

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044041.D
 Acq On : 27 Nov 2024 15:25
 Operator : JC/MD
 Sample : VX1127WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Quant Time: Nov 28 00:49:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	127369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	205658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112556	51.523	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.040%			
35) Dibromofluoromethane	5.379	113	79370	46.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.460%			
50) Toluene-d8	8.647	98	278542	47.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.140%			
62) 4-Bromofluorobenzene	11.079	95	97608	48.462	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25936	16.074	ug/l	94
3) Chloromethane	1.294	50	25998	15.311	ug/l	98
4) Vinyl Chloride	1.374	62	29254	16.198	ug/l	98
5) Bromomethane	1.593	94	20643	18.580	ug/l	91
6) Chloroethane	1.666	64	21324	19.377	ug/l	98
7) Trichlorofluoromethane	1.873	101	54025	16.732	ug/l	100
8) Diethyl Ether	2.136	74	21026	17.866	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	27168	17.639	ug/l	97
10) Methyl Iodide	2.447	142	35852	18.638	ug/l	97
11) Tert butyl alcohol	2.989	59	28305	80.722	ug/l	95
12) 1,1-Dichloroethene	2.306	96	25114	17.112	ug/l	94
13) Acrolein	2.233	56	37101	100.382	ug/l	100
14) Allyl chloride	2.660	41	41624	17.357	ug/l	95
15) Acrylonitrile	3.062	53	75266	88.082	ug/l	97
16) Acetone	2.386	43	72376	72.133	ug/l	99
17) Carbon Disulfide	2.501	76	39751	13.130	ug/l	96
18) Methyl Acetate	2.703	43	46536	19.916	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	105439	19.786	ug/l	97
20) Methylene Chloride	2.782	84	30367	17.835	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	26548	17.520	ug/l	98
22) Diisopropyl ether	3.757	45	99922	19.486	ug/l	88
23) Vinyl Acetate	3.721	43	393058	89.602	ug/l	100
24) 1,1-Dichloroethane	3.605	63	54878	18.551	ug/l	99
25) 2-Butanone	4.562	43	112991	87.275	ug/l	99
26) 2,2-Dichloropropane	4.471	77	46487	17.400	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	34387	18.359	ug/l	99
28) Bromochloromethane	4.897	49	22637	17.384	ug/l	98
29) Tetrahydrofuran	5.007	42	72798	91.719	ug/l	99
30) Chloroform	5.086	83	60194	18.919	ug/l	94
31) Cyclohexane	5.458	56	42196	17.330	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	52147	19.005	ug/l	100
36) 1,1-Dichloropropene	5.684	75	37013	17.301	ug/l	98
37) Ethyl Acetate	4.714	43	45715	17.214	ug/l	98
38) Carbon Tetrachloride	5.672	117	39329	16.361	ug/l	99
39) Methylcyclohexane	7.379	83	43900	15.795	ug/l	96
40) Benzene	6.031	78	115821	17.380	ug/l	96

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Manual Integrations
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 Supervised By :Mahesh Dadoda 12/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24112	17.740	ug/l	96
42) 1,2-Dichloroethane	6.086	62	49932	18.656	ug/l	98
43) Isopropyl Acetate	6.342	43	75731	17.919	ug/l	99
44) Trichloroethene	7.123	130	28142	14.918	ug/l	98
45) 1,2-Dichloropropane	7.427	63	29734	18.217	ug/l	100
46) Dibromomethane	7.580	93	23350	18.085	ug/l	96
47) Bromodichloromethane	7.818	83	40574	17.522	ug/l	99
48) Methyl methacrylate	7.689	41	34514	17.019	ug/l	99
49) 1,4-Dioxane	7.671	88	10711	296.503	ug/l	90
51) 4-Methyl-2-Pentanone	8.573	43	235366	91.258	ug/l	97
52) Toluene	8.714	92	73481	18.423	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	40540	17.168	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	44564	17.215	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	29202	17.736	ug/l	97
56) Ethyl methacrylate	9.116	69	45568	17.768	ug/l	97
57) 1,3-Dichloropropane	9.305	76	50028	18.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	109304	77.153	ug/l	99
59) 2-Hexanone	9.433	43	171810	88.628	ug/l	99
60) Dibromochloromethane	9.518	129	26298	15.919	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29718	17.850	ug/l	99
64) Tetrachloroethene	9.268	164	25504	18.807	ug/l	96
65) Chlorobenzene	10.079	112	78428	17.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	25798	17.611	ug/l	99
67) Ethyl Benzene	10.189	91	141788	18.525	ug/l	98
68) m/p-Xylenes	10.299	106	102916	36.057	ug/l	99
69) o-Xylene	10.640	106	52325	18.776	ug/l	99
70) Styrene	10.652	104	82874	17.980	ug/l	97
71) Bromoform	10.799	173	14739	14.652	ug/l #	97
73) Isopropylbenzene	10.957	105	133242	18.824	ug/l	98
74) N-amyl acetate	10.841	43	61904	18.878	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	44209	18.240	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	37068m	18.356	ug/l	
77) Bromobenzene	11.195	156	30733	18.201	ug/l	100
78) n-propylbenzene	11.305	91	149228	18.876	ug/l	99
79) 2-Chlorotoluene	11.360	91	92211	18.446	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	111198	19.095	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10482	14.164	ug/l #	85
82) 4-Chlorotoluene	11.451	91	106504	18.871	ug/l	98
83) tert-Butylbenzene	11.713	119	106852	18.512	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	111698	19.265	ug/l	97
85) sec-Butylbenzene	11.890	105	130741	18.487	ug/l	99
86) p-Isopropyltoluene	12.006	119	108910	18.959	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	54803	17.820	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55390	17.666	ug/l	96
89) n-Butylbenzene	12.329	91	93726	18.505	ug/l	99
90) Hexachloroethane	12.536	117	14292	14.631	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	56686	18.264	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8198	16.880	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	30806	16.836	ug/l	98
94) Hexachlorobutadiene	13.725	225	12322	17.039	ug/l	98
95) Naphthalene	13.774	128	211326	32.084	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	31338	16.921	ug/l	91

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Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

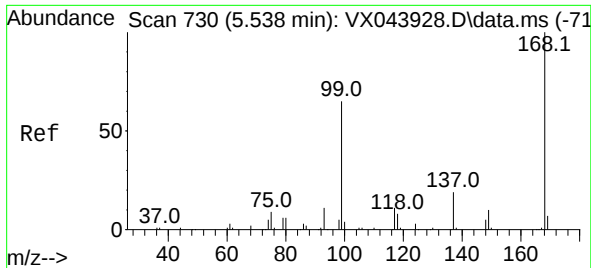
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:49:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

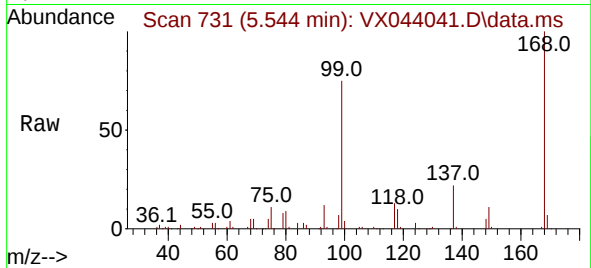
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

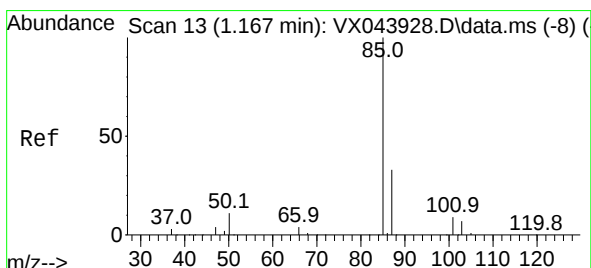
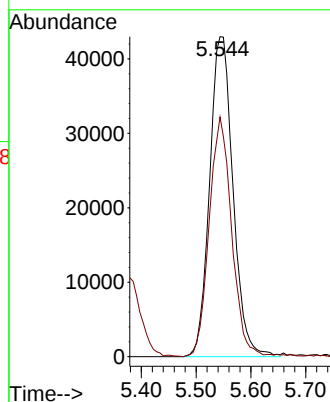
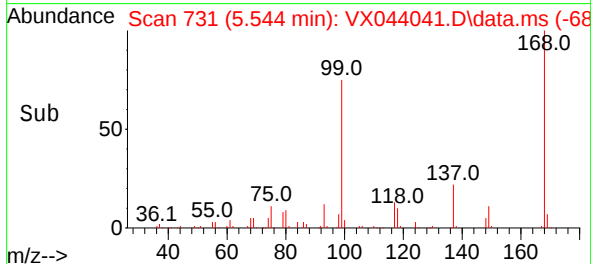
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01



Tgt Ion:168 Resp: 127369
Ion Ratio Lower Upper
168 100
99 74.7 51.8 77.8

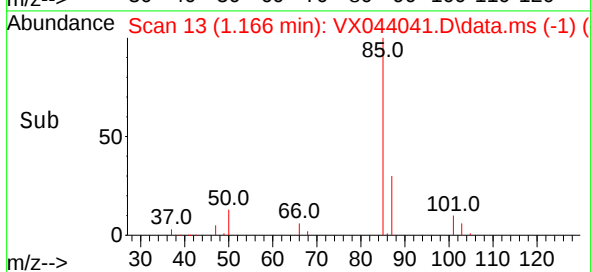
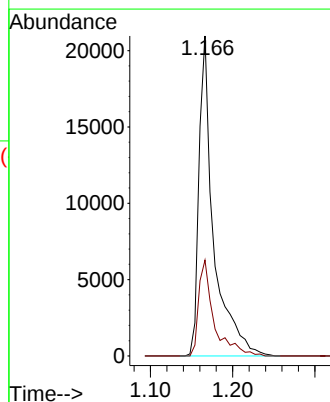
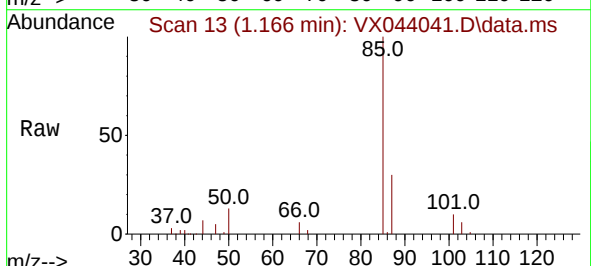
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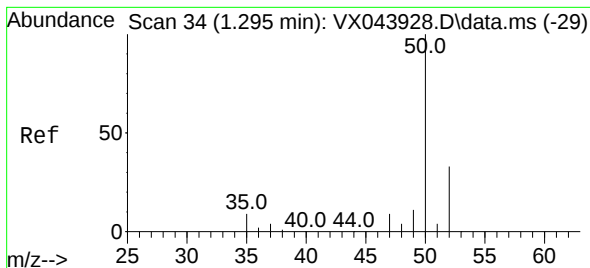
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#2
Dichlorodifluoromethane
Concen: 16.074 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 85 Resp: 25936
Ion Ratio Lower Upper
85 100
87 29.9 16.6 49.8





#3

Chloromethane

Concen: 15.311 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion: 50 Resp: 25998

Ion Ratio Lower Upper

50 100

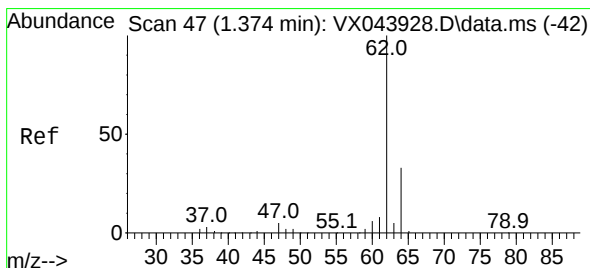
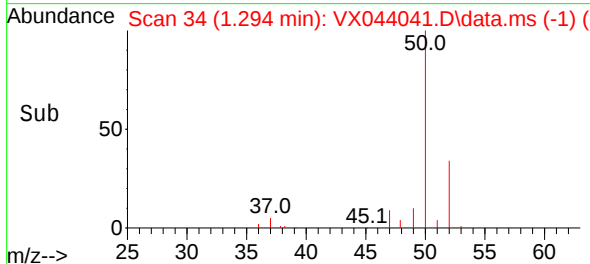
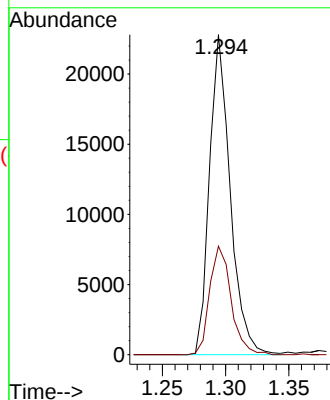
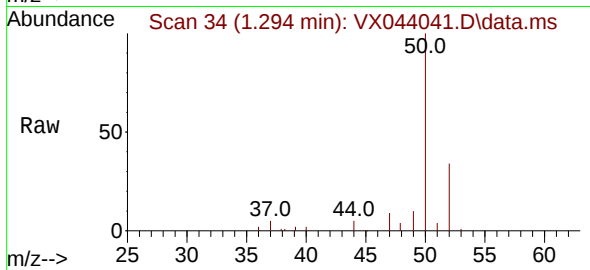
52 33.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#4

Vinyl Chloride

Concen: 16.198 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044041.D

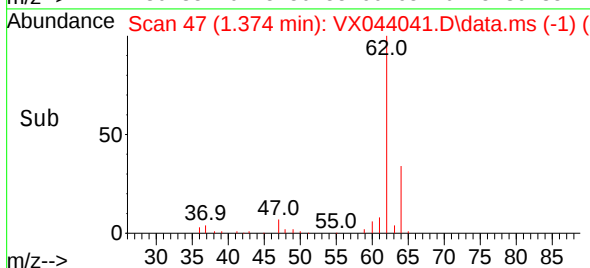
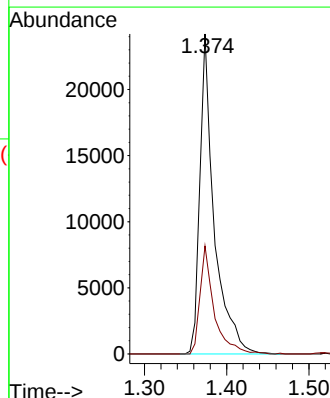
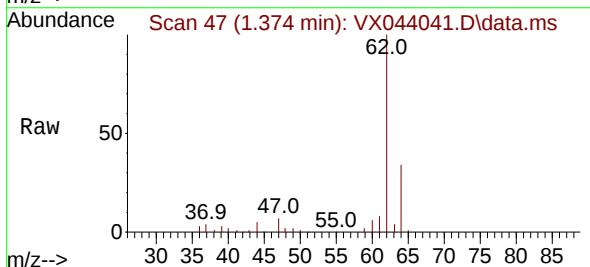
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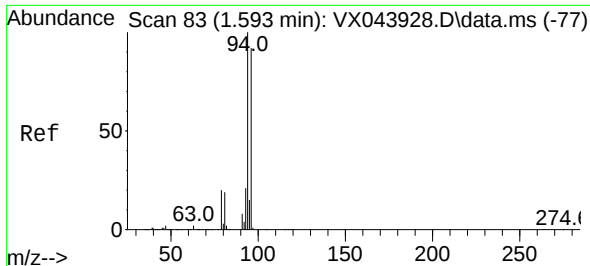
Tgt Ion: 62 Resp: 29254

Ion Ratio Lower Upper

62 100

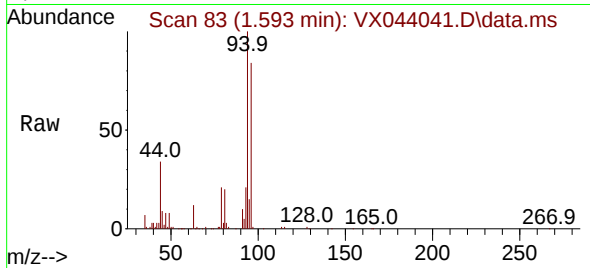
64 33.8 26.2 39.4





#5
Bromomethane
Concen: 18.580 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

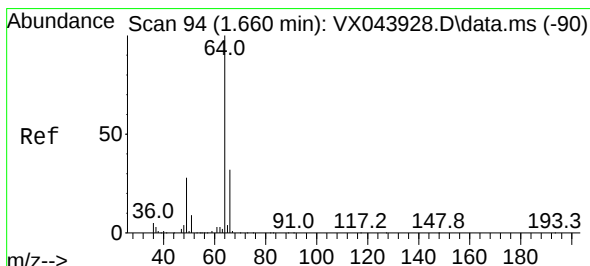
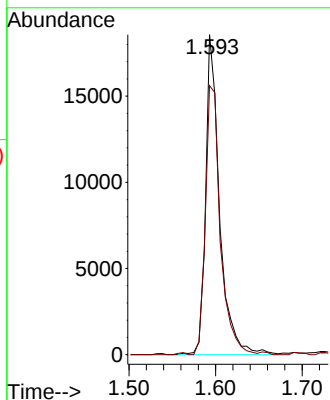
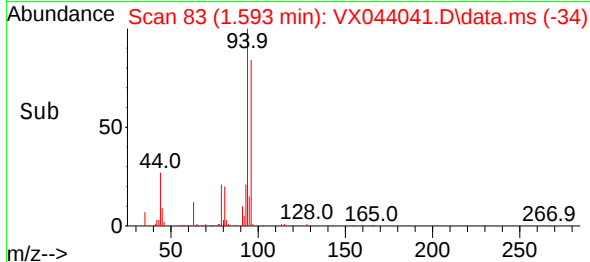
Instrument :
MSVOA_X
Client Sample Id :
VX1127WBSD01



Tgt Ion: 94 Resp: 2064
Ion Ratio Lower Upper
94 100
96 84.1 73.9 110.9

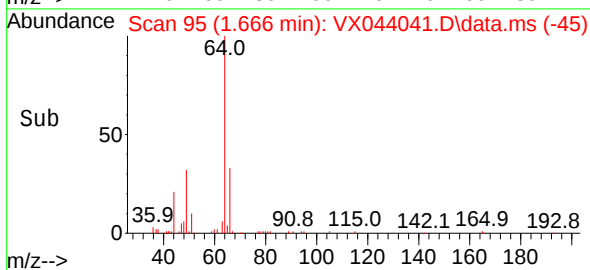
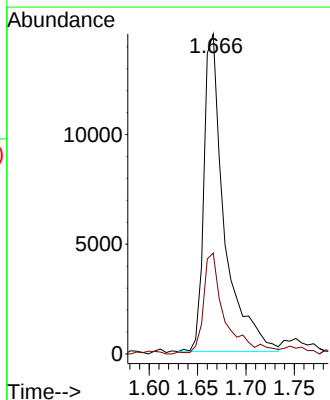
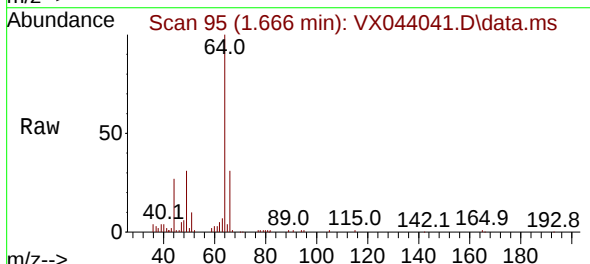
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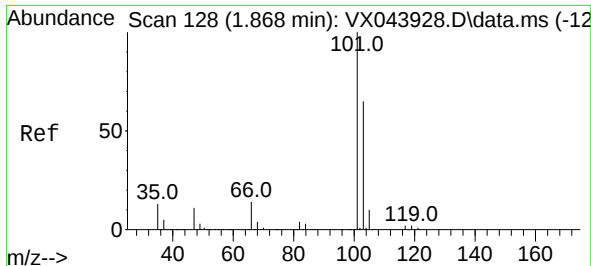
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#6
Chloroethane
Concen: 19.377 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 64 Resp: 21324
Ion Ratio Lower Upper
64 100
66 31.2 25.9 38.9





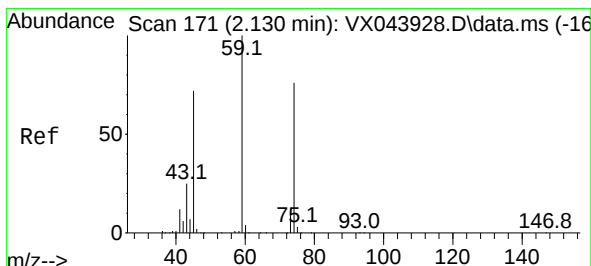
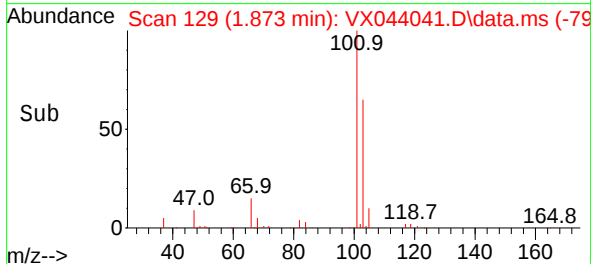
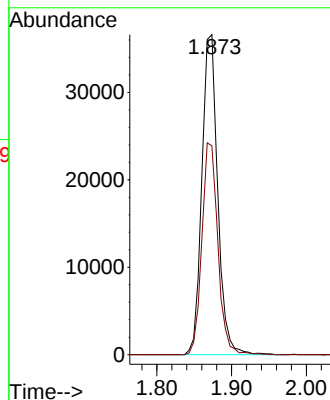
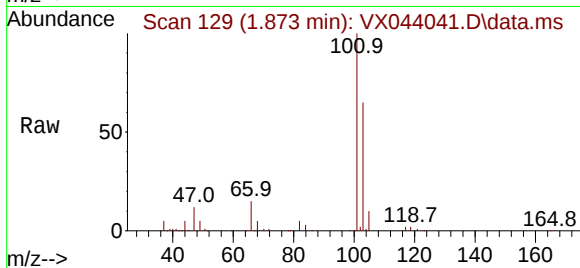
#7
Trichlorofluoromethane
Concen: 16.732 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion:101 Resp: 54024
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.2

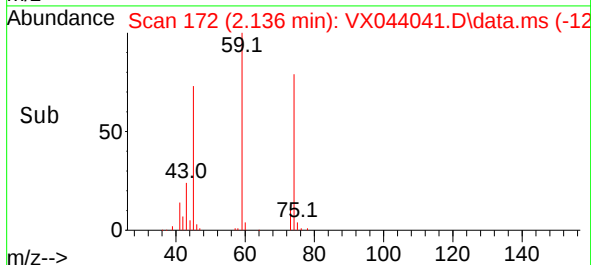
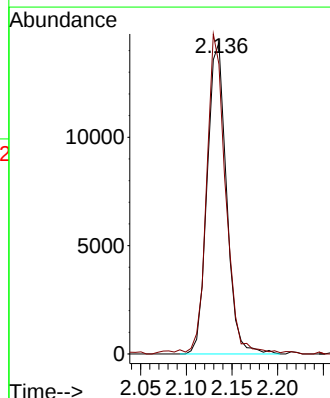
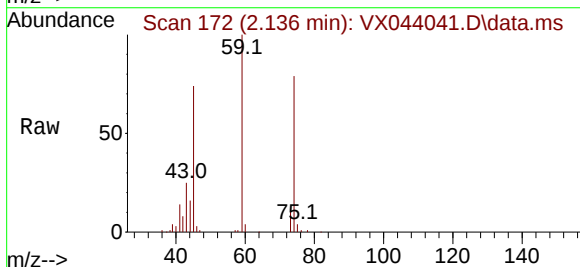
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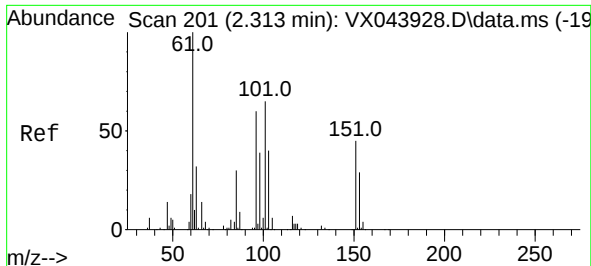
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#8
Diethyl Ether
Concen: 17.866 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 74 Resp: 21026
Ion Ratio Lower Upper
74 100
45 101.9 47.9 143.6





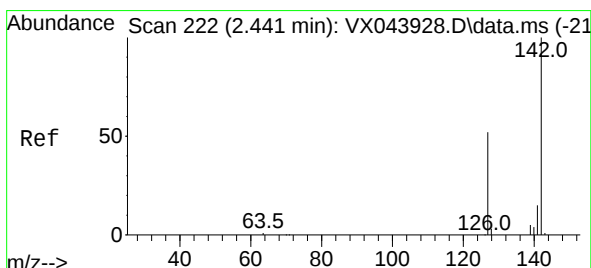
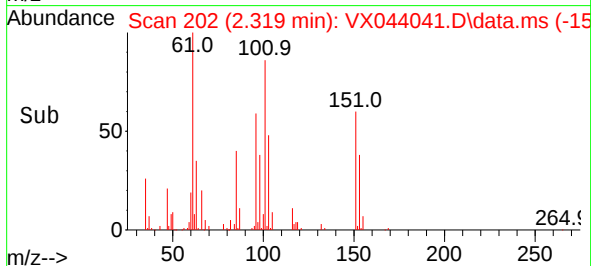
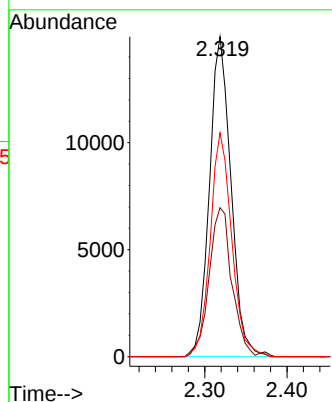
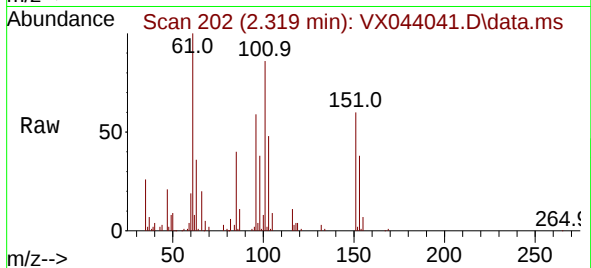
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.639 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion:101 Resp: 27168
Ion Ratio Lower Upper
101 100
85 49.4 37.9 56.9
151 70.0 57.5 86.3

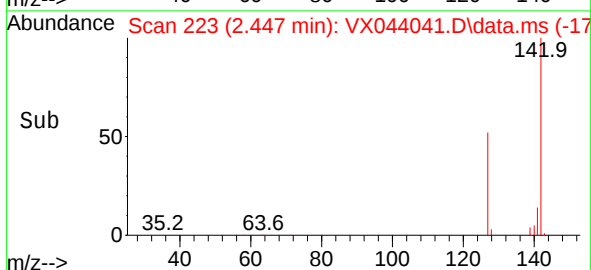
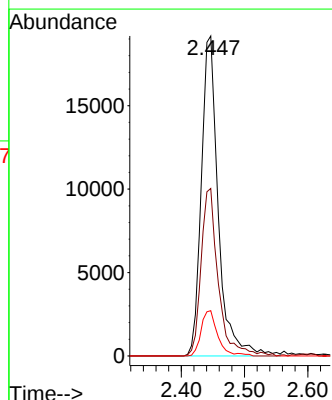
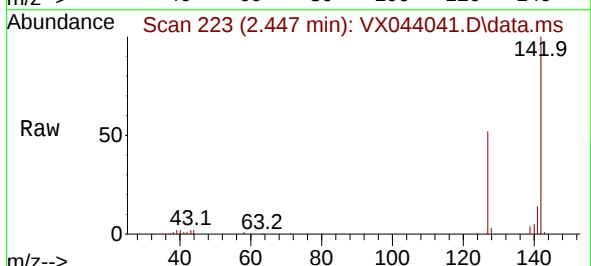
Manual Integrations
APPROVED

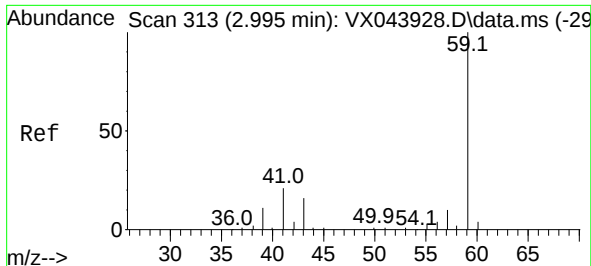
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#10
Methyl Iodide
Concen: 18.638 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

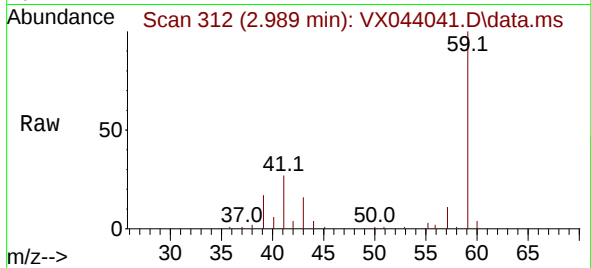
Tgt Ion:142 Resp: 35852
Ion Ratio Lower Upper
142 100
127 53.1 40.7 61.1
141 13.9 12.0 18.0





#11
Tert butyl alcohol
Concen: 80.722 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

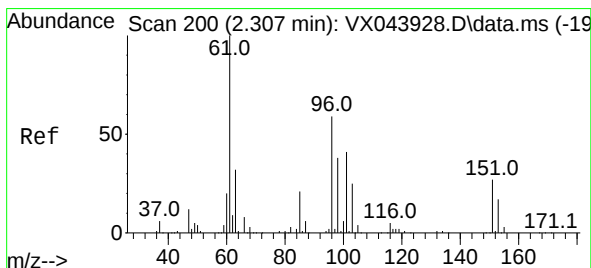
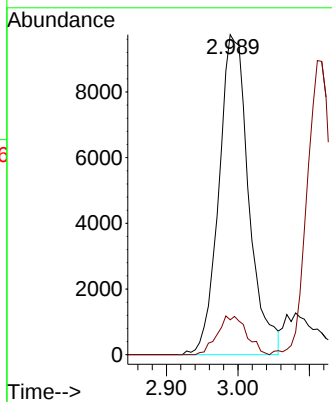
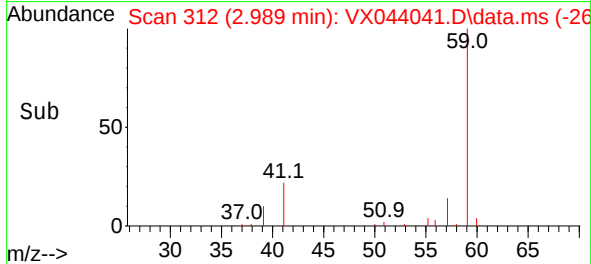
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01



Tgt Ion: 59 Resp: 2830
Ion Ratio Lower Upper
59 100
57 11.8 7.9 11.9

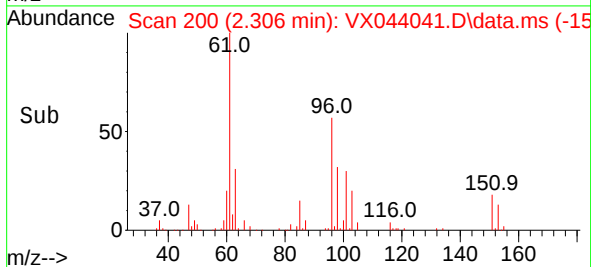
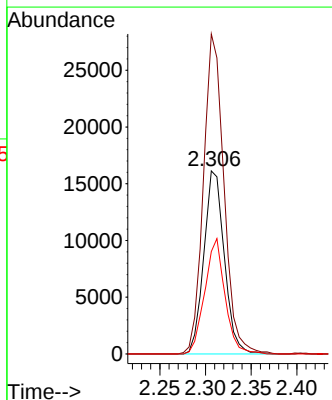
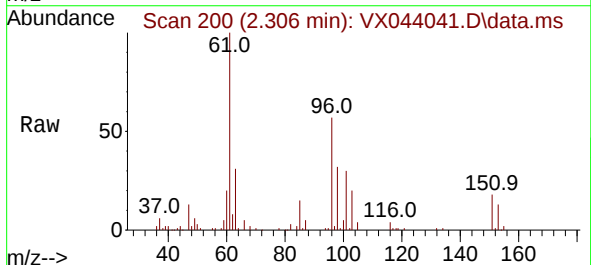
Manual Integrations
APPROVED

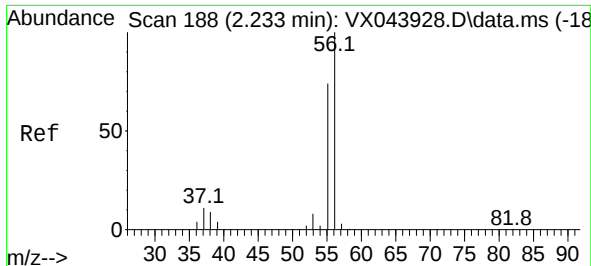
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#12
1,1-Dichloroethene
Concen: 17.112 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

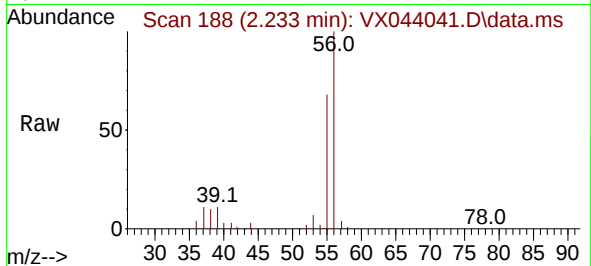
Tgt Ion: 96 Resp: 25114
Ion Ratio Lower Upper
96 100
61 174.9 135.5 203.3
98 56.0 50.8 76.2





#13
Acrolein
Concen: 100.382 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

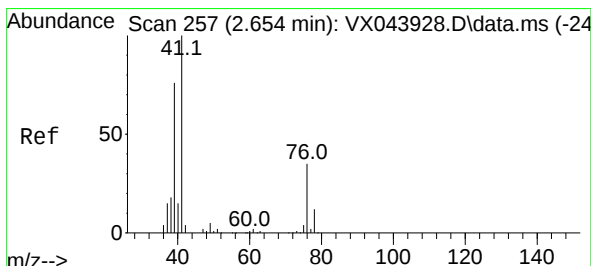
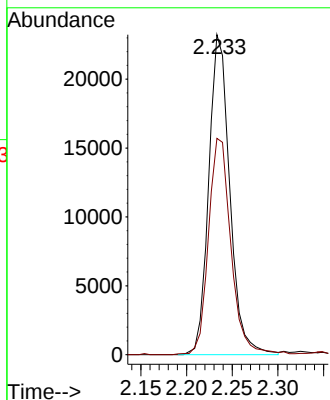
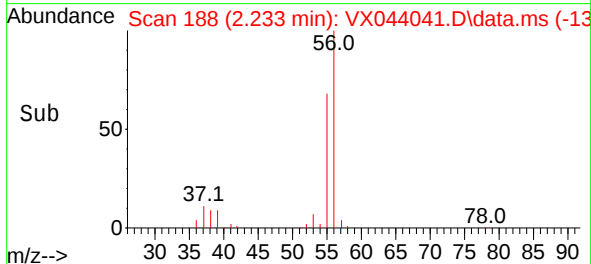
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01



Tgt Ion: 56 Resp: 3710
Ion Ratio Lower Upper
56 100
55 72.3 58.2 87.2

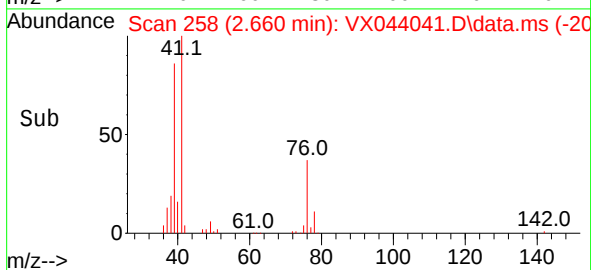
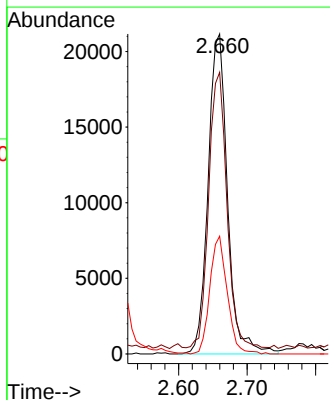
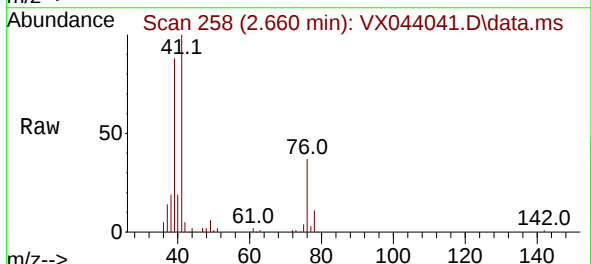
Manual Integrations
APPROVED

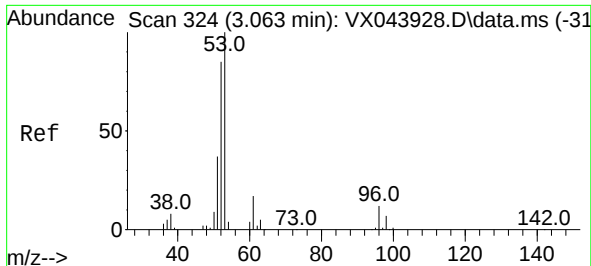
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#14
Allyl chloride
Concen: 17.357 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

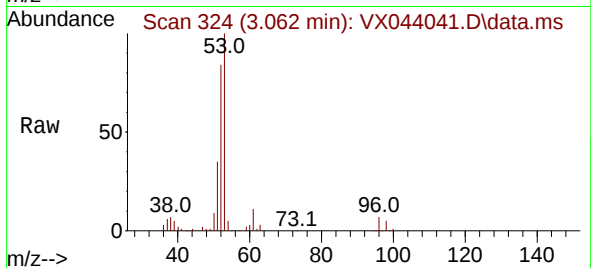
Tgt Ion: 41 Resp: 41624
Ion Ratio Lower Upper
41 100
39 80.2 59.5 89.3
76 33.0 27.4 41.2





#15
Acrylonitrile
Concen: 88.082 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

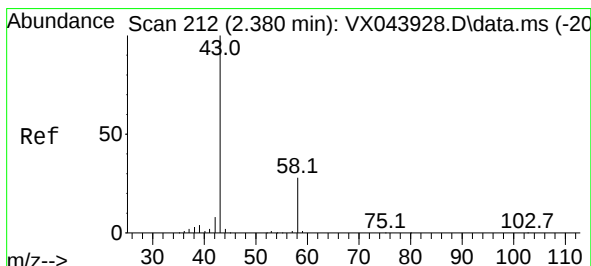
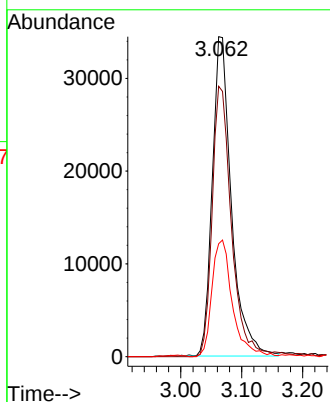
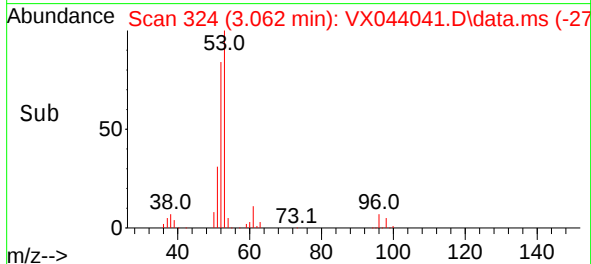
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01



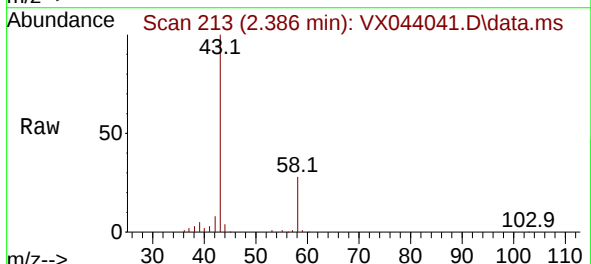
Tgt Ion: 53 Resp: 75260
Ion Ratio Lower Upper
53 100
52 85.7 66.5 99.7
51 39.0 30.2 45.4

Manual Integrations
APPROVED

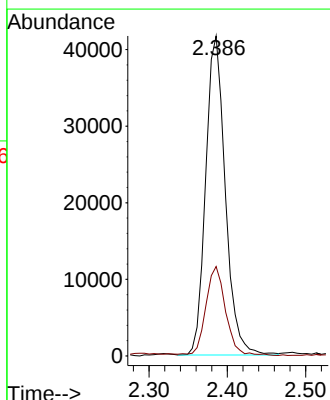
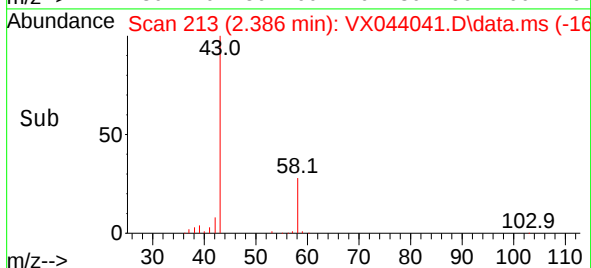
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

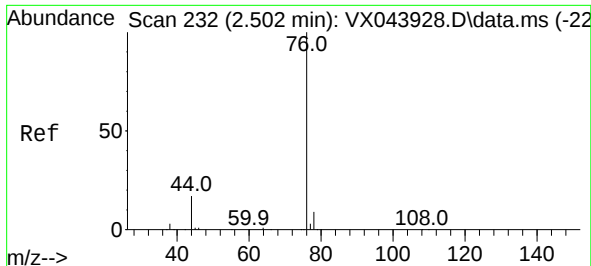


#16
Acetone
Concen: 72.133 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25



Tgt Ion: 43 Resp: 72376
Ion Ratio Lower Upper
43 100
58 27.9 22.7 34.1





#17

Carbon Disulfide

Concen: 13.130 ug/l

RT: 2.501 min Scan# 24

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion: 76 Resp: 3975

Ion Ratio Lower Upper

76 100

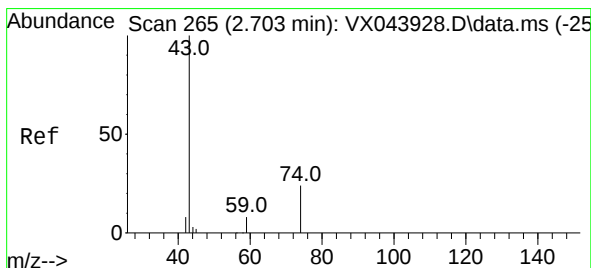
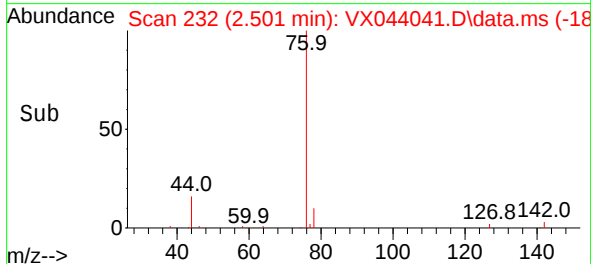
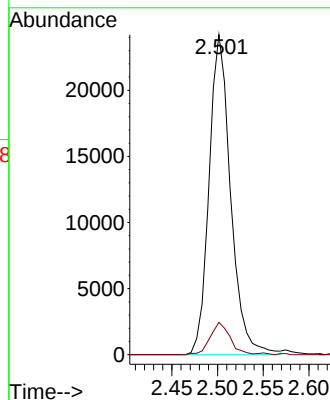
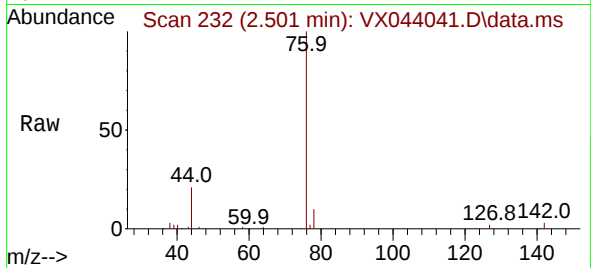
78 10.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#18

Methyl Acetate

Concen: 19.916 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX044041.D

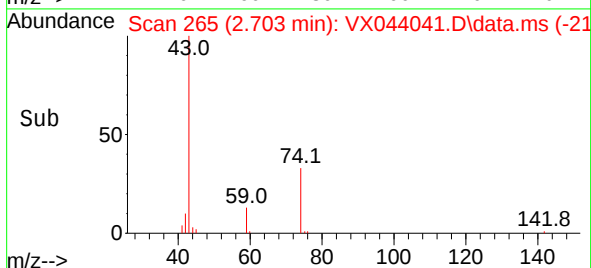
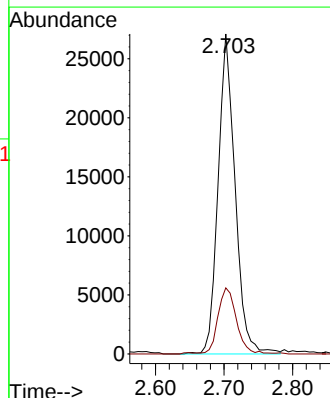
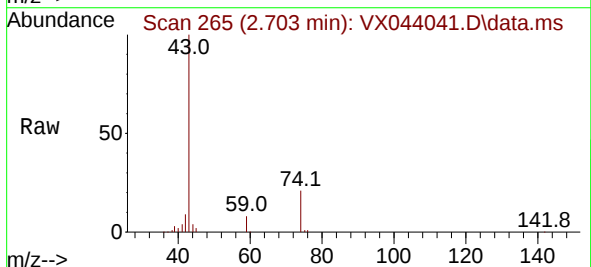
Acq: 27 Nov 2024 15:25

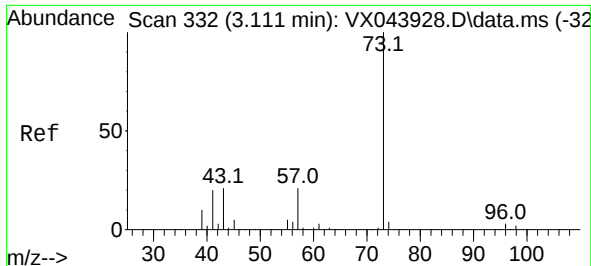
Tgt Ion: 43 Resp: 46536

Ion Ratio Lower Upper

43 100

74 21.8 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 19.786 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion: 73 Resp: 105439

Ion Ratio Lower Upper

73 100

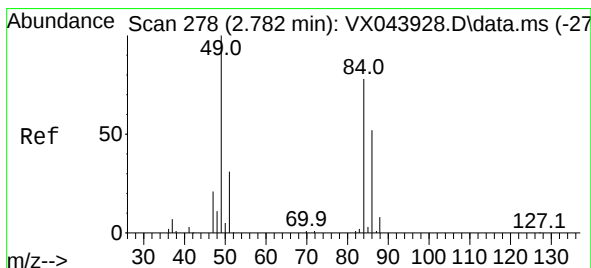
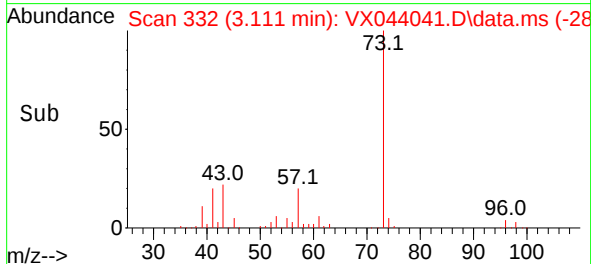
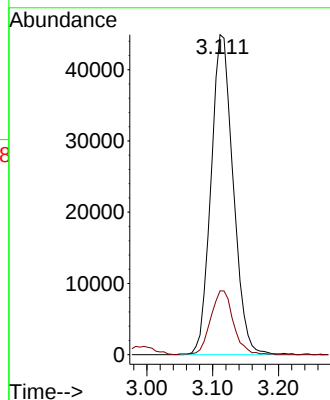
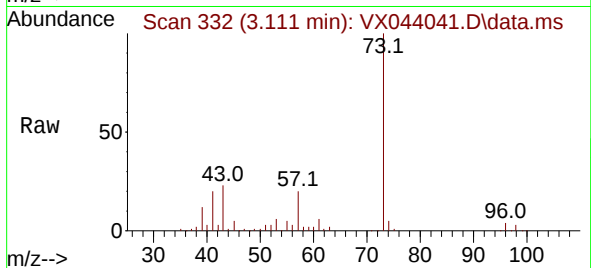
57 19.9 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#20

Methylene Chloride

Concen: 17.835 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Tgt Ion: 84 Resp: 30367

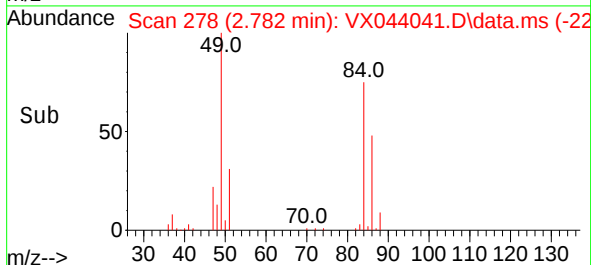
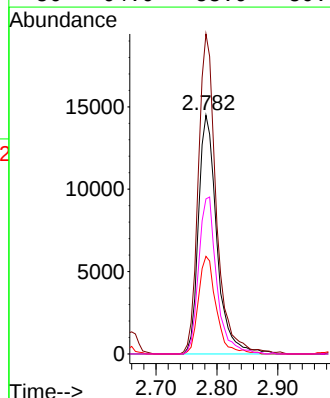
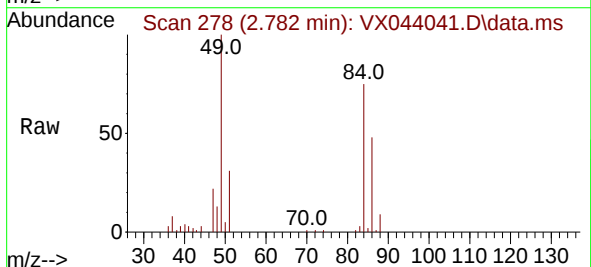
Ion Ratio Lower Upper

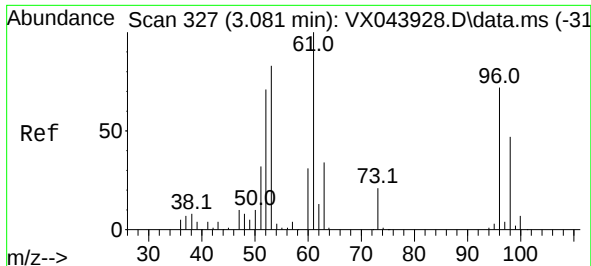
84 100

49 134.0 102.7 154.1

51 40.9 31.7 47.5

86 64.9 53.9 80.9





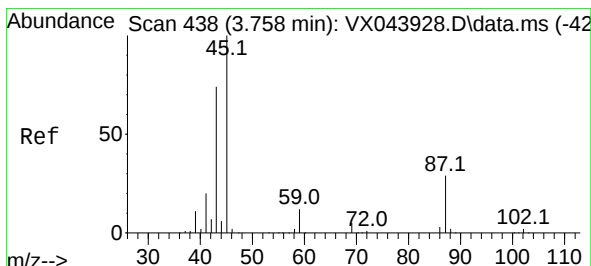
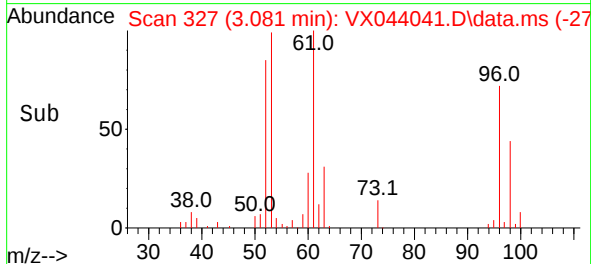
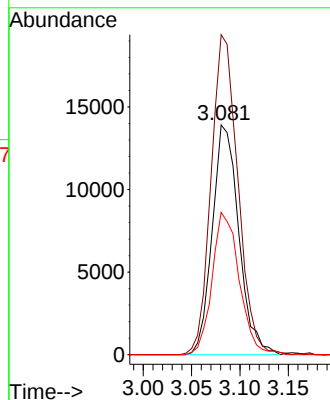
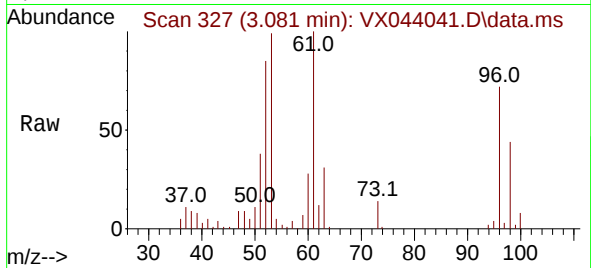
#21
trans-1,2-Dichloroethene
Concen: 17.520 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 96 Resp: 26548
Ion Ratio Lower Upper
96 100
61 139.3 111.8 167.6
98 61.9 52.7 79.1

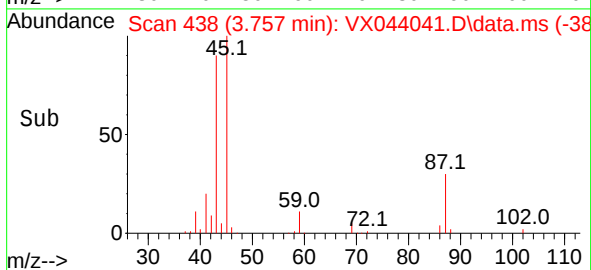
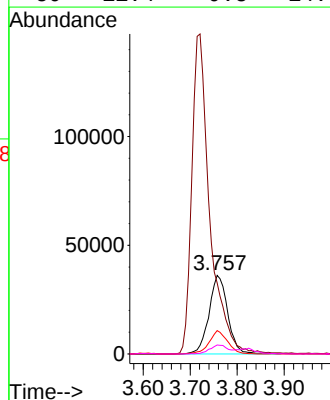
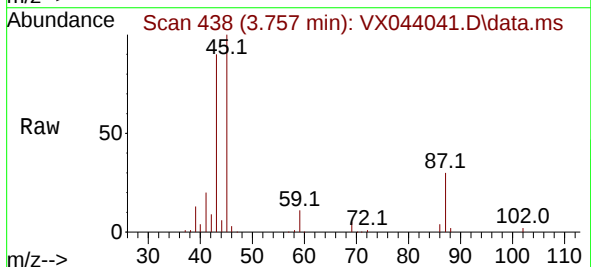
Manual Integrations
APPROVED

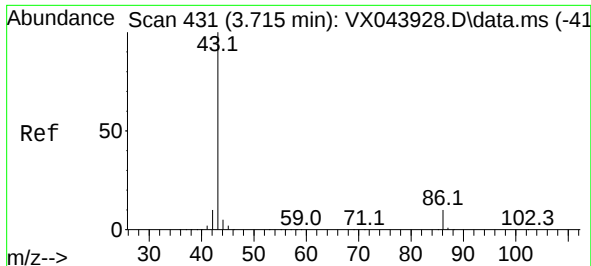
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#22
Diisopropyl ether
Concen: 19.486 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

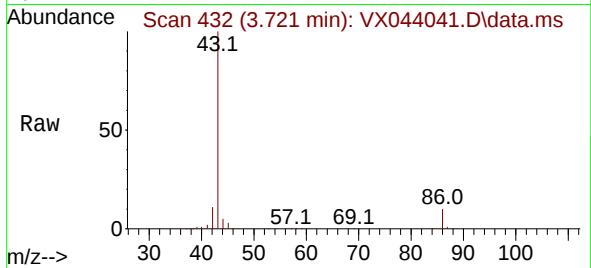
Tgt Ion: 45 Resp: 99922
Ion Ratio Lower Upper
45 100
43 88.9 59.6 89.4
87 29.7 22.9 34.3
59 11.4 9.8 14.6





#23
 Vinyl Acetate
 Concen: 89.602 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX044041.D
 Acq: 27 Nov 2024 15:25

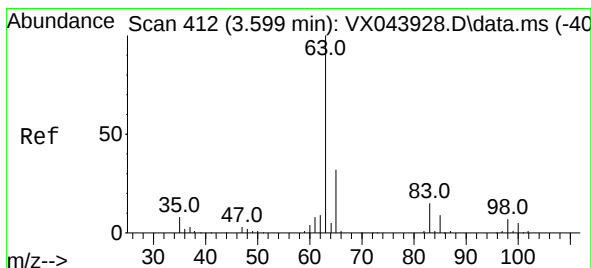
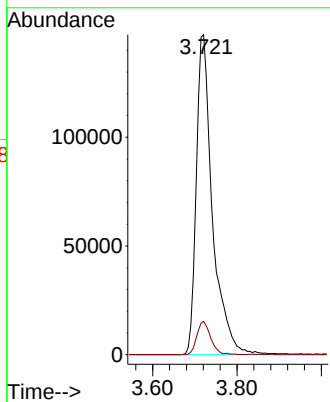
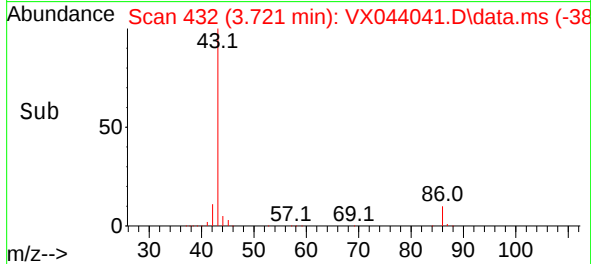
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01



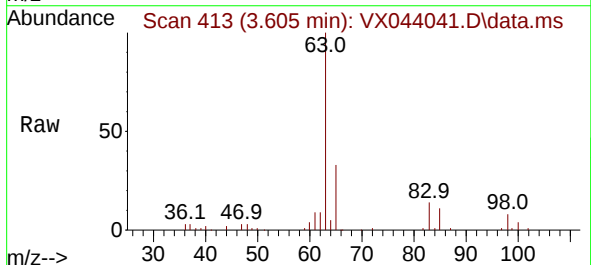
Tgt Ion: 43 Resp: 393058
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5

Manual Integrations
 APPROVED

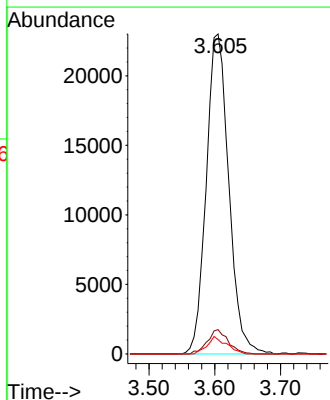
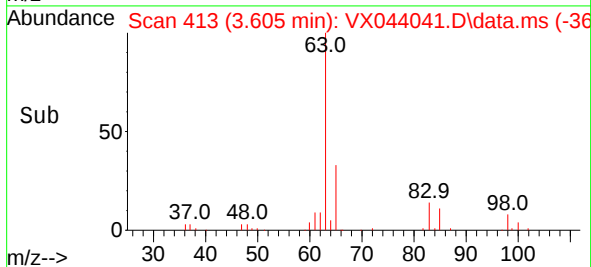
Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

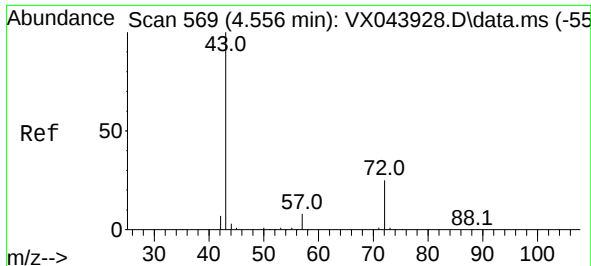


#24
 1,1-Dichloroethane
 Concen: 18.551 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX044041.D
 Acq: 27 Nov 2024 15:25



Tgt Ion: 63 Resp: 54878
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.5 2.4 7.1





#25

2-Butanone

Concen: 87.275 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion: 43 Resp: 11299

Ion Ratio Lower Upper

43 100

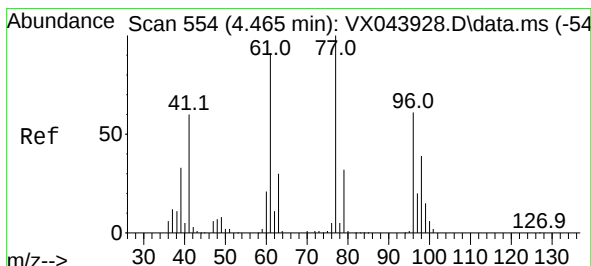
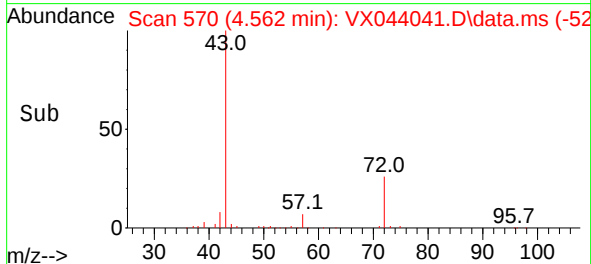
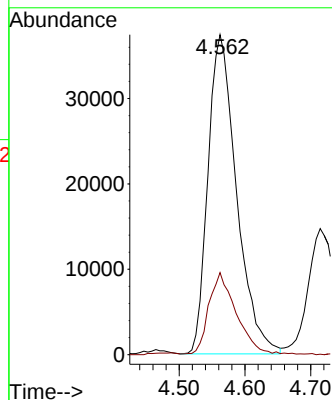
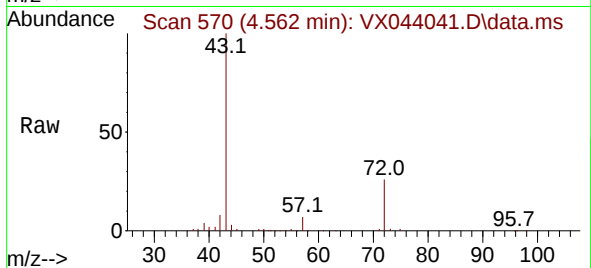
72 25.5 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#26

2,2-Dichloropropane

Concen: 17.400 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX044041.D

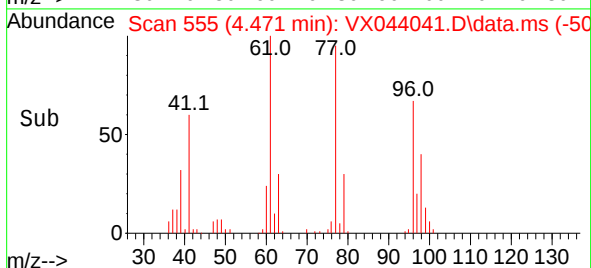
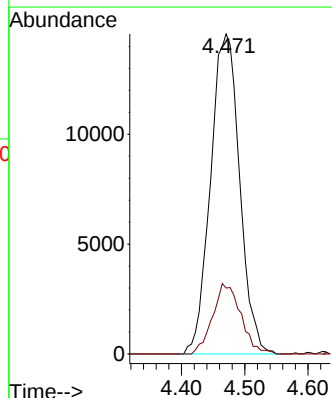
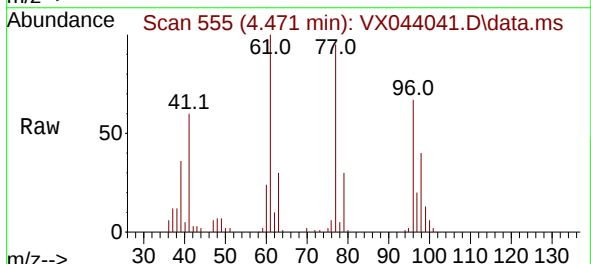
Acq: 27 Nov 2024 15:25

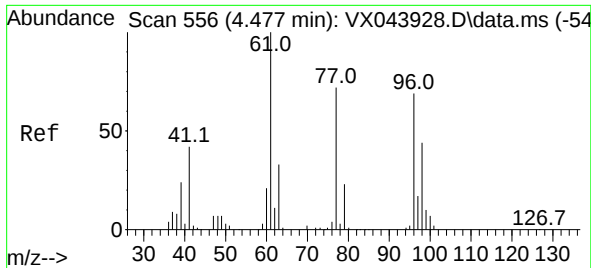
Tgt Ion: 77 Resp: 46487

Ion Ratio Lower Upper

77 100

97 21.3 10.8 32.3





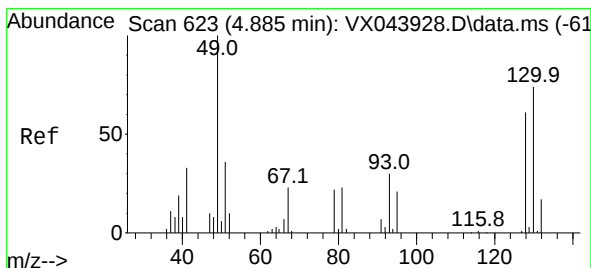
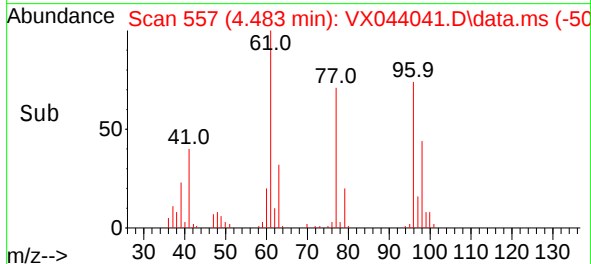
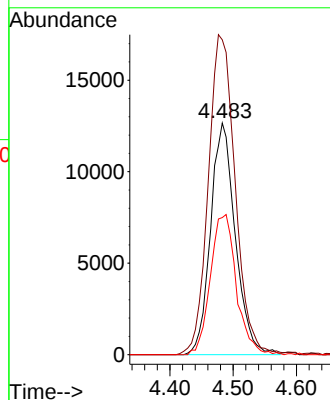
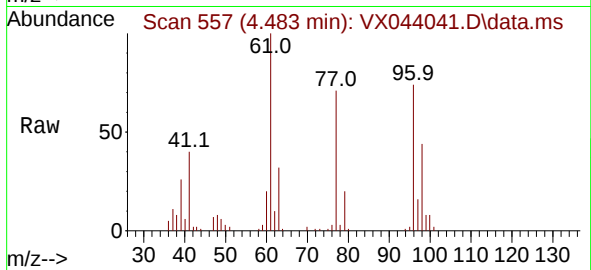
#27
cis-1,2-Dichloroethene
Concen: 18.359 ug/l
RT: 4.483 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 96 Resp: 3438
Ion Ratio Lower Upper
96 100
61 150.1 0.0 297.4
98 63.4 0.0 127.8

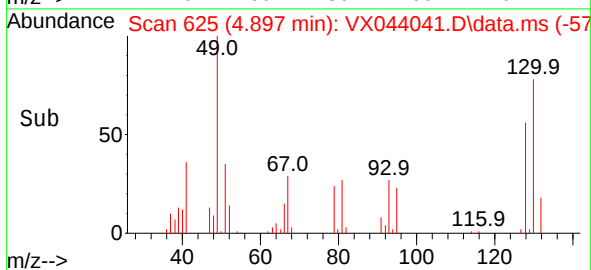
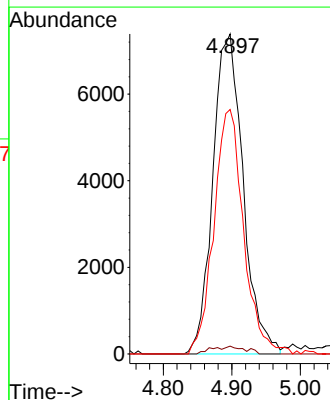
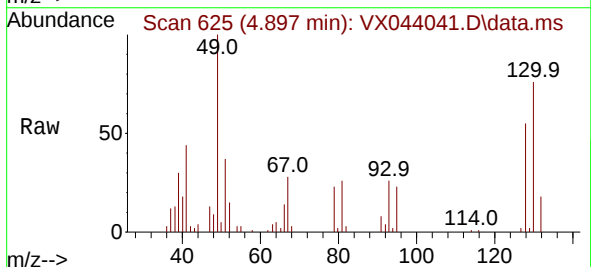
Manual Integrations
APPROVED

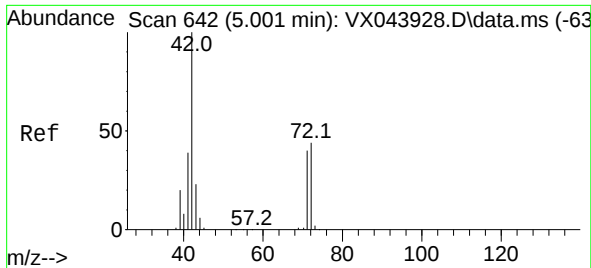
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#28
Bromochloromethane
Concen: 17.384 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.012 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 49 Resp: 22637
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.0
130 75.1 59.0 88.6





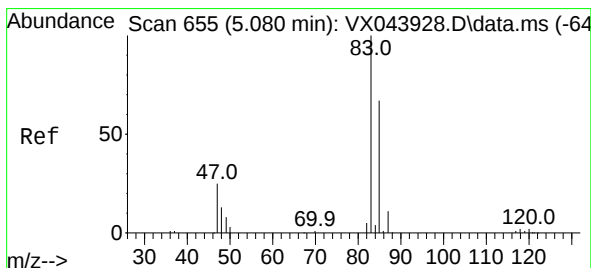
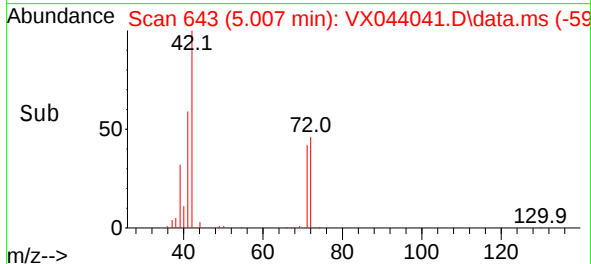
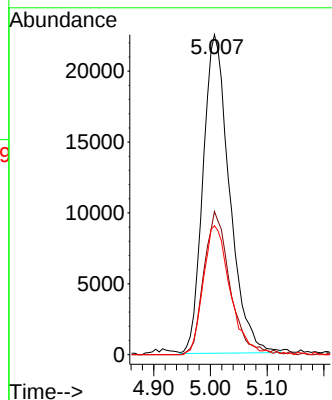
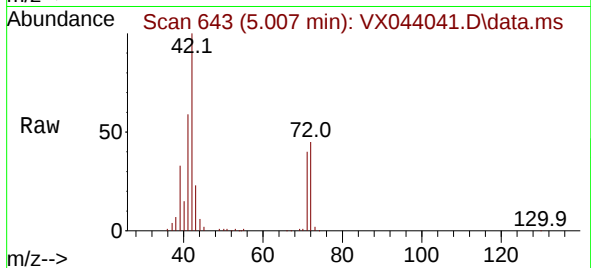
#29
Tetrahydrofuran
Concen: 91.719 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 42 Resp: 72798
Ion Ratio Lower Upper
42 100
72 44.3 36.4 54.6
71 41.0 33.4 50.0

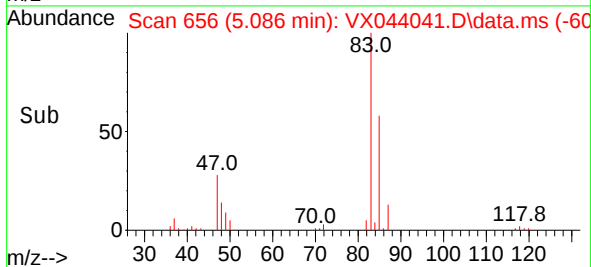
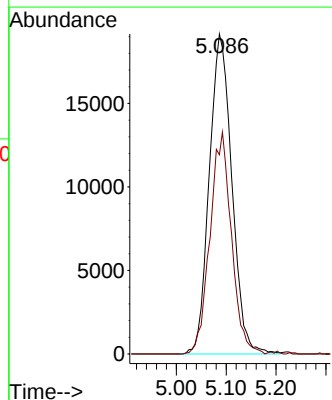
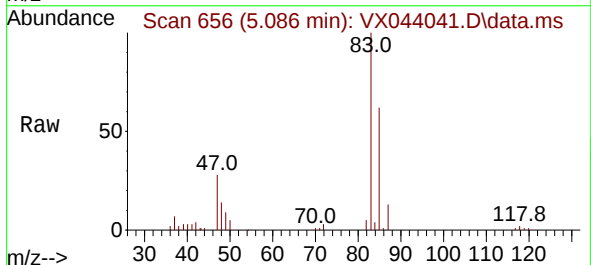
Manual Integrations
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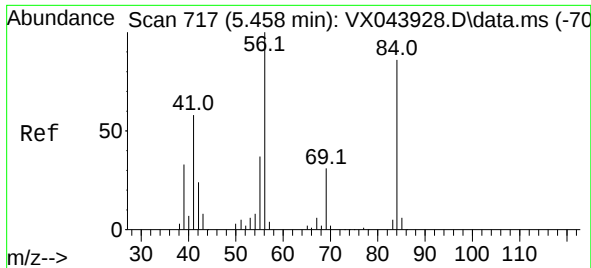
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#30
Chloroform
Concen: 18.919 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 83 Resp: 60194
Ion Ratio Lower Upper
83 100
85 62.3 53.5 80.3





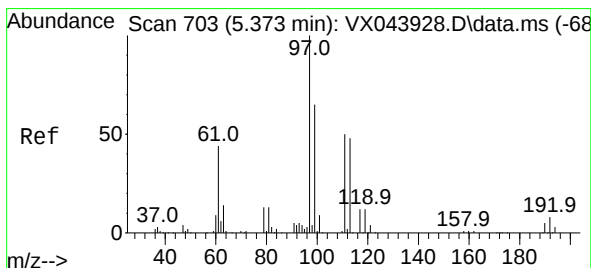
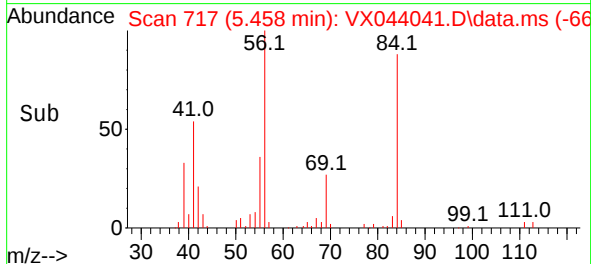
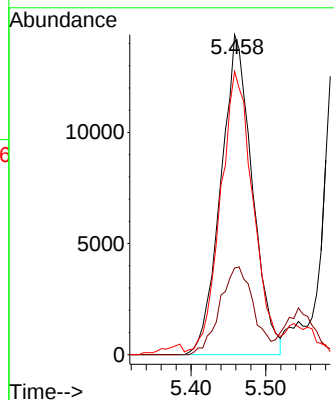
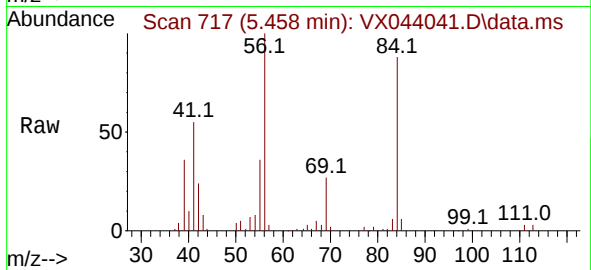
#31
Cyclohexane
Concen: 17.330 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 56 Resp: 42190
Ion Ratio Lower Upper
56 100
69 26.4 24.7 37.1
84 85.2 68.7 103.1

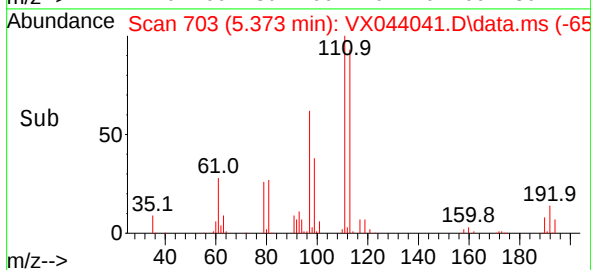
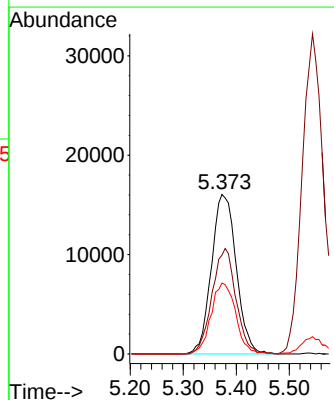
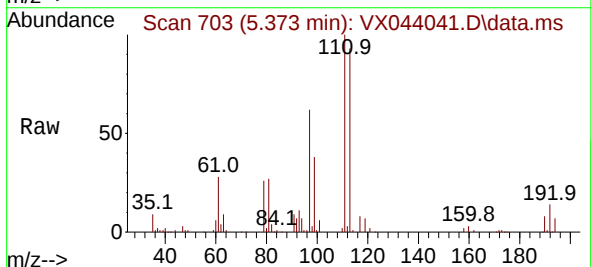
Manual Integrations
APPROVED

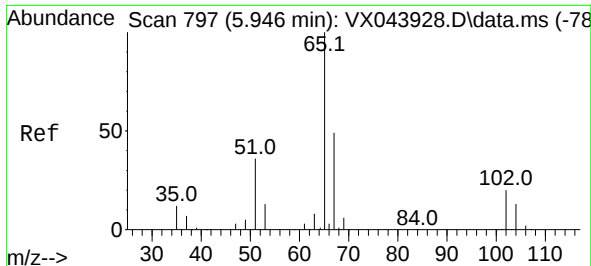
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#32
1,1,1-Trichloroethane
Concen: 19.005 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 97 Resp: 52147
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 44.1 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 51.523 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion: 65 Resp: 112550

Ion Ratio Lower Upper

65 100

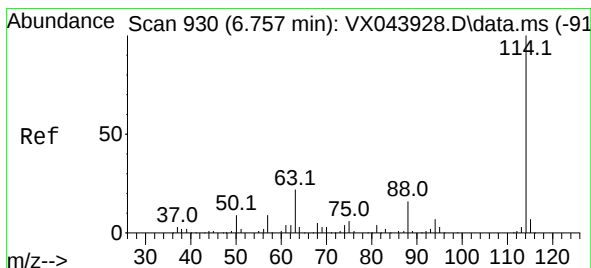
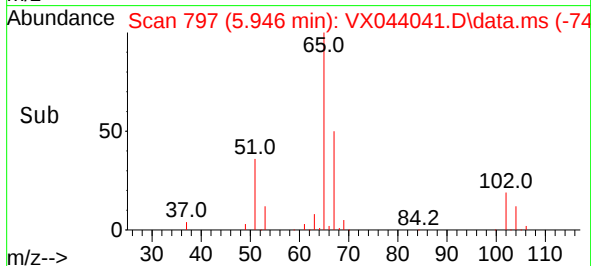
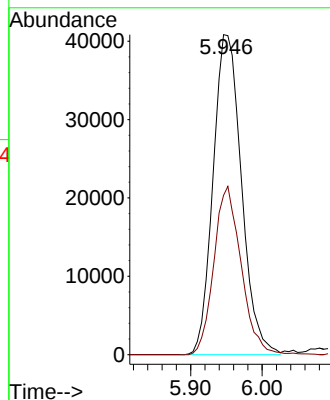
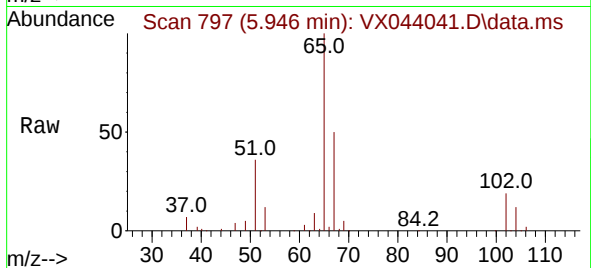
67 50.6 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

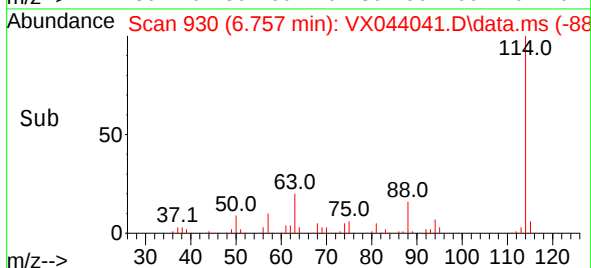
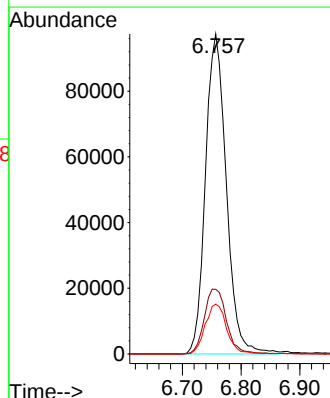
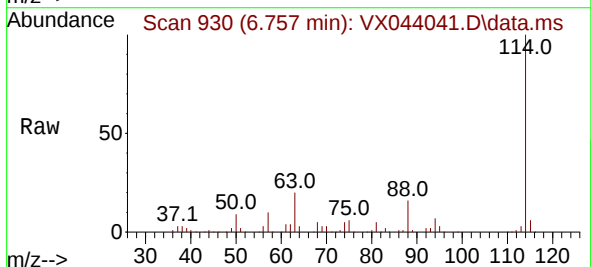
Tgt Ion:114 Resp: 240268

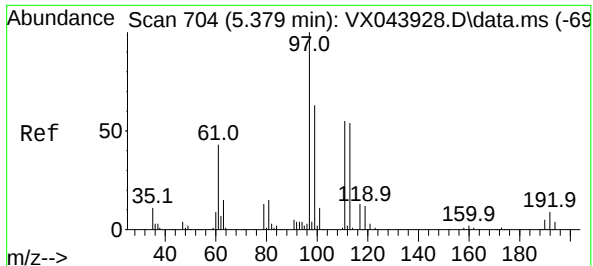
Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.0

88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.230 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044041.D

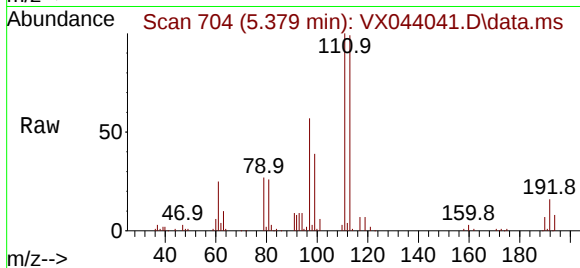
Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01



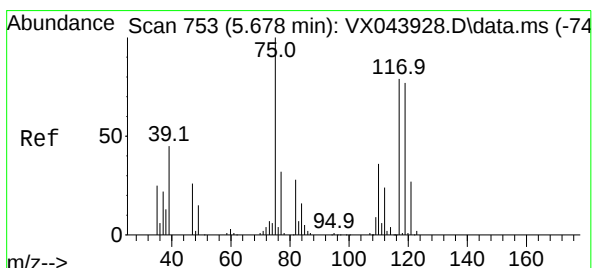
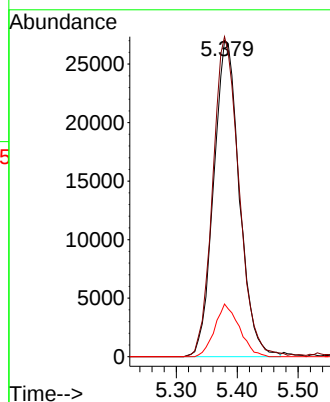
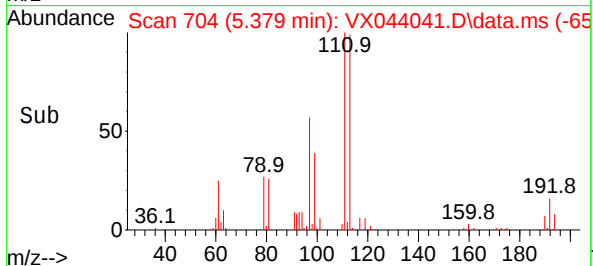
Tgt Ion:	113	Resp:	79370
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.0	121.4
192	15.9	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#36

1,1-Dichloropropene

Concen: 17.301 ug/l

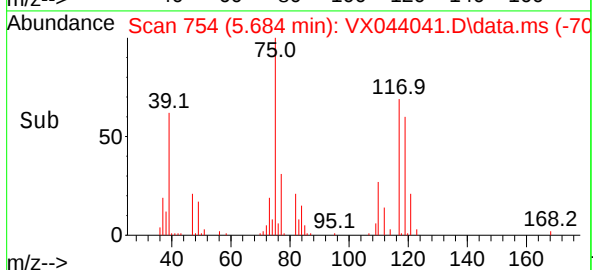
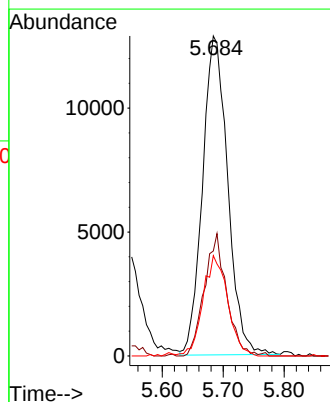
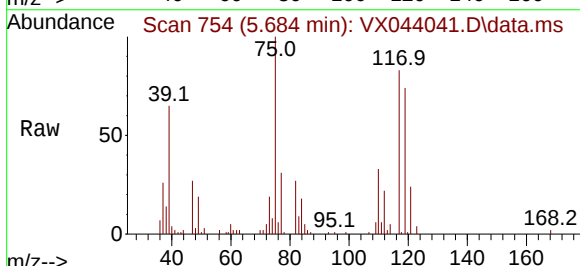
RT: 5.684 min Scan# 754

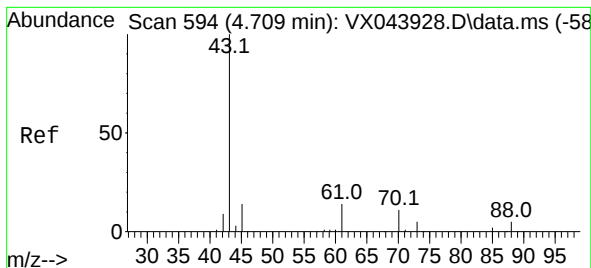
Delta R.T. 0.006 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Tgt Ion:	75	Resp:	37013
Ion Ratio	Lower	Upper	
75	100		
110	34.0	17.4	52.2
77	30.9	25.8	38.8





#37

Ethyl Acetate

Concen: 17.214 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion: 43 Resp: 45715

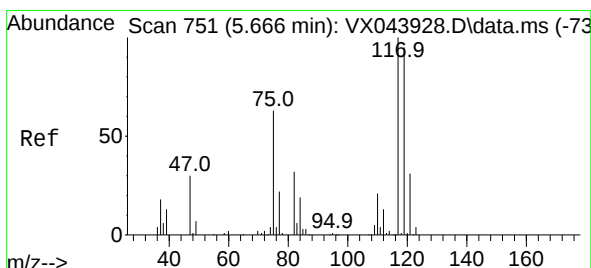
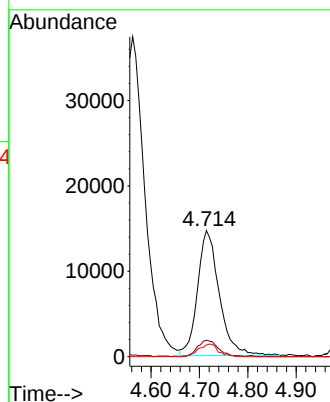
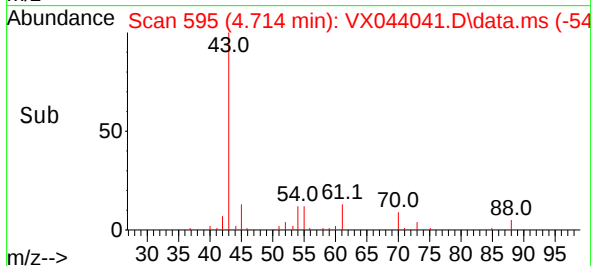
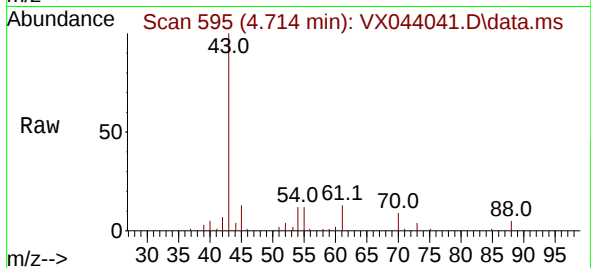
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.7	16.1
70	9.1	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#38

Carbon Tetrachloride

Concen: 16.361 ug/l

RT: 5.672 min Scan# 752

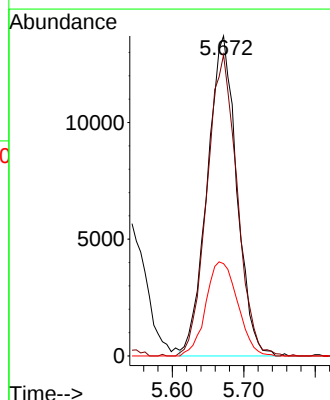
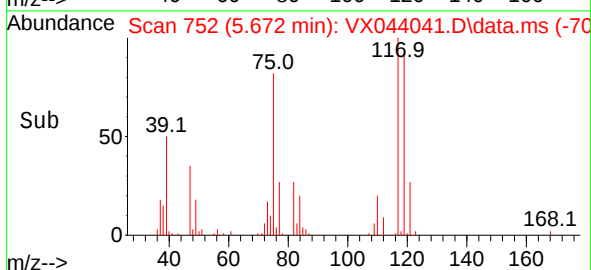
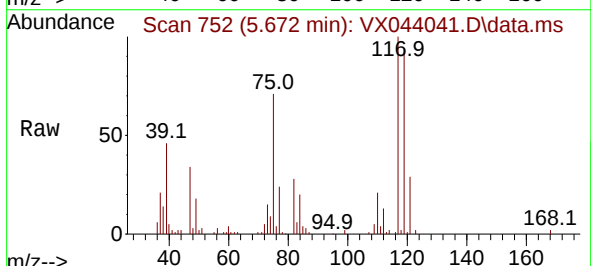
Delta R.T. 0.006 min

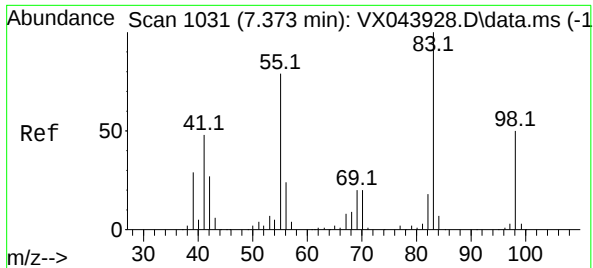
Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Tgt Ion:117 Resp: 39329

Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.2	112.8
121	28.9	24.5	36.7





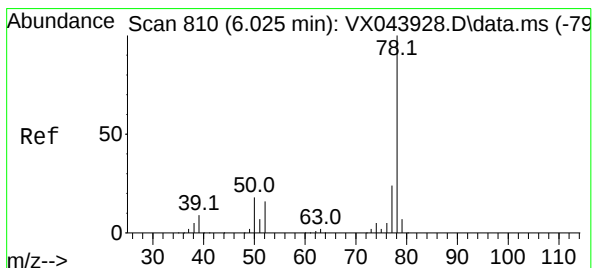
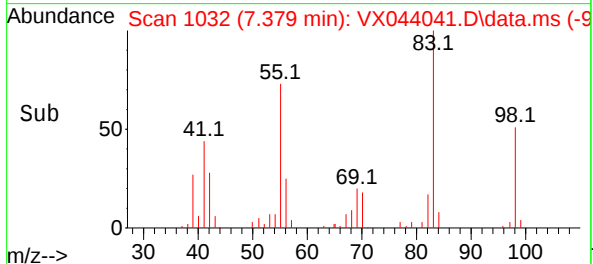
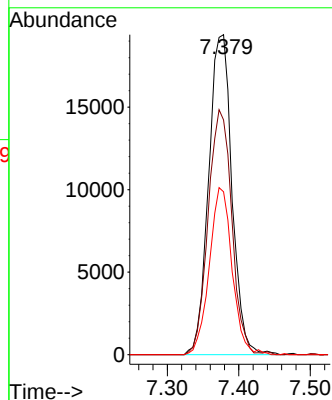
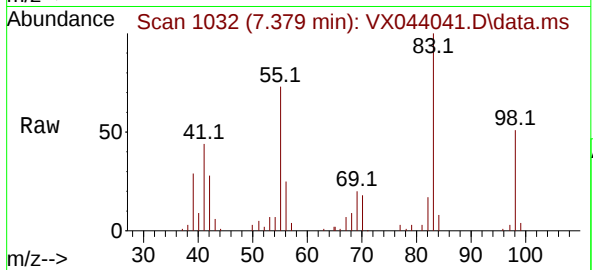
#39
Methylcyclohexane
Concen: 15.795 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 83 Resp: 43900
Ion Ratio Lower Upper
83 100
55 73.4 63.1 94.7
98 50.9 40.0 60.0

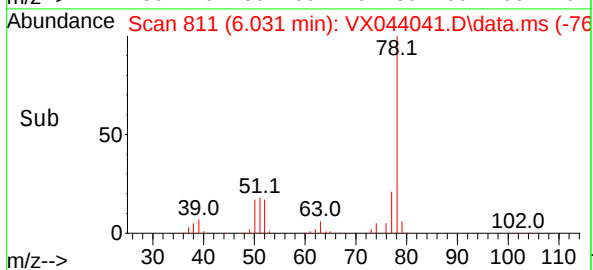
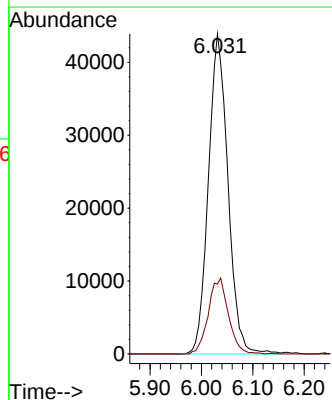
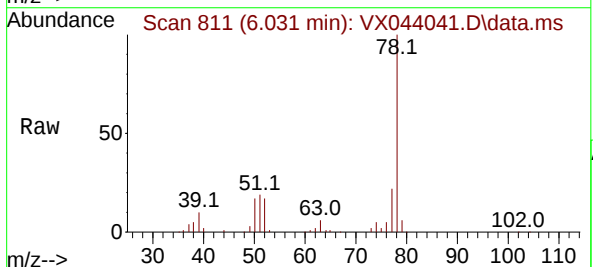
Manual Integrations
APPROVED

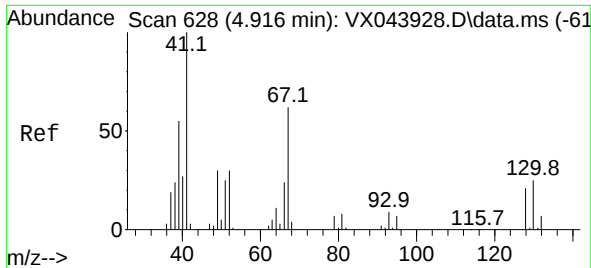
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#40
Benzene
Concen: 17.380 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 78 Resp: 115821
Ion Ratio Lower Upper
78 100
77 21.8 19.2 28.8





#41
Methacrylonitrile
Concen: 17.740 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

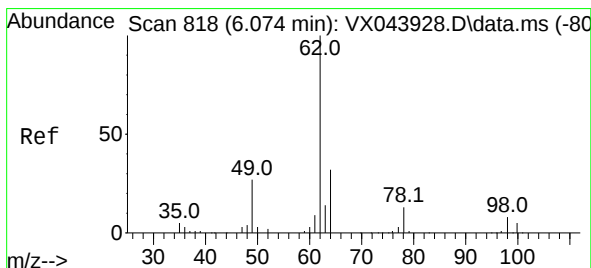
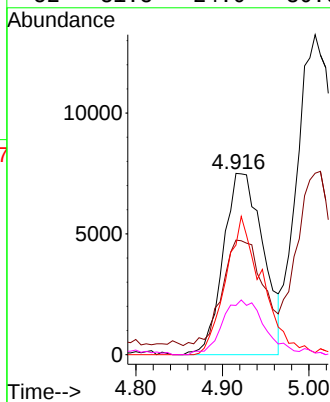
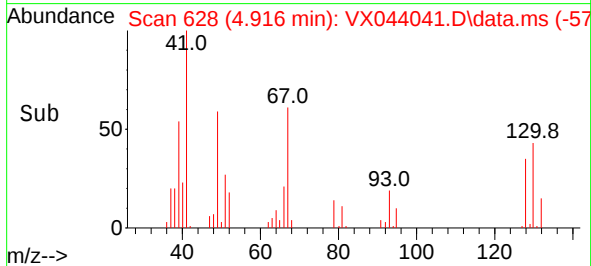
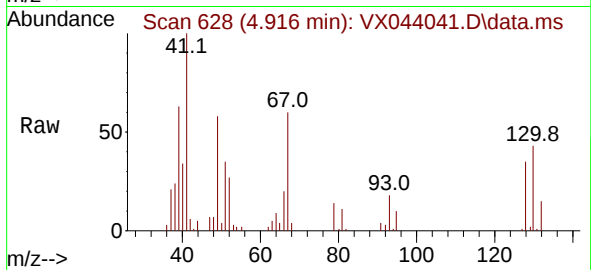
Tgt Ion: 41 Resp: 2411
Ion Ratio Lower Upper
41 100
39 59.4 41.7 62.5
67 69.8 55.8 83.8
52 31.8 24.0 36.0

Manual Integrations

APPROVED

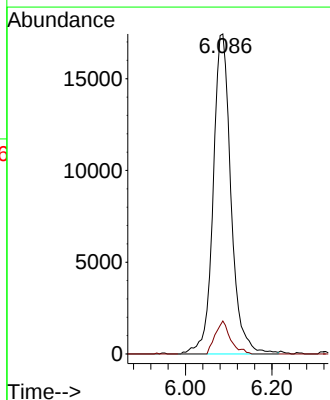
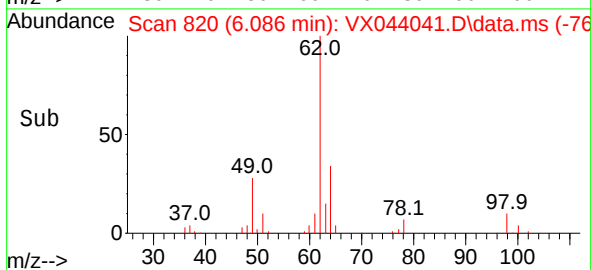
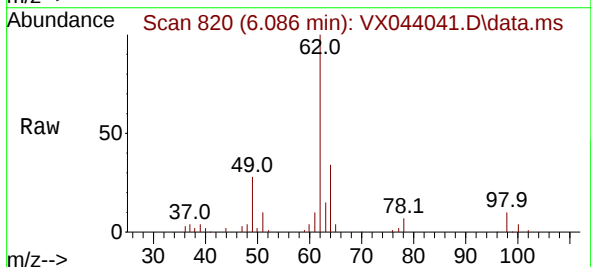
Reviewed By :John Carlone 12/02/2024

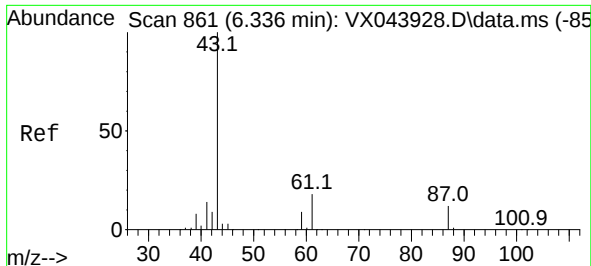
Supervised By :Mahesh Dadoda 12/02/2024



#42
1,2-Dichloroethane
Concen: 18.656 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.012 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 62 Resp: 49932
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.4





#43

Isopropyl Acetate

Concen: 17.919 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion: 43 Resp: 7573

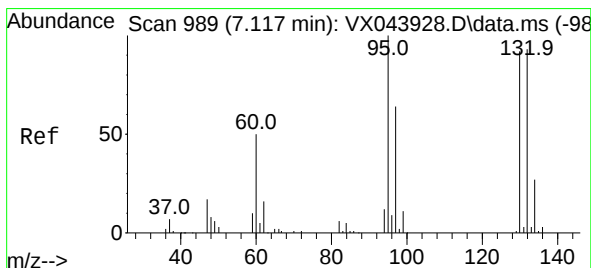
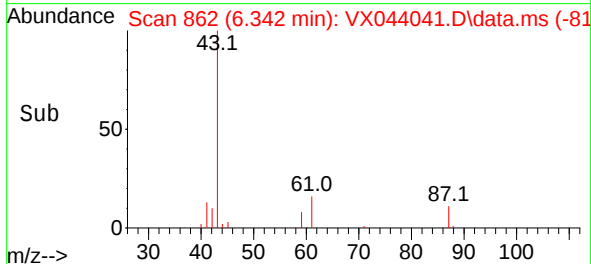
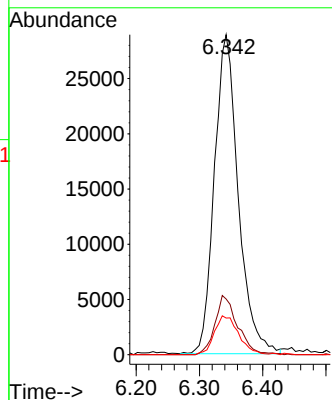
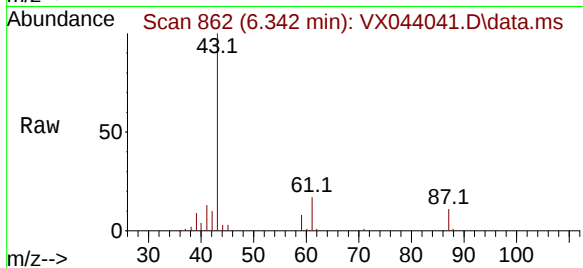
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.5	21.7
87	12.4	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#44

Trichloroethene

Concen: 14.918 ug/l

RT: 7.123 min Scan# 990

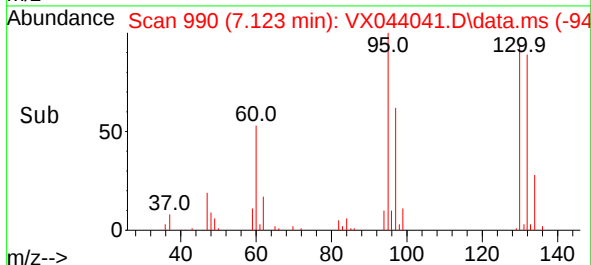
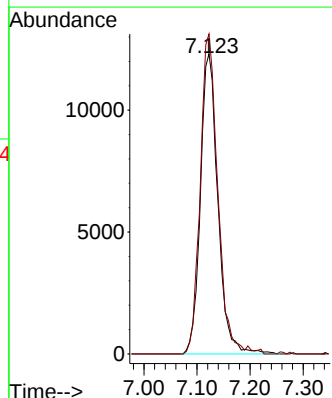
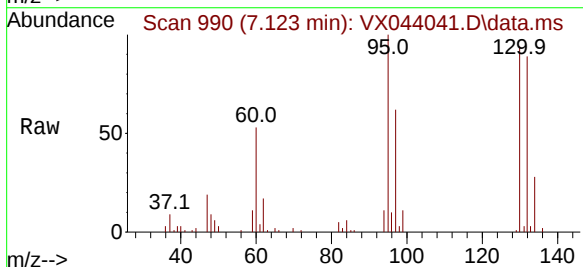
Delta R.T. 0.006 min

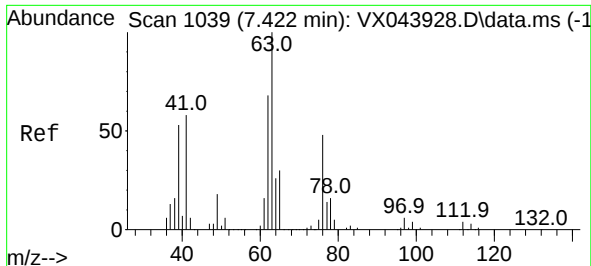
Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Tgt Ion:130 Resp: 28142

Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	217.8





#45

1,2-Dichloropropane

Concen: 18.217 ug/l

RT: 7.427 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion: 63 Resp: 29734

Ion Ratio Lower Upper

63 100

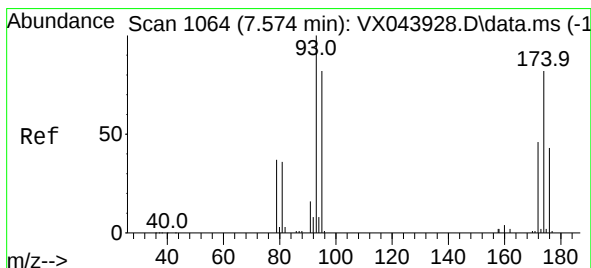
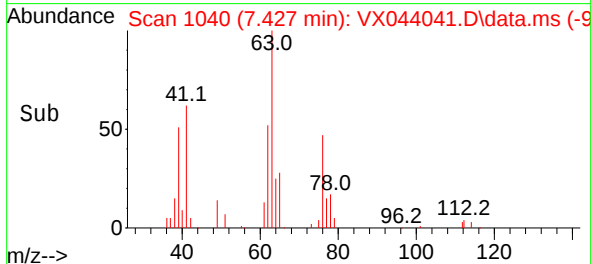
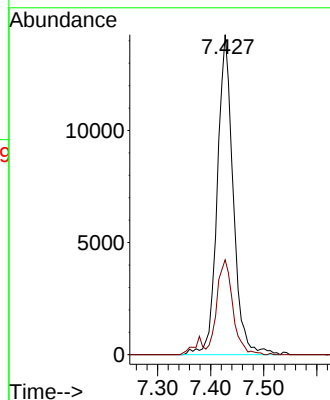
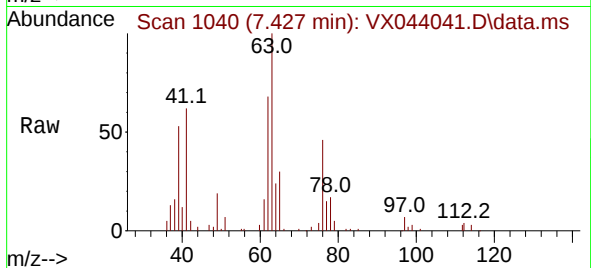
65 29.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#46

Dibromomethane

Concen: 18.085 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

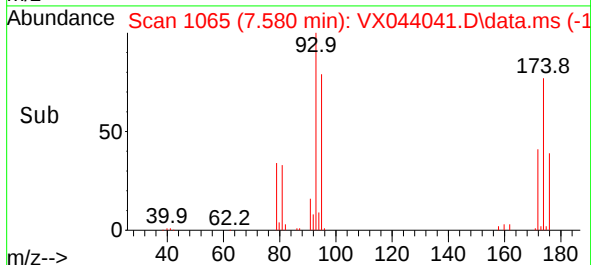
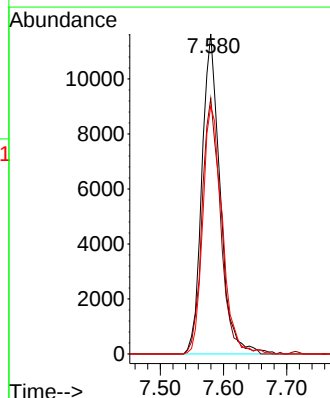
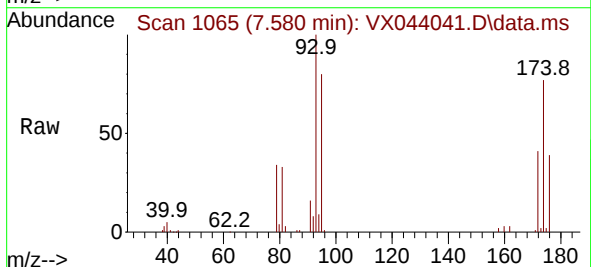
Tgt Ion: 93 Resp: 23350

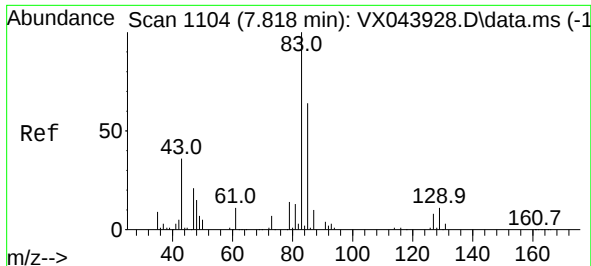
Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.4

174 82.2 69.6 104.4





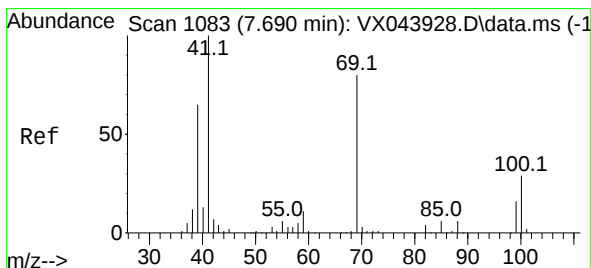
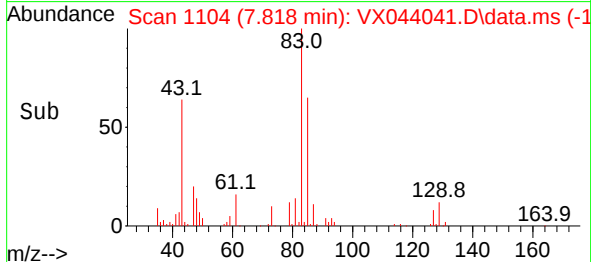
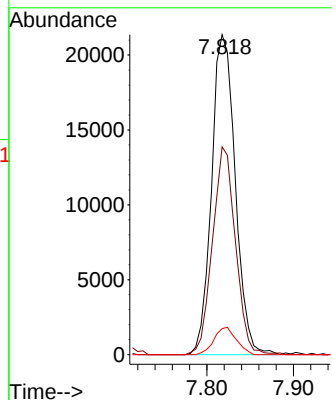
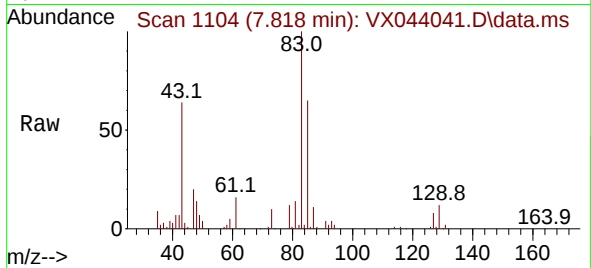
#47
Bromodichloromethane
Concen: 17.522 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 83 Resp: 40574
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0
127 8.2 6.6 10.0

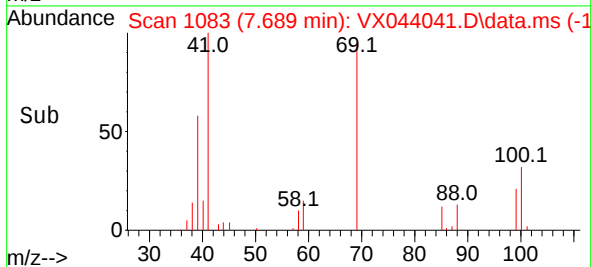
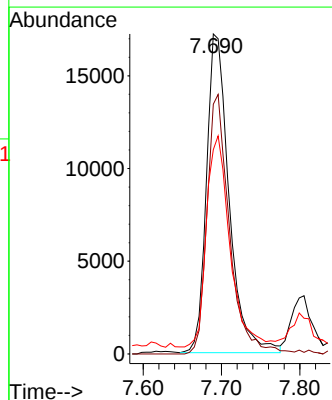
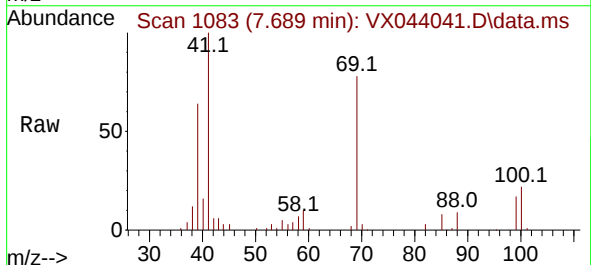
Manual Integrations
APPROVED

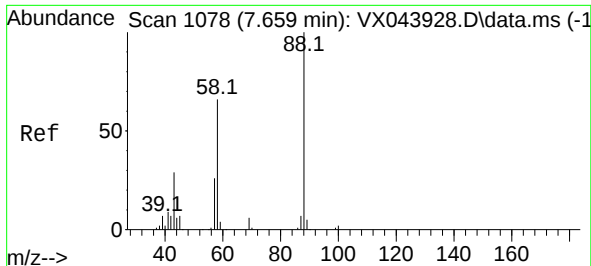
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#48
Methyl methacrylate
Concen: 17.019 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 41 Resp: 34514
Ion Ratio Lower Upper
41 100
69 80.5 64.6 97.0
39 68.5 53.3 79.9





#49

1,4-Dioxane

Concen: 296.503 ug/l

RT: 7.671 min Scan# 1071

Delta R.T. 0.012 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

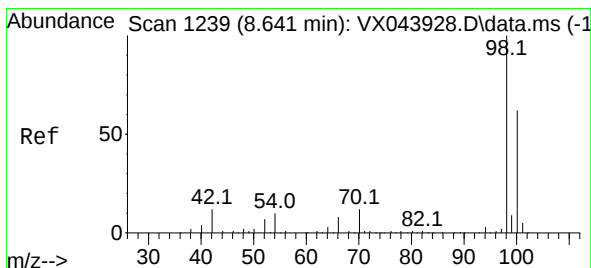
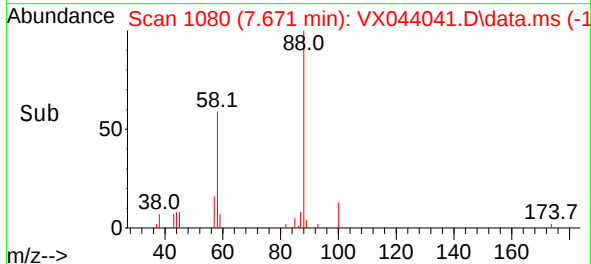
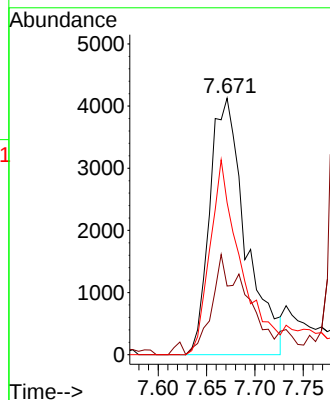
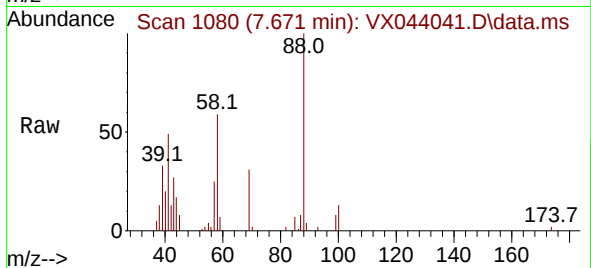
Tgt Ion: 88	Resp: 1071
Ion Ratio	Lower Upper
88	100
43	37.6 26.8 40.2
58	65.5 45.4 68.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#50

Toluene-d8

Concen: 47.066 ug/l

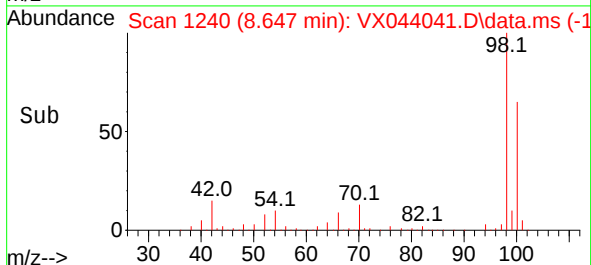
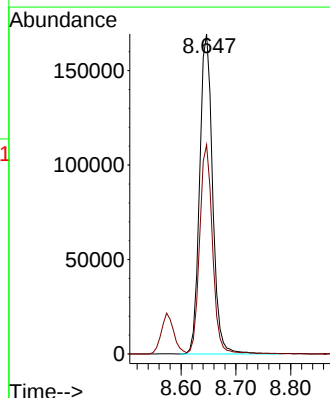
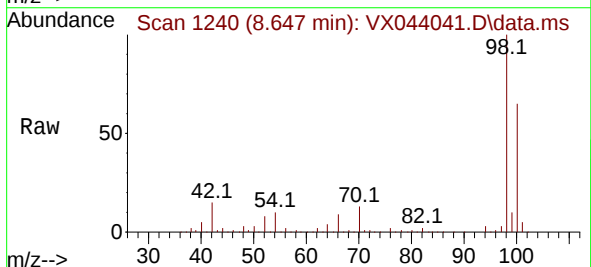
RT: 8.647 min Scan# 1240

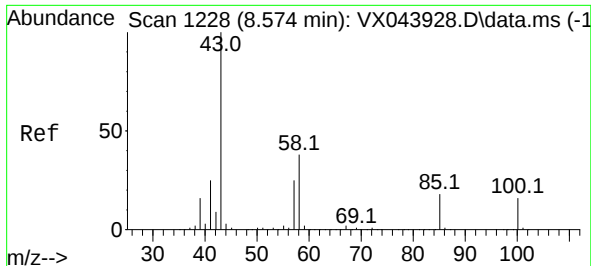
Delta R.T. 0.006 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Tgt Ion: 98	Resp: 278542
Ion Ratio	Lower Upper
98	100
100	64.4 52.6 79.0





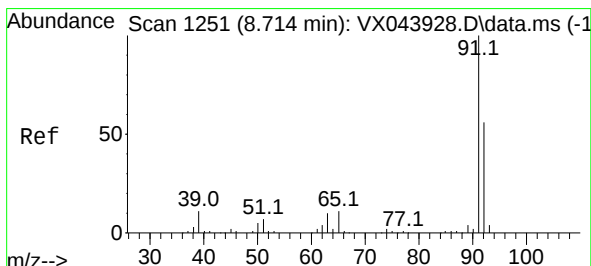
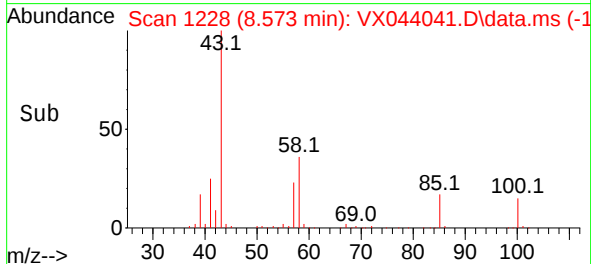
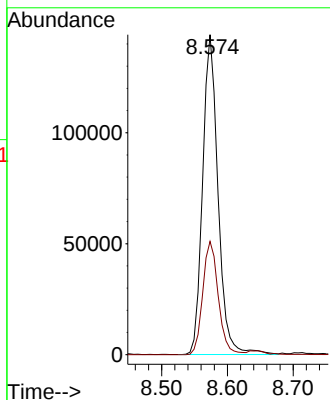
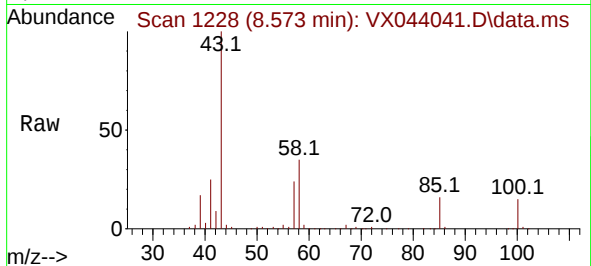
#51
4-Methyl-2-Pentanone
Concen: 91.258 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 43 Resp: 23536
Ion Ratio Lower Upper
43 100
58 35.7 30.0 45.0

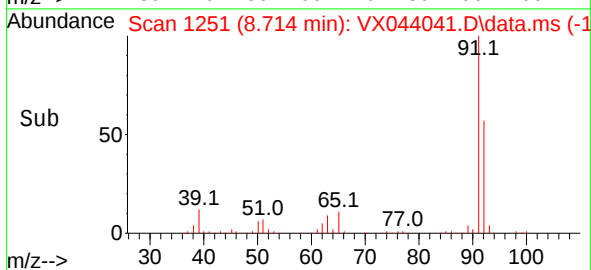
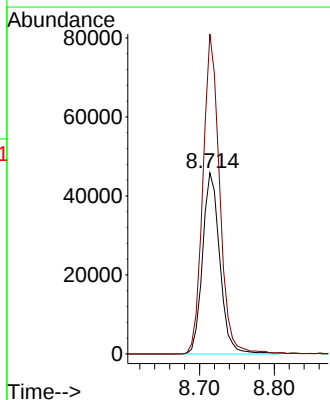
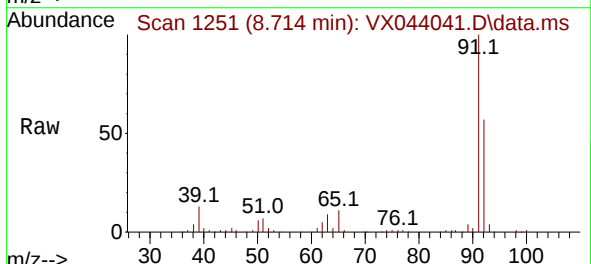
Manual Integrations
APPROVED

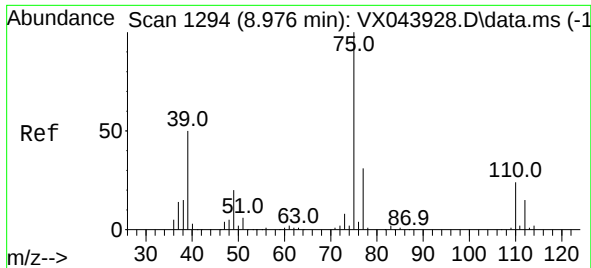
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#52
Toluene
Concen: 18.423 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 92 Resp: 73481
Ion Ratio Lower Upper
92 100
91 171.7 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 17.168 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion: 75 Resp: 40540

Ion Ratio Lower Upper

75 100

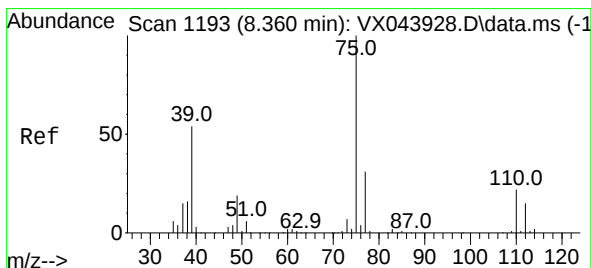
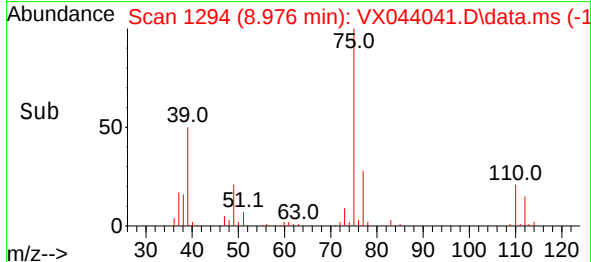
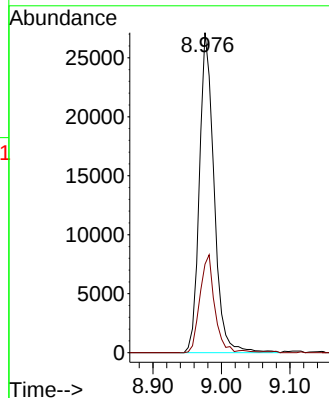
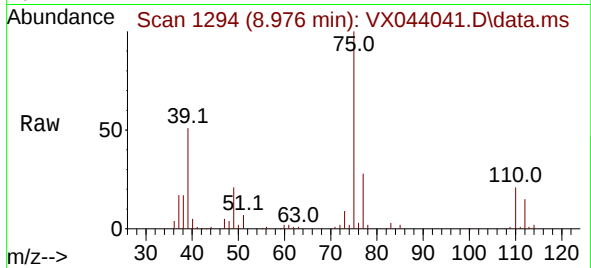
77 27.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#54

cis-1,3-Dichloropropene

Concen: 17.215 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

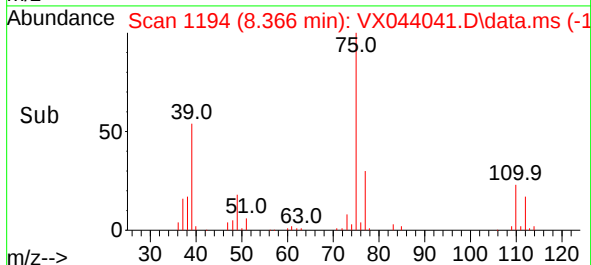
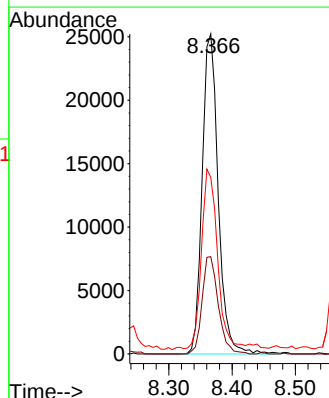
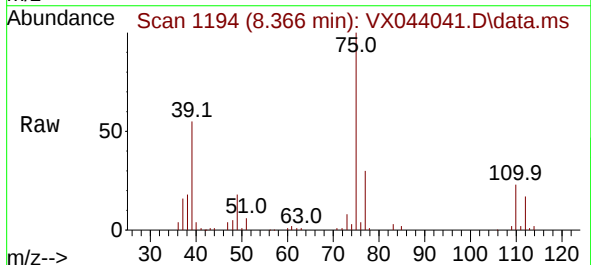
Tgt Ion: 75 Resp: 44564

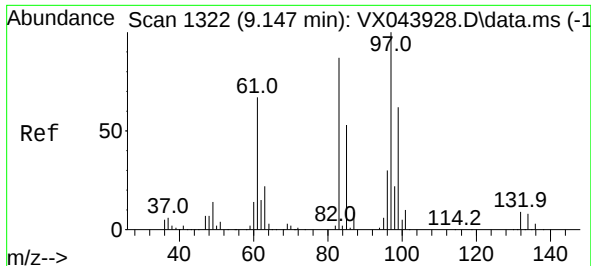
Ion Ratio Lower Upper

75 100

77 30.4 25.2 37.8

39 53.1 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 17.736 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

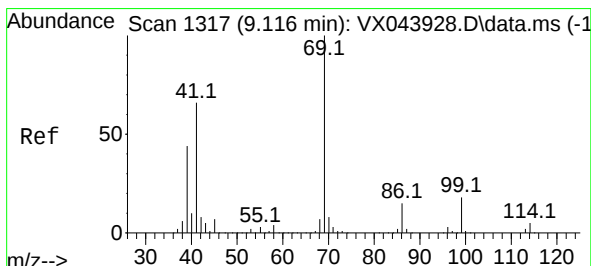
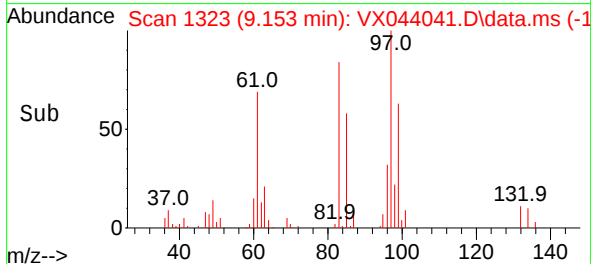
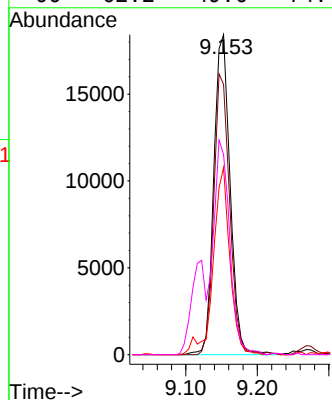
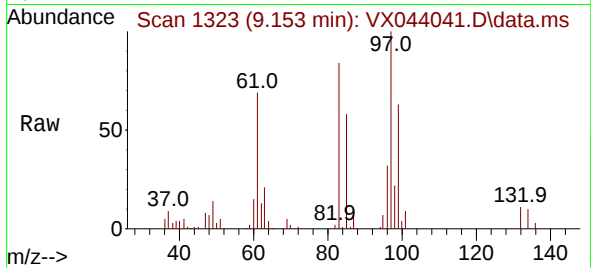
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 97 Resp: 2920

Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.4	104.0
85	58.5	42.3	63.5
99	62.2	49.6	74.4

Manual Integrations
APPROVED

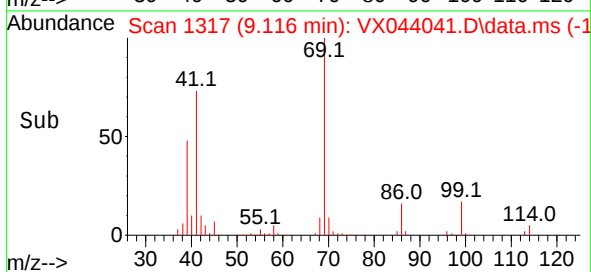
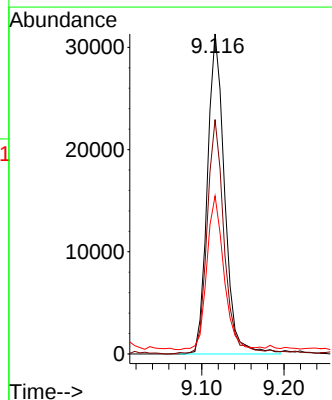
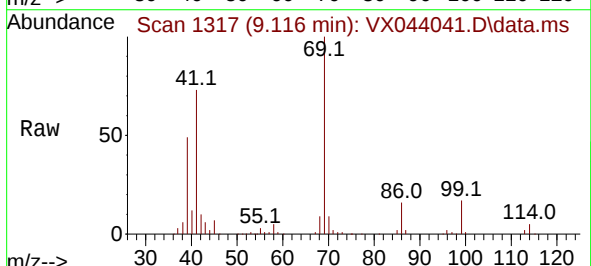
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

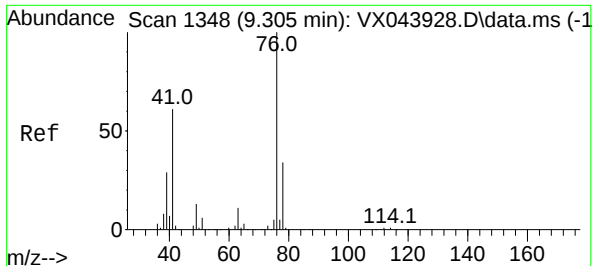


#56
Ethyl methacrylate
Concen: 17.768 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 69 Resp: 45568

Ion	Ratio	Lower	Upper
69	100		
41	72.4	55.8	83.8
39	47.4	36.7	55.1





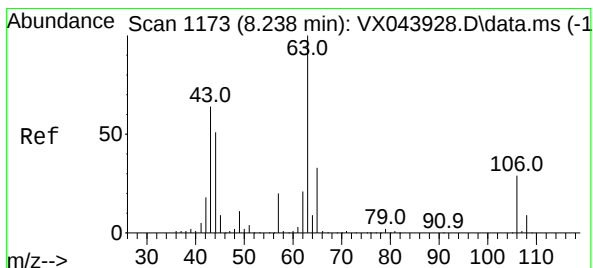
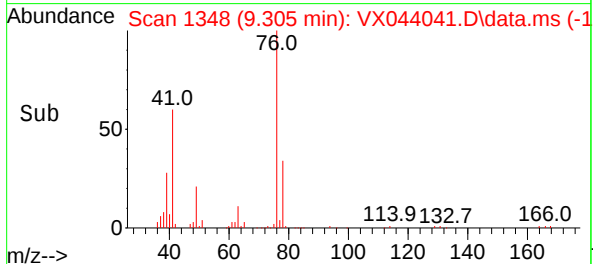
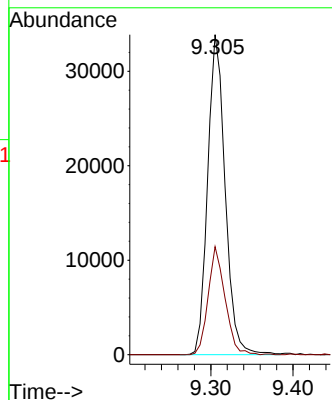
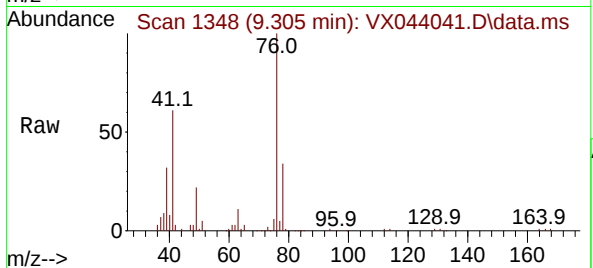
#57
1,3-Dichloropropane
Concen: 18.037 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 76 Resp: 50028
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

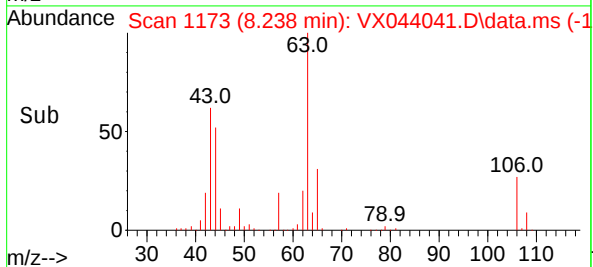
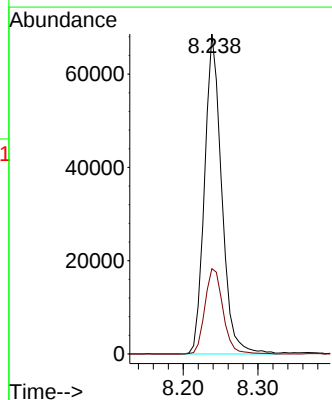
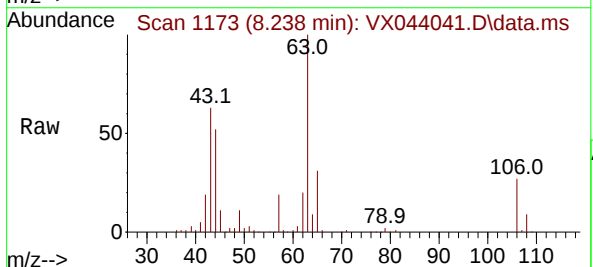
Manual Integrations
APPROVED

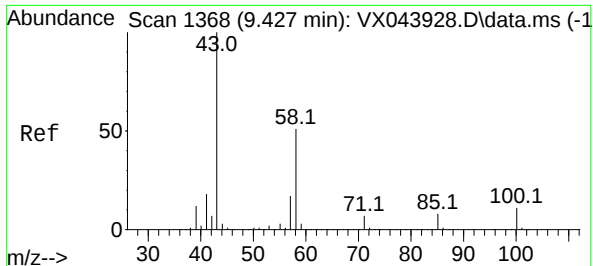
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#58
2-Chloroethyl Vinyl ether
Concen: 77.153 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

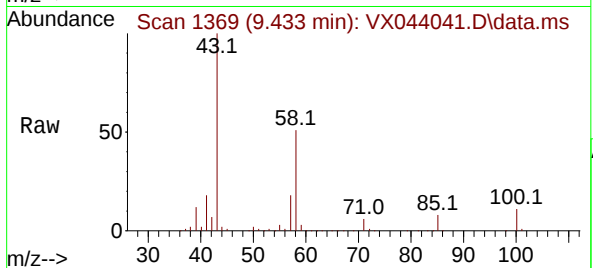
Tgt Ion: 63 Resp: 109304
Ion Ratio Lower Upper
63 100
106 28.1 23.0 34.6





#59
2-Hexanone
Concen: 88.628 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

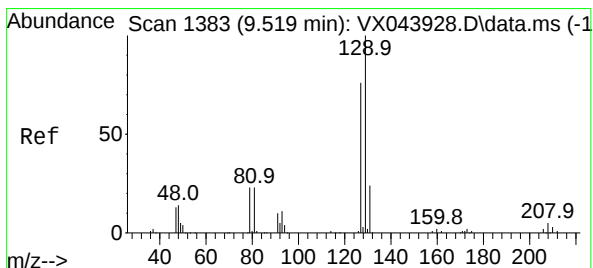
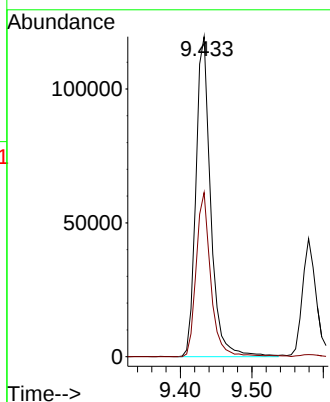
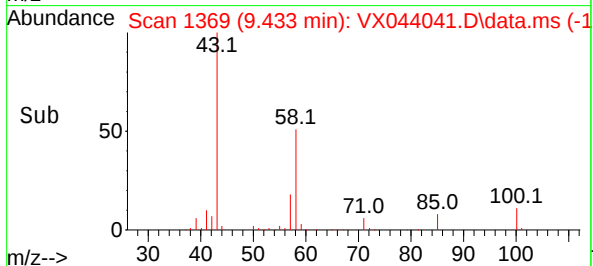
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01



Tgt Ion: 43 Resp: 171810
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.6

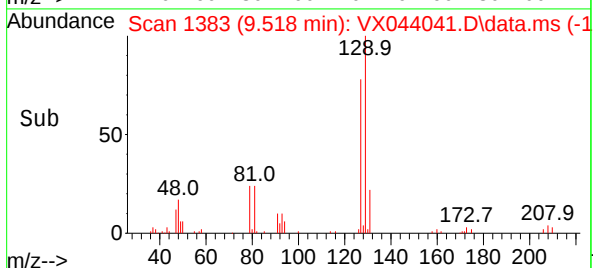
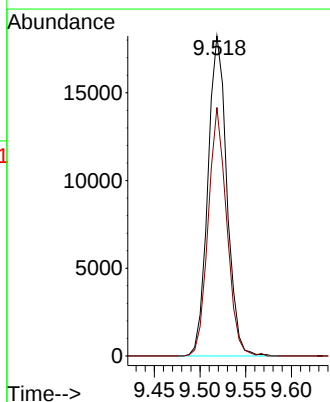
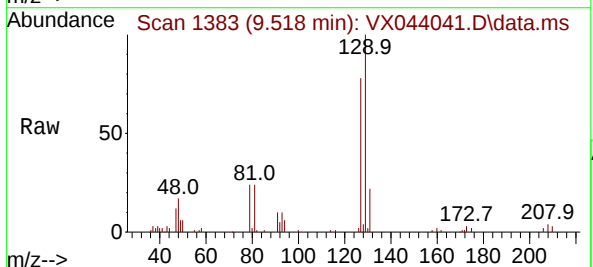
Manual Integrations
APPROVED

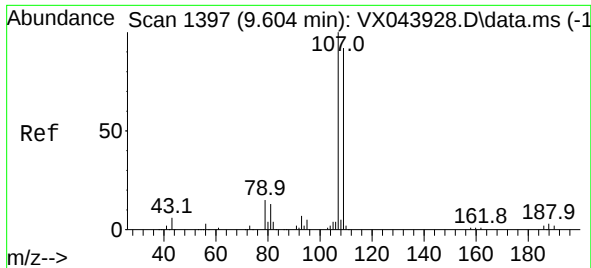
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#60
Dibromochloromethane
Concen: 15.919 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion:129 Resp: 26298
Ion Ratio Lower Upper
129 100
127 75.6 38.2 114.6





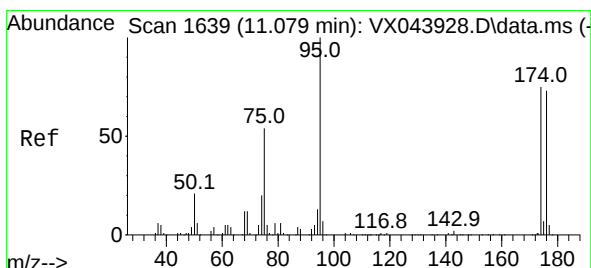
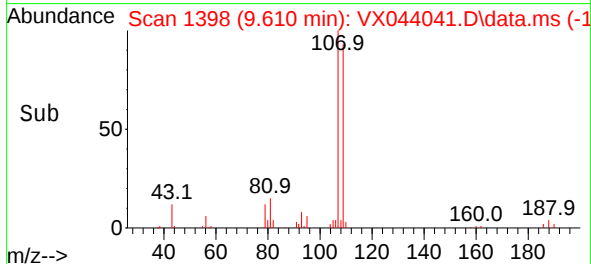
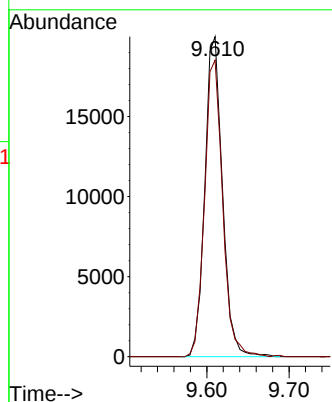
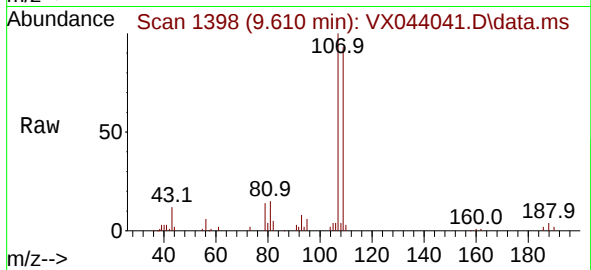
#61
1,2-Dibromoethane
Concen: 17.850 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion:107 Resp: 29718
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

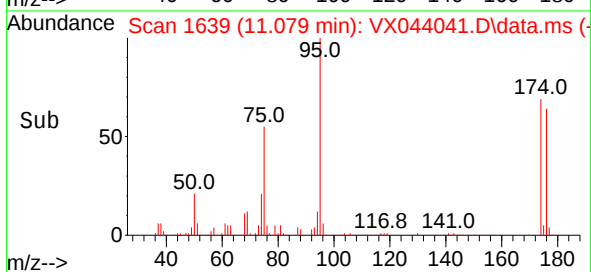
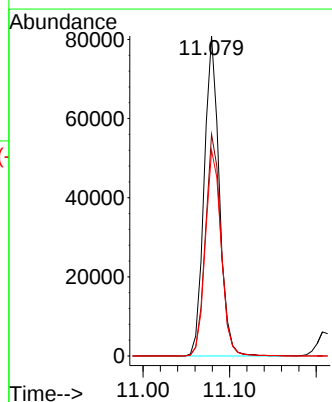
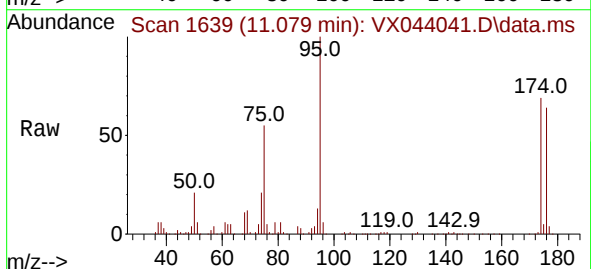
Manual Integrations
APPROVED

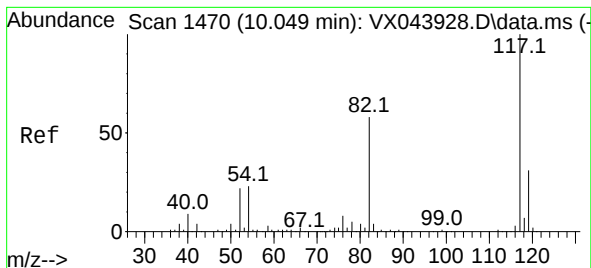
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#62
4-Bromofluorobenzene
Concen: 48.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

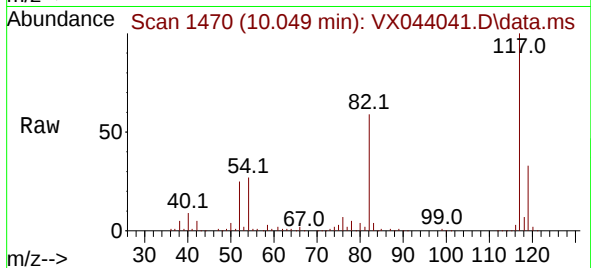
Tgt Ion: 95 Resp: 97608
Ion Ratio Lower Upper
95 100
174 71.4 0.0 150.4
176 67.7 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

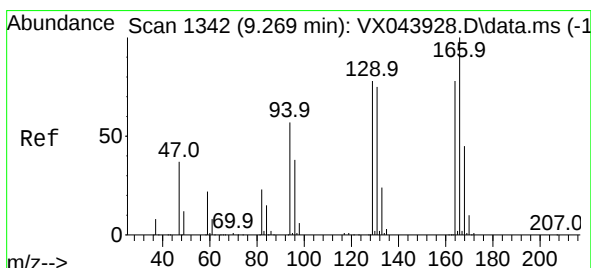
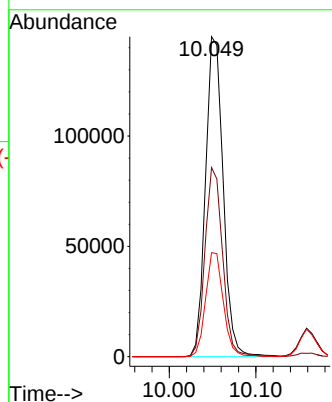
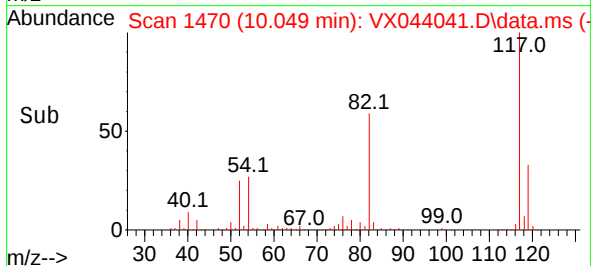
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01



Tgt Ion:117 Resp: 205658
Ion Ratio Lower Upper
117 100
82 59.1 46.4 69.6
119 32.5 24.6 37.0

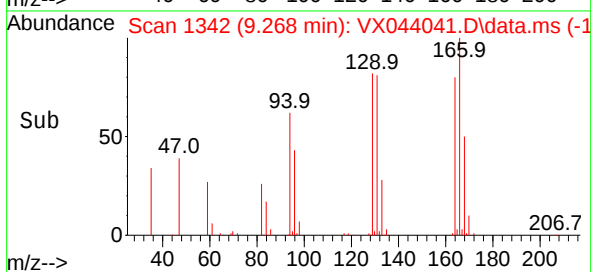
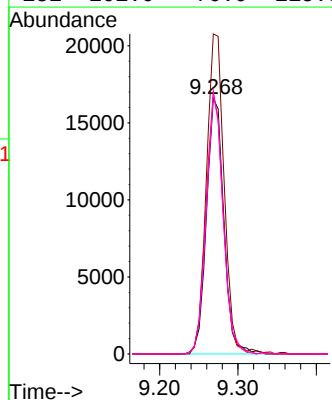
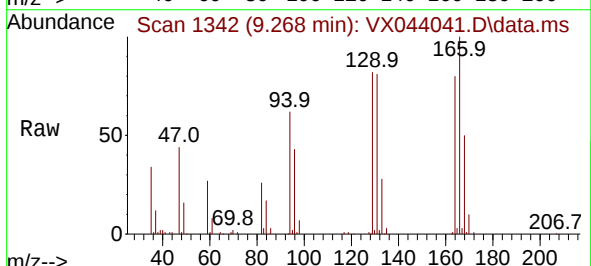
Manual Integrations
APPROVED

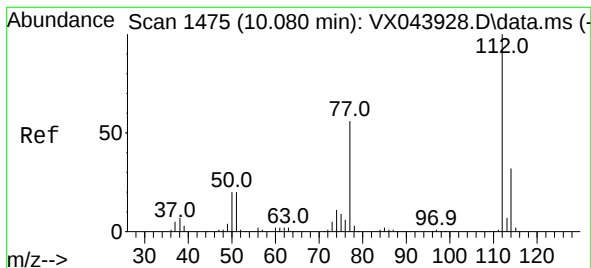
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#64
Tetrachloroethene
Concen: 18.807 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion:164 Resp: 25504
Ion Ratio Lower Upper
164 100
166 125.3 102.1 153.1
129 102.7 79.6 119.4
131 101.9 76.9 115.3





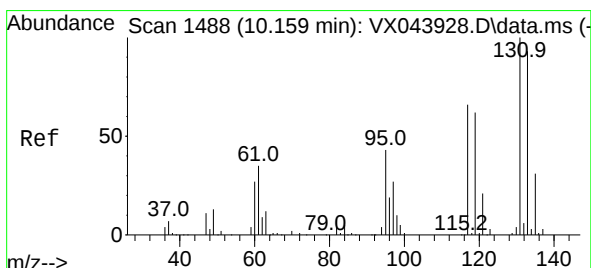
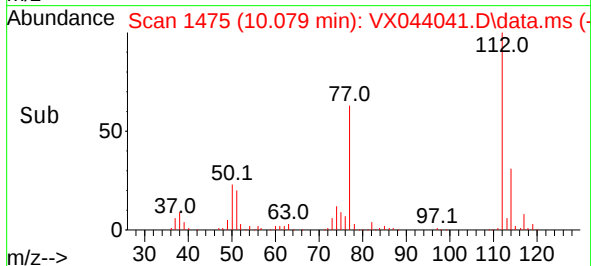
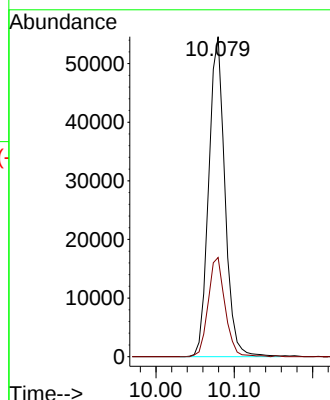
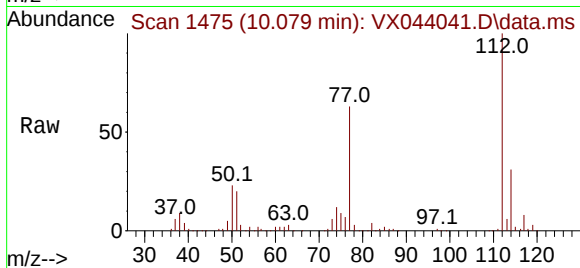
#65
Chlorobenzene
Concen: 17.363 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion:112 Resp: 78428
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0

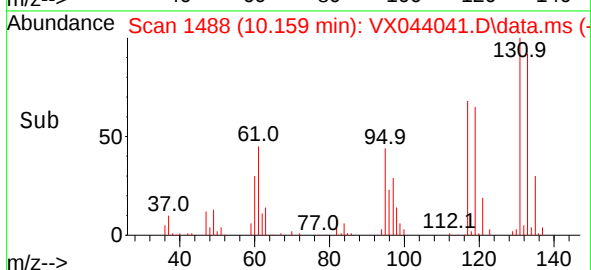
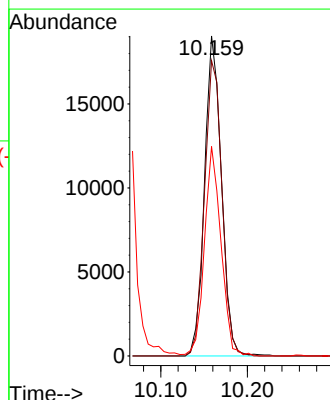
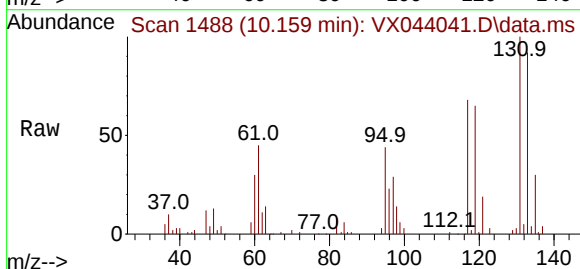
Manual Integrations
APPROVED

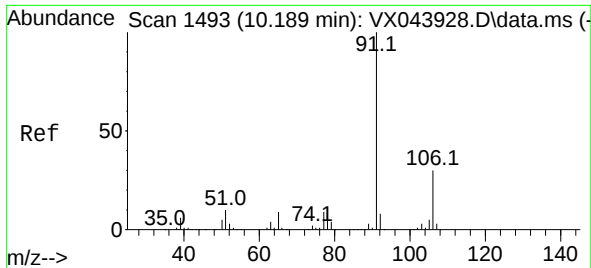
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 17.611 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion:131 Resp: 25798
Ion Ratio Lower Upper
131 100
133 95.8 48.2 144.6
119 64.2 31.5 94.5





#67

Ethyl Benzene

Concen: 18.525 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion: 91 Resp: 141788

Ion Ratio Lower Upper

91 100

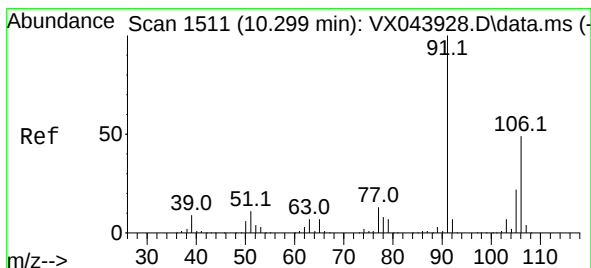
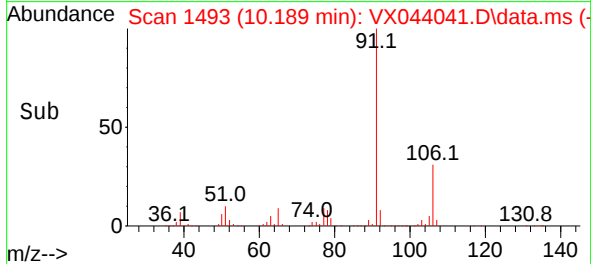
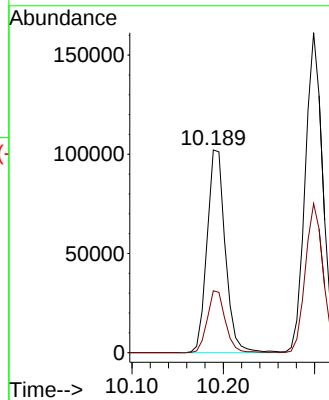
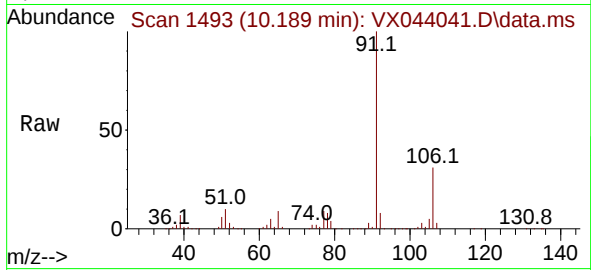
106 30.6 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#68

m/p-Xylenes

Concen: 36.057 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044041.D

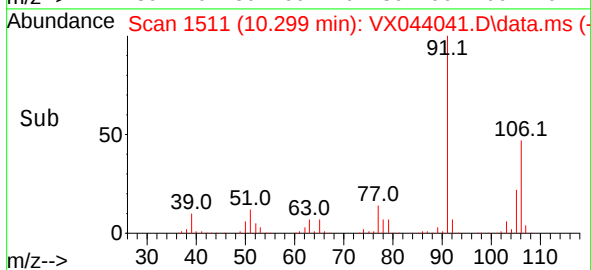
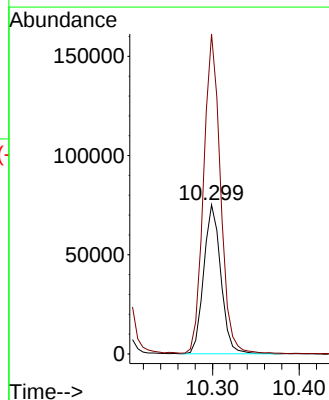
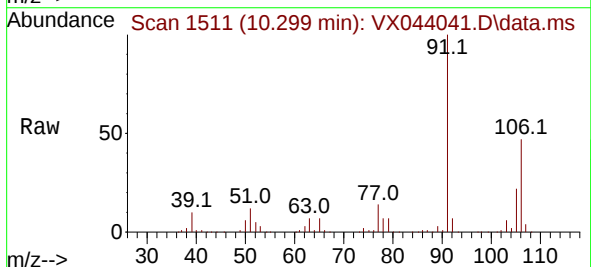
Acq: 27 Nov 2024 15:25

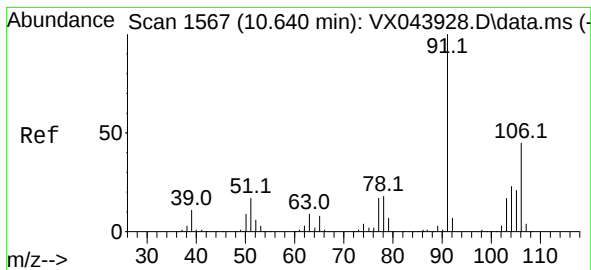
Tgt Ion:106 Resp: 102916

Ion Ratio Lower Upper

106 100

91 212.0 168.1 252.1





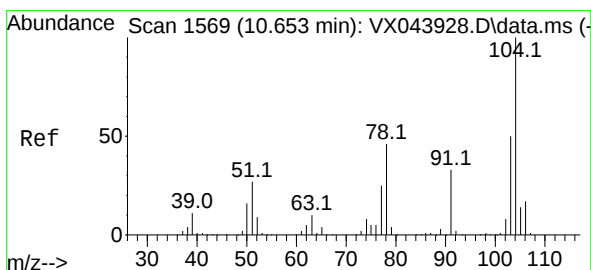
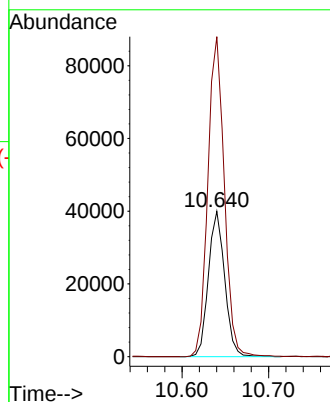
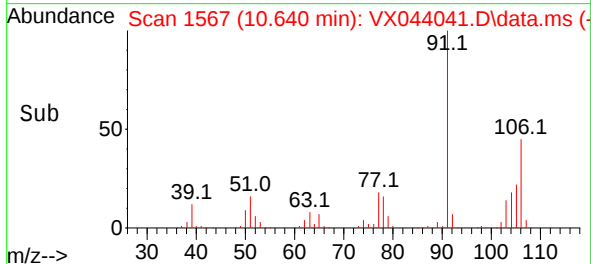
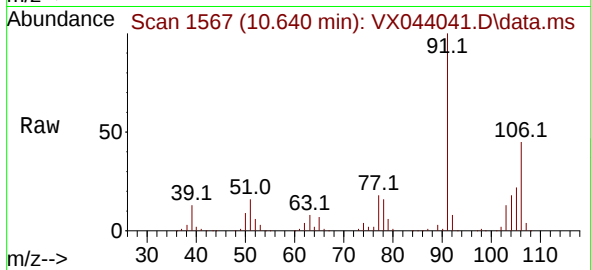
#69
o-Xylene
Concen: 18.776 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion:106 Resp: 52324
Ion Ratio Lower Upper
106 100
91 221.8 110.2 330.6

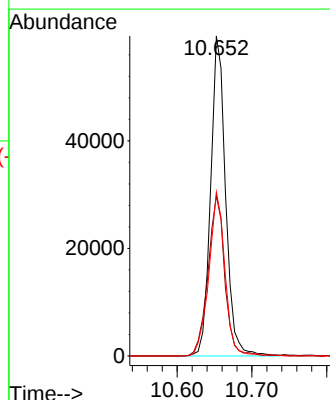
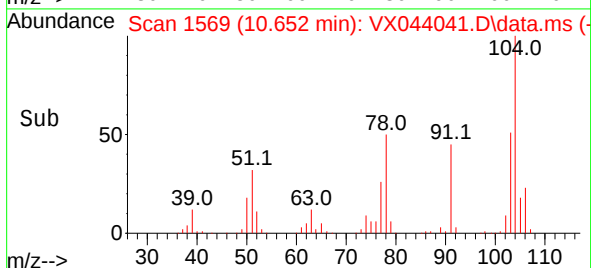
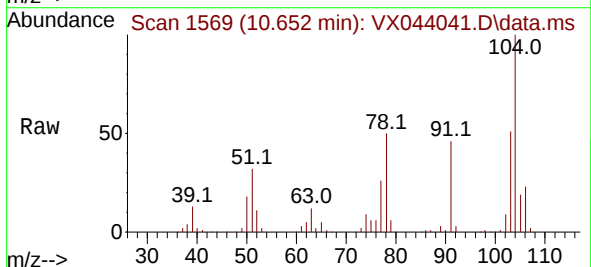
Manual Integrations
APPROVED

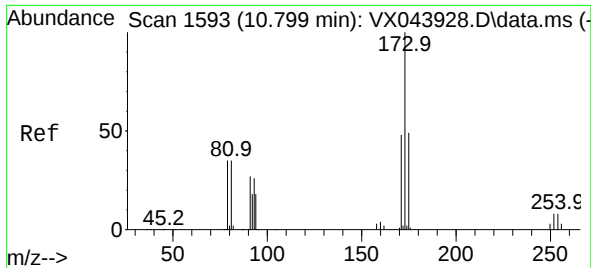
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#70
Styrene
Concen: 17.980 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

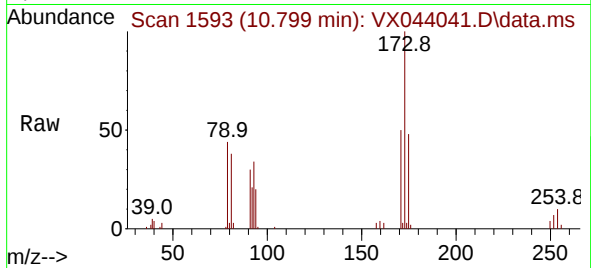
Tgt Ion:104 Resp: 82874
Ion Ratio Lower Upper
104 100
78 55.9 42.2 63.2
103 55.2 44.7 67.1





#71
Bromoform
Concen: 14.652 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

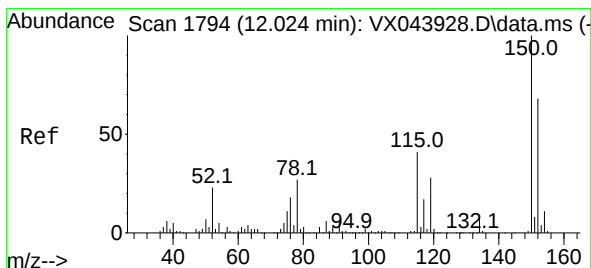
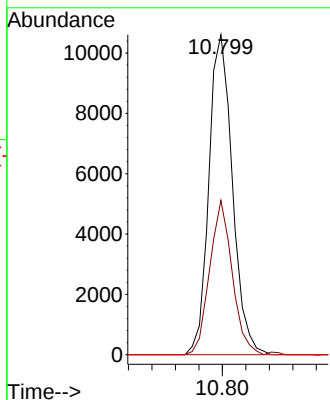
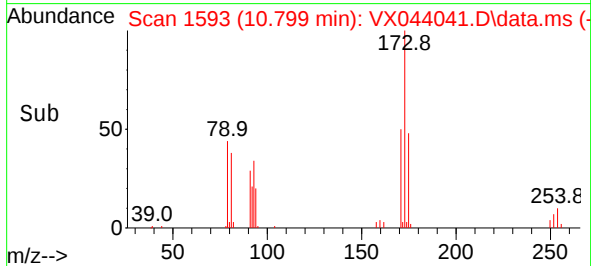
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01



Tgt Ion:173 Resp: 14739
Ion Ratio Lower Upper
173 100
175 46.2 24.1 72.2
254 0.0 0.0 0.0

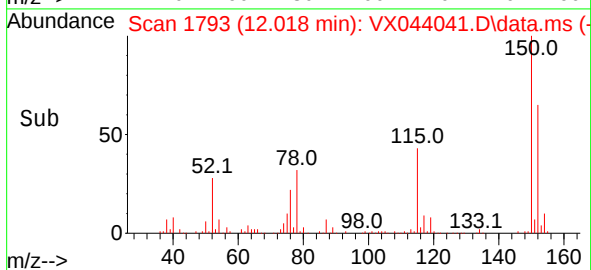
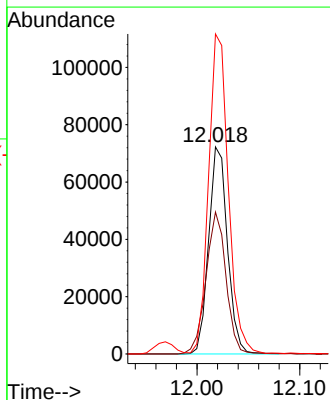
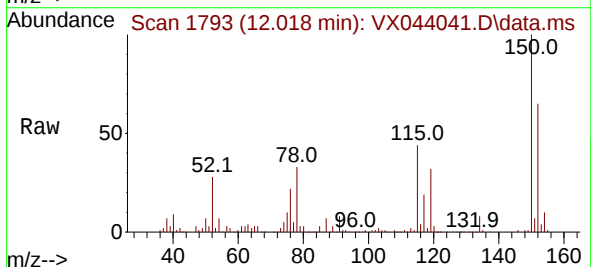
Manual Integrations
APPROVED

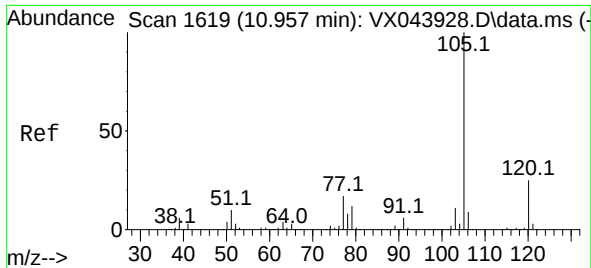
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

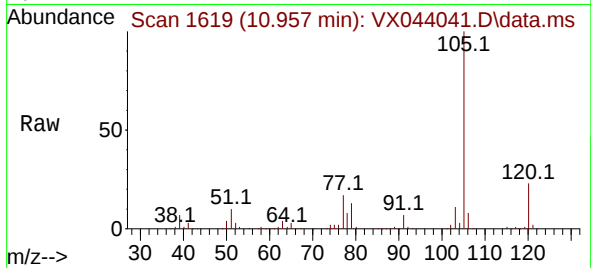
Tgt Ion:152 Resp: 92085
Ion Ratio Lower Upper
152 100
115 73.1 45.4 136.2
150 161.7 0.0 353.0





#73
Isopropylbenzene
Concen: 18.824 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

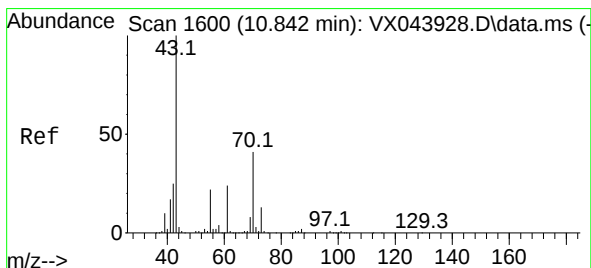
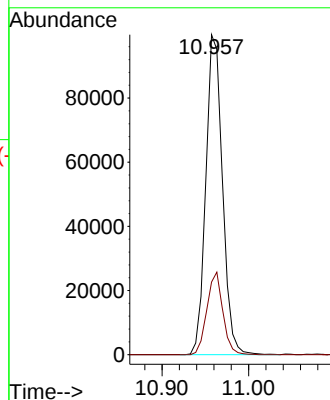
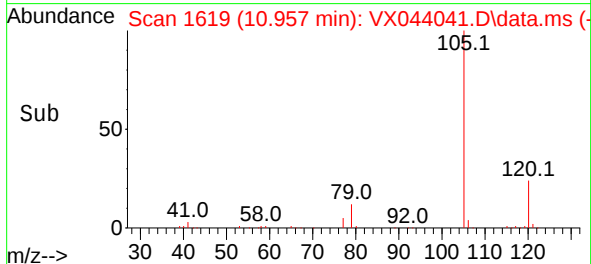
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01



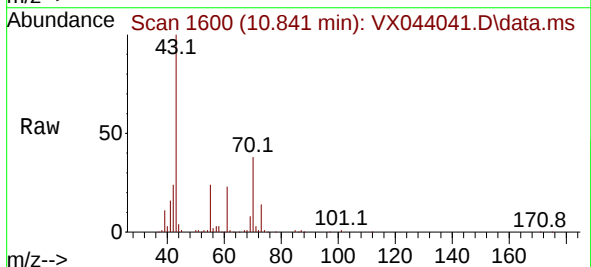
Tgt Ion:105 Resp: 133242
Ion Ratio Lower Upper
105 100
120 24.6 13.0 38.9

Manual Integrations
APPROVED

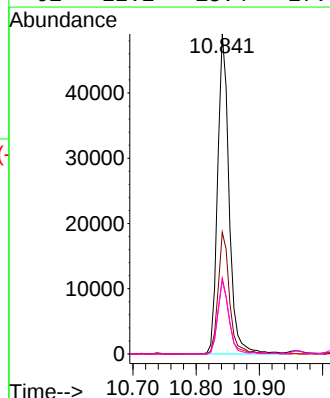
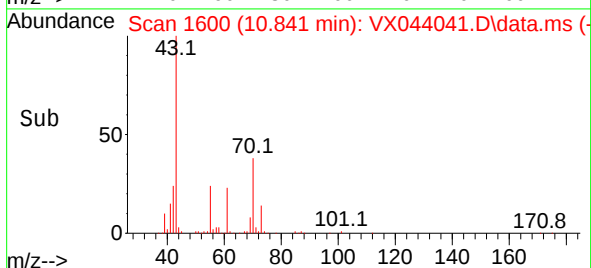
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

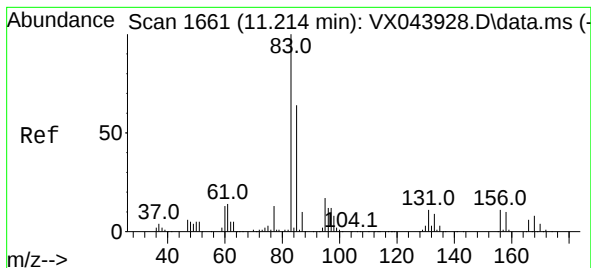


#74
N-ethyl acetate
Concen: 18.878 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25



Tgt Ion: 43 Resp: 61904
Ion Ratio Lower Upper
43 100
70 37.8 32.2 48.2
55 23.2 18.1 27.1
61 22.2 18.4 27.6





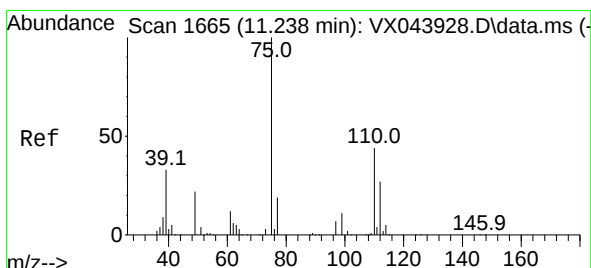
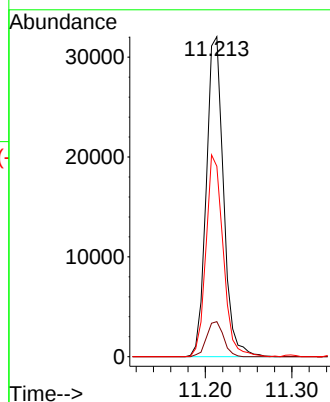
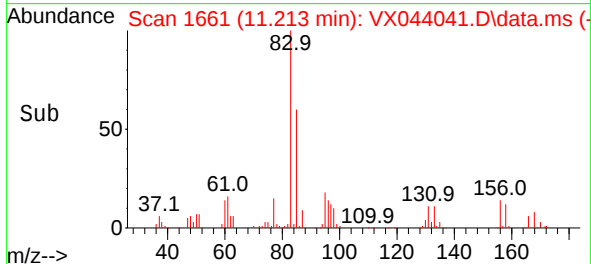
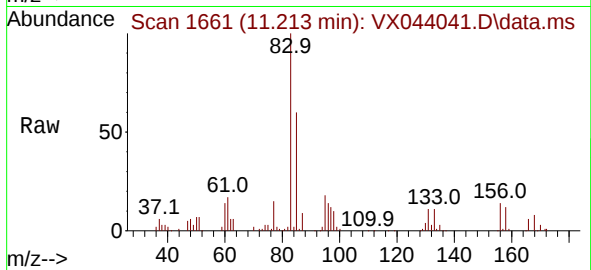
#75
1,1,2,2-Tetrachloroethane
Concen: 18.240 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 83 Resp: 44209
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.2
85 63.2 32.2 96.6

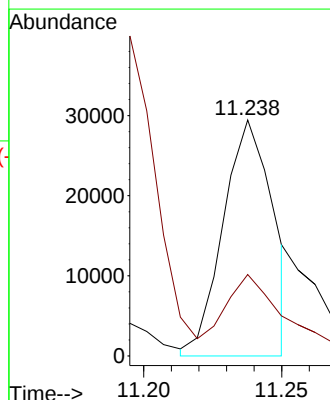
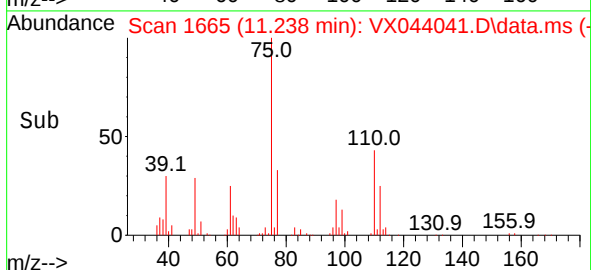
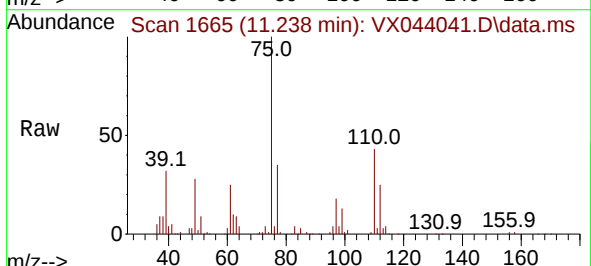
Manual Integrations
APPROVED

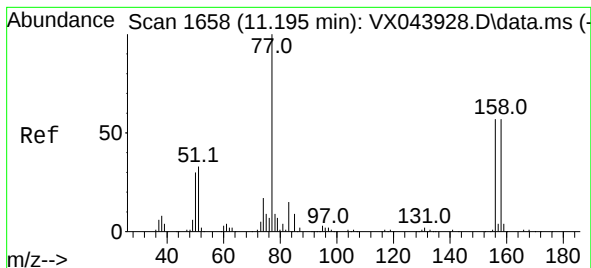
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#76
1,2,3-Trichloropropane
Concen: 18.356 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 75 Resp: 37068
Ion Ratio Lower Upper
75 100
77 42.7 21.8 65.3





#77

Bromobenzene

Concen: 18.201 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion:156 Resp: 3073

Ion Ratio Lower Upper

156 100

77 167.5 83.4 250.1

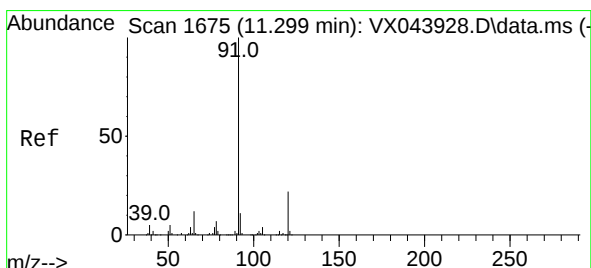
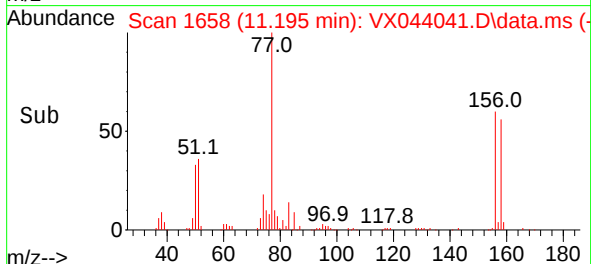
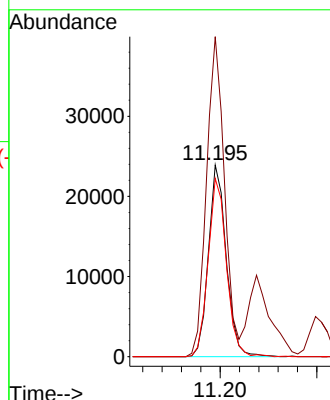
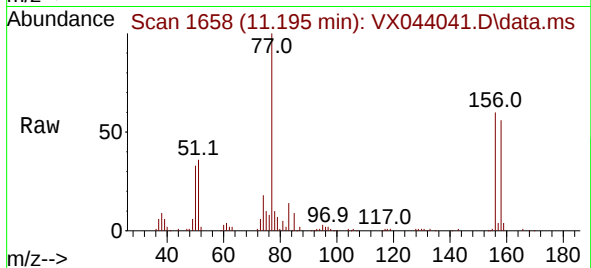
158 95.3 47.6 142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#78

n-propylbenzene

Concen: 18.876 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044041.D

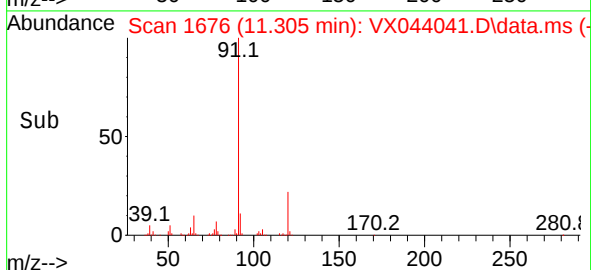
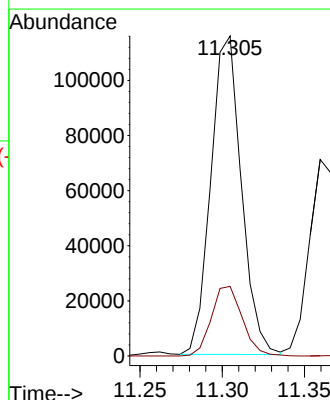
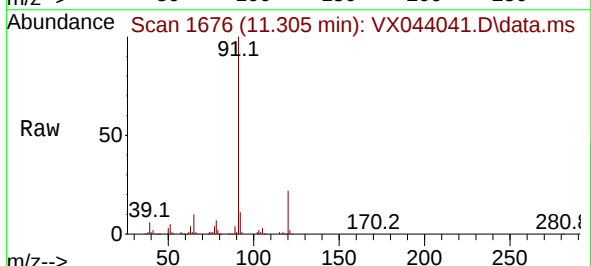
Acq: 27 Nov 2024 15:25

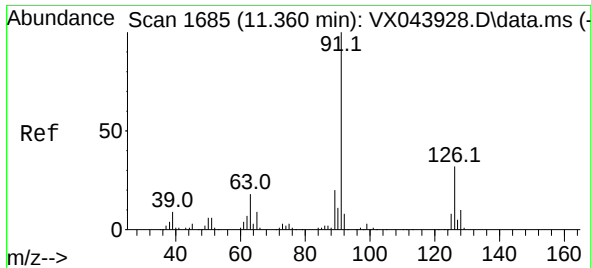
Tgt Ion: 91 Resp: 149228

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4





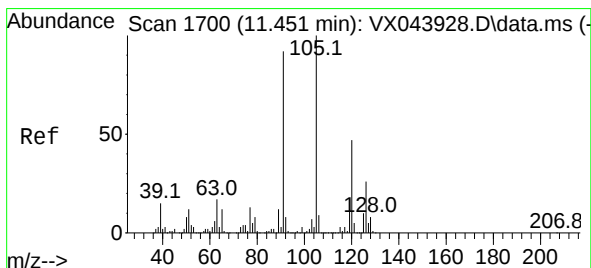
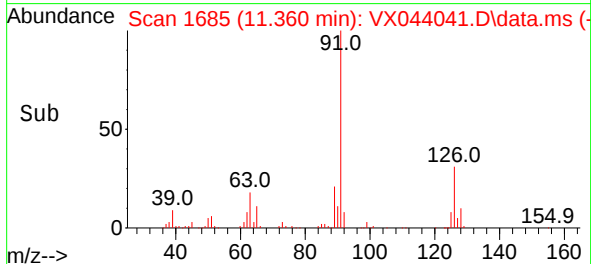
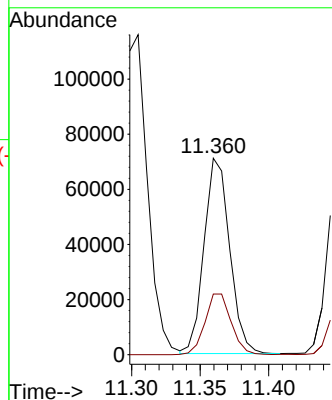
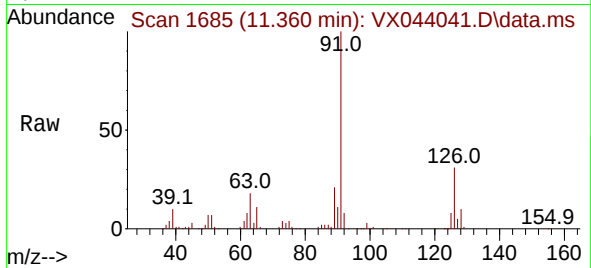
#79
2-Chlorotoluene
Concen: 18.446 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 91 Resp: 9221
Ion Ratio Lower Upper
91 100
126 31.9 16.6 49.8

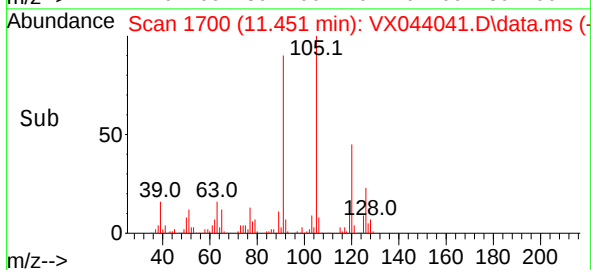
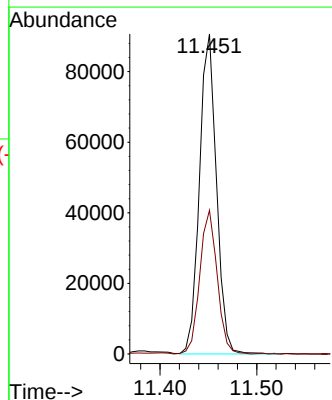
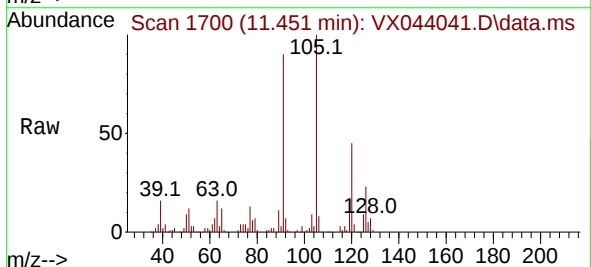
Manual Integrations
APPROVED

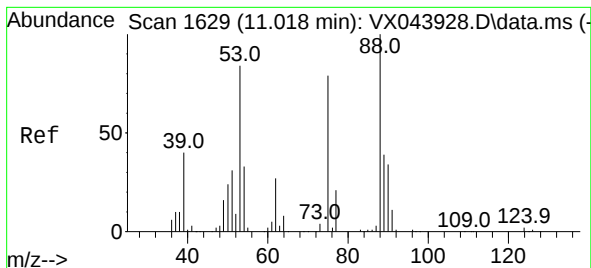
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.095 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion:105 Resp: 111198
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





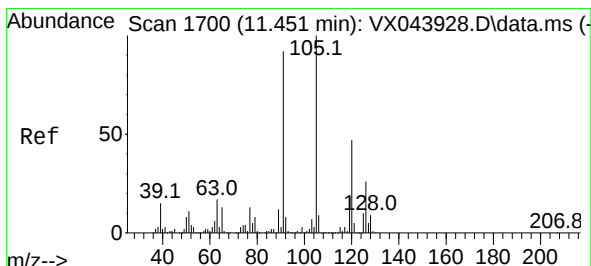
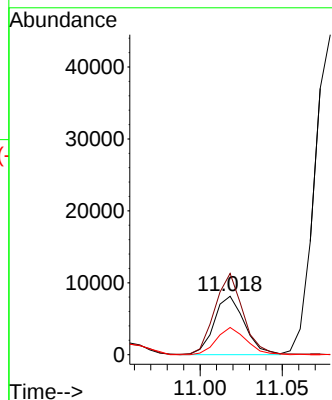
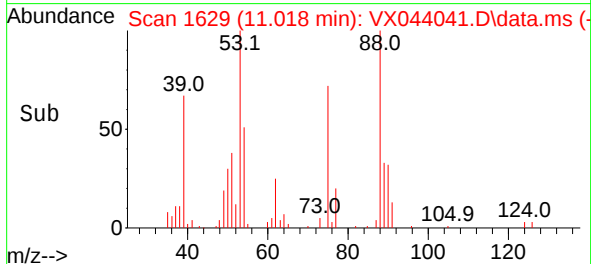
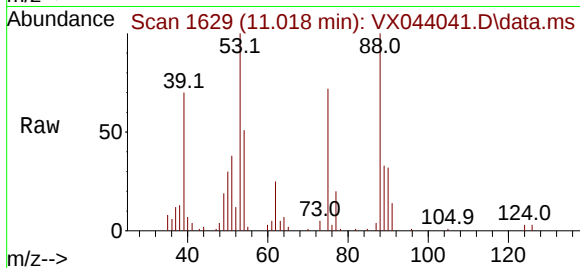
#81
trans-1,4-Dichloro-2-butene
Concen: 14.164 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion: 75 Resp: 10482
Ion Ratio Lower Upper
75 100
53 130.3 86.7 130.1
89 45.6 38.2 57.2

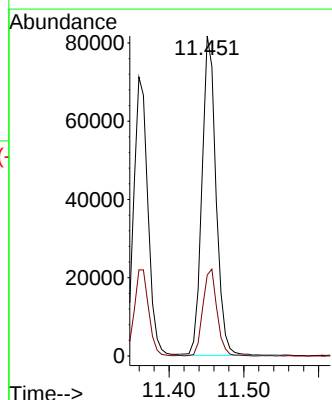
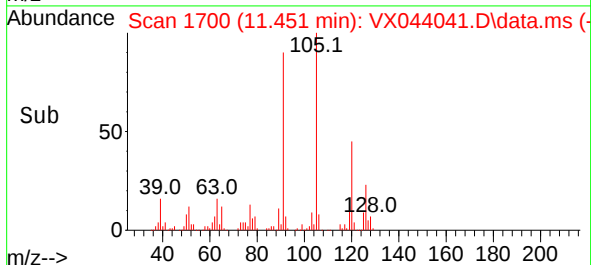
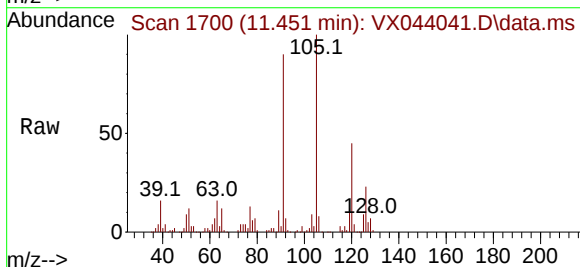
Manual Integrations
APPROVED

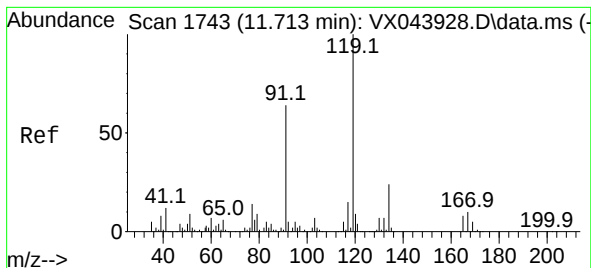
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#82
4-Chlorotoluene
Concen: 18.871 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 91 Resp: 106504
Ion Ratio Lower Upper
91 100
126 27.4 14.3 42.9





#83

tert-Butylbenzene

Concen: 18.512 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion:119 Resp: 106852

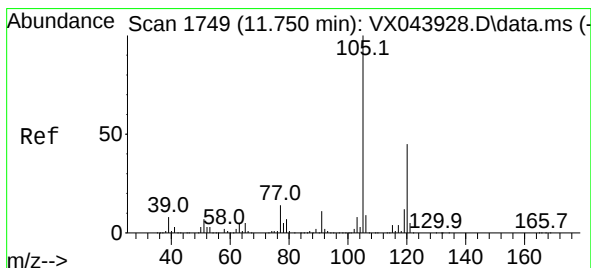
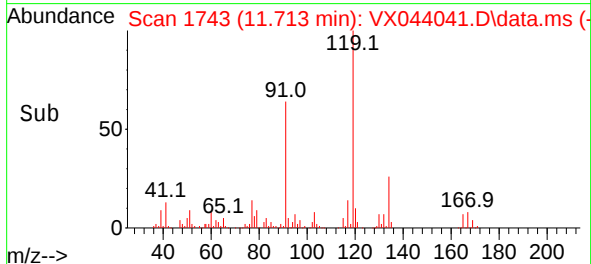
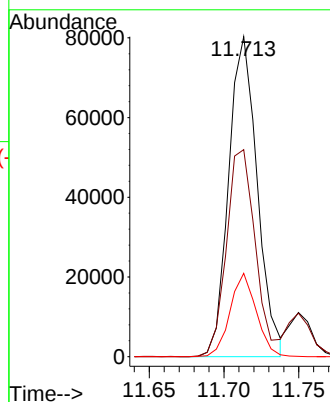
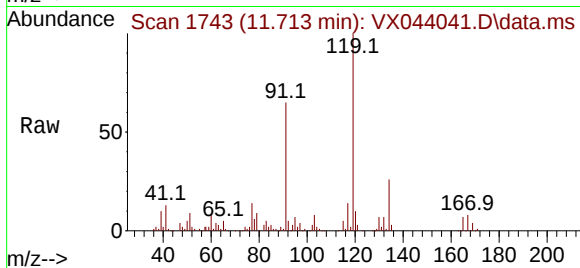
Ion	Ratio	Lower	Upper
119	100		
91	65.9	31.0	93.0
134	23.9	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#84

1,2,4-Trimethylbenzene

Concen: 19.265 ug/l

RT: 11.750 min Scan# 1749

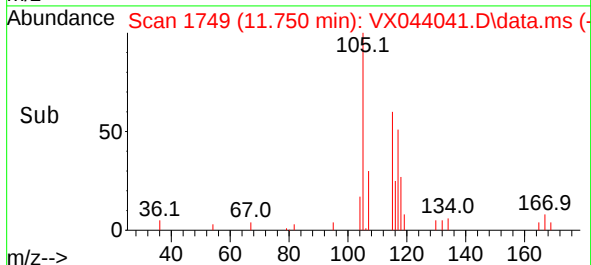
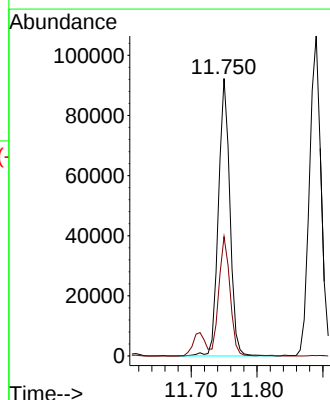
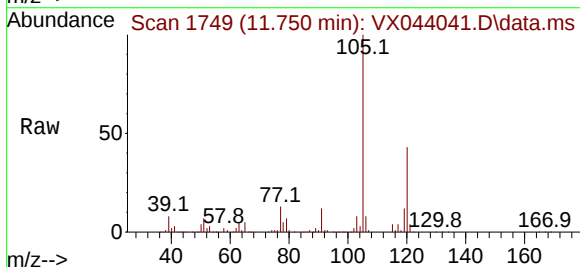
Delta R.T. -0.000 min

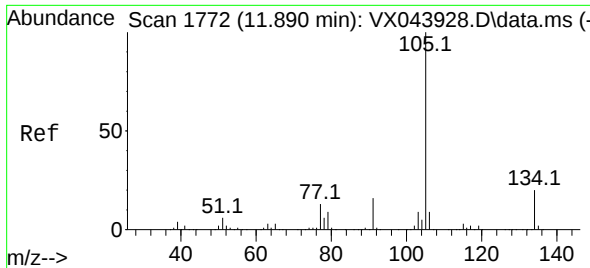
Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Tgt Ion:105 Resp: 111698

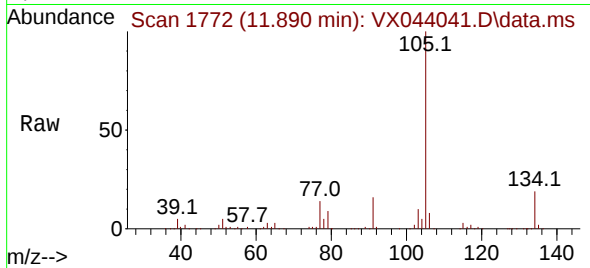
Ion	Ratio	Lower	Upper
105	100		
120	42.1	21.9	65.7





#85
 sec-Butylbenzene
 Concen: 18.487 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044041.D
 Acq: 27 Nov 2024 15:25

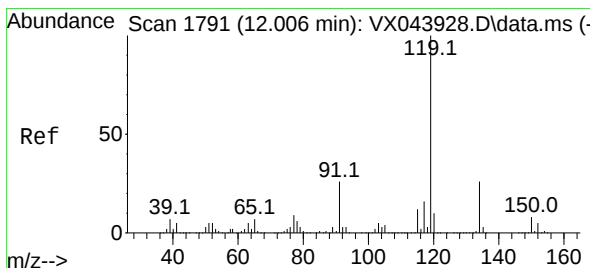
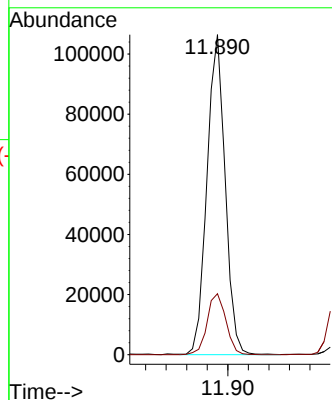
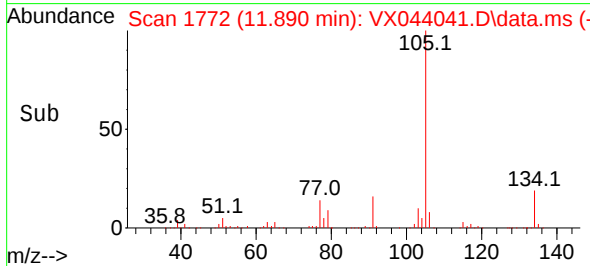
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01



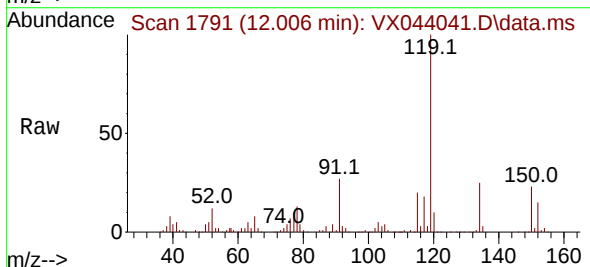
Tgt Ion:105 Resp: 13074
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1

Manual Integrations
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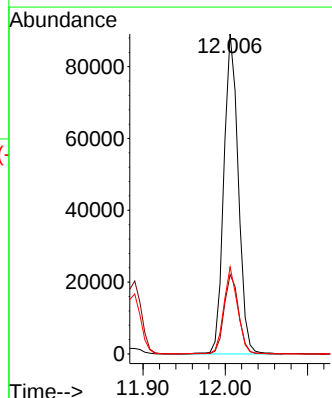
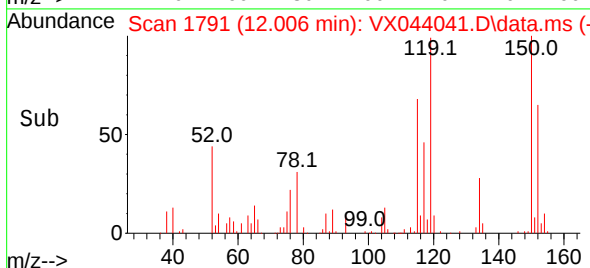
Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

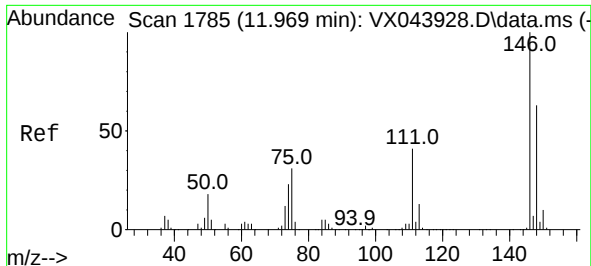


#86
 p-Isopropyltoluene
 Concen: 18.959 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX044041.D
 Acq: 27 Nov 2024 15:25



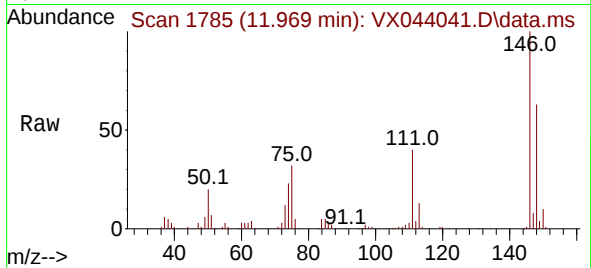
Tgt Ion:119 Resp: 108910
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.0 38.9
 91 25.7 13.0 38.9





#87
1,3-Dichlorobenzene
Concen: 17.820 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

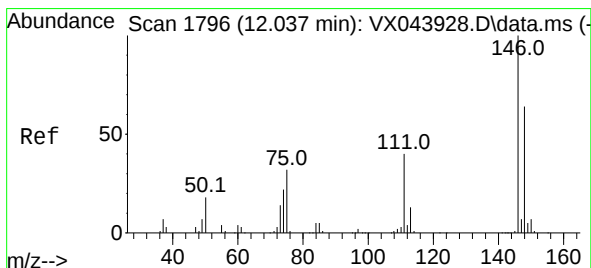
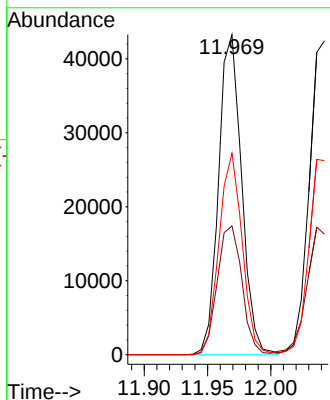
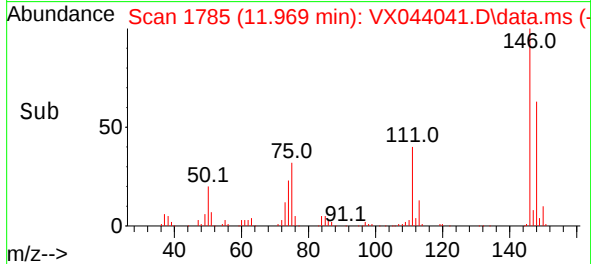
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01



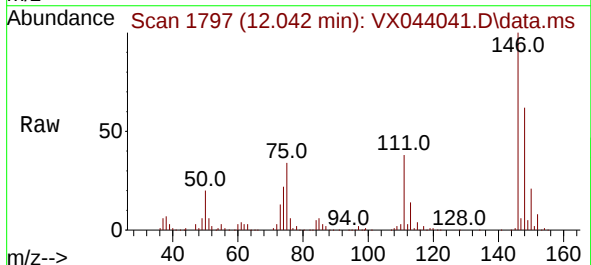
Tgt Ion:146 Resp: 54800
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.3
148 63.3 31.7 95.1

Manual Integrations
APPROVED

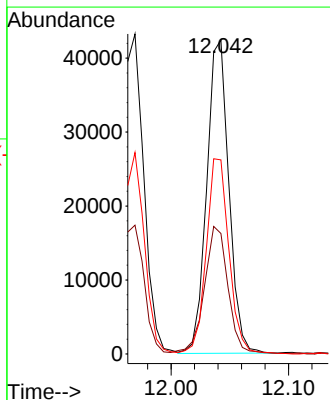
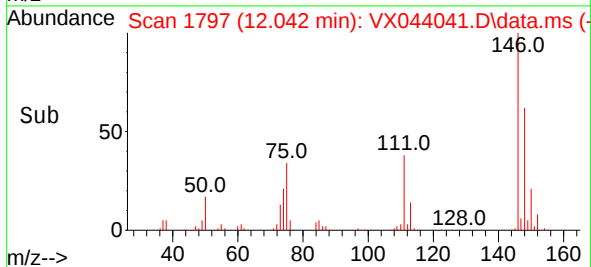
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

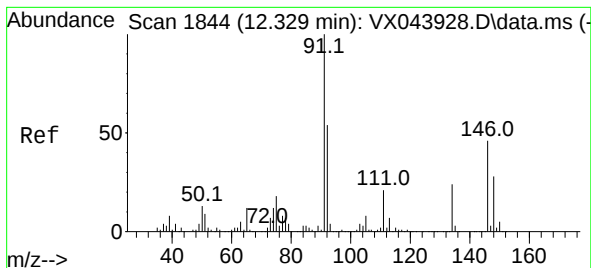


#88
1,4-Dichlorobenzene
Concen: 17.666 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25



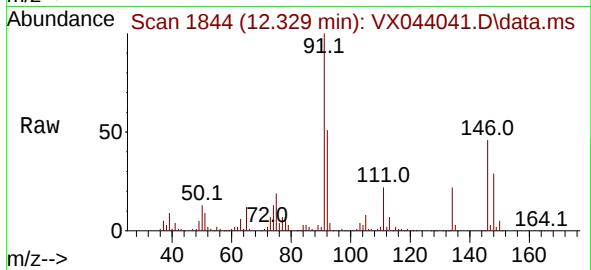
Tgt Ion:146 Resp: 55390
Ion Ratio Lower Upper
146 100
111 43.3 20.1 60.3
148 64.2 30.9 92.8





#89
n-Butylbenzene
Concen: 18.505 ug/l
RT: 12.329 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

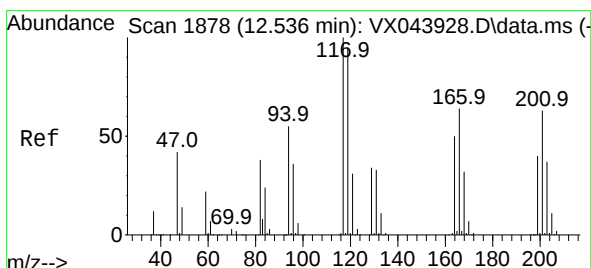
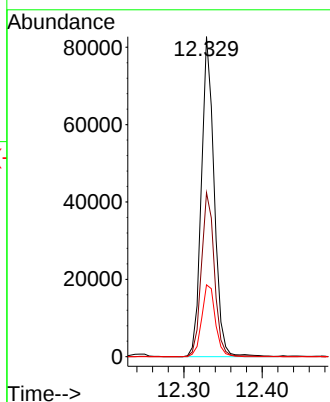
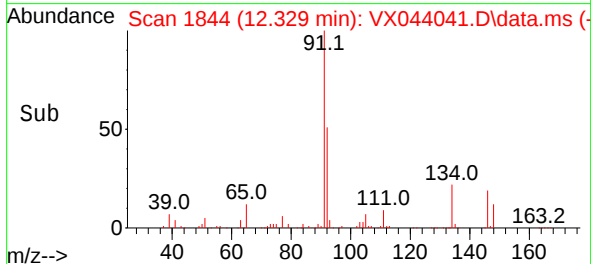
Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01



Tgt Ion: 91 Resp: 93720
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.8
134 23.9 12.4 37.2

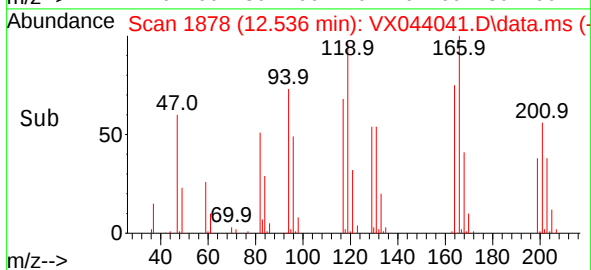
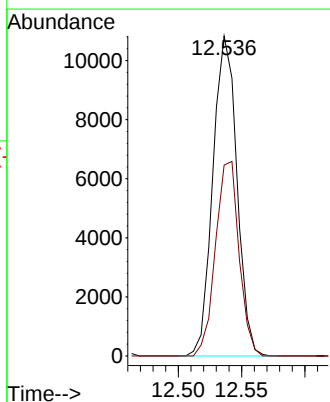
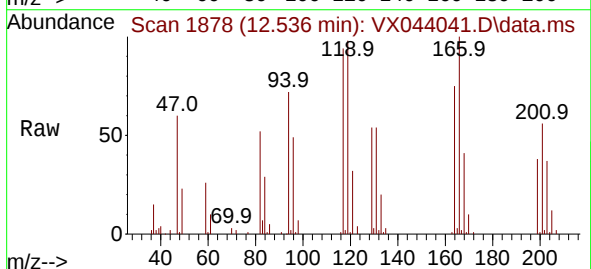
Manual Integrations
APPROVED

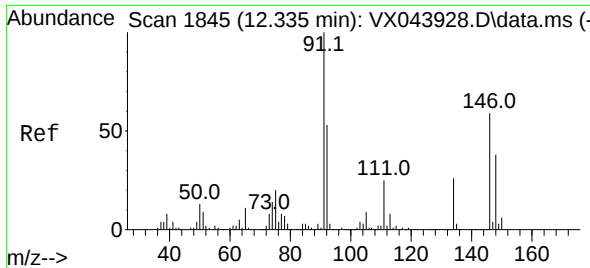
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#90
Hexachloroethane
Concen: 14.631 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion:117 Resp: 14292
Ion Ratio Lower Upper
117 100
201 59.6 32.4 97.0





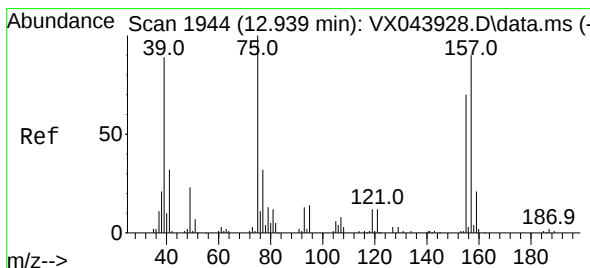
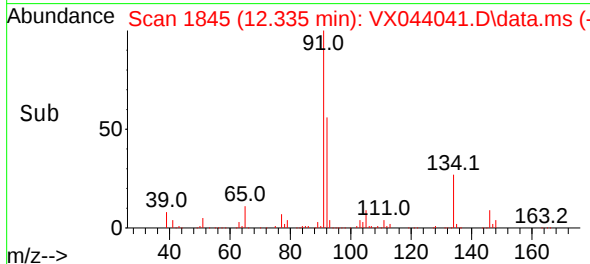
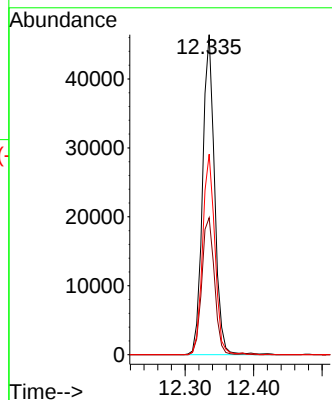
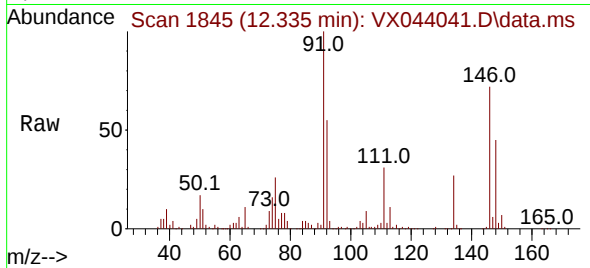
#91
1,2-Dichlorobenzene
Concen: 18.264 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tgt Ion:146 Resp: 5668
Ion Ratio Lower Upper
146 100
111 44.9 21.5 64.5
148 64.0 31.9 95.5

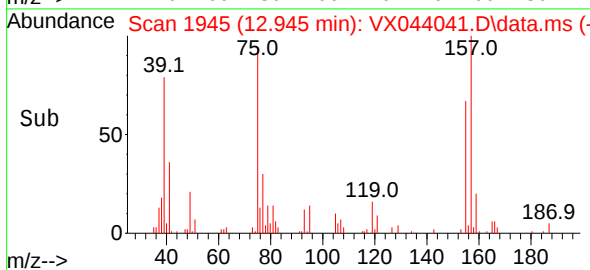
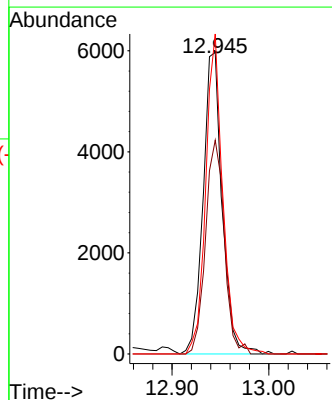
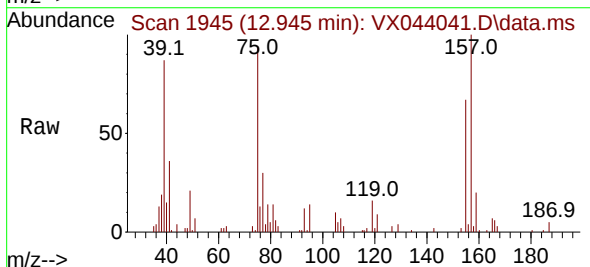
Manual Integrations
APPROVED

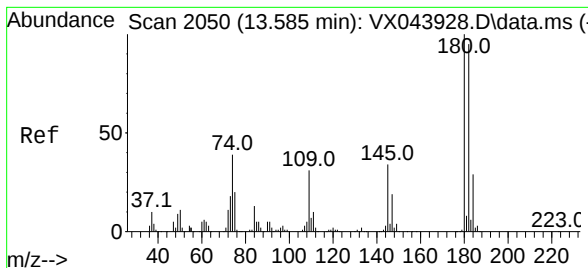
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.880 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044041.D
Acq: 27 Nov 2024 15:25

Tgt Ion: 75 Resp: 8198
Ion Ratio Lower Upper
75 100
155 69.7 40.1 120.2
157 94.6 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 16.836 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

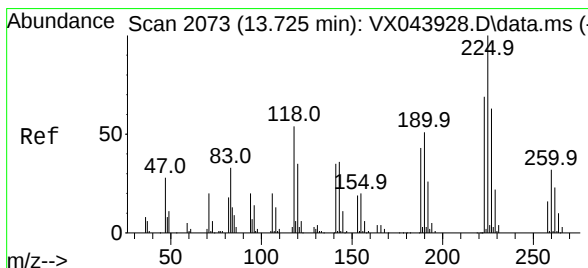
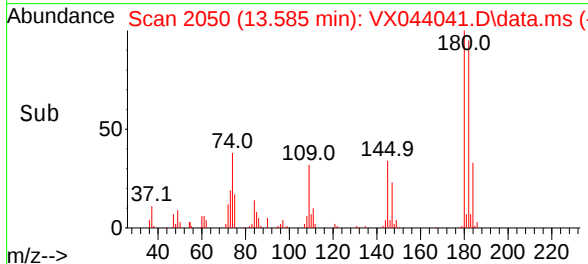
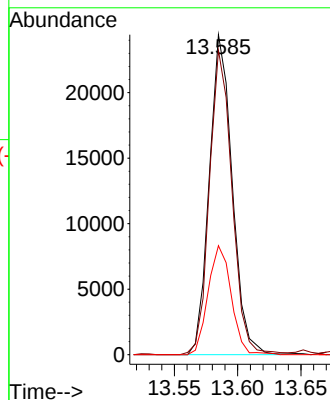
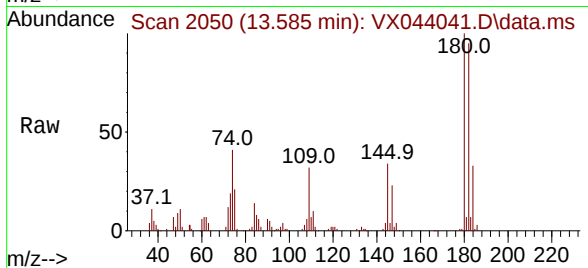
Tgt Ion:180	Resp:	30800
Ion Ratio	Lower	Upper
180	100	
182	93.7	48.0 144.2
145	34.3	16.8 50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#94

Hexachlorobutadiene

Concen: 17.039 ug/l

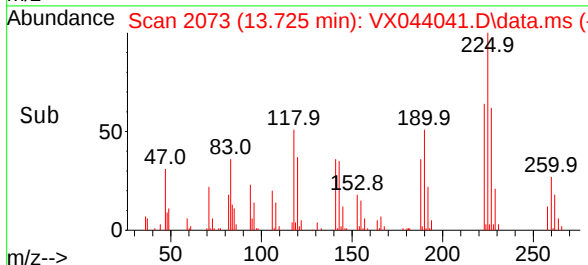
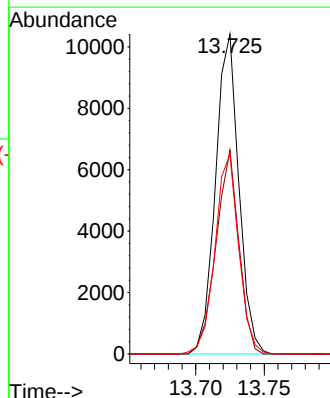
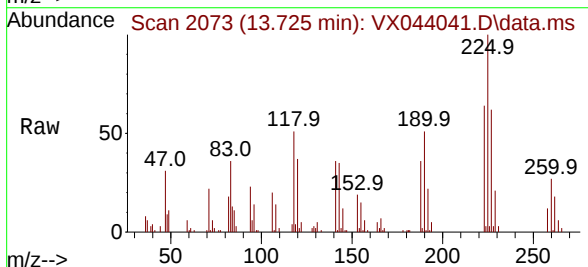
RT: 13.725 min Scan# 2073

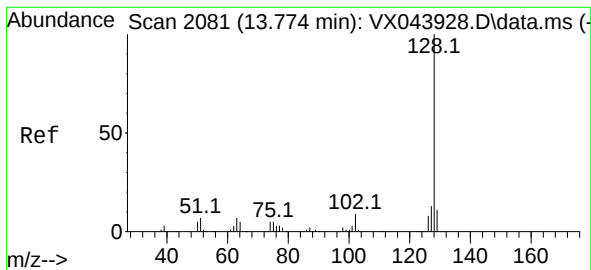
Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Tgt Ion:225	Resp:	12322
Ion Ratio	Lower	Upper
225	100	
223	62.3	32.9 98.6
227	63.4	31.6 94.8





#95

Naphthalene

Concen: 32.084 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tgt Ion:128 Resp: 211320

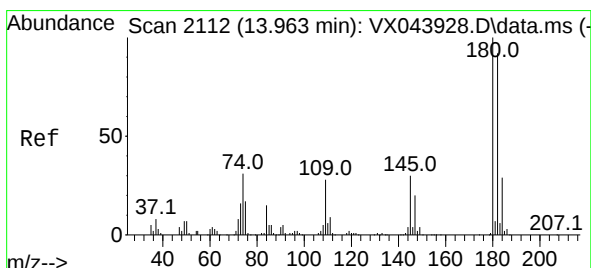
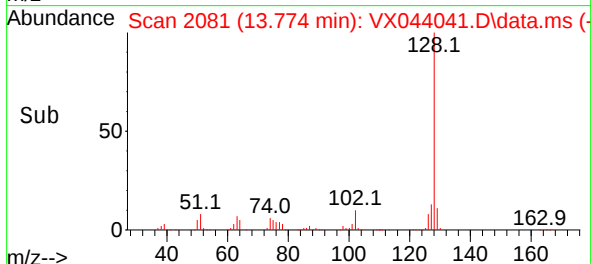
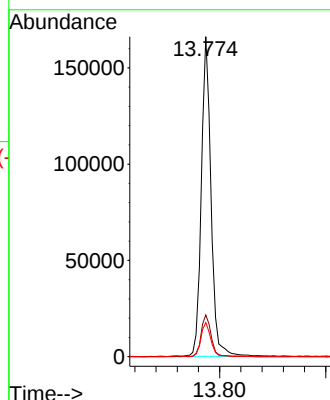
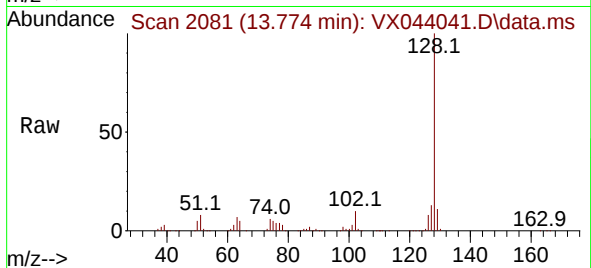
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#96

1,2,3-Trichlorobenzene

Concen: 16.921 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044041.D

Acq: 27 Nov 2024 15:25

Tgt Ion:180 Resp: 31338

Ion	Ratio	Lower	Upper
180	100		
182	99.4	45.6	136.8
145	38.1	16.4	49.4

