

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044202.D
 Acq On : 10 Dec 2024 12:52
 Operator : JC/MD
 Sample : VX1210WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

Quant Time: Dec 11 01:30:05 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	5.544	168	115787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84444	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	101800	51.260	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.520%
35) Dibromofluoromethane	5.379	113	73858	51.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.240%
50) Toluene-d8	8.647	98	247708	49.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	11.079	95	91245	53.838	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.680%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	24877	16.960	ug/l	98
3) Chloromethane	1.294	50	26470	17.149	ug/l	98
4) Vinyl Chloride	1.374	62	30453	18.549	ug/l	98
5) Bromomethane	1.593	94	22136	21.917	ug/l	97
6) Chloroethane	1.660	64	22524	22.515	ug/l	98
7) Trichlorofluoromethane	1.868	101	67535	23.008	ug/l	98
8) Diethyl Ether	2.130	74	23834	22.278	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	28627	20.446	ug/l	99
10) Methyl Iodide	2.441	142	33391	19.095	ug/l	96
11) Tert butyl alcohol	2.995	59	25134	78.849	ug/l	96
12) 1,1-Dichloroethene	2.300	96	25440	19.068	ug/l	98
13) Acrolein	2.233	56	27685	82.399	ug/l	96
14) Allyl chloride	2.654	41	43455	19.933	ug/l	96
15) Acrylonitrile	3.069	53	88016	113.306	ug/l	98
16) Acetone	2.386	43	97721	107.135	ug/l	98
17) Carbon Disulfide	2.495	76	38043	13.823	ug/l	98
18) Methyl Acetate	2.703	43	48723	22.938	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	106166	21.915	ug/l	98
20) Methylene Chloride	2.782	84	30087	19.438	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	27805	20.185	ug/l	89
22) Diisopropyl ether	3.764	45	100921	21.649	ug/l	95
23) Vinyl Acetate	3.721	43	426634	106.985	ug/l	98
24) 1,1-Dichloroethane	3.599	63	55190	20.522	ug/l	97
25) 2-Butanone	4.568	43	137811	117.094	ug/l	99
26) 2,2-Dichloropropane	4.465	77	48918	20.141	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	34471	20.245	ug/l	96
28) Bromochloromethane	4.891	49	20865	17.626	ug/l	100
29) Tetrahydrofuran	5.013	42	82011	113.662	ug/l	99
30) Chloroform	5.086	83	62263	21.526	ug/l	95
31) Cyclohexane	5.464	56	43300	19.563	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	53900	21.609	ug/l	100
36) 1,1-Dichloropropene	5.690	75	37382	20.765	ug/l	98
37) Ethyl Acetate	4.721	43	52386	23.442	ug/l	98
38) Carbon Tetrachloride	5.672	117	41265	20.400	ug/l	100
39) Methylcyclohexane	7.373	83	46955	20.077	ug/l	98
40) Benzene	6.031	78	117731	20.995	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26414	23.094	ug/l	# 95
42) 1,2-Dichloroethane	6.086	62	52091	23.129	ug/l	99
43) Isopropyl Acetate	6.342	43	80971	22.768	ug/l	100
44) Trichloroethene	7.117	130	29767	18.751	ug/l	88
45) 1,2-Dichloropropane	7.428	63	30031	21.865	ug/l	97
46) Dibromomethane	7.580	93	23788	21.895	ug/l	98
47) Bromodichloromethane	7.818	83	42150	21.632	ug/l	98
48) Methyl methacrylate	7.690	41	37855	22.183	ug/l	99
49) 1,4-Dioxane	7.665	88	11055	363.676	ug/l	# 88
51) 4-Methyl-2-Pentanone	8.574	43	269077	123.982	ug/l	97
52) Toluene	8.714	92	74598	22.226	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	43040	21.660	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	45606	20.937	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	32040	23.125	ug/l	93
56) Ethyl methacrylate	9.116	69	49885	23.116	ug/l	98
57) 1,3-Dichloropropane	9.305	76	54457	23.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	112902	94.784	ug/l	97
59) 2-Hexanone	9.433	43	204016	125.067	ug/l	98
60) Dibromochloromethane	9.519	129	28758	20.688	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31965	22.817	ug/l	99
64) Tetrachloroethene	9.269	164	24930	20.836	ug/l	98
65) Chlorobenzene	10.079	112	82577	20.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	27081	20.952	ug/l	98
67) Ethyl Benzene	10.195	91	144945	21.463	ug/l	98
68) m/p-Xylenes	10.299	106	107890	42.841	ug/l	99
69) o-Xylene	10.640	106	53442	21.734	ug/l	94
70) Styrene	10.653	104	87244	21.452	ug/l	97
71) Bromoform	10.799	173	17198	18.902	ug/l	# 100
73) Isopropylbenzene	10.963	105	141526	21.803	ug/l	99
74) N-amyl acetate	10.842	43	65715	21.854	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	49580	22.307	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39777m	21.480	ug/l	
77) Bromobenzene	11.195	156	32789	21.175	ug/l	97
78) n-propylbenzene	11.305	91	159964	22.065	ug/l	97
79) 2-Chlorotoluene	11.366	91	100942	22.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	120324	22.531	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12229	18.020	ug/l	92
82) 4-Chlorotoluene	11.451	91	111642	21.571	ug/l	98
83) tert-Butylbenzene	11.713	119	115497	21.820	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	119462	22.469	ug/l	99
85) sec-Butylbenzene	11.890	105	146100	22.528	ug/l	100
86) p-Isopropyltoluene	12.006	119	118456	22.486	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	59948	21.256	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	60568	21.065	ug/l	98
89) n-Butylbenzene	12.329	91	101541	21.862	ug/l	99
90) Hexachloroethane	12.536	117	16767	18.718	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	61069	21.457	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9122	20.483	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	34053	20.294	ug/l	97
94) Hexachlorobutadiene	13.725	225	13933	21.010	ug/l	97
95) Naphthalene	13.774	128	136796	22.648	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35694	21.017	ug/l	95

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

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

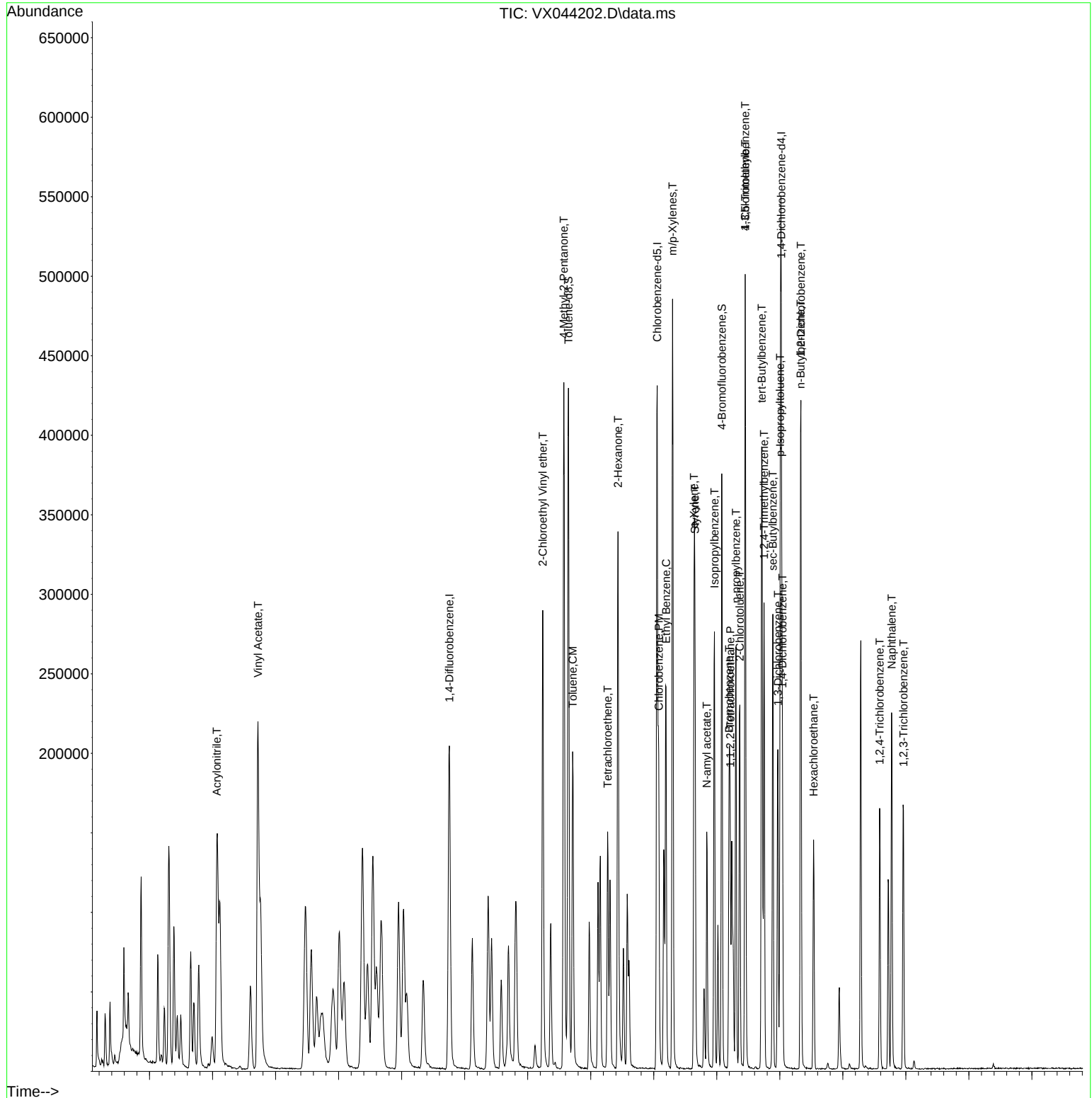
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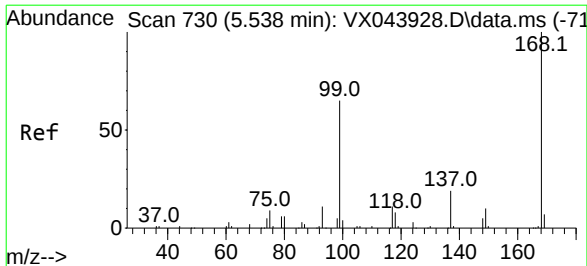
Instrument :
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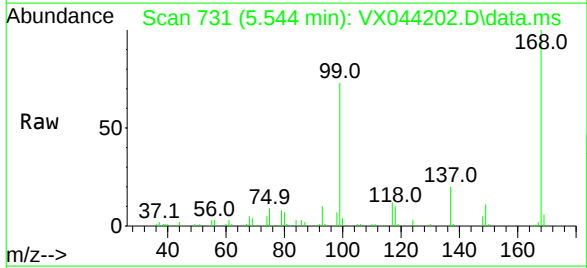
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 730
Delta R.T. 0.006 min
Lab File: VX044202.D
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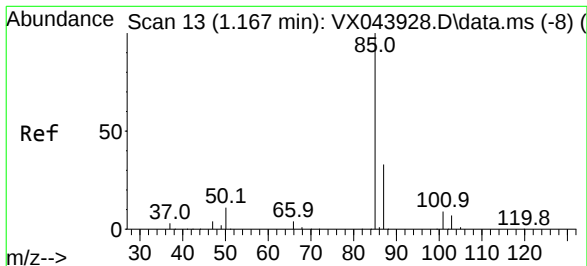
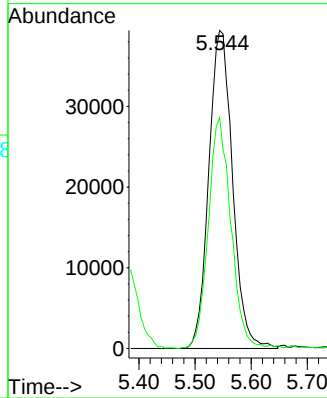
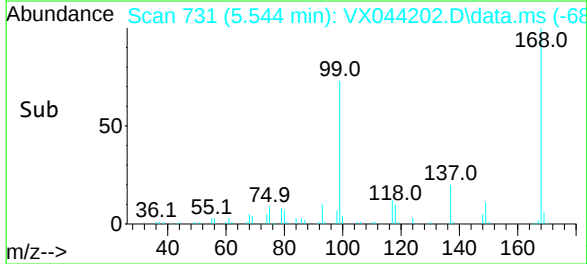
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01



Tgt Ion:168 Resp: 115787
Ion Ratio Lower Upper
168 100
99 72.7 51.8 77.8

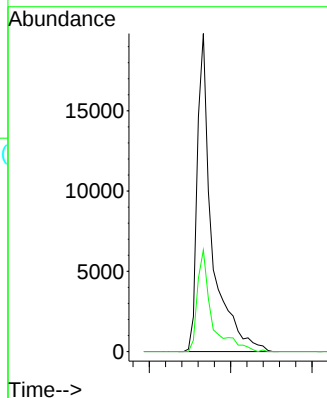
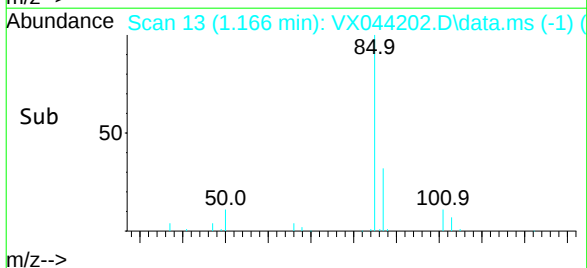
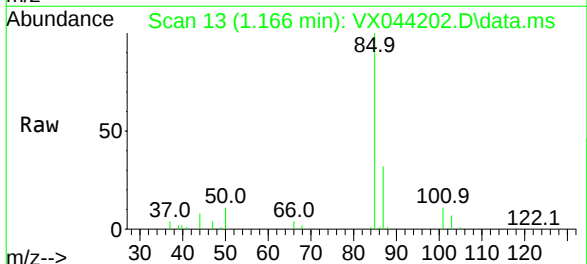
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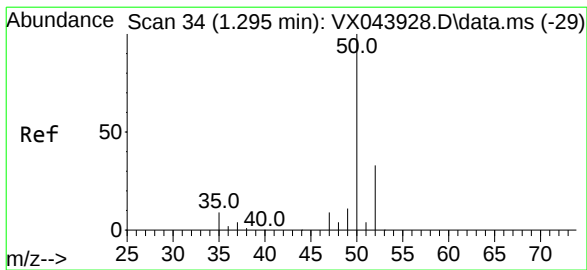
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#2
Dichlorodifluoromethane
Concen: 16.960 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 85 Resp: 24877
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.8





#3

Chloromethane

Concen: 17.149 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tgt Ion: 50 Resp: 26470

Ion Ratio Lower Upper

50 100

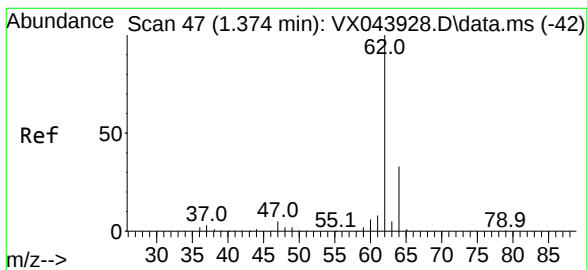
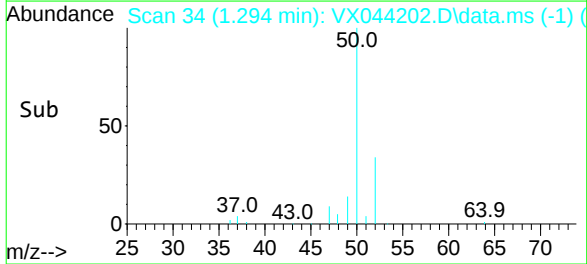
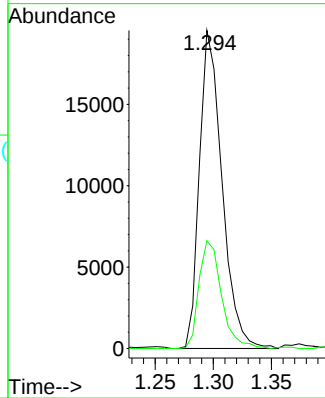
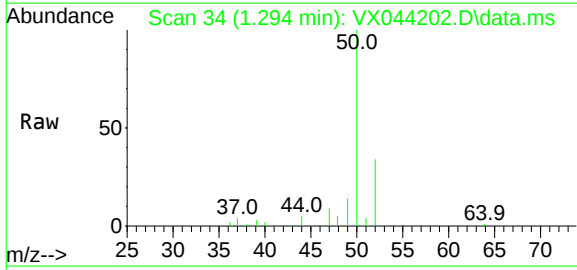
52 33.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 18.549 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044202.D

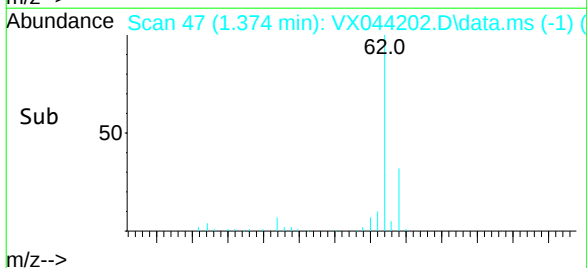
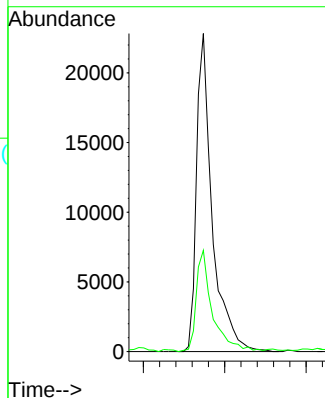
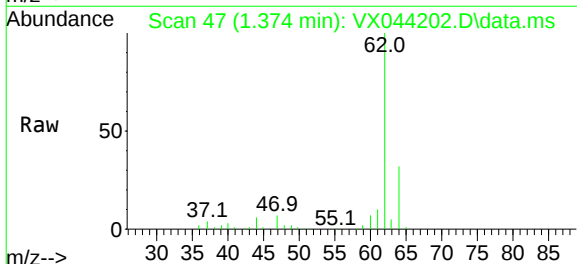
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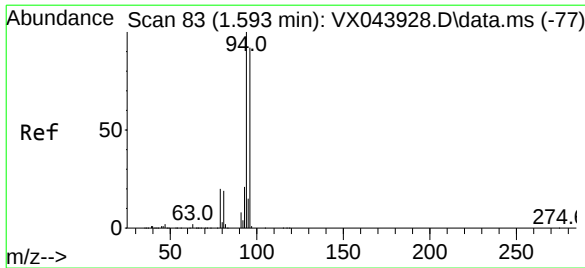
Tgt Ion: 62 Resp: 30453

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.4





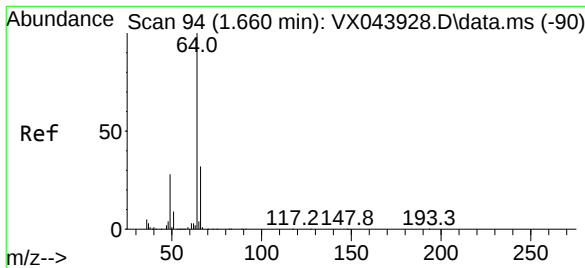
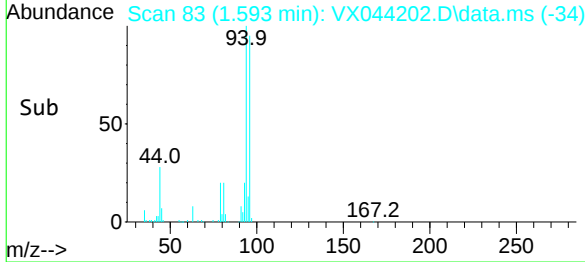
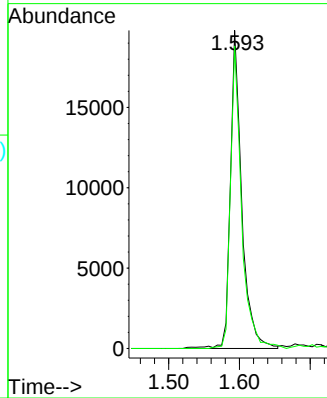
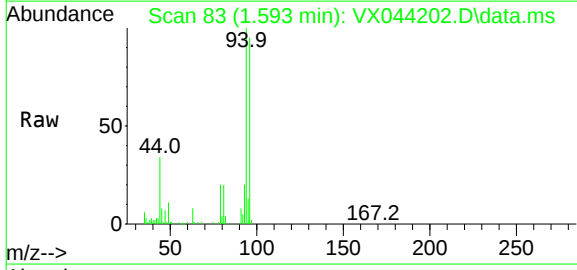
#5
Bromomethane
Concen: 21.917 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
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Tgt Ion: 94 Resp: 22136
Ion Ratio Lower Upper
94 100
96 95.1 73.9 110.9

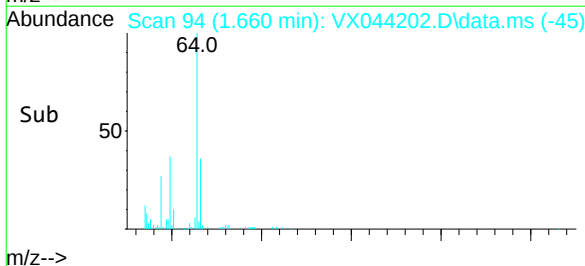
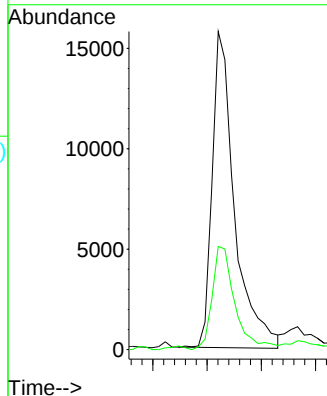
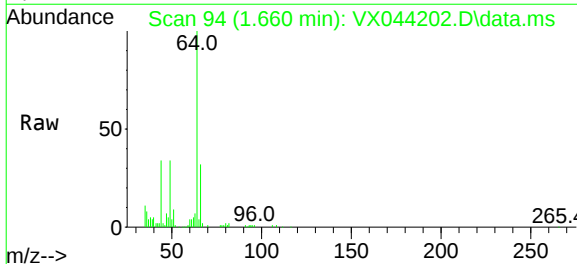
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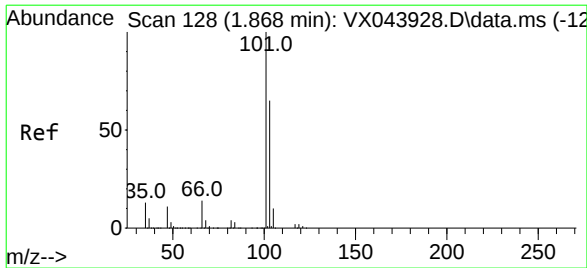
Reviewed By :John Carlone 12/11/2024
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#6
Chloroethane
Concen: 22.515 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 64 Resp: 22524
Ion Ratio Lower Upper
64 100
66 31.5 25.9 38.9





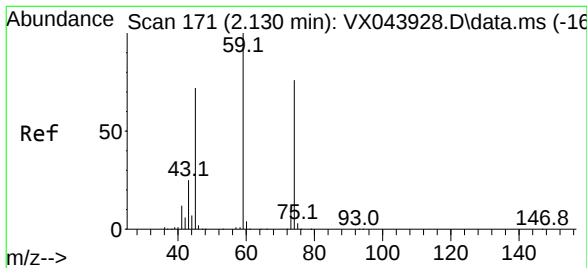
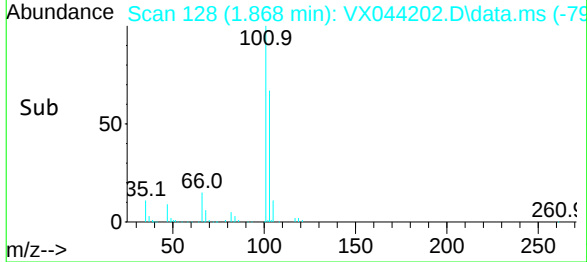
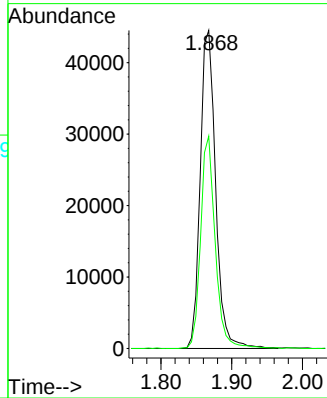
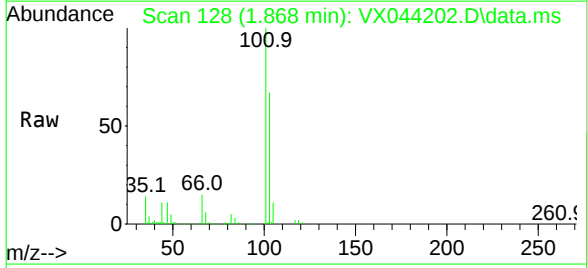
#7
Trichlorofluoromethane
Concen: 23.008 ug/l
RT: 1.868 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 67535
Ion Ratio Lower Upper
101 100
103 66.8 52.2 78.2

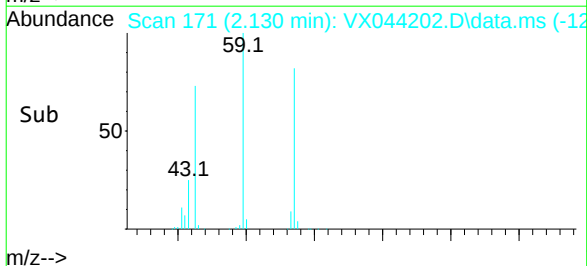
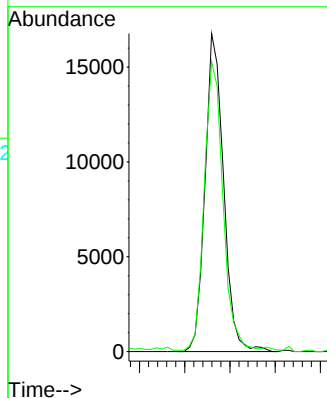
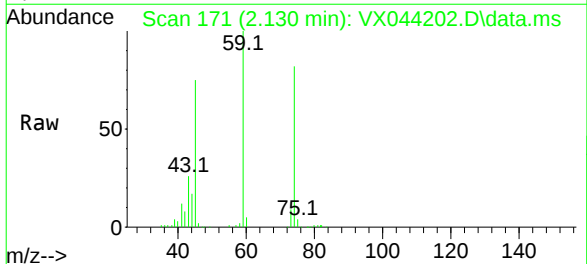
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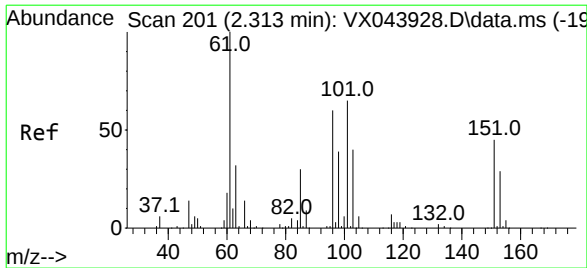
Reviewed By :John Carlone 12/11/2024
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#8
Diethyl Ether
Concen: 22.278 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

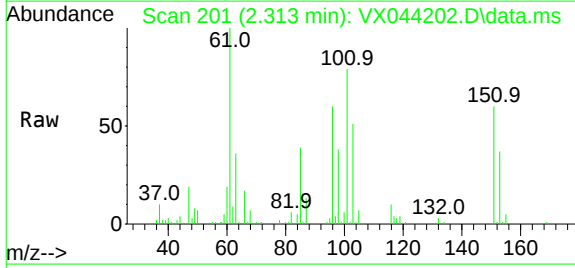
Tgt Ion: 74 Resp: 23834
Ion Ratio Lower Upper
74 100
45 91.4 47.9 143.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.446 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

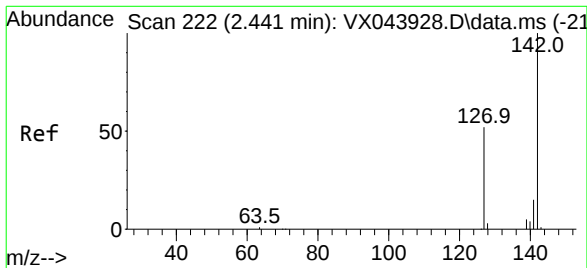
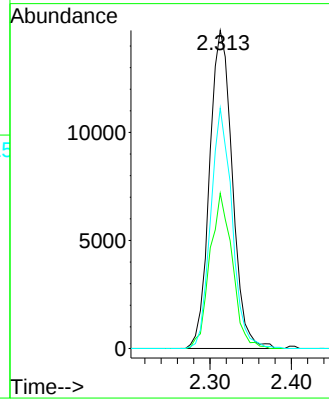
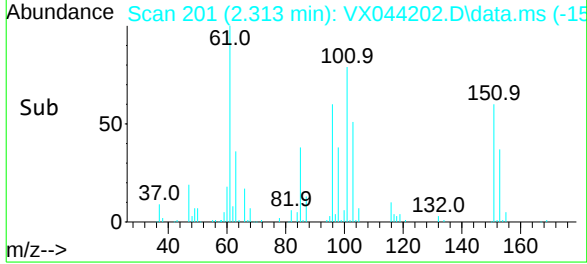
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01



Tgt Ion:101 Resp: 28627
Ion Ratio Lower Upper
101 100
85 48.1 37.9 56.9
151 71.1 57.5 86.3

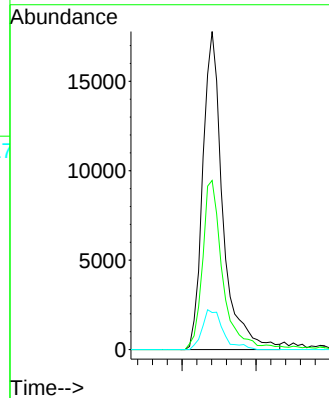
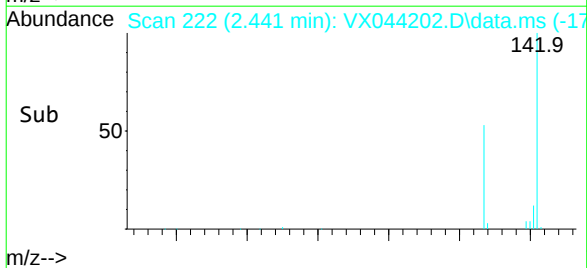
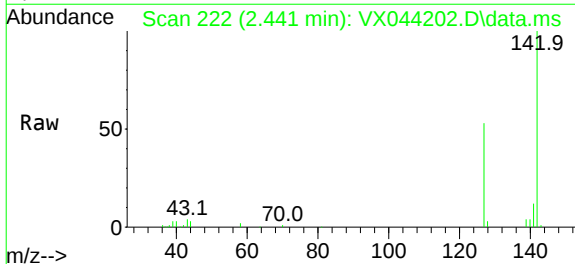
Manual Integrations
APPROVED

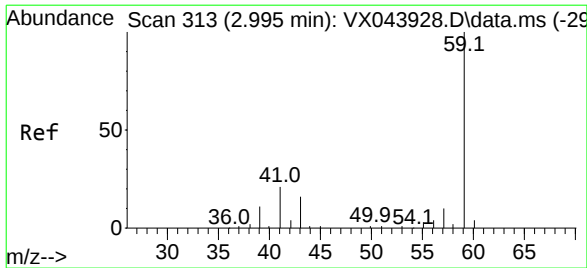
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#10
Methyl Iodide
Concen: 19.095 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion:142 Resp: 33391
Ion Ratio Lower Upper
142 100
127 53.9 40.7 61.1
141 13.0 12.0 18.0





#11

Tert butyl alcohol

Concen: 78.849 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tgt Ion: 59 Resp: 25134

Ion Ratio Lower Upper

59 100

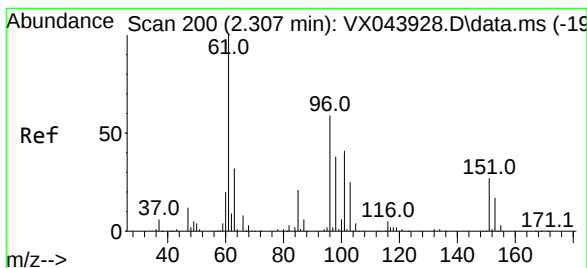
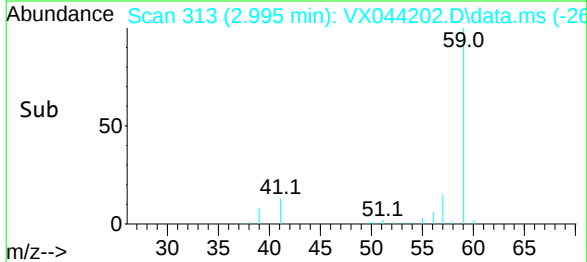
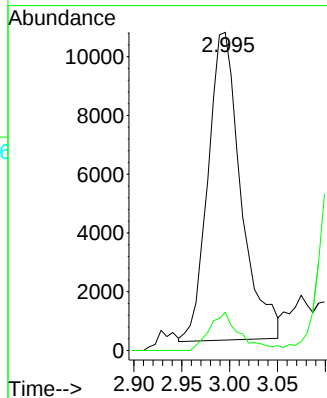
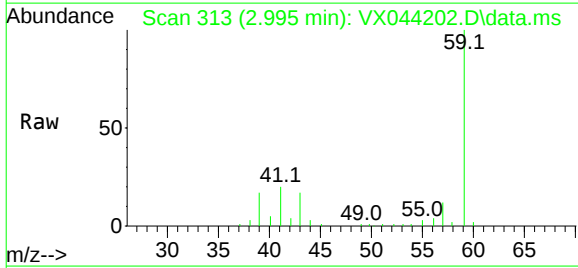
57 11.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#12

1,1-Dichloroethene

Concen: 19.068 ug/l

RT: 2.300 min Scan# 199

Delta R.T. -0.006 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

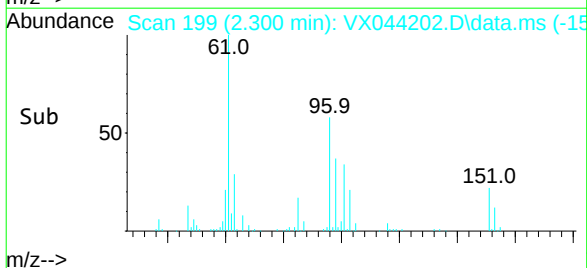
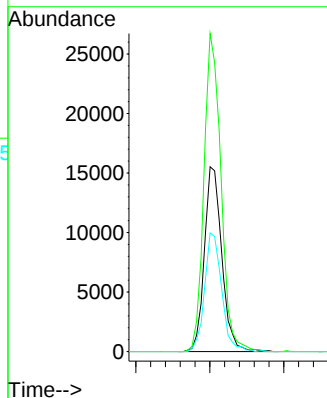
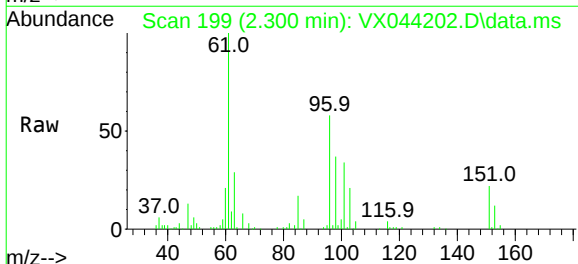
Tgt Ion: 96 Resp: 25440

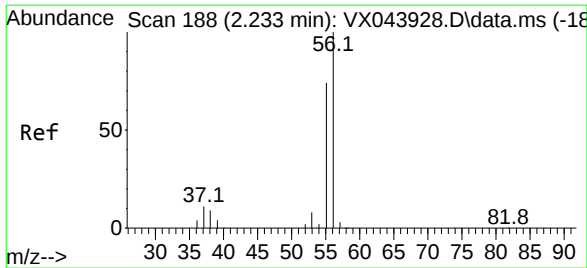
Ion Ratio Lower Upper

96 100

61 172.1 135.5 203.3

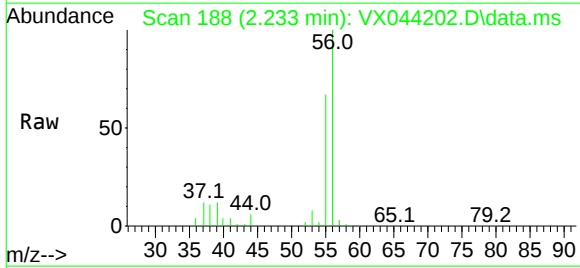
98 64.2 50.8 76.2





#13
Acrolein
Concen: 82.399 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

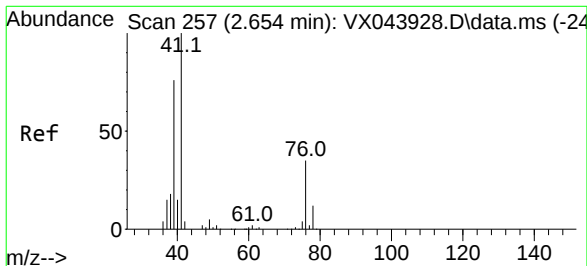
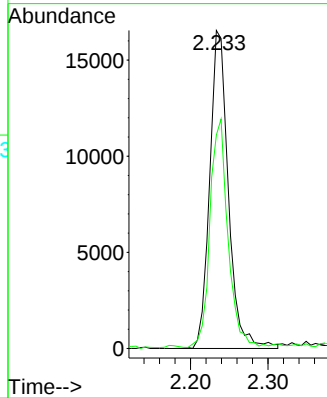
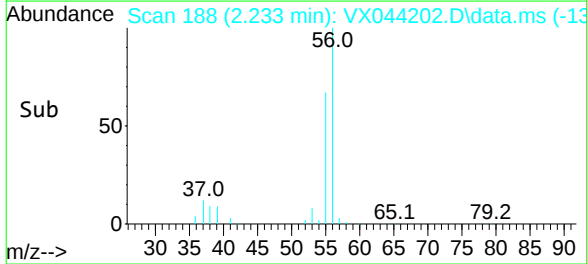
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01



Tgt Ion: 56 Resp: 27685
Ion Ratio Lower Upper
56 100
55 69.0 58.2 87.2

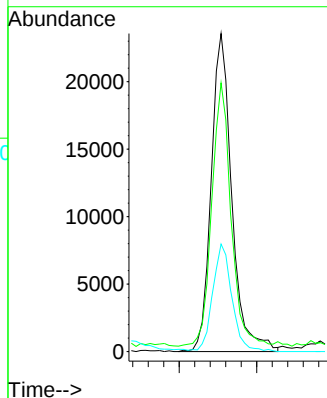
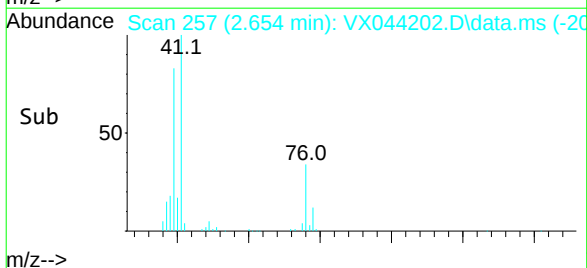
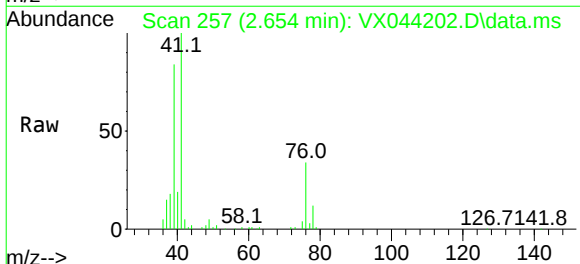
Manual Integrations
APPROVED

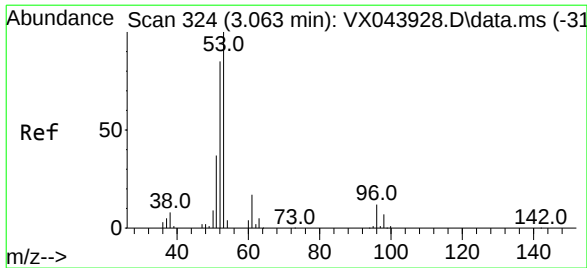
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#14
Allyl chloride
Concen: 19.933 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 41 Resp: 43455
Ion Ratio Lower Upper
41 100
39 77.5 59.5 89.3
76 31.6 27.4 41.2





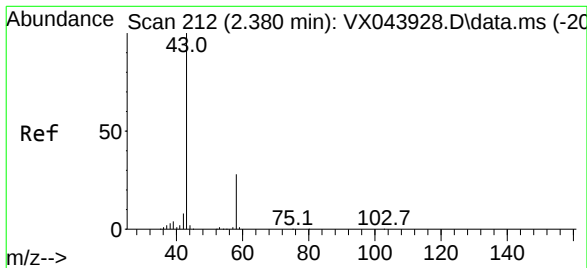
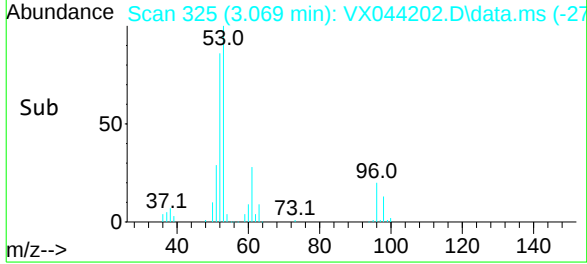
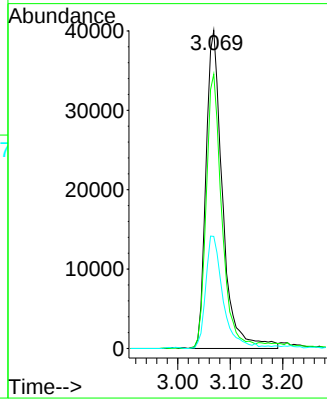
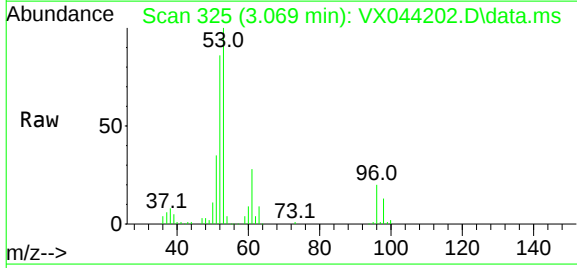
#15
Acrylonitrile
Concen: 113.306 ug/l
RT: 3.069 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.1	66.5	99.7
51	36.9	30.2	45.4

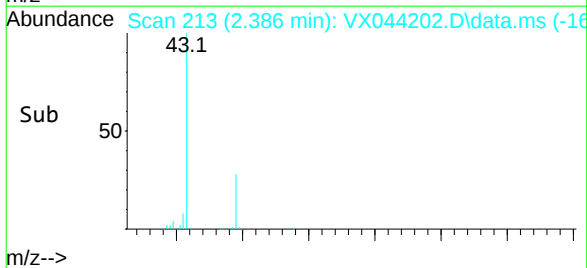
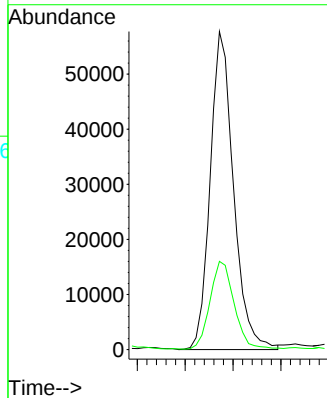
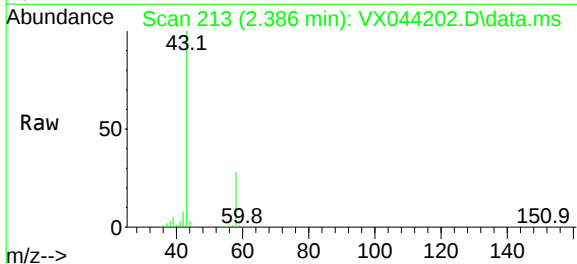
Manual Integrations
APPROVED

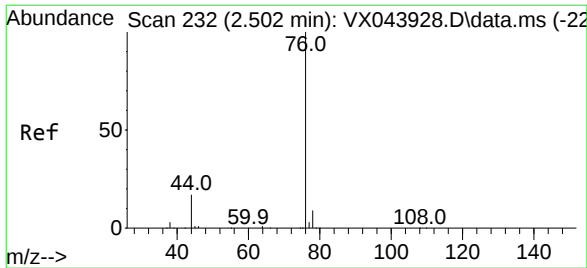
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#16
Acetone
Concen: 107.135 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.7	34.1





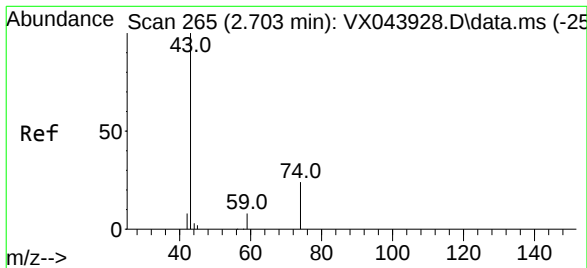
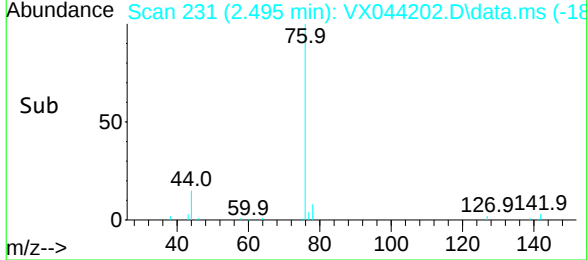
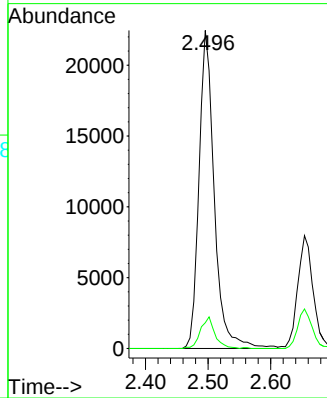
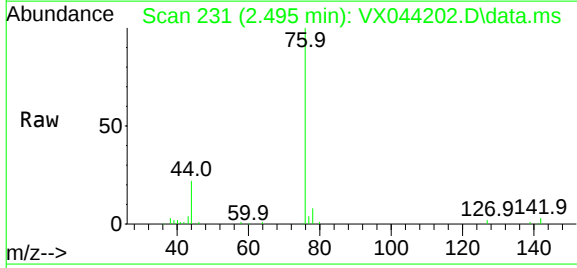
#17
Carbon Disulfide
Concen: 13.823 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 76 Resp: 38043
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6

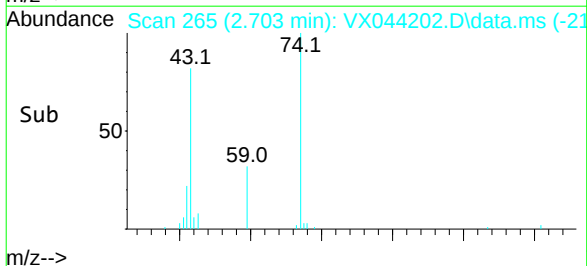
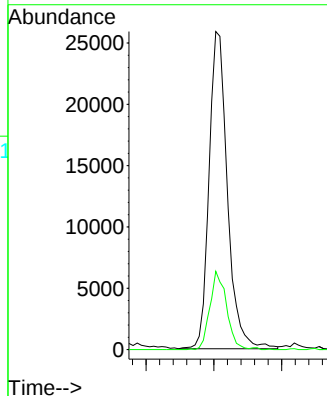
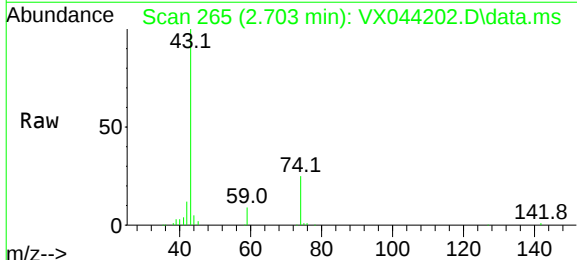
Manual Integrations
APPROVED

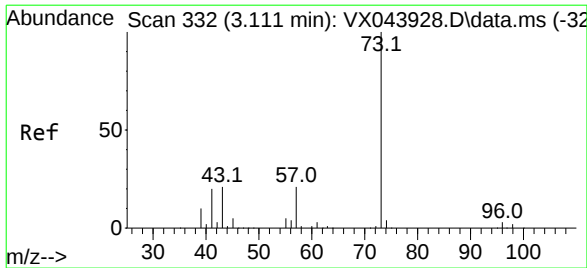
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#18
Methyl Acetate
Concen: 22.938 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

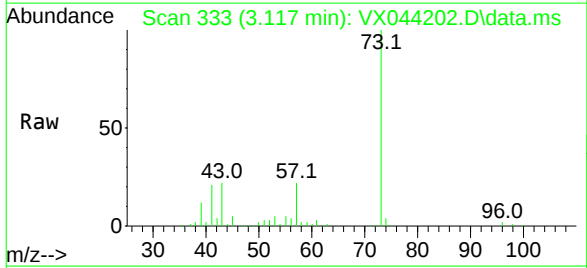
Tgt Ion: 43 Resp: 48723
Ion Ratio Lower Upper
43 100
74 22.3 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 21.915 ug/l
RT: 3.117 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

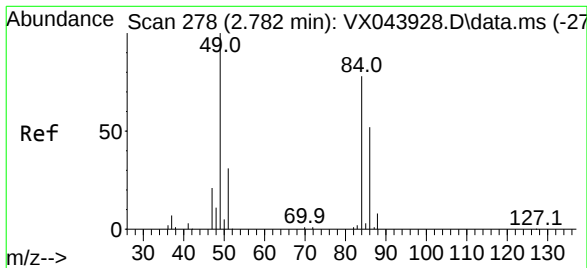
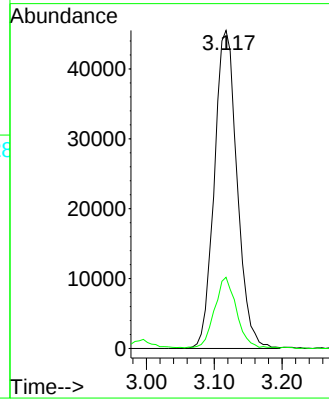
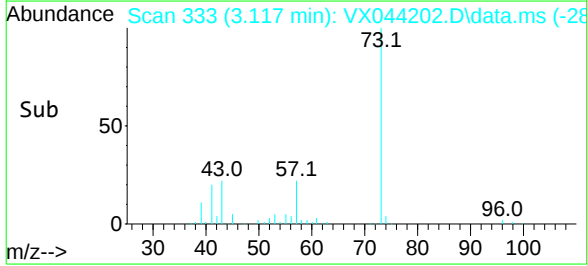
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01



Tgt Ion: 73 Resp: 106166
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.6

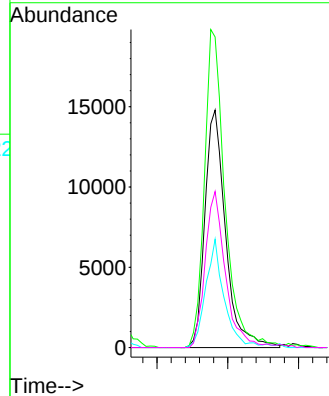
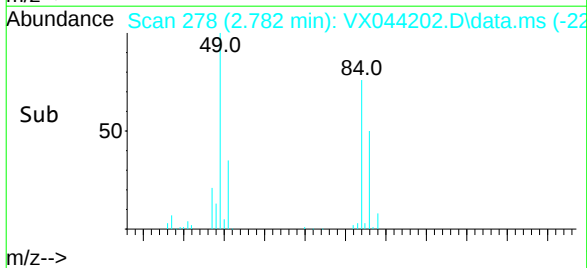
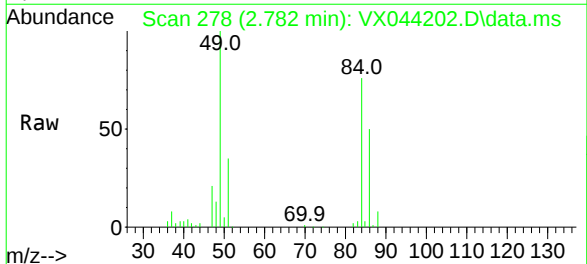
Manual Integrations
APPROVED

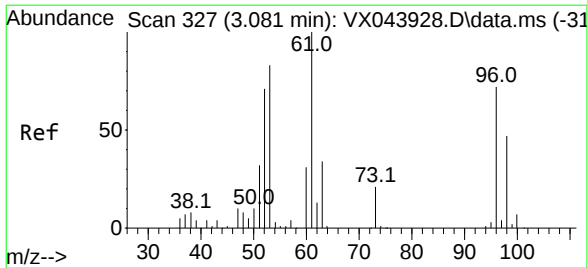
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#20
Methylene Chloride
Concen: 19.438 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

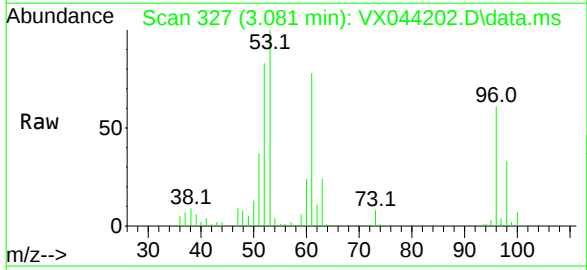
Tgt Ion: 84 Resp: 30087
Ion Ratio Lower Upper
84 100
49 130.8 102.7 154.1
51 45.6 31.7 47.5
86 65.7 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 20.185 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

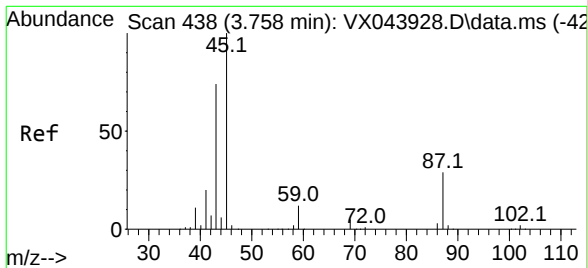
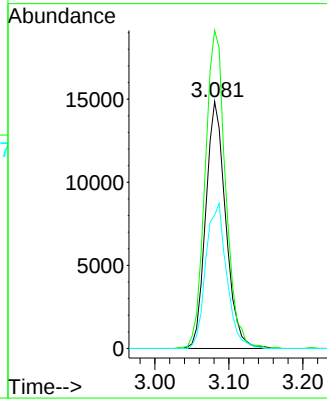
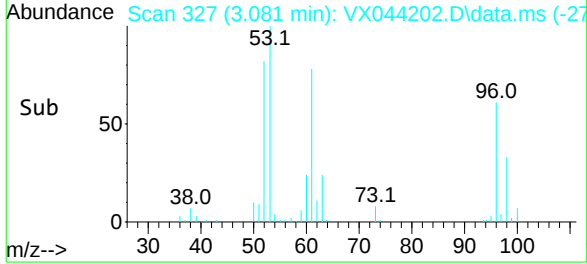
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01



Tgt Ion: 96 Resp: 27805
Ion Ratio Lower Upper
96 100
61 128.4 111.8 167.6
98 54.0 52.7 79.1

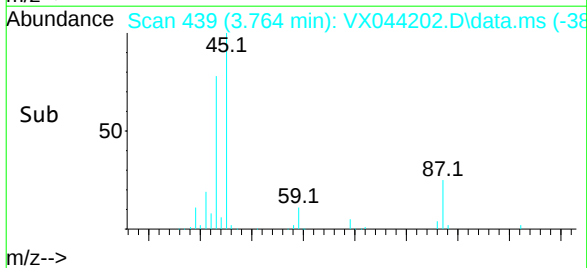
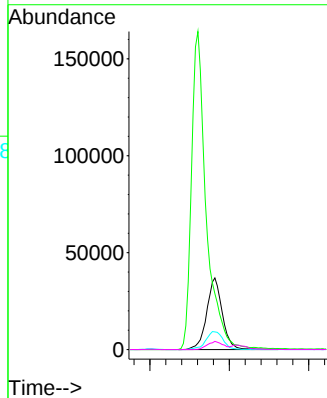
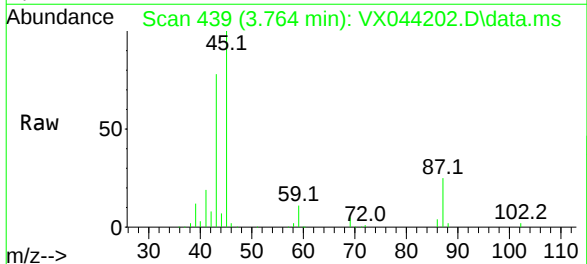
Manual Integrations
APPROVED

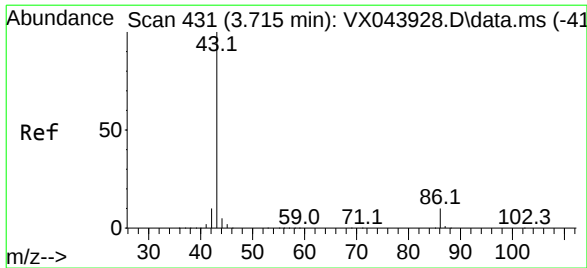
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#22
Diisopropyl ether
Concen: 21.649 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 45 Resp: 100921
Ion Ratio Lower Upper
45 100
43 77.7 59.6 89.4
87 24.6 22.9 34.3
59 11.5 9.8 14.6





#23

Vinyl Acetate

Concen: 106.985 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tgt Ion: 43 Resp: 426634

Ion Ratio Lower Upper

43 100

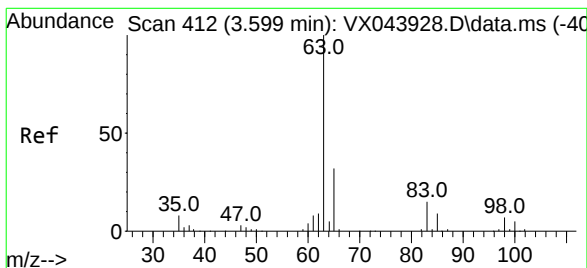
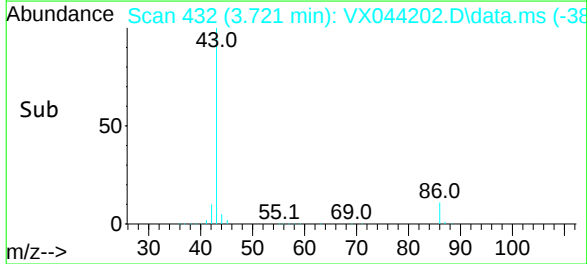
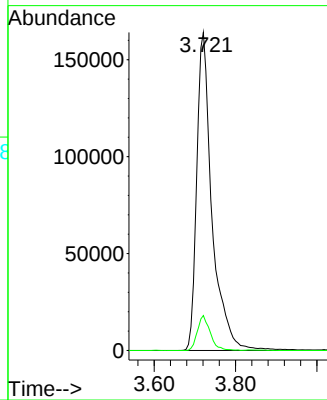
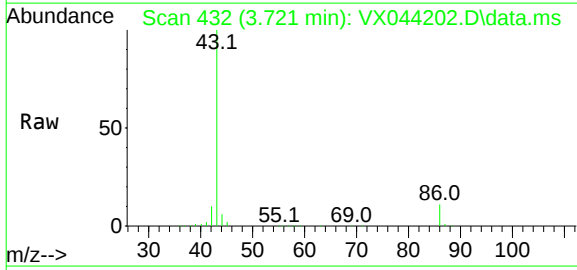
86 11.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#24

1,1-Dichloroethane

Concen: 20.522 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

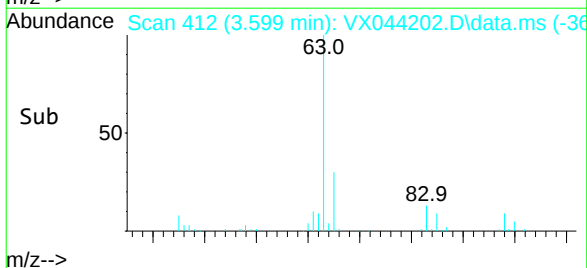
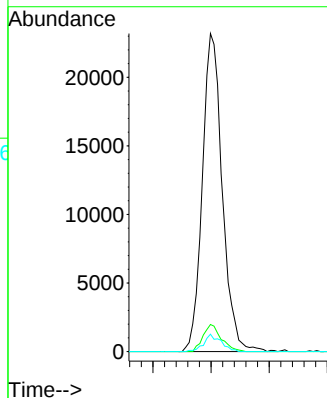
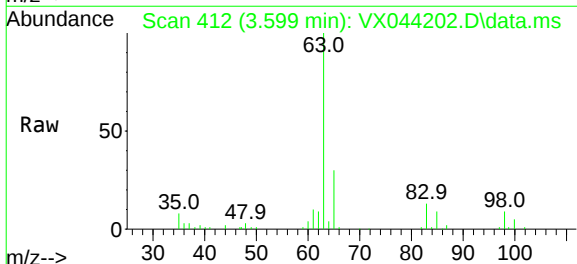
Tgt Ion: 63 Resp: 55190

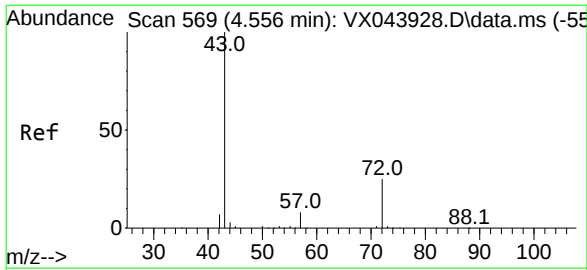
Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.6

100 5.5 2.4 7.1





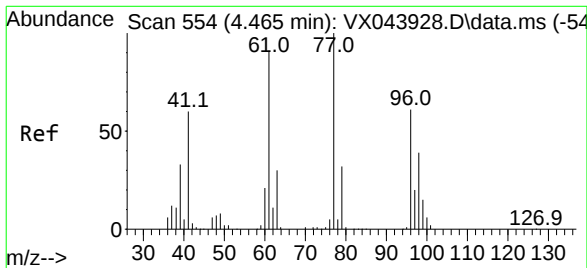
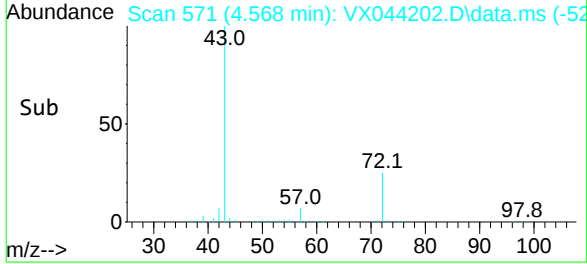
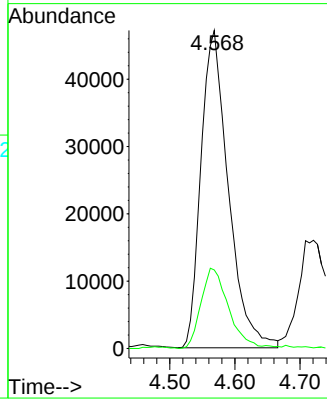
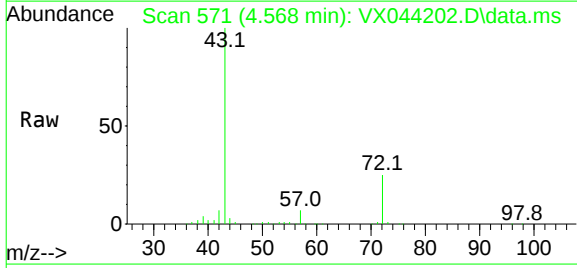
#25
2-Butanone
Concen: 117.094 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 43 Resp: 137811
Ion Ratio Lower Upper
43 100
72 24.7 20.2 30.2

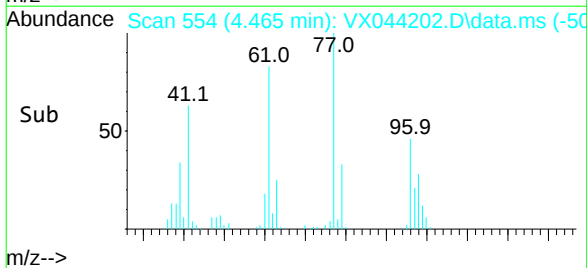
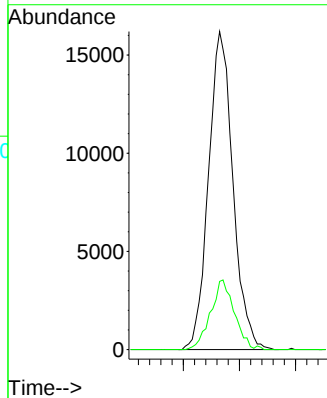
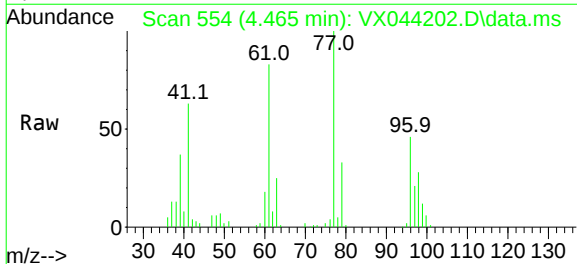
Manual Integrations
APPROVED

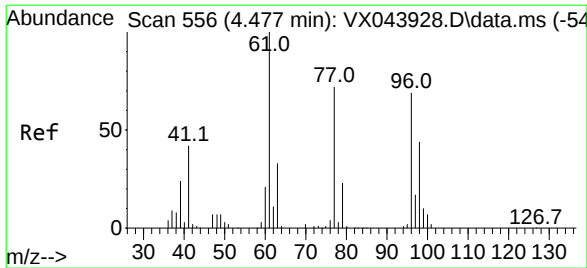
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#26
2,2-Dichloropropane
Concen: 20.141 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

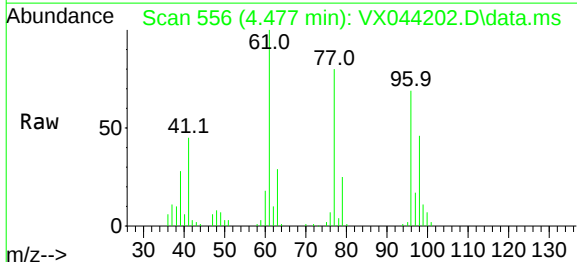
Tgt Ion: 77 Resp: 48918
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 20.245 ug/l
 RT: 4.477 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: VX044202.D
 Acq: 10 Dec 2024 12:52

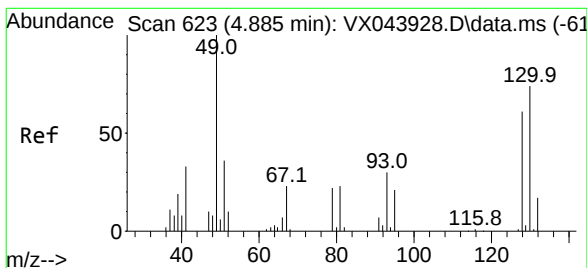
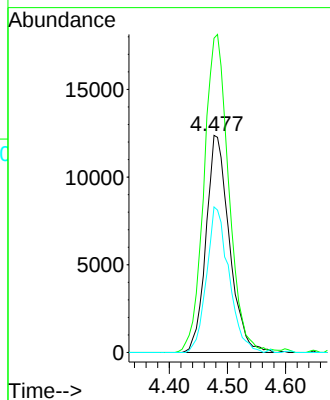
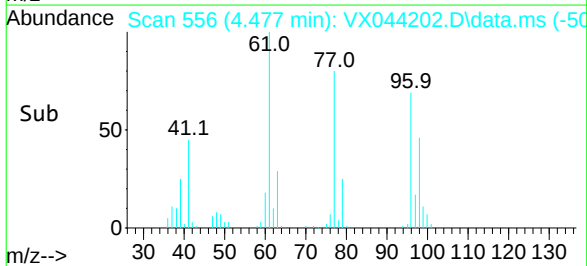
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01



Tgt Ion: 96 Resp: 34471
 Ion Ratio Lower Upper
 96 100
 61 156.1 0.0 297.4
 98 64.5 0.0 127.8

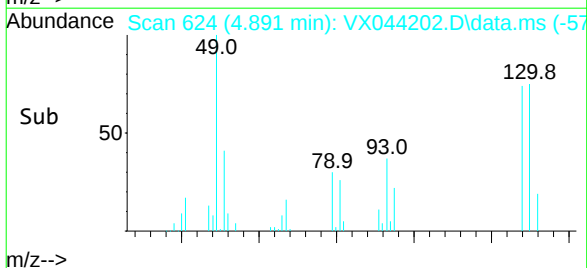
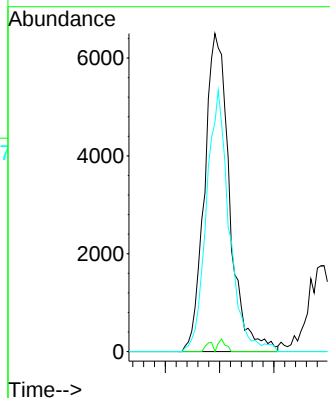
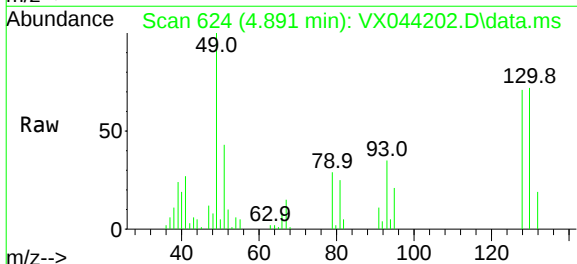
Manual Integrations
 APPROVED

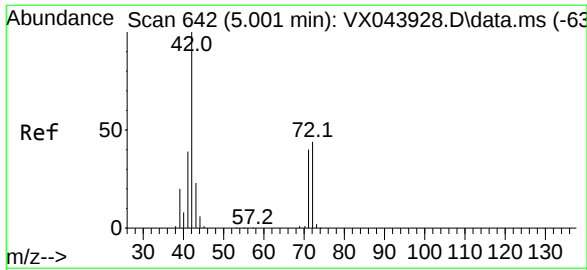
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#28
 Bromochloromethane
 Concen: 17.626 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX044202.D
 Acq: 10 Dec 2024 12:52

Tgt Ion: 49 Resp: 20865
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 74.0 59.0 88.6





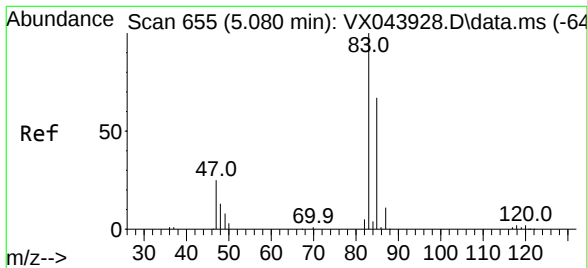
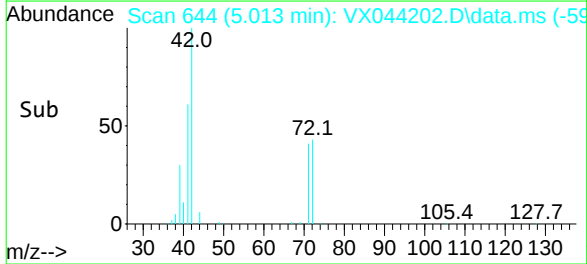
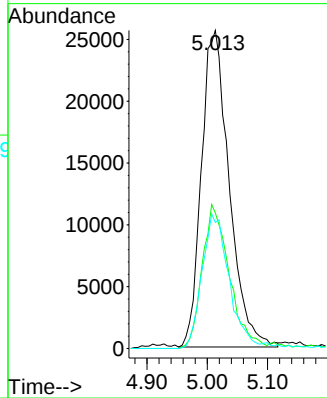
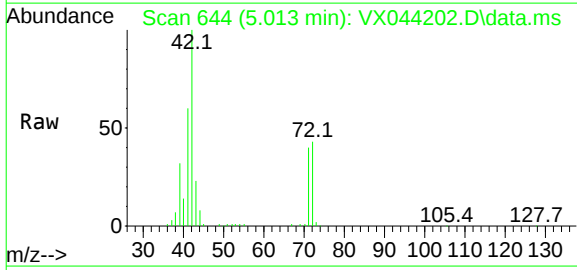
#29
Tetrahydrofuran
Concen: 113.662 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 42 Resp: 82011
Ion Ratio Lower Upper
42 100
72 44.3 36.4 54.6
71 42.0 33.4 50.0

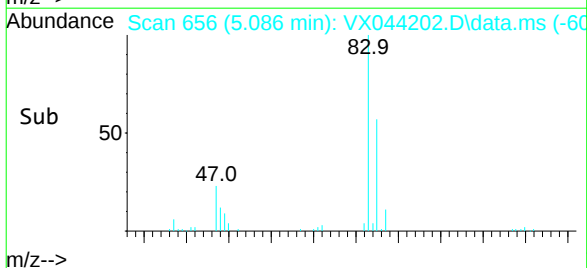
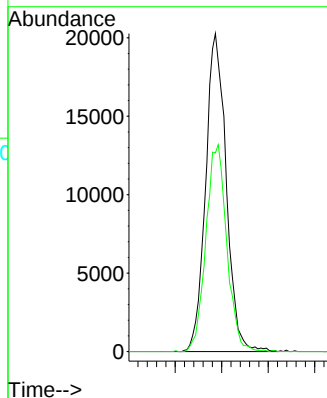
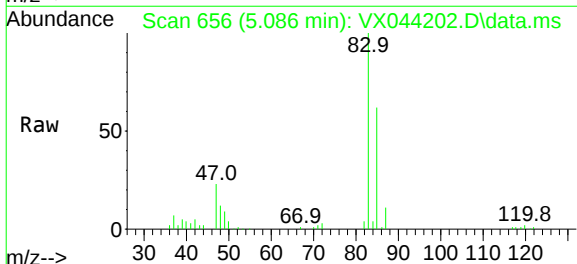
Manual Integrations
APPROVED

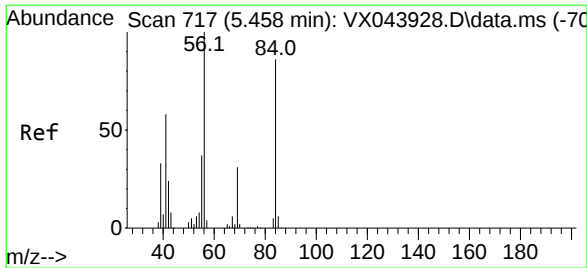
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#30
Chloroform
Concen: 21.526 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 83 Resp: 62263
Ion Ratio Lower Upper
83 100
85 62.5 53.5 80.3





#31

Cyclohexane

Concen: 19.563 ug/l

RT: 5.464 min Scan# 717

Delta R.T. 0.006 min

Lab File: VX044202.D

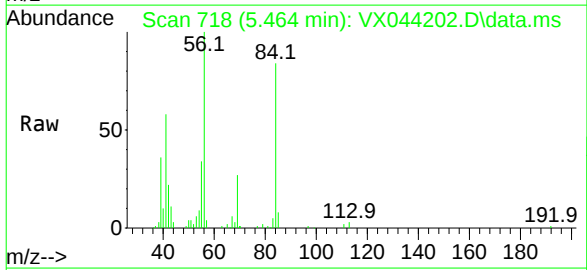
Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01



Tgt Ion: 56 Resp: 43300

Ion Ratio Lower Upper

56 100

69 26.7 24.7 37.1

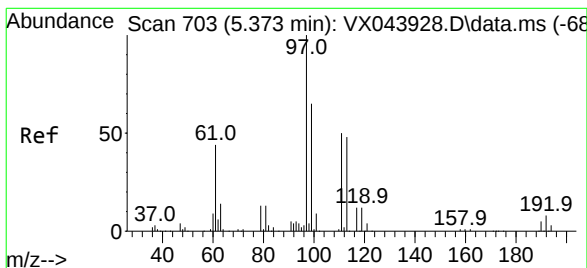
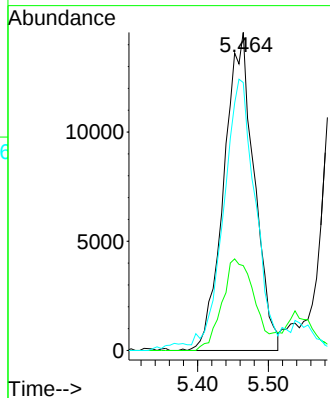
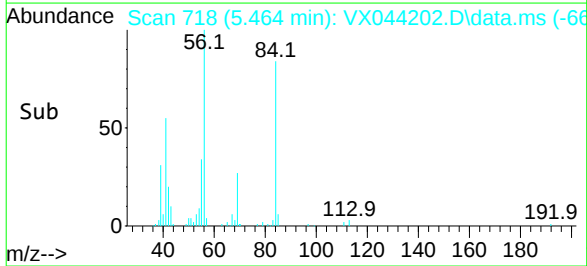
84 82.2 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#32

1,1,1-Trichloroethane

Concen: 21.609 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

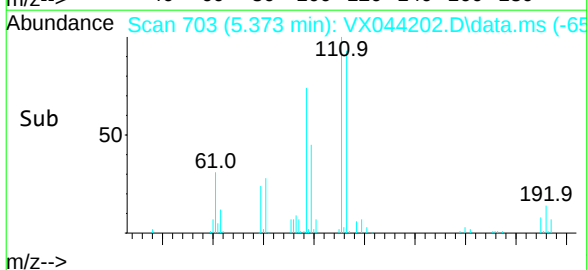
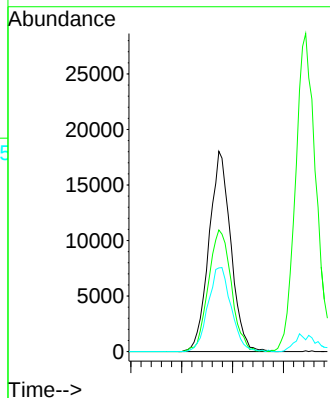
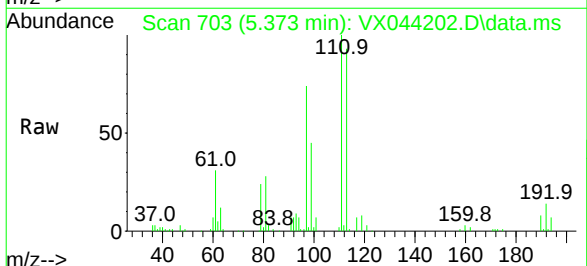
Tgt Ion: 97 Resp: 53900

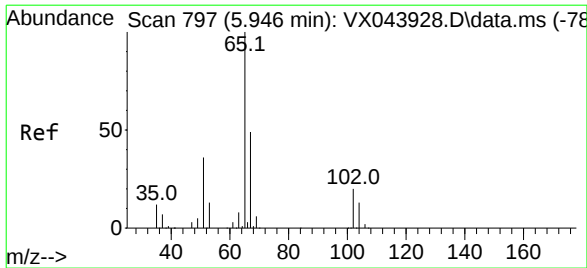
Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

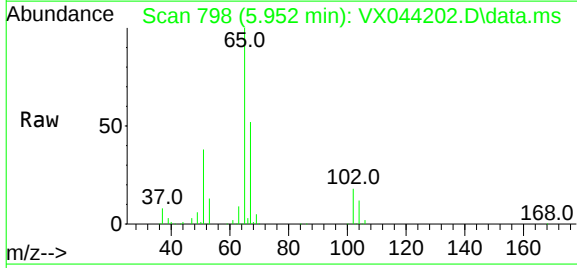
61 44.3 35.4 53.2





#33
1,2-Dichloroethane-d4
Concen: 51.260 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

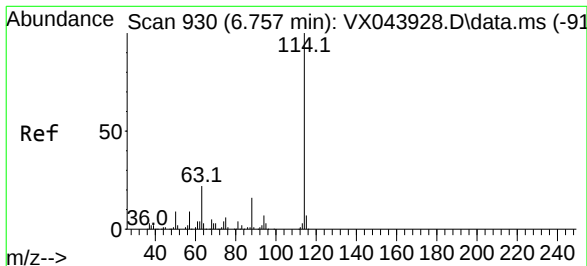
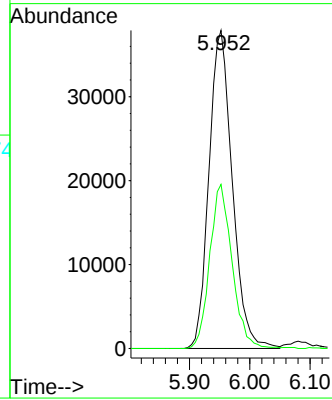
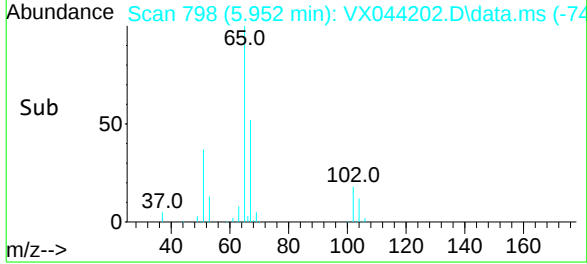
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01



Tgt Ion: 65 Resp: 101800
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8

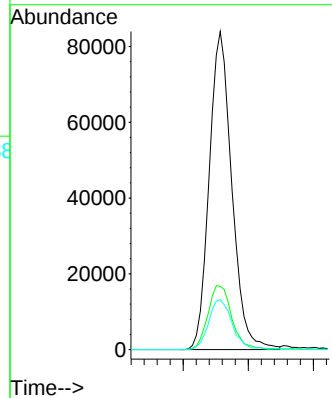
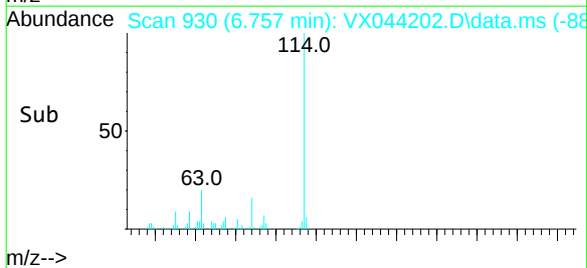
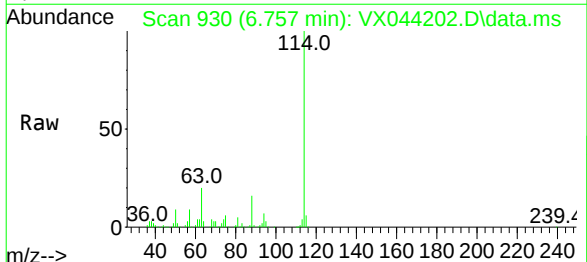
Manual Integrations
APPROVED

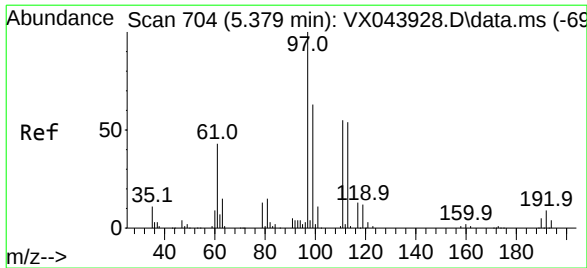
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion:114 Resp: 202181
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.0
88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.124 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

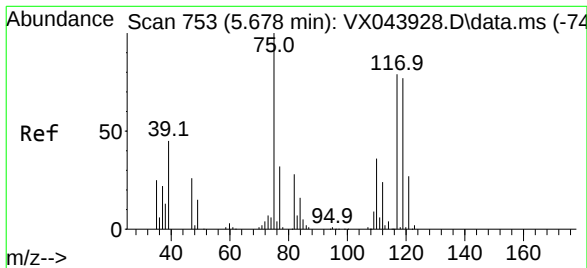
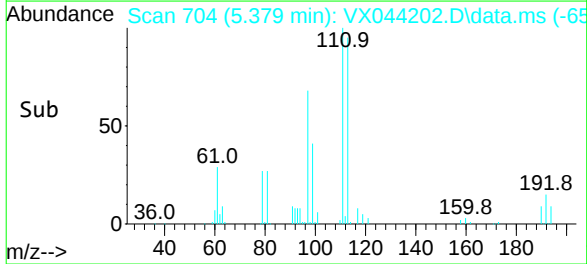
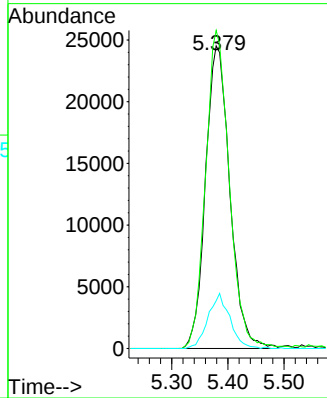
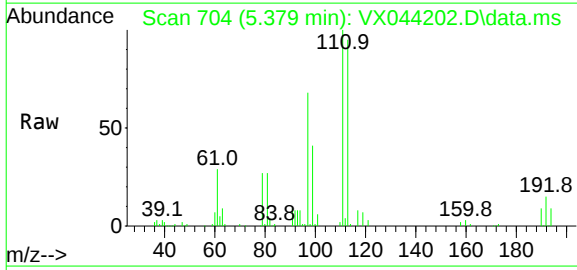
Tgt Ion:	113	Resp:	73858
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.4
192	16.3	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#36

1,1-Dichloropropene

Concen: 20.765 ug/l

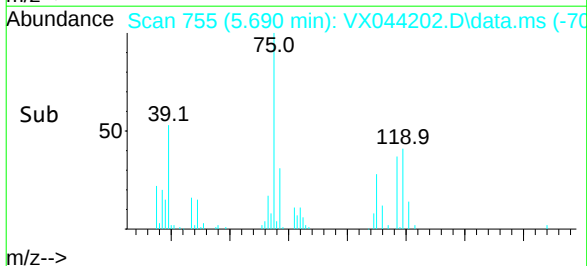
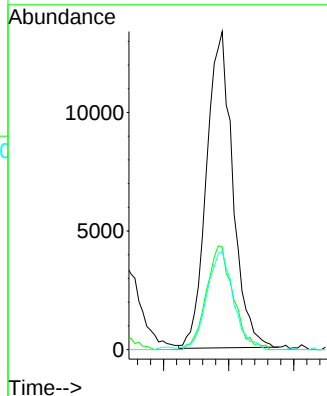
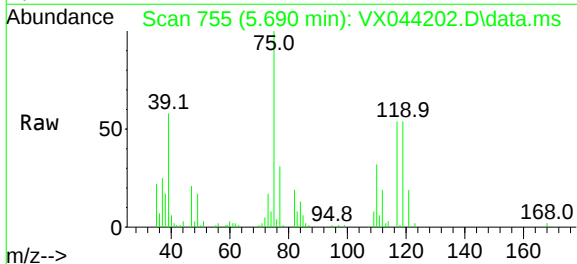
RT: 5.690 min Scan# 755

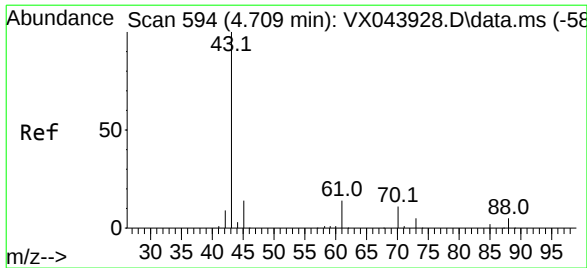
Delta R.T. 0.012 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Tgt Ion:	75	Resp:	37382
Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.4	52.2
77	31.7	25.8	38.8





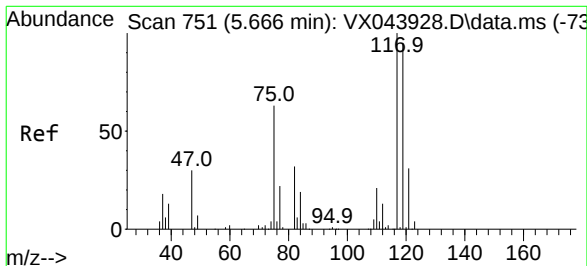
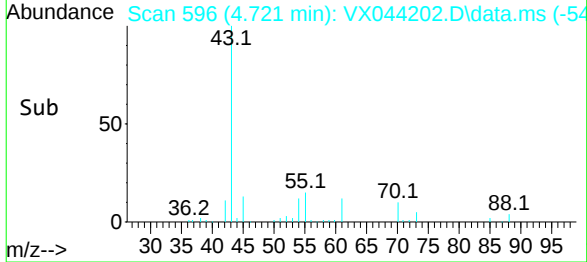
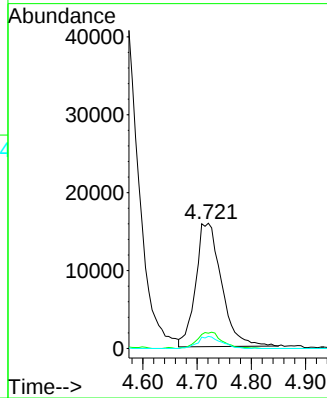
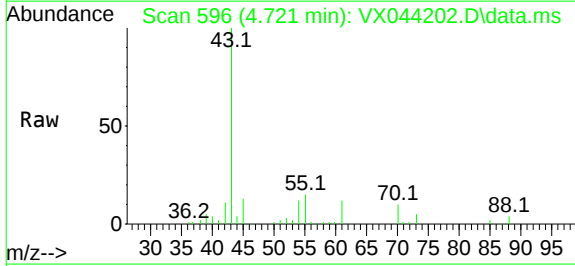
#37
Ethyl Acetate
Concen: 23.442 ug/l
RT: 4.721 min Scan# 594
Delta R.T. 0.012 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 43	Resp: 52386
Ion Ratio	Lower Upper
43 100	
61 12.6	10.7 16.1
70 8.9	8.0 12.0

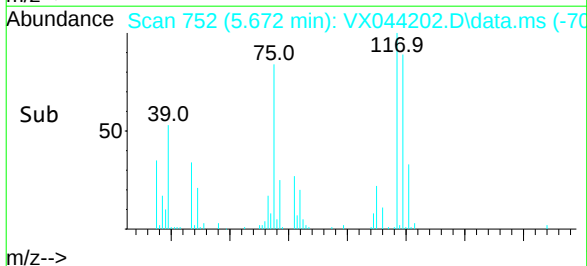
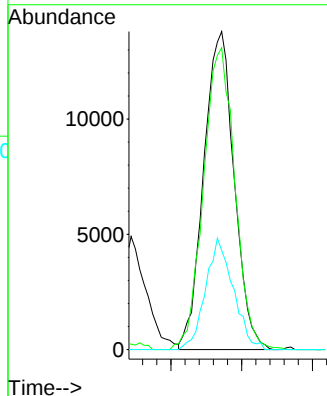
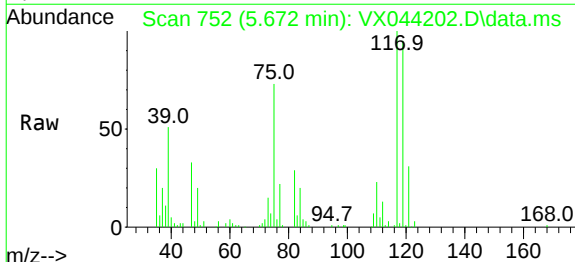
Manual Integrations
APPROVED

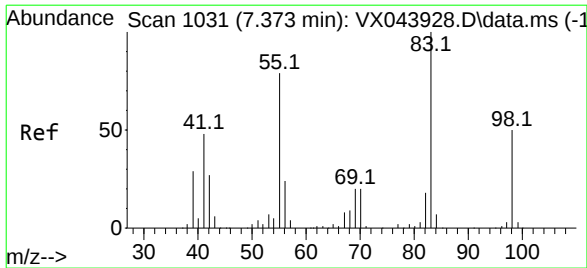
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#38
Carbon Tetrachloride
Concen: 20.400 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion:117	Resp: 41265
Ion Ratio	Lower Upper
117 100	
119 94.3	75.2 112.8
121 31.2	24.5 36.7





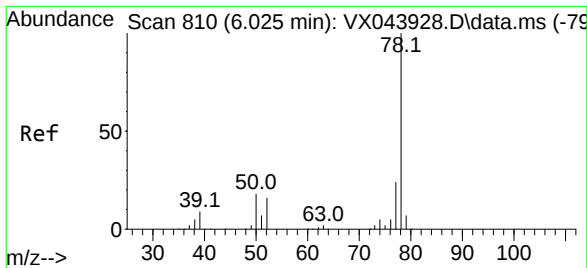
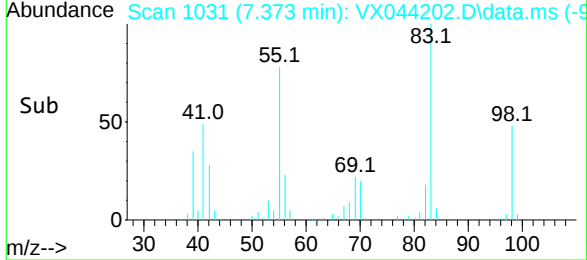
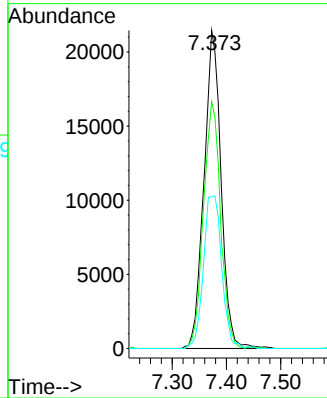
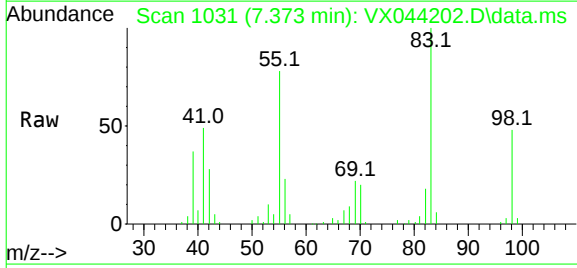
#39
Methylcyclohexane
Concen: 20.077 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 83 Resp: 46955
Ion Ratio Lower Upper
83 100
55 77.6 63.1 94.7
98 47.7 40.0 60.0

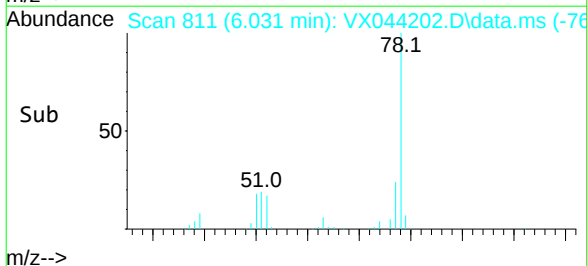
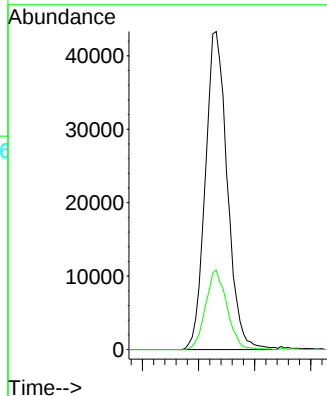
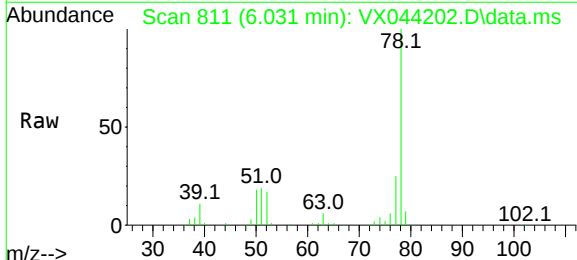
Manual Integrations
APPROVED

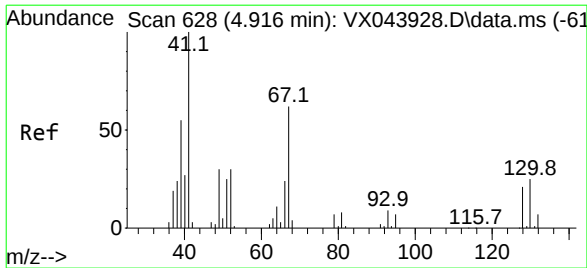
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#40
Benzene
Concen: 20.995 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 78 Resp: 117731
Ion Ratio Lower Upper
78 100
77 25.0 19.2 28.8





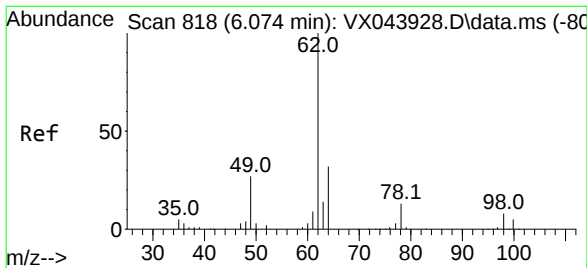
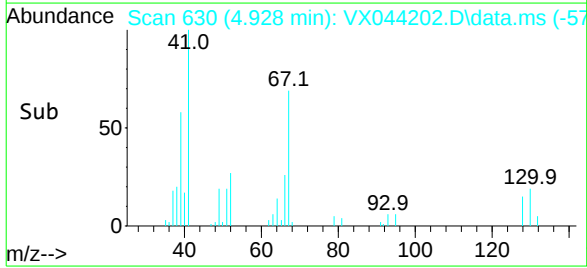
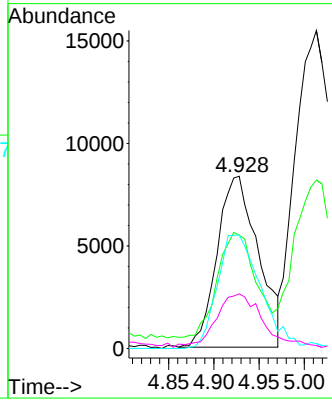
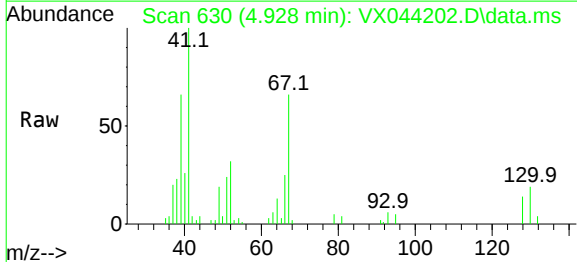
#41
Methacrylonitrile
Concen: 23.094 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.012 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 41	Resp: 26414
Ion Ratio	Lower Upper
41 100	
39 57.1	41.7 62.5
67 69.8	55.8 83.8
52 37.5	24.0 36.0

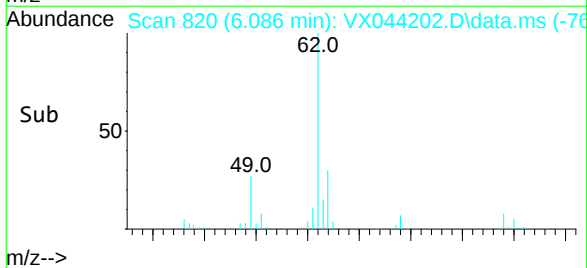
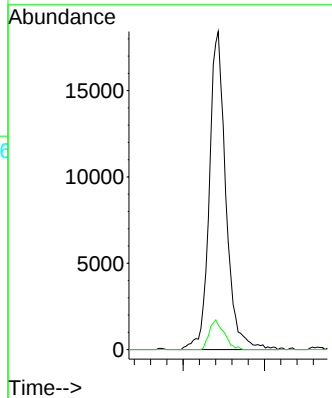
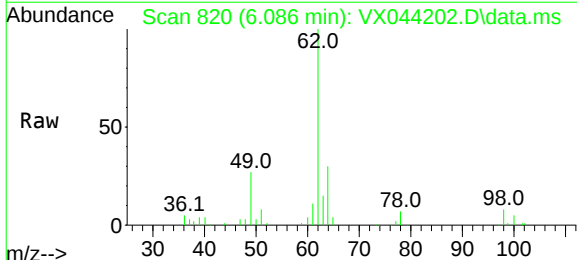
Manual Integrations
APPROVED

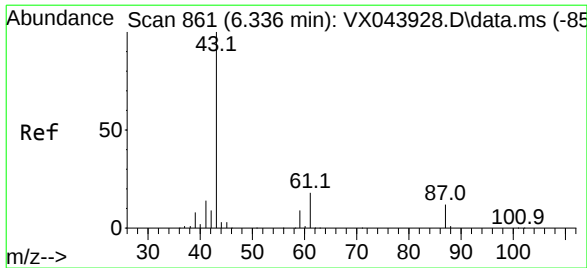
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#42
1,2-Dichloroethane
Concen: 23.129 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.012 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 62	Resp: 52091
Ion Ratio	Lower Upper
62 100	
98 8.4	0.0 16.4





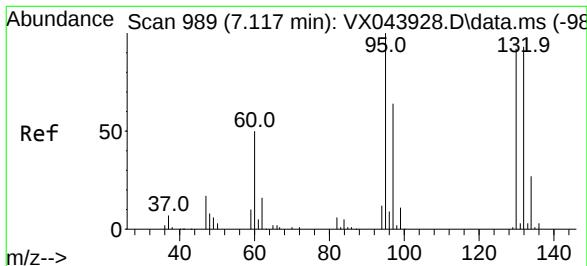
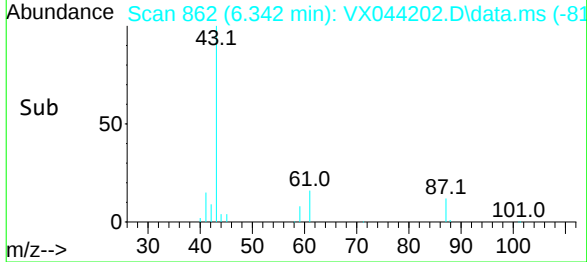
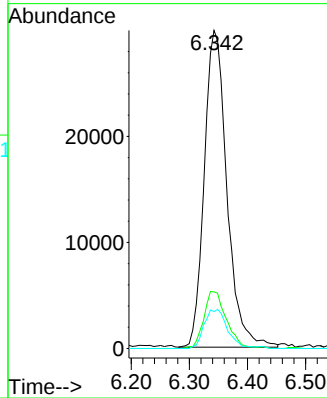
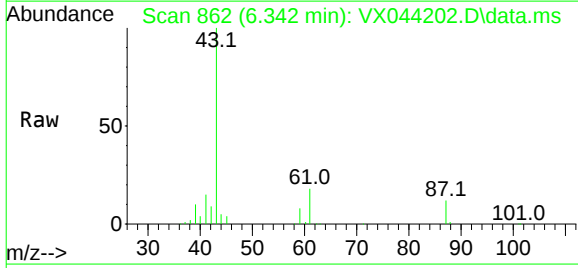
#43
Isopropyl Acetate
Concen: 22.768 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.5	21.7
87	12.6	10.2	15.2

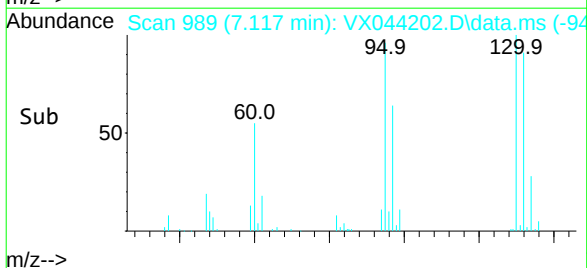
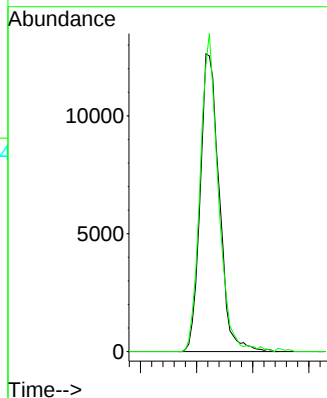
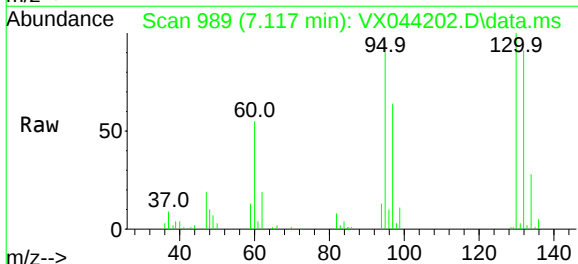
Manual Integrations
APPROVED

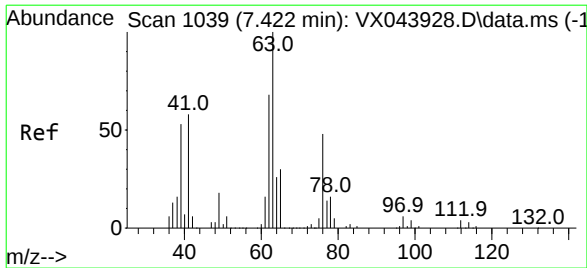
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#44
Trichloroethene
Concen: 18.751 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	217.8





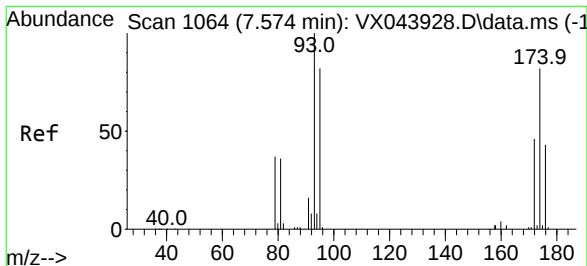
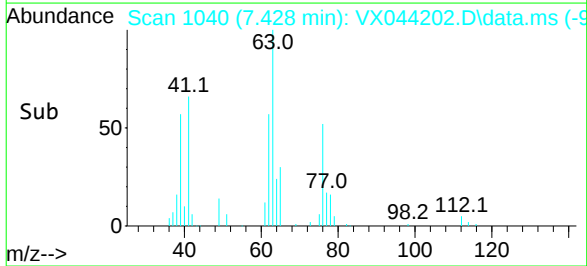
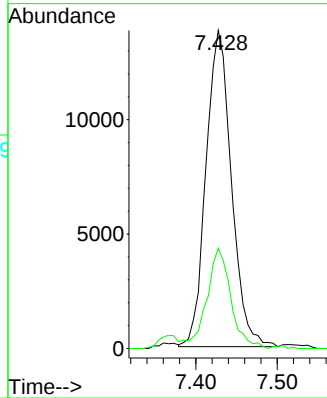
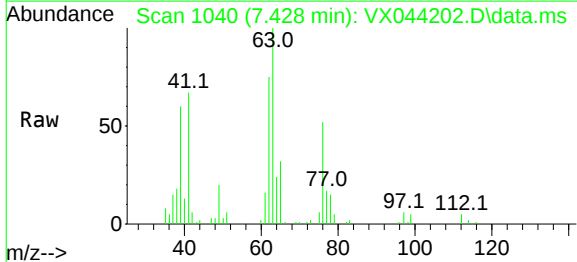
#45
1,2-Dichloropropane
Concen: 21.865 ug/l
RT: 7.428 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 63 Resp: 30031
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.6

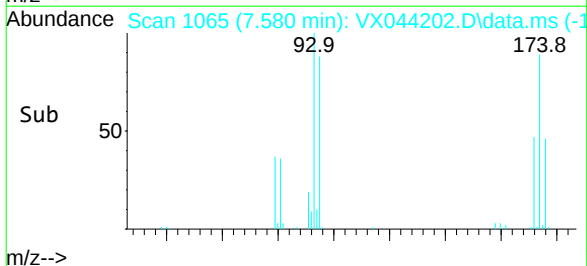
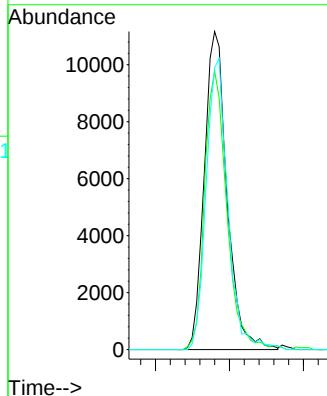
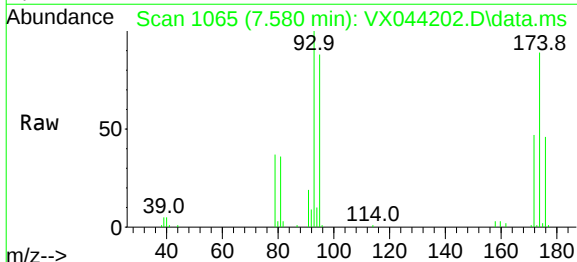
Manual Integrations
APPROVED

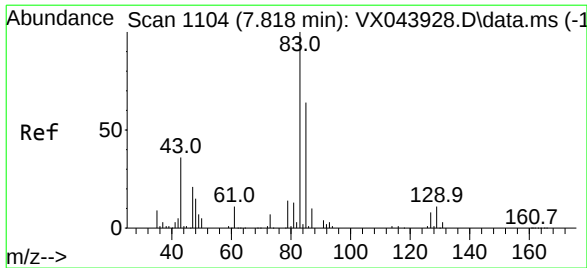
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#46
Dibromomethane
Concen: 21.895 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 93 Resp: 23788
Ion Ratio Lower Upper
93 100
95 85.6 66.2 99.4
174 87.3 69.6 104.4





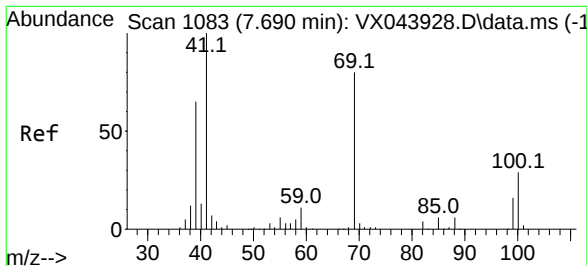
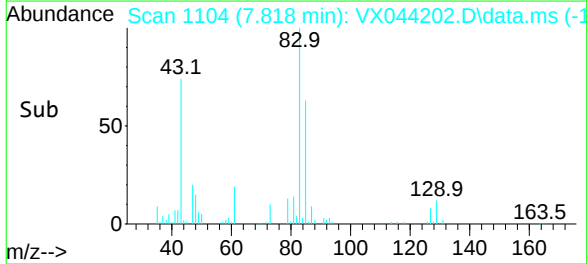
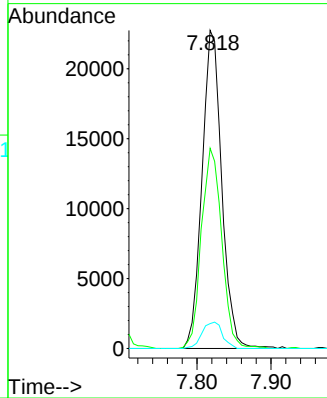
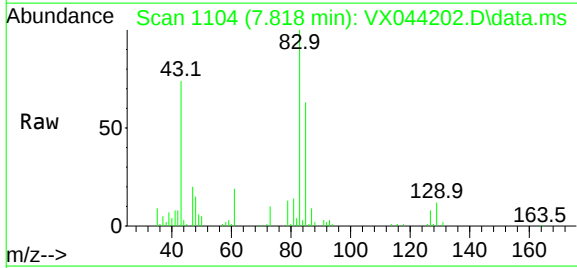
#47
Bromodichloromethane
Concen: 21.632 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 83 Resp: 42150
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.0
127 7.8 6.6 10.0

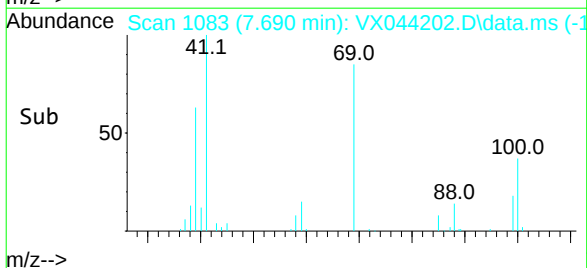
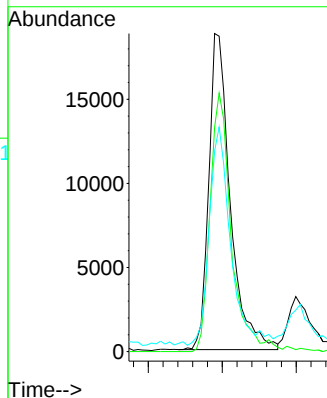
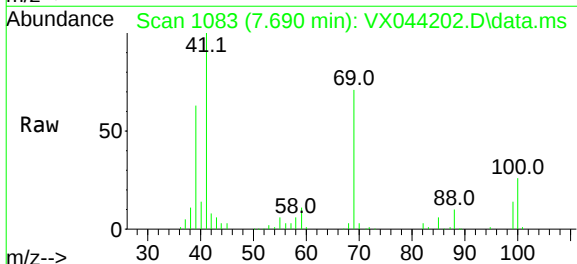
Manual Integrations
APPROVED

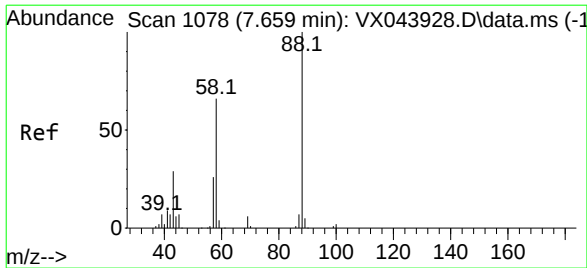
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#48
Methyl methacrylate
Concen: 22.183 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

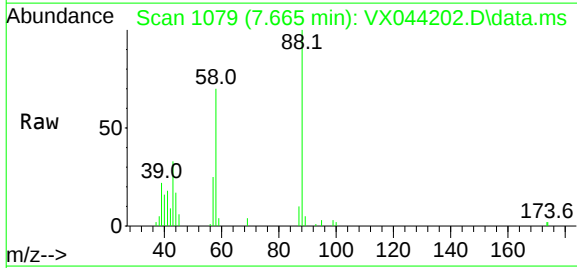
Tgt Ion: 41 Resp: 37855
Ion Ratio Lower Upper
41 100
69 80.7 64.6 97.0
39 68.5 53.3 79.9





#49
1,4-Dioxane
Concen: 363.676 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

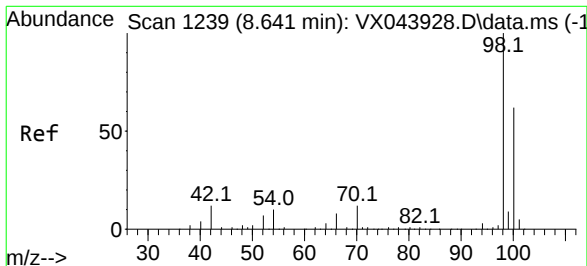
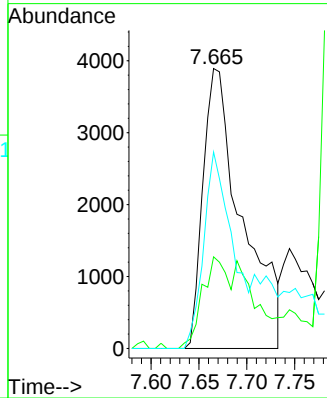
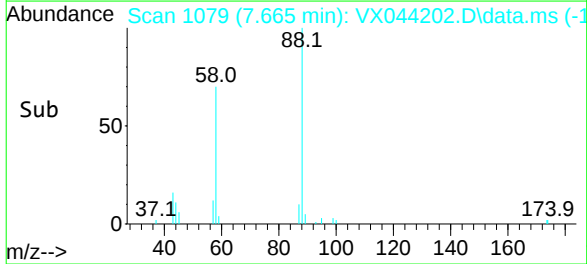
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01



Tgt Ion: 88 Resp: 11055
Ion Ratio Lower Upper
88 100
43 21.9 26.8 40.2#
58 51.7 45.4 68.2

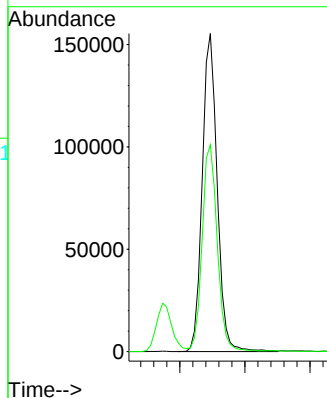
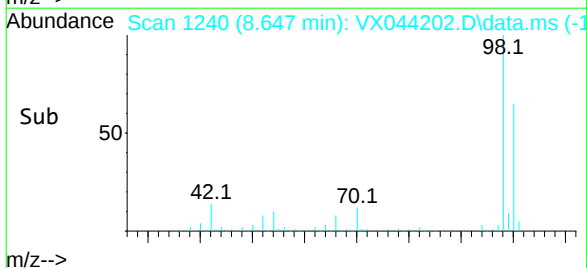
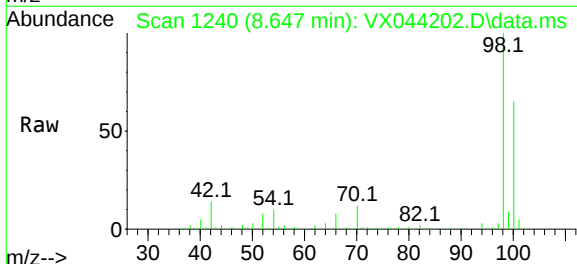
Manual Integrations
APPROVED

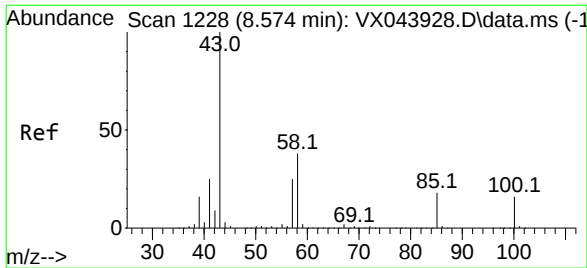
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#50
Toluene-d8
Concen: 49.741 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 98 Resp: 247708
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0





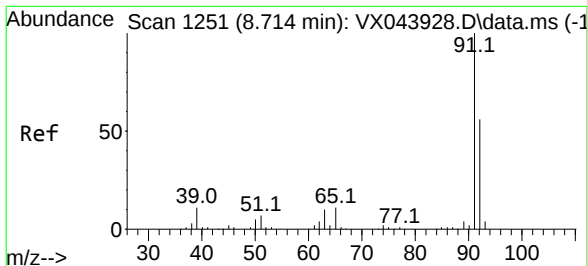
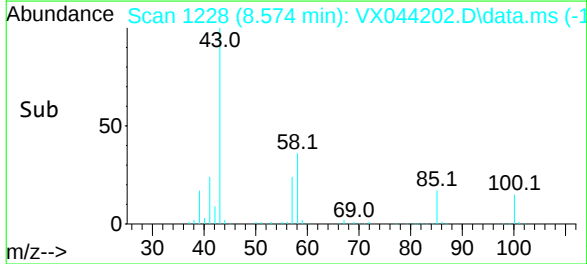
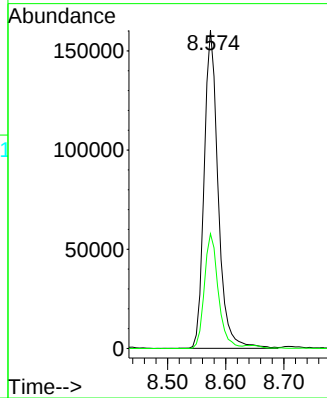
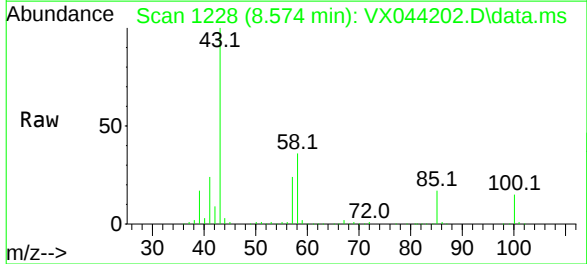
#51
4-Methyl-2-Pentanone
Concen: 123.982 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 43 Resp: 269077
Ion Ratio Lower Upper
43 100
58 35.8 30.0 45.0

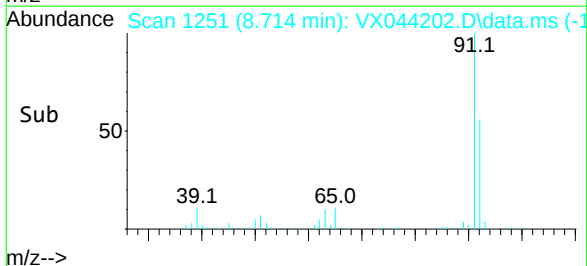
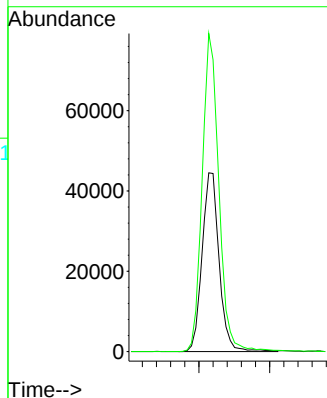
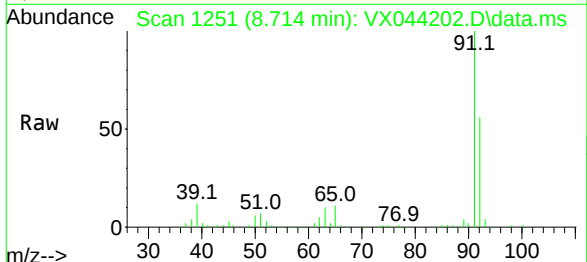
Manual Integrations
APPROVED

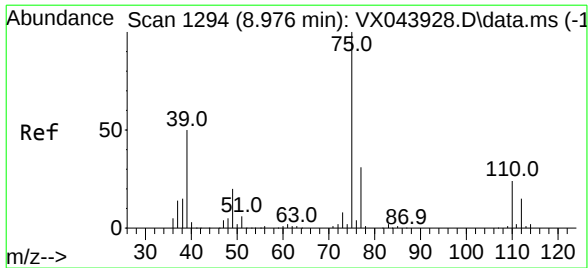
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#52
Toluene
Concen: 22.226 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

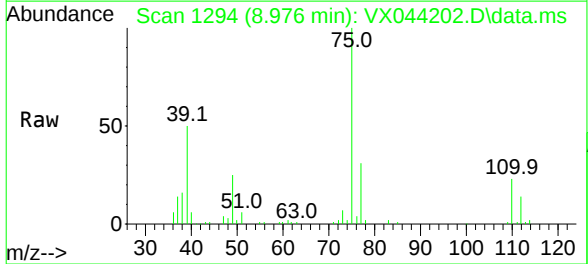
Tgt Ion: 92 Resp: 74598
Ion Ratio Lower Upper
92 100
91 173.8 139.7 209.5





#53
 t-1,3-Dichloropropene
 Concen: 21.660 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX044202.D
 Acq: 10 Dec 2024 12:52

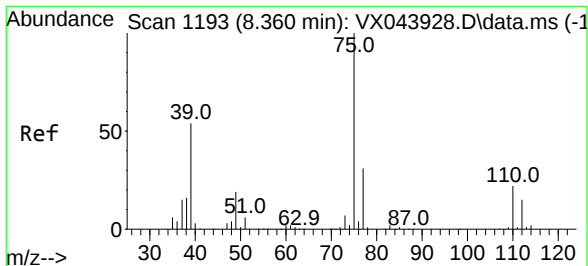
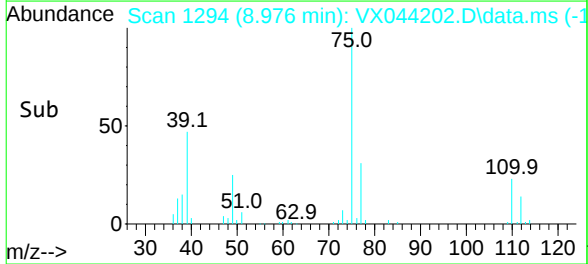
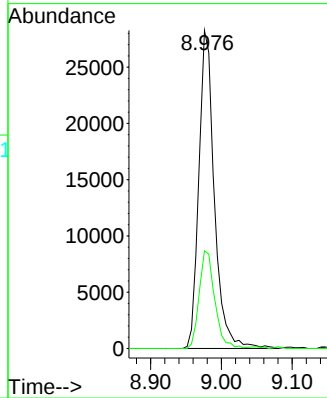
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01



Tgt Ion: 75 Resp: 43040
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.1 37.7

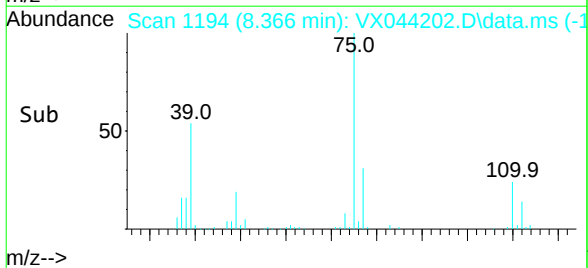
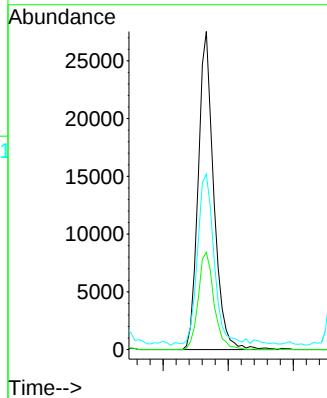
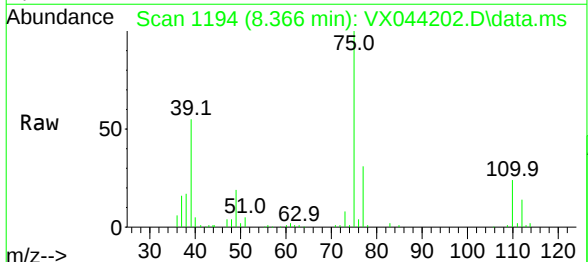
Manual Integrations
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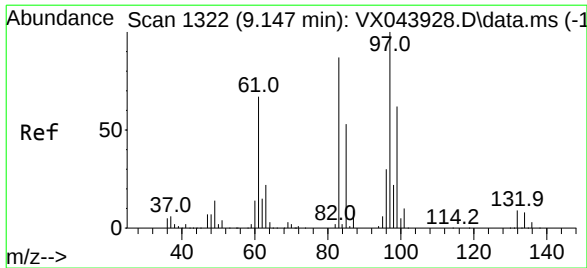
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.937 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX044202.D
 Acq: 10 Dec 2024 12:52

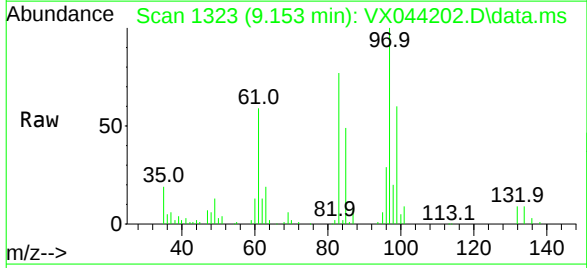
Tgt Ion: 75 Resp: 45606
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.2 37.8
 39 53.4 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 23.125 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

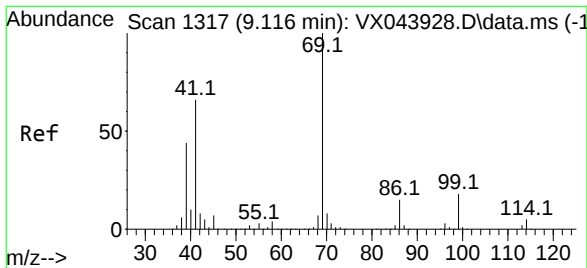
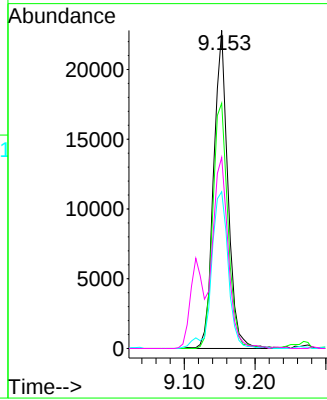
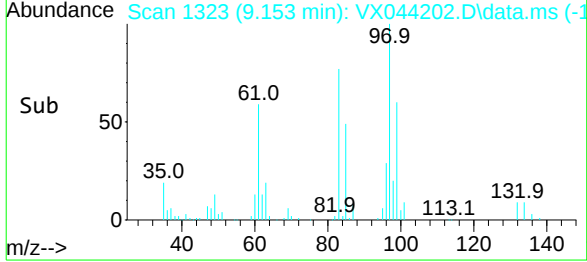
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01



Tgt Ion:	97	Resp:	32040
Ion	Ratio	Lower	Upper
97	100		
83	77.1	69.4	104.0
85	49.3	42.3	63.5
99	59.8	49.6	74.4

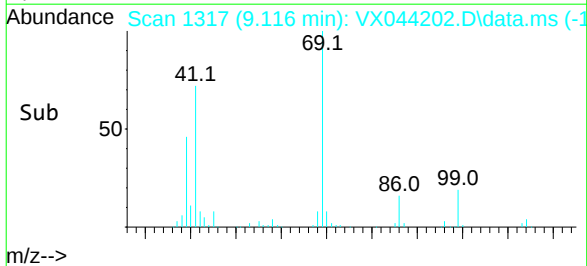
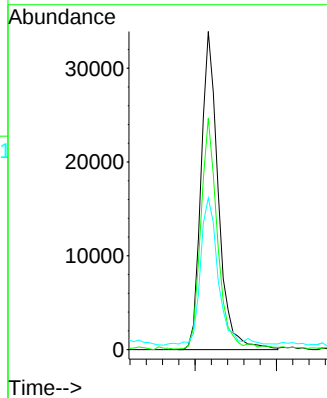
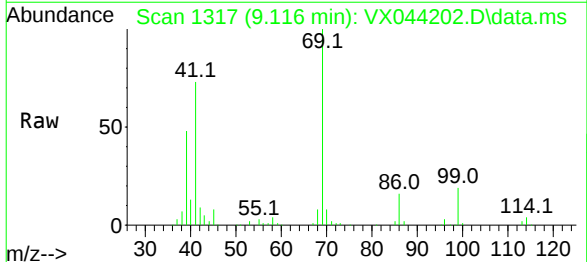
Manual Integrations
APPROVED

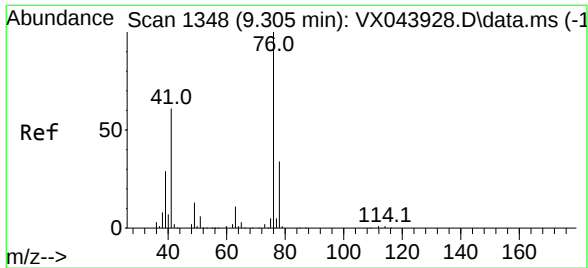
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#56
Ethyl methacrylate
Concen: 23.116 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

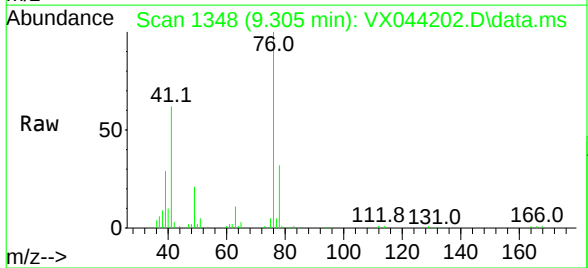
Tgt Ion:	69	Resp:	49885
Ion	Ratio	Lower	Upper
69	100		
41	71.2	55.8	83.8
39	46.9	36.7	55.1





#57
 1,3-Dichloropropane
 Concen: 23.333 ug/l
 RT: 9.305 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: VX044202.D
 Acq: 10 Dec 2024 12:52

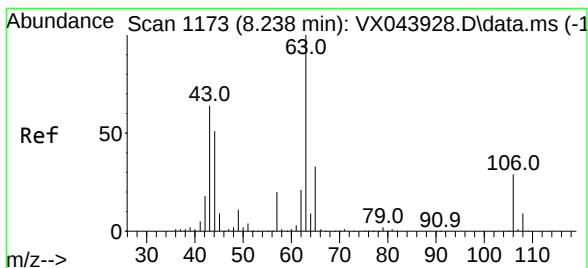
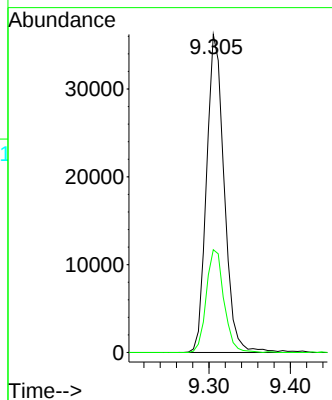
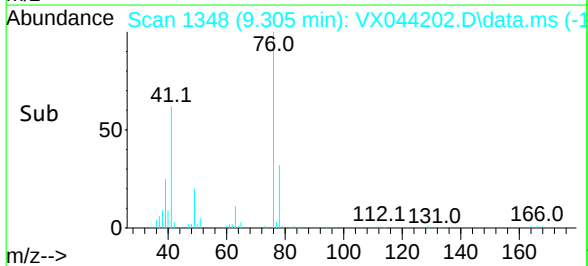
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01



Tgt Ion: 76 Resp: 54457
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0

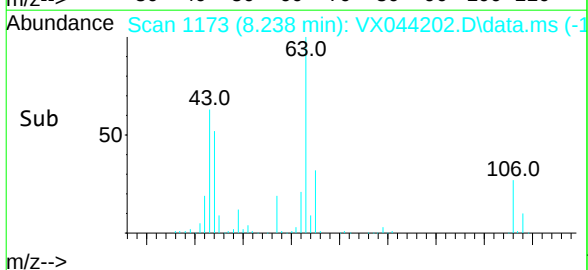
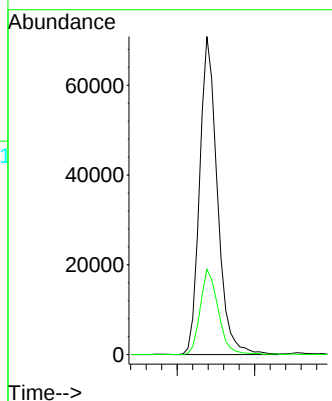
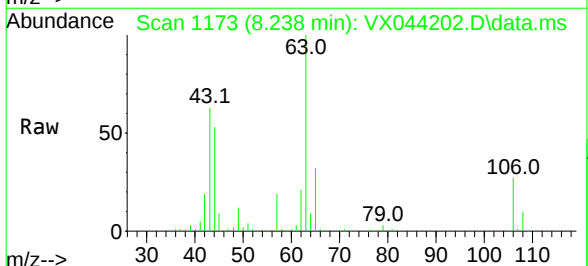
Manual Integrations
 APPROVED

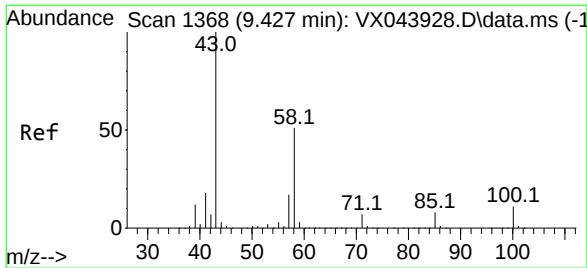
Reviewed By :John Carlone 12/11/2024
 Supervised By :Mahesh Dadoda 12/11/2024



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.784 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. -0.000 min
 Lab File: VX044202.D
 Acq: 10 Dec 2024 12:52

Tgt Ion: 63 Resp: 112902
 Ion Ratio Lower Upper
 63 100
 106 27.1 23.0 34.6





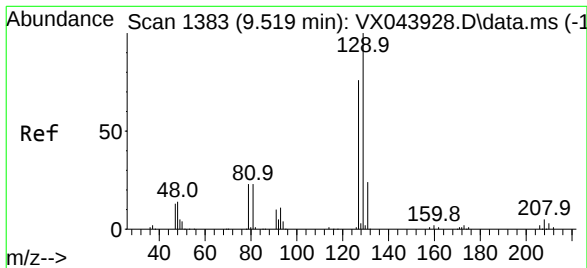
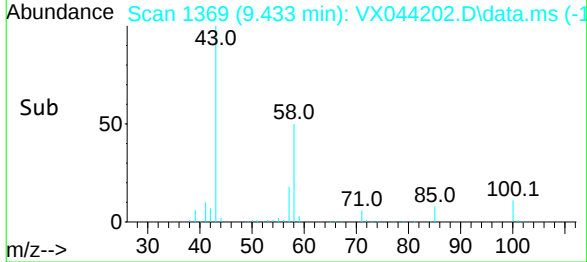
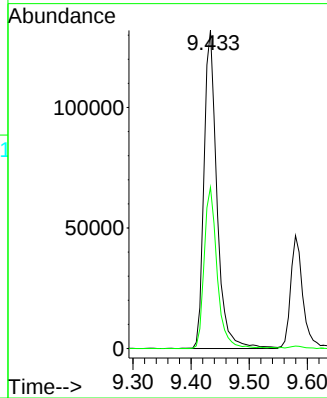
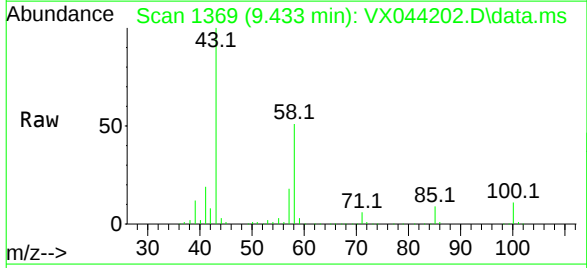
#59
2-Hexanone
Concen: 125.067 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 43 Resp: 204016
Ion Ratio Lower Upper
43 100
58 50.5 25.9 77.6

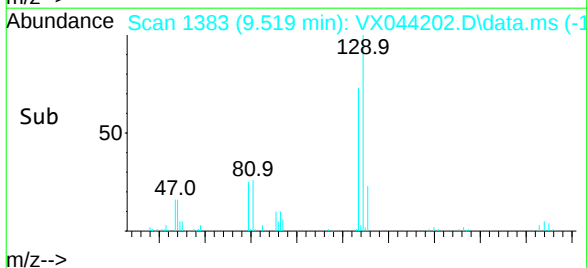
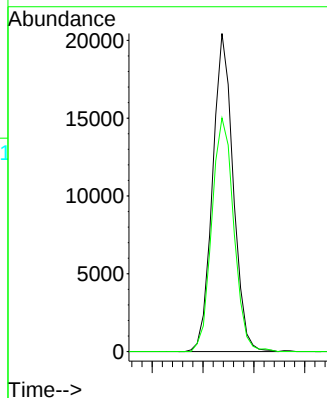
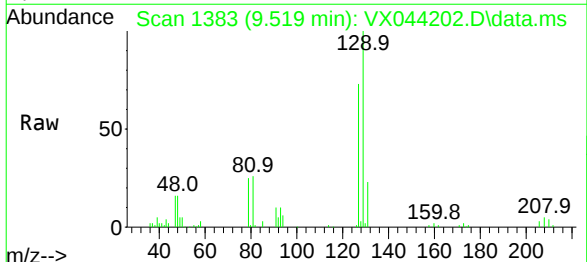
Manual Integrations
APPROVED

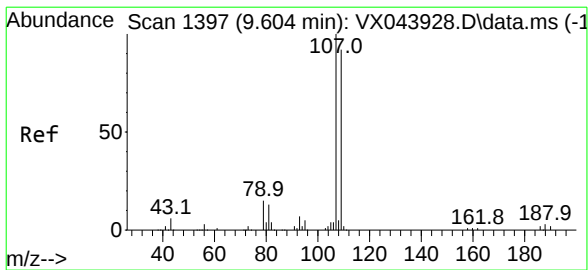
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#60
Dibromochloromethane
Concen: 20.688 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion:129 Resp: 28758
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6





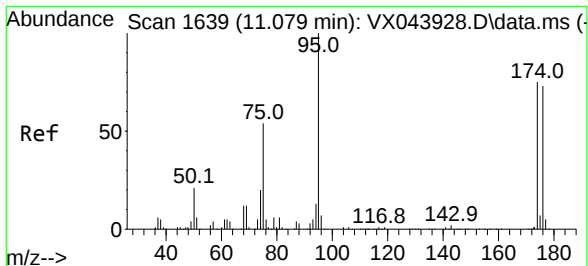
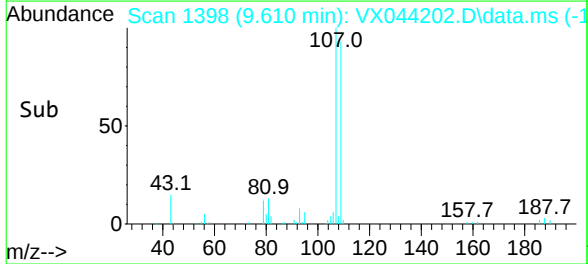
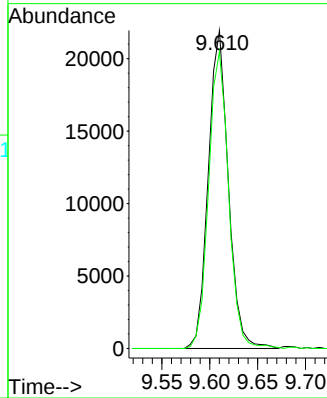
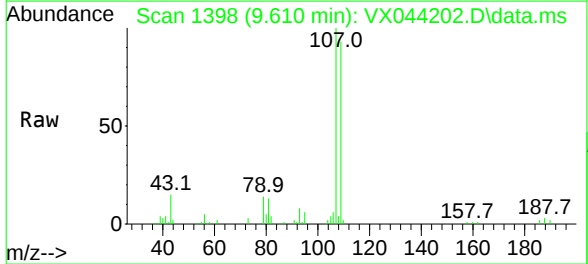
#61
1,2-Dibromoethane
Concen: 22.817 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion: 107 Resp: 31965
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8

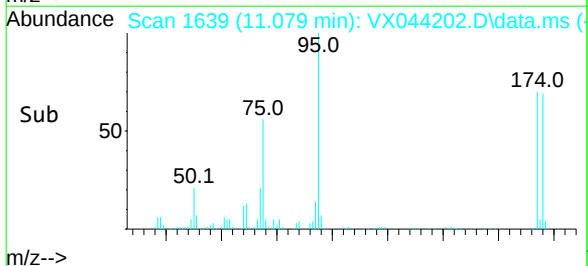
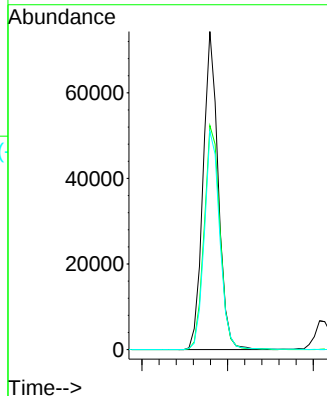
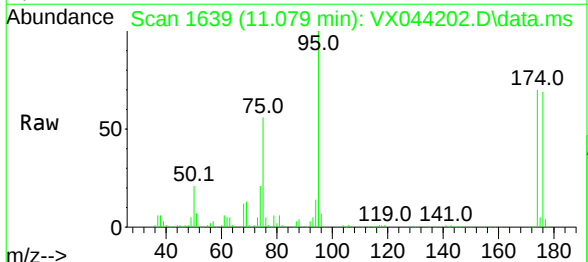
Manual Integrations
APPROVED

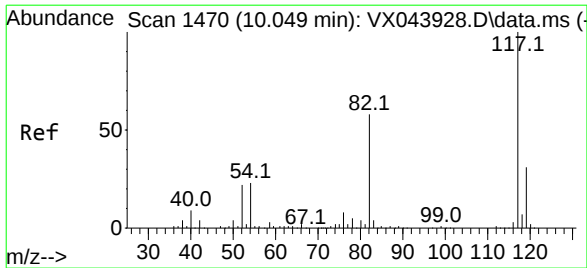
Reviewed By : John Carlone 12/11/2024
Supervised By : Mahesh Dadoda 12/11/2024



#62
4-Bromofluorobenzene
Concen: 53.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 95 Resp: 91245
Ion Ratio Lower Upper
95 100
174 73.7 0.0 150.4
176 70.1 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: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

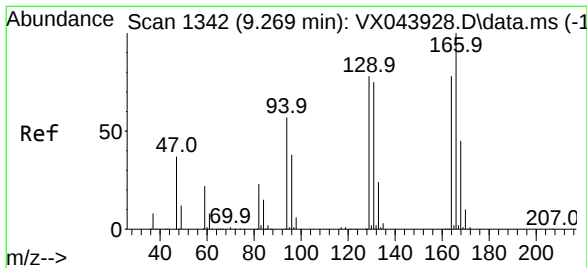
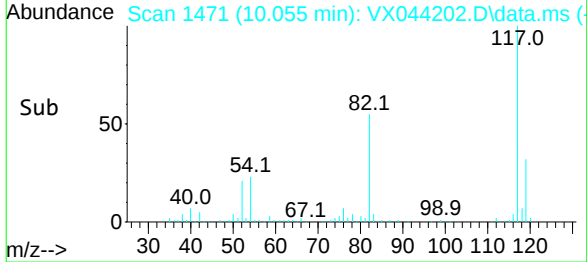
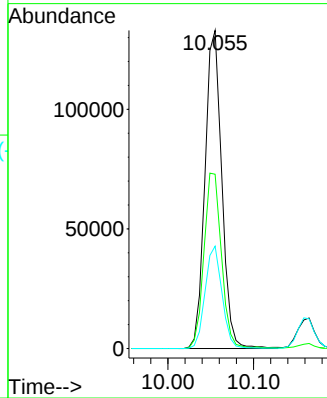
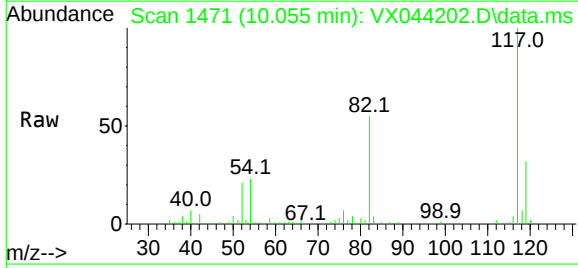
Tgt Ion:	117	Resp:	181459
Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.4	69.6
119	32.2	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#64

Tetrachloroethene

Concen: 20.836 ug/l

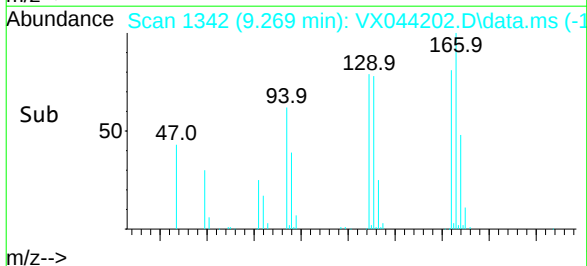
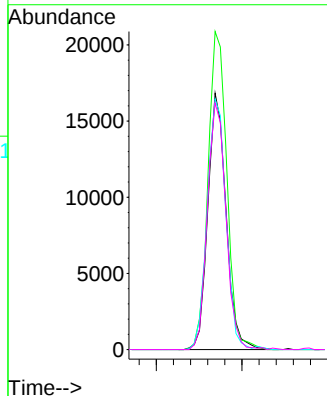
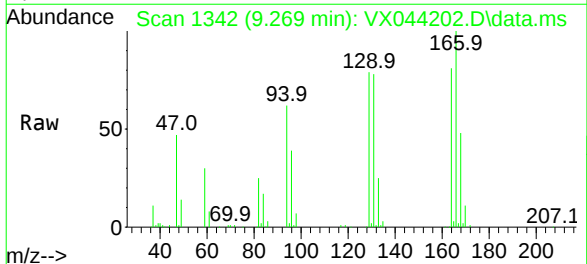
RT: 9.269 min Scan# 1342

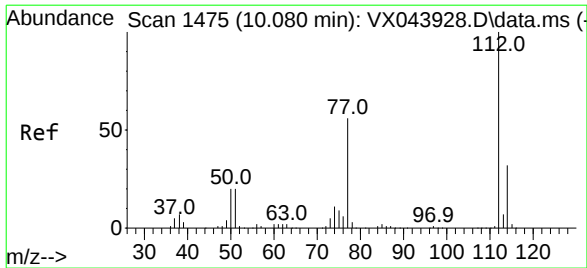
Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Tgt Ion:	164	Resp:	24930
Ion	Ratio	Lower	Upper
164	100		
166	124.0	102.1	153.1
129	97.8	79.6	119.4
131	96.2	76.9	115.3





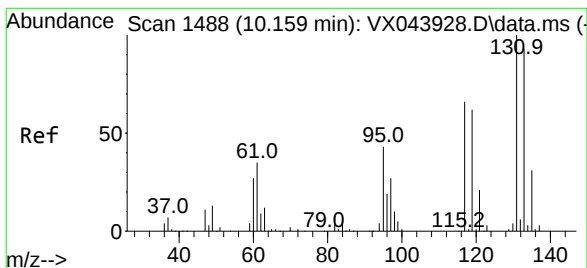
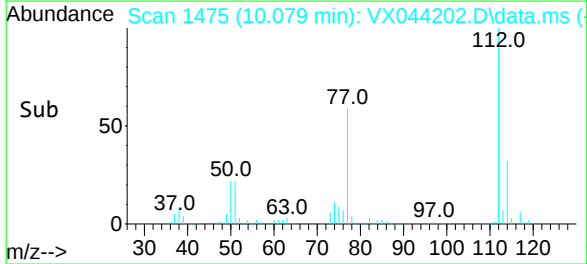
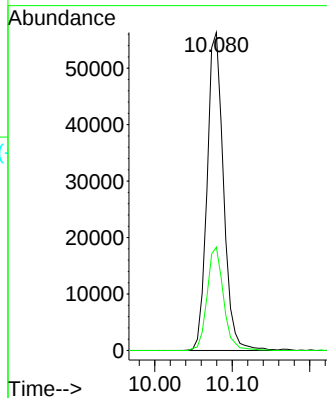
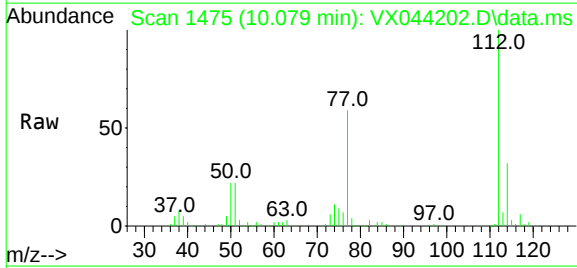
#65
Chlorobenzene
Concen: 20.720 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion:112 Resp: 82577
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

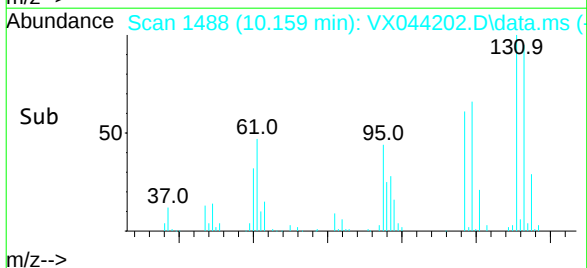
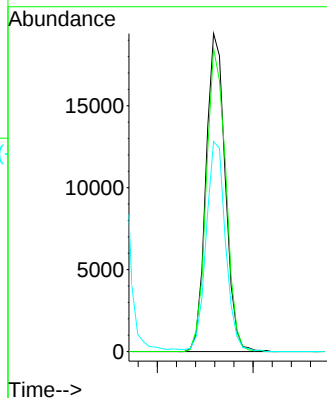
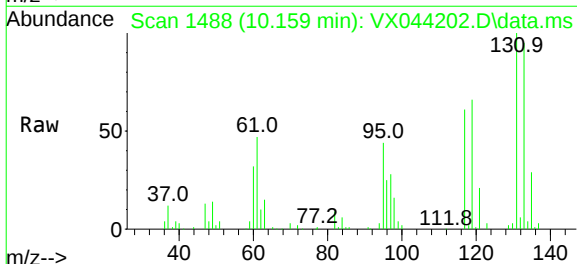
Manual Integrations
APPROVED

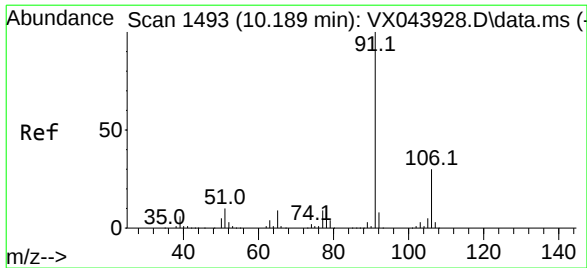
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.952 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion:131 Resp: 27081
Ion Ratio Lower Upper
131 100
133 96.3 48.2 144.6
119 66.6 31.5 94.5





#67

Ethyl Benzene

Concen: 21.463 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tgt Ion: 91 Resp: 144945

Ion Ratio Lower Upper

91 100

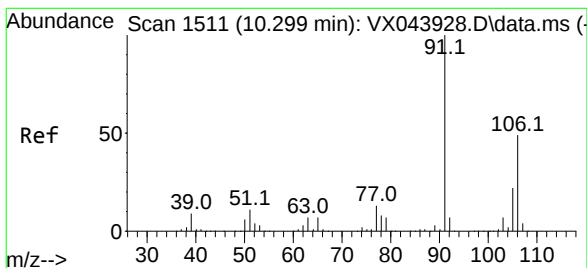
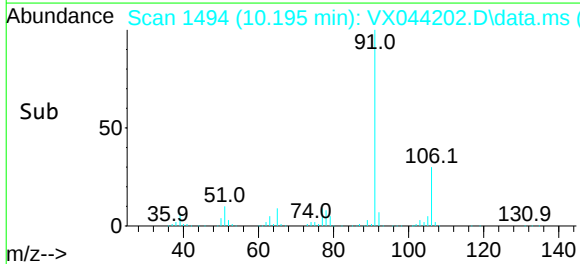
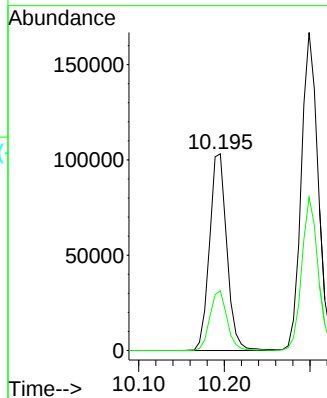
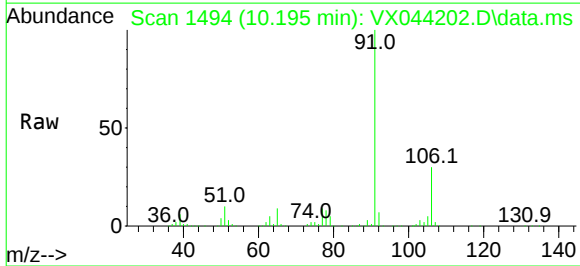
106 30.4 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#68

m/p-Xylenes

Concen: 42.841 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044202.D

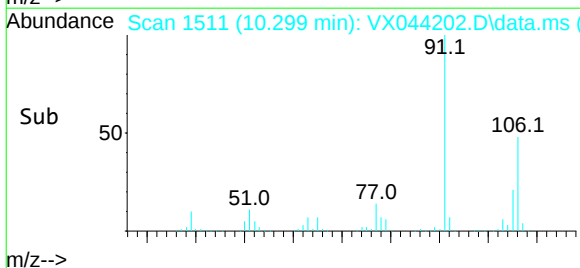
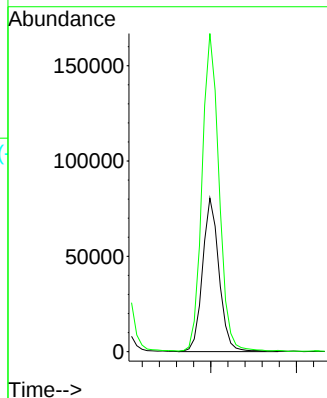
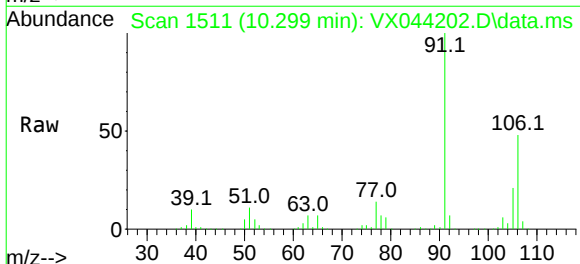
Acq: 10 Dec 2024 12:52

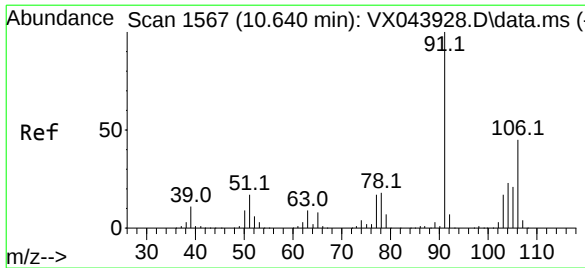
Tgt Ion:106 Resp: 107890

Ion Ratio Lower Upper

106 100

91 211.8 168.1 252.1





#69

o-Xylene

Concen: 21.734 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tgt Ion:106 Resp: 53442

Ion Ratio Lower Upper

106 100

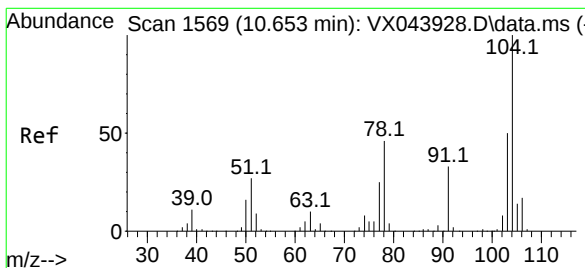
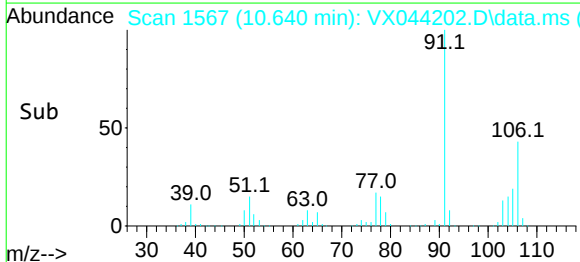
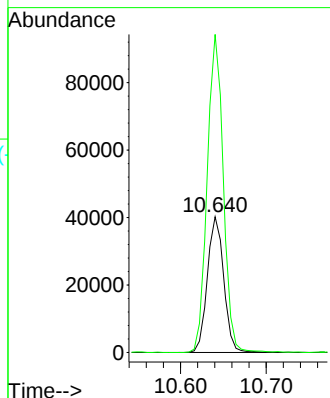
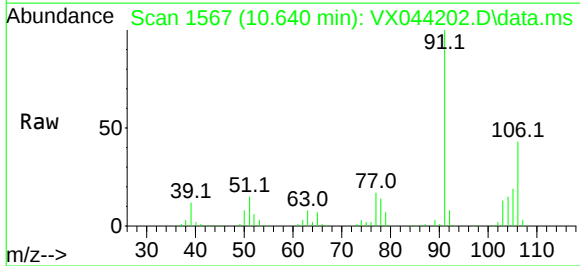
91 230.4 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#70

Styrene

Concen: 21.452 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

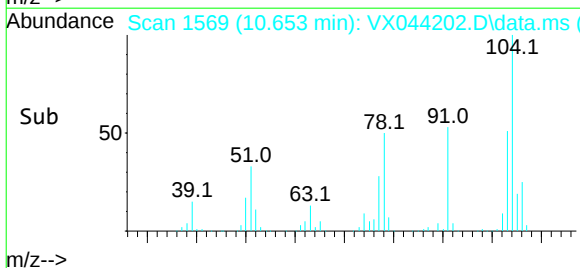
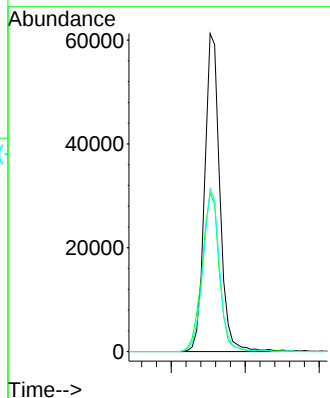
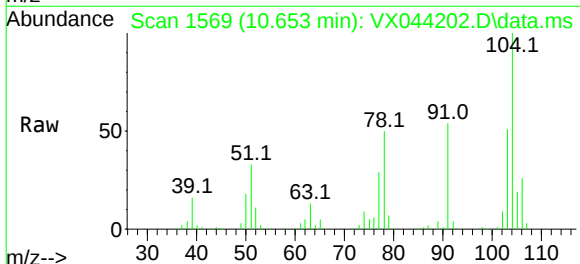
Tgt Ion:104 Resp: 87244

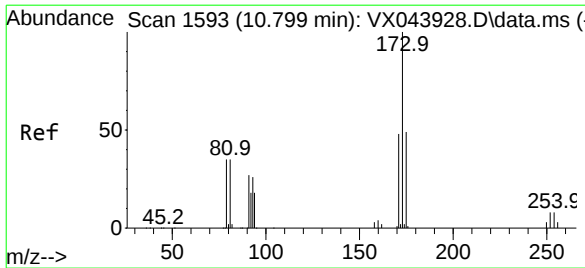
Ion Ratio Lower Upper

104 100

78 56.8 42.2 63.2

103 55.8 44.7 67.1





#71

Bromoform

Concen: 18.902 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

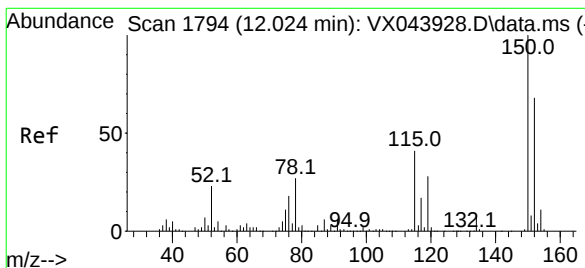
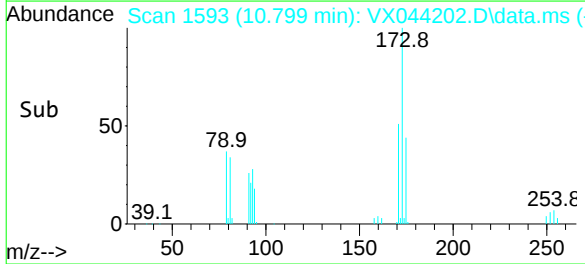
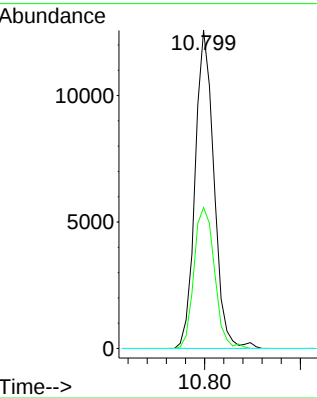
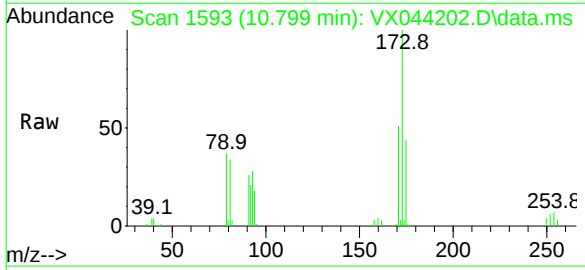
Tgt Ion:	173	Resp:	17198
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

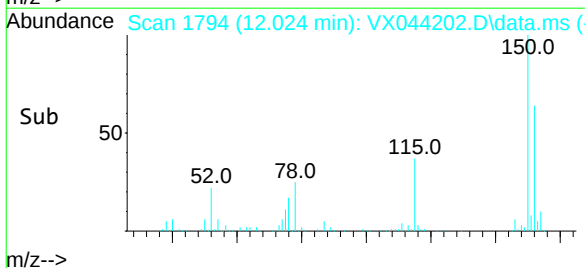
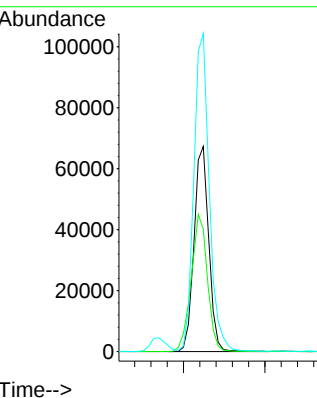
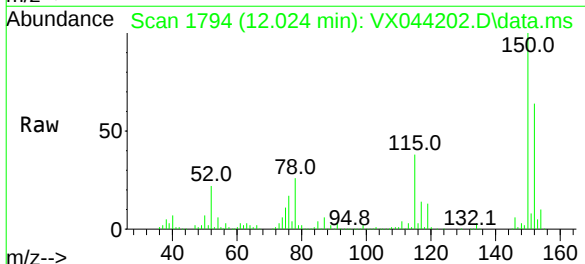
RT: 12.024 min Scan# 1794

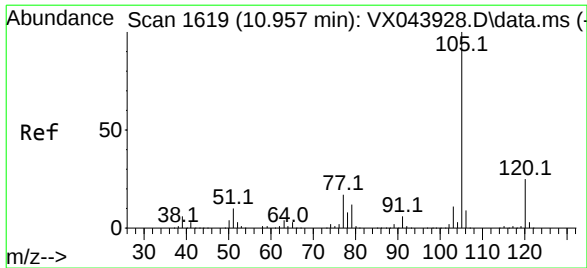
Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Tgt Ion:	152	Resp:	84444
Ion Ratio	Lower	Upper	
152	100		
115	73.7	45.4	136.2
150	162.3	0.0	353.0





#73

Isopropylbenzene

Concen: 21.803 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tgt Ion: 105 Resp: 141526

Ion Ratio Lower Upper

105 100

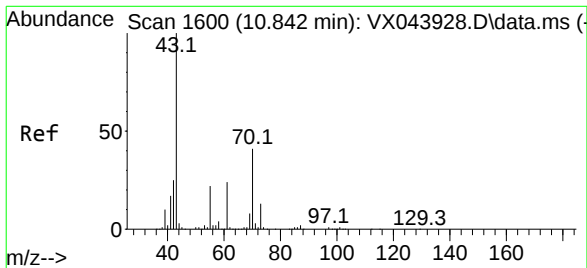
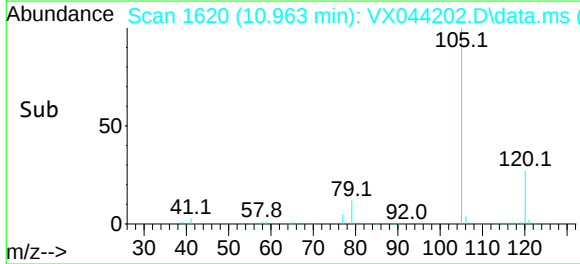
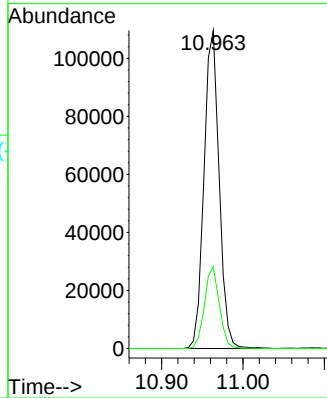
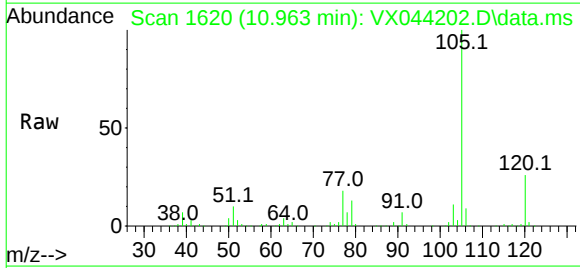
120 25.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#74

N-ethyl acetate

Concen: 21.854 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Tgt Ion: 43 Resp: 65715

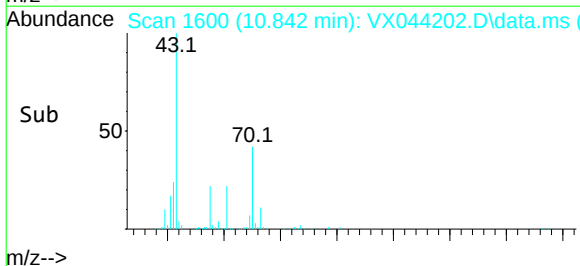
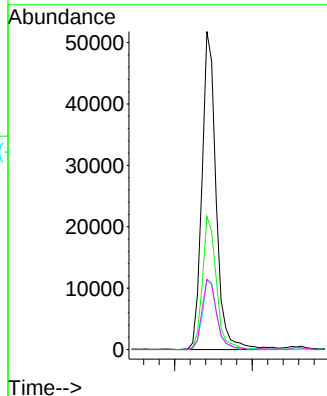
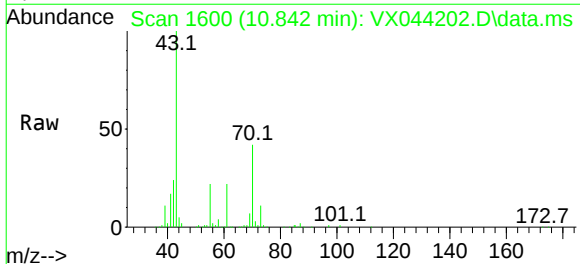
Ion Ratio Lower Upper

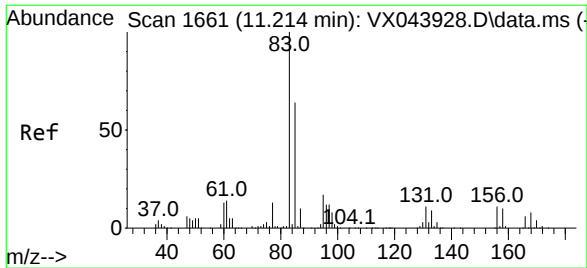
43 100

70 41.3 32.2 48.2

55 22.3 18.1 27.1

61 23.0 18.4 27.6





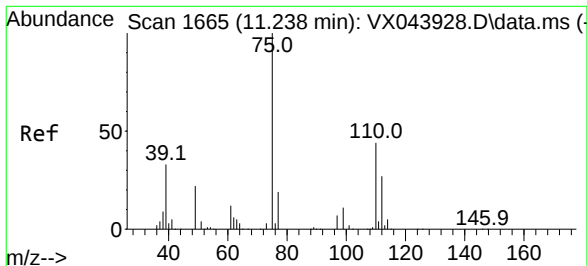
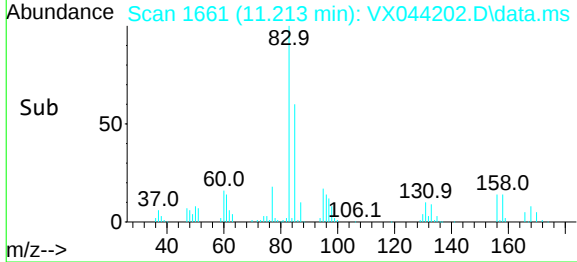
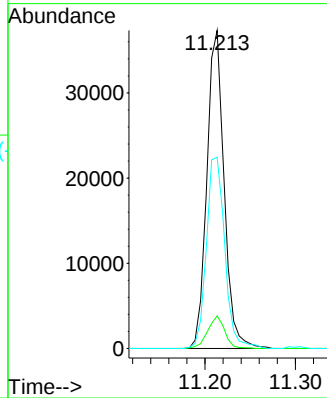
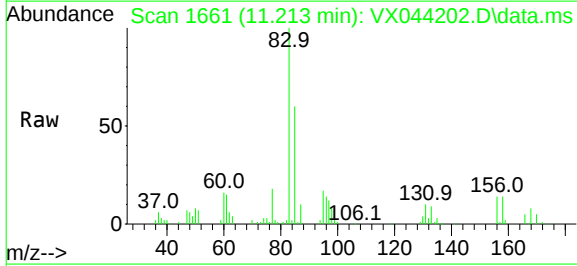
#75
1,1,2,2-Tetrachloroethane
Concen: 22.307 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.2
85	64.1	32.2	96.6

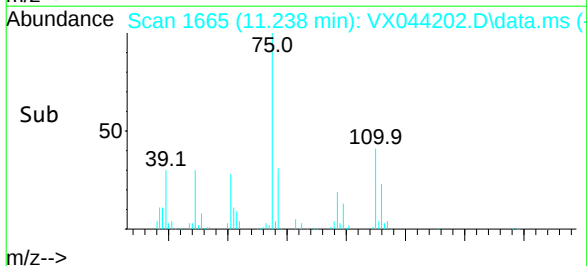
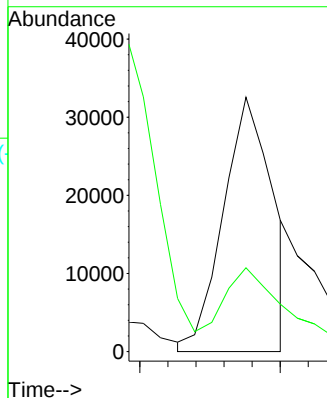
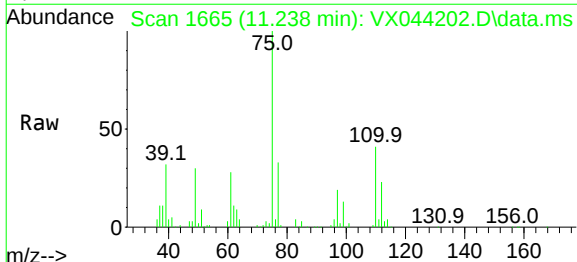
Manual Integrations
APPROVED

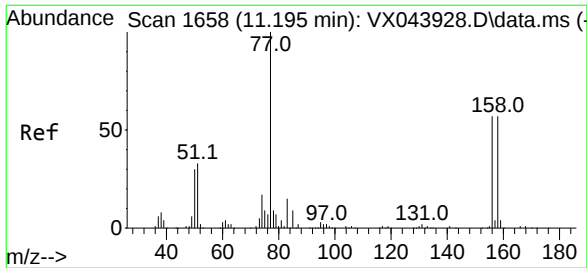
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#76
1,2,3-Trichloropropane
Concen: 21.480 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	44.7	21.8	65.3





#77

Bromobenzene

Concen: 21.175 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tgt Ion:156 Resp: 32789

Ion Ratio Lower Upper

156 100

77 163.8 83.4 250.1

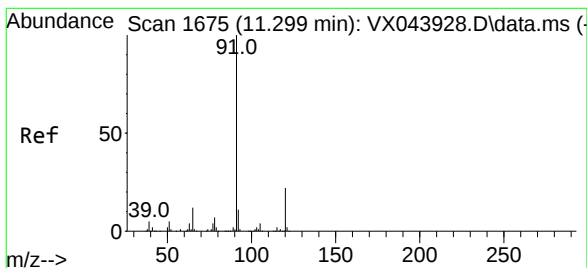
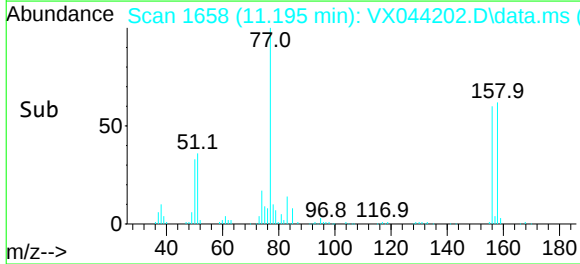
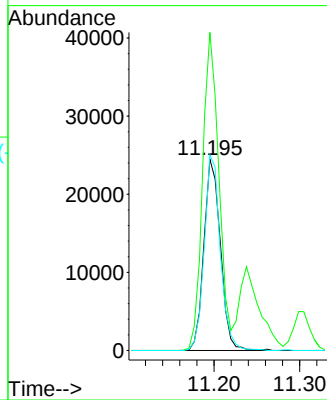
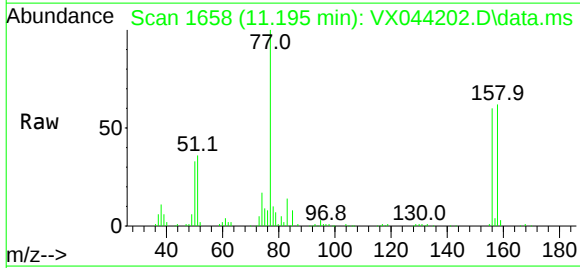
158 99.9 47.6 142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#78

n-propylbenzene

Concen: 22.065 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044202.D

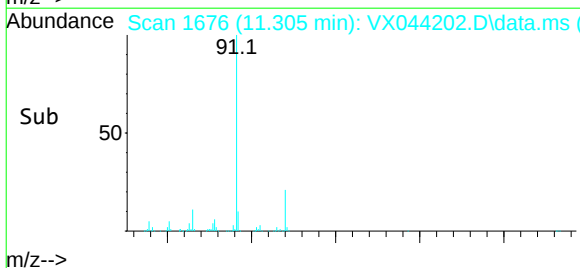
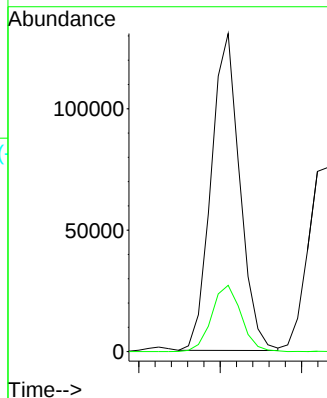
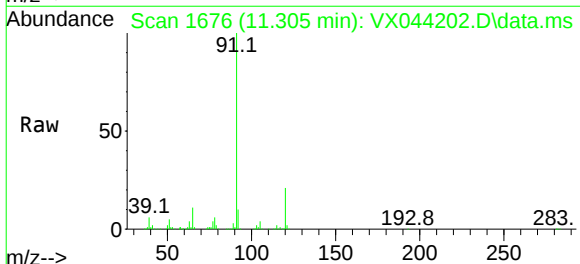
Acq: 10 Dec 2024 12:52

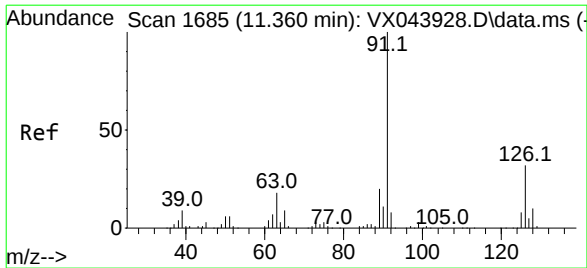
Tgt Ion: 91 Resp: 159964

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 22.019 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tgt Ion: 91 Resp: 100942

Ion Ratio Lower Upper

91 100

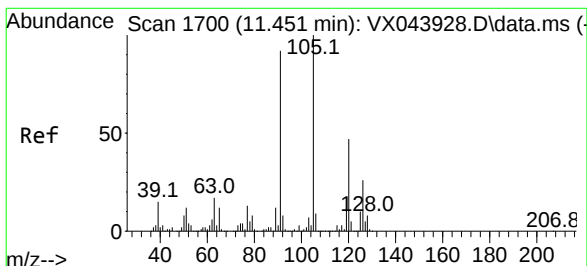
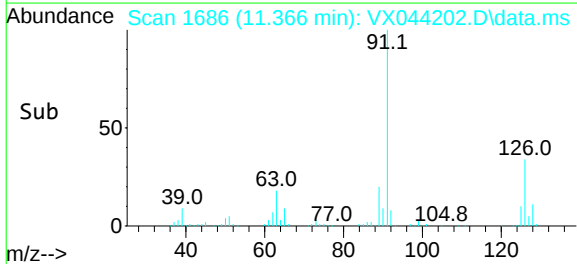
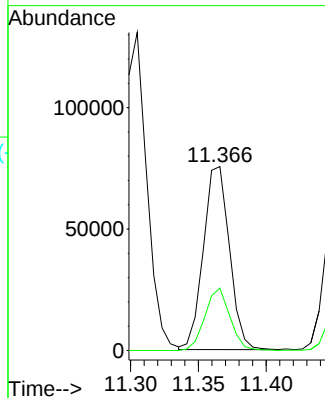
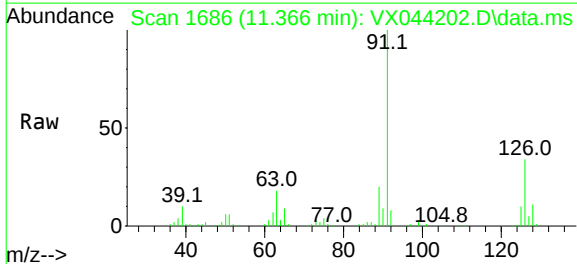
126 32.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.531 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044202.D

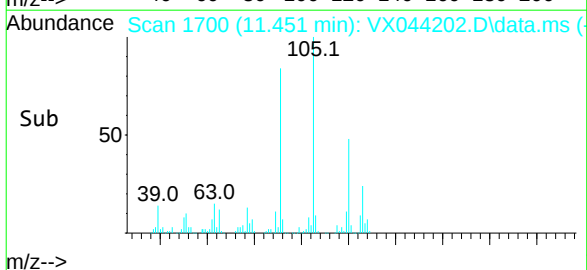
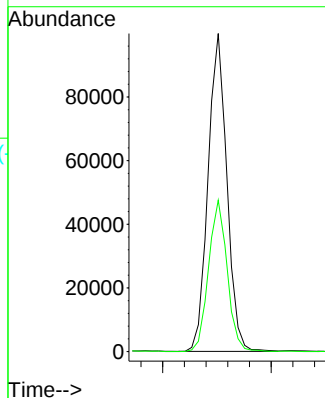
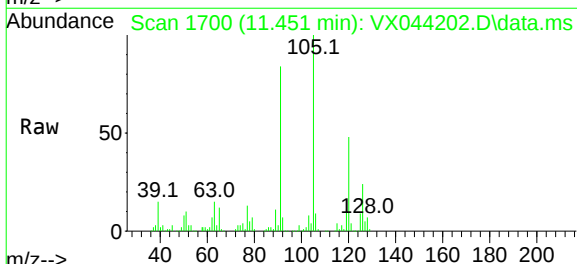
Acq: 10 Dec 2024 12:52

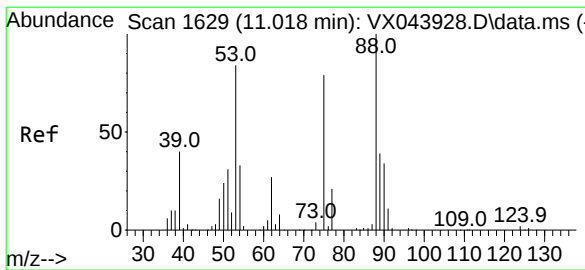
Tgt Ion:105 Resp: 120324

Ion Ratio Lower Upper

105 100

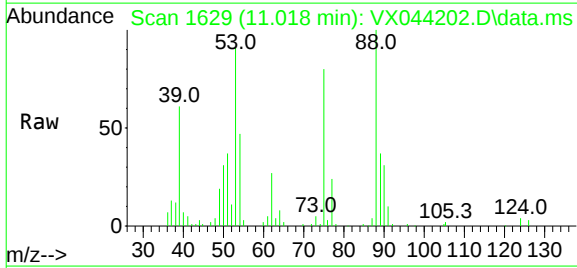
120 47.2 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.020 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

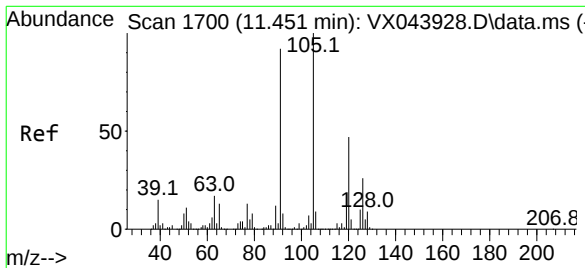
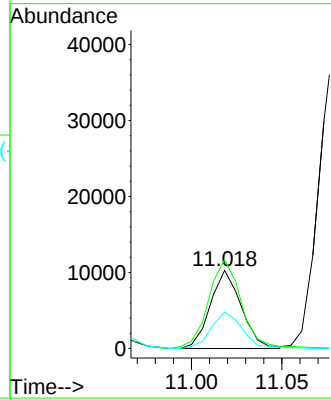
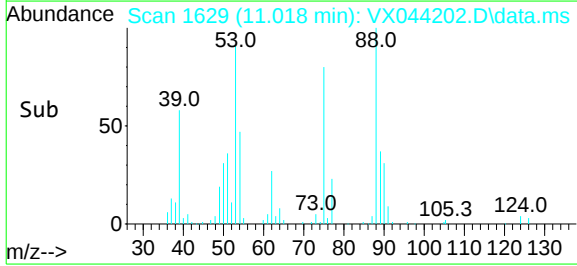
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01



Tgt Ion: 75 Resp: 12229
Ion Ratio Lower Upper
75 100
53 120.8 86.7 130.1
89 47.2 38.2 57.2

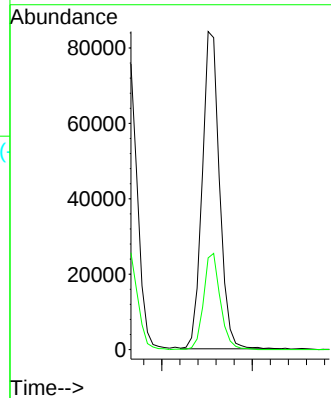
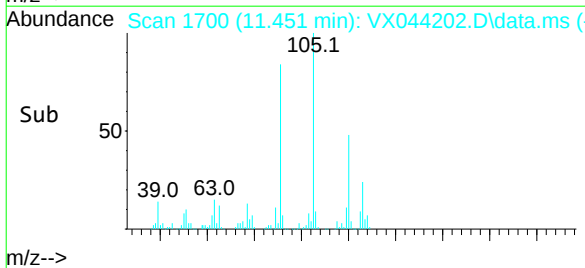
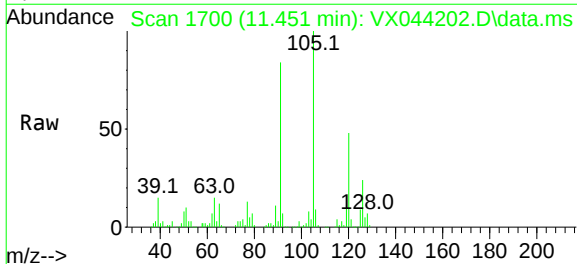
Manual Integrations
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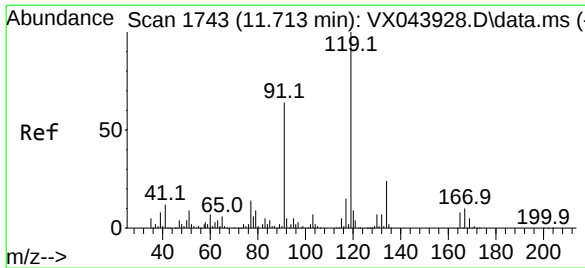
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#82
4-Chlorotoluene
Concen: 21.571 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 91 Resp: 111642
Ion Ratio Lower Upper
91 100
126 29.4 14.3 42.9





#83

tert-Butylbenzene

Concen: 21.820 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

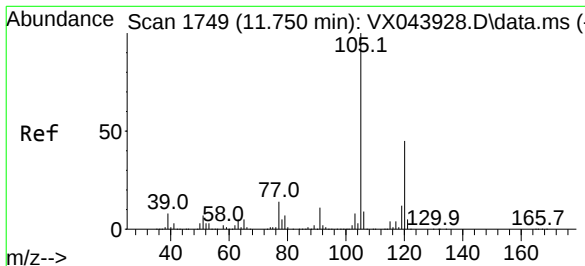
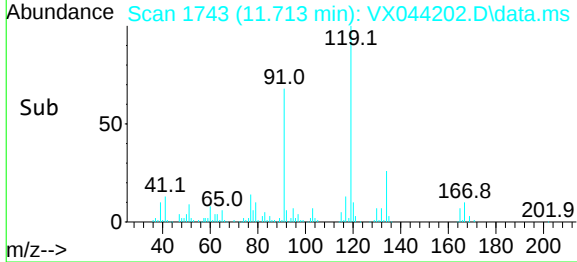
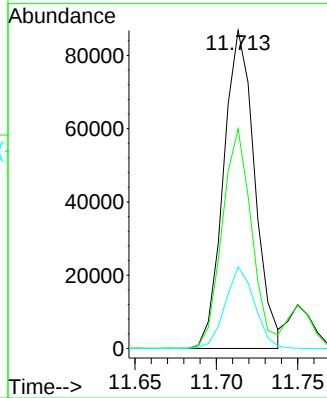
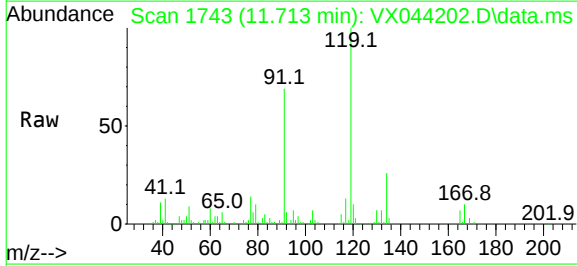
Tgt Ion:	119	Resp:	115497
Ion Ratio	Lower	Upper	
119	100		
91	65.5	31.0	93.0
134	24.2	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 22.469 ug/l

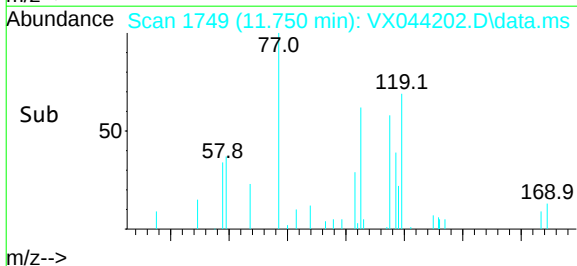
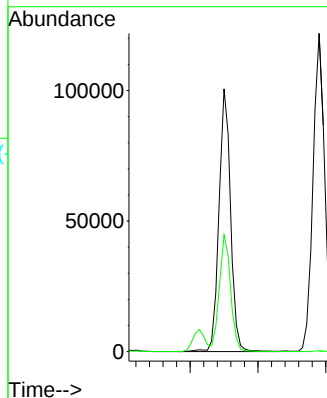
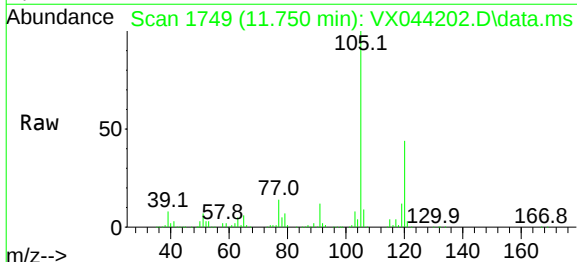
RT: 11.750 min Scan# 1749

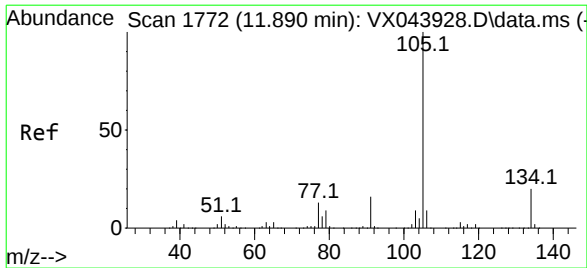
Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Tgt Ion:	105	Resp:	119462
Ion Ratio	Lower	Upper	
105	100		
120	43.1	21.9	65.7





#85

sec-Butylbenzene

Concen: 22.528 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

Tgt Ion:105 Resp: 146100

Ion Ratio Lower Upper

105 100

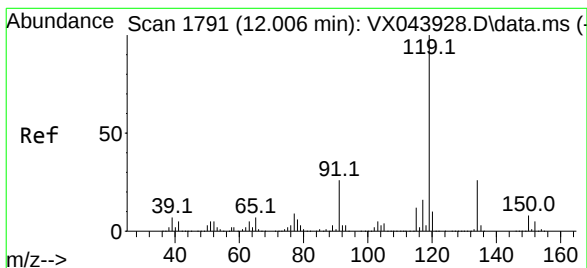
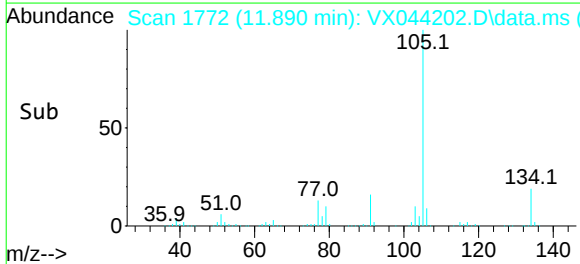
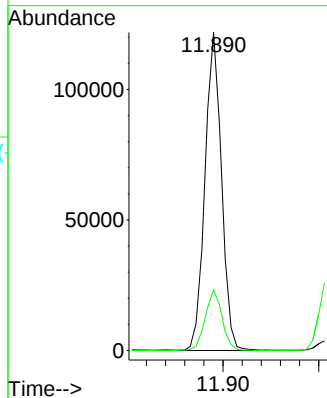
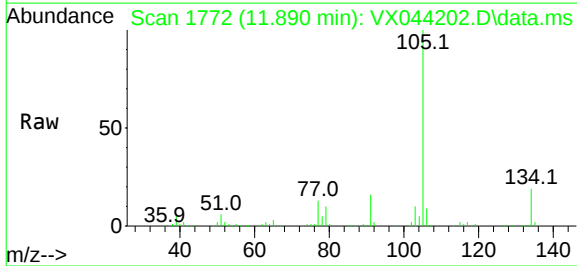
134 19.4 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#86

p-Isopropyltoluene

Concen: 22.486 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

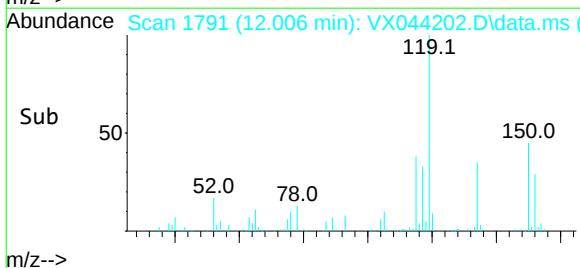
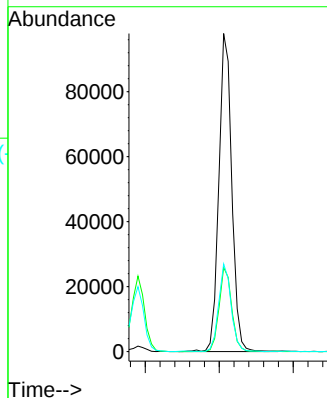
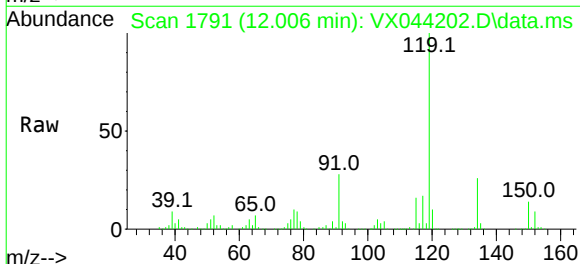
Tgt Ion:119 Resp: 118456

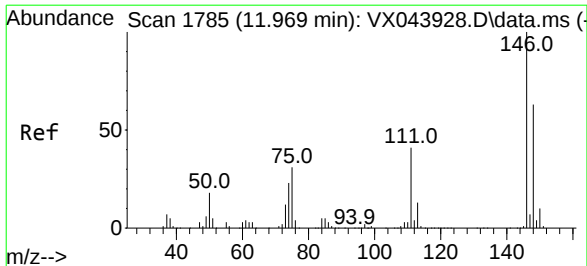
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 26.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 21.256 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

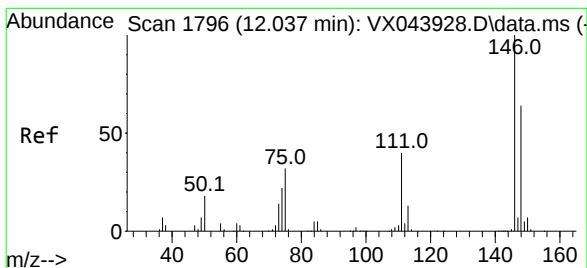
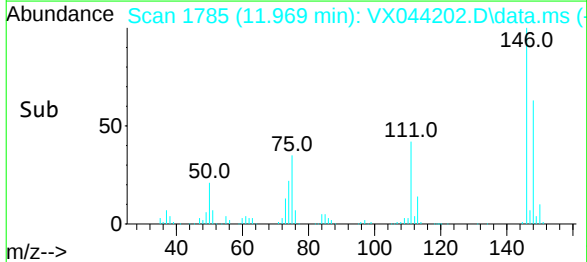
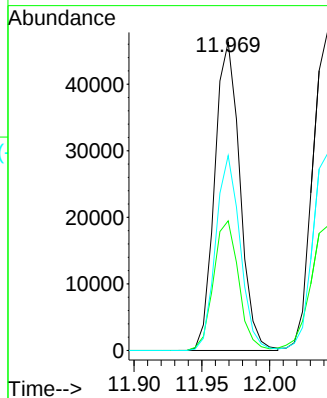
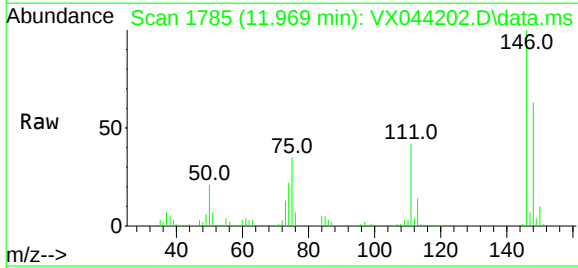
Tgt Ion:	146	Resp:	59948
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.1	63.3
148	61.4	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#88

1,4-Dichlorobenzene

Concen: 21.065 ug/l

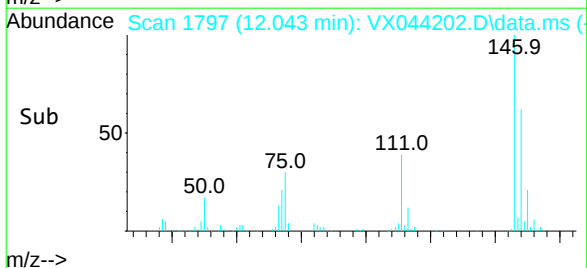
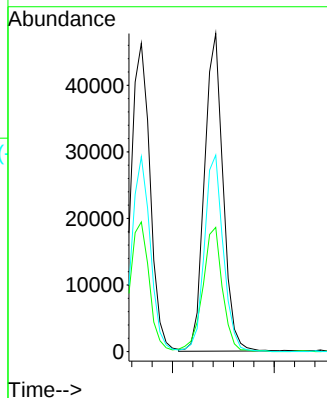
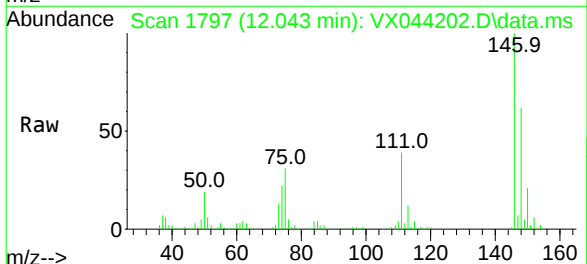
RT: 12.043 min Scan# 1797

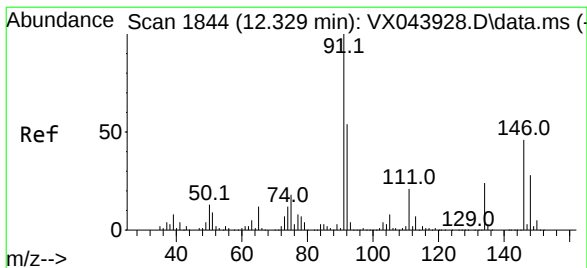
Delta R.T. 0.006 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Tgt Ion:	146	Resp:	60568
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.1	60.3
148	63.2	30.9	92.8





#89

n-Butylbenzene

Concen: 21.862 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

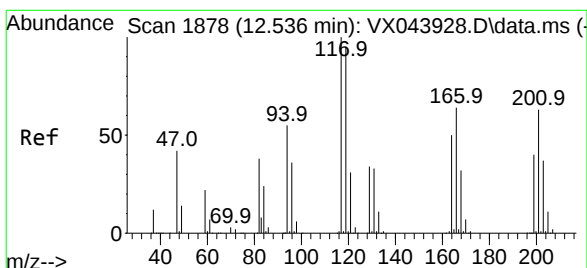
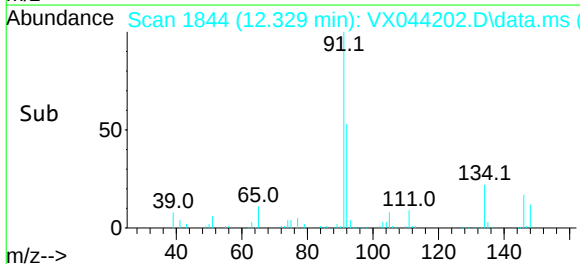
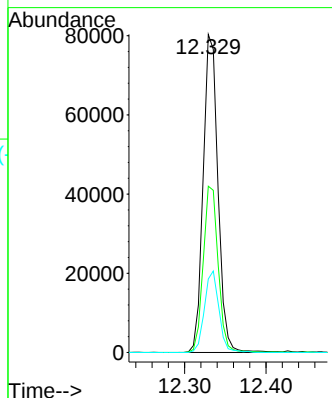
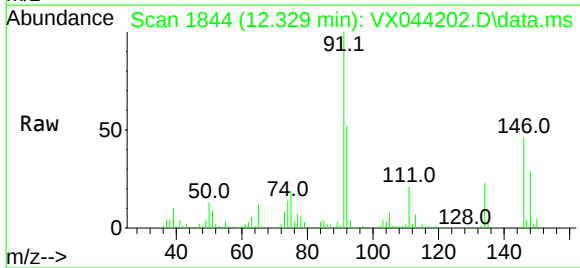
Tgt Ion:	91	Resp:	101541
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.6	79.8
134	25.1	12.4	37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#90

Hexachloroethane

Concen: 18.718 ug/l

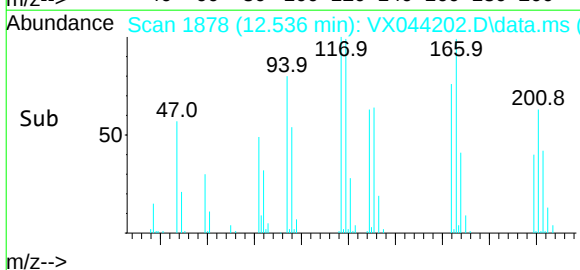
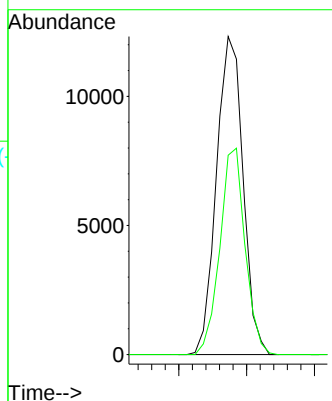
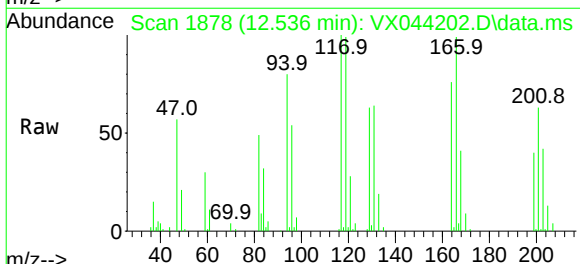
RT: 12.536 min Scan# 1878

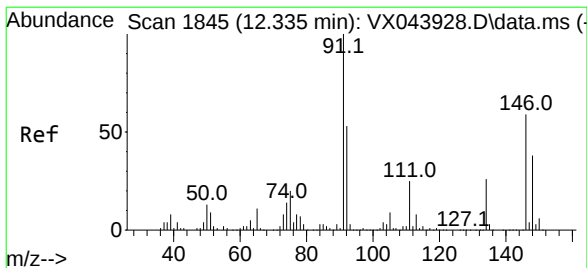
Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

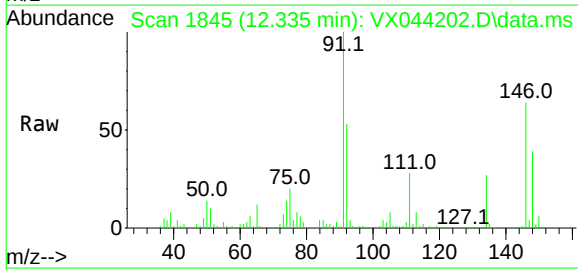
Tgt Ion:	117	Resp:	16767
Ion Ratio	Lower	Upper	
117	100		
201	61.6	32.4	97.0





#91
1,2-Dichlorobenzene
Concen: 21.457 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

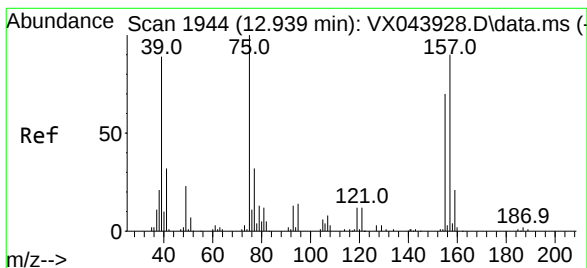
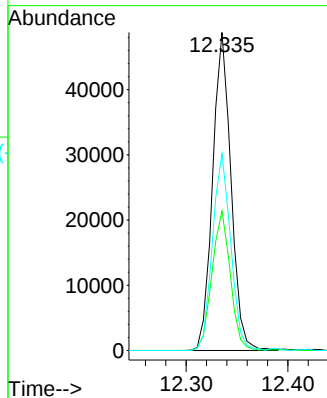
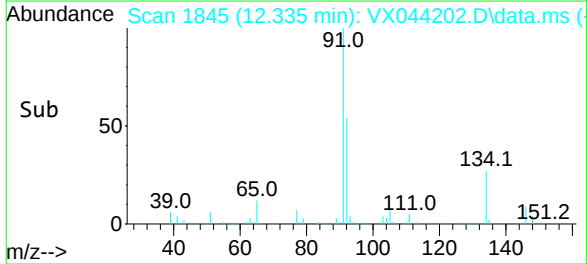
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBSD01



Tgt Ion: 146 Resp: 61069
Ion Ratio Lower Upper
146 100
111 44.1 21.5 64.5
148 61.7 31.9 95.5

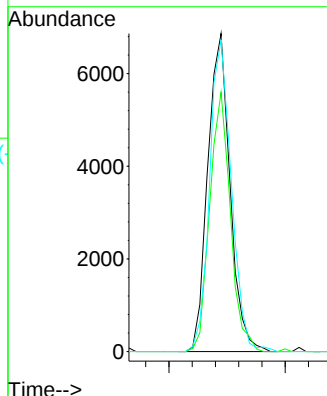
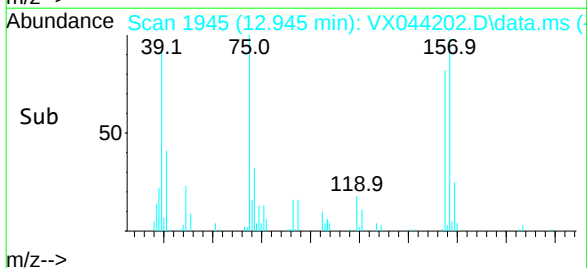
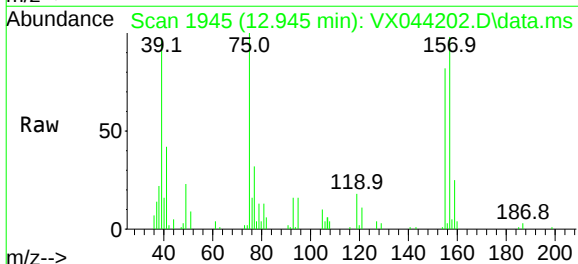
Manual Integrations
APPROVED

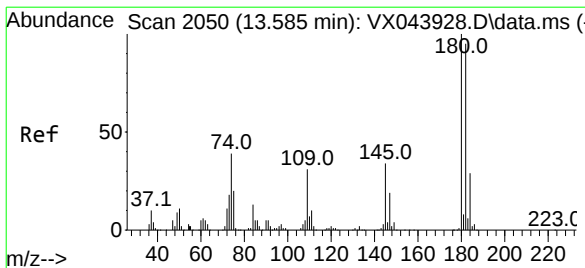
Reviewed By :John Carlone 12/11/2024
Supervised By :Mahesh Dadoda 12/11/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.483 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044202.D
Acq: 10 Dec 2024 12:52

Tgt Ion: 75 Resp: 9122
Ion Ratio Lower Upper
75 100
155 75.8 40.1 120.2
157 96.1 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 20.294 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

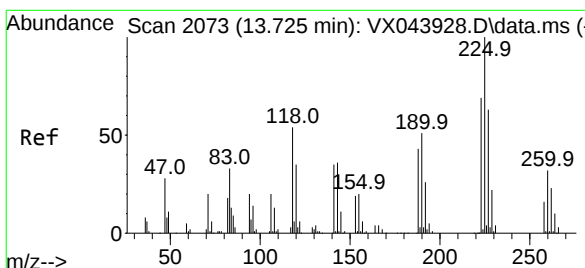
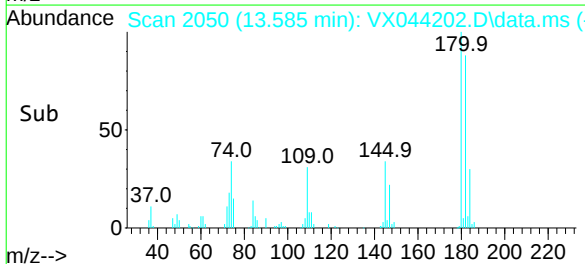
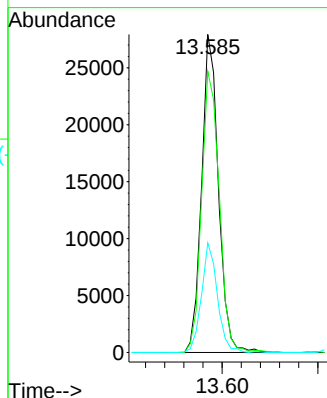
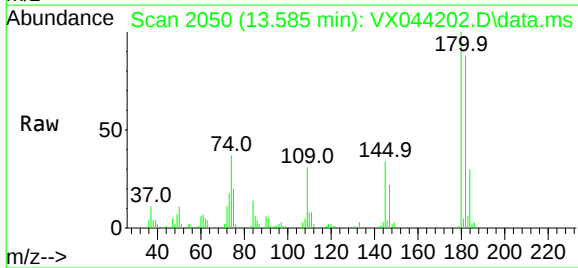
Tgt Ion:	180	Resp:	34053
Ion Ratio	Lower	Upper	
180	100		
182	92.9	48.0	144.2
145	32.6	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#94

Hexachlorobutadiene

Concen: 21.010 ug/l

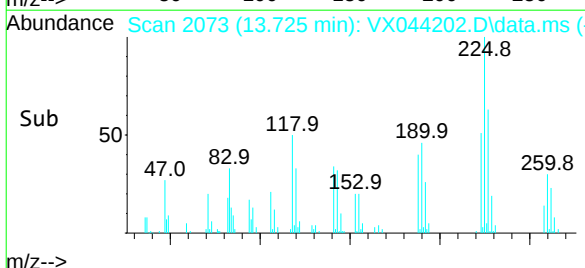
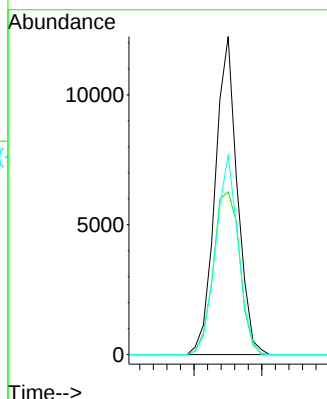
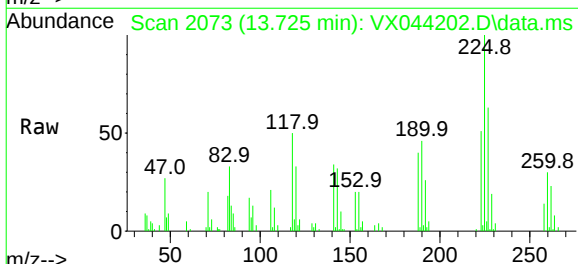
RT: 13.725 min Scan# 2073

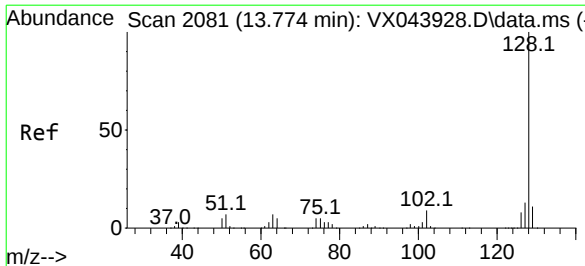
Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Tgt Ion:	225	Resp:	13933
Ion Ratio	Lower	Upper	
225	100		
223	60.9	32.9	98.6
227	63.8	31.6	94.8





#95

Naphthalene

Concen: 22.648 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBSD01

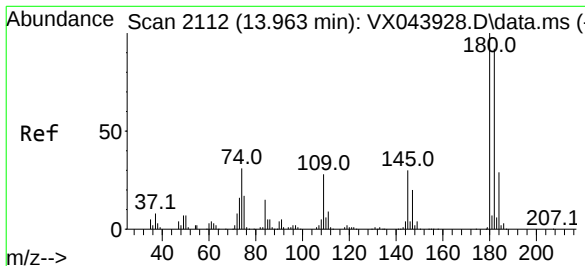
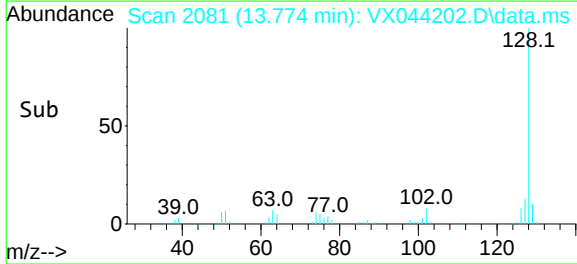
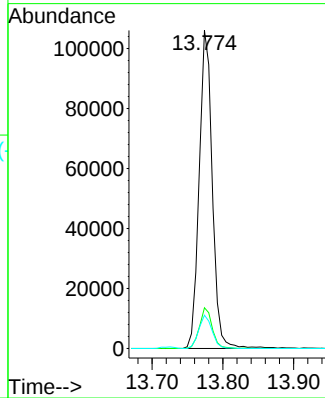
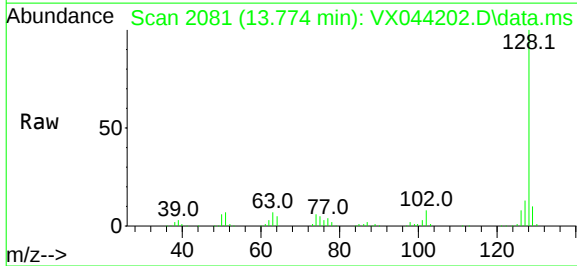
Tgt Ion:	128	Resp:	136796
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.6	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2024

Supervised By :Mahesh Dadoda 12/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 21.017 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044202.D

Acq: 10 Dec 2024 12:52

Tgt Ion:	180	Resp:	35694
Ion	Ratio	Lower	Upper
180	100		
182	95.1	45.6	136.8
145	37.6	16.4	49.4

