

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044191.D
 Acq On : 09 Dec 2024 16:27
 Operator : JC/MD
 Sample : VX1209MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 01:44:52 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)

Internal Standards						
1) Pentafluorobenzene	5.550	168	136350	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	258639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124428	53.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	106.420%		
35) Dibromofluoromethane	5.385	113	88854	48.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.160%		
50) Toluene-d8	8.647	98	300643	47.192	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.380%		
62) 4-Bromofluorobenzene	11.079	95	111713	51.526	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25210	14.595	ug/l	92
3) Chloromethane	1.294	50	28997	15.953	ug/l	98
4) Vinyl Chloride	1.374	62	31903	16.501	ug/l	99
5) Bromomethane	1.593	94	23389	19.665	ug/l	94
6) Chloroethane	1.660	64	21045	17.864	ug/l	94
7) Trichlorofluoromethane	1.868	101	60732	17.570	ug/l	95
8) Diethyl Ether	2.136	74	23777	18.873	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	28776	17.453	ug/l	96
10) Methyl Iodide	2.441	142	38900	18.890	ug/l	97
11) Tert butyl alcohol	3.001	59	29969	79.838	ug/l #	90
12) 1,1-Dichloroethene	2.306	96	26491	16.861	ug/l	99
13) Acrolein	2.239	56	27770	70.187	ug/l	97
14) Allyl chloride	2.654	41	44105	17.180	ug/l	94
15) Acrylonitrile	3.069	53	89491	97.830	ug/l	99
16) Acetone	2.392	43	91619	85.297	ug/l	99
17) Carbon Disulfide	2.495	76	39971	12.333	ug/l	100
18) Methyl Acetate	2.709	43	48562	19.414	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	113203	19.843	ug/l	98
20) Methylene Chloride	2.782	84	33172	18.199	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	27801	17.139	ug/l	98
22) Diisopropyl ether	3.764	45	109306	19.912	ug/l	91
23) Vinyl Acetate	3.721	43	445392	94.845	ug/l	100
24) 1,1-Dichloroethane	3.605	63	59244	18.707	ug/l	96
25) 2-Butanone	4.568	43	135832	98.007	ug/l	99
26) 2,2-Dichloropropane	4.471	77	50183	17.546	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	36417	18.162	ug/l	97
28) Bromochloromethane	4.891	49	30276	21.719	ug/l	96
29) Tetrahydrofuran	5.019	42	83966	98.822	ug/l	99
30) Chloroform	5.093	83	66948	19.655	ug/l	97
31) Cyclohexane	5.458	56	44199	16.957	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	55751	18.980	ug/l	98
36) 1,1-Dichloropropene	5.690	75	40302	17.500	ug/l	98
37) Ethyl Acetate	4.727	43	51669	18.074	ug/l	98
38) Carbon Tetrachloride	5.666	117	43120	16.663	ug/l	96
39) Methylcyclohexane	7.373	83	46789	15.639	ug/l	95
40) Benzene	6.031	78	126855	17.684	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28496	19.476	ug/l	94
42) 1,2-Dichloroethane	6.086	62	53602	18.605	ug/l	100
43) Isopropyl Acetate	6.342	43	85309	18.751	ug/l	99
44) Trichloroethene	7.123	130	31206	15.367	ug/l	93
45) 1,2-Dichloropropane	7.428	63	31728	18.058	ug/l	97
46) Dibromomethane	7.580	93	25367	18.252	ug/l	99
47) Bromodichloromethane	7.824	83	44942	18.030	ug/l	94
48) Methyl methacrylate	7.696	41	39935	18.293	ug/l	99
49) 1,4-Dioxane	7.671	88	10765	276.832	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	287698	103.625	ug/l	98
52) Toluene	8.714	92	78997	18.399	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	43442	17.090	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	48804	17.514	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	32772	18.490	ug/l	97
56) Ethyl methacrylate	9.116	69	53139	19.249	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57723	19.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	117664	77.155	ug/l	99
59) 2-Hexanone	9.433	43	213240	102.187	ug/l	98
60) Dibromochloromethane	9.519	129	30160	16.960	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33920	18.927	ug/l	98
64) Tetrachloroethene	9.269	164	26194	17.610	ug/l	97
65) Chlorobenzene	10.079	112	89648	18.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	29342	18.262	ug/l	99
67) Ethyl Benzene	10.195	91	155249	18.493	ug/l	99
68) m/p-Xylenes	10.299	106	115206	36.799	ug/l	100
69) o-Xylene	10.640	106	59536	19.477	ug/l	98
70) Styrene	10.653	104	97004	19.187	ug/l	98
71) Bromoform	10.799	173	17209	15.505	ug/l #	97
73) Isopropylbenzene	10.963	105	152503	19.349	ug/l	100
74) N-amyl acetate	10.842	43	71636	19.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	53769	19.923	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	44051m	19.590	ug/l	
77) Bromobenzene	11.195	156	36885	19.618	ug/l	97
78) n-propylbenzene	11.305	91	169357	19.239	ug/l	99
79) 2-Chlorotoluene	11.366	91	108146	19.428	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	127352	19.640	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11920	14.465	ug/l #	79
82) 4-Chlorotoluene	11.451	91	121508	19.335	ug/l	98
83) tert-Butylbenzene	11.713	119	123604	19.231	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	129520	20.062	ug/l	95
85) sec-Butylbenzene	11.890	105	152652	19.385	ug/l	100
86) p-Isopropyltoluene	12.006	119	124411	19.450	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	62718	18.315	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	63250	18.116	ug/l	95
89) n-Butylbenzene	12.329	91	103866	18.417	ug/l	99
90) Hexachloroethane	12.536	117	17774	16.341	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	66093	19.125	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9586	17.727	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	35332	17.341	ug/l	99
94) Hexachlorobutadiene	13.725	225	14457	17.954	ug/l	98
95) Naphthalene	13.774	128	147572	20.121	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37912	18.384	ug/l	97

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

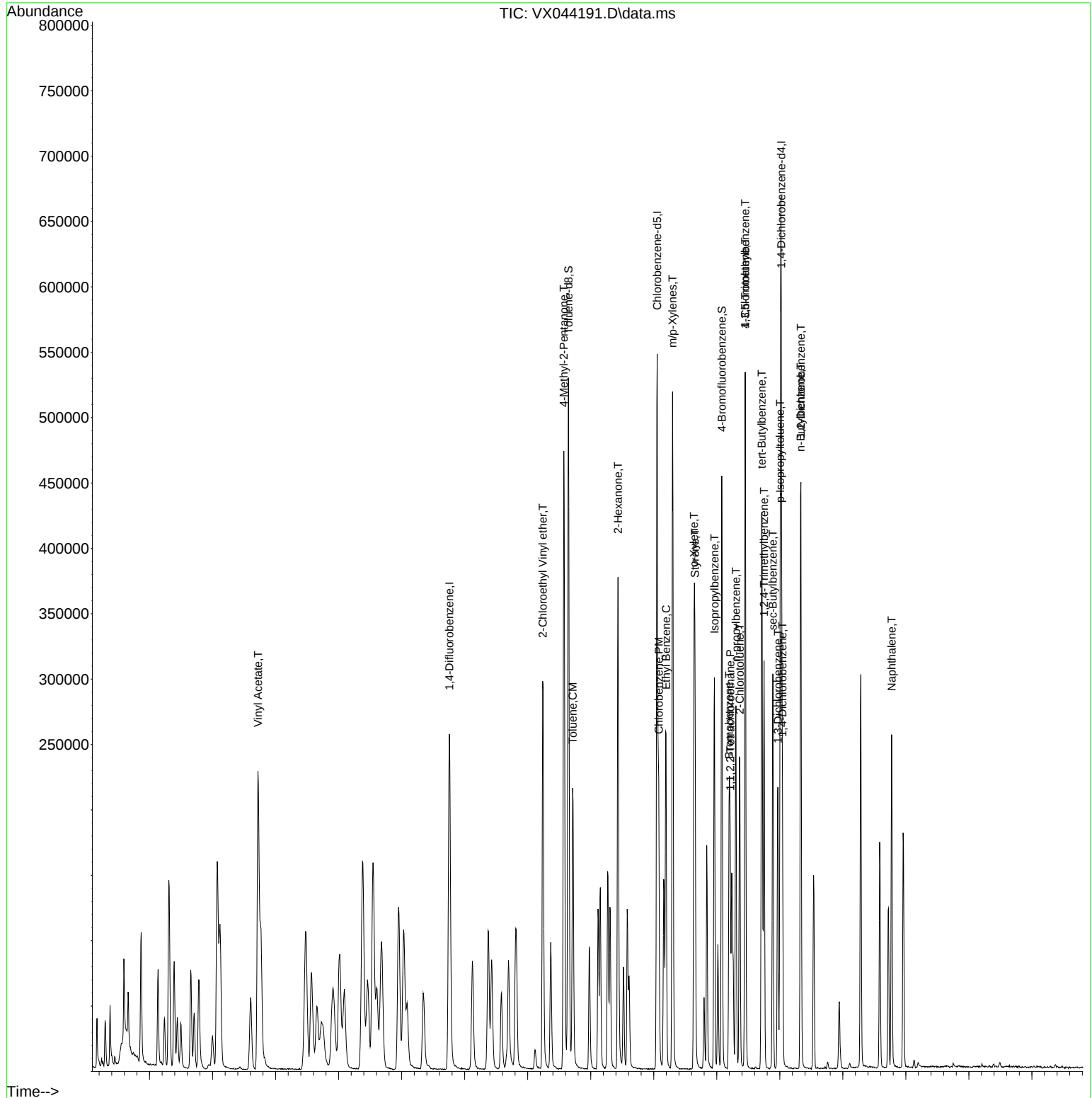
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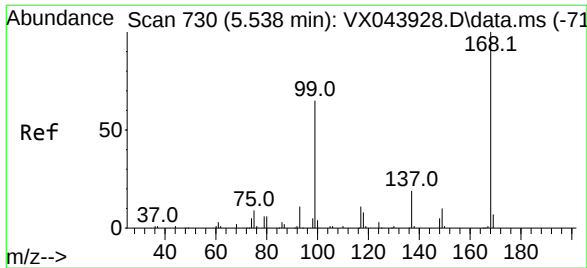
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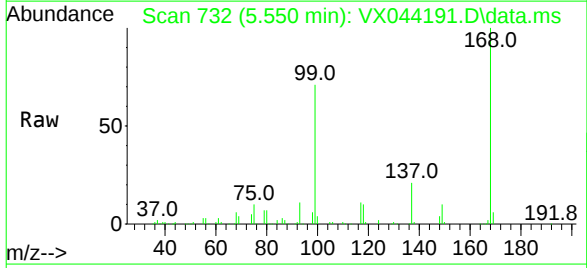
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

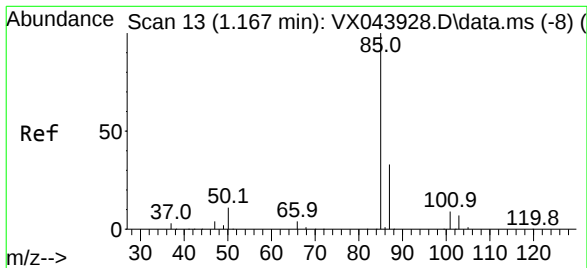
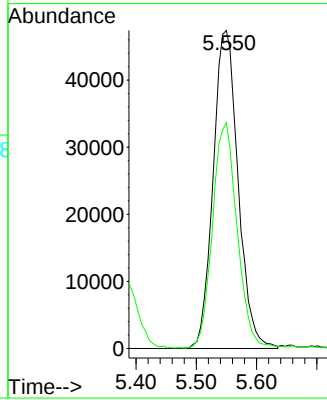
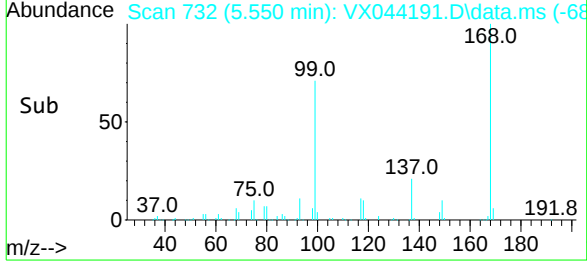
Instrument :
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Tgt Ion: 168 Resp: 136350
Ion Ratio Lower Upper
168 100
99 70.8 51.8 77.8

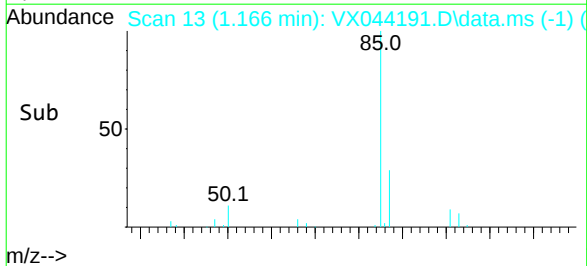
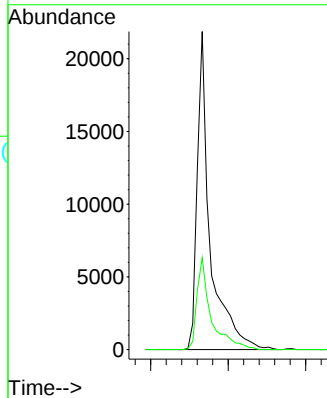
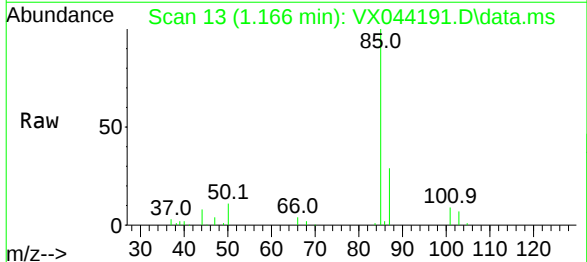
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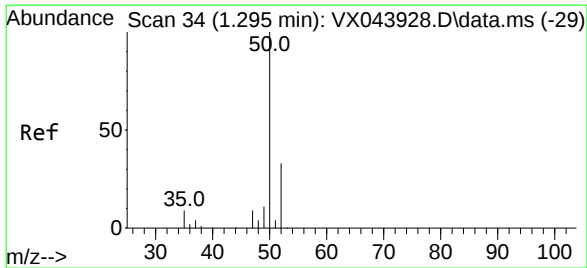
Reviewed By : John Carlone 12/10/2024
Supervised By : Mahesh Dadoda 12/10/2024



#2
Dichlorodifluoromethane
Concen: 14.595 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

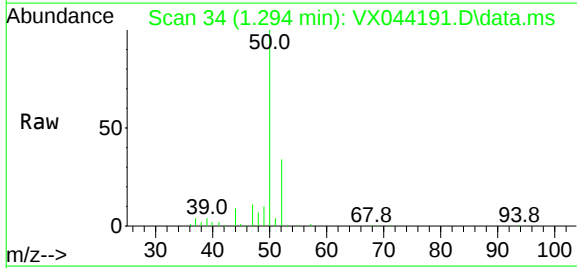
Tgt Ion: 85 Resp: 25210
Ion Ratio Lower Upper
85 100
87 28.9 16.6 49.8





#3
Chloromethane
Concen: 15.953 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

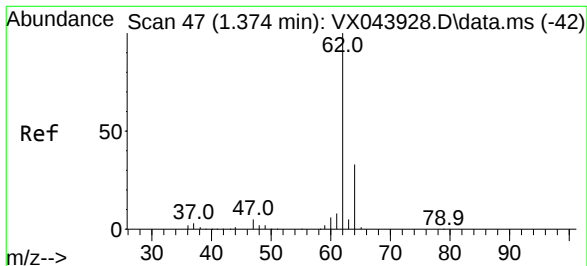
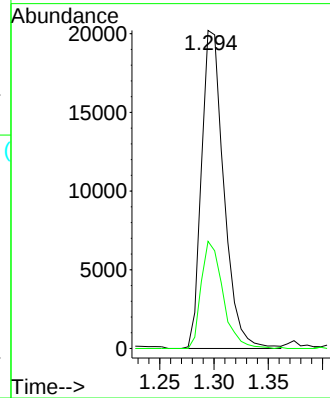
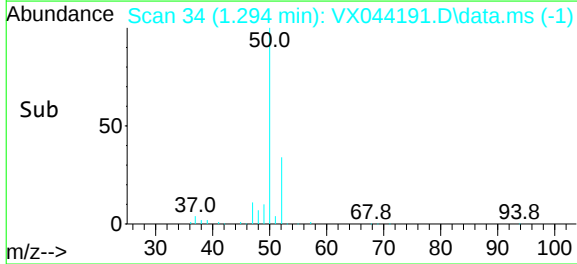
Instrument :
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Tgt Ion: 50 Resp: 28997
Ion Ratio Lower Upper
50 100
52 33.7 26.1 39.1

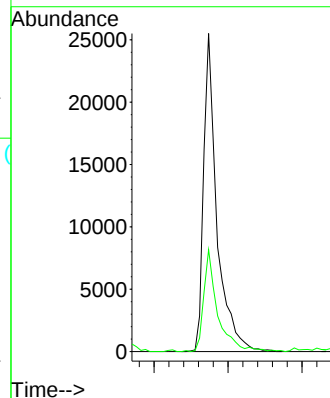
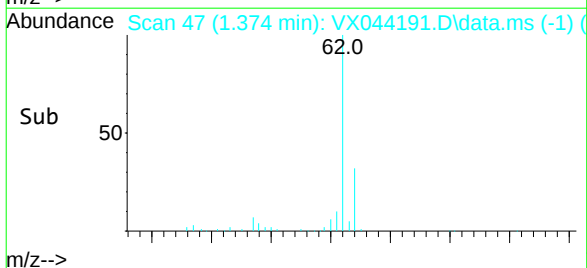
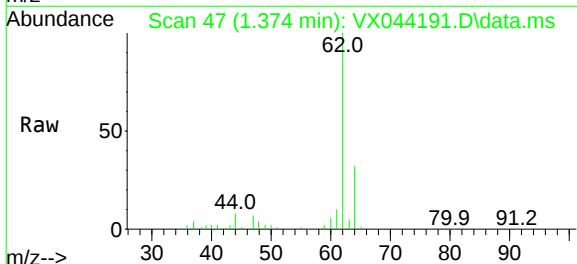
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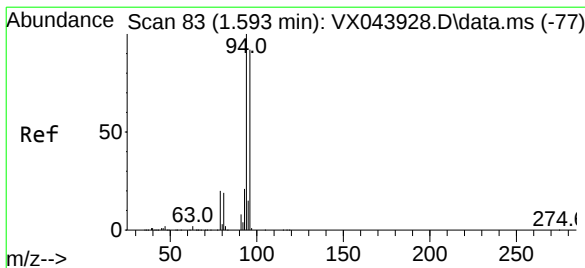
Reviewed By :John Carlone 12/10/2024
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#4
Vinyl Chloride
Concen: 16.501 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 62 Resp: 31903
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





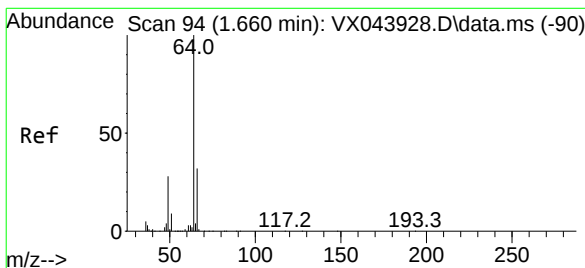
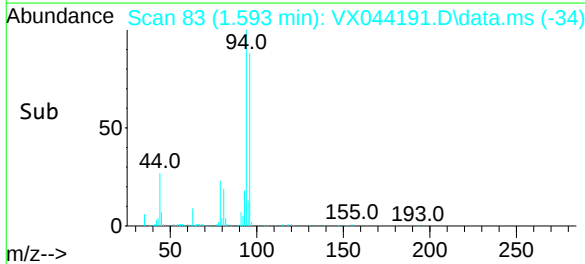
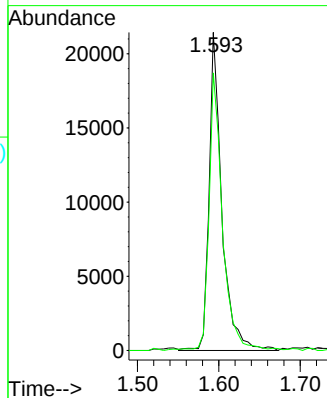
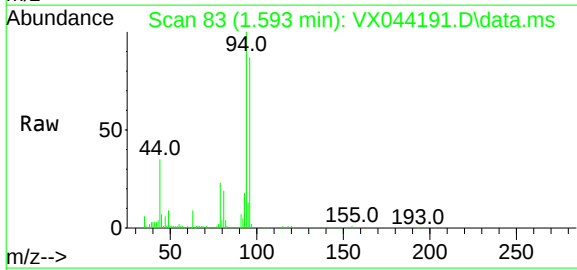
#5
Bromomethane
Concen: 19.665 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
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Tgt Ion: 94 Resp: 23389
Ion Ratio Lower Upper
94 100
96 86.9 73.9 110.9

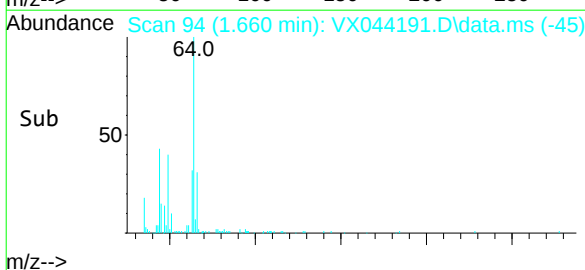
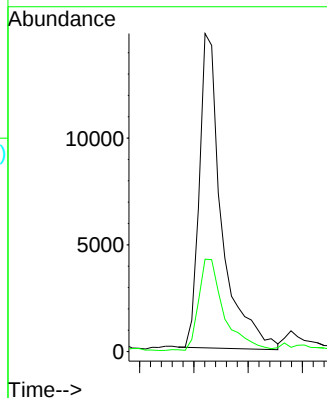
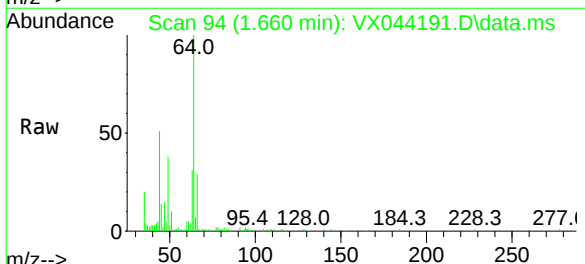
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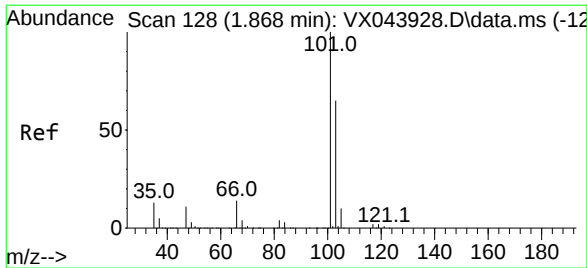
Reviewed By :John Carlone 12/10/2024
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#6
Chloroethane
Concen: 17.864 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

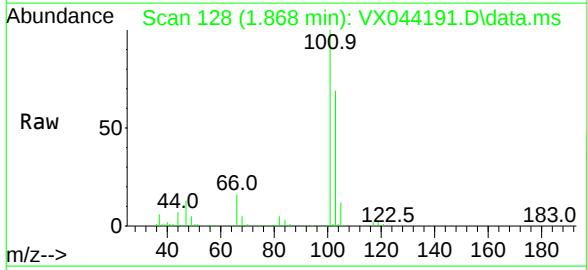
Tgt Ion: 64 Resp: 21045
Ion Ratio Lower Upper
64 100
66 28.9 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 17.570 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044191.D
 Acq: 09 Dec 2024 16:27

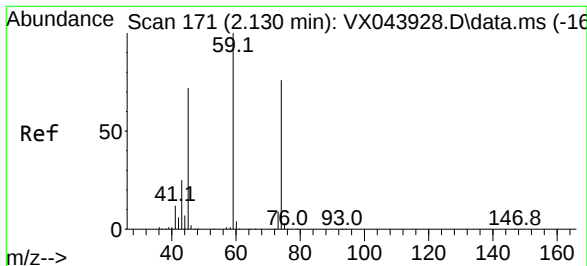
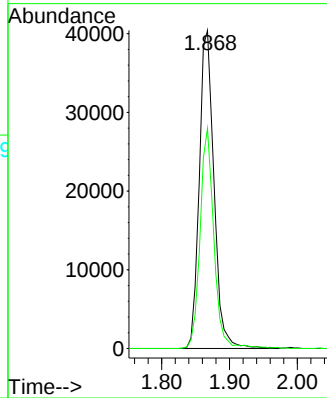
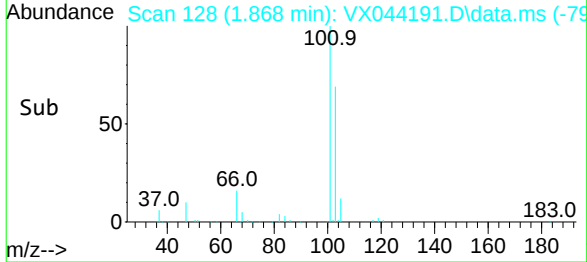
Instrument :
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Tgt Ion: 101 Resp: 60732
 Ion Ratio Lower Upper
 101 100
 103 69.2 52.2 78.2

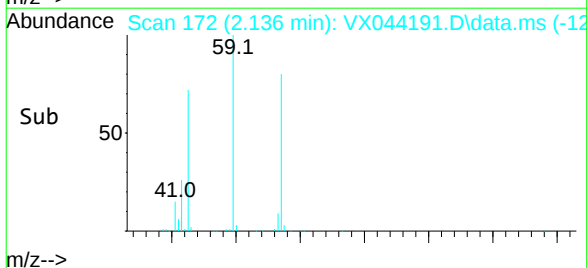
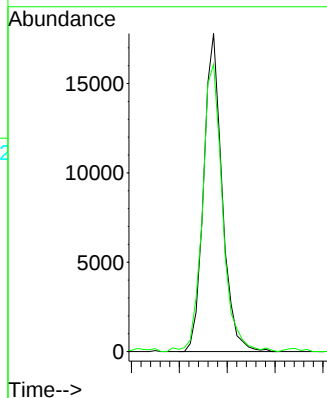
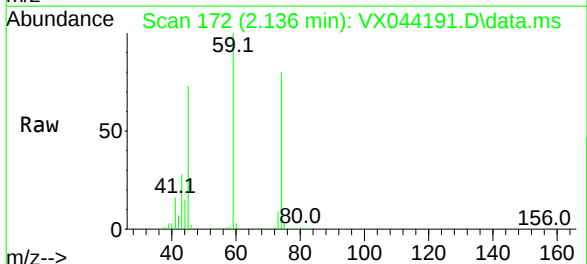
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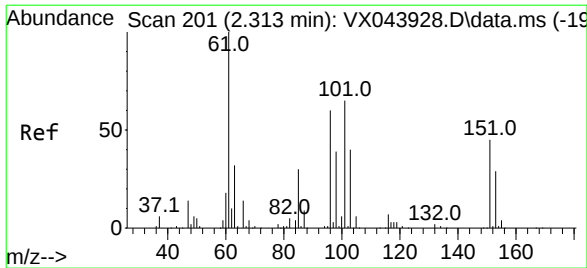
Reviewed By : John Carlone 12/10/2024
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#8
 Diethyl Ether
 Concen: 18.873 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX044191.D
 Acq: 09 Dec 2024 16:27

Tgt Ion: 74 Resp: 23777
 Ion Ratio Lower Upper
 74 100
 45 98.7 47.9 143.6





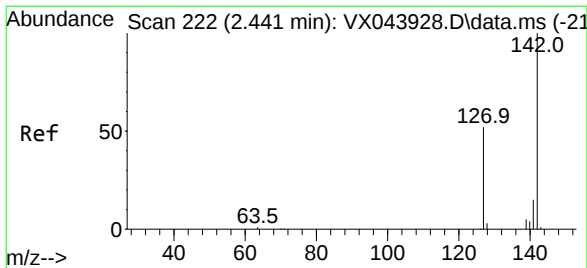
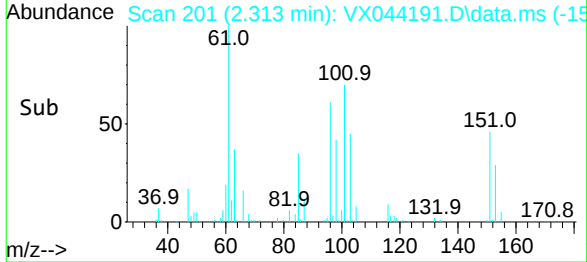
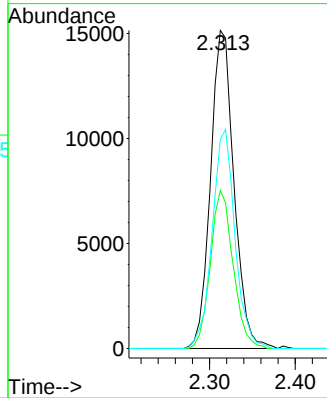
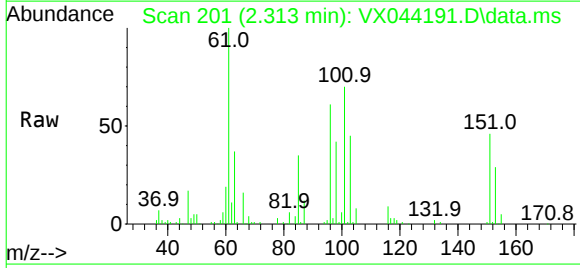
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.453 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion:101 Resp: 28776
Ion Ratio Lower Upper
101 100
85 48.2 37.9 56.9
151 67.2 57.5 86.3

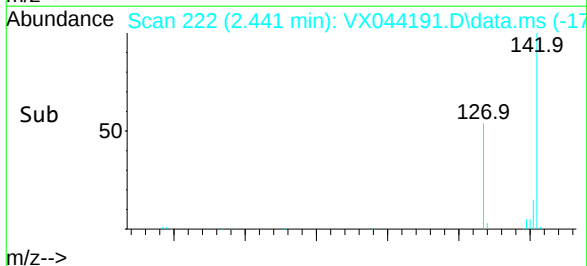
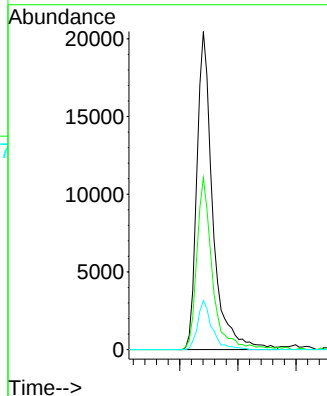
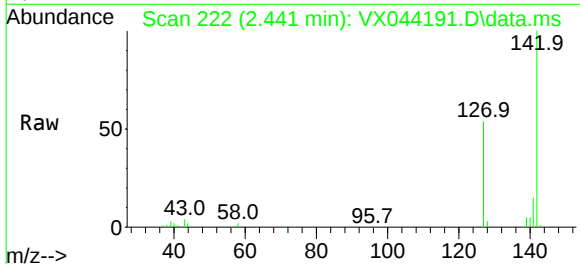
Manual Integrations
APPROVED

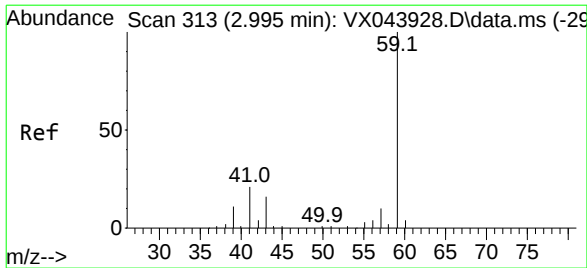
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#10
Methyl Iodide
Concen: 18.890 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

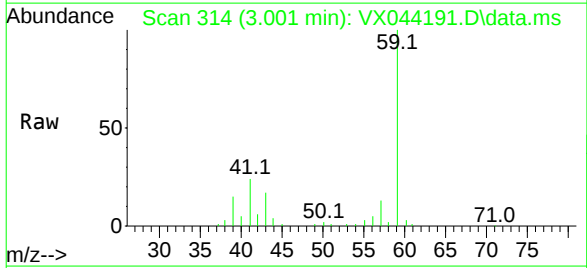
Tgt Ion:142 Resp: 38900
Ion Ratio Lower Upper
142 100
127 52.8 40.7 61.1
141 14.0 12.0 18.0





#11
Tert butyl alcohol
Concen: 79.838 ug/l
RT: 3.001 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

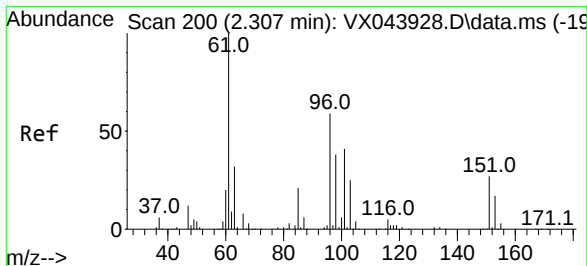
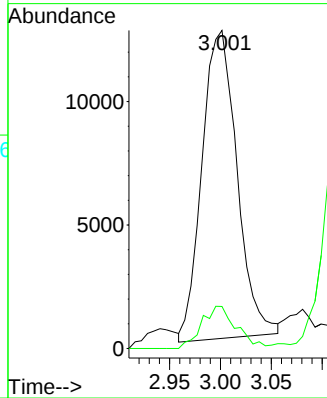
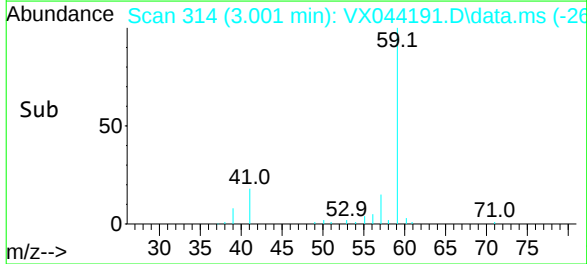
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



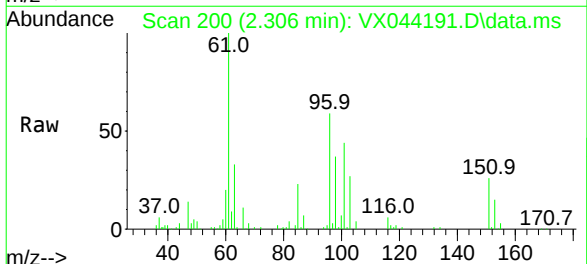
Tgt Ion: 59 Resp: 29969
Ion Ratio Lower Upper
59 100
57 13.7 7.9 11.9#

Manual Integrations
APPROVED

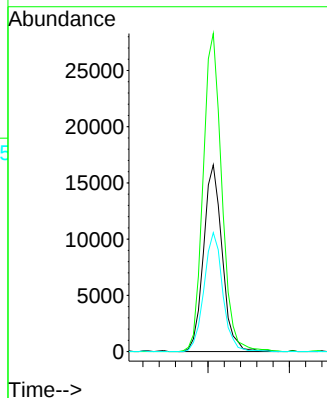
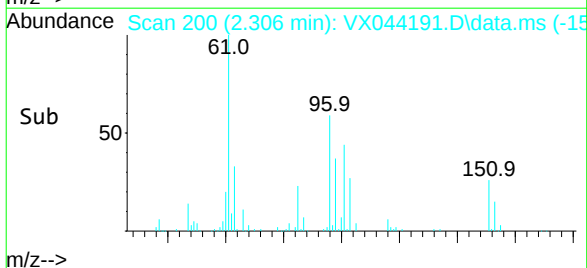
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

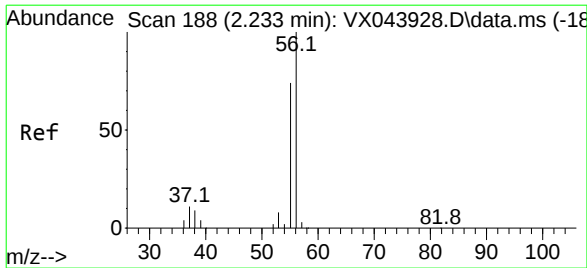


#12
1,1-Dichloroethene
Concen: 16.861 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27



Tgt Ion: 96 Resp: 26491
Ion Ratio Lower Upper
96 100
61 170.3 135.5 203.3
98 63.7 50.8 76.2





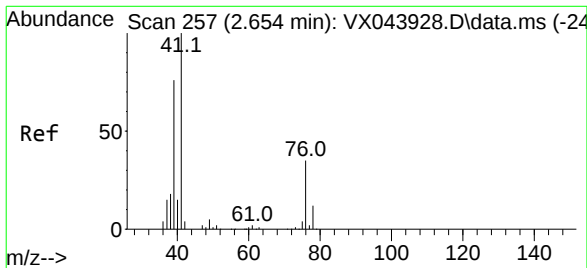
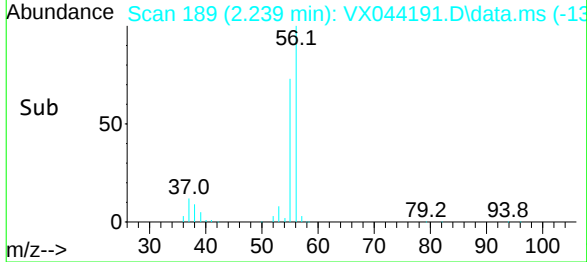
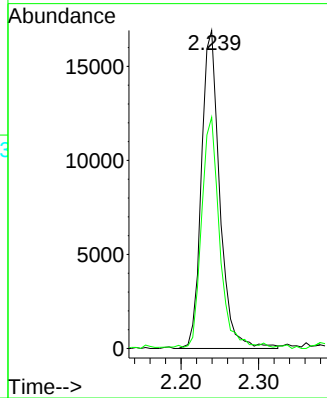
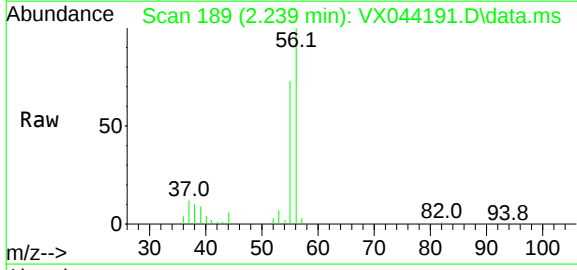
#13
Acrolein
Concen: 70.187 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 56 Resp: 27770
Ion Ratio Lower Upper
56 100
55 70.1 58.2 87.2

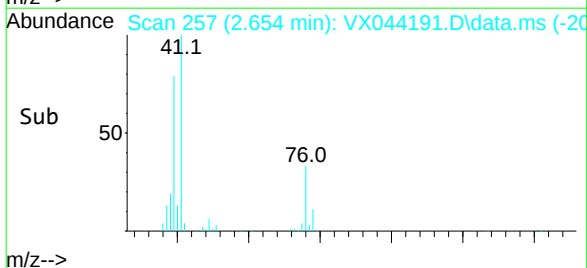
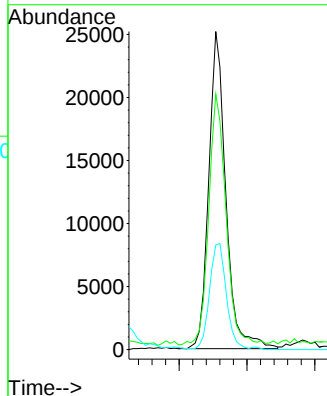
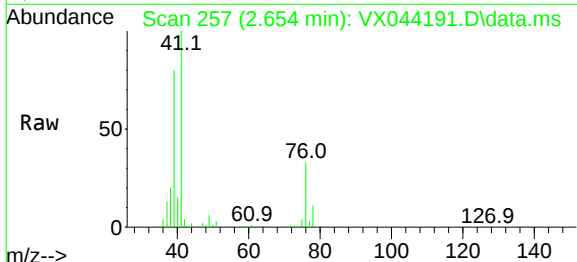
Manual Integrations
APPROVED

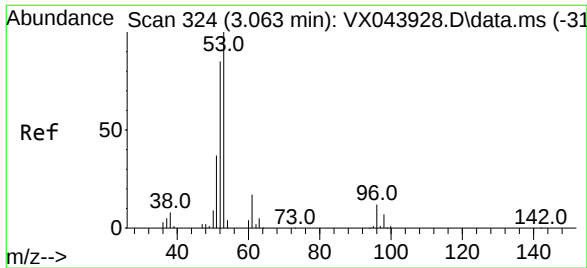
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#14
Allyl chloride
Concen: 17.180 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 41 Resp: 44105
Ion Ratio Lower Upper
41 100
39 80.0 59.5 89.3
76 32.1 27.4 41.2





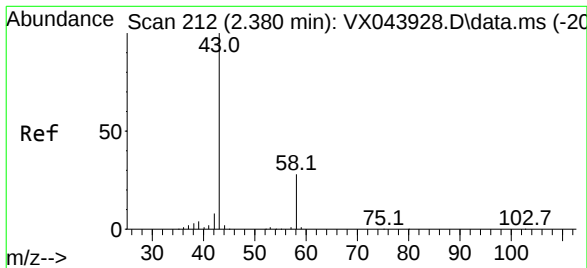
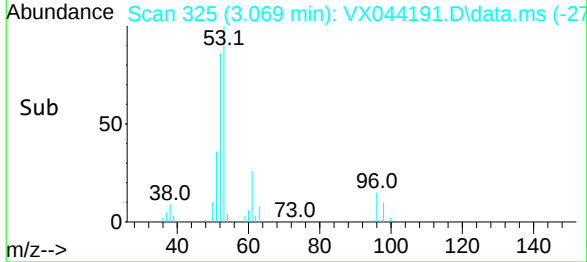
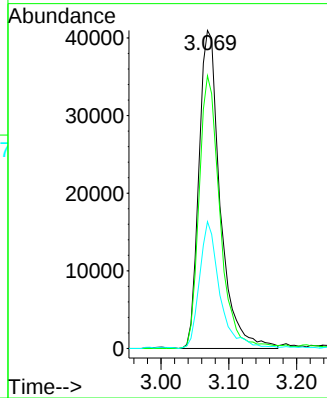
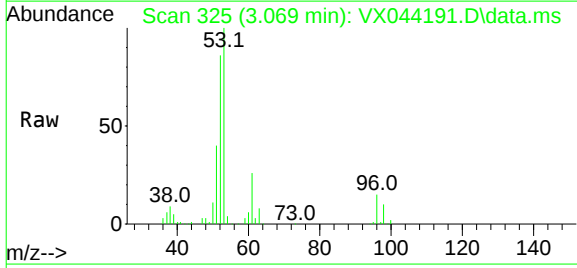
#15
Acrylonitrile
Concen: 97.830 ug/l
RT: 3.069 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.5	99.7
51	38.2	30.2	45.4

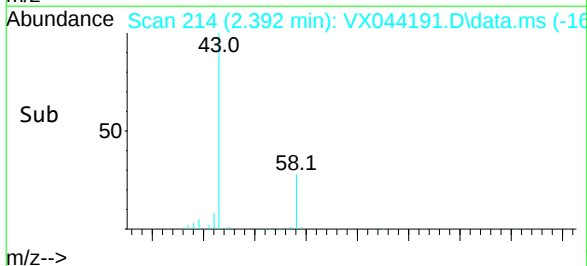
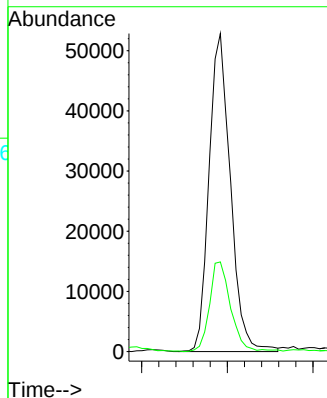
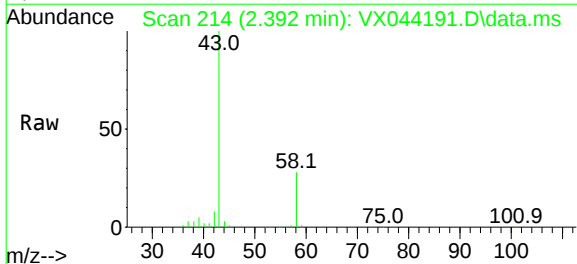
Manual Integrations
APPROVED

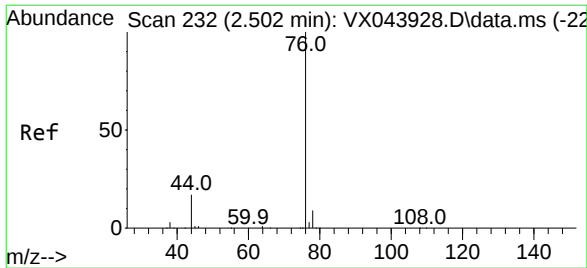
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#16
Acetone
Concen: 85.297 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.7	34.1





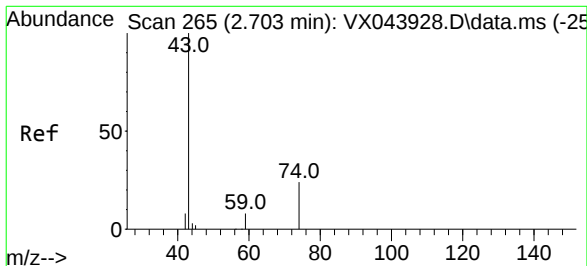
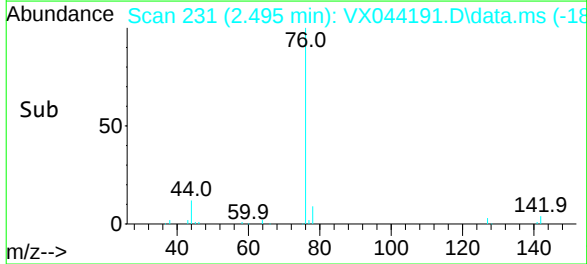
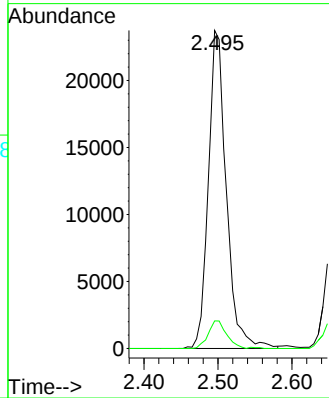
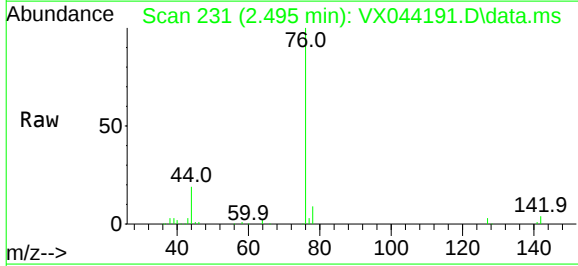
#17
Carbon Disulfide
Concen: 12.333 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 76 Resp: 39971
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

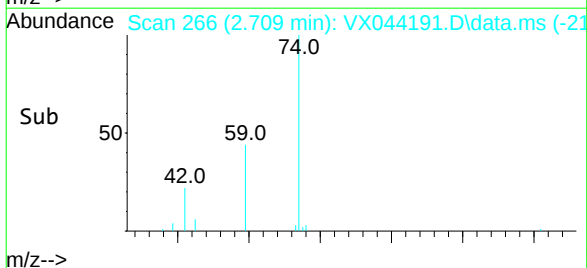
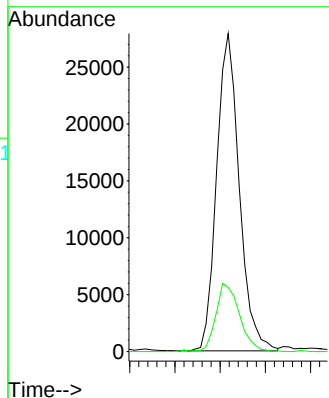
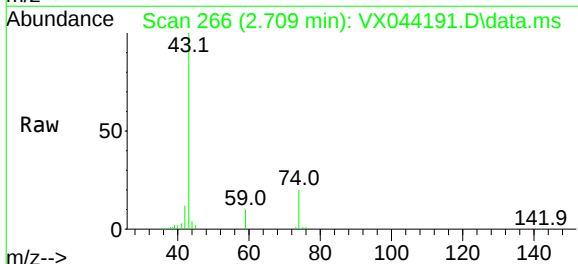
Manual Integrations
APPROVED

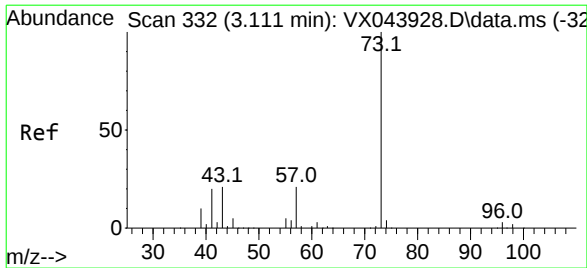
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#18
Methyl Acetate
Concen: 19.414 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 43 Resp: 48562
Ion Ratio Lower Upper
43 100
74 22.3 18.9 28.3





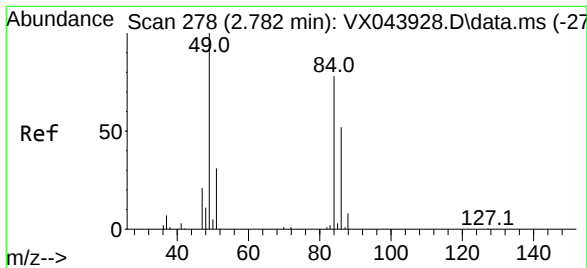
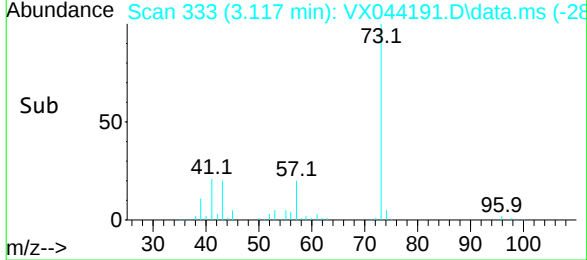
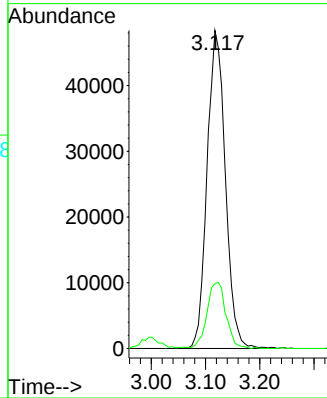
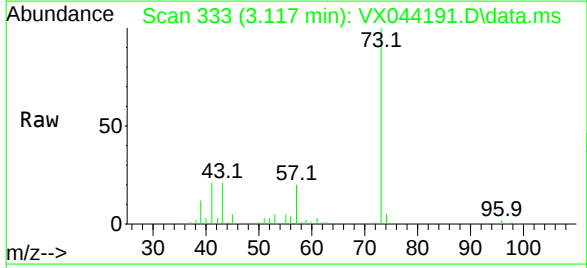
#19
Methyl tert-butyl Ether
Concen: 19.843 ug/l
RT: 3.117 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 73 Resp: 113203
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.6

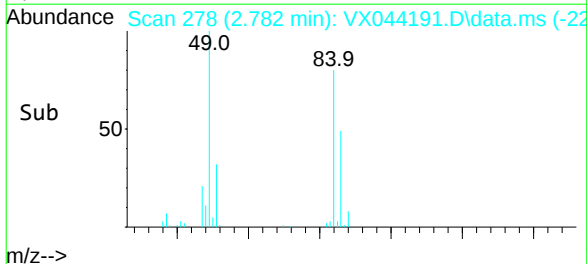
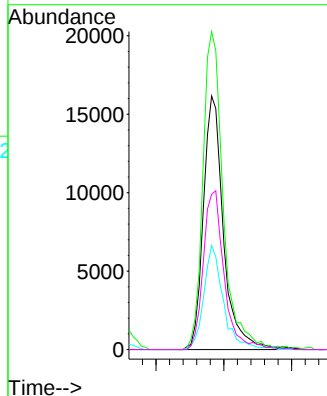
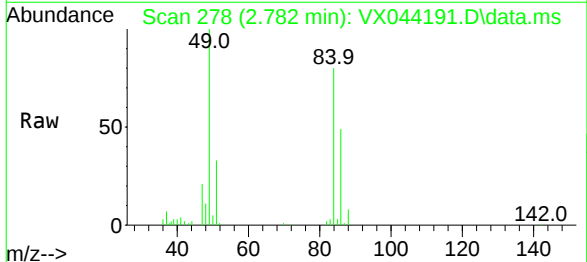
Manual Integrations
APPROVED

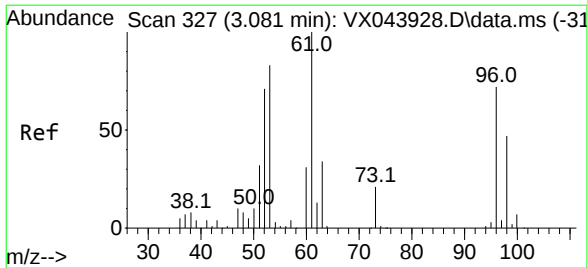
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#20
Methylene Chloride
Concen: 18.199 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 84 Resp: 33172
Ion Ratio Lower Upper
84 100
49 125.4 102.7 154.1
51 41.1 31.7 47.5
86 61.3 53.9 80.9





#21

trans-1,2-Dichloroethene

Concen: 17.139 ug/l

RT: 3.087 min Scan# 32

Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion: 96 Resp: 27801

Ion Ratio Lower Upper

96 100

61 140.0 111.8 167.6

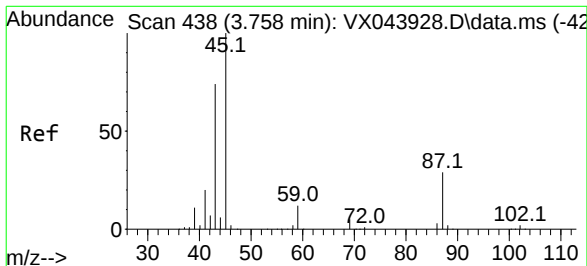
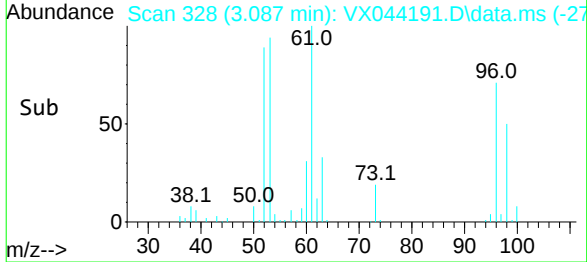
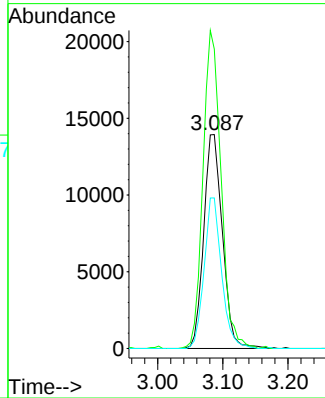
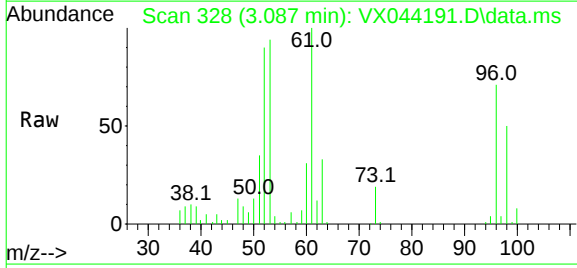
98 70.4 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#22

Diisopropyl ether

Concen: 19.912 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Tgt Ion: 45 Resp: 109306

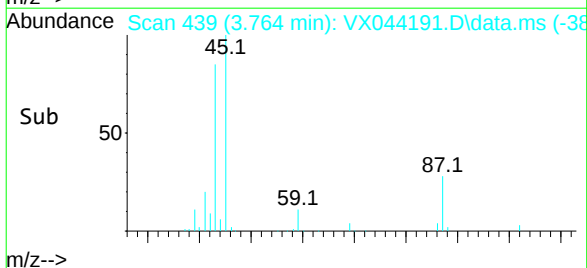
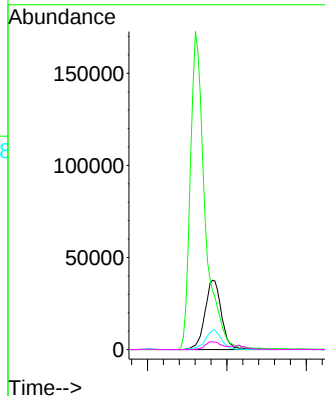
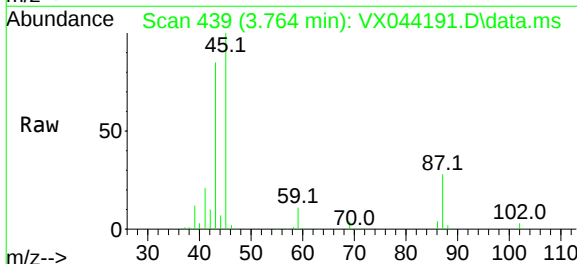
Ion Ratio Lower Upper

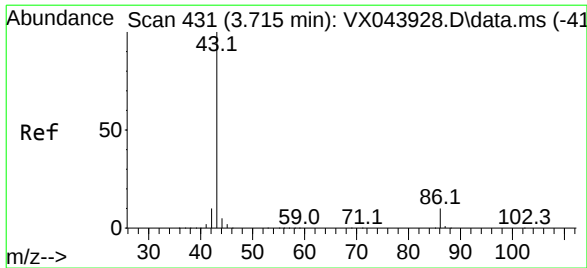
45 100

43 85.0 59.6 89.4

87 27.8 22.9 34.3

59 11.0 9.8 14.6





#23

Vinyl Acetate

Concen: 94.845 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion: 43 Resp: 445392

Ion Ratio Lower Upper

43 100

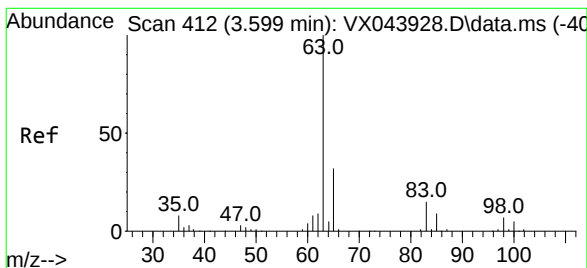
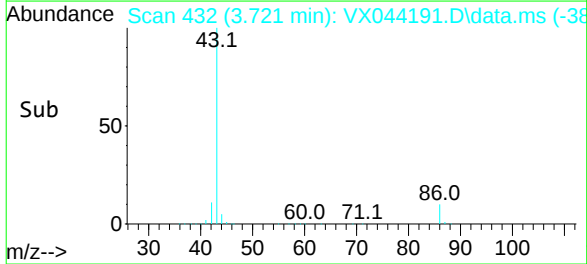
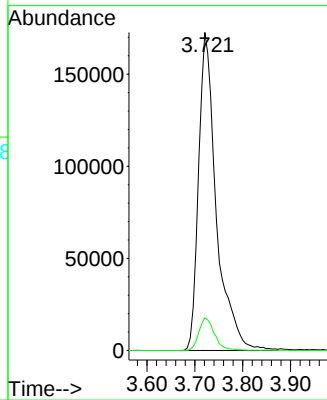
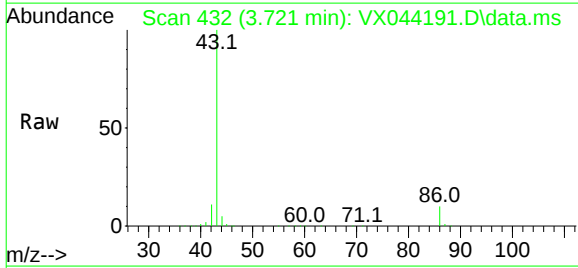
86 10.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#24

1,1-Dichloroethane

Concen: 18.707 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

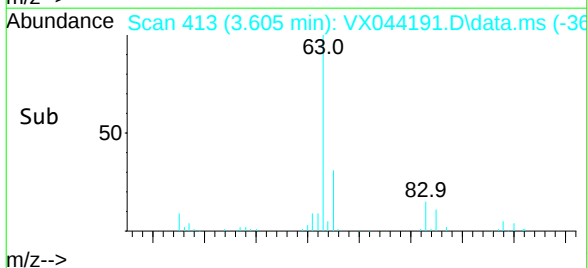
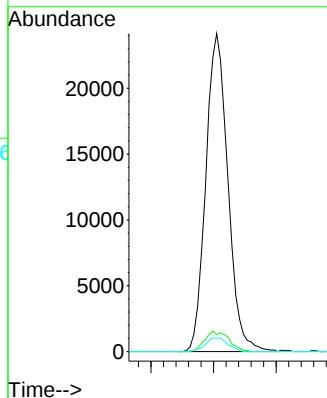
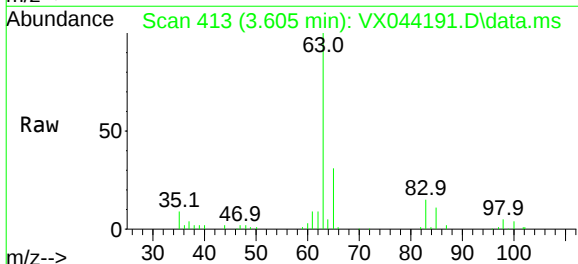
Tgt Ion: 63 Resp: 59244

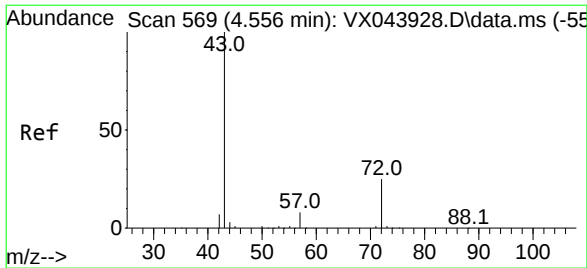
Ion Ratio Lower Upper

63 100

98 5.3 3.5 10.6

100 4.2 2.4 7.1





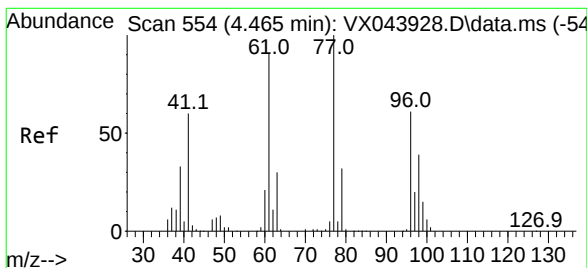
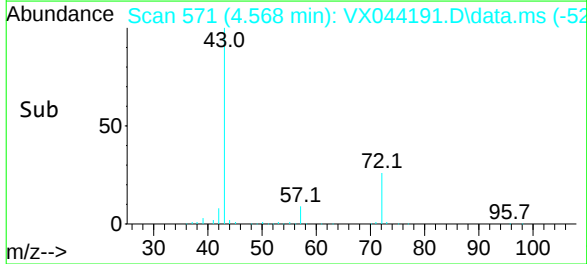
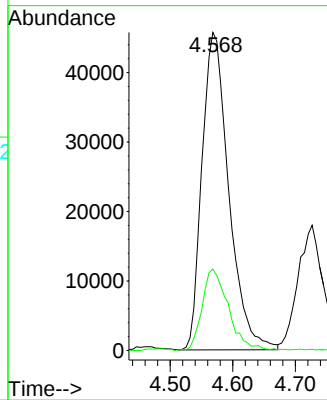
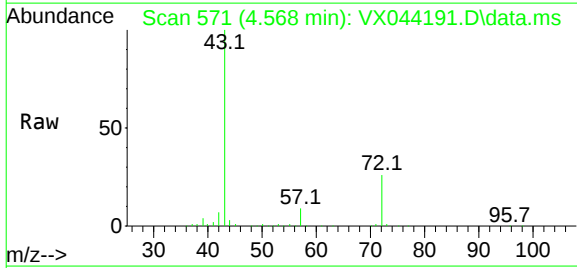
#25
2-Butanone
Concen: 98.007 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 43 Resp: 135832
Ion Ratio Lower Upper
43 100
72 25.5 20.2 30.2

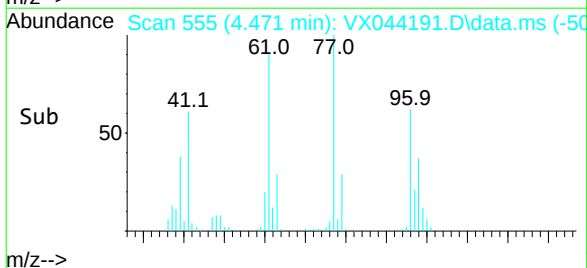
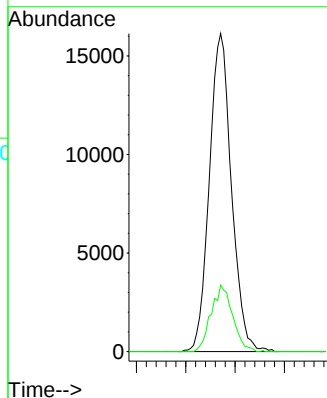
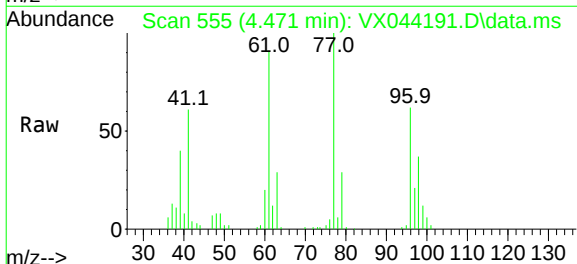
Manual Integrations
APPROVED

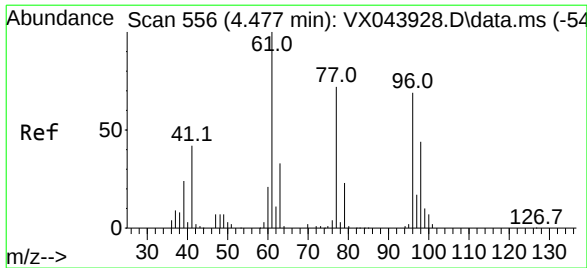
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#26
2,2-Dichloropropane
Concen: 17.546 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

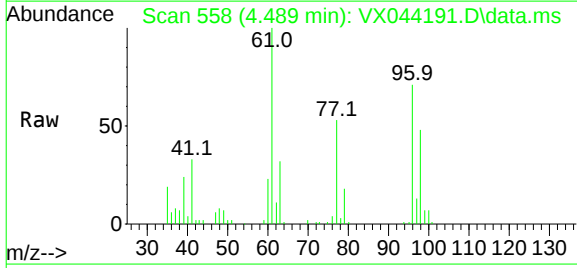
Tgt Ion: 77 Resp: 50183
Ion Ratio Lower Upper
77 100
97 20.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 18.162 ug/l
RT: 4.489 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

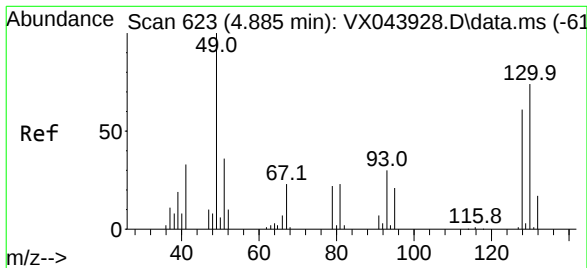
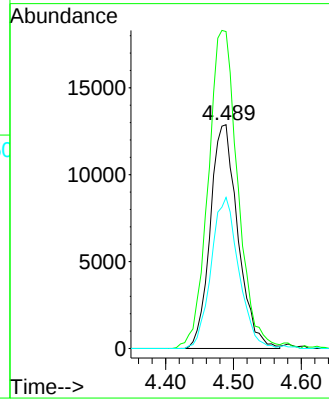
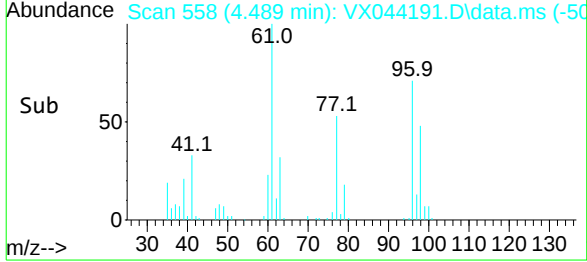
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 96 Resp: 36417
Ion Ratio Lower Upper
96 100
61 151.9 0.0 297.4
98 67.5 0.0 127.8

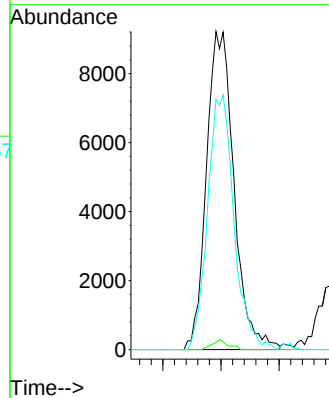
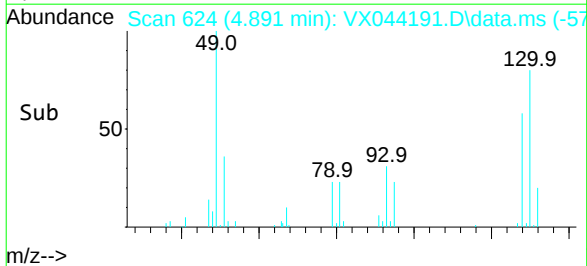
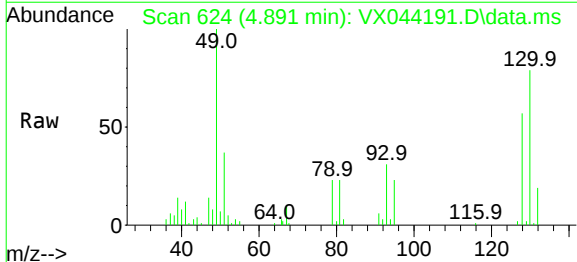
Manual Integrations
APPROVED

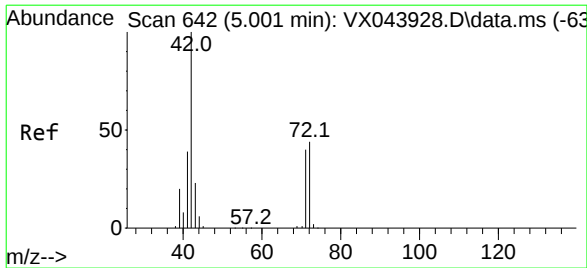
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#28
Bromochloromethane
Concen: 21.719 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 49 Resp: 30276
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 76.9 59.0 88.6





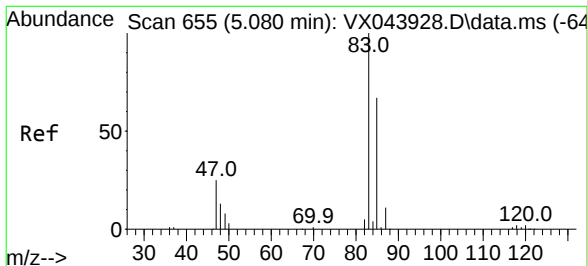
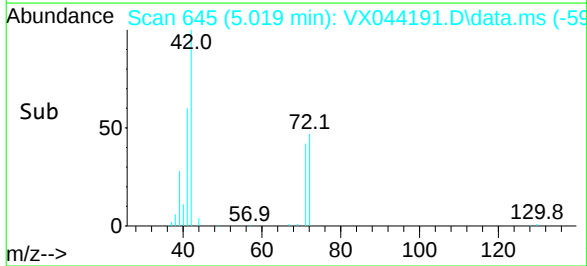
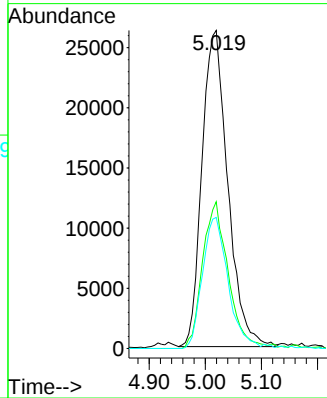
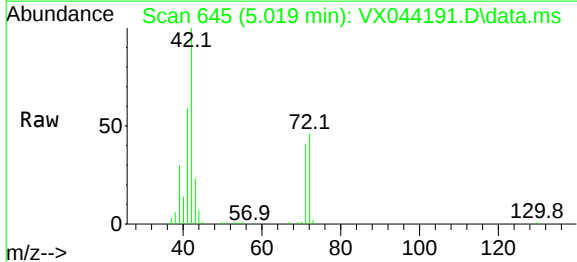
#29
Tetrahydrofuran
Concen: 98.822 ug/l
RT: 5.019 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 42 Resp: 83966
Ion Ratio Lower Upper
42 100
72 45.9 36.4 54.6
71 41.0 33.4 50.0

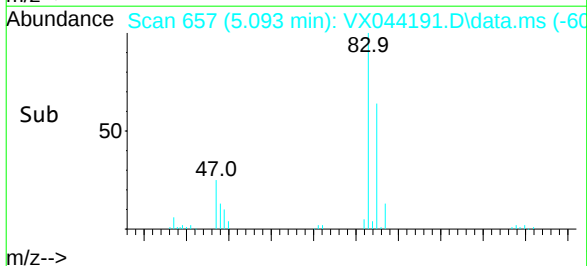
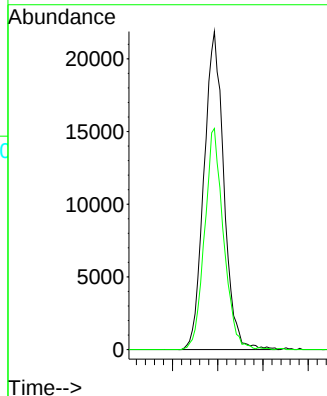
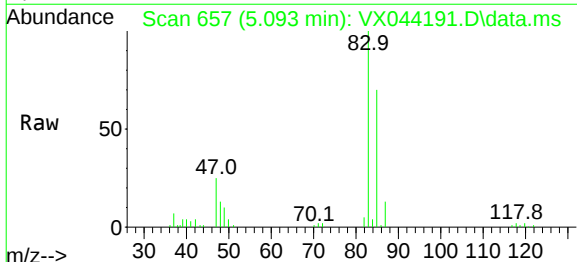
Manual Integrations
APPROVED

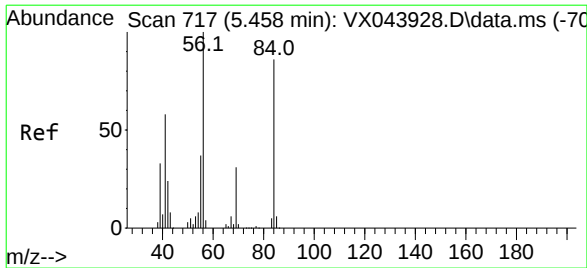
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#30
Chloroform
Concen: 19.655 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 83 Resp: 66948
Ion Ratio Lower Upper
83 100
85 69.5 53.5 80.3





#31

Cyclohexane

Concen: 16.957 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion: 56 Resp: 44199

Ion Ratio Lower Upper

56 100

69 28.4 24.7 37.1

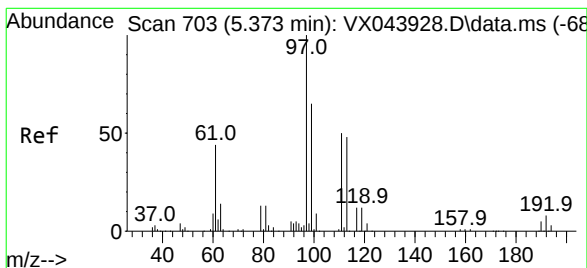
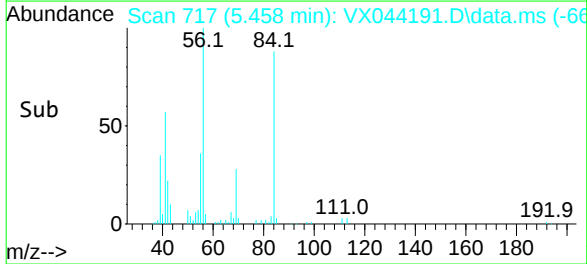
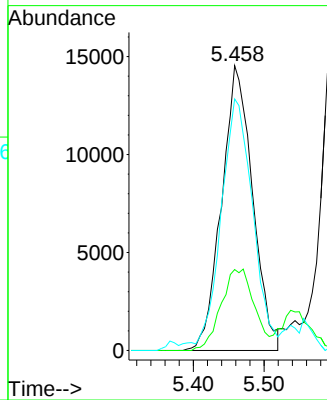
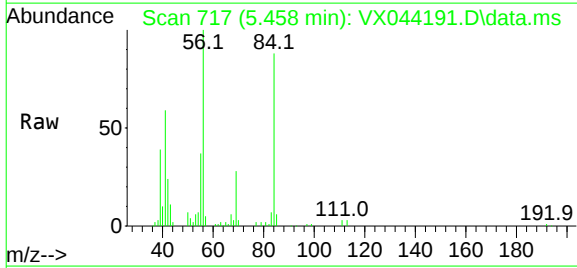
84 86.6 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#32

1,1,1-Trichloroethane

Concen: 18.980 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

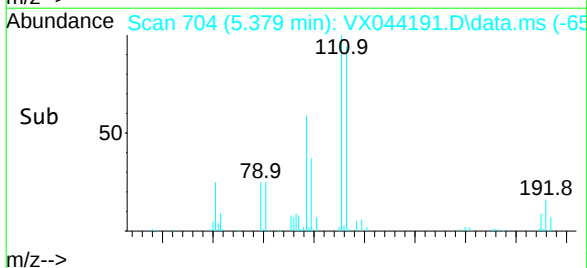
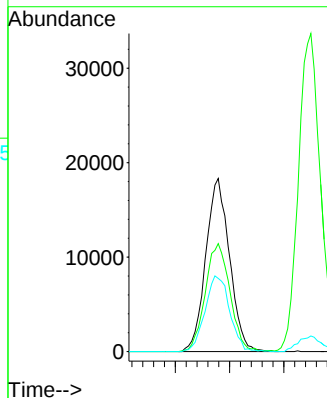
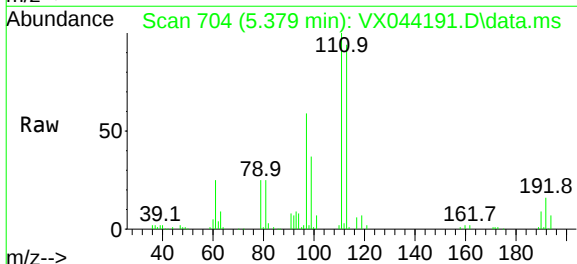
Tgt Ion: 97 Resp: 55751

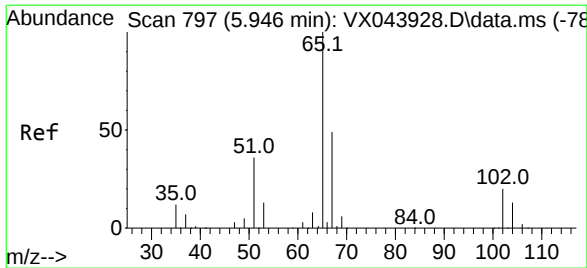
Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

61 45.4 35.4 53.2





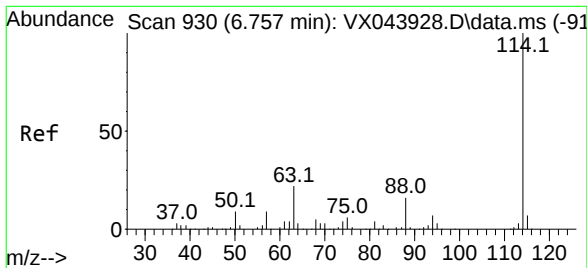
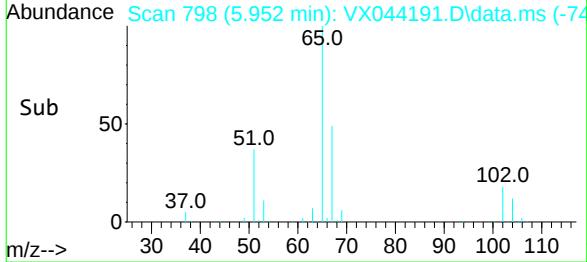
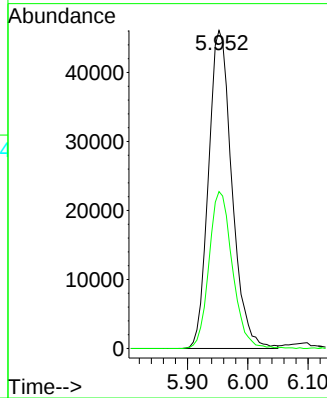
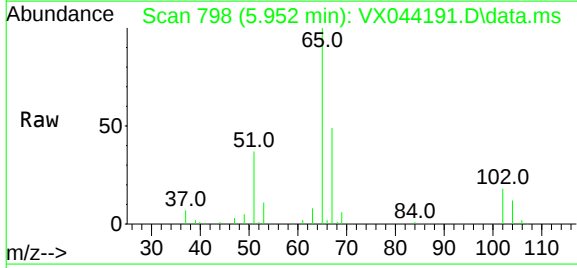
#33
1,2-Dichloroethane-d4
Concen: 53.205 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 65 Resp: 124428
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8

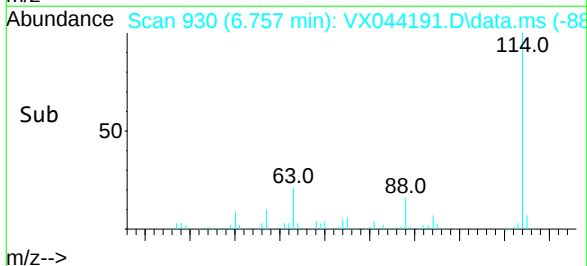
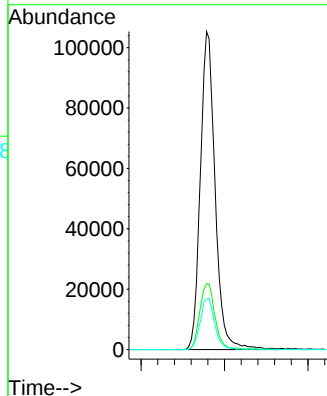
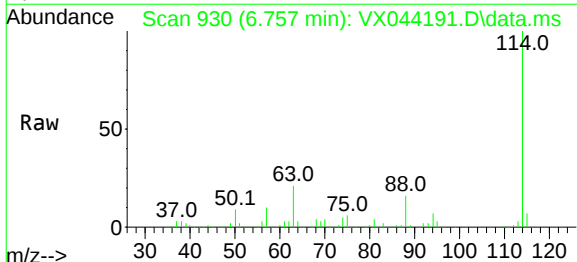
Manual Integrations
APPROVED

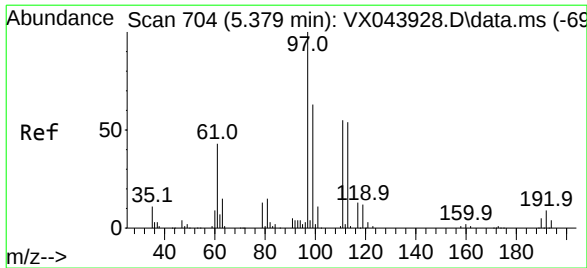
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

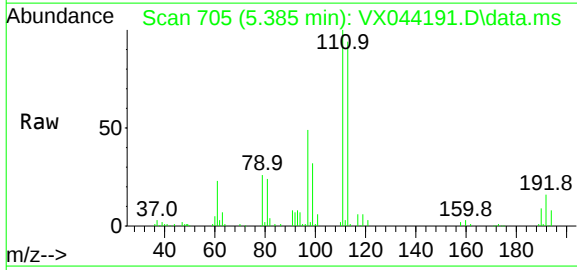
Tgt Ion:114 Resp: 258639
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.0
88 15.9 0.0 32.4





#35
Dibromofluoromethane
Concen: 48.078 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

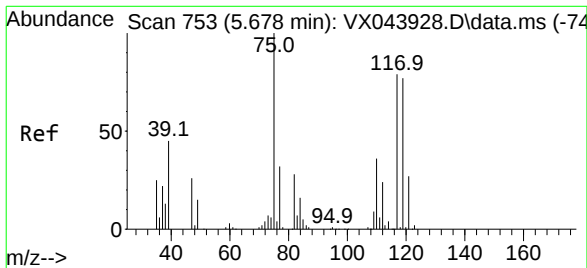
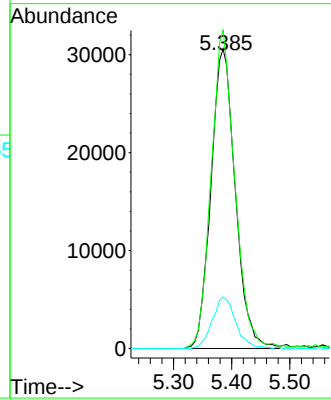
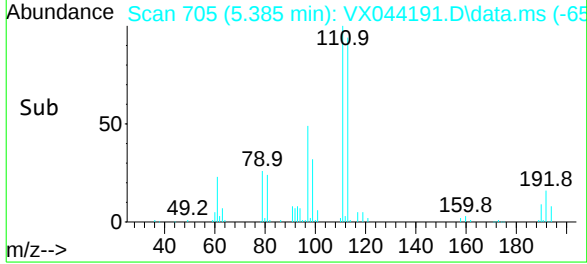
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion:113 Resp: 88854
Ion Ratio Lower Upper
113 100
111 103.6 81.0 121.4
192 16.6 13.0 19.6

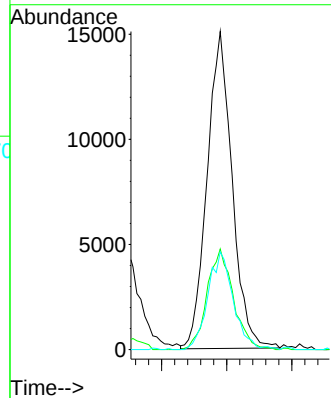
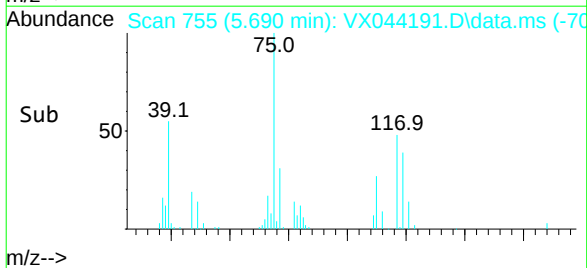
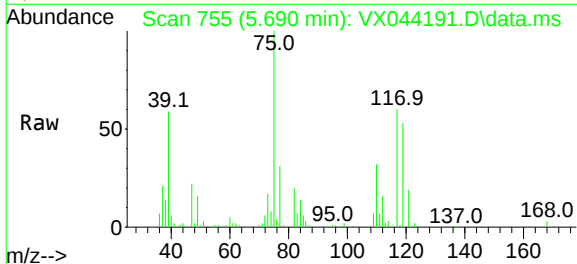
Manual Integrations
APPROVED

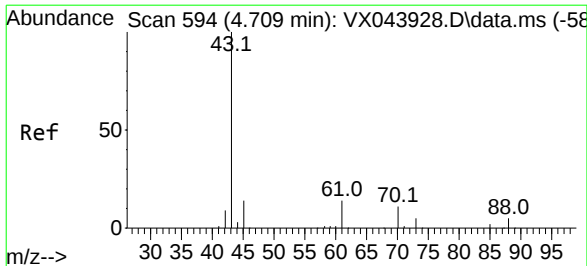
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#36
1,1-Dichloropropene
Concen: 17.500 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.012 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 75 Resp: 40302
Ion Ratio Lower Upper
75 100
110 33.1 17.4 52.2
77 31.2 25.8 38.8





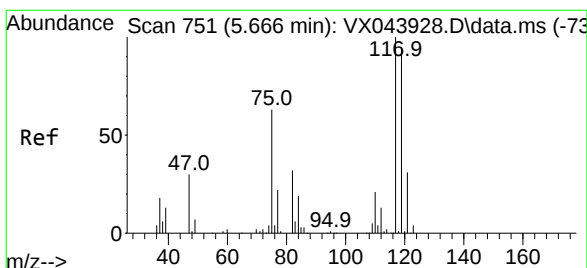
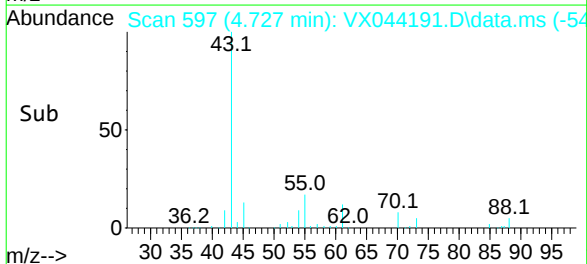
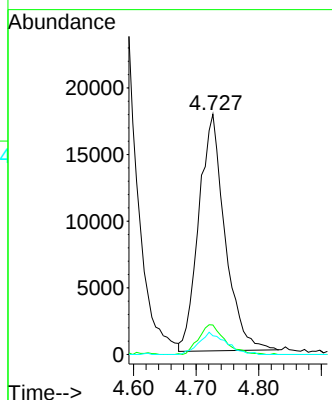
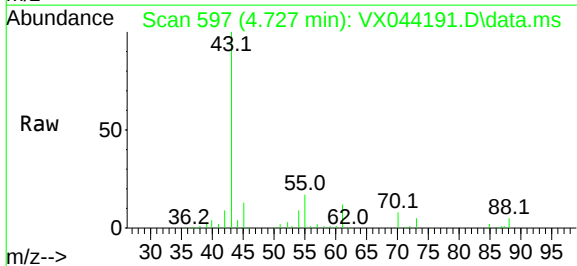
#37
Ethyl Acetate
Concen: 18.074 ug/l
RT: 4.727 min Scan# 594
Delta R.T. 0.018 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.7	16.1
70	9.6	8.0	12.0

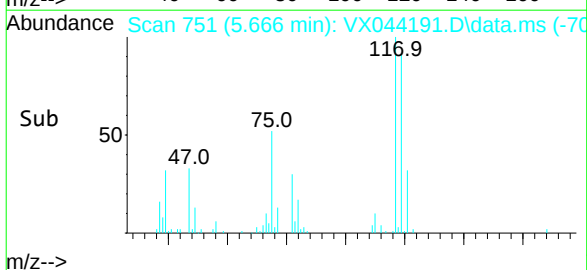
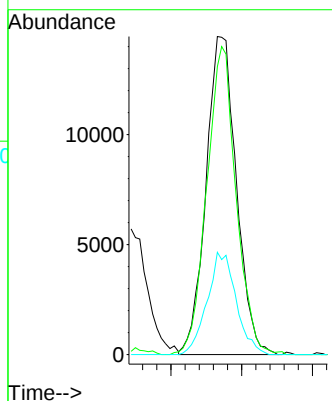
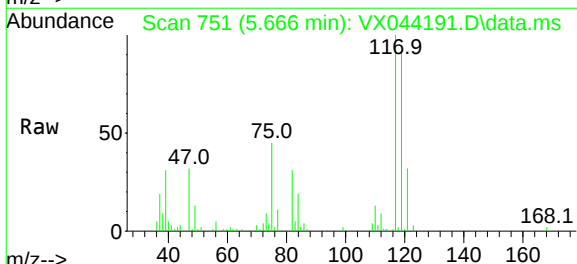
Manual Integrations
APPROVED

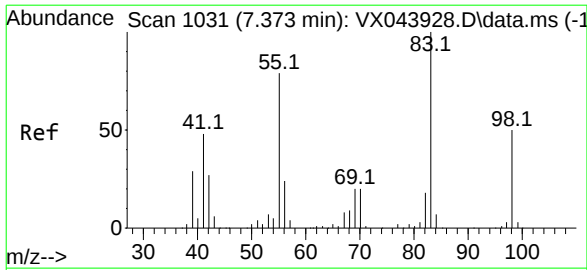
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#38
Carbon Tetrachloride
Concen: 16.663 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.2	112.8
121	32.2	24.5	36.7





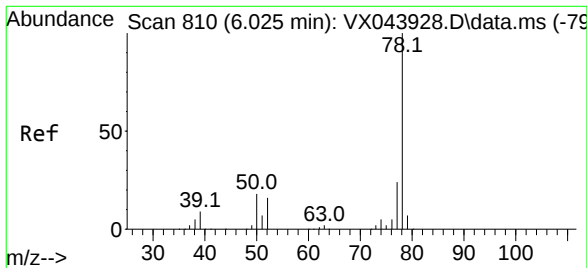
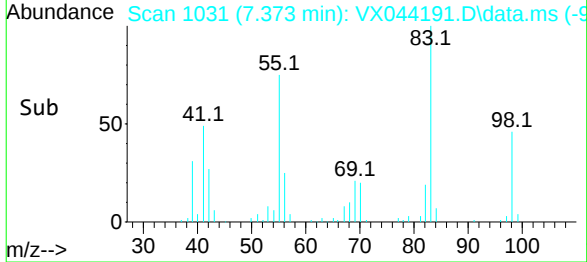
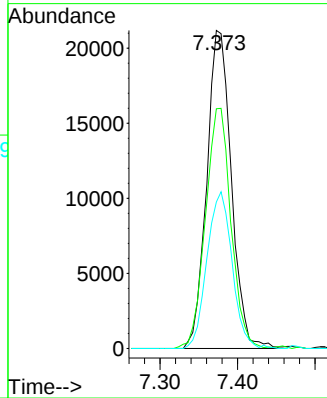
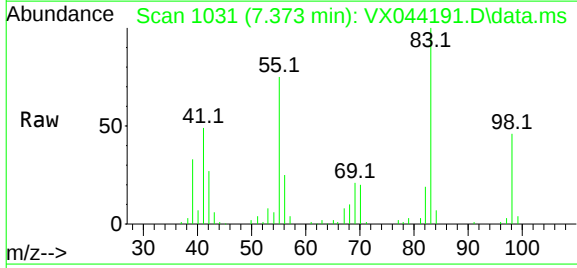
#39
Methylcyclohexane
Concen: 15.639 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.8	63.1	94.7
98	46.0	40.0	60.0

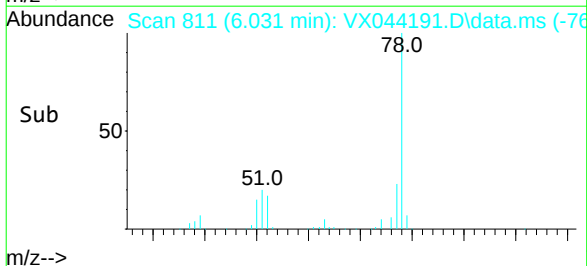
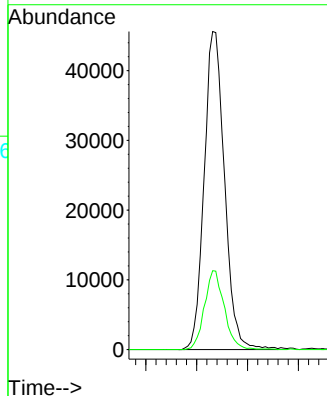
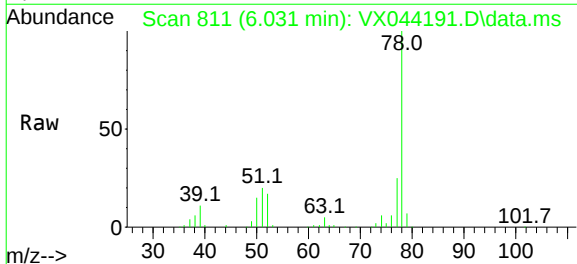
Manual Integrations
APPROVED

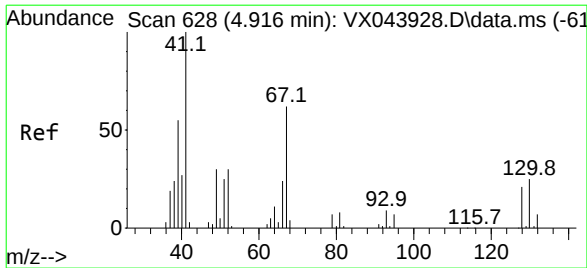
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#40
Benzene
Concen: 17.684 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8





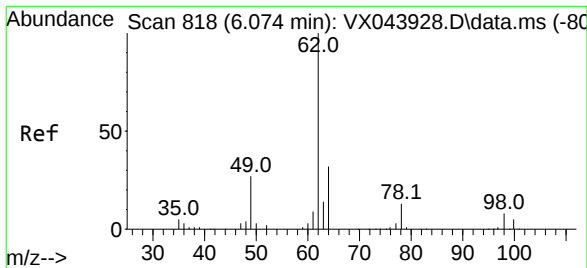
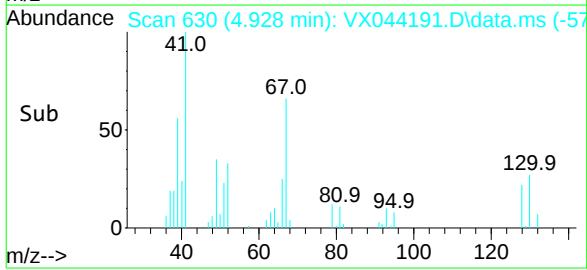
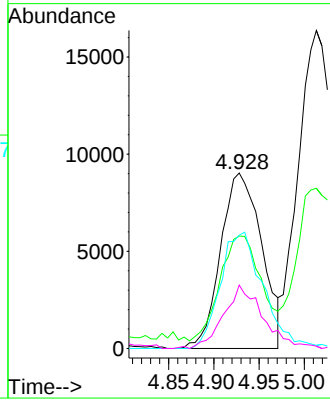
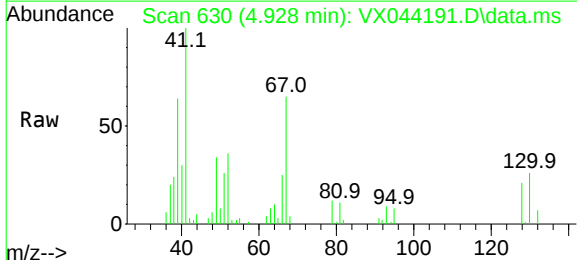
#41
Methacrylonitrile
Concen: 19.476 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.012 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion:	41	Resp:	28496
Ion	Ratio	Lower	Upper
41	100		
39	60.1	41.7	62.5
67	70.1	55.8	83.8
52	34.8	24.0	36.0

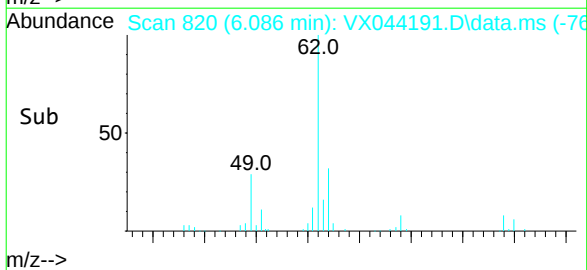
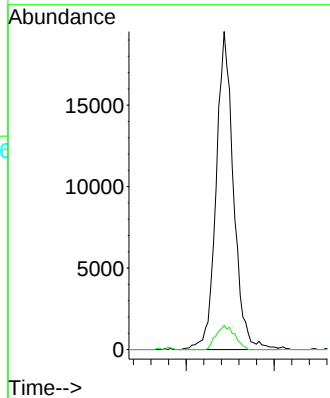
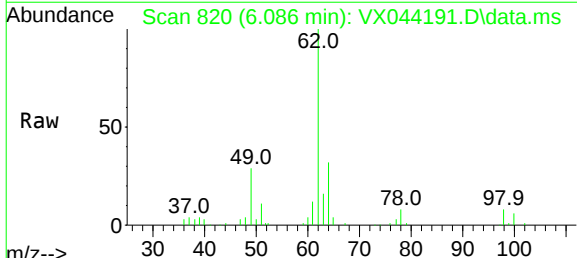
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APPROVED

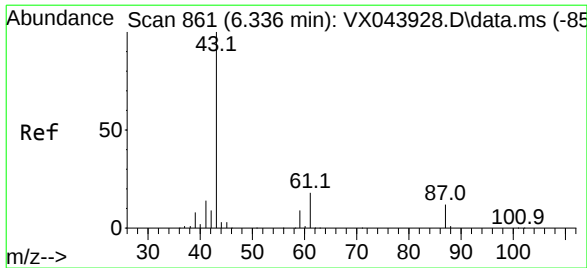
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#42
1,2-Dichloroethane
Concen: 18.605 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.012 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion:	62	Resp:	53602
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.4





#43

Isopropyl Acetate

Concen: 18.751 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

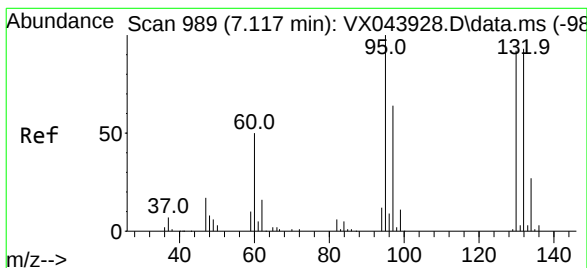
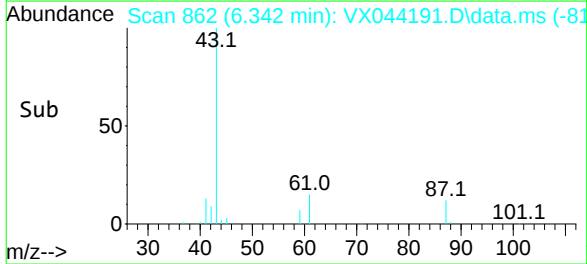
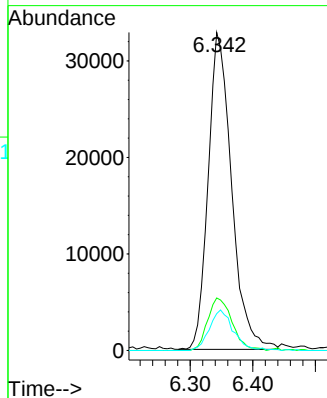
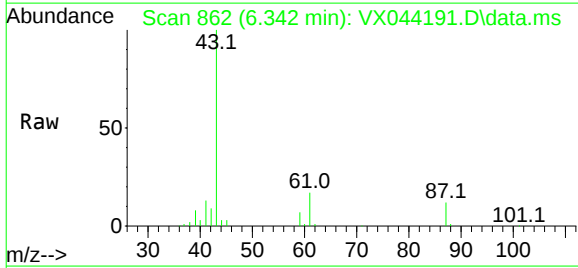
Tgt Ion:	43	Resp:	85309
Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.5	21.7
87	13.1	10.2	15.2

Manual Integrations

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Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#44

Trichloroethene

Concen: 15.367 ug/l

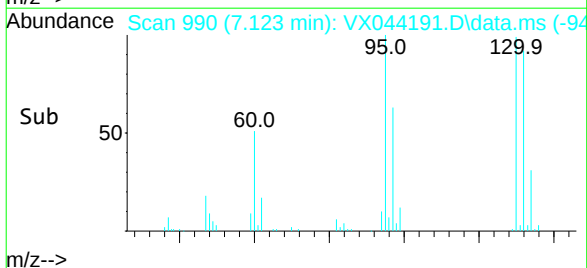
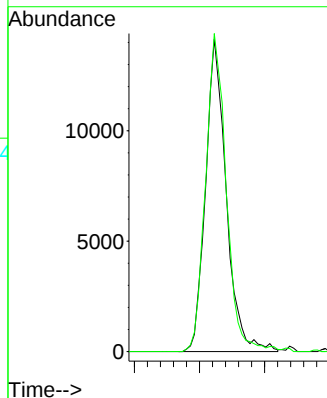
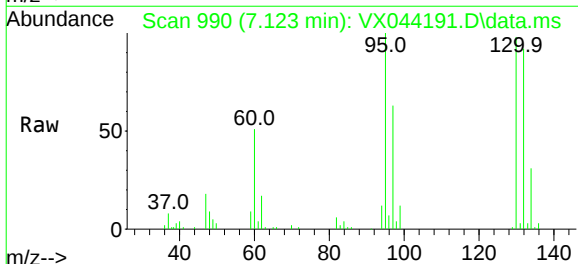
RT: 7.123 min Scan# 990

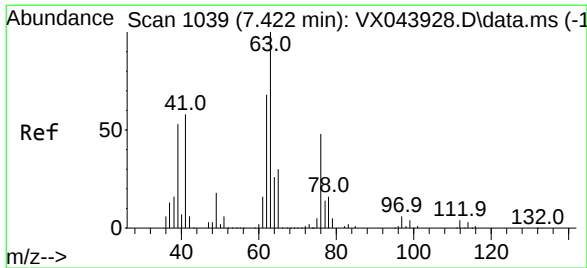
Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Tgt Ion:	130	Resp:	31206
Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	217.8





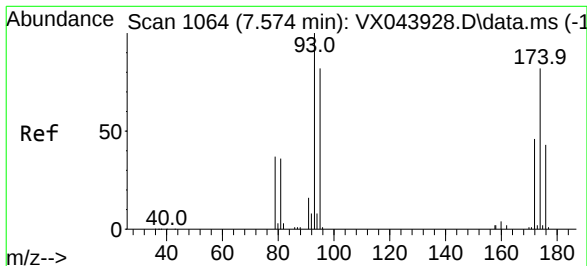
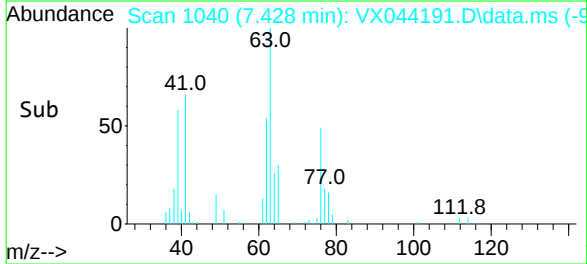
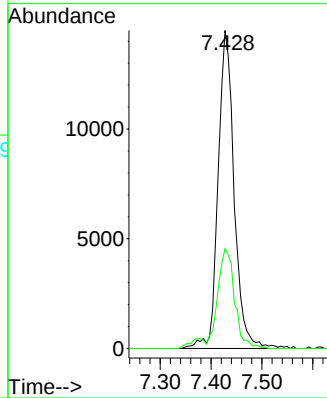
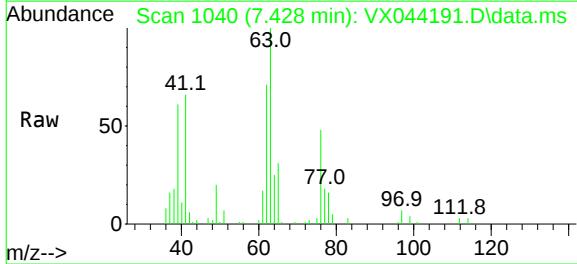
#45
1,2-Dichloropropane
Concen: 18.058 ug/l
RT: 7.428 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 63 Resp: 31728
Ion Ratio Lower Upper
63 100
65 31.4 23.8 35.6

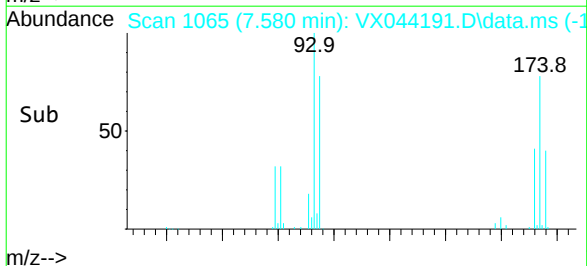
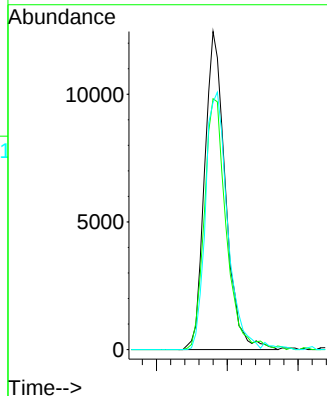
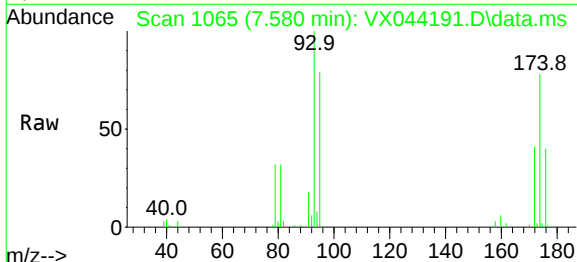
Manual Integrations
APPROVED

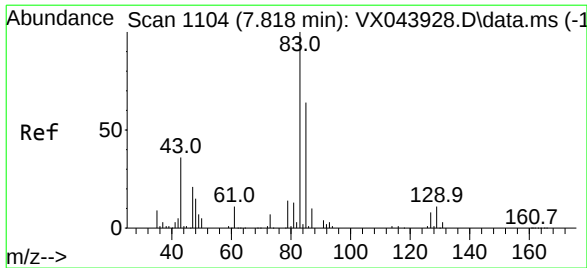
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#46
Dibromomethane
Concen: 18.252 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 93 Resp: 25367
Ion Ratio Lower Upper
93 100
95 83.6 66.2 99.4
174 85.4 69.6 104.4





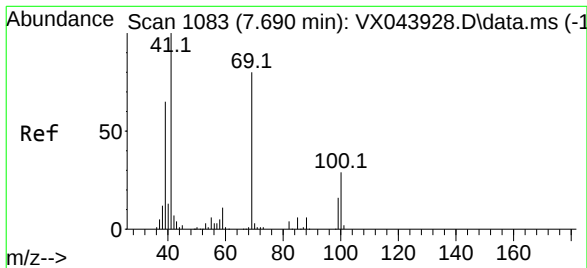
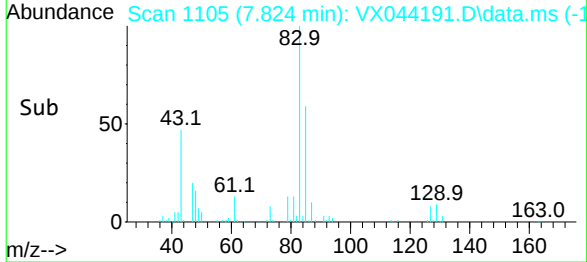
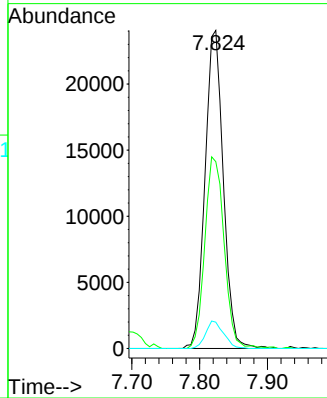
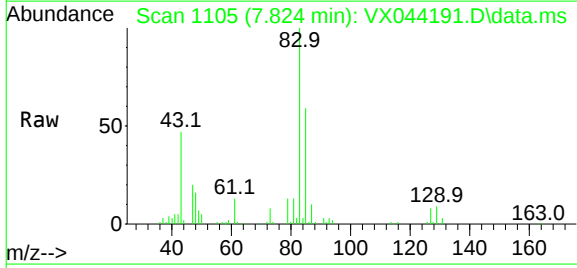
#47
Bromodichloromethane
Concen: 18.030 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion:	83	Resp:	44942
Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.4	77.0
127	8.3	6.6	10.0

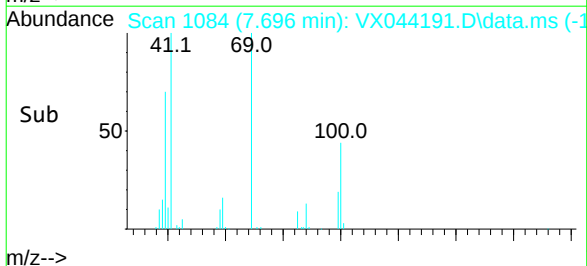
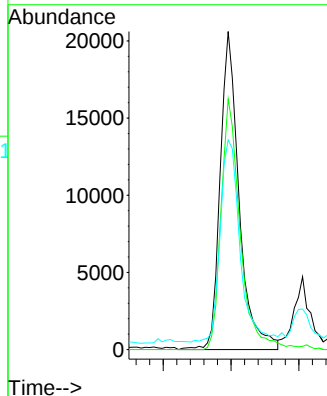
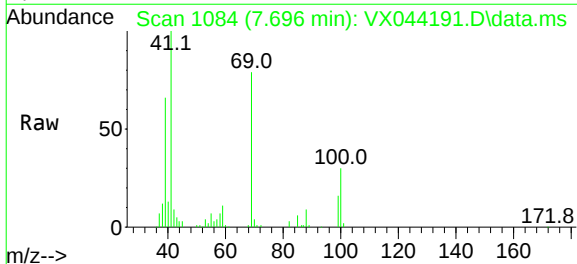
Manual Integrations
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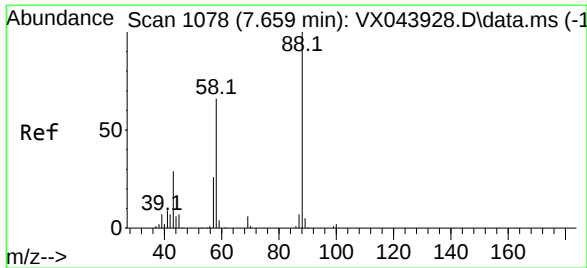
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#48
Methyl methacrylate
Concen: 18.293 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

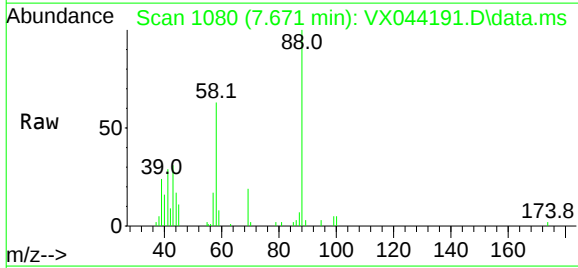
Tgt Ion:	41	Resp:	39935
Ion	Ratio	Lower	Upper
41	100		
69	79.5	64.6	97.0
39	66.5	53.3	79.9





#49
1,4-Dioxane
Concen: 276.832 ug/l
RT: 7.671 min Scan# 10765
Delta R.T. 0.012 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

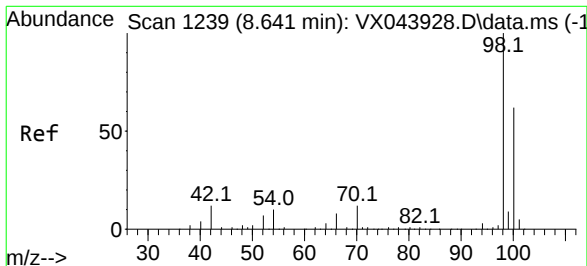
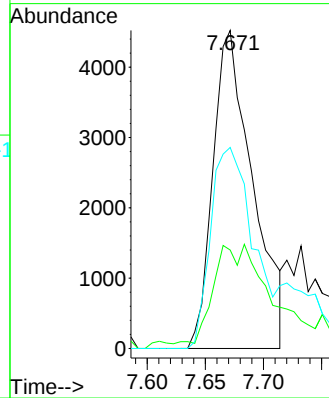
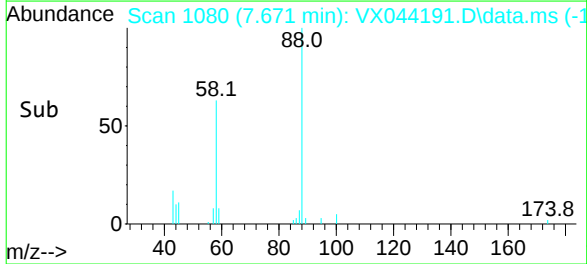
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 88 Resp: 10765
Ion Ratio Lower Upper
88 100
43 43.7 26.8 40.2#
58 67.5 45.4 68.2

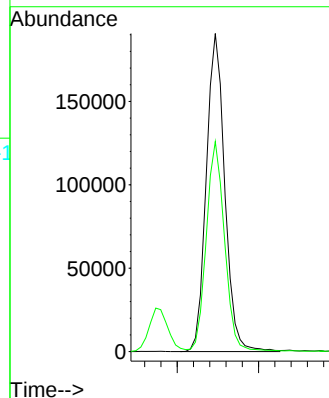
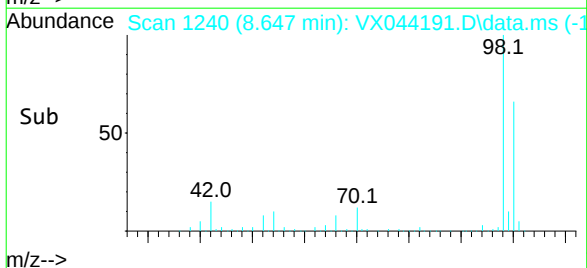
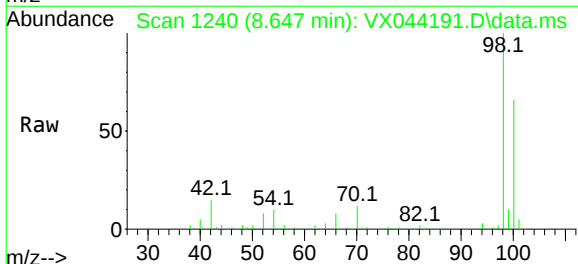
Manual Integrations
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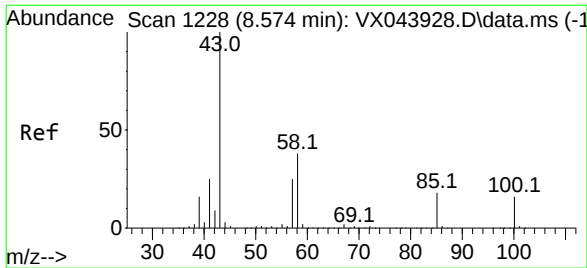
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#50
Toluene-d8
Concen: 47.192 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 98 Resp: 300643
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0





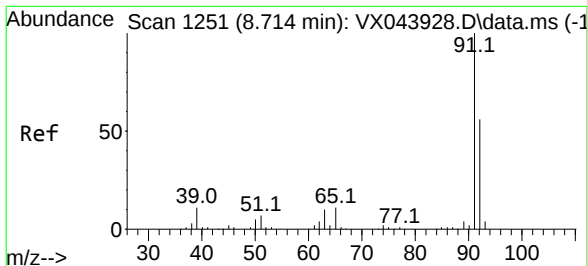
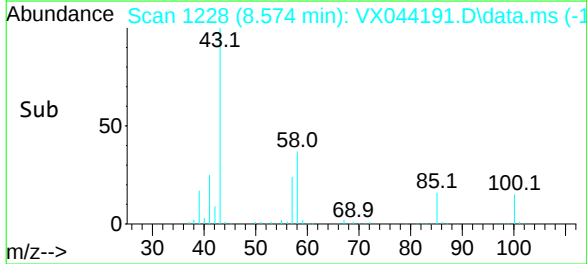
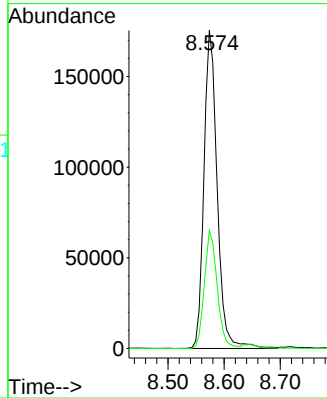
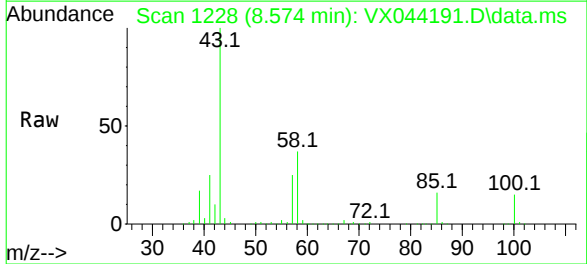
#51
4-Methyl-2-Pentanone
Concen: 103.625 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 43 Resp: 287698
Ion Ratio Lower Upper
43 100
58 36.0 30.0 45.0

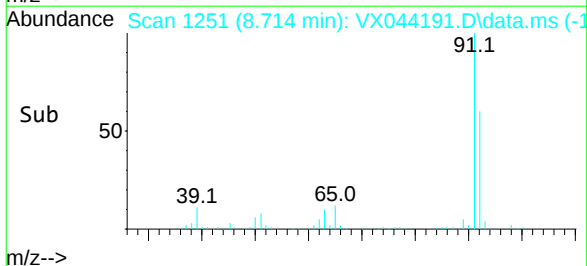
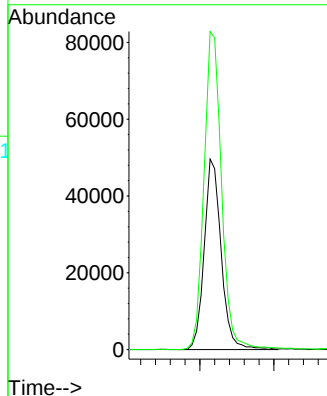
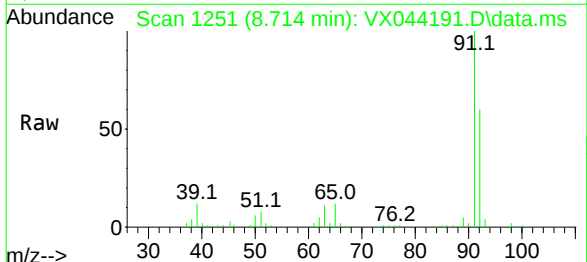
Manual Integrations
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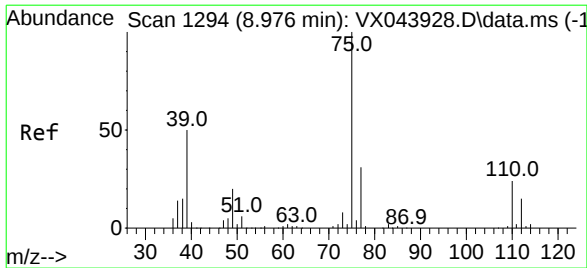
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#52
Toluene
Concen: 18.399 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

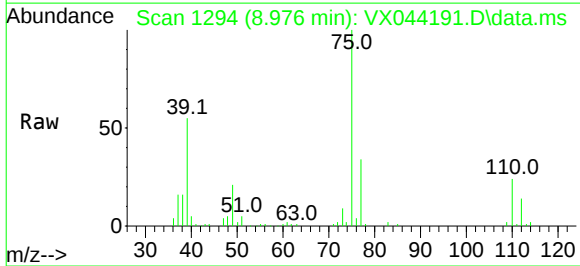
Tgt Ion: 92 Resp: 78997
Ion Ratio Lower Upper
92 100
91 174.0 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 17.090 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

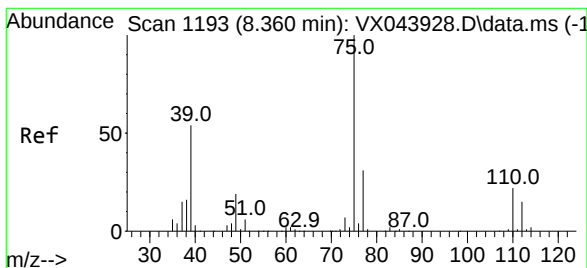
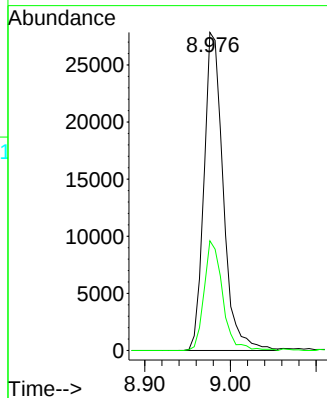
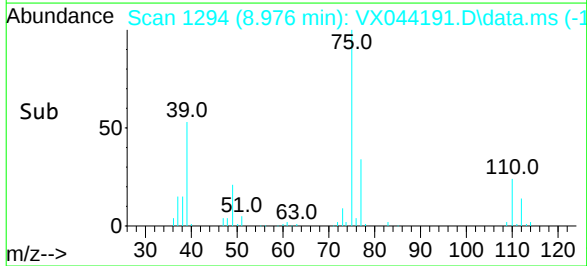
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



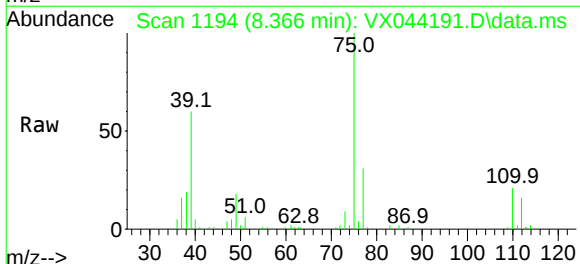
Tgt Ion: 75 Resp: 43442
Ion Ratio Lower Upper
75 100
77 34.5 25.1 37.7

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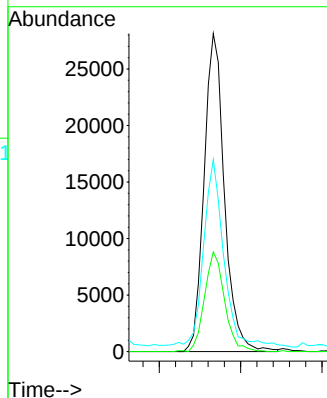
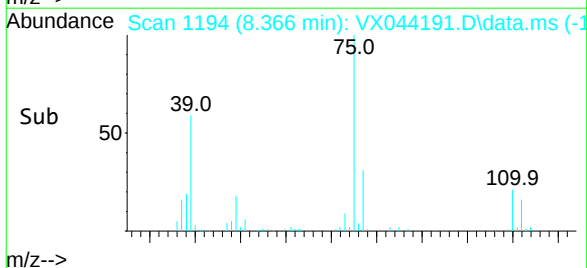
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

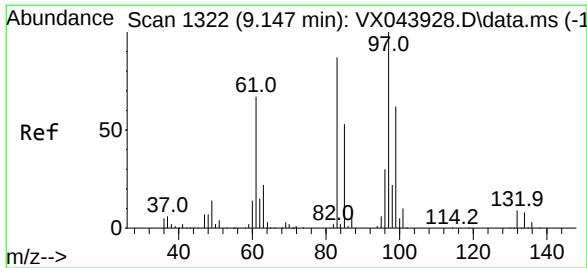


#54
cis-1,3-Dichloropropene
Concen: 17.514 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27



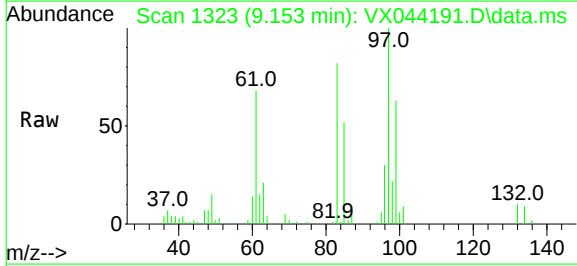
Tgt Ion: 75 Resp: 48804
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 58.2 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 18.490 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

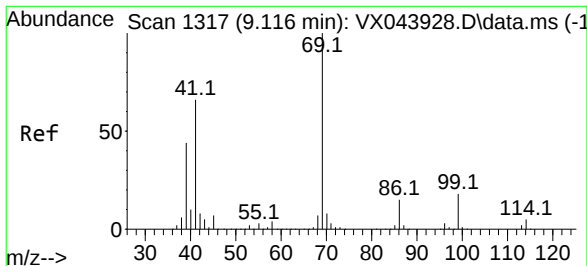
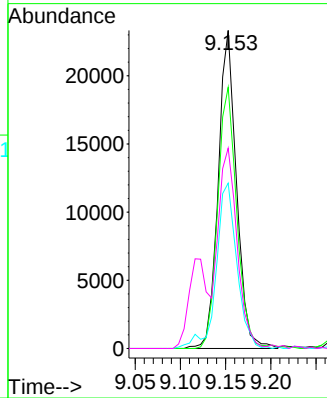
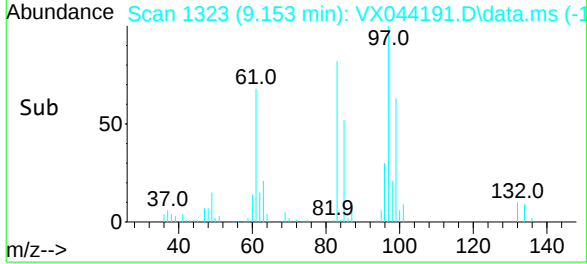
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



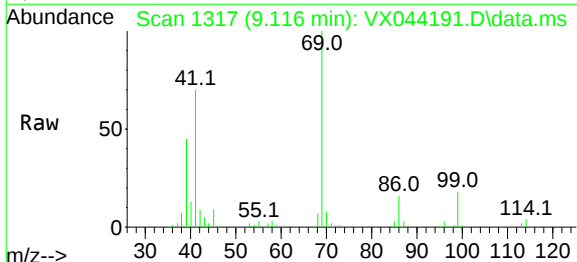
Tgt Ion:	97	Resp:	32772
Ion	Ratio	Lower	Upper
97	100		
83	82.1	69.4	104.0
85	51.5	42.3	63.5
99	62.4	49.6	74.4

Manual Integrations
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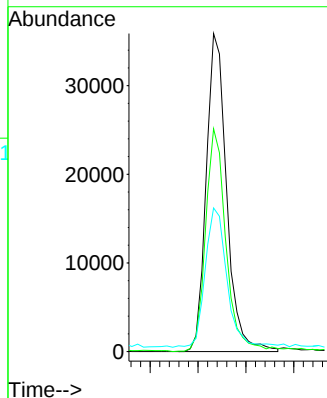
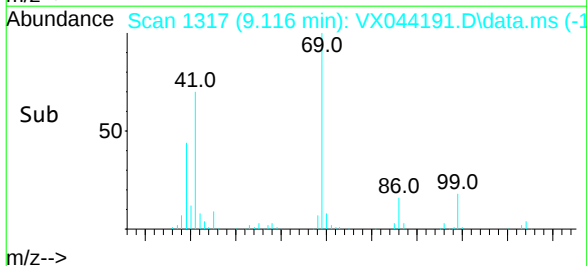
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

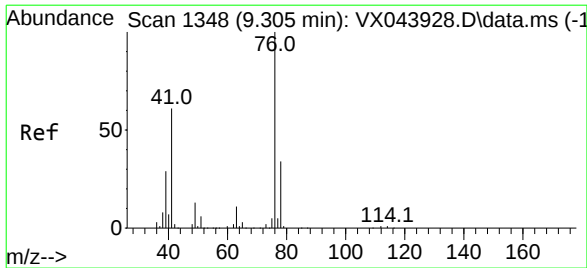


#56
Ethyl methacrylate
Concen: 19.249 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27



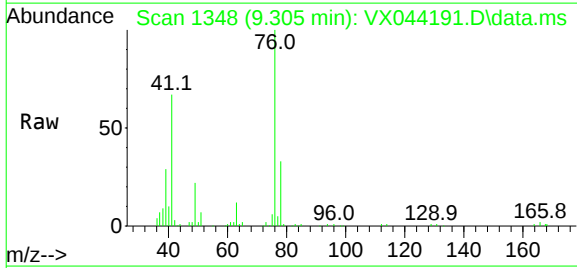
Tgt Ion:	69	Resp:	53139
Ion	Ratio	Lower	Upper
69	100		
41	70.3	55.8	83.8
39	46.9	36.7	55.1





#57
1,3-Dichloropropane
Concen: 19.333 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

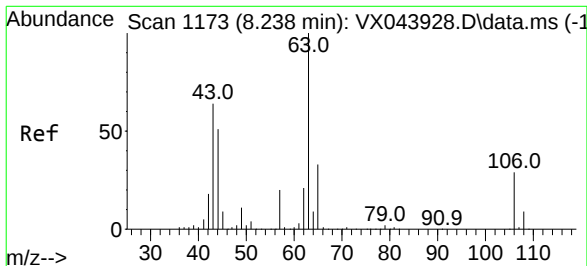
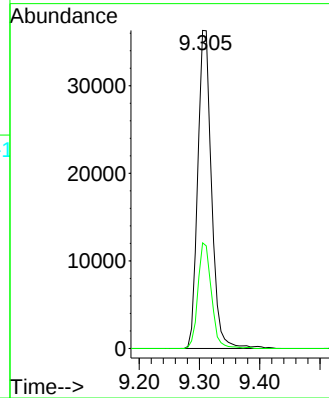
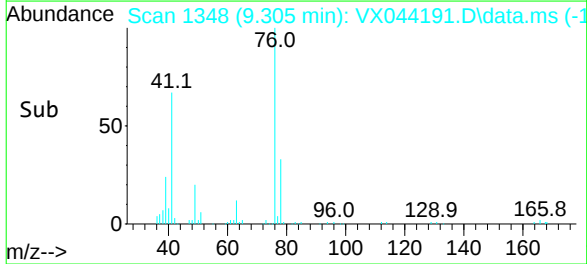
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 76 Resp: 57723
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

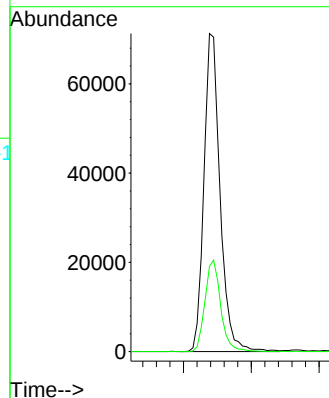
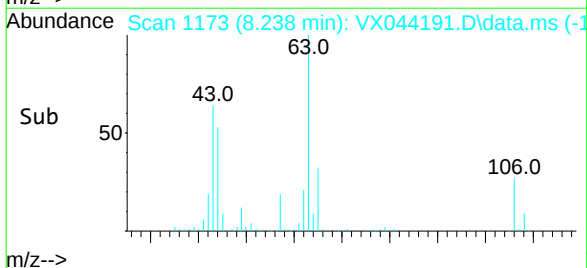
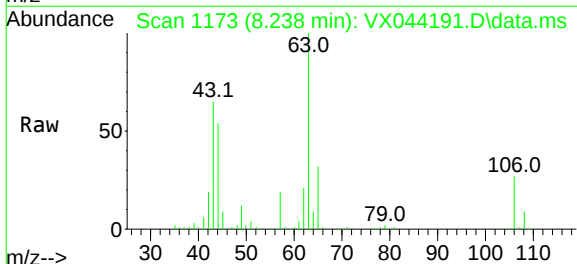
Manual Integrations
APPROVED

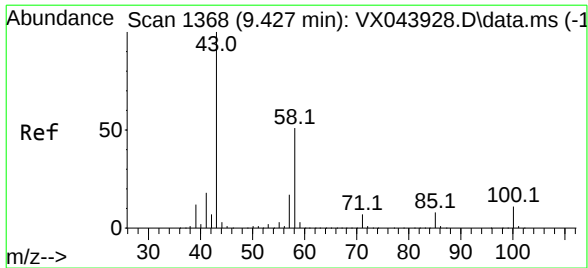
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 77.155 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

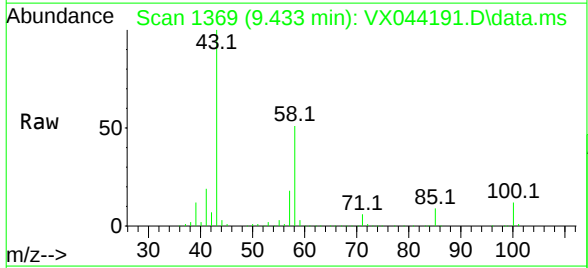
Tgt Ion: 63 Resp: 117664
Ion Ratio Lower Upper
63 100
106 28.1 23.0 34.6





#59
2-Hexanone
Concen: 102.187 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

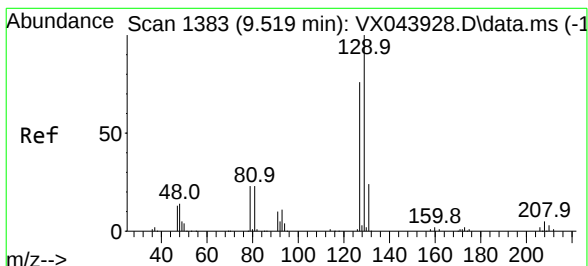
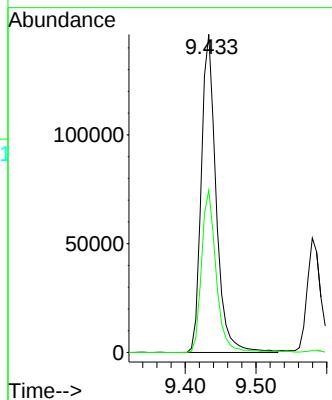
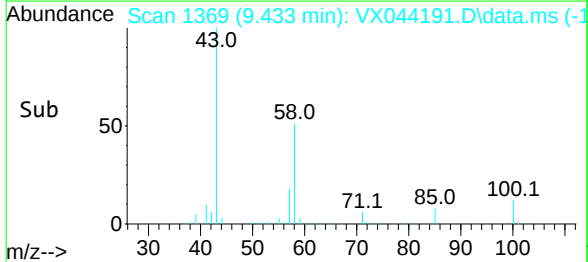
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 43 Resp: 213240
Ion Ratio Lower Upper
43 100
58 50.2 25.9 77.6

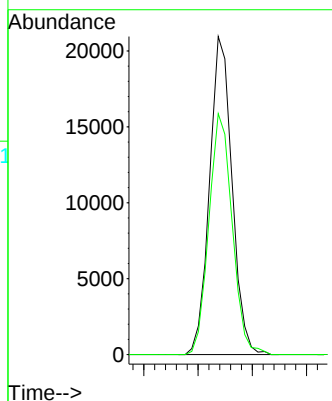
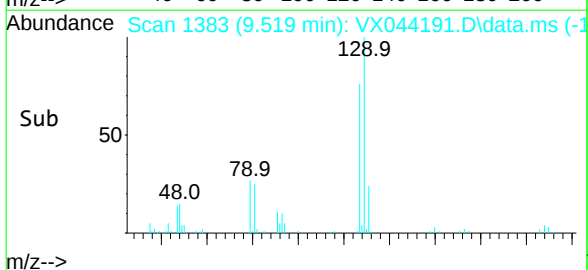
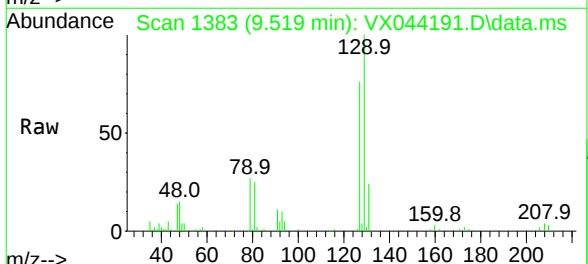
Manual Integrations
APPROVED

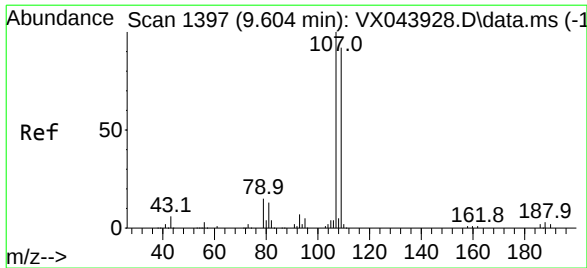
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#60
Dibromochloromethane
Concen: 16.960 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion:129 Resp: 30160
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6





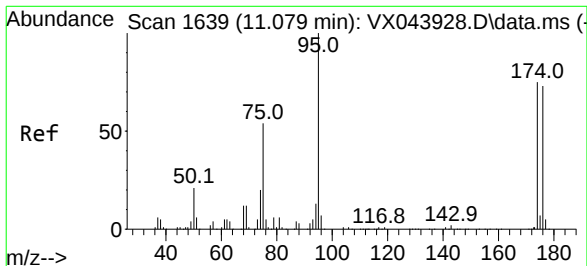
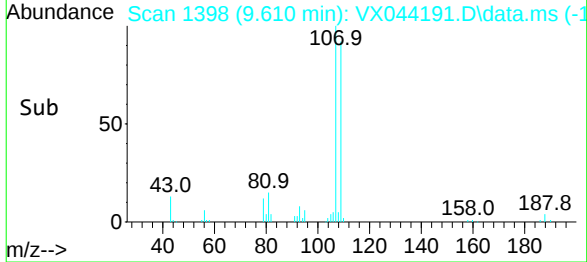
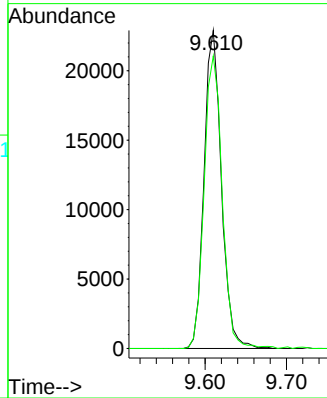
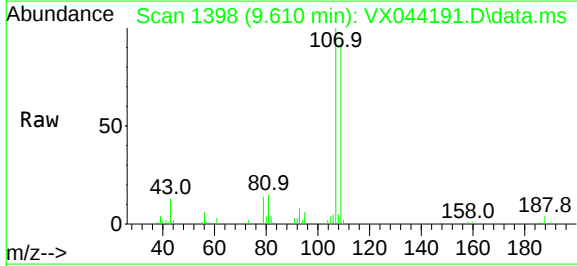
#61
1,2-Dibromoethane
Concen: 18.927 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 107 Resp: 33920
Ion Ratio Lower Upper
107 100
109 96.0 75.2 112.8

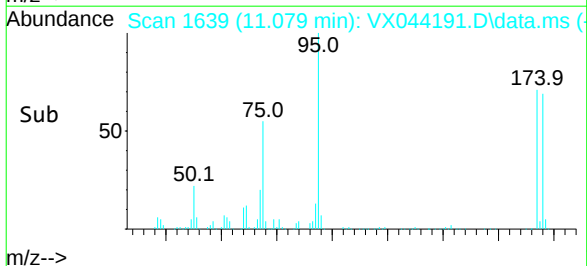
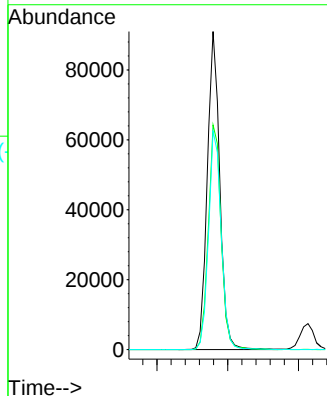
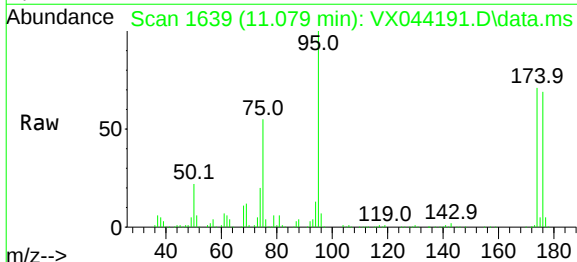
Manual Integrations
APPROVED

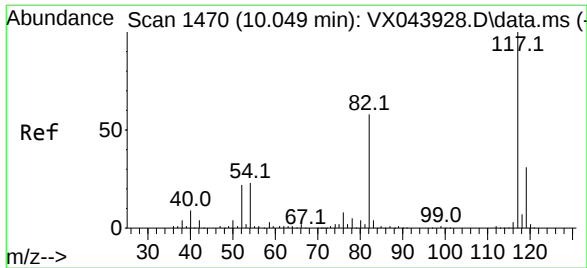
Reviewed By : John Carlone 12/10/2024
Supervised By : Mahesh Dadoda 12/10/2024



#62
4-Bromofluorobenzene
Concen: 51.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 95 Resp: 111713
Ion Ratio Lower Upper
95 100
174 72.1 0.0 150.4
176 69.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

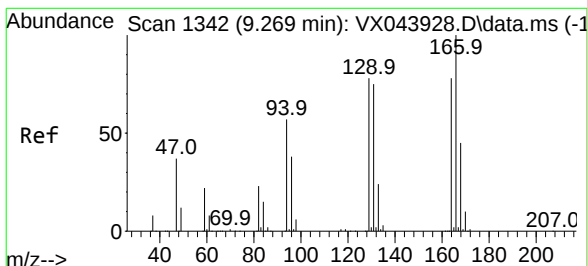
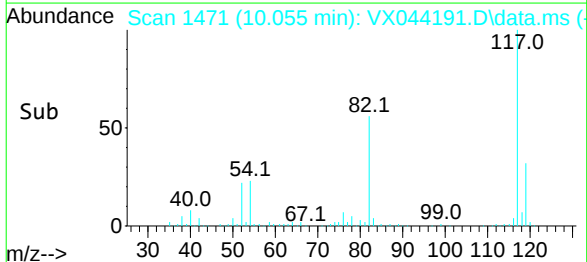
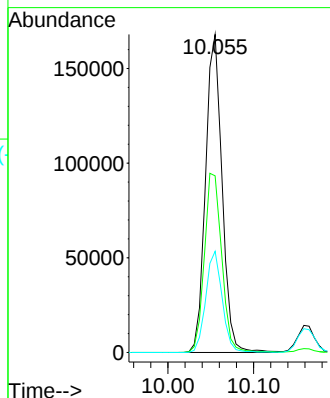
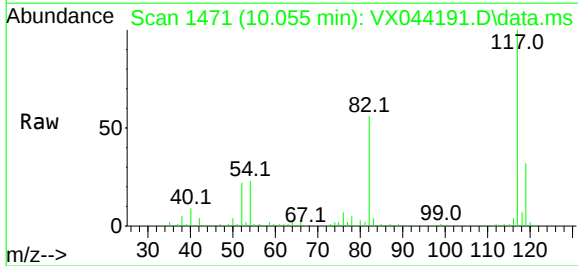
Tgt Ion:	117	Resp:	225578
Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.4	69.6
119	31.8	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#64

Tetrachloroethene

Concen: 17.610 ug/l

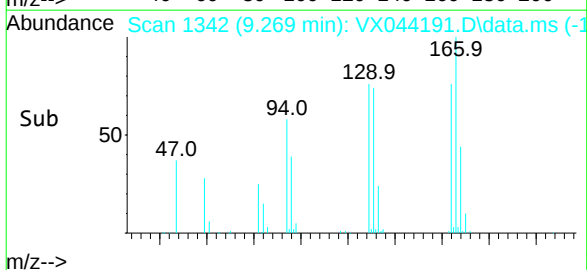
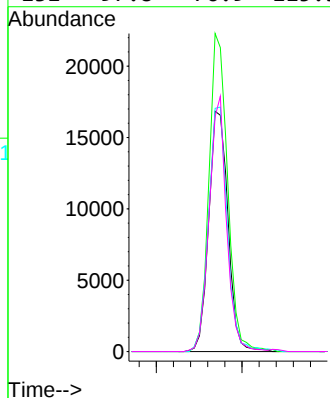
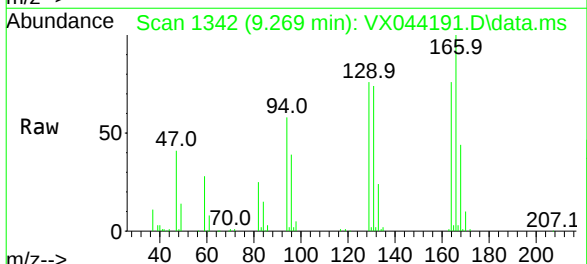
RT: 9.269 min Scan# 1342

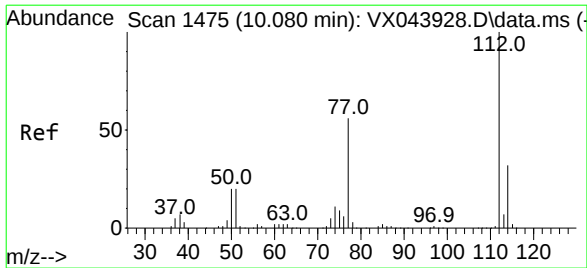
Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Tgt Ion:	164	Resp:	26194
Ion	Ratio	Lower	Upper
164	100		
166	132.4	102.1	153.1
129	101.2	79.6	119.4
131	97.8	76.9	115.3





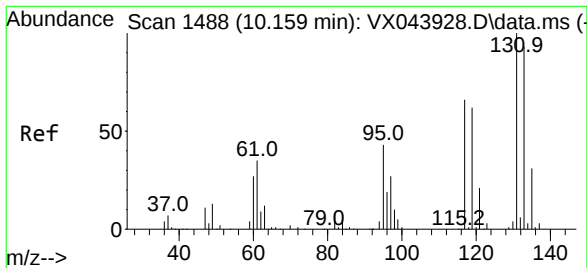
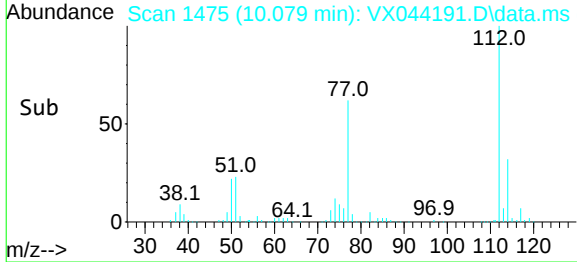
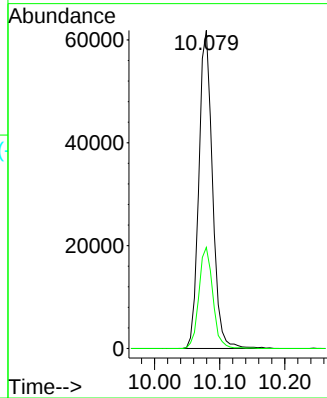
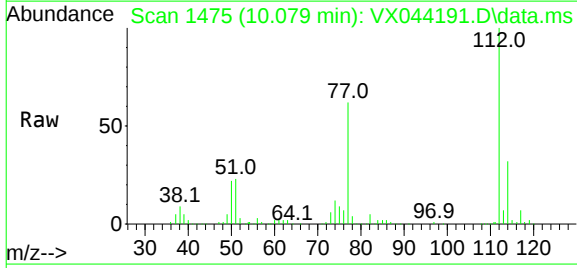
#65
Chlorobenzene
Concen: 18.095 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion:112 Resp: 89648
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

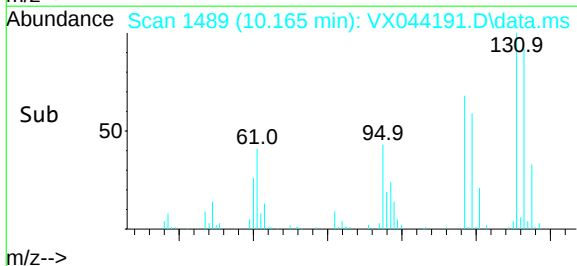
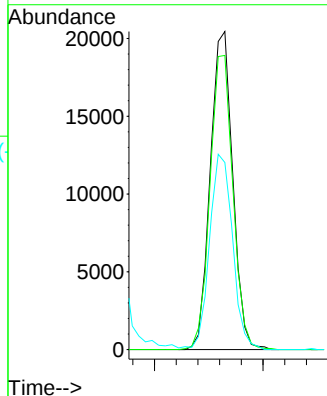
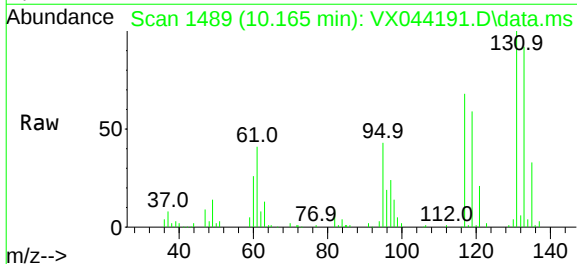
Manual Integrations
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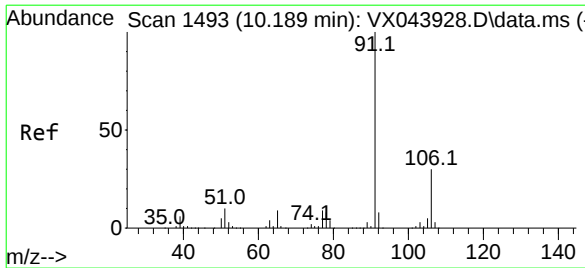
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.262 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion:131 Resp: 29342
Ion Ratio Lower Upper
131 100
133 94.7 48.2 144.6
119 63.0 31.5 94.5





#67

Ethyl Benzene

Concen: 18.493 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion: 91 Resp: 155249

Ion Ratio Lower Upper

91 100

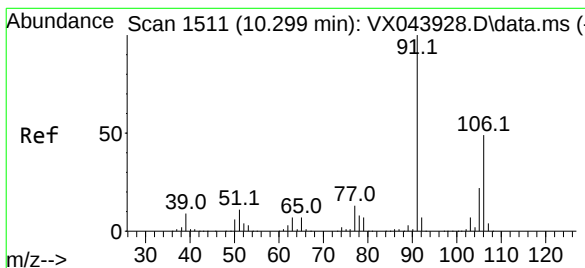
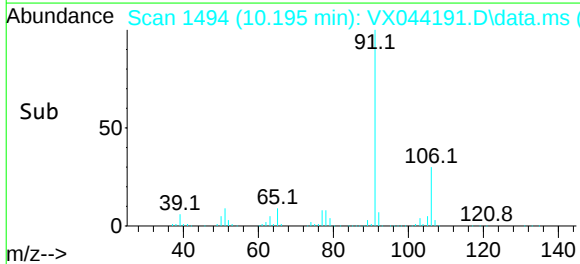
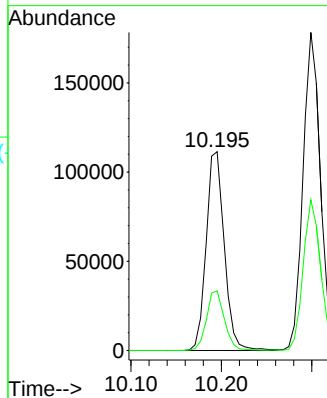
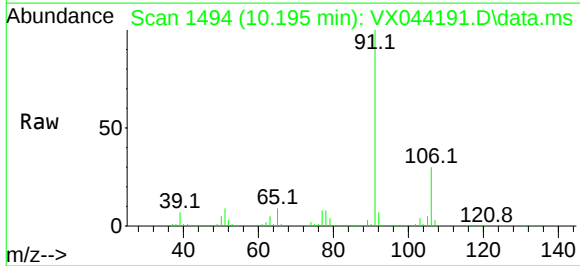
106 30.0 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#68

m/p-Xylenes

Concen: 36.799 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044191.D

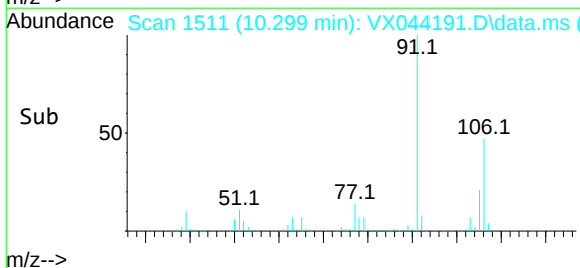
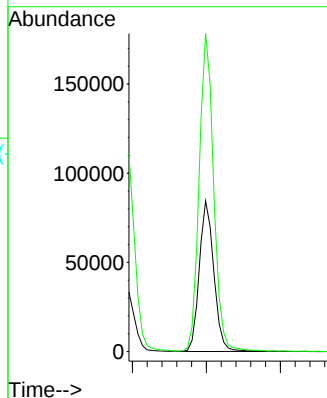
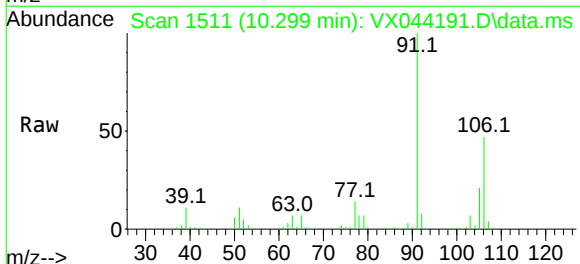
Acq: 09 Dec 2024 16:27

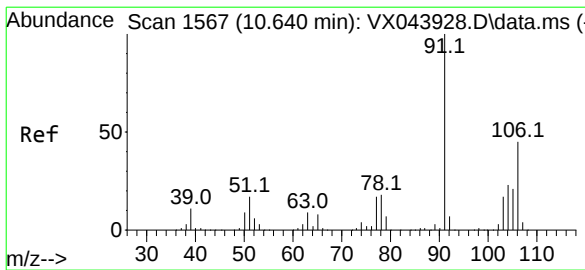
Tgt Ion:106 Resp: 115206

Ion Ratio Lower Upper

106 100

91 210.1 168.1 252.1





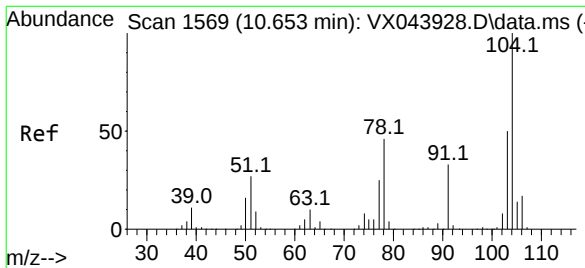
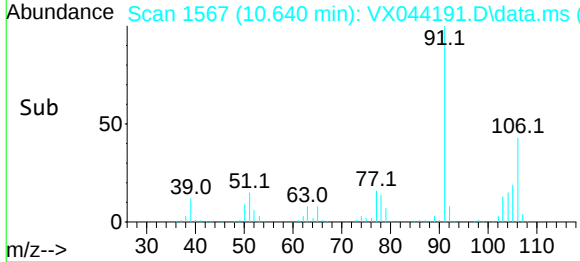
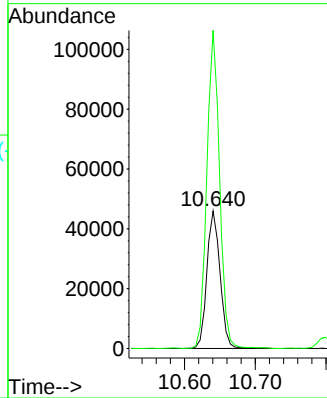
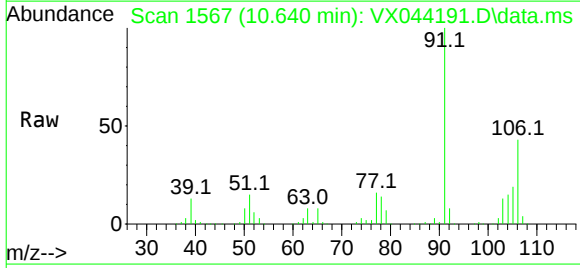
#69
o-Xylene
Concen: 19.477 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion:106 Resp: 59536
Ion Ratio Lower Upper
106 100
91 223.5 110.2 330.6

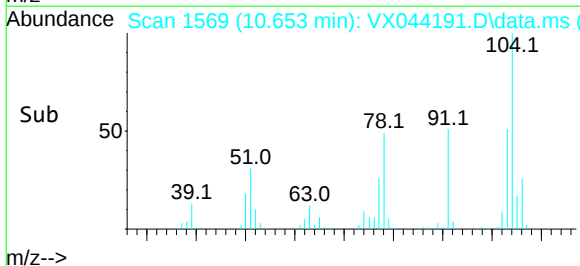
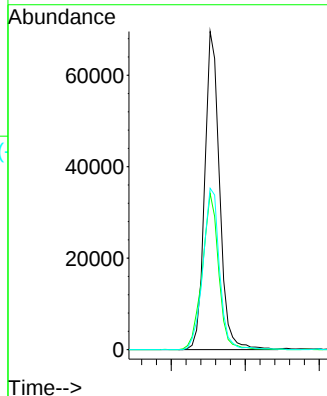
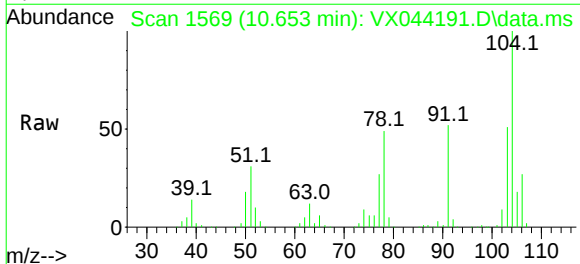
Manual Integrations
APPROVED

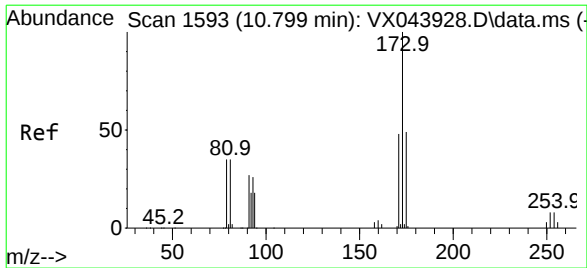
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#70
Styrene
Concen: 19.187 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion:104 Resp: 97004
Ion Ratio Lower Upper
104 100
78 54.1 42.2 63.2
103 56.7 44.7 67.1





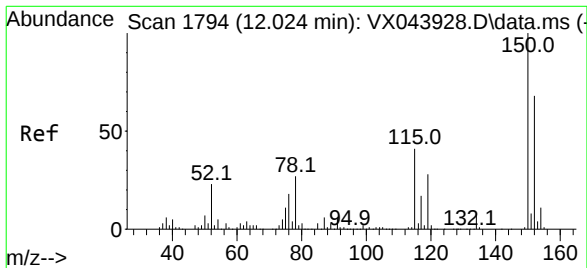
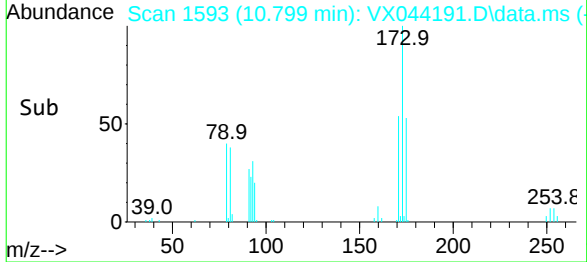
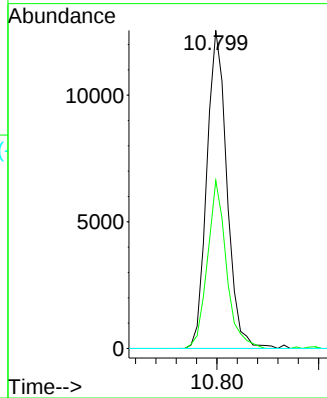
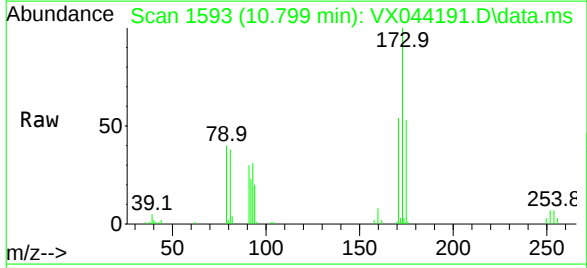
#71
Bromoform
Concen: 15.505 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.1	72.2
254	0.0	0.0	0.0

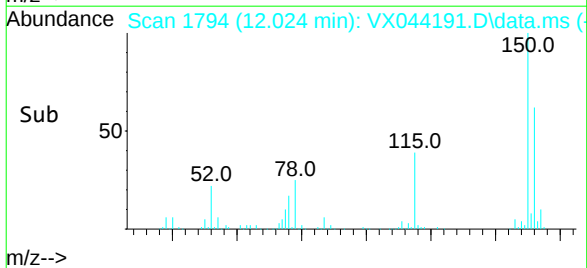
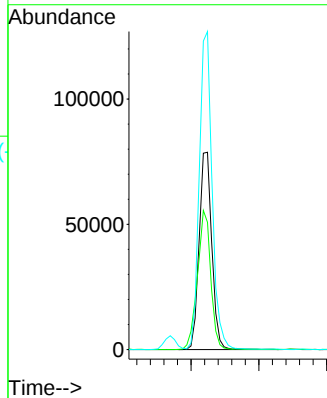
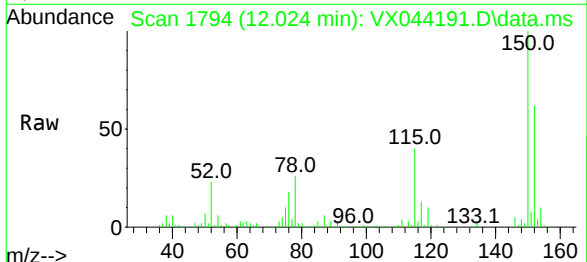
Manual Integrations
APPROVED

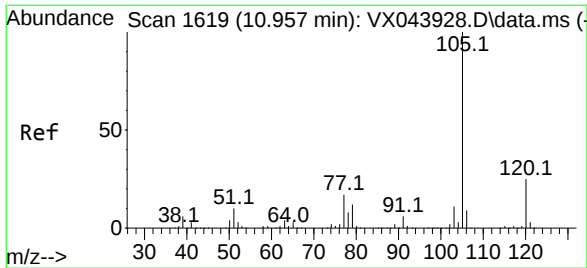
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	73.9	45.4	136.2
150	162.1	0.0	353.0





#73

Isopropylbenzene

Concen: 19.349 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion: 105 Resp: 152503

Ion Ratio Lower Upper

105 100

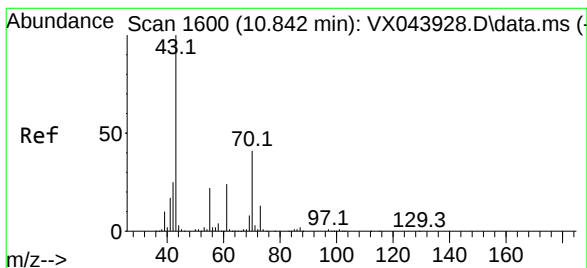
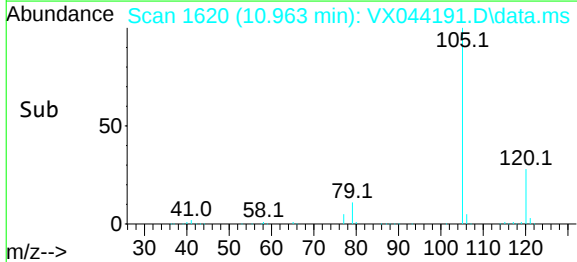
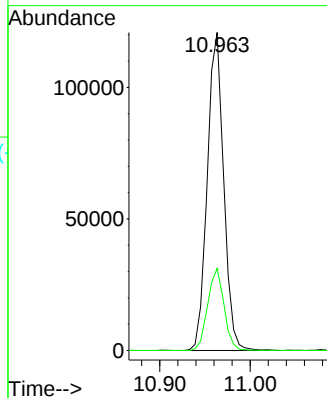
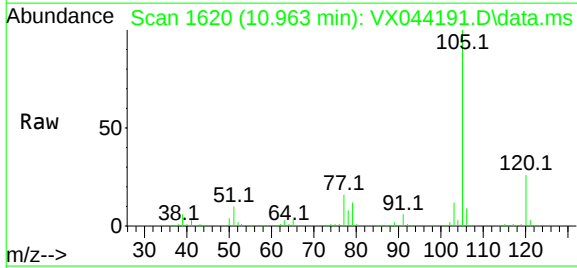
120 25.7 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#74

N-ethyl acetate

Concen: 19.619 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Tgt Ion: 43 Resp: 71636

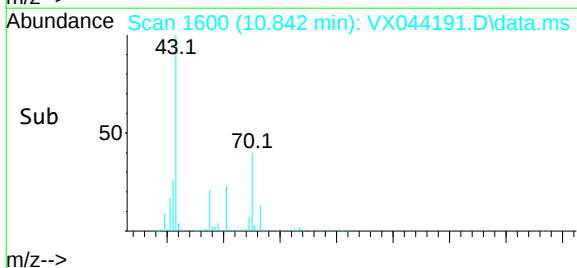
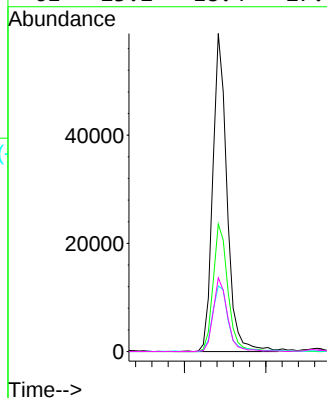
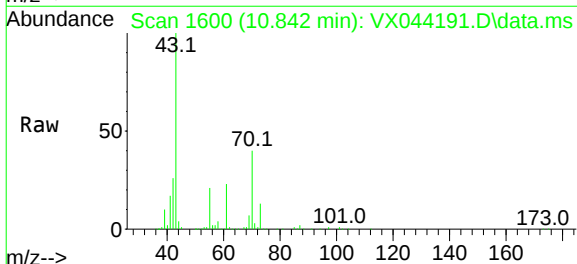
Ion Ratio Lower Upper

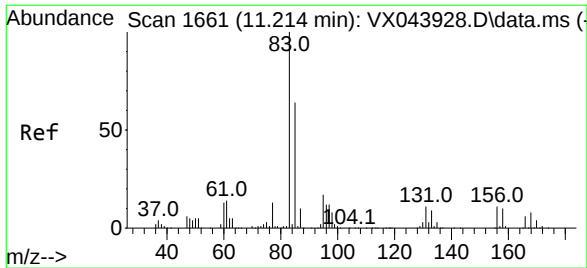
43 100

70 41.6 32.2 48.2

55 22.6 18.1 27.1

61 23.2 18.4 27.6





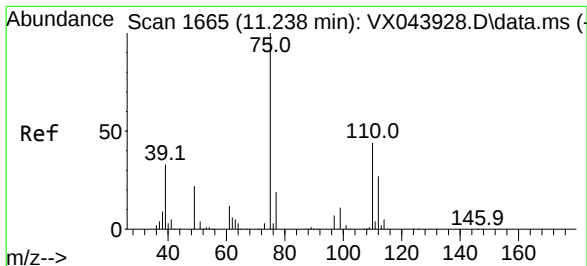
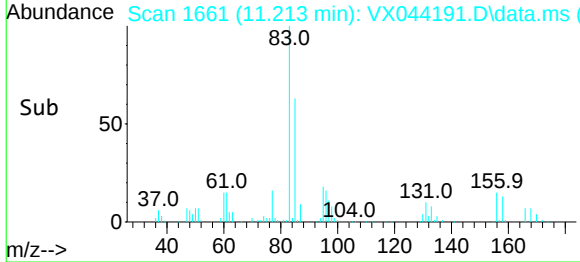
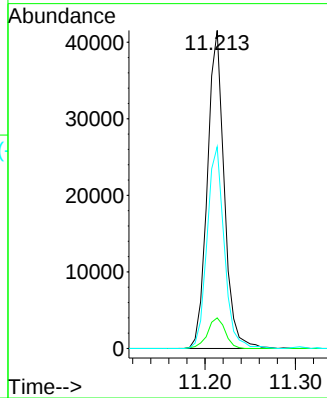
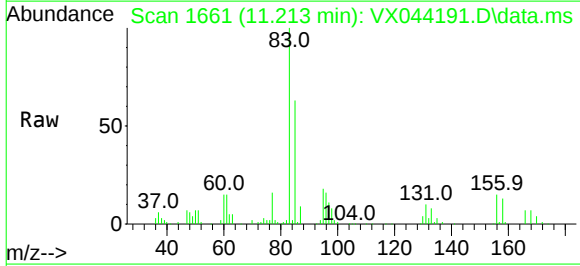
#75
1,1,2,2-Tetrachloroethane
Concen: 19.923 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion:	83	Resp:	53769
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.2
85	64.7	32.2	96.6

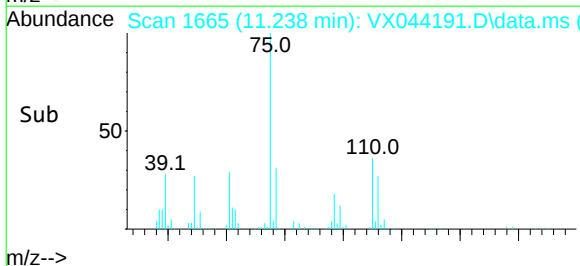
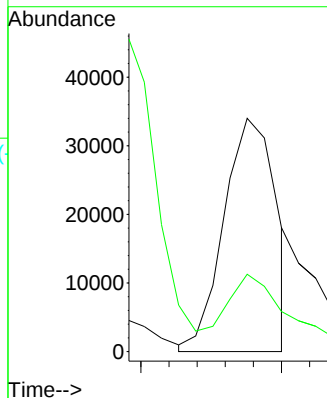
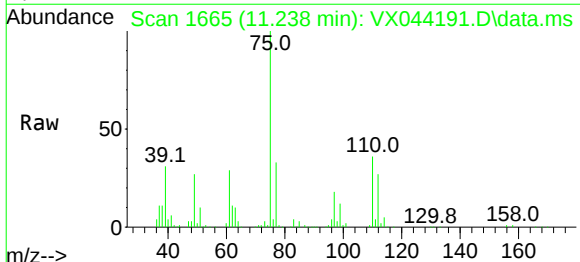
Manual Integrations
APPROVED

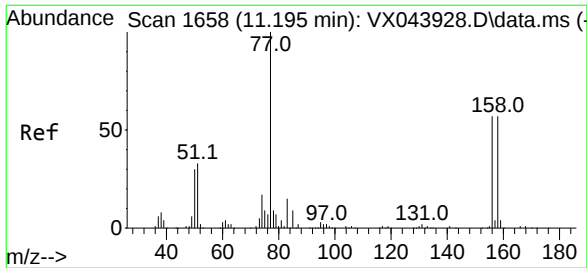
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#76
1,2,3-Trichloropropane
Concen: 19.590 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion:	75	Resp:	44051
Ion	Ratio	Lower	Upper
75	100		
77	40.7	21.8	65.3





#77

Bromobenzene

Concen: 19.618 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

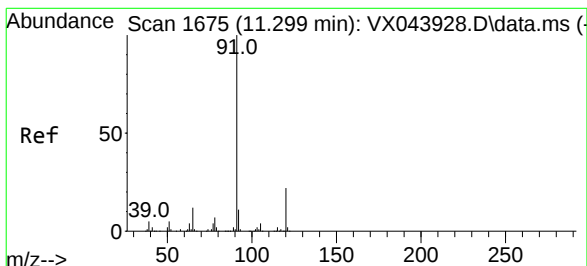
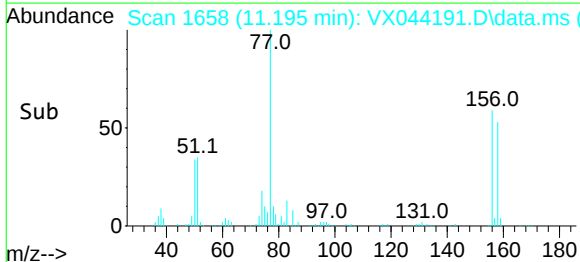
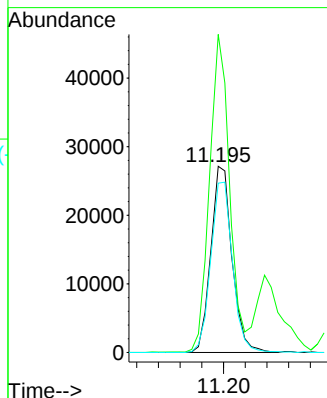
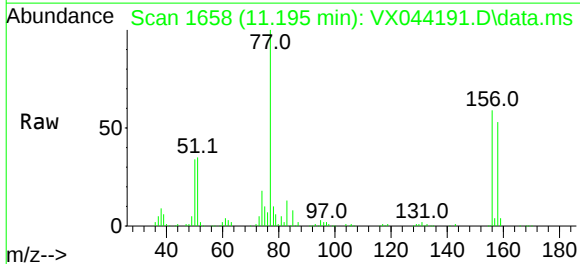
Tgt	Ion:156	Resp:	36885
Ion	Ratio	Lower	Upper
156	100		
77	160.8	83.4	250.1
158	93.9	47.6	142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#78

n-propylbenzene

Concen: 19.239 ug/l

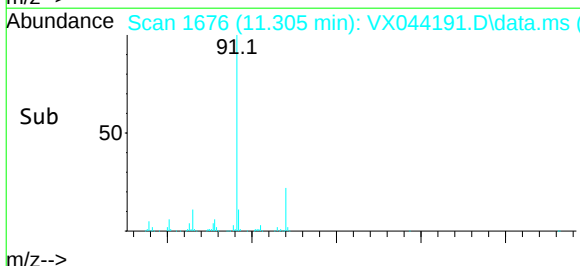
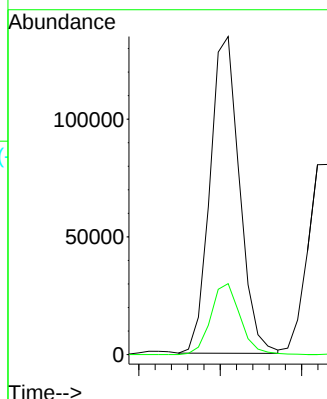
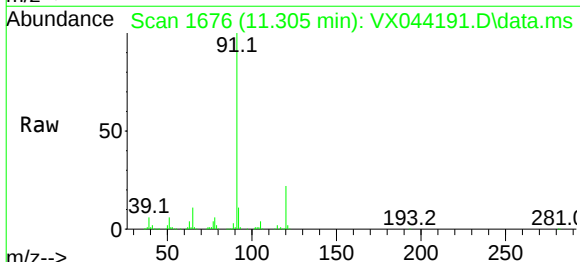
RT: 11.305 min Scan# 1676

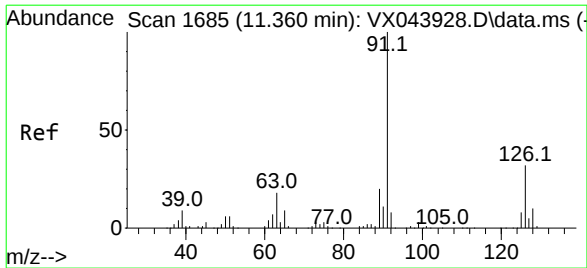
Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Tgt	Ion: 91	Resp:	169357
Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.5	34.4





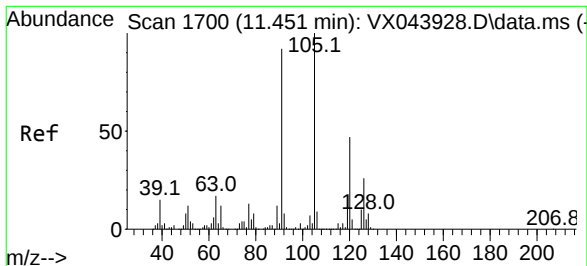
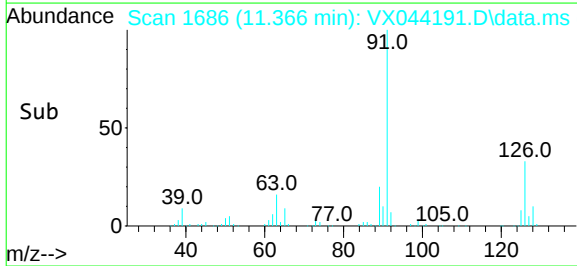
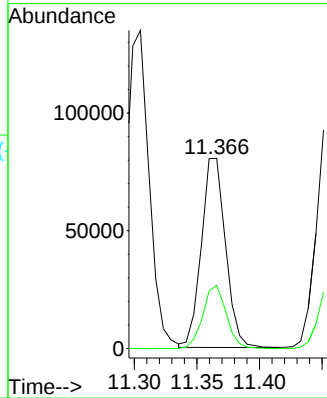
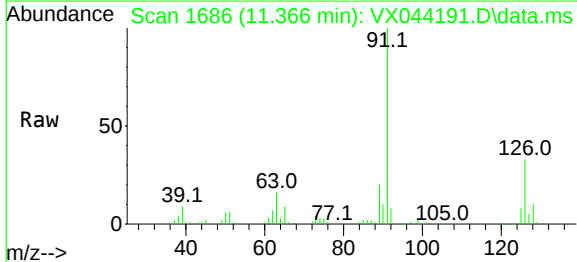
#79
2-Chlorotoluene
Concen: 19.428 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 91 Resp: 108146
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.8

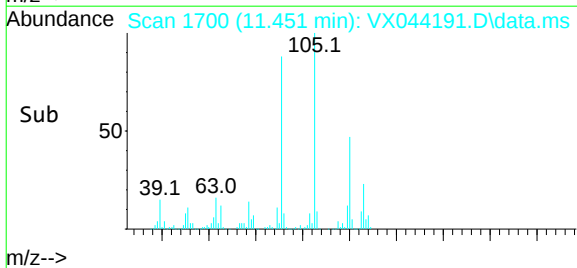
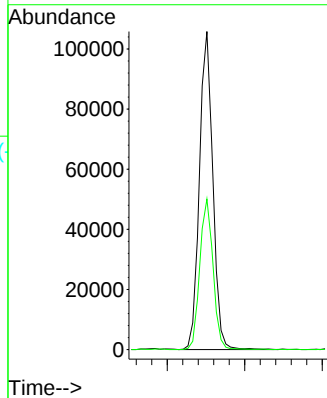
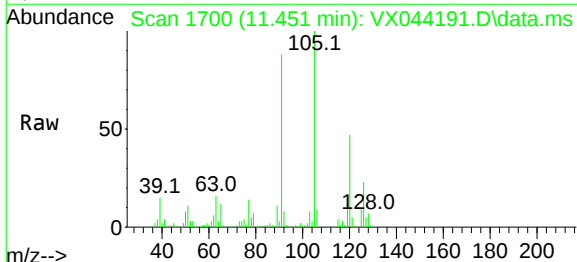
Manual Integrations
APPROVED

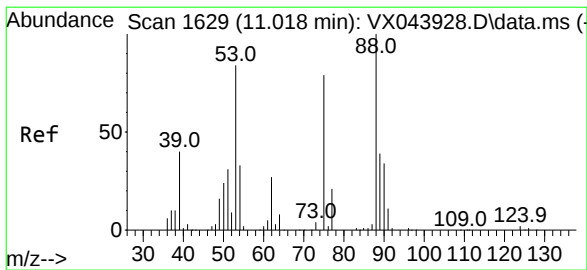
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.640 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

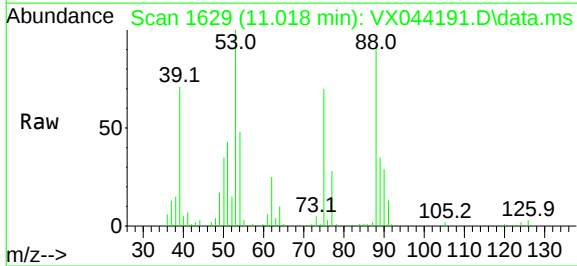
Tgt Ion:105 Resp: 127352
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 14.465 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

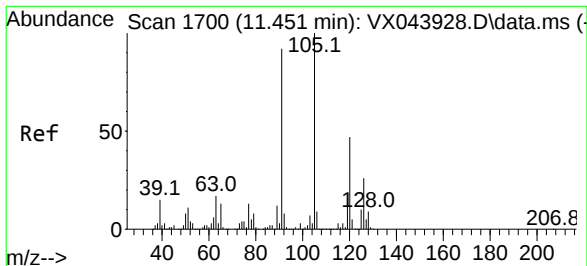
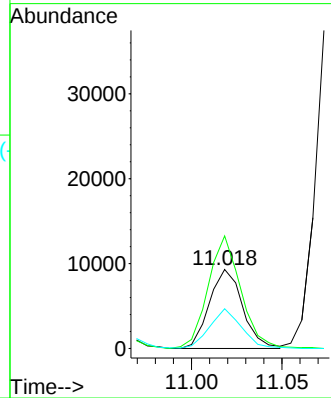
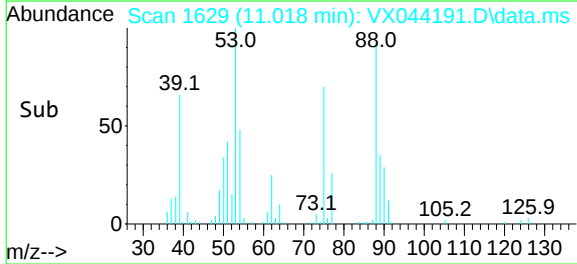
Instrument : MSVOA_X
ClientSampleId : VX1209WBSD01



Tgt Ion: 75 Resp: 11920
Ion Ratio Lower Upper
75 100
53 140.1 86.7 130.1#
89 48.2 38.2 57.2

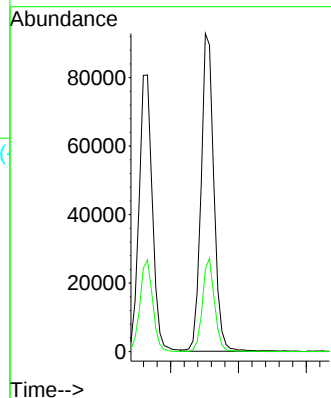
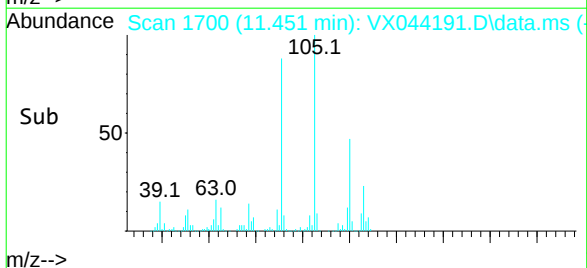
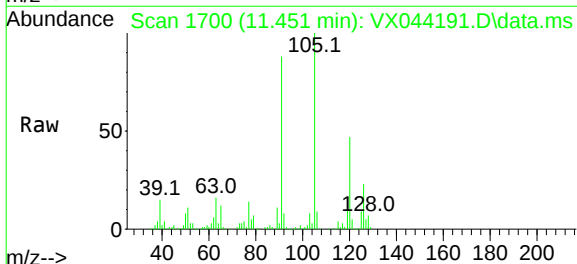
Manual Integrations
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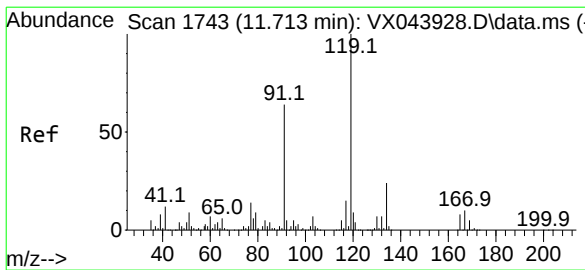
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#82
4-Chlorotoluene
Concen: 19.335 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion: 91 Resp: 121508
Ion Ratio Lower Upper
91 100
126 27.8 14.3 42.9





#83

tert-Butylbenzene

Concen: 19.231 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion:119 Resp: 123604

Ion Ratio Lower Upper

119 100

91 64.9 31.0 93.0

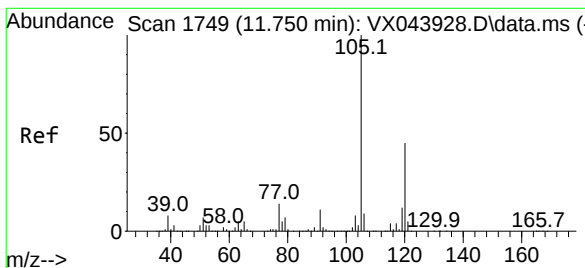
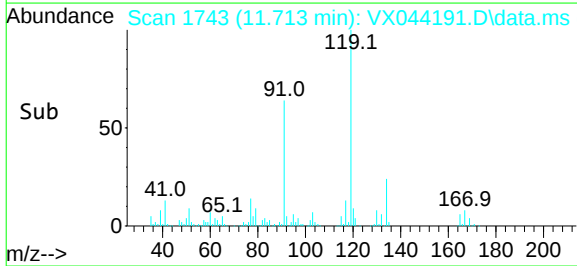
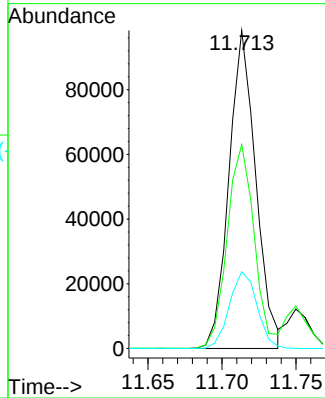
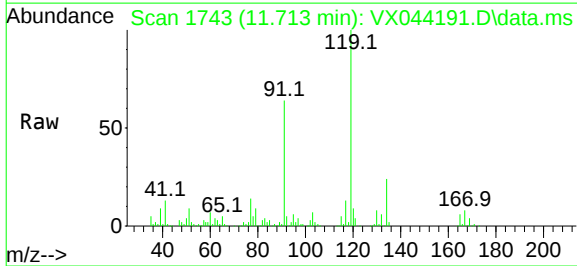
134 24.8 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.062 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044191.D

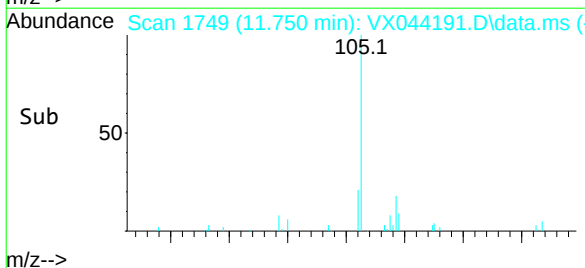
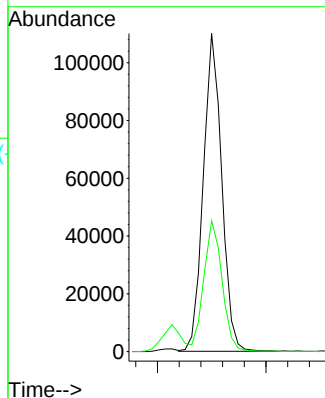
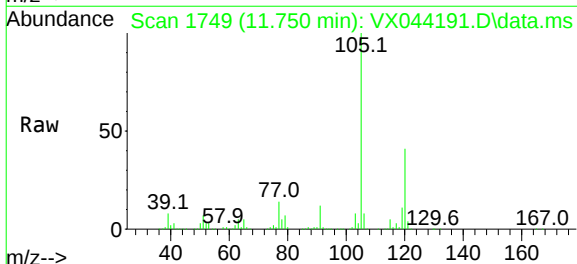
Acq: 09 Dec 2024 16:27

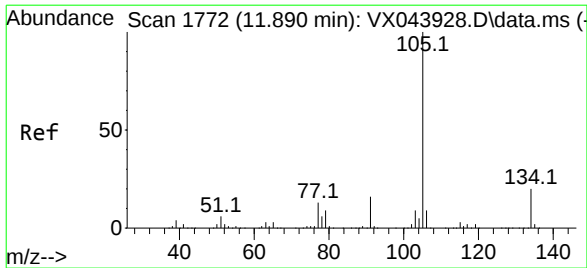
Tgt Ion:105 Resp: 129520

Ion Ratio Lower Upper

105 100

120 40.7 21.9 65.7





#85

sec-Butylbenzene

Concen: 19.385 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion:105 Resp: 152652

Ion Ratio Lower Upper

105 100

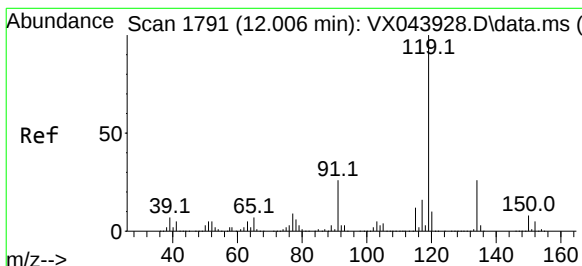
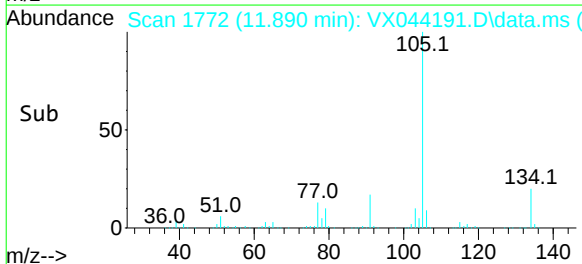
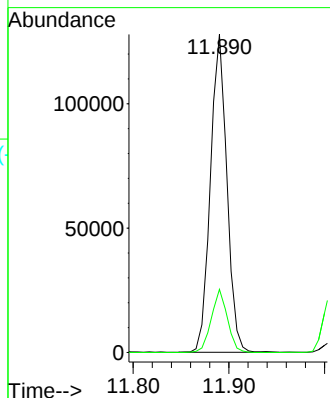
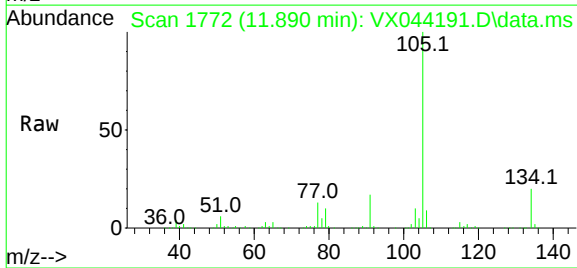
134 19.4 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#86

p-Isopropyltoluene

Concen: 19.450 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

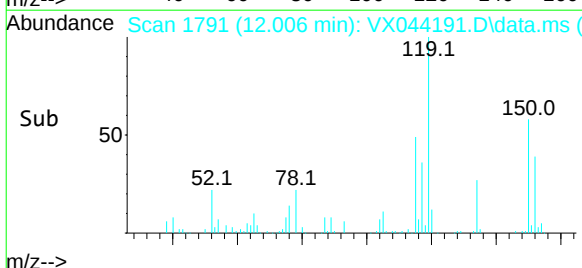
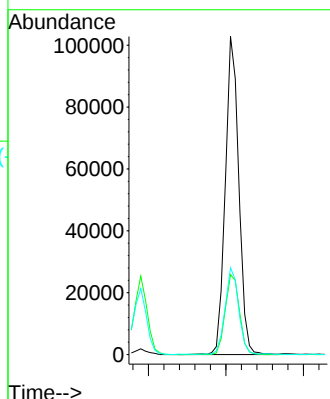
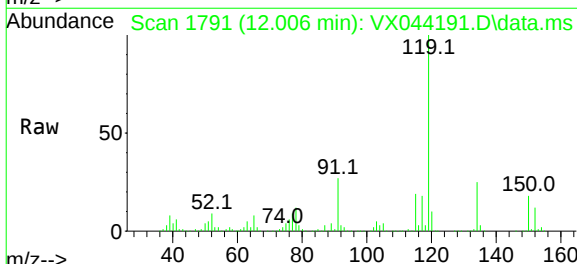
Tgt Ion:119 Resp: 124411

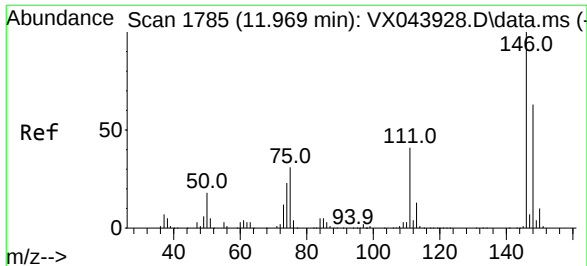
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 27.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 18.315 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

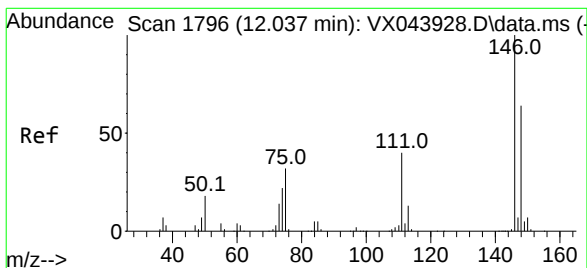
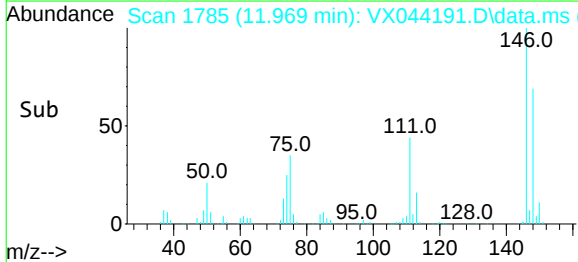
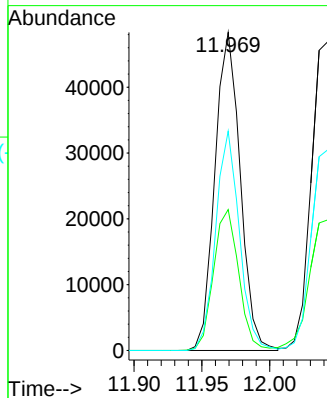
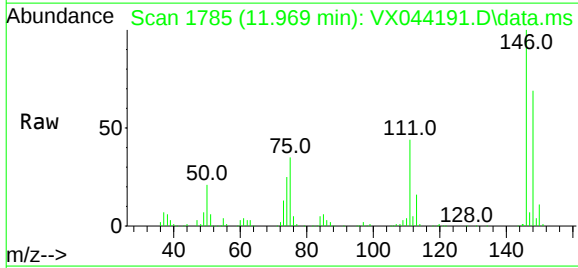
Tgt Ion:	146	Resp:	62718
Ion Ratio	Lower	Upper	
146	100		
111	44.1	21.1	63.3
148	64.8	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#88

1,4-Dichlorobenzene

Concen: 18.116 ug/l

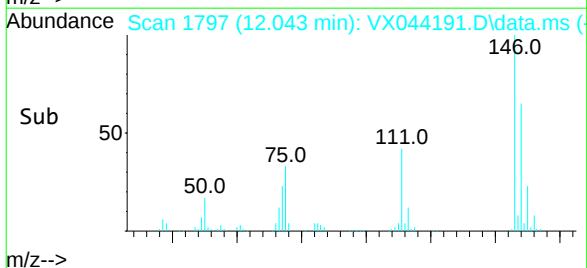
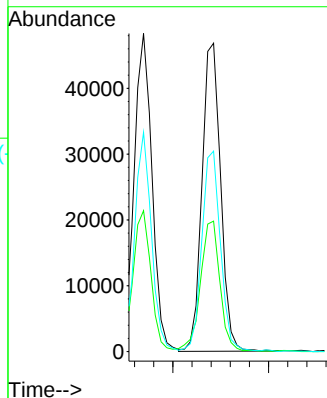
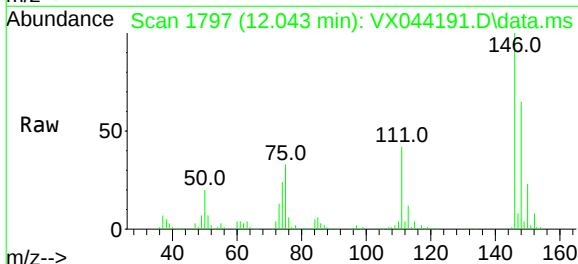
RT: 12.043 min Scan# 1797

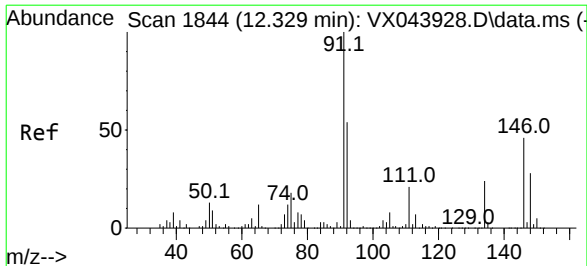
Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

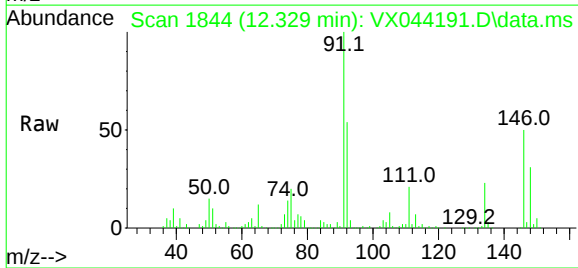
Tgt Ion:	146	Resp:	63250
Ion Ratio	Lower	Upper	
146	100		
111	44.3	20.1	60.3
148	64.6	30.9	92.8





#89
n-Butylbenzene
Concen: 18.417 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

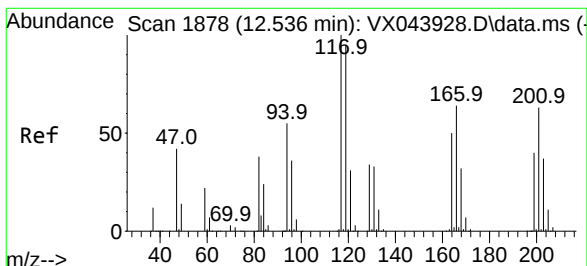
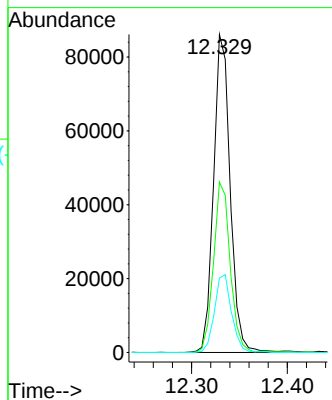
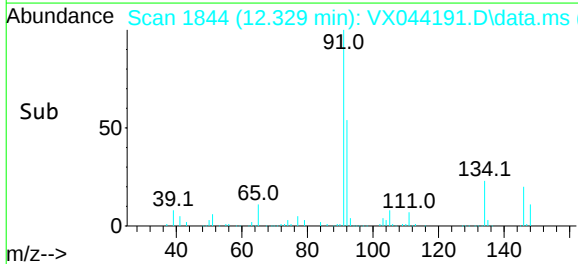
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 91 Resp: 103866
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 25.3 12.4 37.2

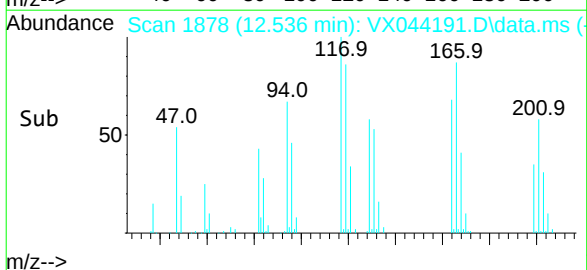
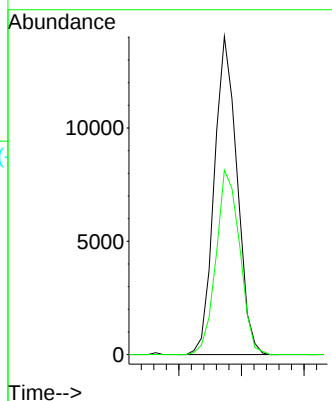
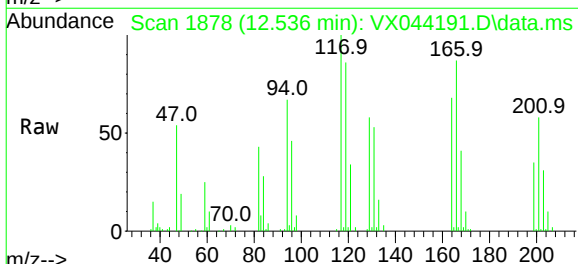
Manual Integrations
APPROVED

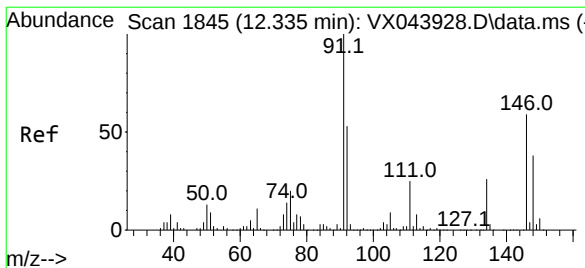
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#90
Hexachloroethane
Concen: 16.341 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044191.D
Acq: 09 Dec 2024 16:27

Tgt Ion:117 Resp: 17774
Ion Ratio Lower Upper
117 100
201 60.3 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 19.125 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

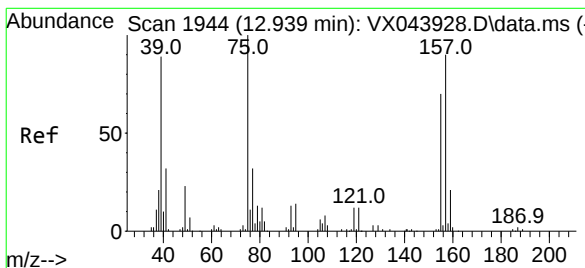
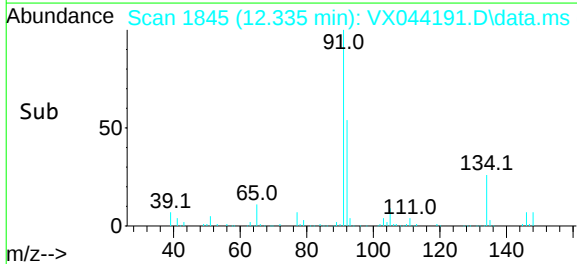
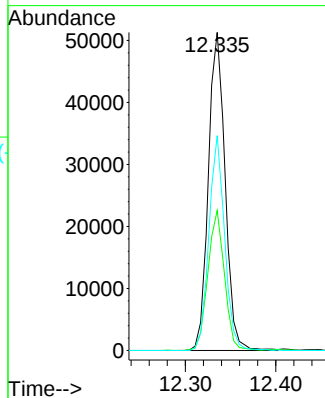
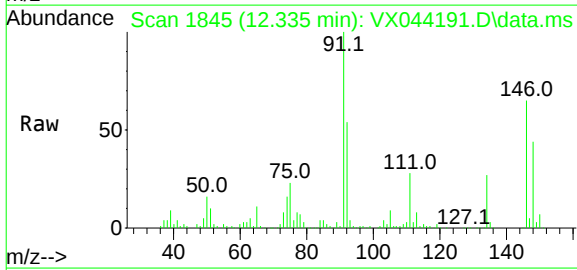
Tgt Ion:	146	Resp:	66093
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.5	64.5
148	63.5	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.727 ug/l

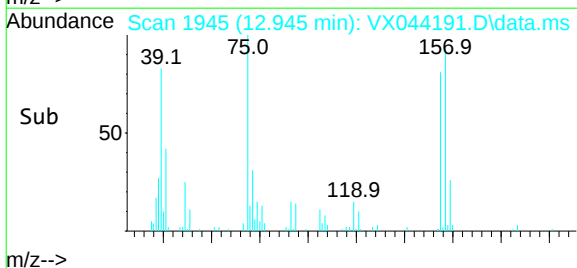
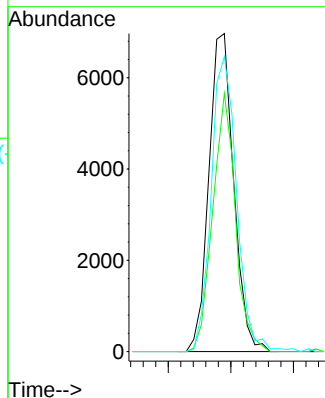
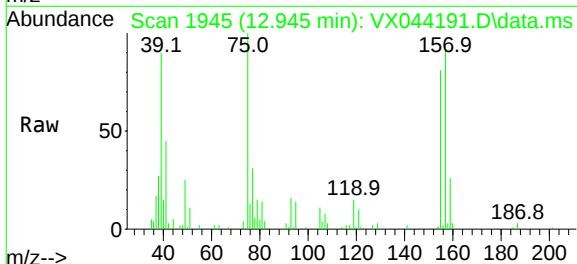
RT: 12.945 min Scan# 1945

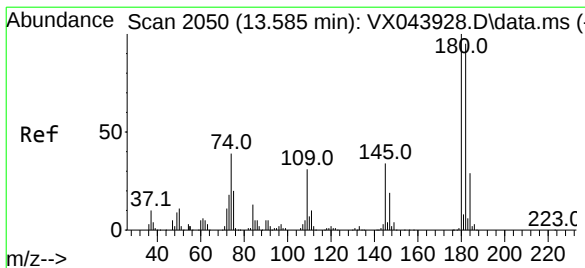
Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Tgt Ion:	75	Resp:	9586
Ion Ratio	Lower	Upper	
75	100		
155	74.3	40.1	120.2
157	95.5	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 17.341 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

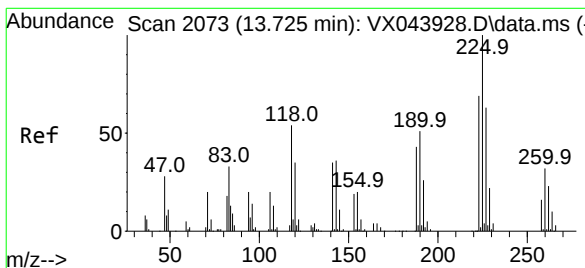
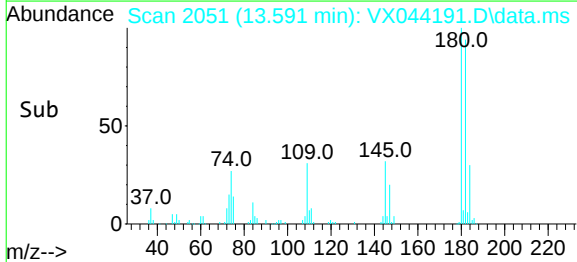
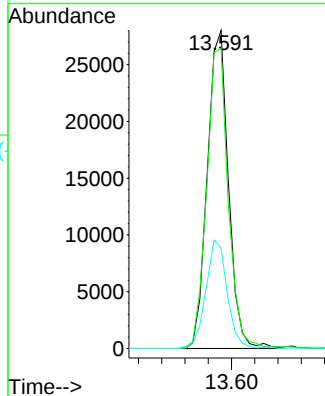
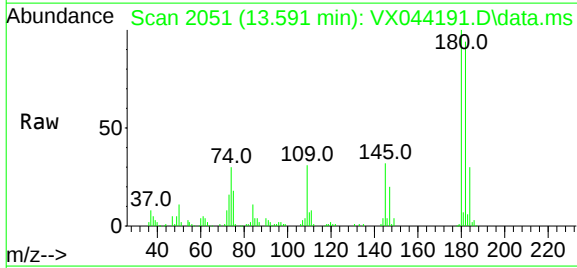
Tgt Ion:	180	Resp:	35332
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.0	144.2
145	34.5	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#94

Hexachlorobutadiene

Concen: 17.954 ug/l

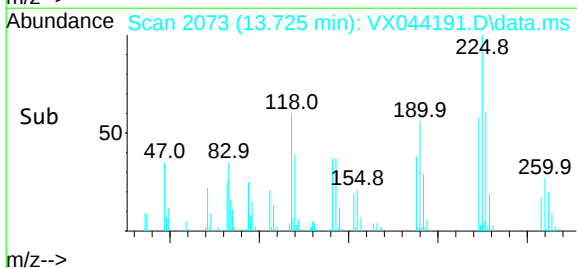
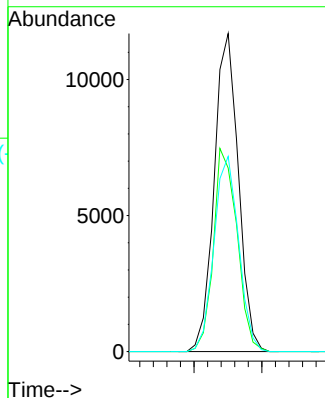
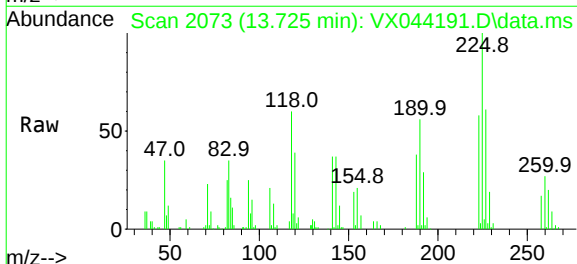
RT: 13.725 min Scan# 2073

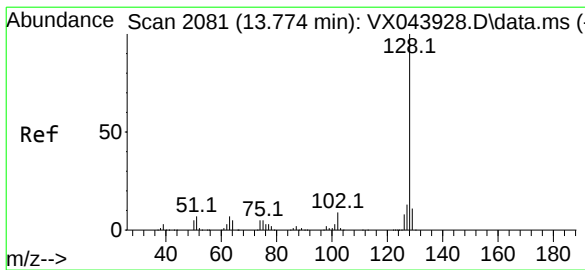
Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Tgt Ion:	225	Resp:	14457
Ion Ratio	Lower	Upper	
225	100		
223	62.3	32.9	98.6
227	62.8	31.6	94.8





#95

Naphthalene

Concen: 20.121 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

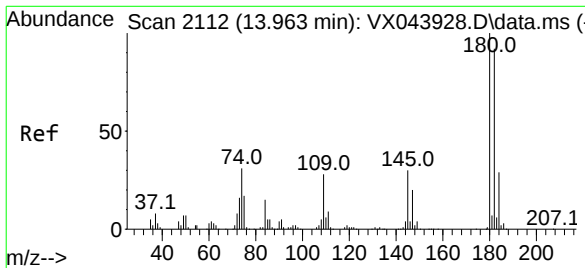
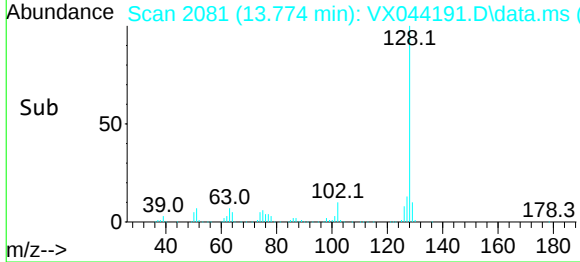
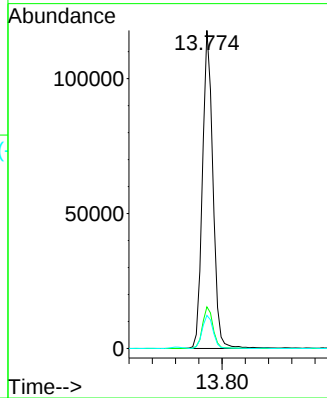
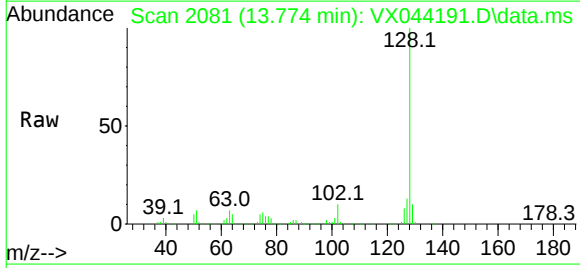
Tgt Ion:	128	Resp:	147572
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.384 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044191.D

Acq: 09 Dec 2024 16:27

Tgt Ion:	180	Resp:	37912
Ion	Ratio	Lower	Upper
180	100		
182	92.0	45.6	136.8
145	37.8	16.4	49.4

