

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044477.D
 Acq On : 23 Dec 2024 14:06
 Operator : JC/MD
 Sample : VX1223WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS02

Quant Time: Dec 23 21:56:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	132708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	224038	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	188412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90921	39.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.160%		
35) Dibromofluoromethane	5.385	113	70872	45.675	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.340%		
50) Toluene-d8	8.647	98	245226	46.845	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.680%		
62) 4-Bromofluorobenzene	11.079	95	80642	44.086	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35098	17.104	ug/l	94
3) Chloromethane	1.294	50	34673	17.670	ug/l	100
4) Vinyl Chloride	1.374	62	33581	16.427	ug/l	98
5) Bromomethane	1.599	94	23179	15.982	ug/l	96
6) Chloroethane	1.666	64	22719	17.847	ug/l	90
7) Trichlorofluoromethane	1.873	101	51878	12.963	ug/l	97
8) Diethyl Ether	2.130	74	19971	14.619	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	27336	16.880	ug/l	95
10) Methyl Iodide	2.447	142	38531	18.052	ug/l	94
11) Tert butyl alcohol	2.989	59	25040	76.358	ug/l	97
12) 1,1-Dichloroethene	2.312	96	25702	17.279	ug/l	88
13) Acrolein	2.233	56	32876	69.258	ug/l	100
14) Allyl chloride	2.654	41	40184	16.219	ug/l	97
15) Acrylonitrile	3.062	53	69116	76.087	ug/l	98
16) Acetone	2.380	43	60209	63.471	ug/l	94
17) Carbon Disulfide	2.508	76	41355	14.626	ug/l	98
18) Methyl Acetate	2.703	43	35652	14.577	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	90341	15.563	ug/l	99
20) Methylene Chloride	2.782	84	30642	17.198	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	26093	16.505	ug/l	94
22) Diisopropyl ether	3.757	45	90256	16.177	ug/l	93
23) Vinyl Acetate	3.715	43	363772	80.199	ug/l	98
24) 1,1-Dichloroethane	3.605	63	52028	16.730	ug/l	97
25) 2-Butanone	4.562	43	92029	68.242	ug/l	96
26) 2,2-Dichloropropane	4.471	77	42702	16.902	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	32997	16.435	ug/l	96
28) Bromochloromethane	4.897	49	22353	14.658	ug/l	94
29) Tetrahydrofuran	5.001	42	58745	67.866	ug/l	98
30) Chloroform	5.086	83	56718	16.232	ug/l	96
31) Cyclohexane	5.458	56	40600	16.167	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	47761	16.467	ug/l	100
36) 1,1-Dichloropropene	5.684	75	36177	18.037	ug/l	99
37) Ethyl Acetate	4.708	43	38410	15.492	ug/l	98
38) Carbon Tetrachloride	5.665	117	35849	16.601	ug/l	96
39) Methylcyclohexane	7.372	83	44230	18.446	ug/l	96
40) Benzene	6.031	78	114610	18.820	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19597	14.885	ug/l	92
42) 1,2-Dichloroethane	6.080	62	44902	17.899	ug/l	98
43) Isopropyl Acetate	6.342	43	62949	16.244	ug/l	99
44) Trichloroethene	7.116	130	29473	19.408	ug/l	95
45) 1,2-Dichloropropane	7.427	63	28265	18.167	ug/l	97
46) Dibromomethane	7.580	93	20988	17.388	ug/l	91
47) Bromodichloromethane	7.818	83	35873	17.209	ug/l	98
48) Methyl methacrylate	7.690	41	29948	15.920	ug/l	96
49) 1,4-Dioxane	7.671	88	9300	298.190	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	189522	76.063	ug/l	99
52) Toluene	8.714	92	70540	18.446	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	35559	17.112	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	40760	17.958	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	28849	18.989	ug/l	96
56) Ethyl methacrylate	9.116	69	40823	17.021	ug/l	95
57) 1,3-Dichloropropane	9.305	76	48145	18.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	86326	71.362	ug/l	99
59) 2-Hexanone	9.433	43	136667	75.778	ug/l	100
60) Dibromochloromethane	9.518	129	24557	16.581	ug/l	96
61) 1,2-Dibromoethane	9.610	107	29424	19.027	ug/l	95
64) Tetrachloroethene	9.269	164	25600	20.471	ug/l	97
65) Chlorobenzene	10.079	112	76936	19.057	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	24341	18.760	ug/l	98
67) Ethyl Benzene	10.189	91	130434	18.698	ug/l	94
68) m/p-Xylenes	10.299	106	99488	38.868	ug/l	94
69) o-Xylene	10.640	106	49182	18.990	ug/l	94
70) Styrene	10.652	104	79223	19.082	ug/l	96
71) Bromoform	10.799	173	14161	17.604	ug/l #	98
73) Isopropylbenzene	10.963	105	124350	18.482	ug/l	99
74) N-amyl acetate	10.841	43	47819	15.378	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	41632	17.815	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	32907m	16.769	ug/l	
77) Bromobenzene	11.195	156	31946	19.580	ug/l	93
78) n-propylbenzene	11.299	91	136117	18.304	ug/l	97
79) 2-Chlorotoluene	11.360	91	86396	17.964	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	104469	18.723	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8957	17.199	ug/l	93
82) 4-Chlorotoluene	11.451	91	99013	18.591	ug/l	99
83) tert-Butylbenzene	11.713	119	101854	18.471	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	105424	19.239	ug/l	99
85) sec-Butylbenzene	11.890	105	124128	18.543	ug/l	100
86) p-Isopropyltoluene	12.006	119	103419	18.562	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	53968	18.936	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	56577	19.312	ug/l	97
89) n-Butylbenzene	12.329	91	83365	17.794	ug/l	99
90) Hexachloroethane	12.536	117	13814	16.985	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	58131	19.644	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6202	13.671	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	31237	19.254	ug/l	95
94) Hexachlorobutadiene	13.719	225	12985	19.898	ug/l	98
95) Naphthalene	13.774	128	101125	15.969	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	32210	18.718	ug/l	99

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

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

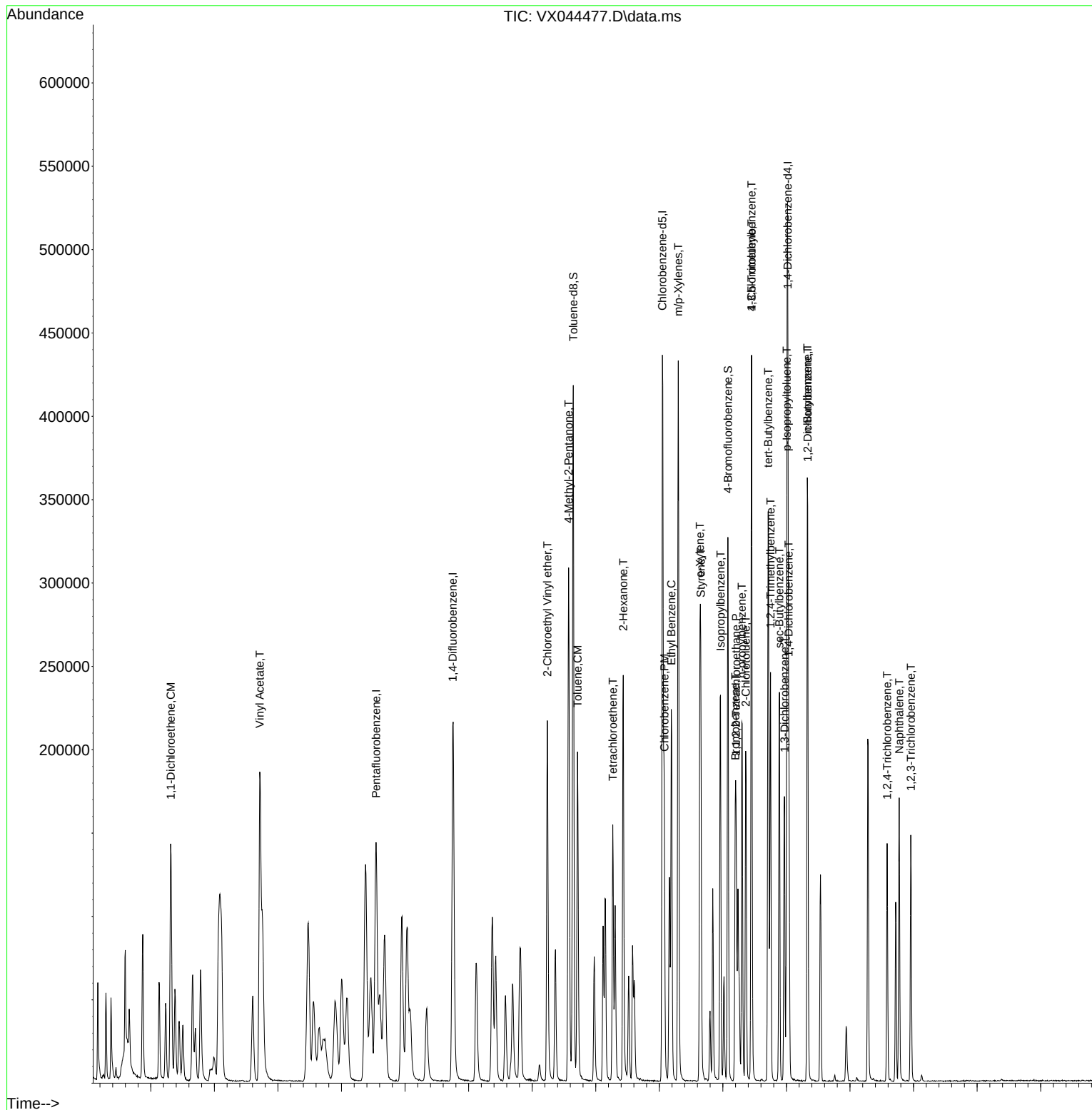
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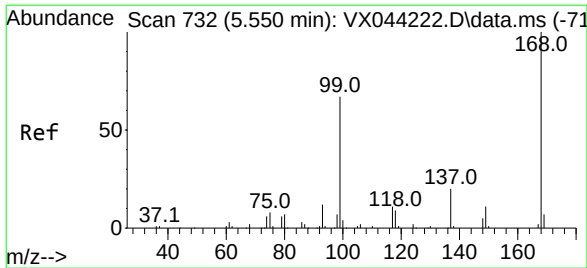
Instrument :
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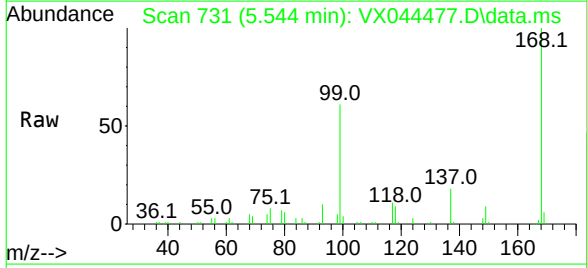
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

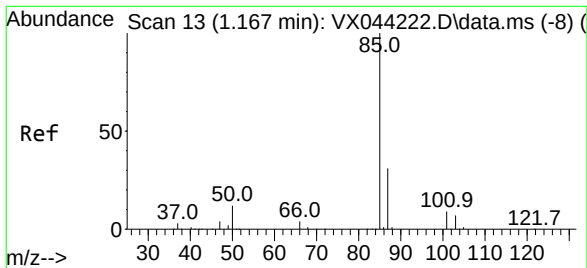
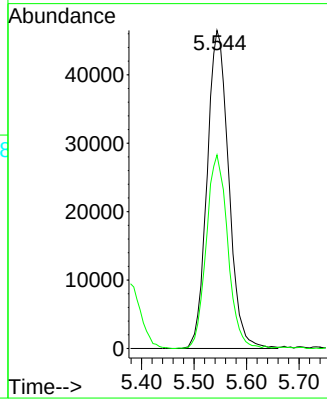
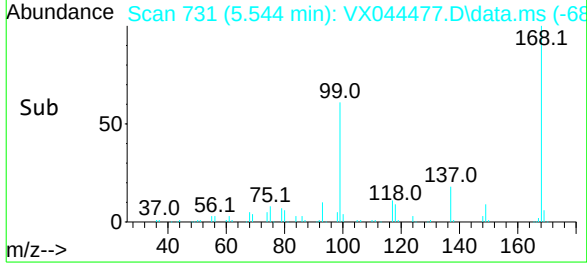
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



Tgt Ion: 168 Resp: 132708
Ion Ratio Lower Upper
168 100
99 60.7 53.4 80.0

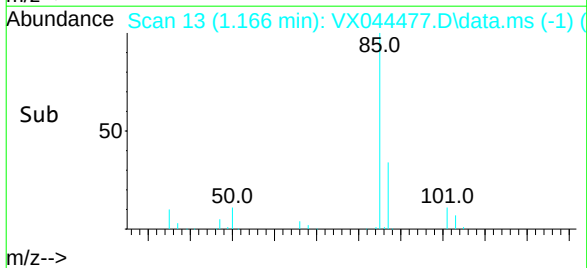
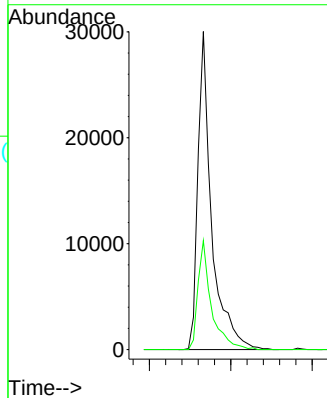
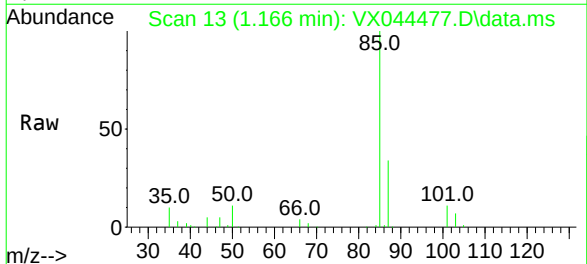
Manual Integrations
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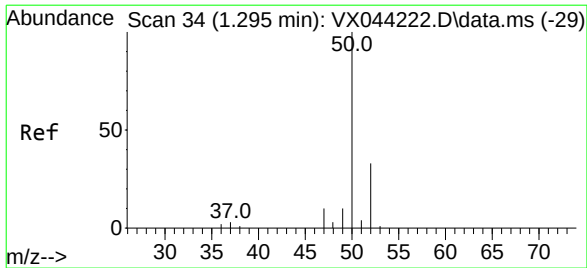
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#2
Dichlorodifluoromethane
Concen: 17.104 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

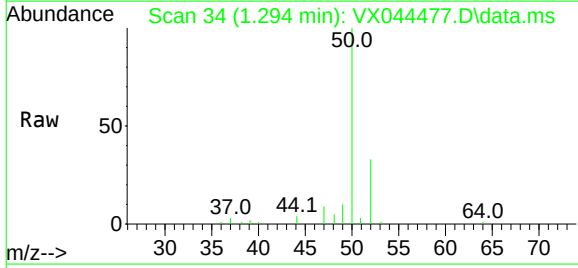
Tgt Ion: 85 Resp: 35098
Ion Ratio Lower Upper
85 100
87 34.3 15.4 46.4





#3
Chloromethane
Concen: 17.670 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

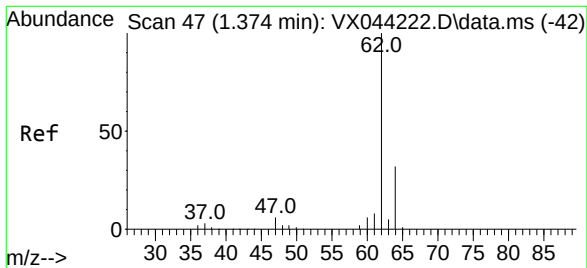
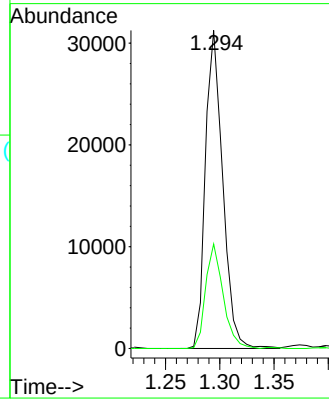
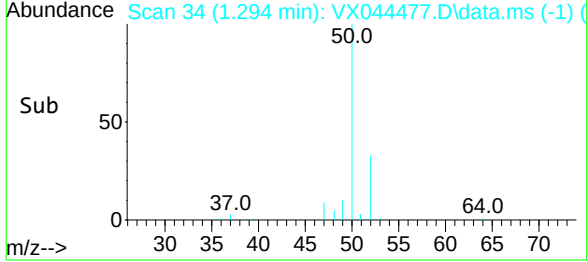
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 34673
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

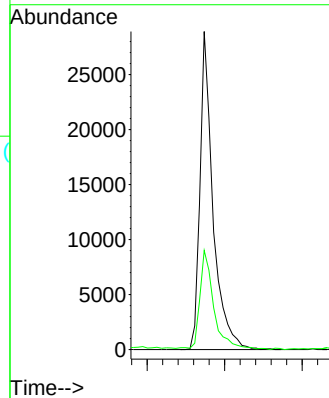
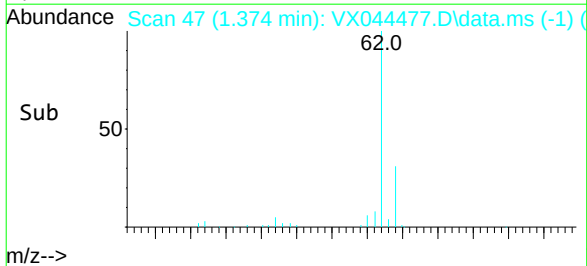
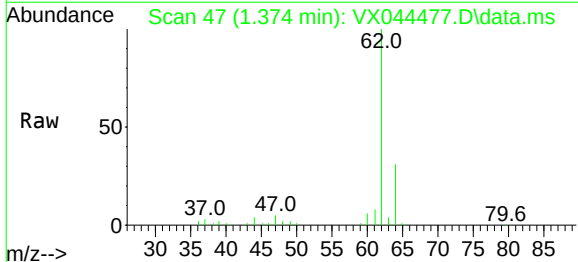
Manual Integrations
APPROVED

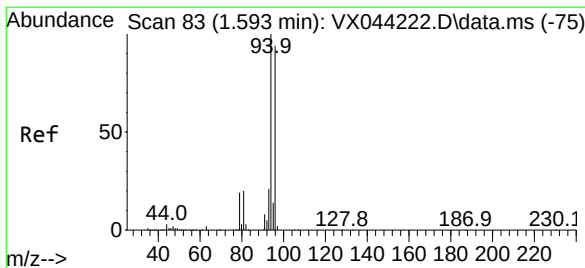
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#4
Vinyl Chloride
Concen: 16.427 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

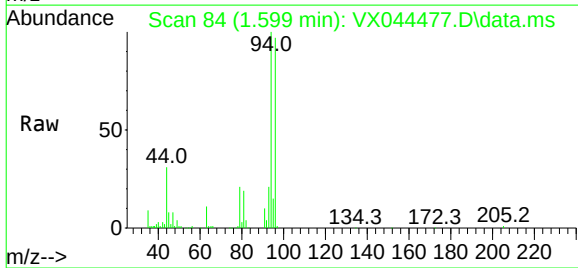
Tgt Ion: 62 Resp: 33581
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5





#5
Bromomethane
Concen: 15.982 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

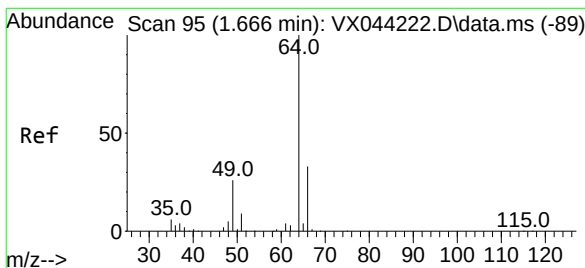
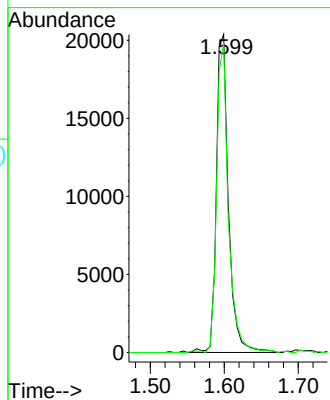
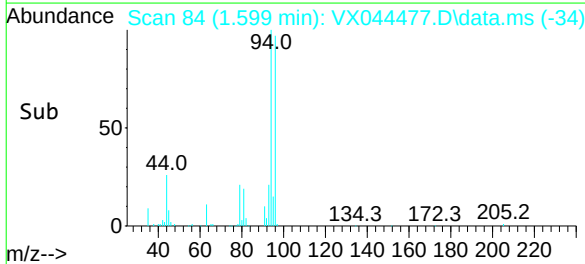
Instrument :
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Tgt Ion: 94 Resp: 23179
Ion Ratio Lower Upper
94 100
96 97.3 74.9 112.3

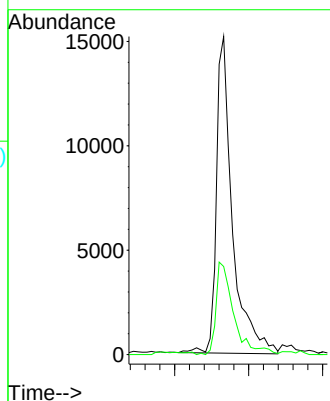
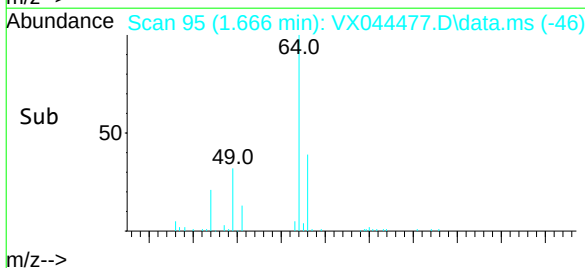
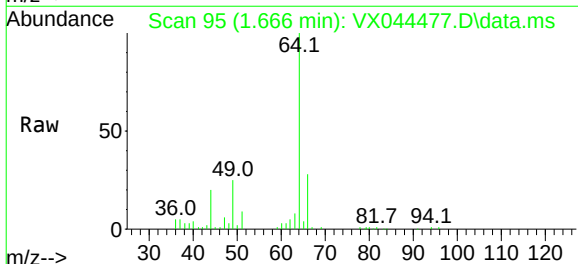
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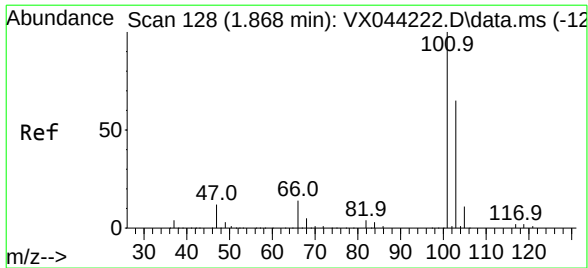
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#6
Chloroethane
Concen: 17.847 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

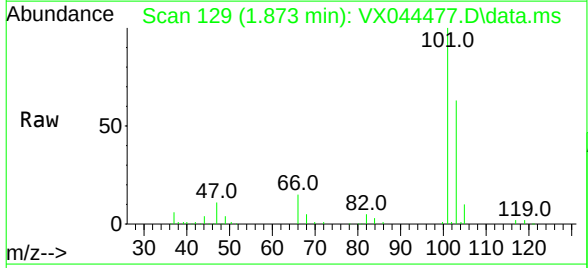
Tgt Ion: 64 Resp: 22719
Ion Ratio Lower Upper
64 100
66 27.5 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 12.963 ug/l
 RT: 1.873 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VX044477.D
 Acq: 23 Dec 2024 14:06

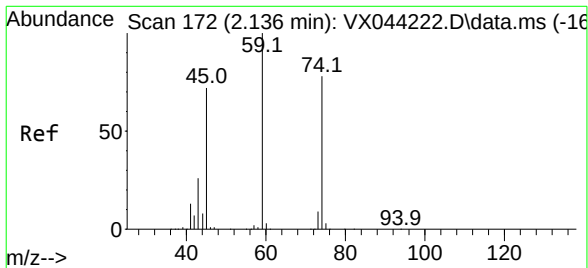
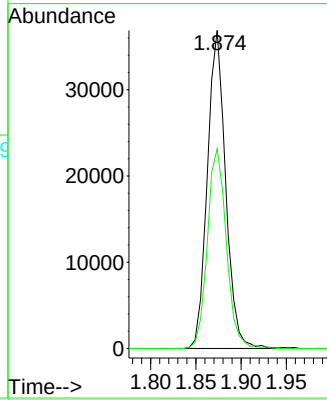
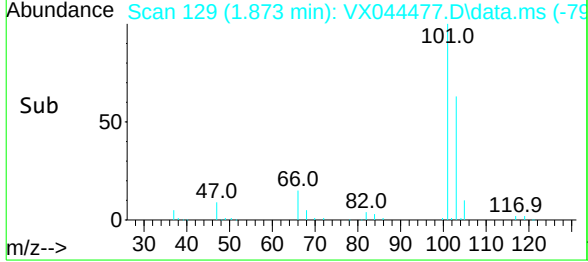
Instrument :
 MSVOA_X
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Tgt Ion: 101 Resp: 51878
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.8 77.8

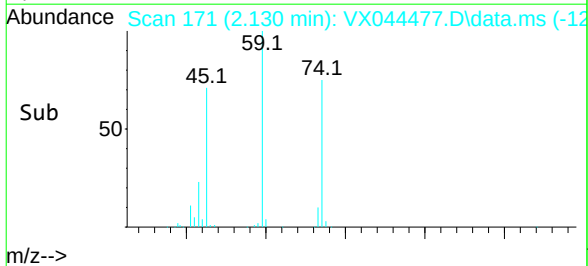
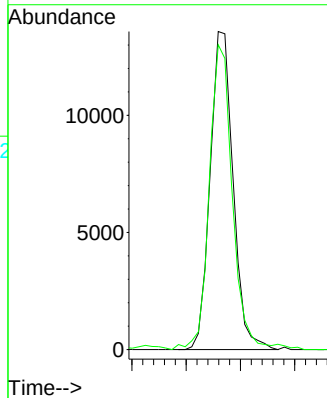
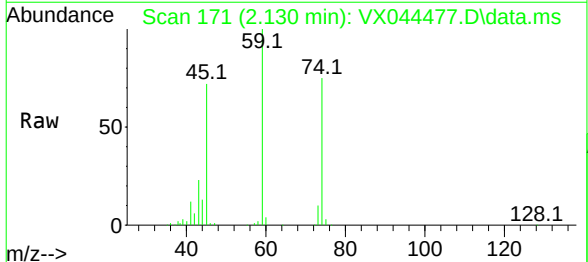
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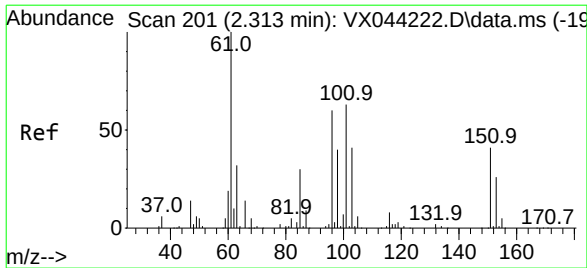
Reviewed By : John Carlone 12/26/2024
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#8
 Diethyl Ether
 Concen: 14.619 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044477.D
 Acq: 23 Dec 2024 14:06

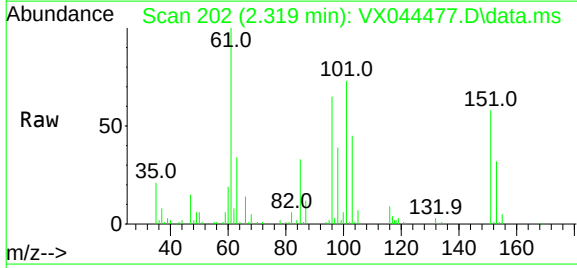
Tgt Ion: 74 Resp: 19971
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.880 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

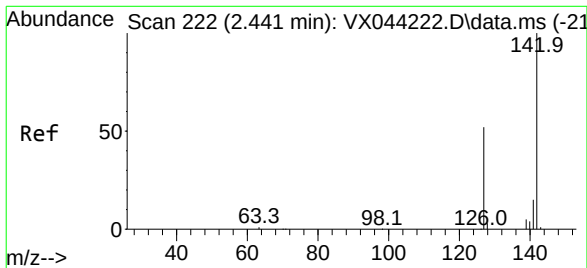
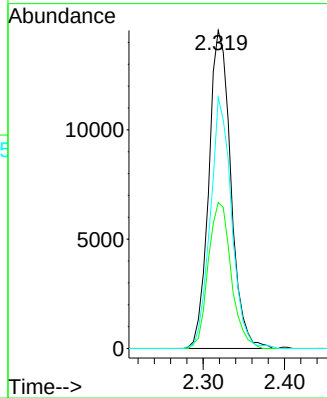
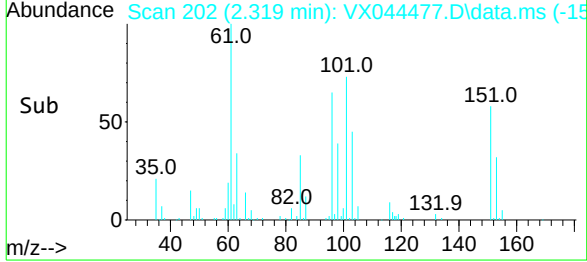
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



Tgt Ion:101 Resp: 27336
Ion Ratio Lower Upper
101 100
85 47.7 38.5 57.7
151 76.6 55.8 83.6

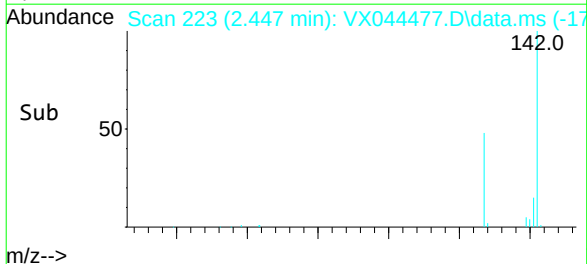
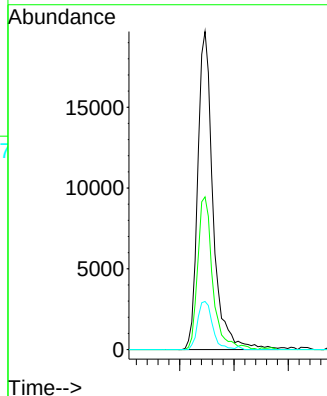
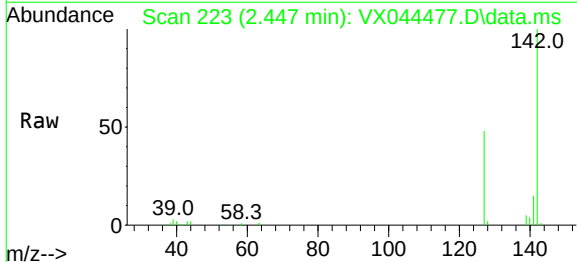
Manual Integrations
APPROVED

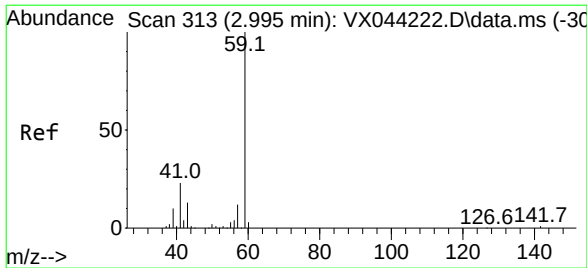
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#10
Methyl Iodide
Concen: 18.052 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion:142 Resp: 38531
Ion Ratio Lower Upper
142 100
127 47.2 41.8 62.8
141 14.7 11.5 17.3





#11

Tert butyl alcohol

Concen: 76.358 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

Tgt Ion: 59 Resp: 25040

Ion Ratio Lower Upper

59 100

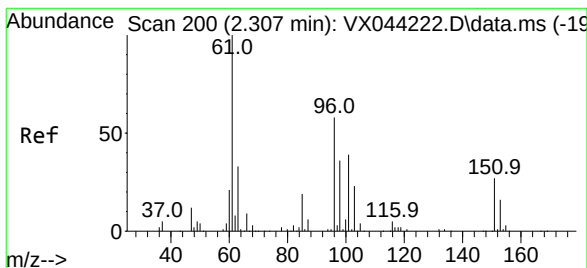
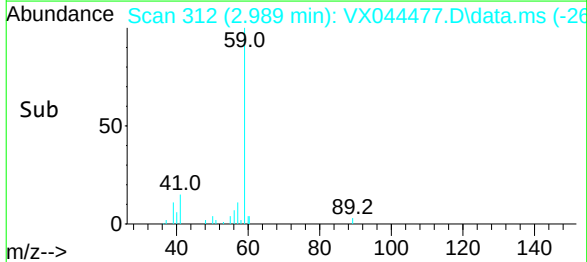
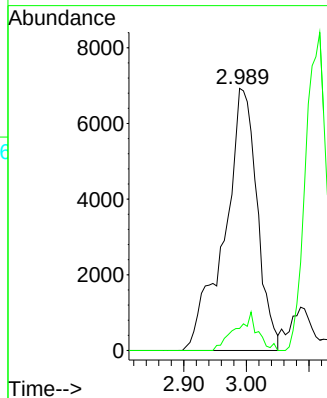
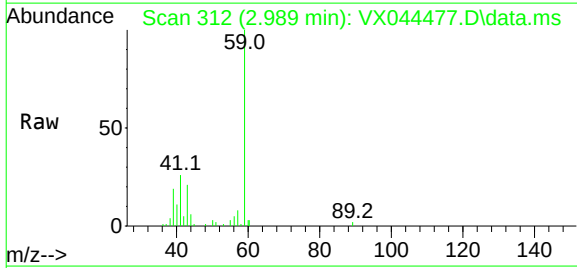
57 9.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#12

1,1-Dichloroethene

Concen: 17.279 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

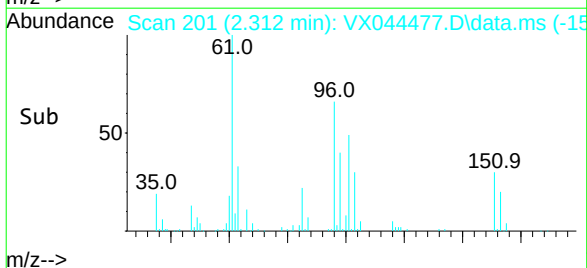
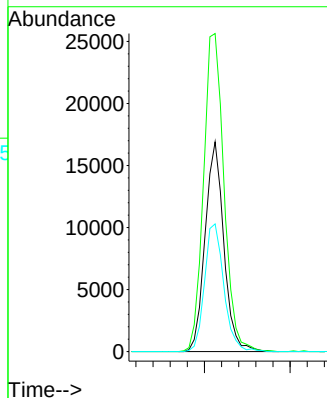
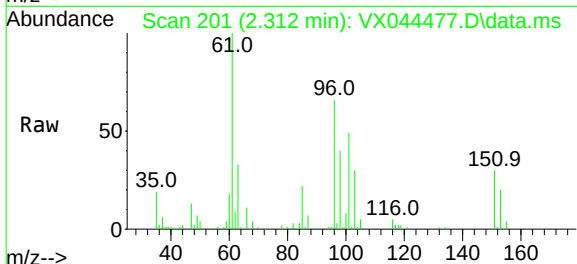
Tgt Ion: 96 Resp: 25702

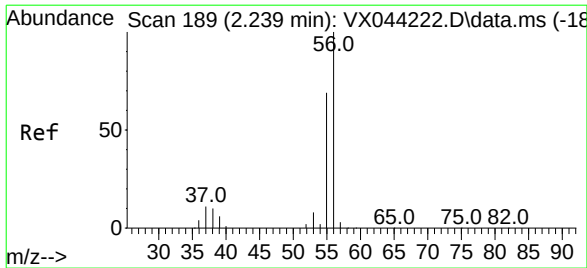
Ion Ratio Lower Upper

96 100

61 151.6 138.0 207.0

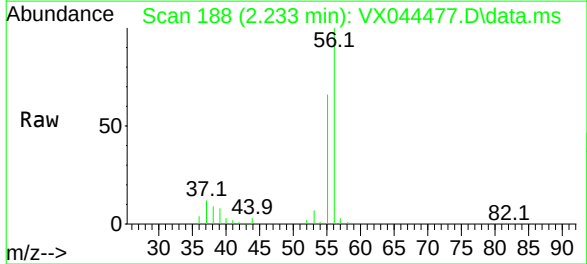
98 60.9 50.0 75.0





#13
Acrolein
Concen: 69.258 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

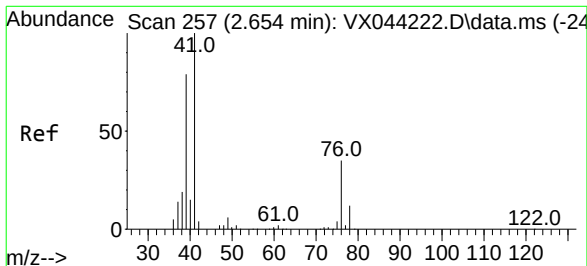
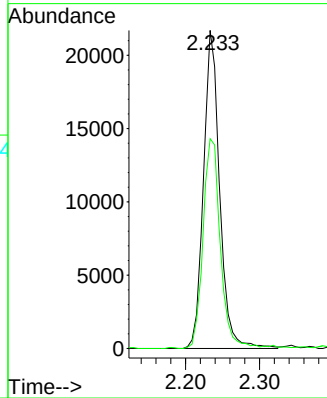
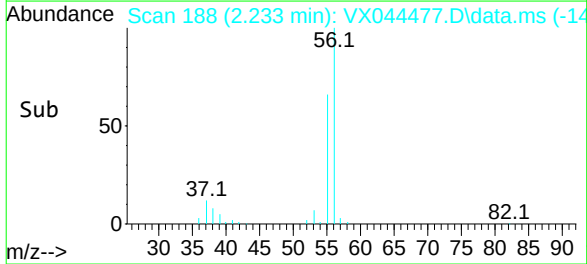
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



Tgt Ion: 56 Resp: 32876
Ion Ratio Lower Upper
56 100
55 70.4 56.6 84.8

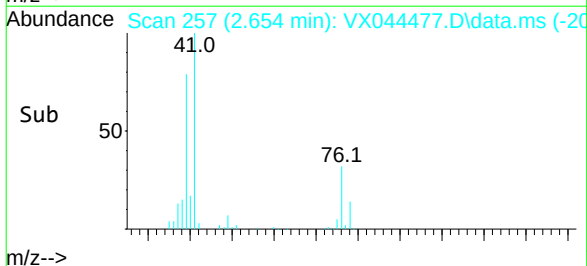
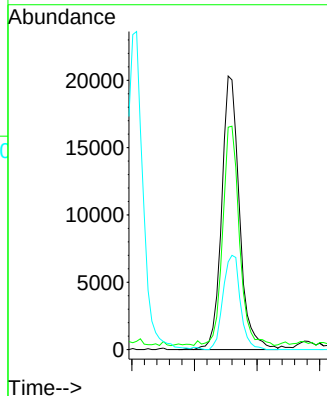
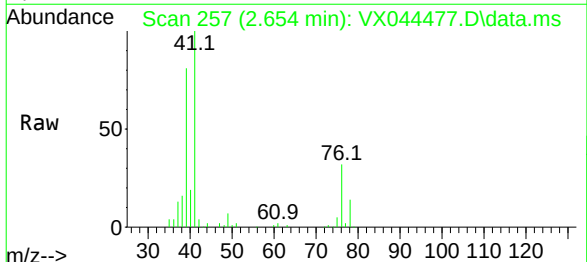
Manual Integrations
APPROVED

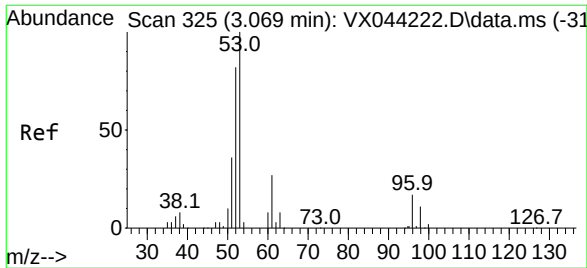
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#14
Allyl chloride
Concen: 16.219 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion: 41 Resp: 40184
Ion Ratio Lower Upper
41 100
39 74.4 61.9 92.9
76 33.4 27.4 41.2





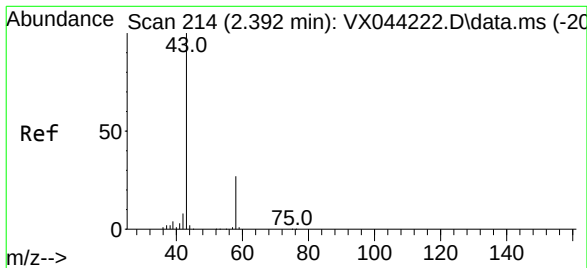
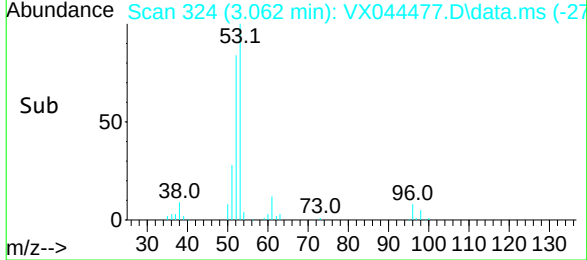
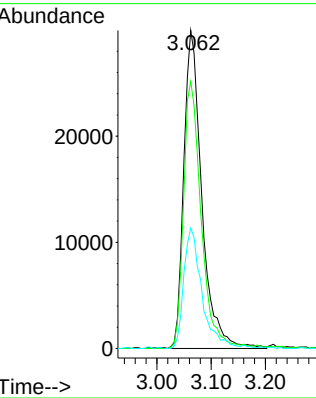
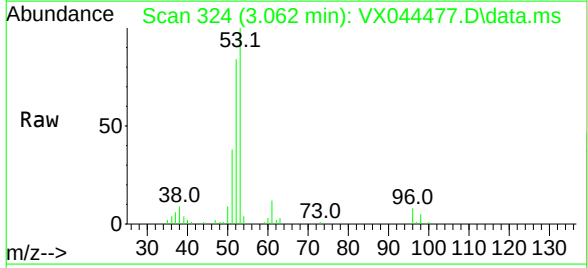
#15
Acrylonitrile
Concen: 76.087 ug/l
RT: 3.062 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion: 53 Resp: 69116
Ion Ratio Lower Upper
53 100
52 82.2 67.4 101.0
51 38.1 30.3 45.5

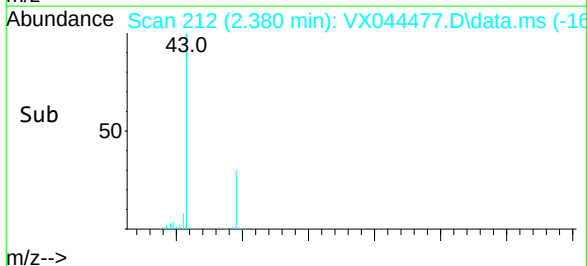
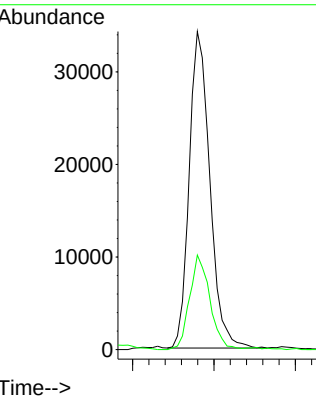
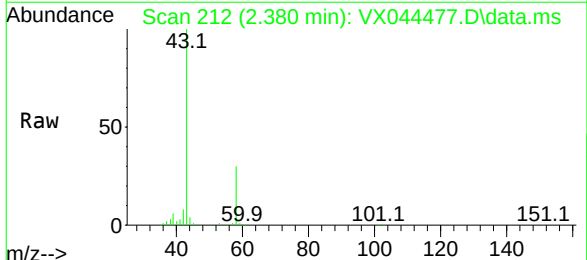
Manual Integrations
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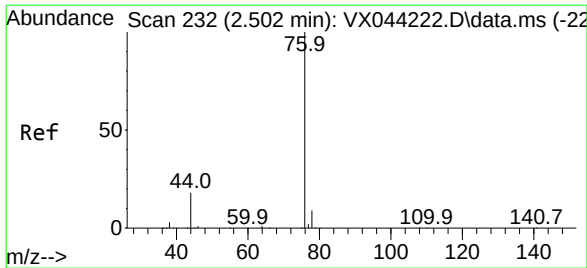
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 63.471 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion: 43 Resp: 60209
Ion Ratio Lower Upper
43 100
58 29.9 21.6 32.4





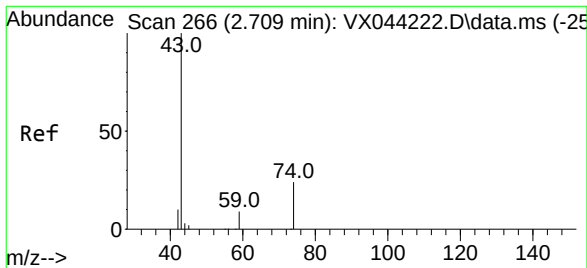
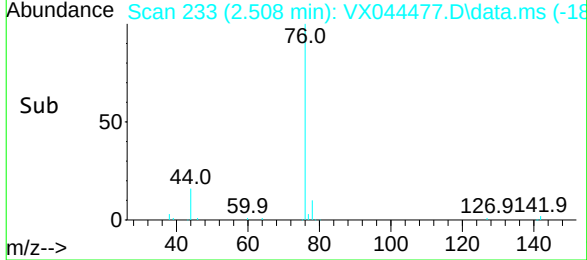
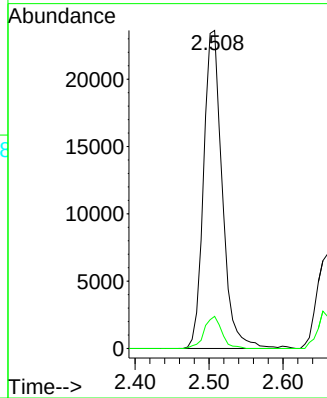
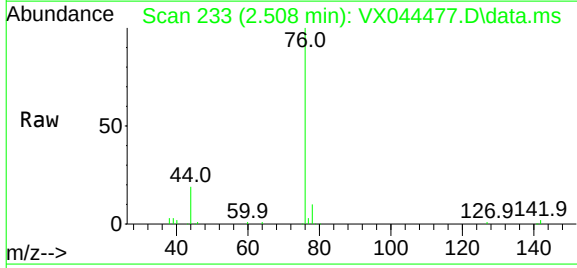
#17
Carbon Disulfide
Concen: 14.626 ug/l
RT: 2.508 min Scan# 23
Delta R.T. 0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion: 76 Resp: 41355
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

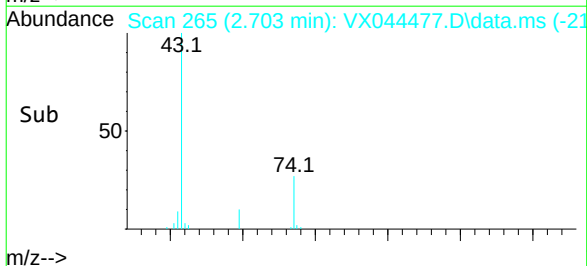
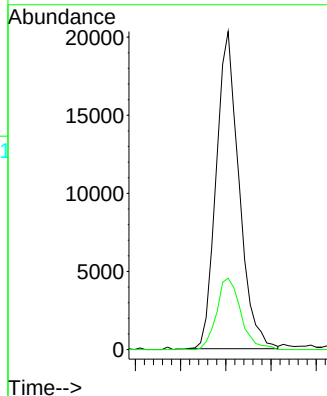
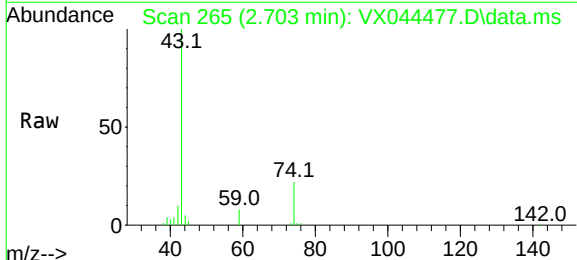
Manual Integrations
APPROVED

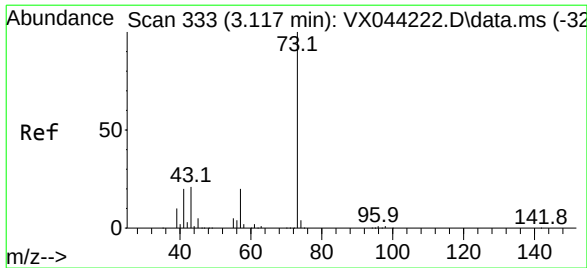
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 14.577 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

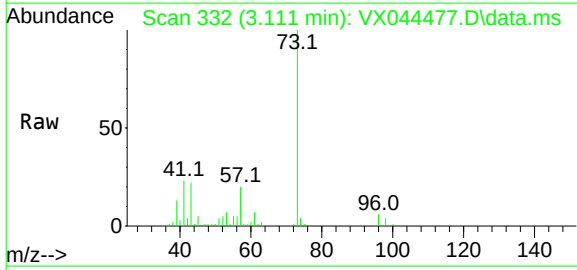
Tgt Ion: 43 Resp: 35652
Ion Ratio Lower Upper
43 100
74 23.9 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 15.563 ug/l
RT: 3.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

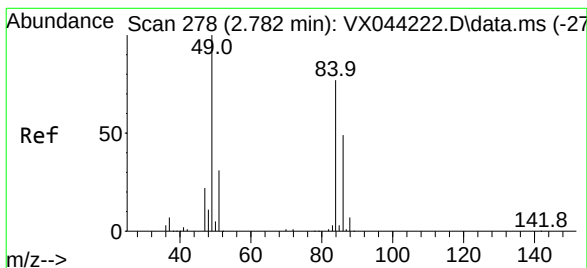
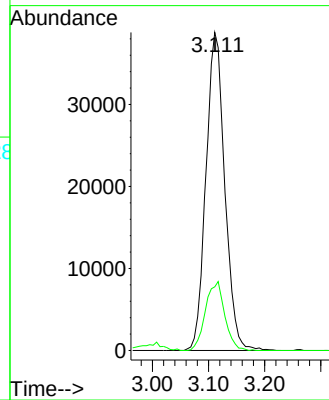
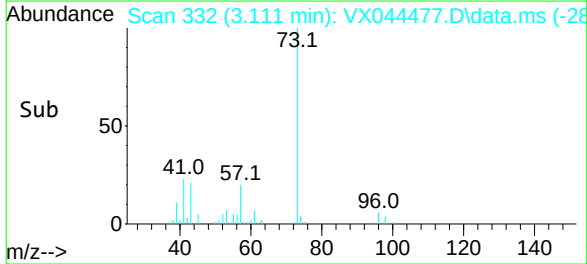
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



Tgt Ion: 73 Resp: 90341
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.4

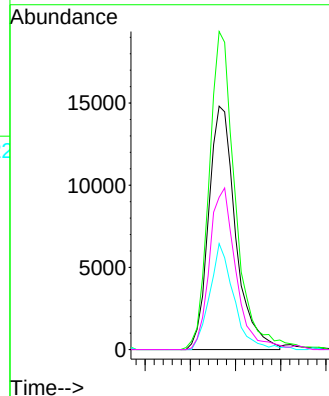
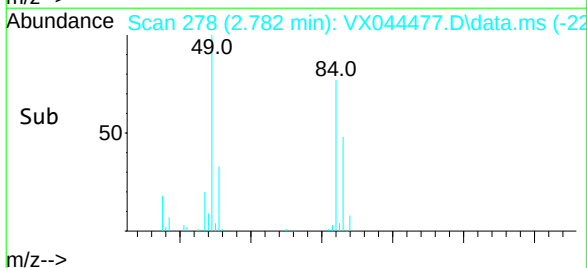
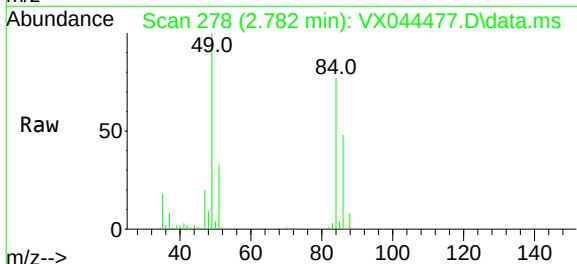
Manual Integrations
APPROVED

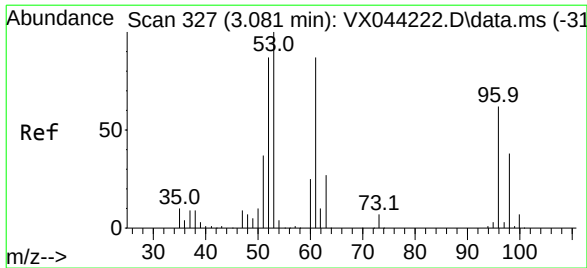
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#20
Methylene Chloride
Concen: 17.198 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

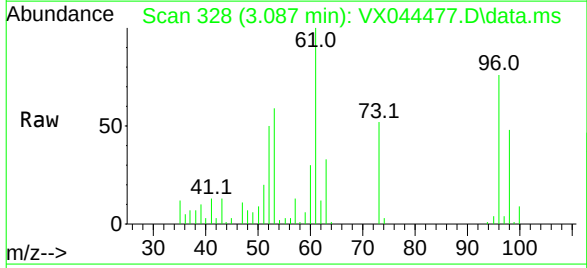
Tgt Ion: 84 Resp: 30642
Ion Ratio Lower Upper
84 100
49 130.7 104.2 156.4
51 43.5 32.2 48.4
86 62.6 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 16.505 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

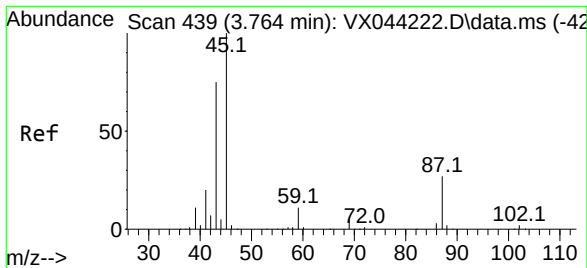
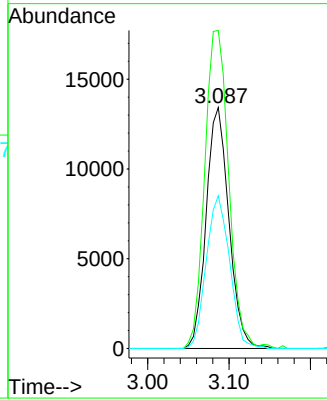
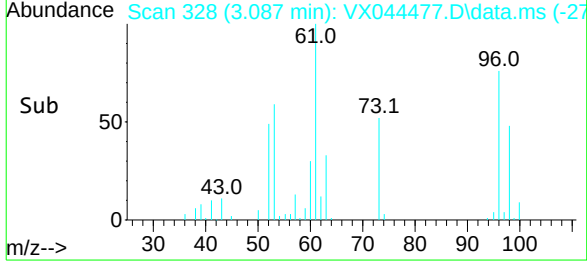
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



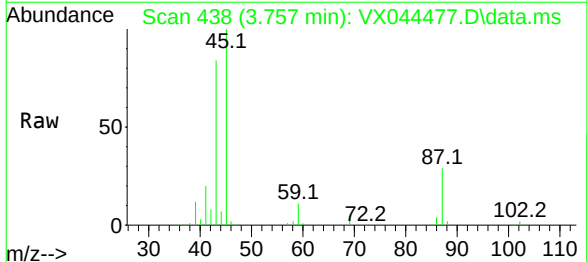
Tgt Ion: 96 Resp: 26093
Ion Ratio Lower Upper
96 100
61 132.0 112.0 168.0
98 63.4 48.8 73.2

Manual Integrations
APPROVED

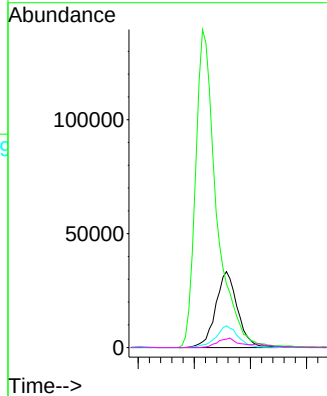
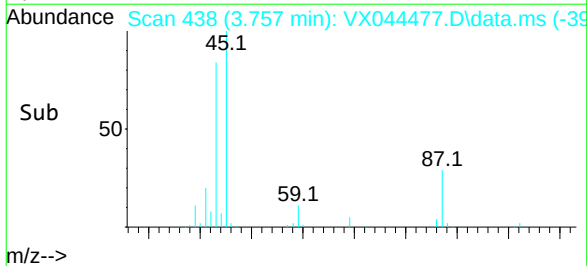
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

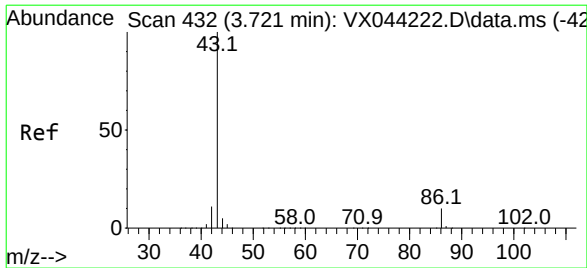


#22
Diisopropyl ether
Concen: 16.177 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06



Tgt Ion: 45 Resp: 90256
Ion Ratio Lower Upper
45 100
43 83.4 60.2 90.2
87 28.7 21.2 31.8
59 11.1 8.9 13.3





#23

Vinyl Acetate

Concen: 80.199 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

Tgt Ion: 43 Resp: 363772

Ion Ratio Lower Upper

43 100

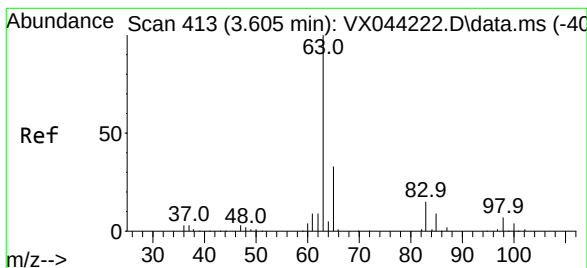
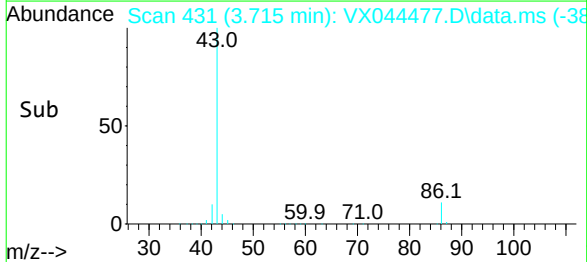
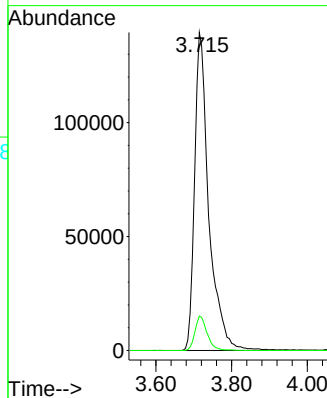
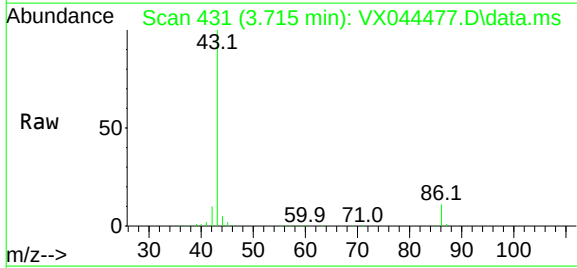
86 10.8 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 16.730 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

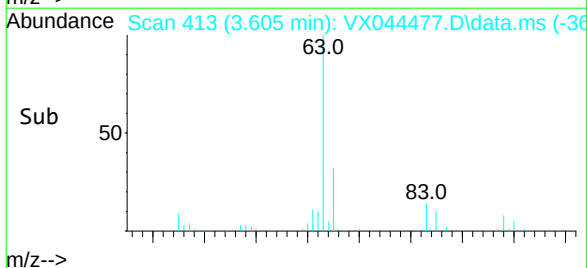
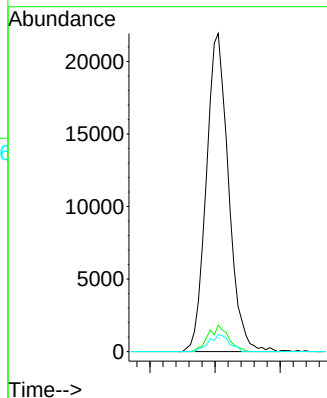
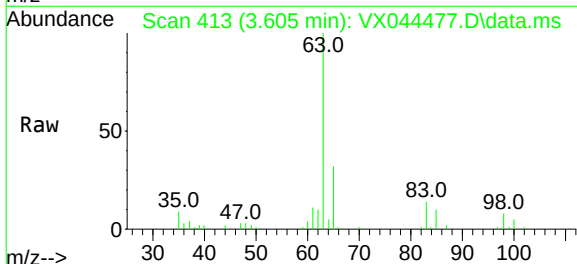
Tgt Ion: 63 Resp: 52028

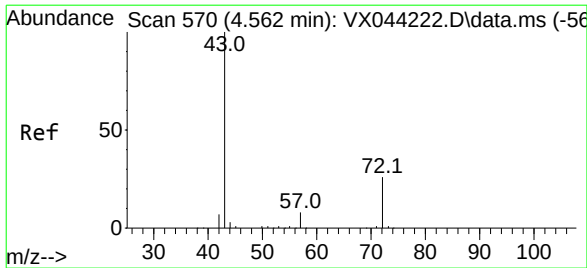
Ion Ratio Lower Upper

63 100

98 8.3 3.6 10.8

100 5.3 2.1 6.3





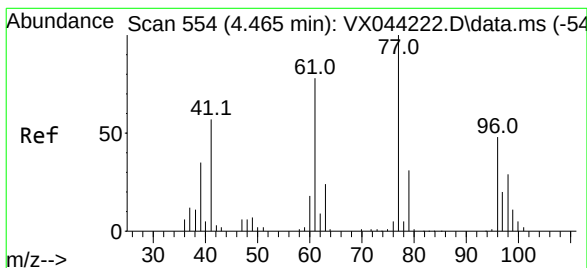
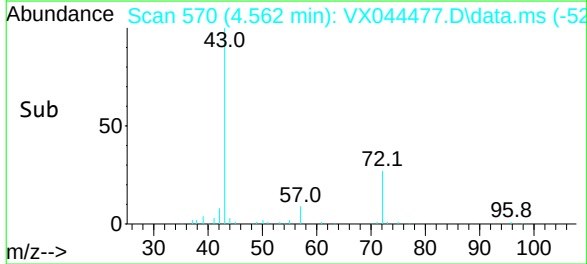
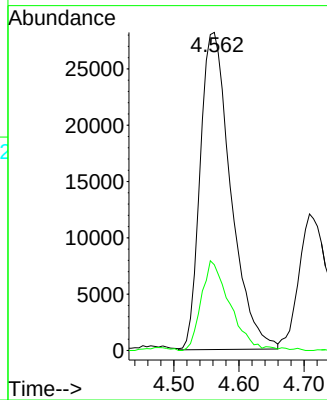
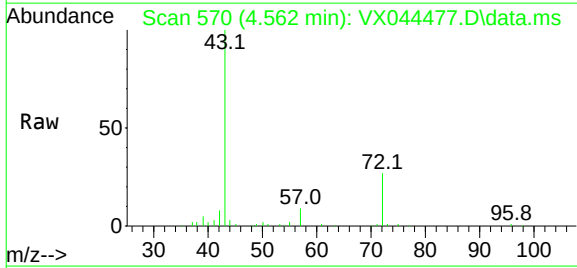
#25
2-Butanone
Concen: 68.242 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion: 43 Resp: 92029
Ion Ratio Lower Upper
43 100
72 27.1 20.2 30.4

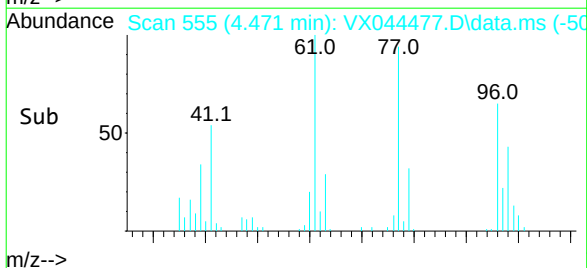
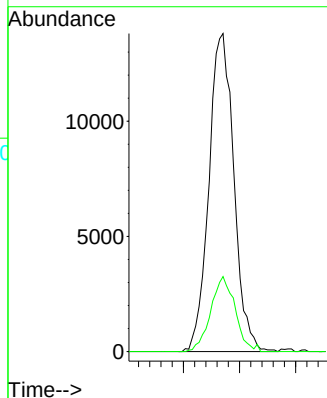
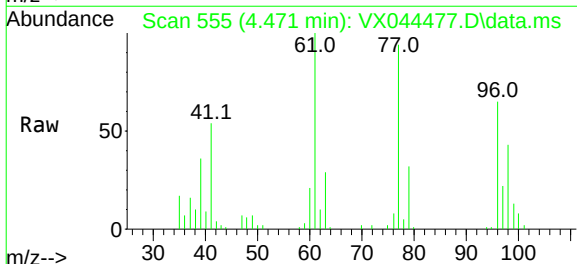
Manual Integrations
APPROVED

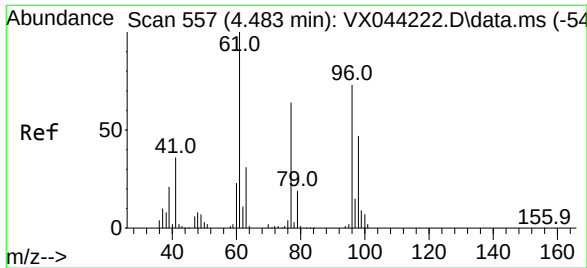
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 16.902 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

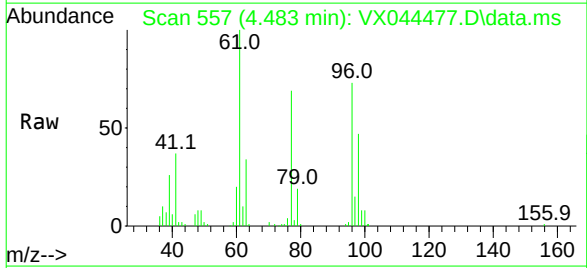
Tgt Ion: 77 Resp: 42702
Ion Ratio Lower Upper
77 100
97 23.1 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 16.435 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

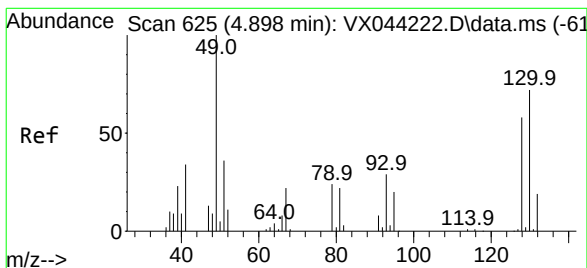
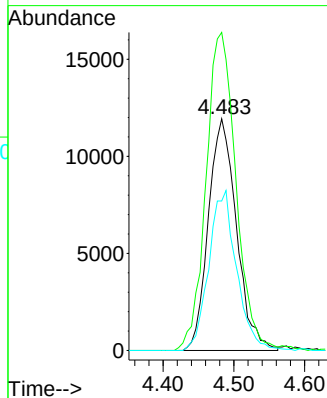
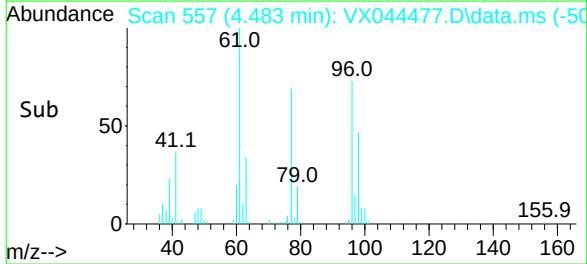
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



Tgt Ion: 96 Resp: 32997
Ion Ratio Lower Upper
96 100
61 145.5 0.0 299.0
98 68.2 0.0 129.0

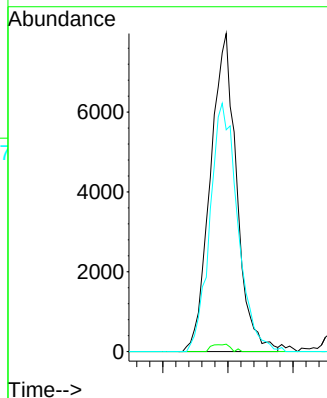
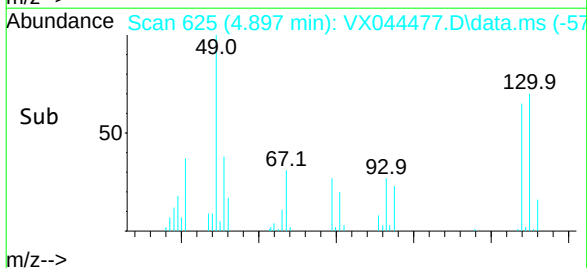
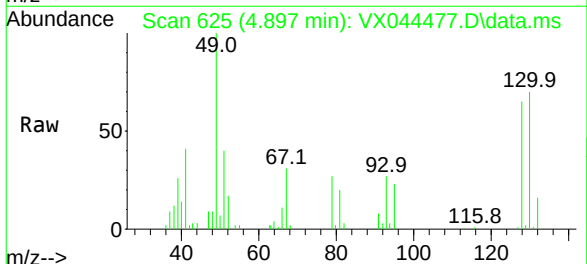
Manual Integrations
APPROVED

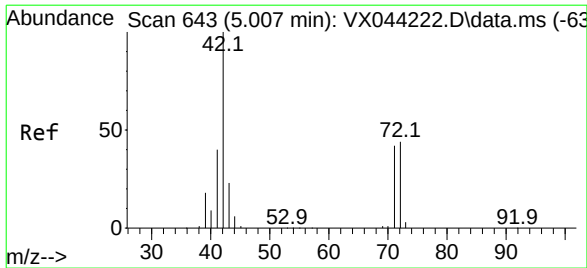
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#28
Bromochloromethane
Concen: 14.658 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion: 49 Resp: 22353
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.2
130 82.7 62.1 93.1





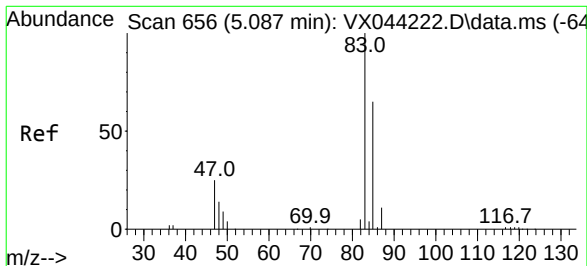
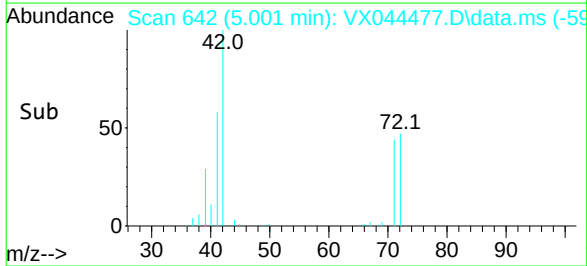
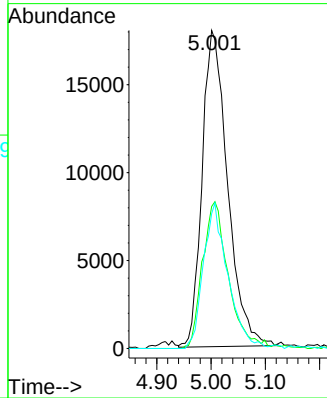
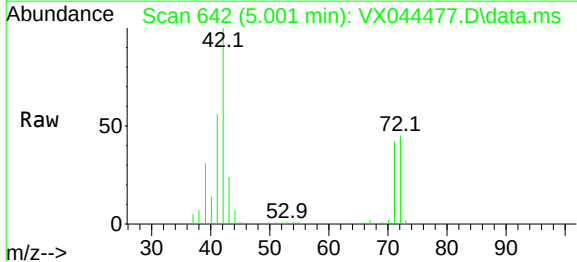
#29
Tetrahydrofuran
Concen: 67.866 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion: 42 Resp: 58745
Ion Ratio Lower Upper
42 100
72 47.0 37.0 55.6
71 43.9 33.6 50.4

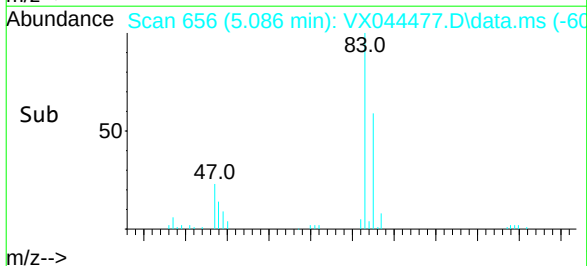
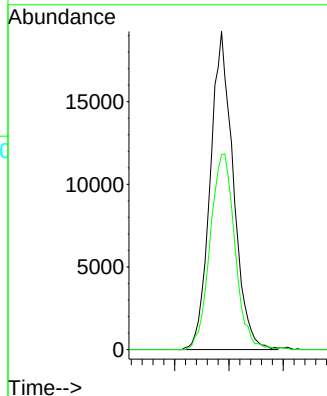
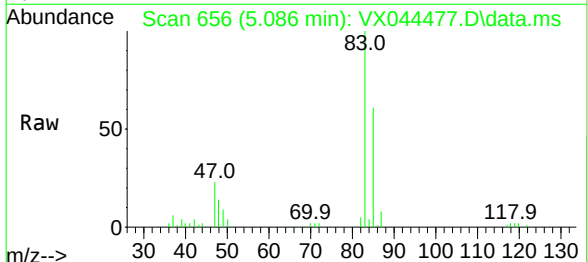
Manual Integrations
APPROVED

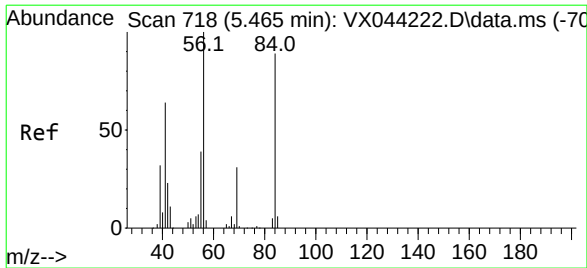
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 16.232 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion: 83 Resp: 56718
Ion Ratio Lower Upper
83 100
85 61.4 51.6 77.4





#31

Cyclohexane

Concen: 16.167 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

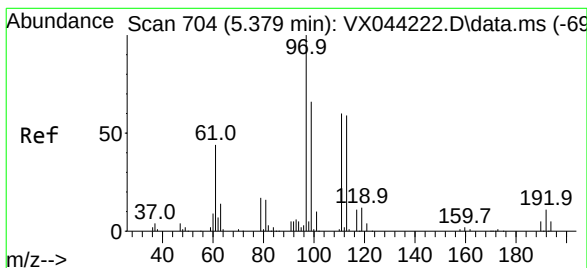
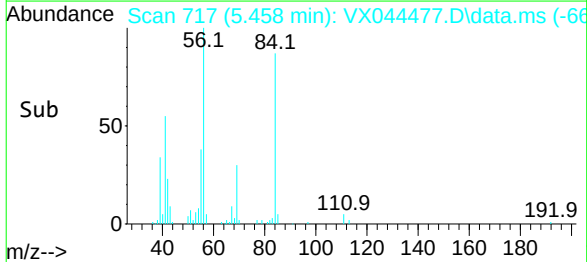
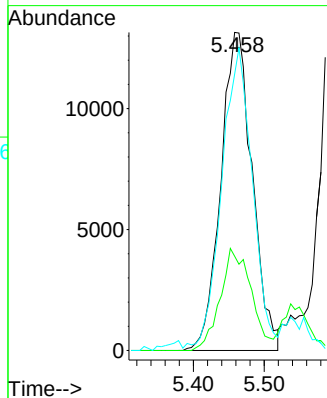
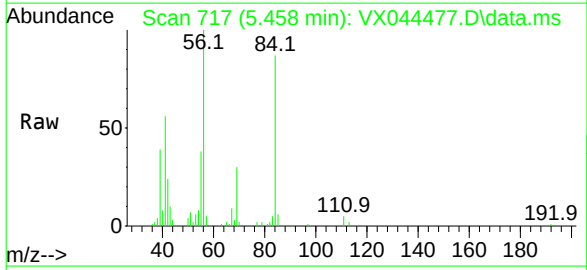
Tgt Ion:	56	Resp:	40600
Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.7	37.1
84	83.8	71.0	106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#32

1,1,1-Trichloroethane

Concen: 16.467 ug/l

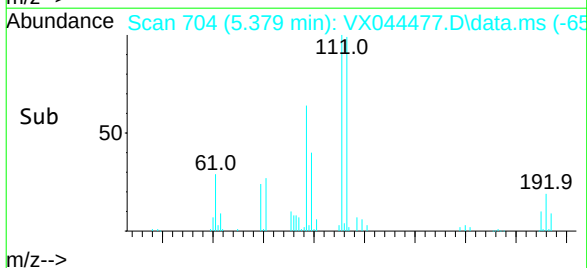
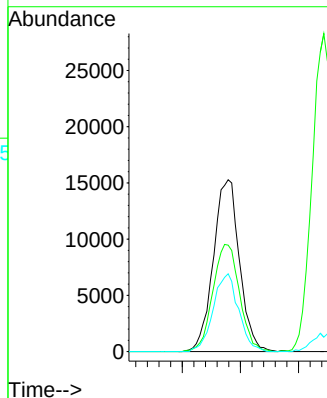
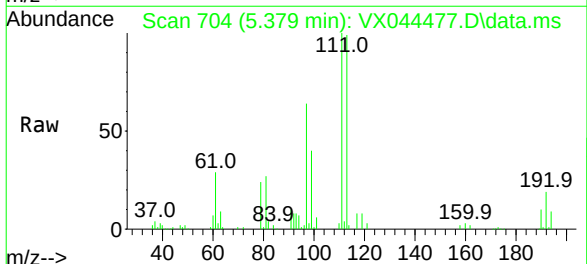
RT: 5.379 min Scan# 704

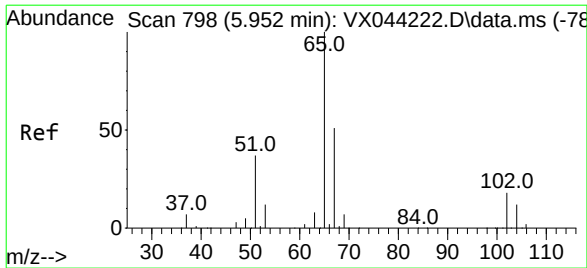
Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Tgt Ion:	97	Resp:	47761
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	43.8	35.2	52.8





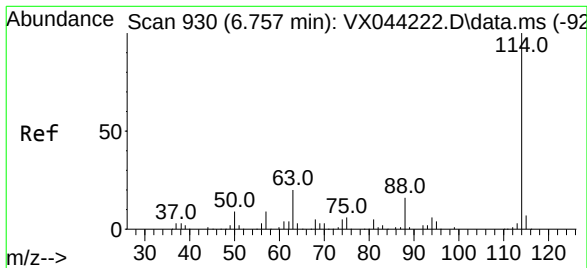
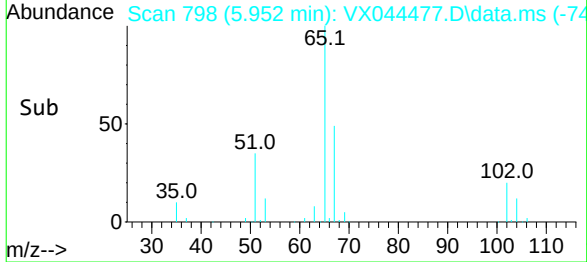
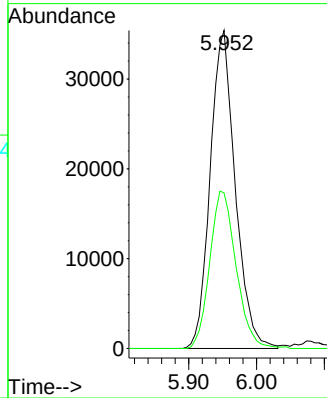
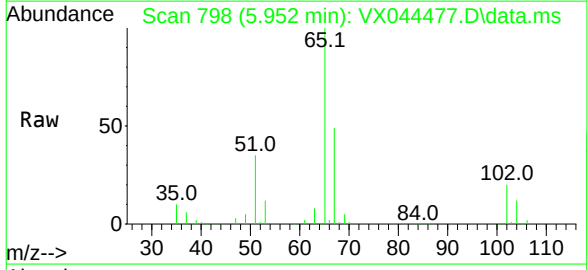
#33
1,2-Dichloroethane-d4
Concen: 39.075 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion: 65 Resp: 90921
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.6

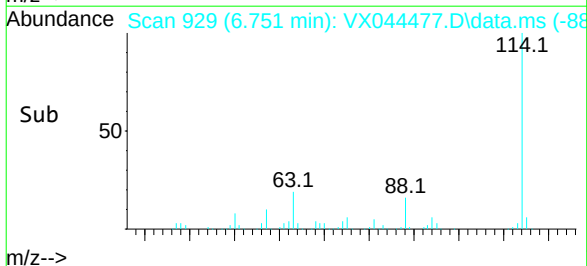
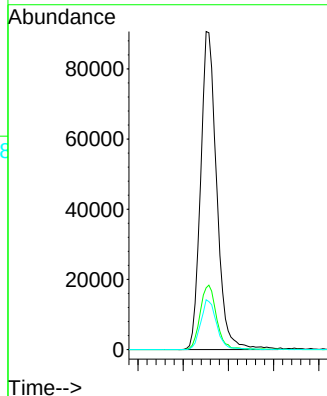
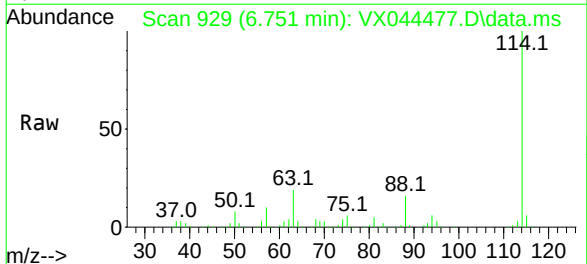
Manual Integrations
APPROVED

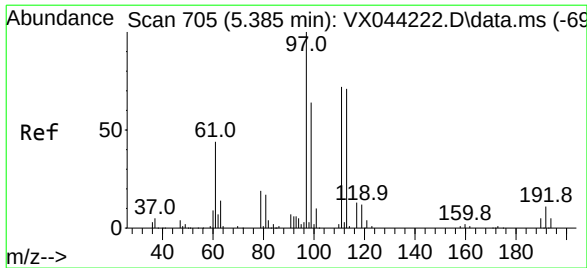
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion:114 Resp: 224038
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.6
88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.675 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

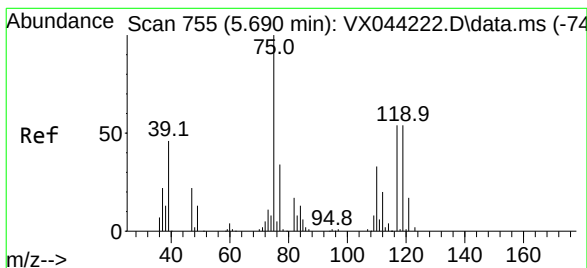
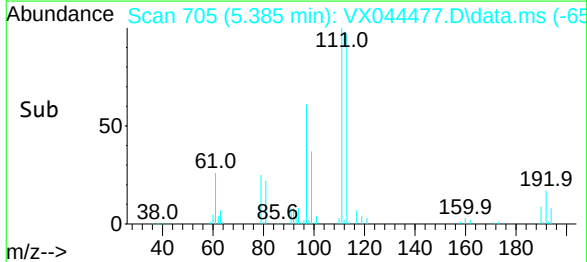
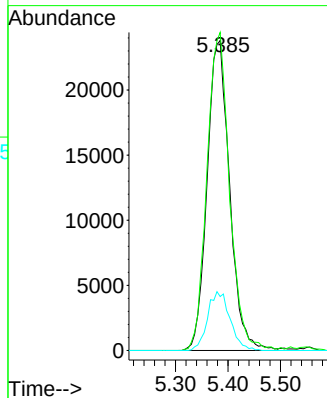
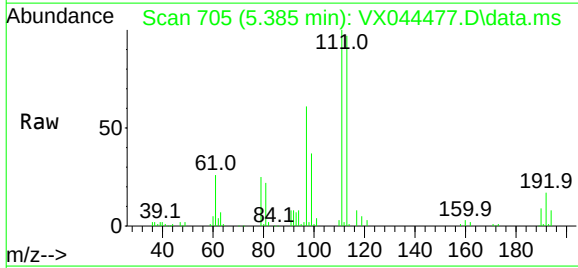
Tgt Ion:	113	Resp:	70872
Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.4	120.6
192	18.9	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#36

1,1-Dichloropropene

Concen: 18.037 ug/l

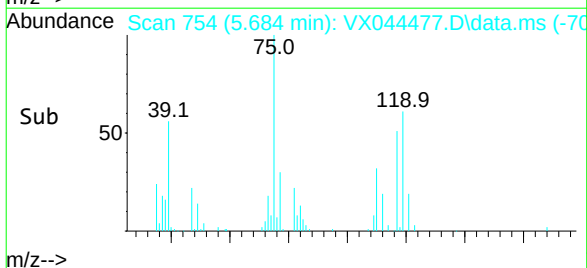
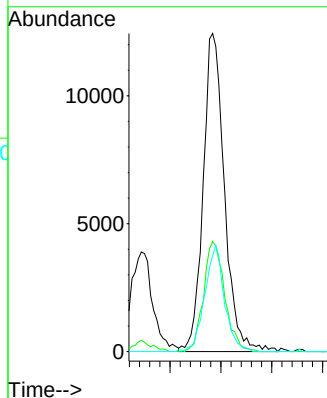
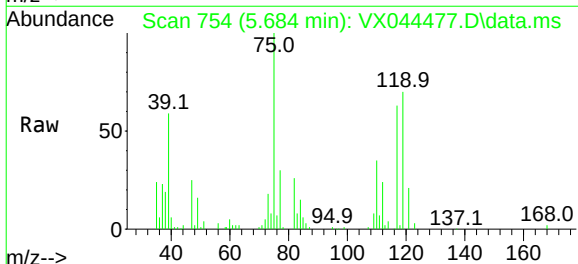
RT: 5.684 min Scan# 754

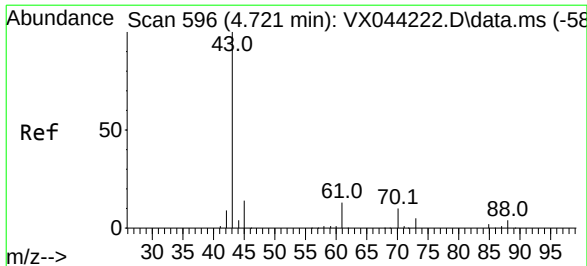
Delta R.T. -0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Tgt Ion:	75	Resp:	36177
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.3	51.7
77	30.8	25.4	38.0





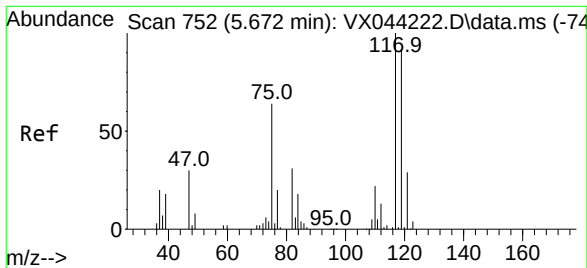
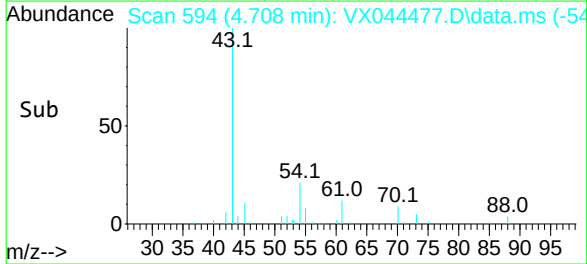
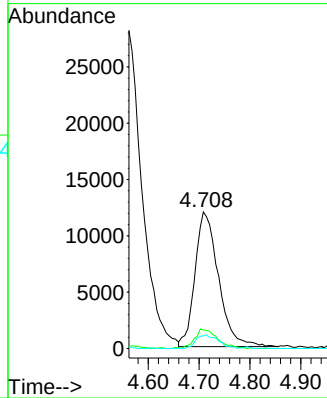
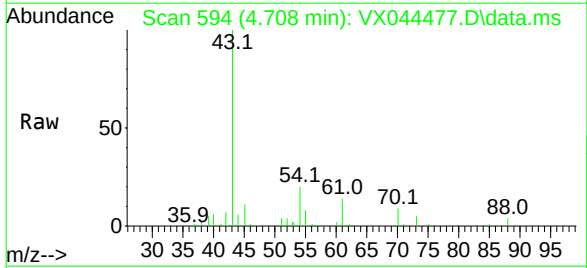
#37
Ethyl Acetate
Concen: 15.492 ug/l
RT: 4.708 min Scan# 596
Delta R.T. -0.012 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	9.8	14.8
70	9.5	7.7	11.5

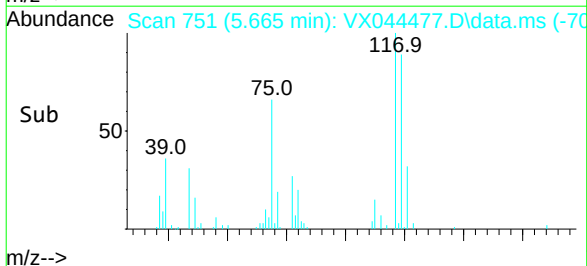
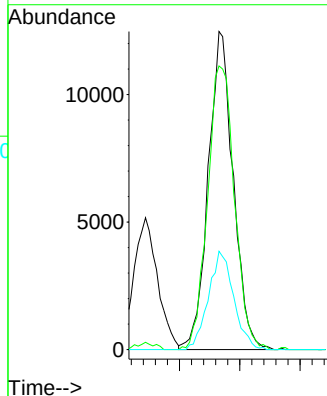
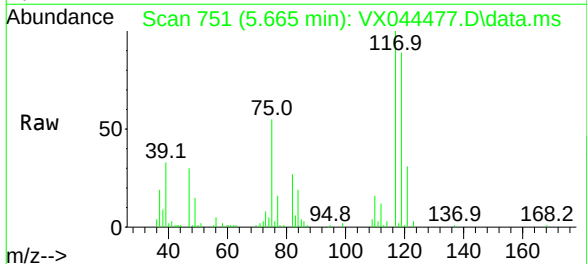
Manual Integrations
APPROVED

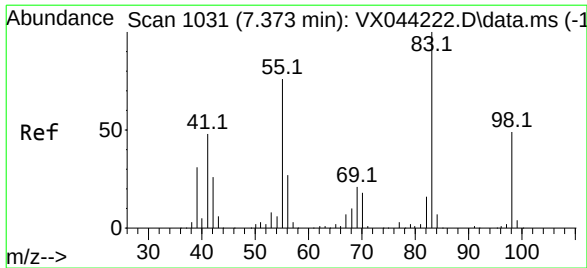
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 16.601 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.2	74.2	111.4
121	30.9	23.0	34.6





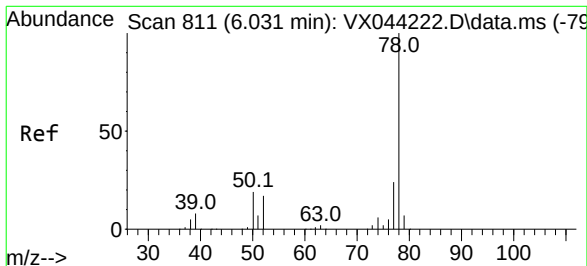
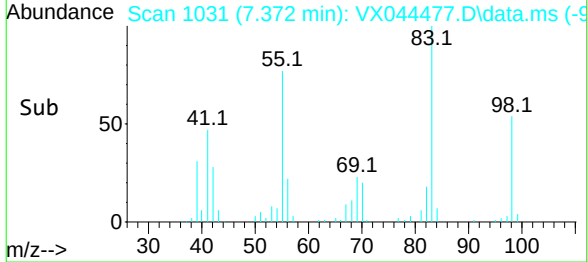
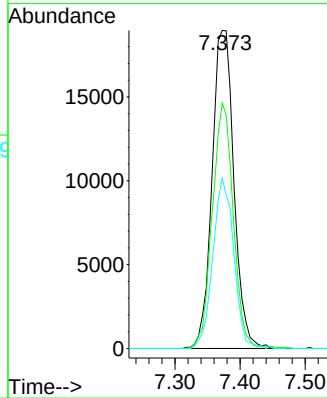
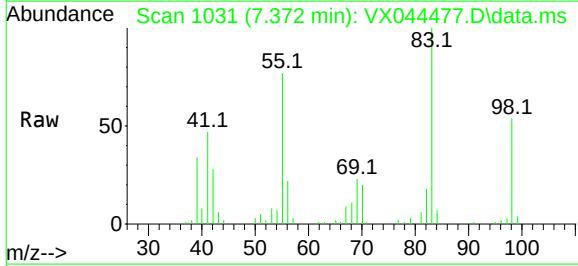
#39
Methylcyclohexane
Concen: 18.446 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion: 83 Resp: 44230
Ion Ratio Lower Upper
83 100
55 77.2 60.7 91.1
98 53.5 38.9 58.3

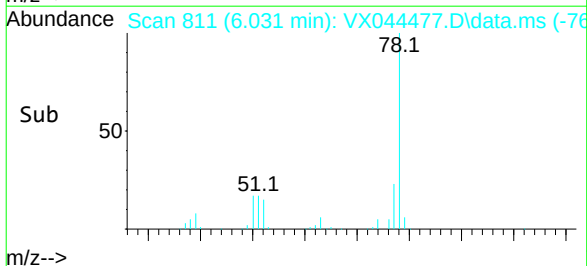
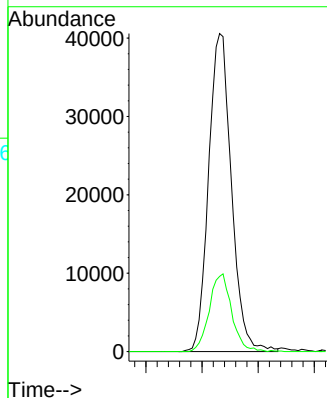
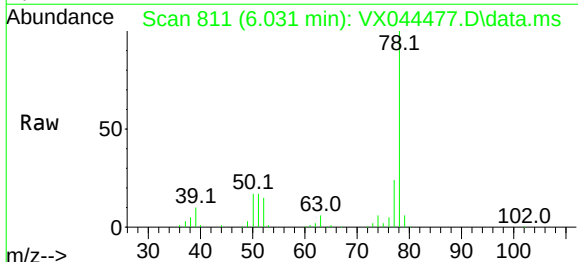
Manual Integrations
APPROVED

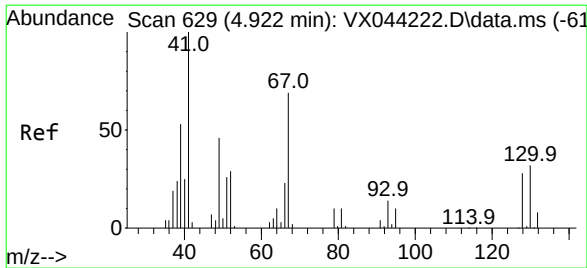
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 18.820 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion: 78 Resp: 114610
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





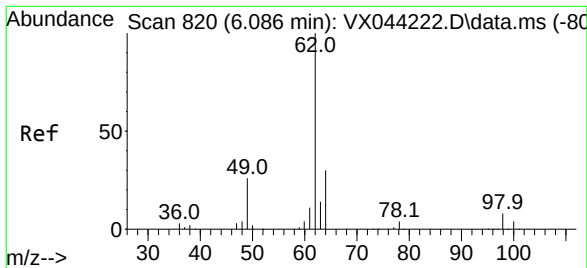
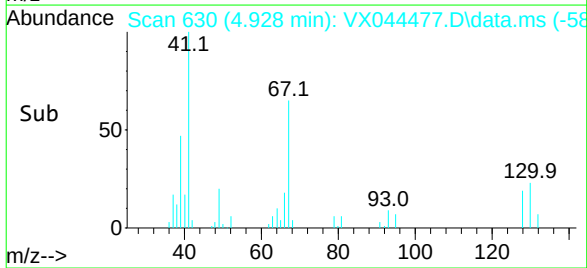
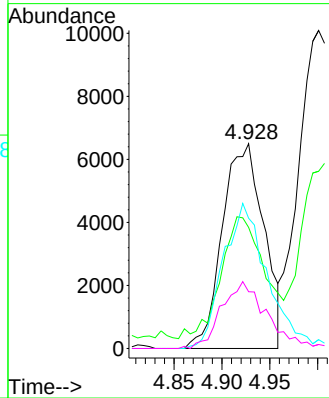
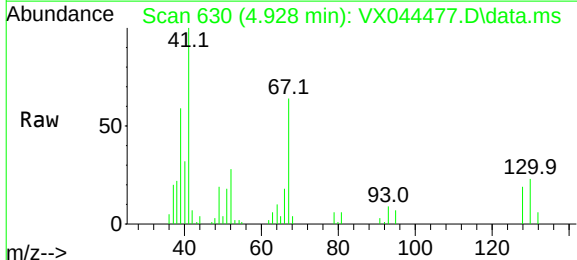
#41
Methacrylonitrile
Concen: 14.885 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion:	41	Resp:	19597
Ion	Ratio	Lower	Upper
41	100		
39	63.3	44.2	66.4
67	75.8	57.2	85.8
52	36.4	24.6	37.0

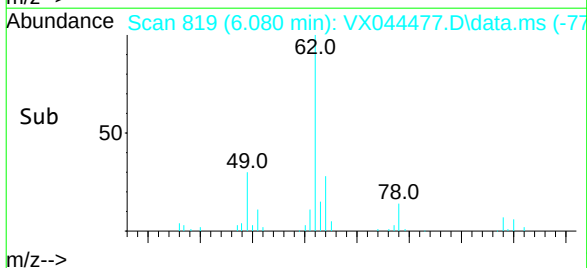
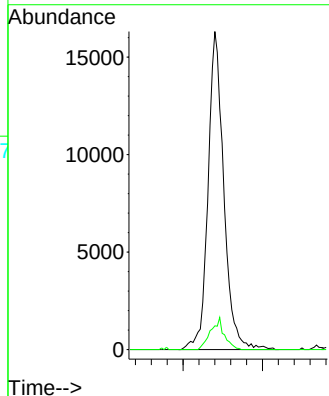
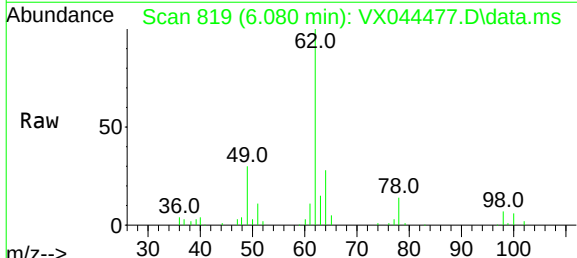
Manual Integrations
APPROVED

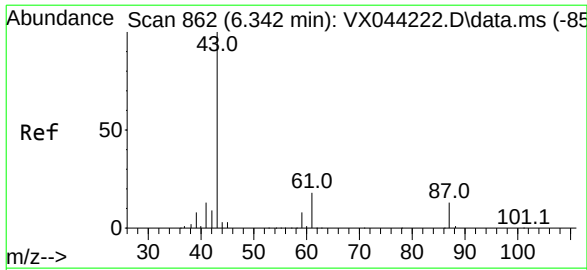
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 17.899 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion:	62	Resp:	44902
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	15.8





#43

Isopropyl Acetate

Concen: 16.244 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

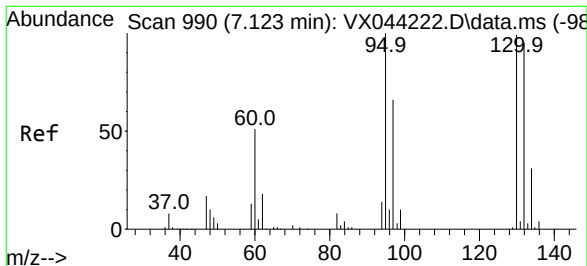
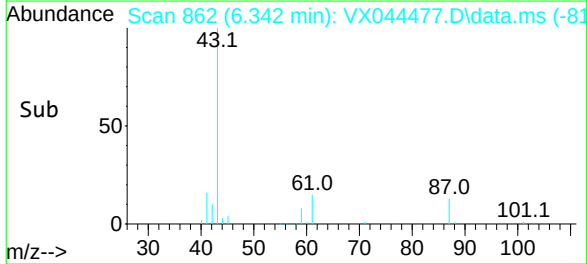
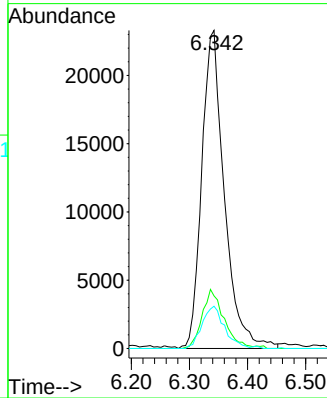
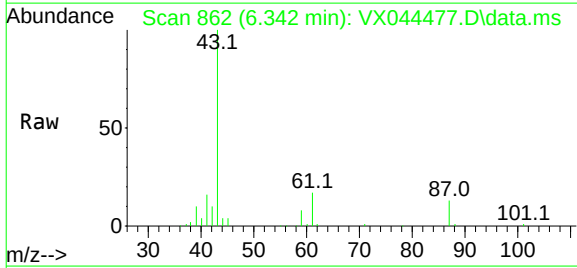
Tgt Ion:	43	Resp:	62949
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.2	21.2
87	13.2	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#44

Trichloroethene

Concen: 19.408 ug/l

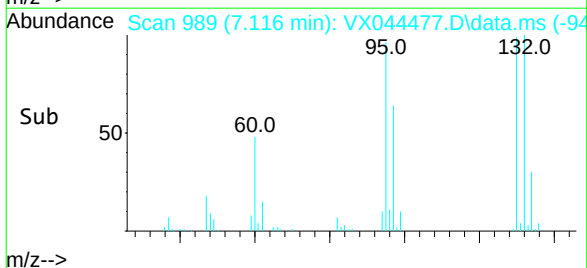
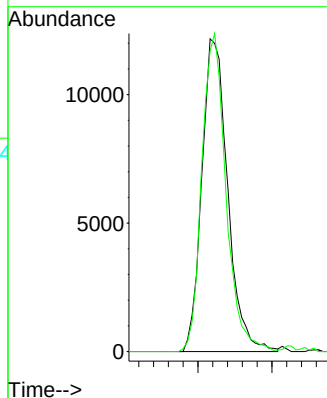
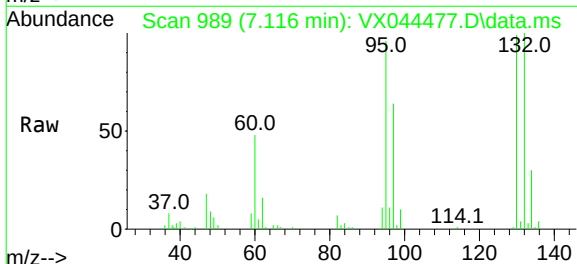
RT: 7.116 min Scan# 989

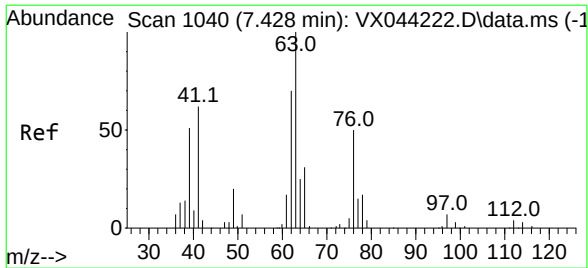
Delta R.T. -0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

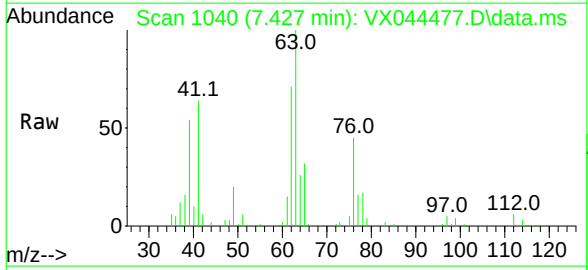
Tgt Ion:	130	Resp:	29473
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	201.4





#45
1,2-Dichloropropane
Concen: 18.167 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

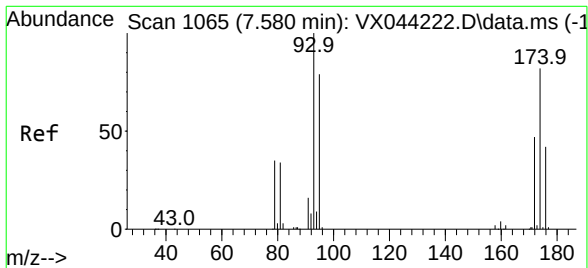
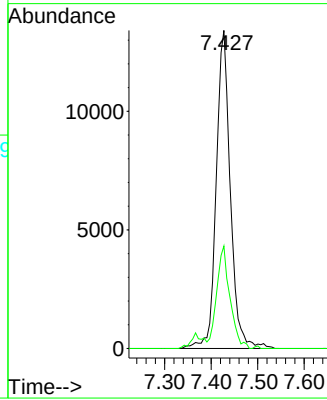
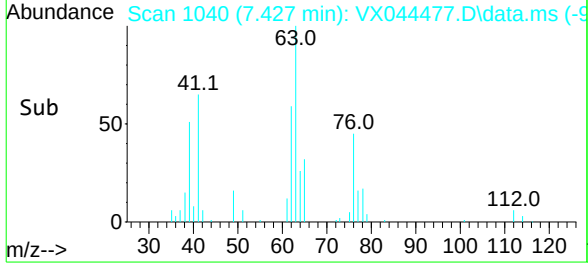
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



Tgt Ion: 63 Resp: 28265
Ion Ratio Lower Upper
63 100
65 32.2 24.6 37.0

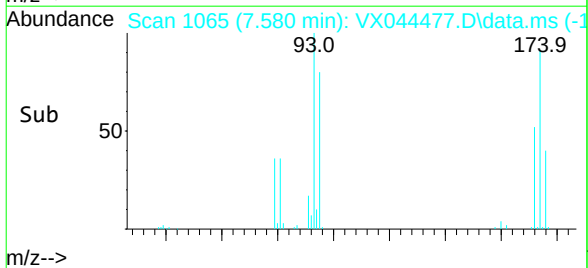
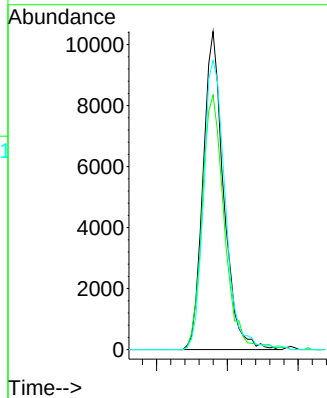
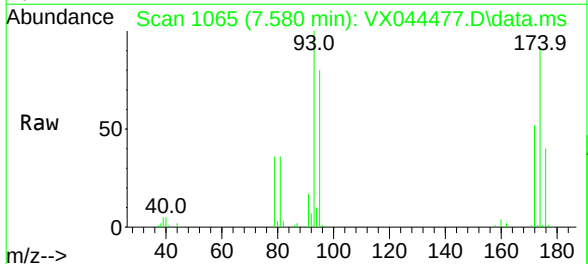
Manual Integrations
APPROVED

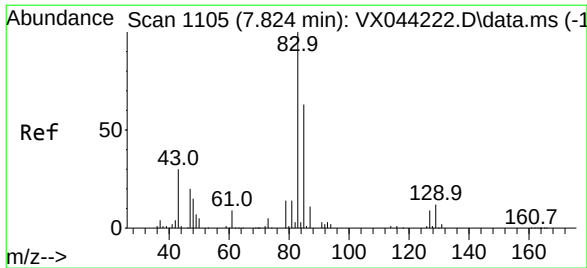
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#46
Dibromomethane
Concen: 17.388 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion: 93 Resp: 20988
Ion Ratio Lower Upper
93 100
95 86.1 65.4 98.2
174 96.5 67.9 101.9





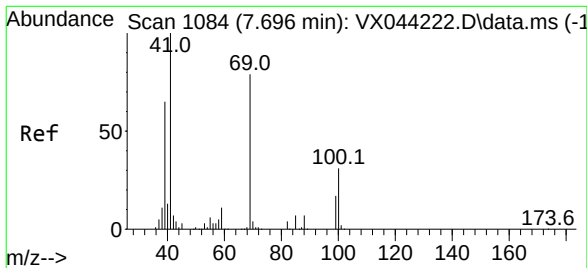
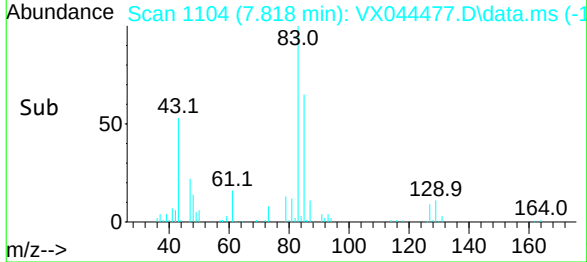
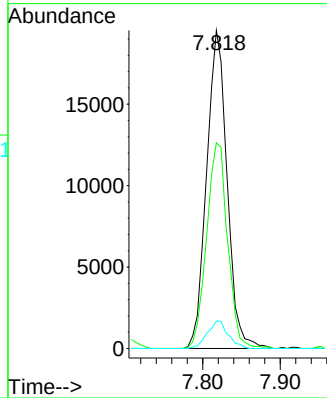
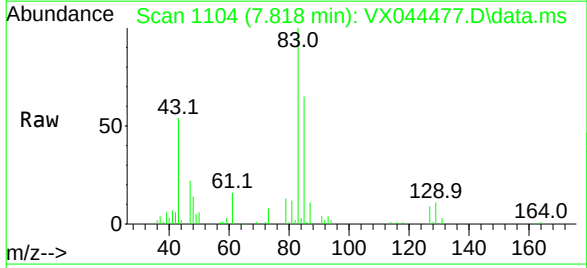
#47
Bromodichloromethane
Concen: 17.209 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion: 83 Resp: 35873
Ion Ratio Lower Upper
83 100
85 64.7 50.6 75.8
127 8.6 7.3 10.9

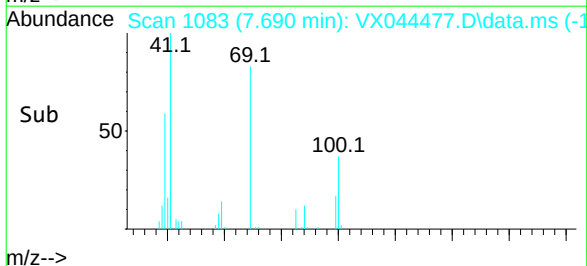
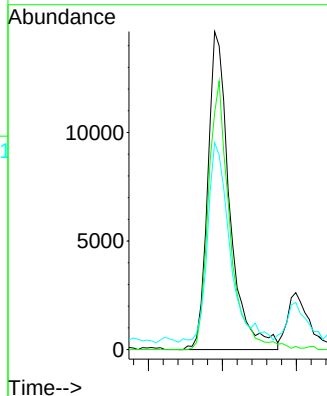
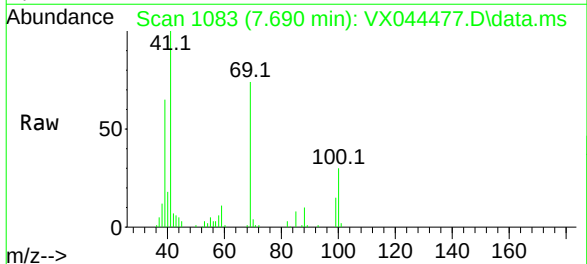
Manual Integrations
APPROVED

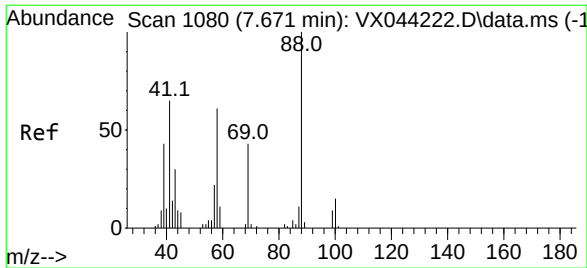
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#48
Methyl methacrylate
Concen: 15.920 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

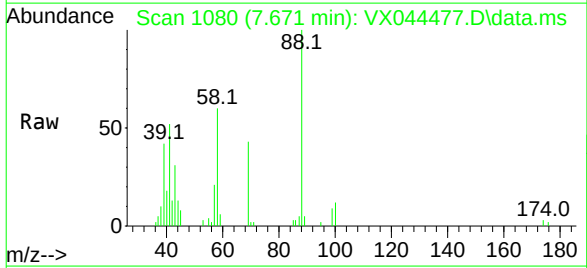
Tgt Ion: 41 Resp: 29948
Ion Ratio Lower Upper
41 100
69 82.9 62.4 93.6
39 64.4 53.3 79.9





#49
1,4-Dioxane
Concen: 298.190 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

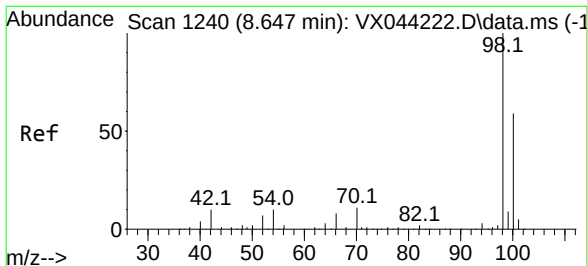
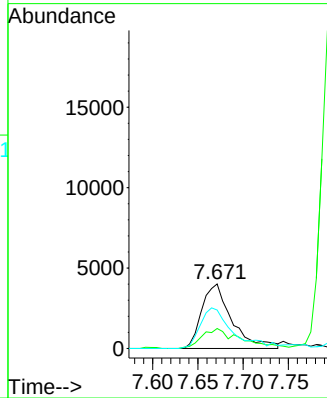
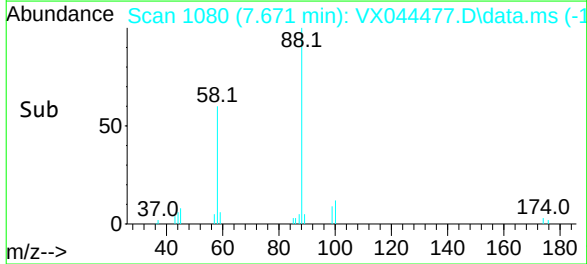
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



Tgt Ion: 88 Resp: 9300
Ion Ratio Lower Upper
88 100
43 40.0 27.1 40.7
58 68.0 41.0 61.4#

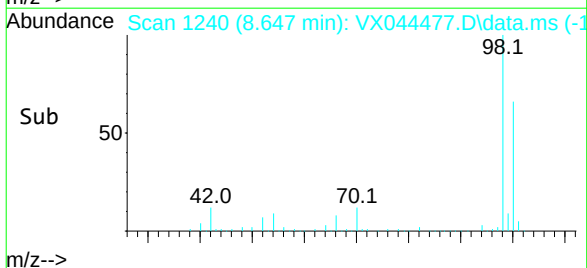
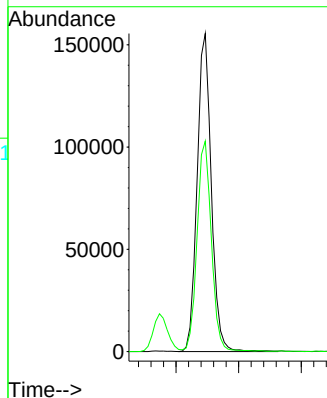
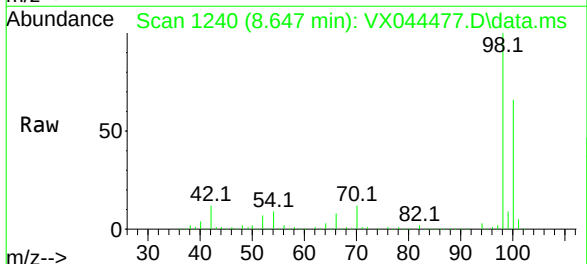
Manual Integrations
APPROVED

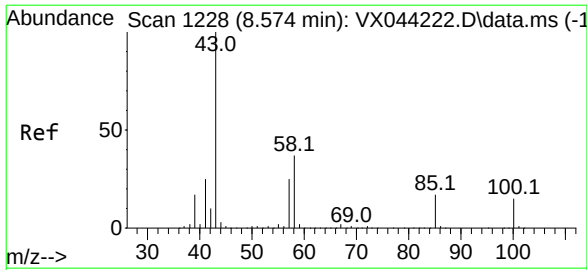
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#50
Toluene-d8
Concen: 46.845 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion: 98 Resp: 245226
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3





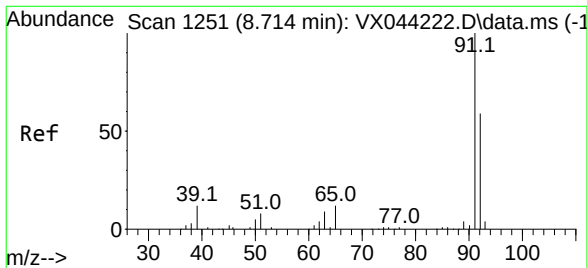
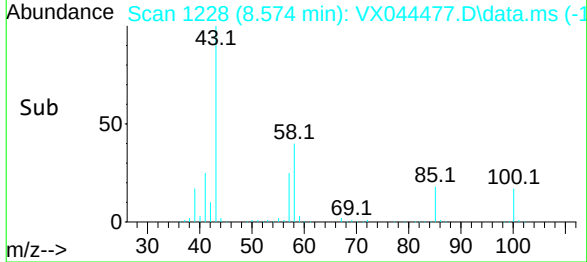
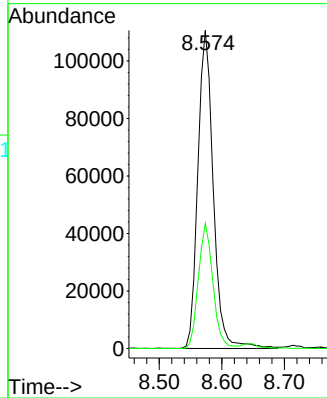
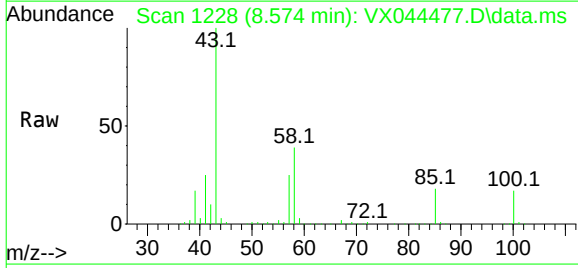
#51
4-Methyl-2-Pentanone
Concen: 76.063 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion: 43 Resp: 189522
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.0

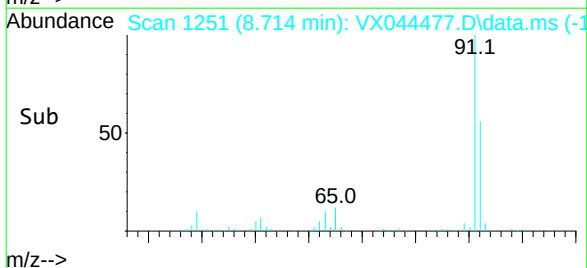
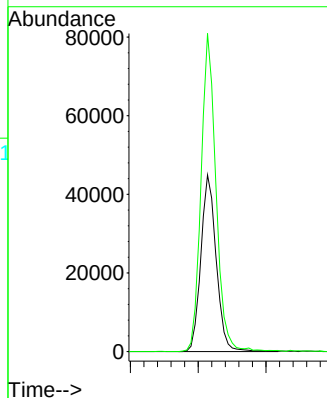
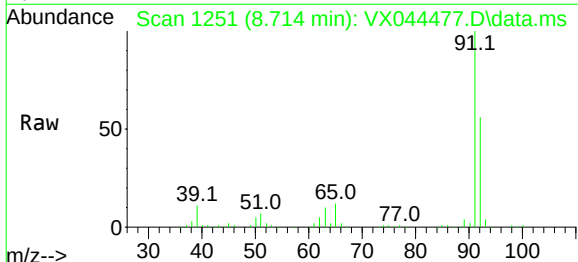
Manual Integrations
APPROVED

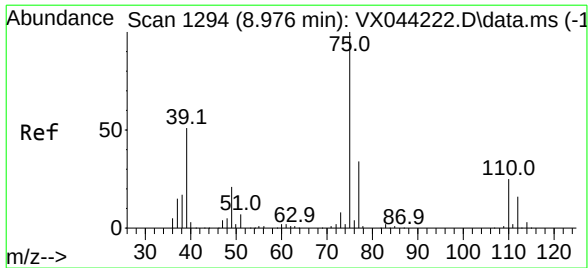
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 18.446 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion: 92 Resp: 70540
Ion Ratio Lower Upper
92 100
91 175.6 137.0 205.6





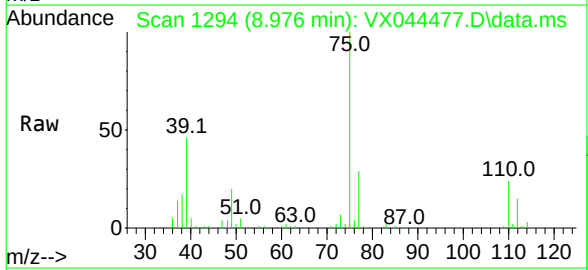
#53
 t-1,3-Dichloropropene
 Concen: 17.112 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX044477.D
 Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

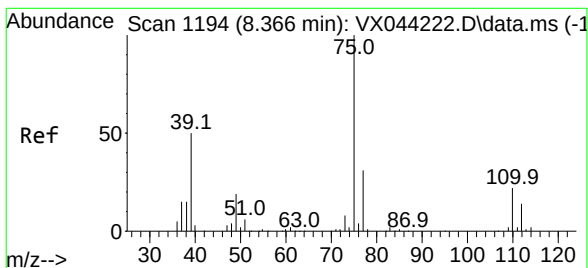
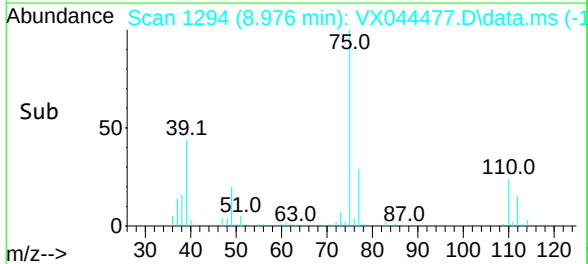
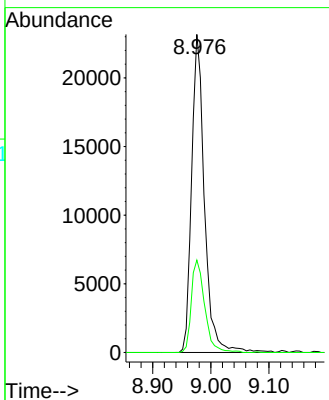
VX1223WBS02



Tgt Ion: 75 Resp: 35559
 Ion Ratio Lower Upper
 75 100
 77 29.0 27.2 40.8

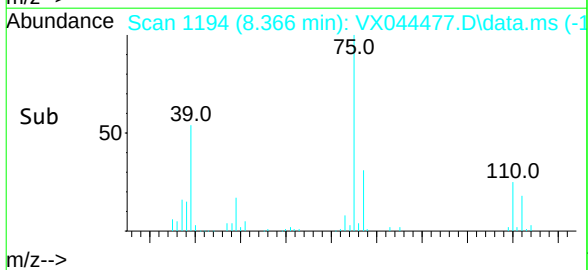
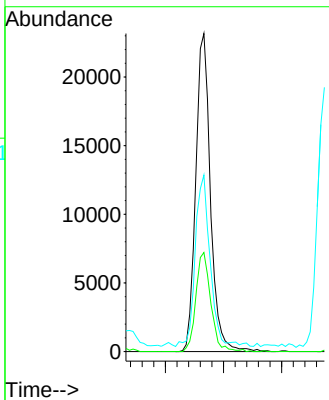
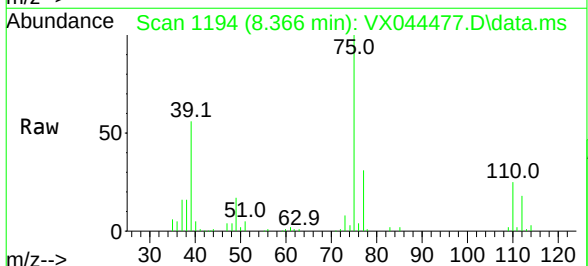
Manual Integrations
 APPROVED

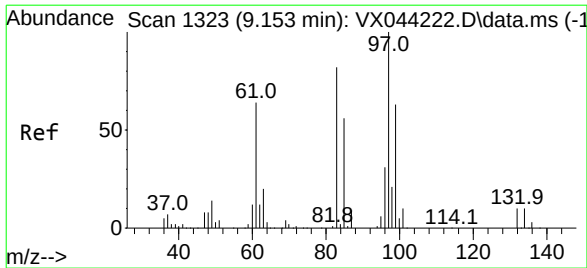
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#54
 cis-1,3-Dichloropropene
 Concen: 17.958 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX044477.D
 Acq: 23 Dec 2024 14:06

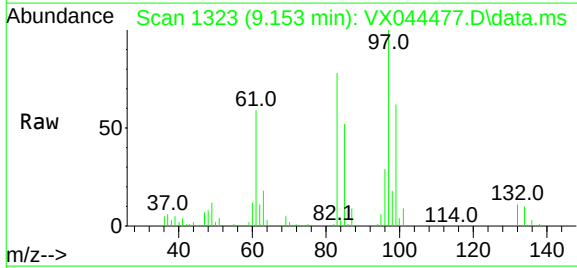
Tgt Ion: 75 Resp: 40760
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.7 37.1
 39 53.9 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 18.989 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

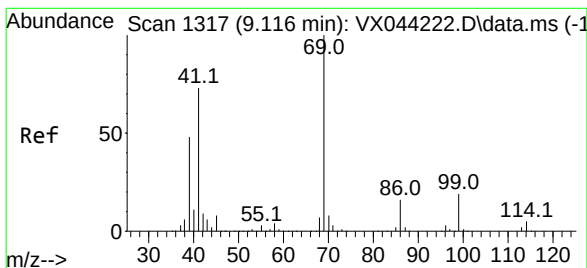
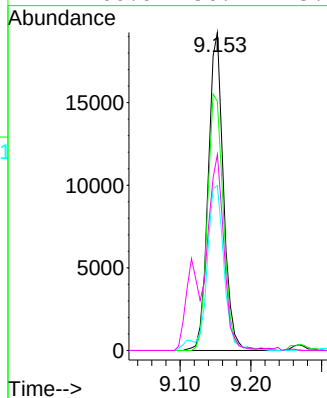
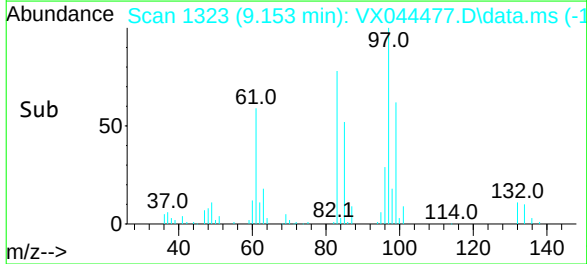
Instrument : MSVOA_X
ClientSampleId : VX1223WBS02



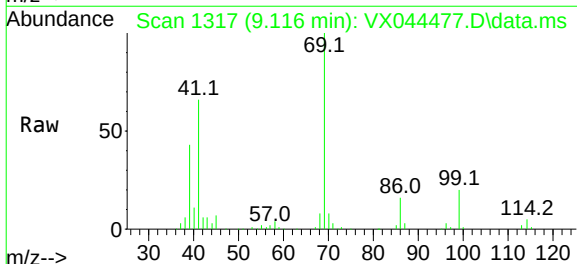
Tgt Ion:	97	Resp:	28849
Ion	Ratio	Lower	Upper
97	100		
83	78.4	65.3	97.9
85	51.8	44.6	67.0
99	60.6	50.2	75.2

Manual Integrations
APPROVED

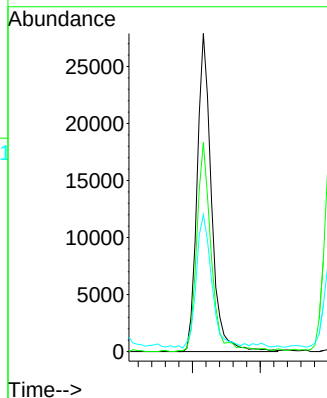
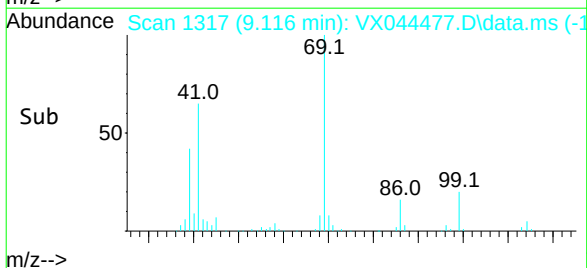
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

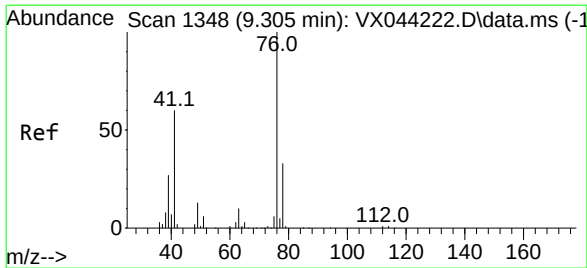


#56
Ethyl methacrylate
Concen: 17.021 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06



Tgt Ion:	69	Resp:	40823
Ion	Ratio	Lower	Upper
69	100		
41	65.5	56.6	85.0
39	44.3	37.4	56.0





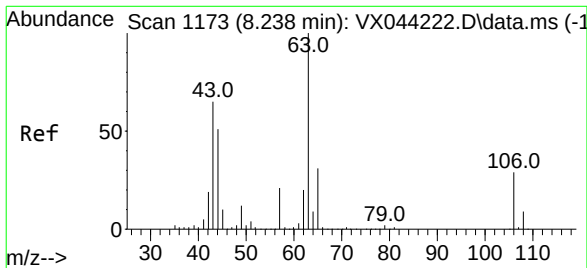
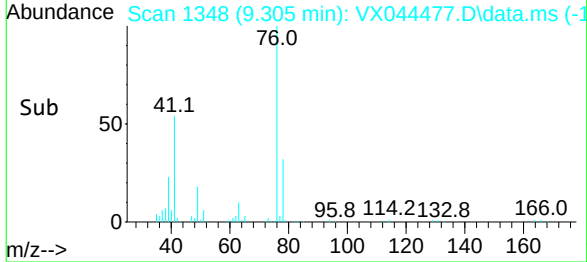
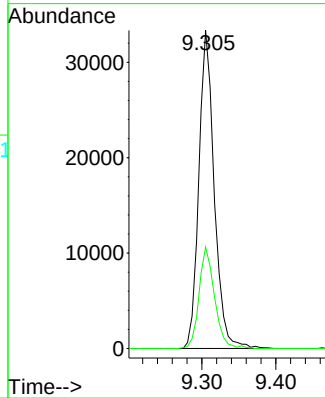
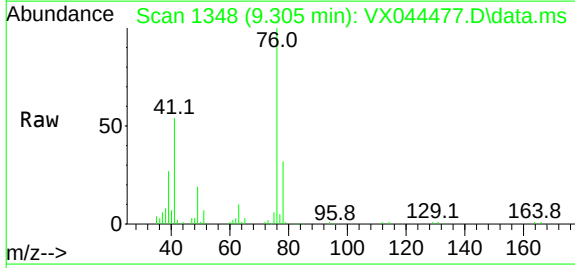
#57
1,3-Dichloropropane
Concen: 18.206 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion: 76 Resp: 48145
Ion Ratio Lower Upper
76 100
78 32.1 26.5 39.7

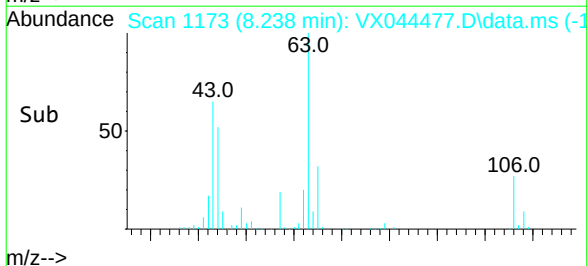
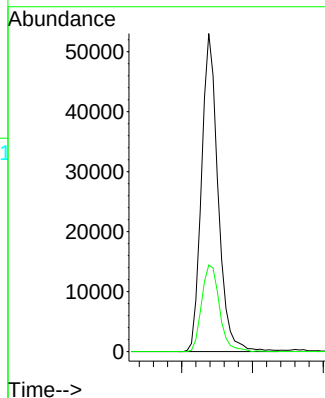
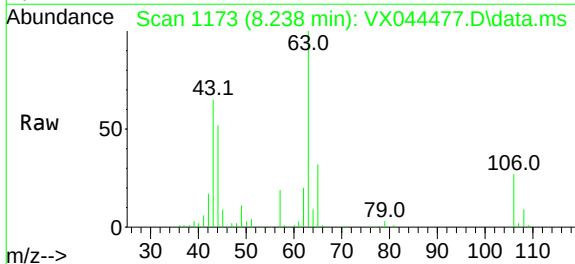
Manual Integrations
APPROVED

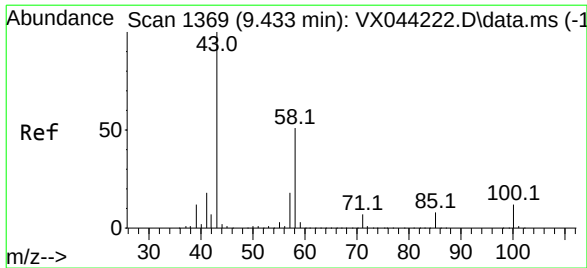
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 71.362 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion: 63 Resp: 86326
Ion Ratio Lower Upper
63 100
106 29.2 22.8 34.2





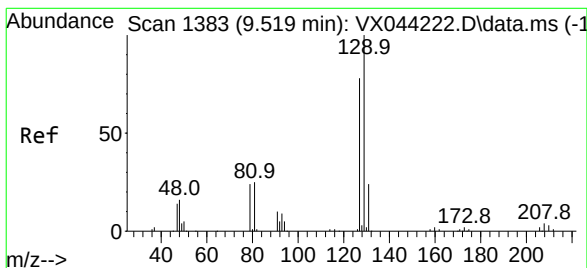
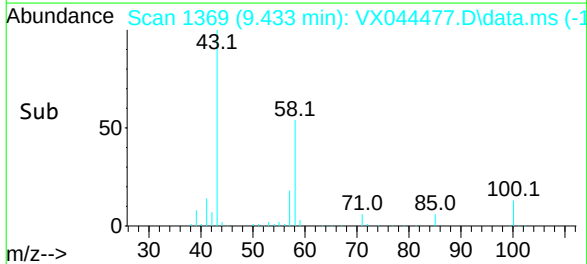
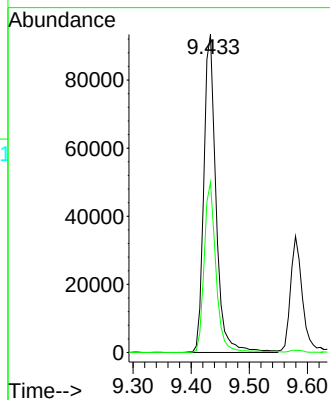
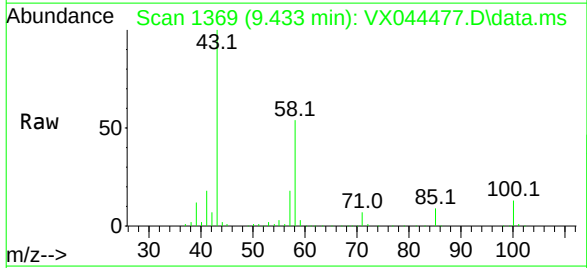
#59
2-Hexanone
Concen: 75.778 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion: 43 Resp: 136667
Ion Ratio Lower Upper
43 100
58 51.6 25.7 77.0

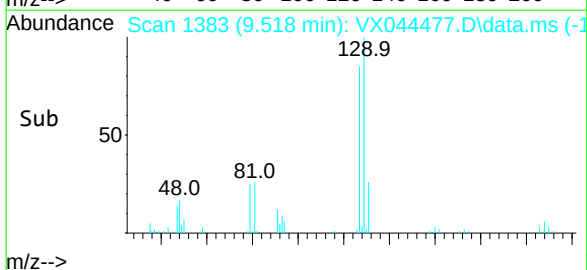
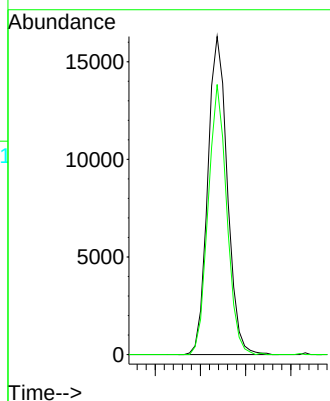
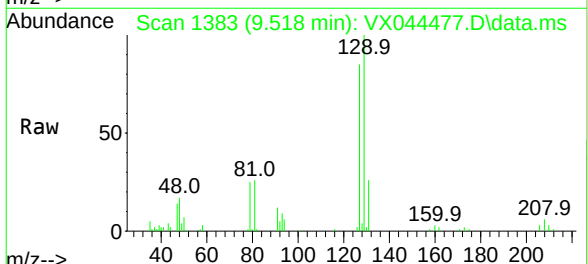
Manual Integrations
APPROVED

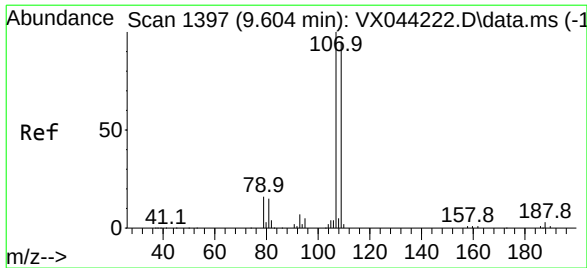
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 16.581 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

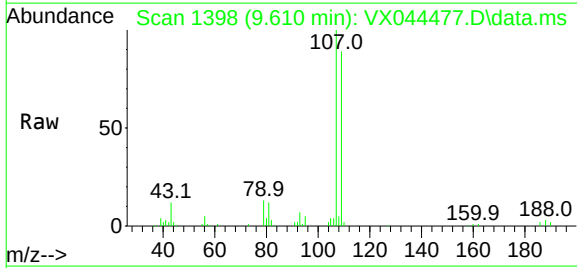
Tgt Ion:129 Resp: 24557
Ion Ratio Lower Upper
129 100
127 80.4 38.5 115.3





#61
1,2-Dibromoethane
Concen: 19.027 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

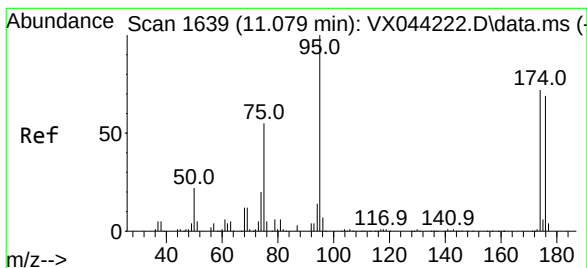
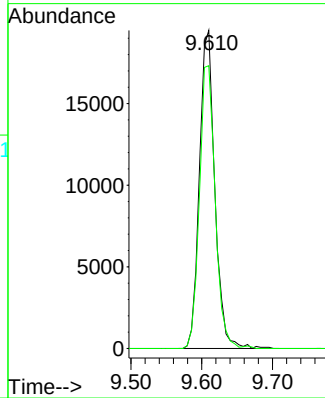
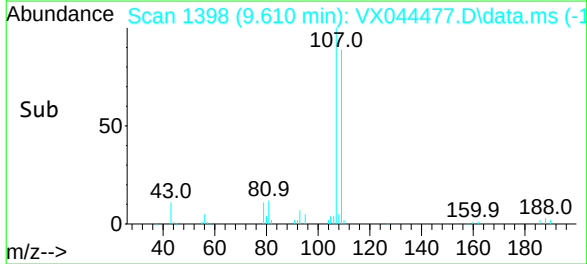
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



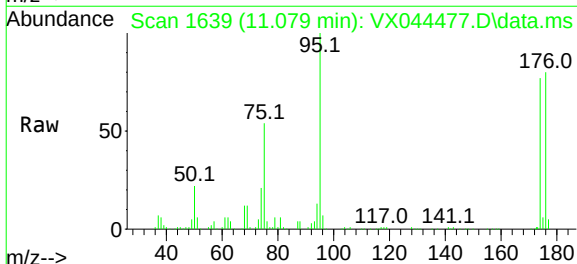
Tgt Ion: 107 Resp: 29424
Ion Ratio Lower Upper
107 100
109 91.5 77.0 115.4

Manual Integrations
APPROVED

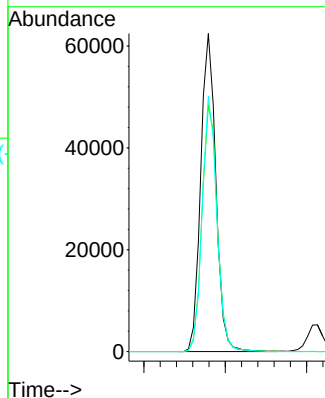
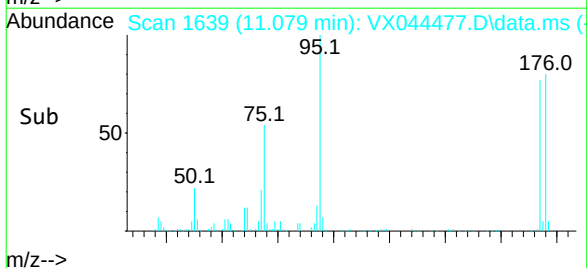
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024

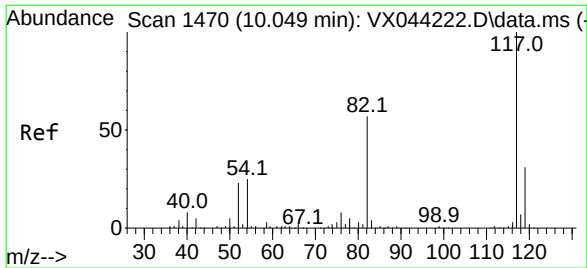


#62
4-Bromofluorobenzene
Concen: 44.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06



Tgt Ion: 95 Resp: 80642
Ion Ratio Lower Upper
95 100
174 78.3 0.0 145.8
176 78.1 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

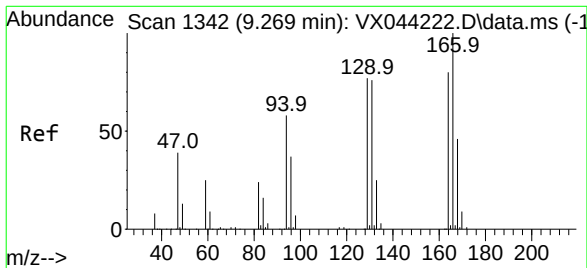
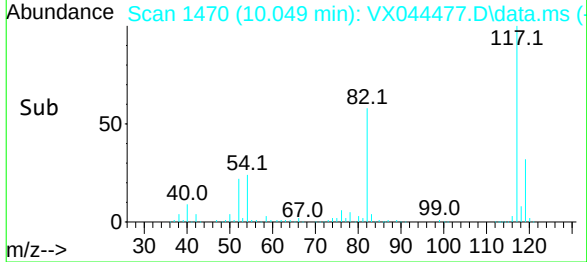
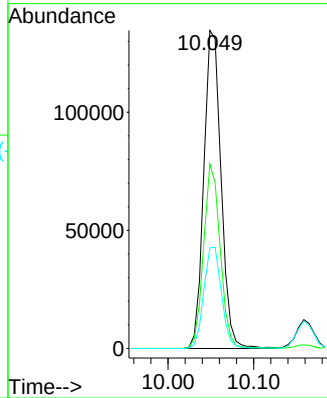
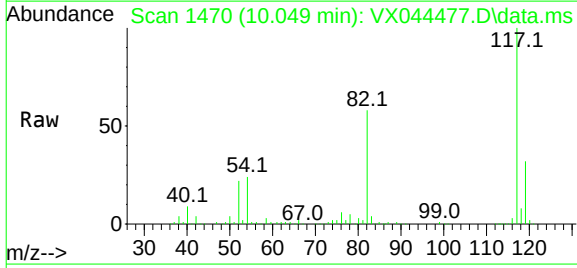
Tgt Ion:	117	Resp:	188412
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.8	68.8
119	31.7	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#64

Tetrachloroethene

Concen: 20.471 ug/l

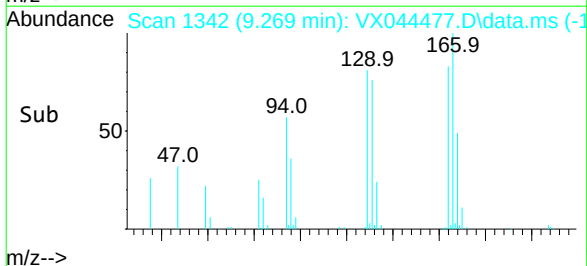
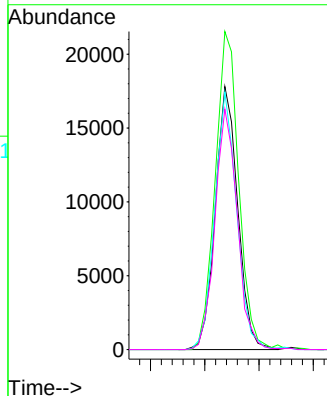
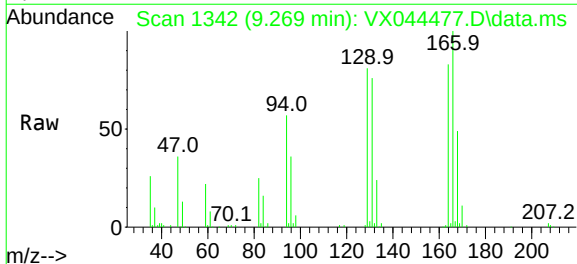
RT: 9.269 min Scan# 1342

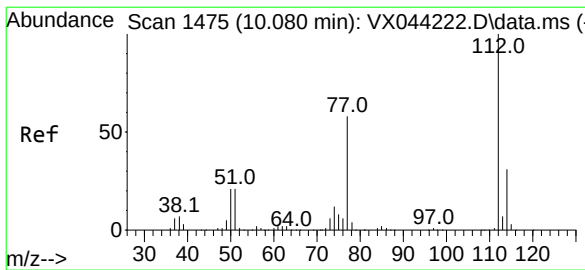
Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Tgt Ion:	164	Resp:	25600
Ion	Ratio	Lower	Upper
164	100		
166	120.9	100.4	150.6
129	97.8	77.2	115.8
131	91.4	76.2	114.2





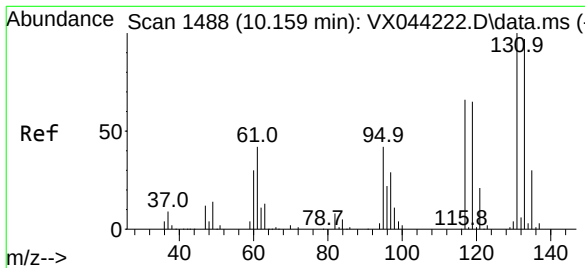
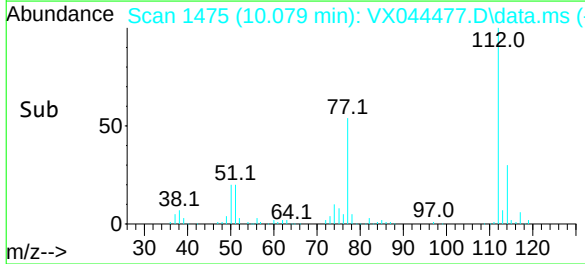
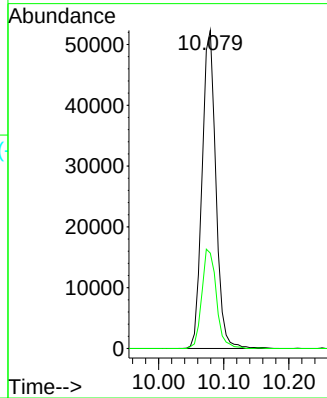
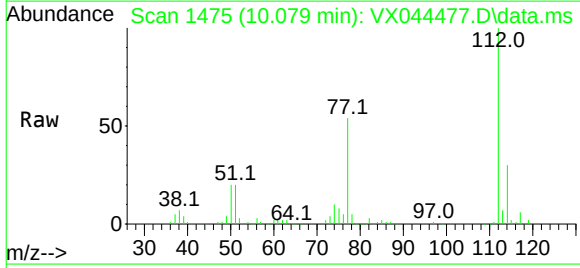
#65
Chlorobenzene
Concen: 19.057 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion:112 Resp: 76936
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.6

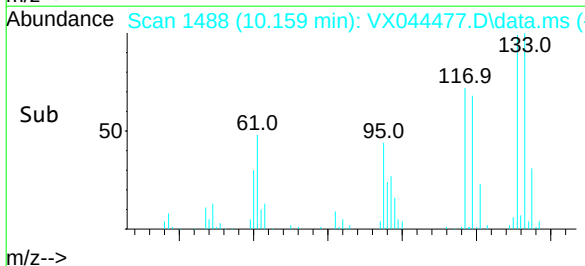
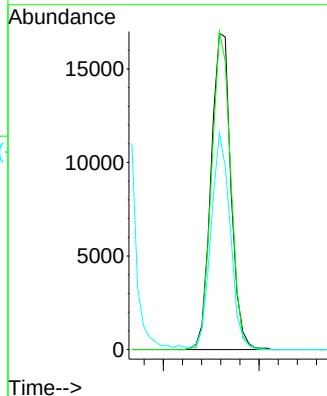
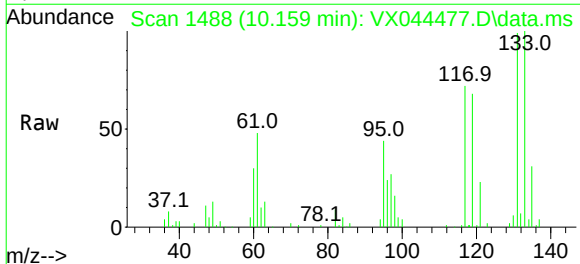
Manual Integrations
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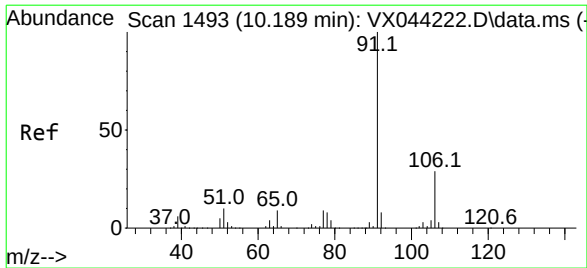
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.760 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion:131 Resp: 24341
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.8
119 66.0 31.6 95.0





#67

Ethyl Benzene

Concen: 18.698 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

Tgt Ion: 91 Resp: 130434

Ion Ratio Lower Upper

91 100

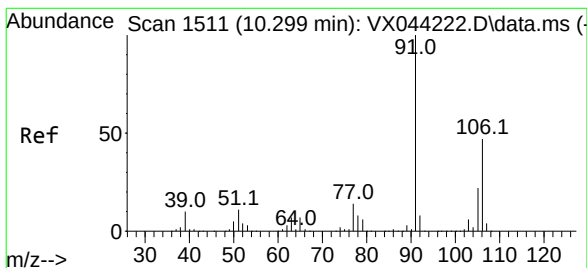
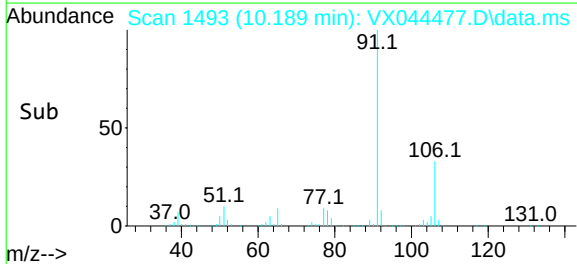
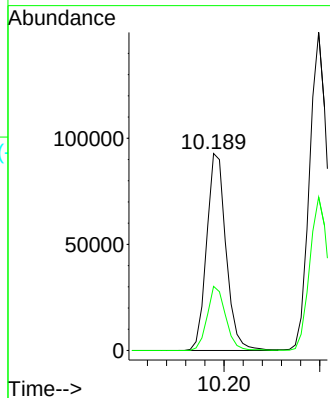
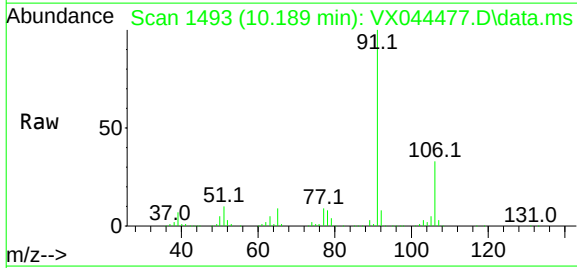
106 32.6 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#68

m/p-Xylenes

Concen: 38.868 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044477.D

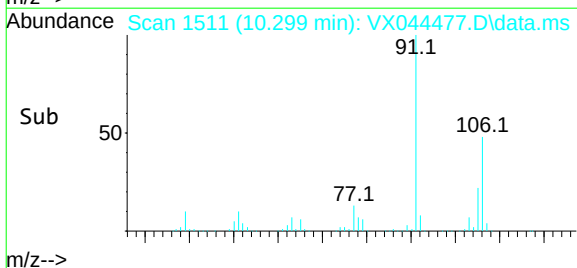
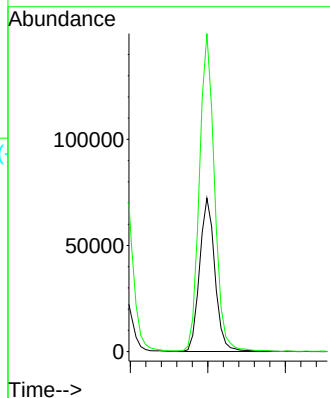
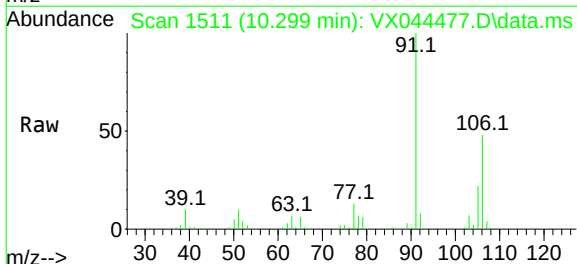
Acq: 23 Dec 2024 14:06

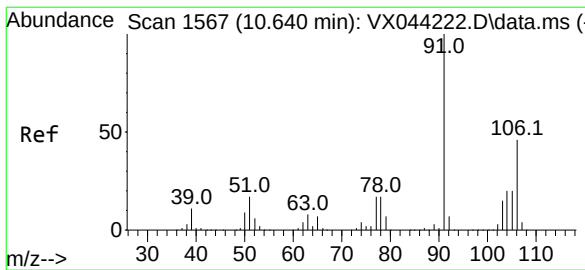
Tgt Ion:106 Resp: 99488

Ion Ratio Lower Upper

106 100

91 203.9 170.2 255.2





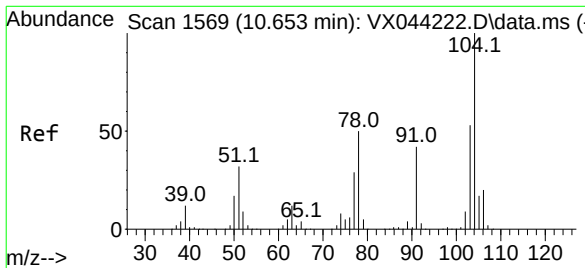
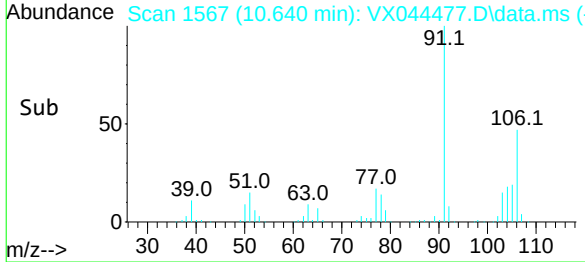
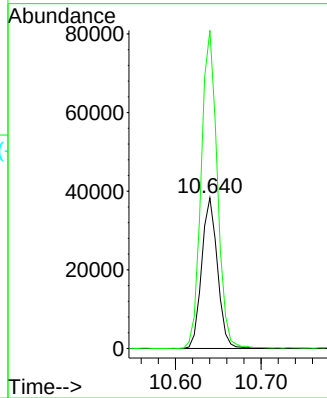
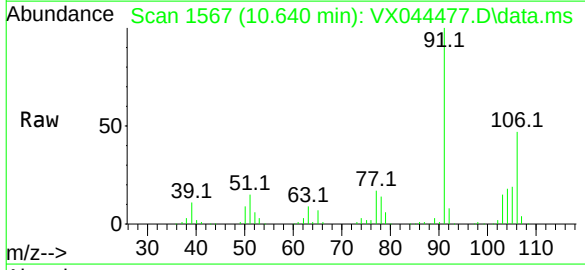
#69
o-Xylene
Concen: 18.990 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion:106 Resp: 49182
Ion Ratio Lower Upper
106 100
91 215.0 112.3 337.0

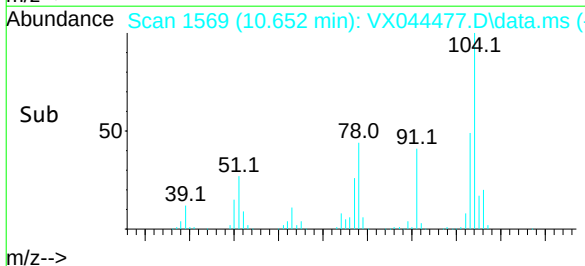
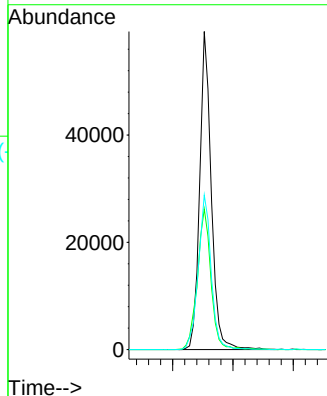
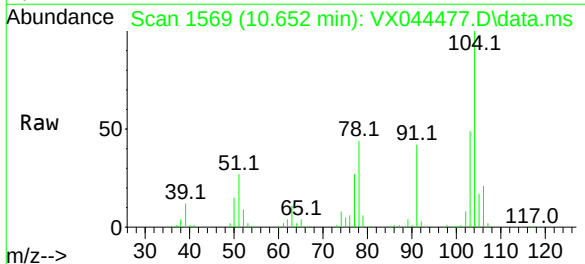
Manual Integrations
APPROVED

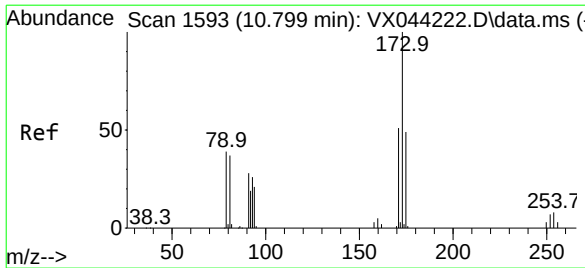
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 19.082 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion:104 Resp: 79223
Ion Ratio Lower Upper
104 100
78 51.7 44.6 67.0
103 54.6 45.4 68.0





#71

Bromoform

Concen: 17.604 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

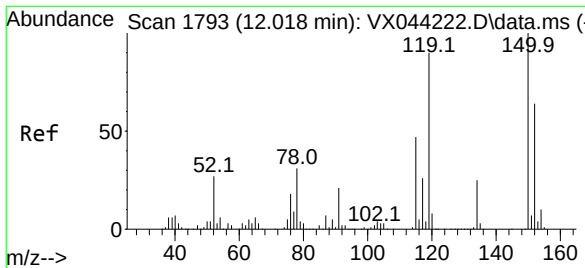
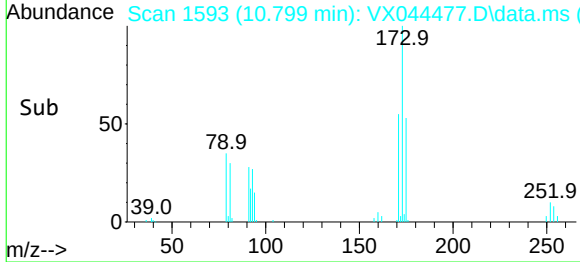
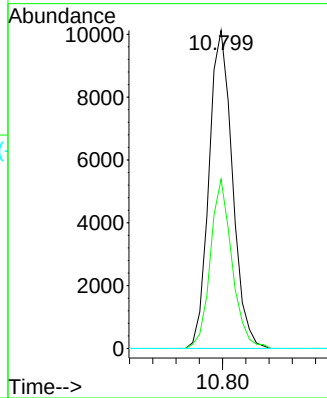
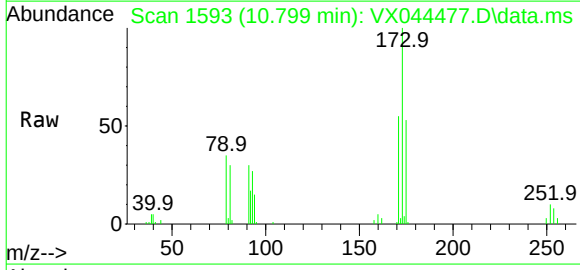
Tgt Ion:	173	Resp:	14161
Ion Ratio	Lower	Upper	
173	100		
175	49.2	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

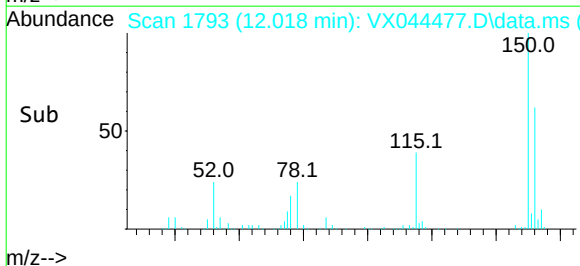
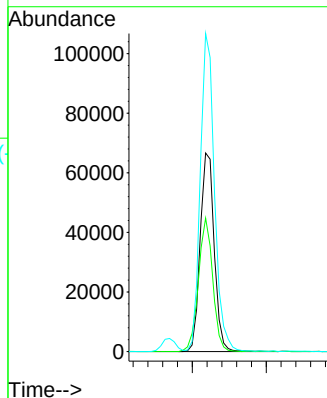
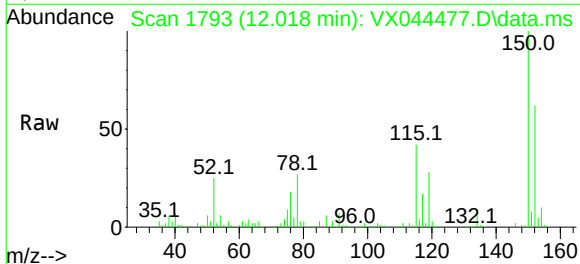
RT: 12.018 min Scan# 1793

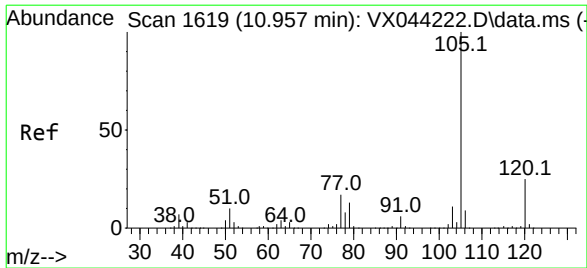
Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Tgt Ion:	152	Resp:	87889
Ion Ratio	Lower	Upper	
152	100		
115	68.3	44.5	133.3
150	161.5	0.0	353.8





#73

Isopropylbenzene

Concen: 18.482 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

Tgt Ion: 105 Resp: 124356

Ion Ratio Lower Upper

105 100

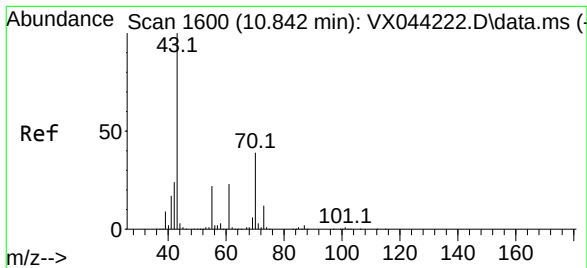
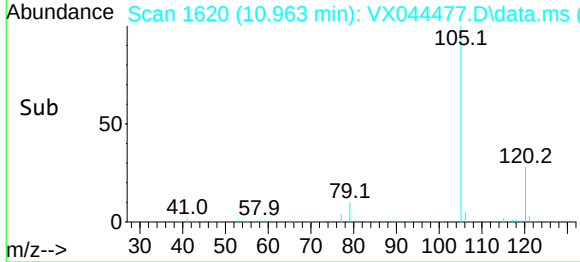
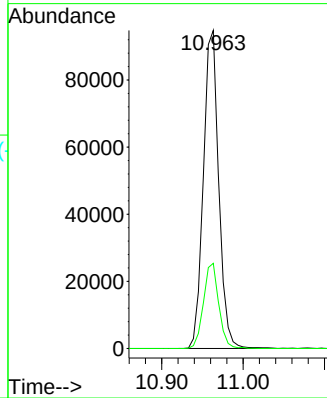
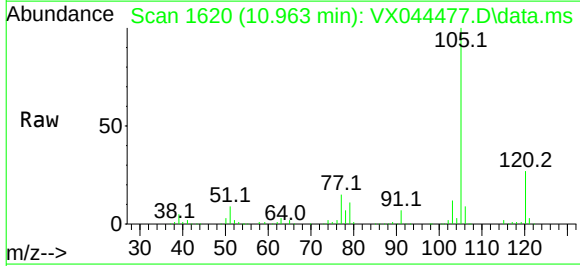
120 26.7 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 15.378 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Tgt Ion: 43 Resp: 47819

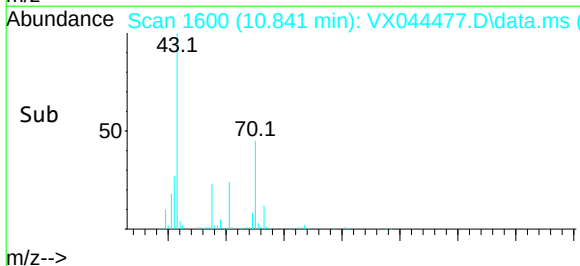
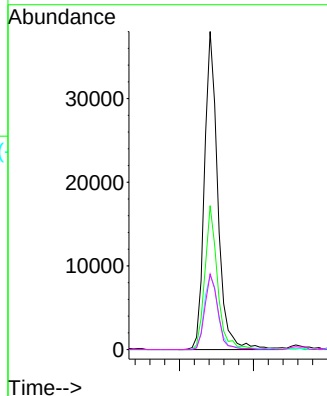
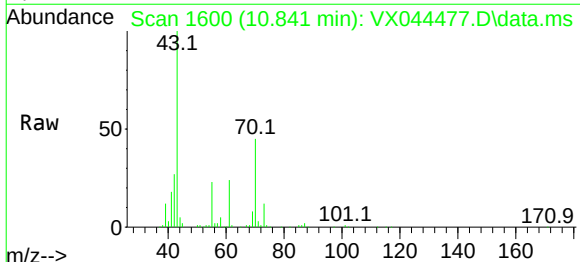
Ion Ratio Lower Upper

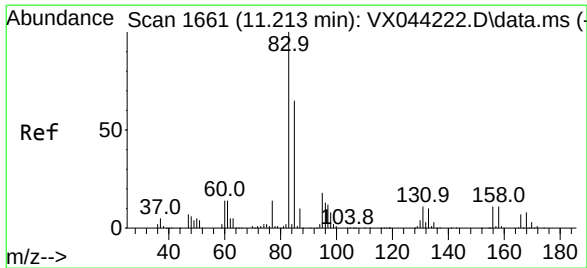
43 100

70 42.8 31.9 47.9

55 25.0 17.9 26.9

61 23.3 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 17.815 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

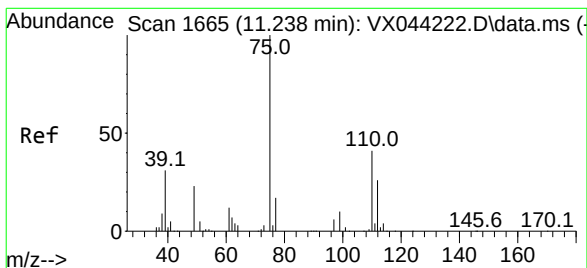
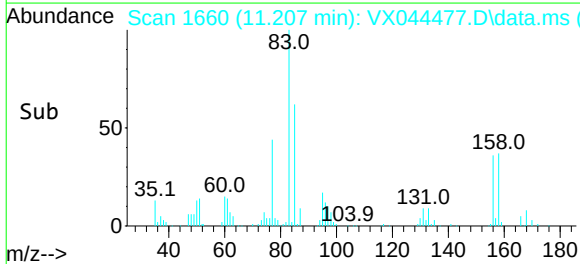
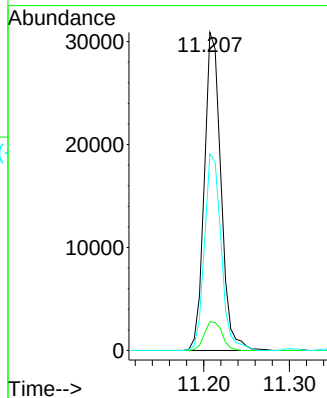
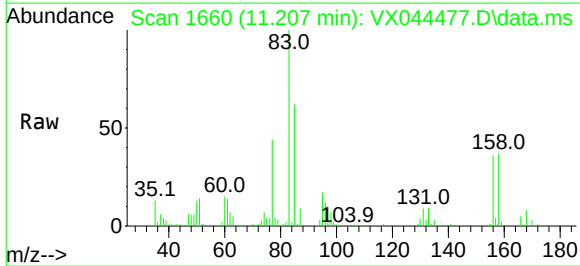
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.1	15.4
85	62.0	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#76

1,2,3-Trichloropropane

Concen: 16.769 ug/l m

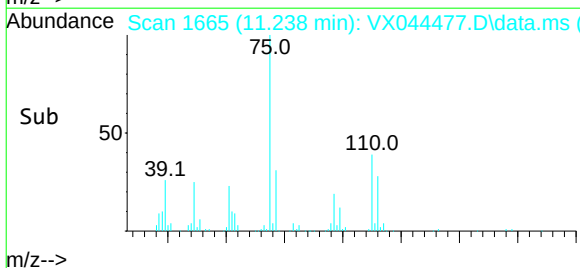
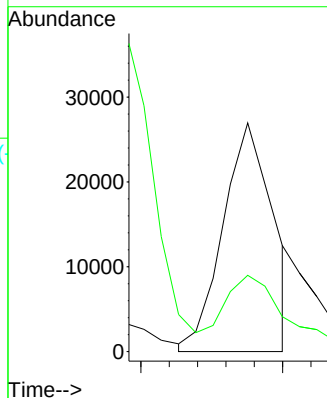
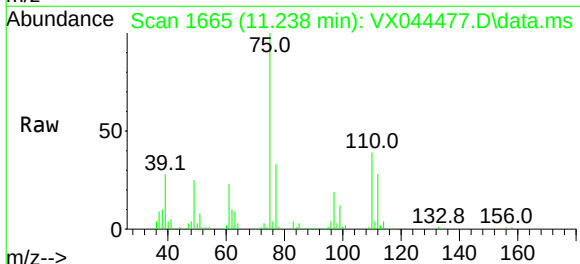
RT: 11.238 min Scan# 1665

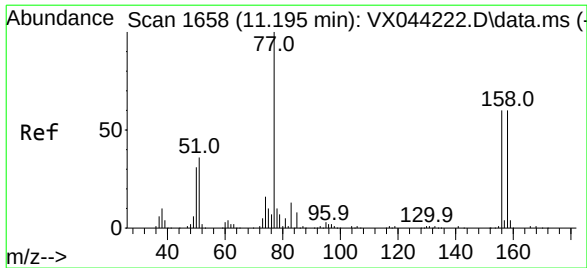
Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.9	20.9	62.7





#77

Bromobenzene

Concen: 19.580 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

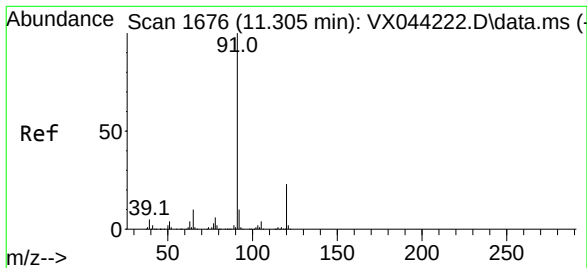
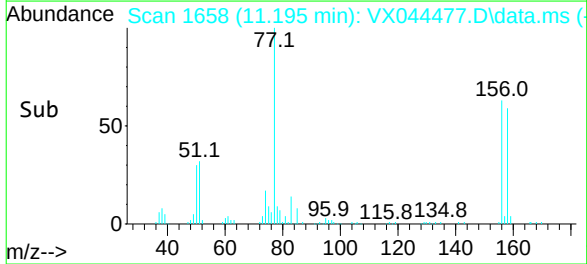
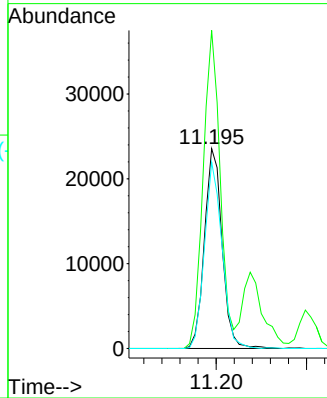
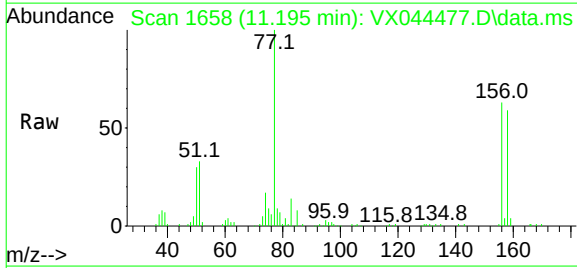
Tgt Ion:	156	Resp:	31946
Ion	Ratio	Lower	Upper
156	100		
77	153.2	82.6	247.8
158	92.6	48.8	146.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#78

n-propylbenzene

Concen: 18.304 ug/l

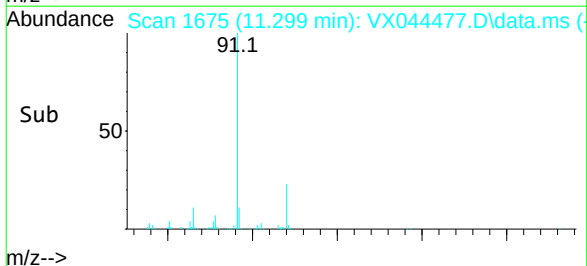
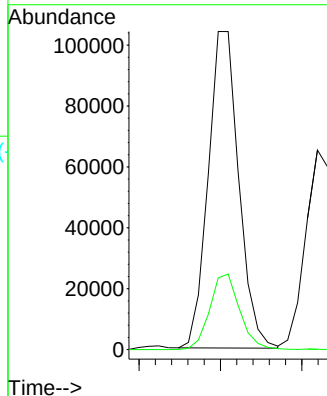
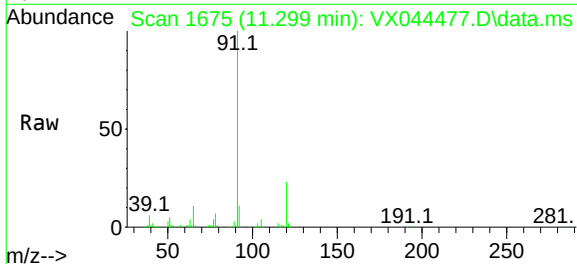
RT: 11.299 min Scan# 1675

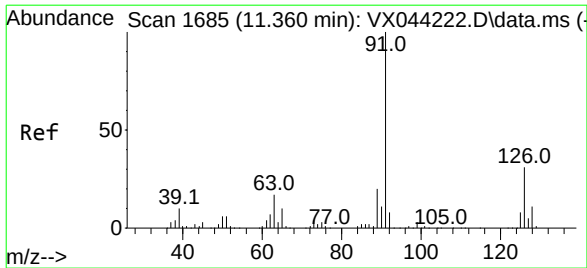
Delta R.T. -0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Tgt Ion:	91	Resp:	136117
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.0	33.0





#79

2-Chlorotoluene

Concen: 17.964 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

Tgt Ion: 91 Resp: 86396

Ion Ratio Lower Upper

91 100

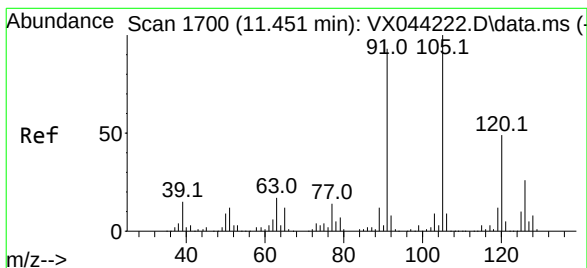
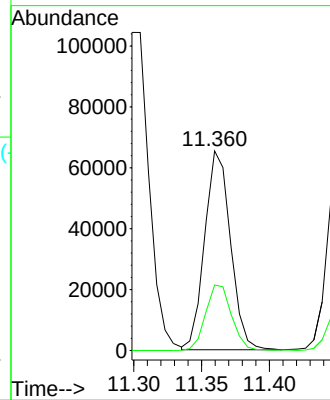
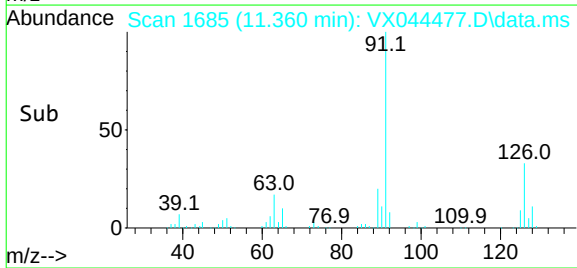
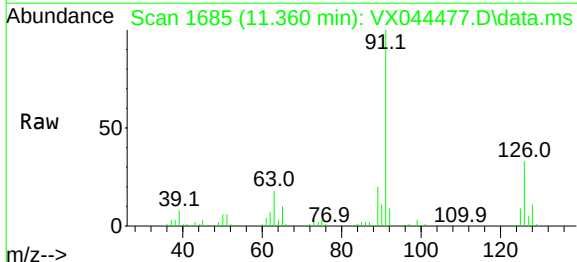
126 33.2 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 18.723 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044477.D

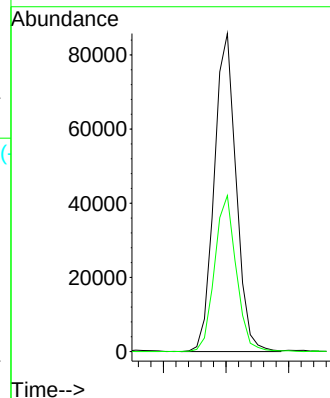
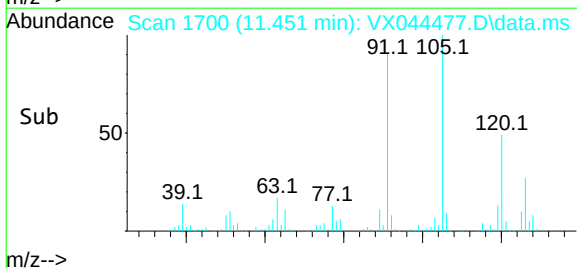
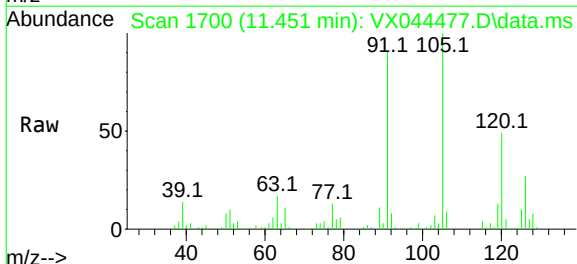
Acq: 23 Dec 2024 14:06

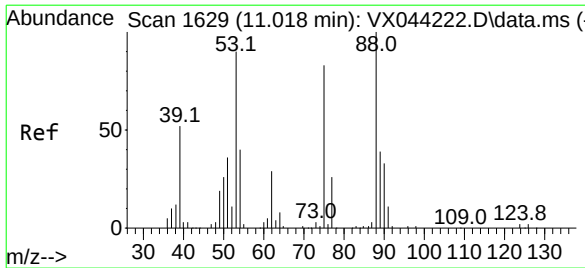
Tgt Ion:105 Resp: 104469

Ion Ratio Lower Upper

105 100

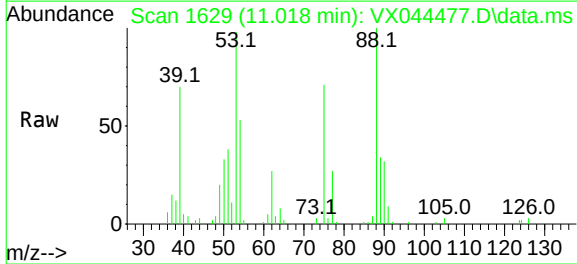
120 48.6 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 17.199 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

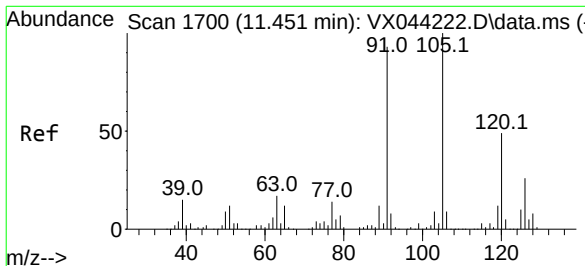
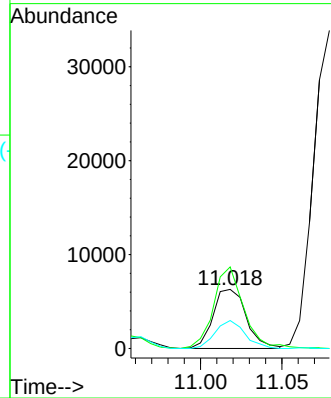
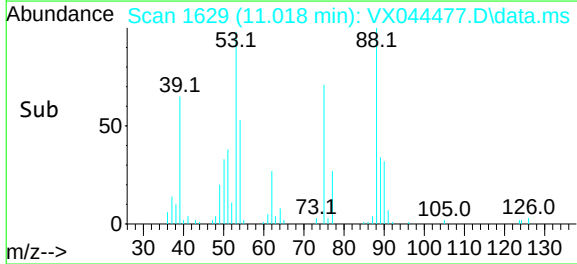
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



Tgt Ion: 75 Resp: 8957
Ion Ratio Lower Upper
75 100
53 125.2 93.6 140.4
89 42.4 37.3 55.9

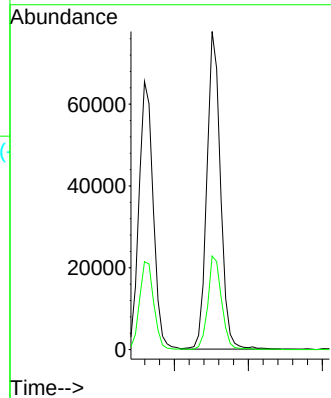
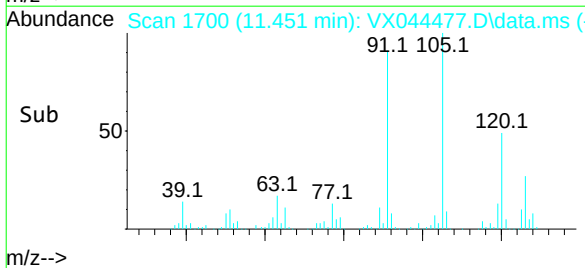
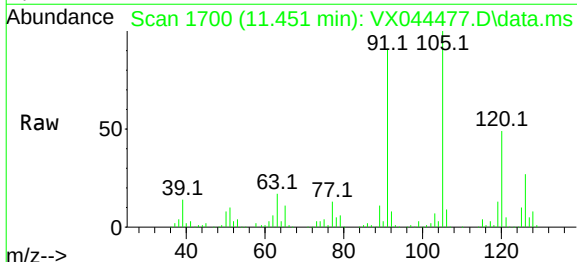
Manual Integrations
APPROVED

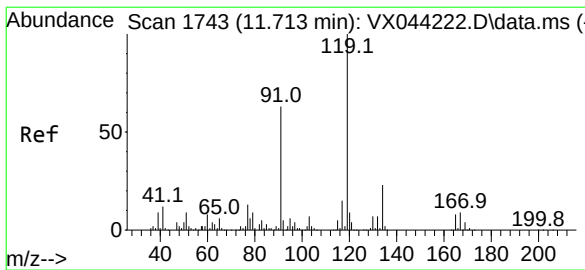
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 18.591 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion: 91 Resp: 99013
Ion Ratio Lower Upper
91 100
126 29.6 14.5 43.5





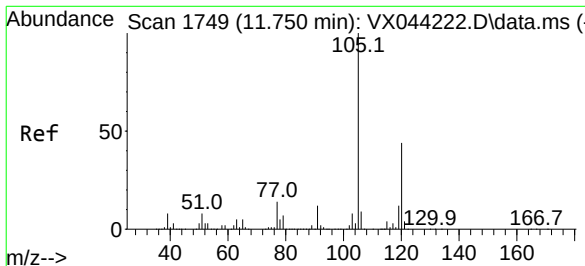
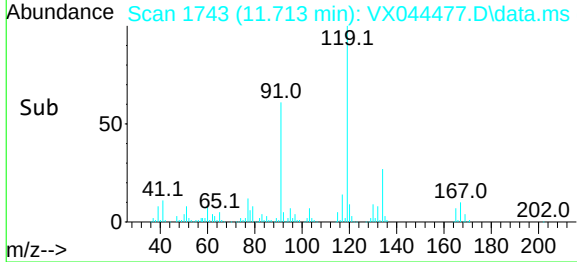
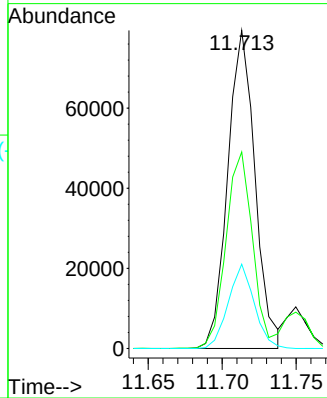
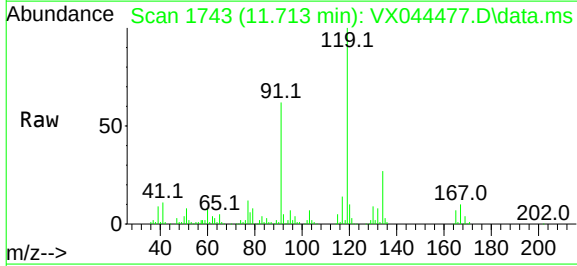
#83
tert-Butylbenzene
Concen: 18.471 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02

Tgt Ion:	119	Resp:	101854
Ion	Ratio	Lower	Upper
119	100		
91	59.6	30.9	92.5
134	25.2	11.5	34.4

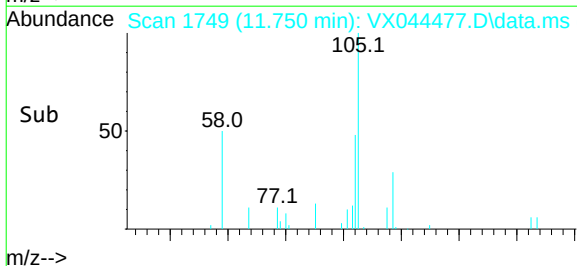
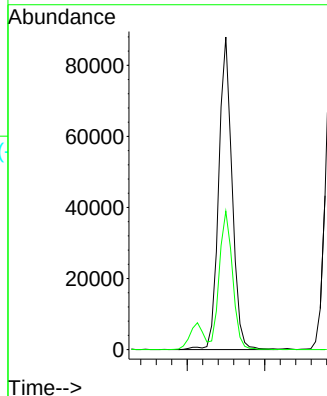
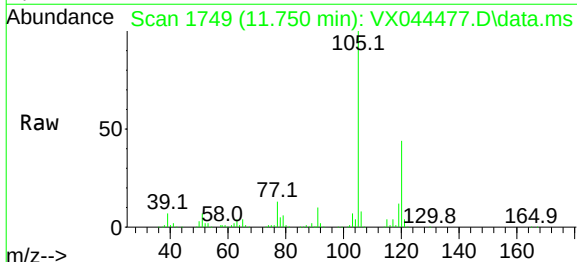
Manual Integrations
APPROVED

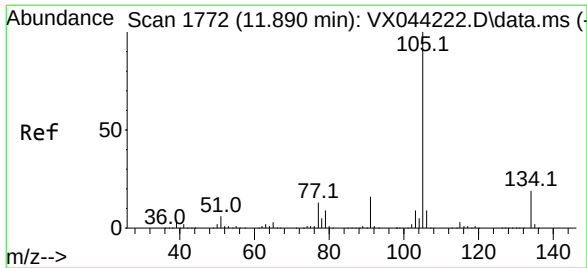
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.239 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

Tgt Ion:	105	Resp:	105424
Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.7	65.1





#85

sec-Butylbenzene

Concen: 18.543 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

Tgt Ion:105 Resp: 124128

Ion Ratio Lower Upper

105 100

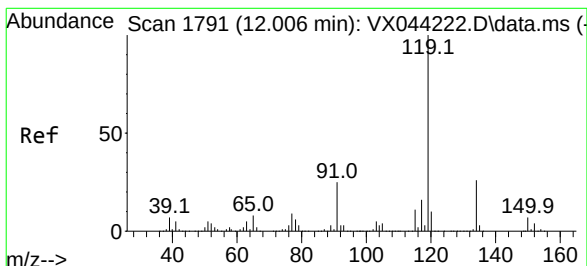
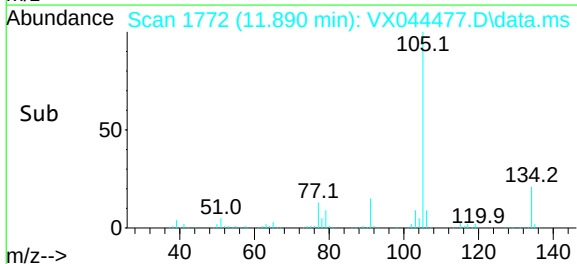
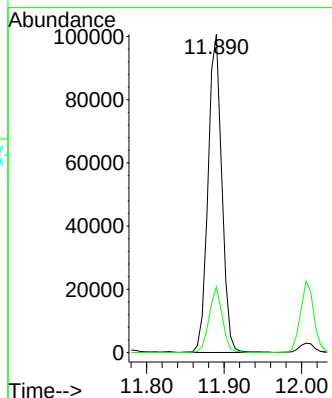
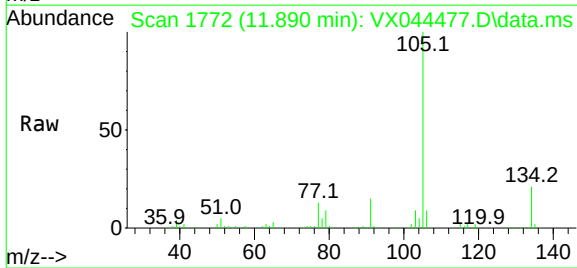
134 19.7 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#86

p-Isopropyltoluene

Concen: 18.562 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

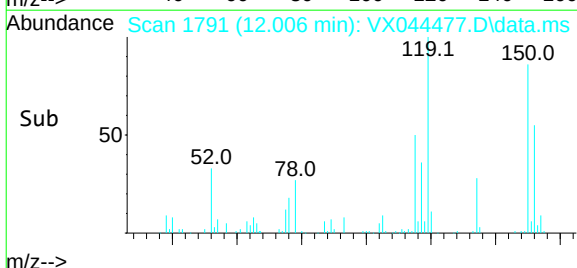
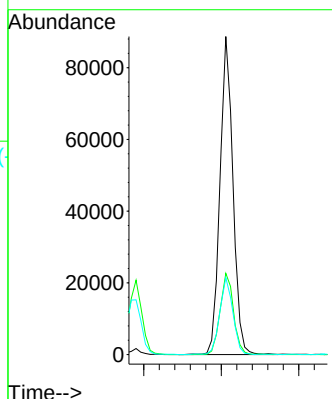
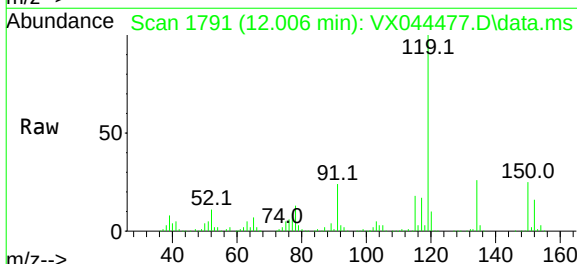
Tgt Ion:119 Resp: 103419

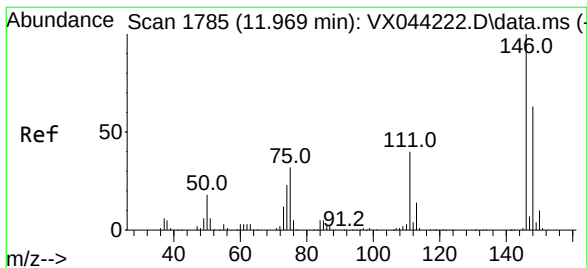
Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.4

91 24.6 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 18.936 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

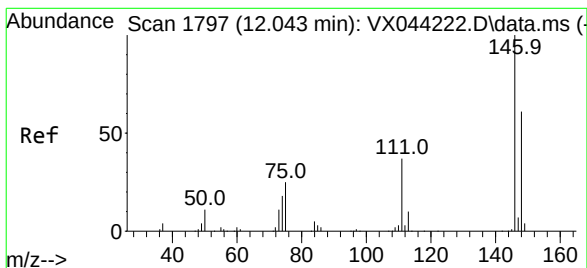
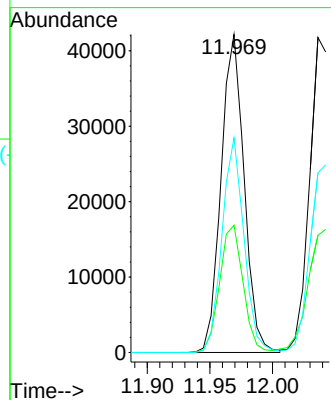
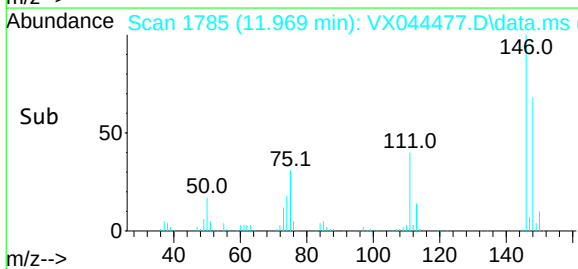
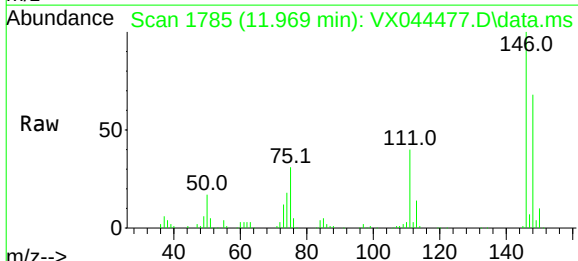
Tgt Ion:	146	Resp:	53968
Ion Ratio	Lower	Upper	
146	100		
111	40.8	21.4	64.2
148	64.4	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#88

1,4-Dichlorobenzene

Concen: 19.312 ug/l

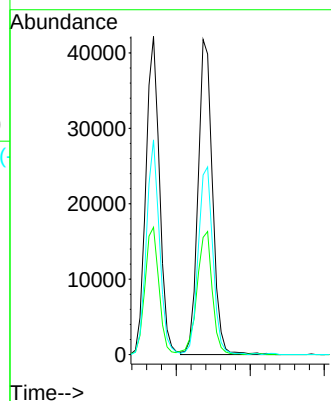
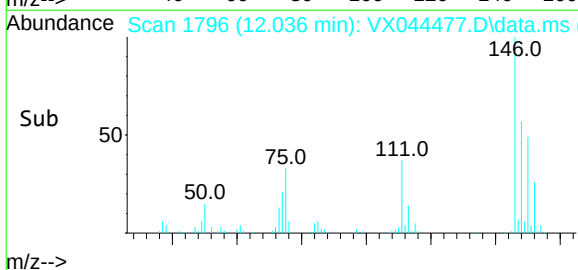
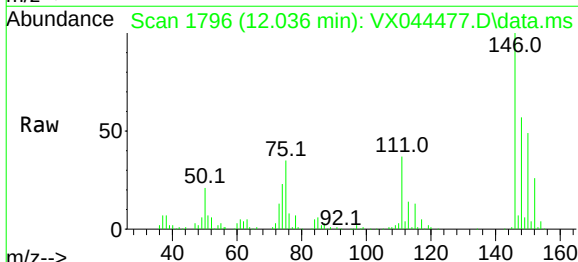
RT: 12.036 min Scan# 1796

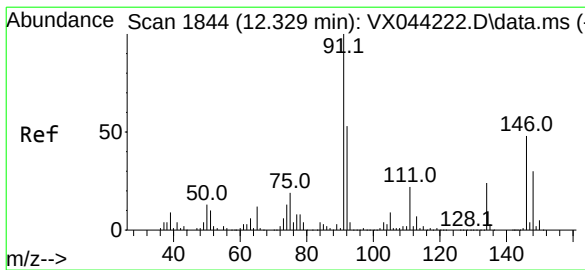
Delta R.T. -0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

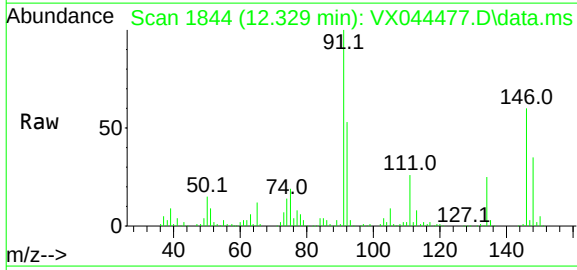
Tgt Ion:	146	Resp:	56577
Ion Ratio	Lower	Upper	
146	100		
111	41.3	21.0	63.0
148	60.7	32.3	96.8





#89
n-Butylbenzene
Concen: 17.794 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

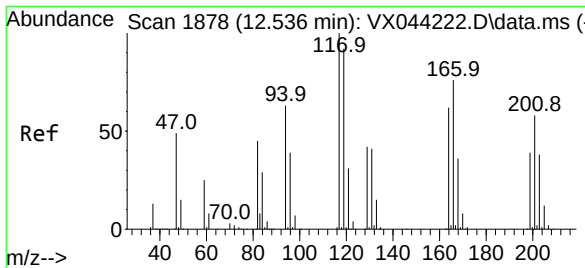
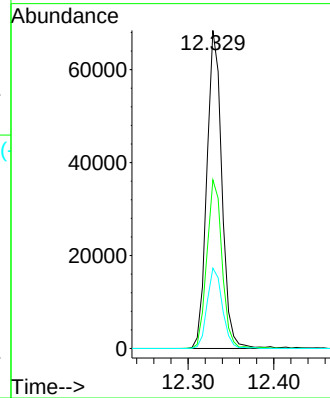
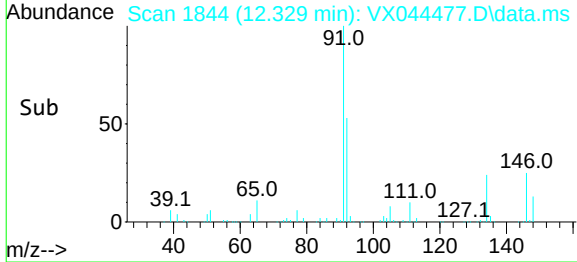
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



Tgt Ion:	91	Resp:	83365
Ion Ratio	Lower	Upper	
91	100		
92	53.6	26.6	79.7
134	25.6	12.6	37.8

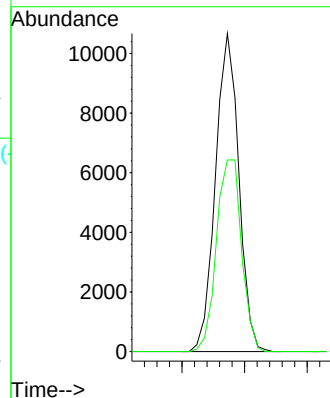
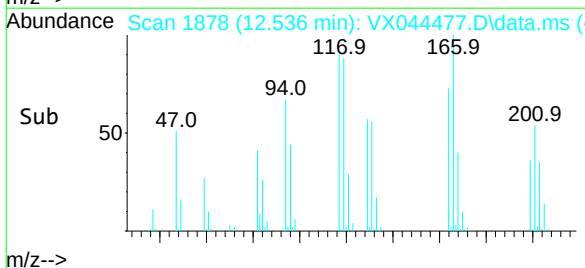
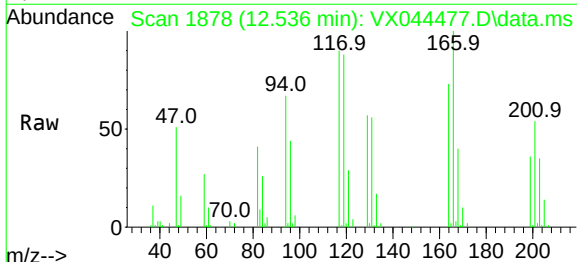
Manual Integrations
APPROVED

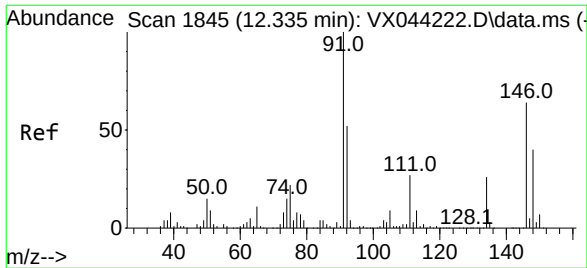
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 16.985 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

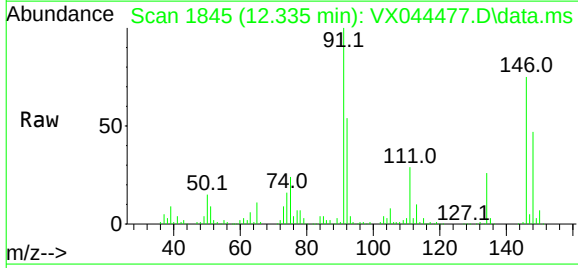
Tgt Ion:	117	Resp:	13814
Ion Ratio	Lower	Upper	
117	100		
201	65.1	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 19.644 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06

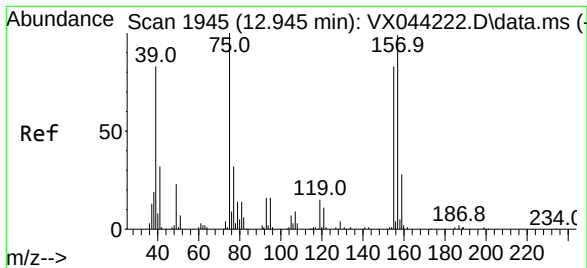
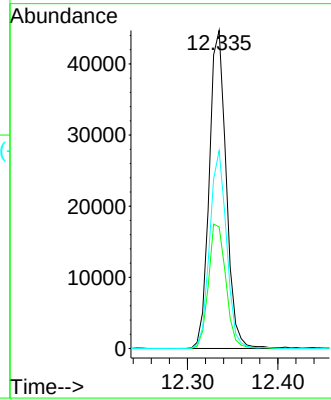
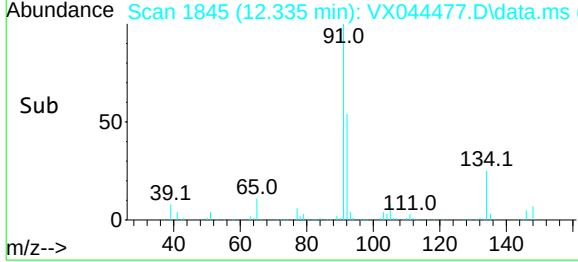
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS02



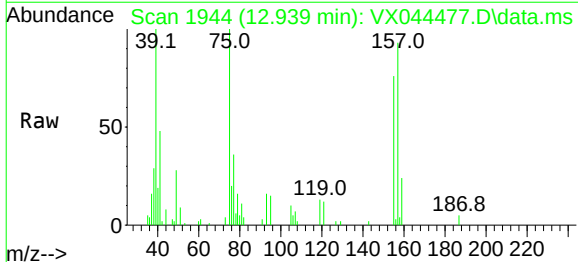
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.4	64.3
148	61.6	31.6	95.0

Manual Integrations
APPROVED

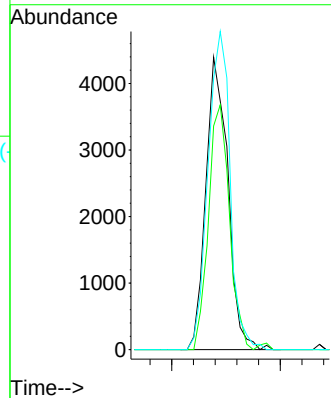
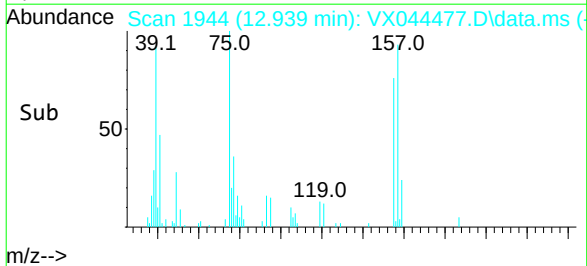
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

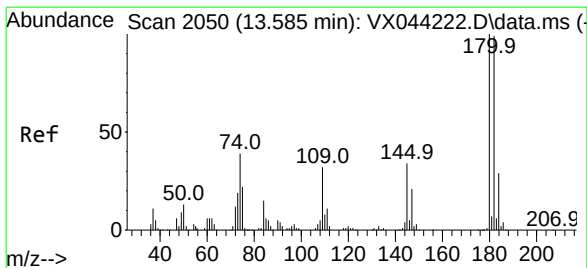


#92
1,2-Dibromo-3-Chloropropane
Concen: 13.671 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044477.D
Acq: 23 Dec 2024 14:06



Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	38.1	114.3
157	108.8	47.2	141.6





#93

1,2,4-Trichlorobenzene

Concen: 19.254 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

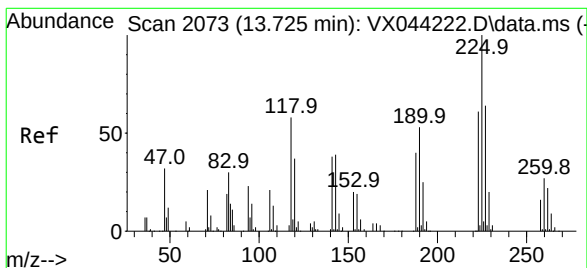
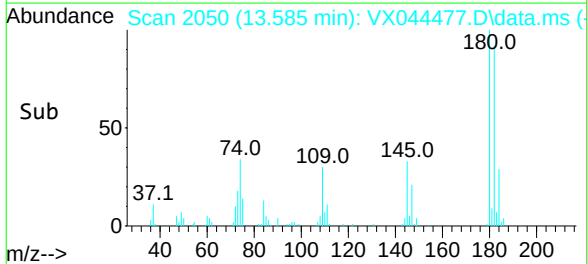
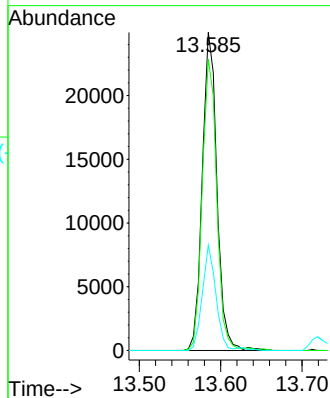
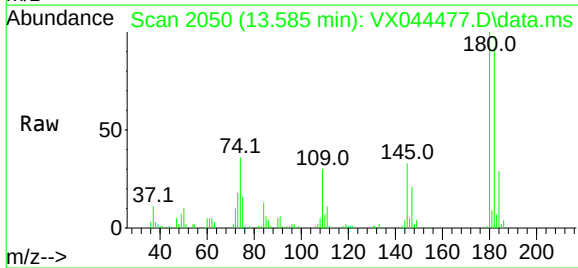
Tgt Ion:	180	Resp:	31237
Ion Ratio	Lower	Upper	
180	100		
182	90.5	48.0	144.2
145	30.5	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#94

Hexachlorobutadiene

Concen: 19.898 ug/l

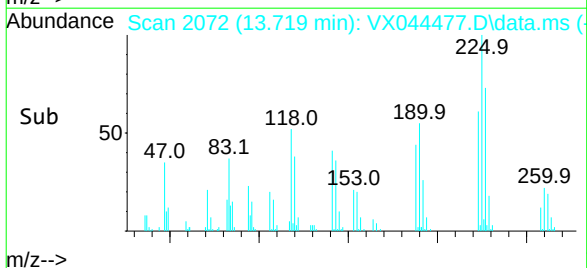
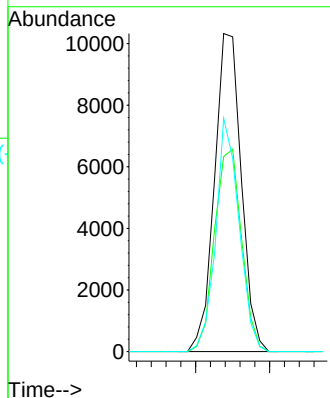
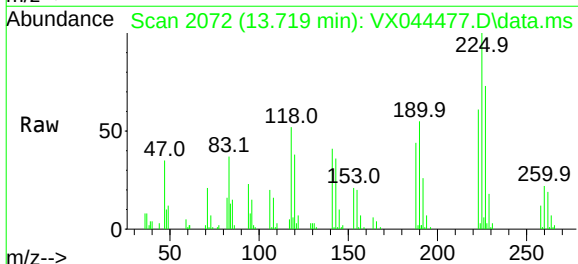
RT: 13.719 min Scan# 2072

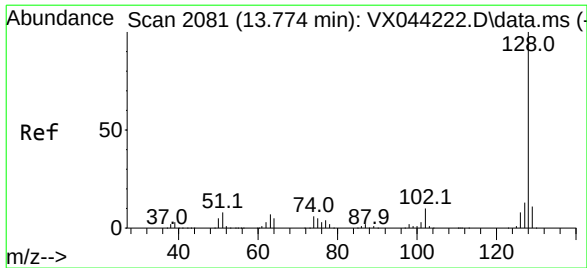
Delta R.T. -0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Tgt Ion:	225	Resp:	12985
Ion Ratio	Lower	Upper	
225	100		
223	64.4	30.8	92.4
227	63.8	32.1	96.3





#95

Naphthalene

Concen: 15.969 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS02

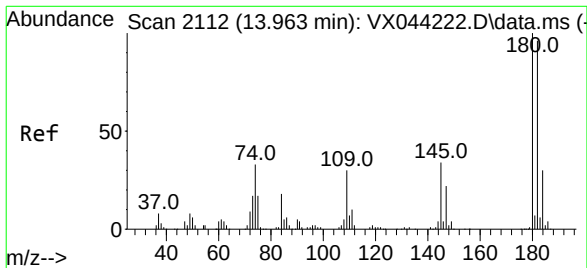
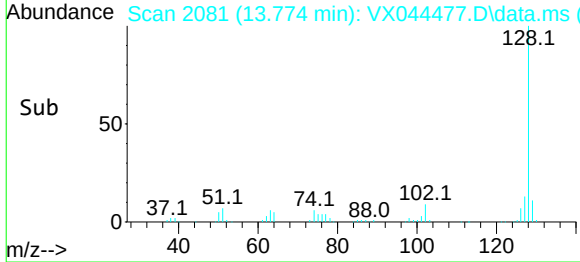
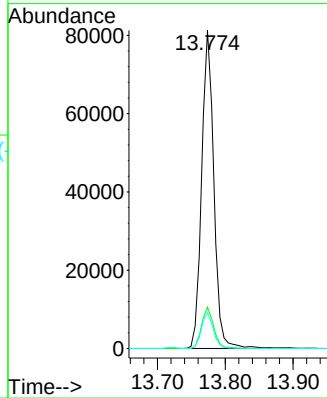
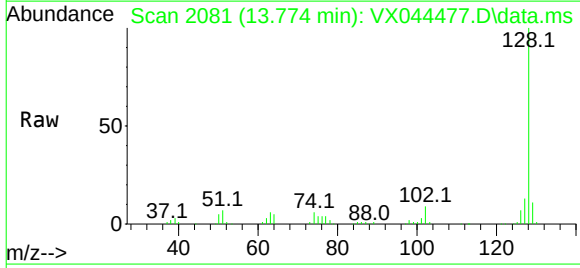
Tgt Ion:	128	Resp:	101125
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.1	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.718 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044477.D

Acq: 23 Dec 2024 14:06

Tgt Ion:	180	Resp:	32210
Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.0	144.0
145	33.3	17.7	53.1

