

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044492.D
 Acq On : 23 Dec 2024 19:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 22:16:40 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	142062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91340	36.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	73.340%#		
35) Dibromofluoromethane	5.379	113	73837	45.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.360%		
50) Toluene-d8	8.647	98	242389	44.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.900%		
62) 4-Bromofluorobenzene	11.079	95	83671	43.908	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.820%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.167	85	99403	45.252	ug/l 99
3) Chloromethane	1.295	50	96315	45.851	ug/l 100
4) Vinyl Chloride	1.374	62	97827	44.703	ug/l 100
5) Bromomethane	1.593	94	66434	42.791	ug/l 98
6) Chloroethane	1.666	64	62749	46.048	ug/l 99
7) Trichlorofluoromethane	1.874	101	151860	35.446	ug/l 98
8) Diethyl Ether	2.130	74	57535	39.343	ug/l 98
9) 1,1,2-Trichlorotrifluo...	2.319	101	78265	45.146	ug/l 92
10) Methyl Iodide	2.447	142	114488	50.107	ug/l 94
11) Tert butyl alcohol	2.996	59	70521	200.889	ug/l 98
12) 1,1-Dichloroethene	2.313	96	75484	47.404	ug/l 91
13) Acrolein	2.233	56	92120	181.285	ug/l 99
14) Allyl chloride	2.660	41	118303	44.605	ug/l 98
15) Acrylonitrile	3.063	53	200626	206.319	ug/l 99
16) Acetone	2.380	43	178267	175.552	ug/l 97
17) Carbon Disulfide	2.508	76	139644	46.135	ug/l 100
18) Methyl Acetate	2.703	43	104075	39.750	ug/l 94
19) Methyl tert-butyl Ether	3.111	73	262040	42.170	ug/l 98
20) Methylene Chloride	2.782	84	88543	46.423	ug/l 96
21) trans-1,2-Dichloroethene	3.087	96	77251	45.648	ug/l 93
22) Diisopropyl ether	3.758	45	259272	43.412	ug/l 95
23) Vinyl Acetate	3.715	43	1084781	223.409	ug/l 98
24) 1,1-Dichloroethane	3.605	63	150456	45.194	ug/l 99
25) 2-Butanone	4.556	43	271591	188.131	ug/l 98
26) 2,2-Dichloropropane	4.471	77	119970	44.358	ug/l 97
27) cis-1,2-Dichloroethene	4.483	96	96440	44.871	ug/l 95
28) Bromochloromethane	4.892	49	64763	39.671	ug/l 94
29) Tetrahydrofuran	5.001	42	173821	187.586	ug/l 98
30) Chloroform	5.093	83	162393	43.416	ug/l 98
31) Cyclohexane	5.458	56	115044	42.794	ug/l 99
32) 1,1,1-Trichloroethane	5.379	97	140086	45.118	ug/l 99
36) 1,1-Dichloropropene	5.684	75	101604	48.625	ug/l 98
37) Ethyl Acetate	4.715	43	109126	42.249	ug/l 97
38) Carbon Tetrachloride	5.672	117	111385	49.513	ug/l 98
39) Methylcyclohexane	7.373	83	125247	50.139	ug/l 96
40) Benzene	6.032	78	325004	51.229	ug/l 100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58306	42.511	ug/l	96
42) 1,2-Dichloroethane	6.080	62	124536	47.653	ug/l	98
43) Isopropyl Acetate	6.336	43	177770	44.034	ug/l	97
44) Trichloroethene	7.117	130	82827	52.353	ug/l	98
45) 1,2-Dichloropropane	7.428	63	82109	50.659	ug/l	99
46) Dibromomethane	7.580	93	64127	50.998	ug/l	94
47) Bromodichloromethane	7.818	83	114072	52.527	ug/l	98
48) Methyl methacrylate	7.690	41	85907	43.837	ug/l	96
49) 1,4-Dioxane	7.665	88	31930	982.728	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	556283	214.305	ug/l	98
52) Toluene	8.714	92	201289	50.524	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	109547	47.186	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	123531	52.242	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	80941	51.140	ug/l	98
56) Ethyl methacrylate	9.116	69	118479	47.418	ug/l	97
57) 1,3-Dichloropropane	9.305	76	134913	48.972	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	263448	209.048	ug/l	98
59) 2-Hexanone	9.427	43	403537	214.776	ug/l	99
60) Dibromochloromethane	9.519	129	81910	48.943	ug/l	99
61) 1,2-Dibromoethane	9.604	107	83250	51.675	ug/l	96
64) Tetrachloroethene	9.269	164	72600	54.558	ug/l	96
65) Chlorobenzene	10.080	112	221119	51.470	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	75407	54.615	ug/l	99
67) Ethyl Benzene	10.189	91	376573	50.731	ug/l	99
68) m/p-Xylenes	10.299	106	286106	105.040	ug/l	94
69) o-Xylene	10.640	106	142004	51.527	ug/l	94
70) Styrene	10.653	104	236734	53.584	ug/l	95
71) Bromoform	10.799	173	49054	50.746	ug/l #	99
73) Isopropylbenzene	10.958	105	362803	48.696	ug/l	100
74) N-amyl acetate	10.842	43	152291	44.229	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	118300	45.716	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95824m	44.099	ug/l	
77) Bromobenzene	11.195	156	91156	50.455	ug/l	94
78) n-propylbenzene	11.299	91	412127	50.048	ug/l	98
79) 2-Chlorotoluene	11.360	91	251412	47.209	ug/l	98
80) 1,3,5-Trimethylbenzene	11.445	105	300384	48.618	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30857	41.730	ug/l	95
82) 4-Chlorotoluene	11.451	91	283625	48.094	ug/l	97
83) tert-Butylbenzene	11.713	119	306541	50.203	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	305617	50.368	ug/l	98
85) sec-Butylbenzene	11.890	105	367512	49.579	ug/l	99
86) p-Isopropyltoluene	12.006	119	309480	50.162	ug/l	98
87) 1,3-Dichlorobenzene	11.963	146	162721	51.562	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	163225	50.314	ug/l	97
89) n-Butylbenzene	12.329	91	259880	50.094	ug/l	99
90) Hexachloroethane	12.536	117	46945	52.126	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	162236	49.511	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21028	41.860	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	97256	54.137	ug/l	99
94) Hexachlorobutadiene	13.719	225	40220	55.660	ug/l	99
95) Naphthalene	13.774	128	321843	45.897	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	99323	52.126	ug/l	98

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VSTDCCC050EC

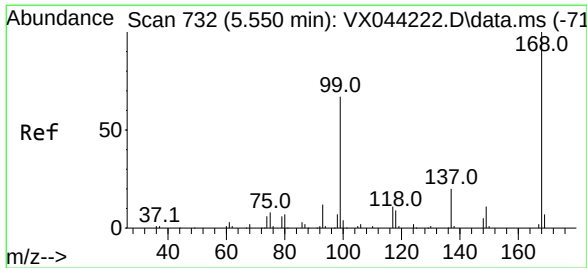
Manual Integrations
APPROVED

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

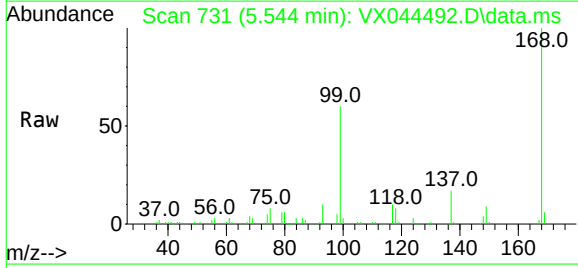
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044492.D
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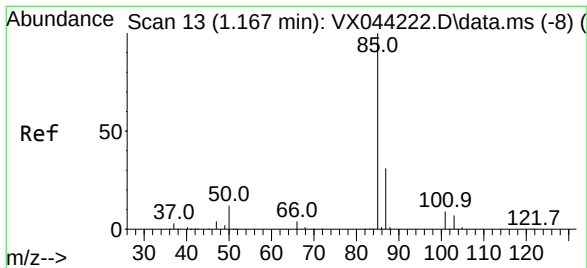
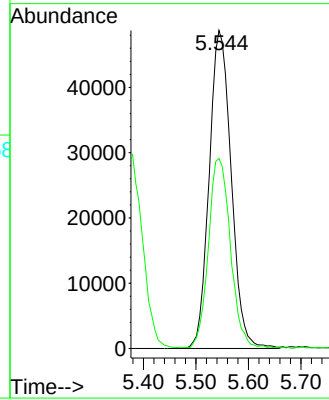
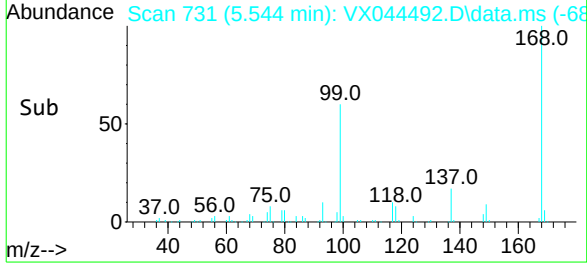
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 142062
Ion Ratio Lower Upper
168 100
99 59.6 53.4 80.0

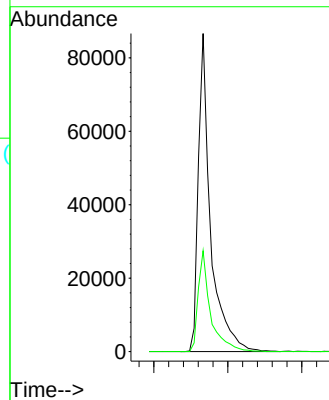
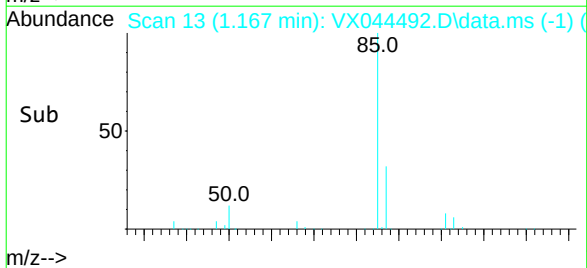
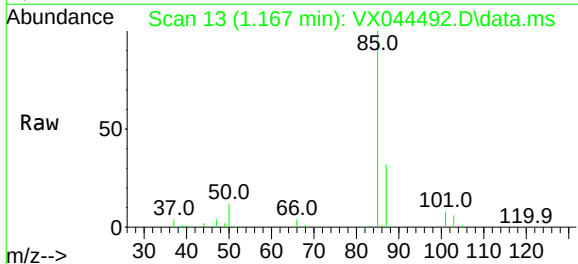
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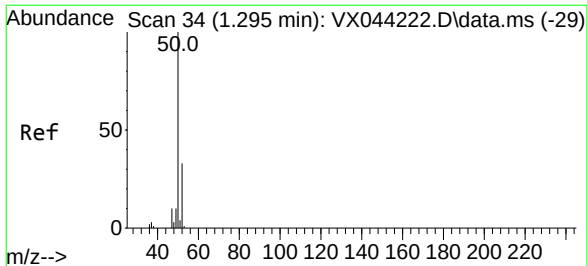
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#2
Dichlorodifluoromethane
Concen: 45.252 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

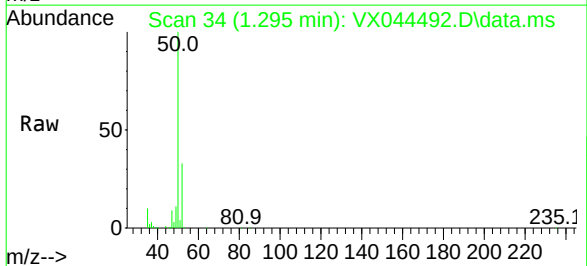
Tgt Ion: 85 Resp: 99403
Ion Ratio Lower Upper
85 100
87 31.7 15.4 46.4





#3
Chloromethane
Concen: 45.851 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

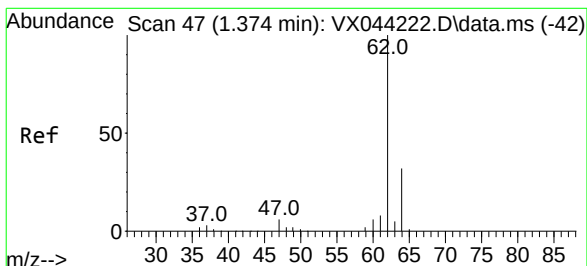
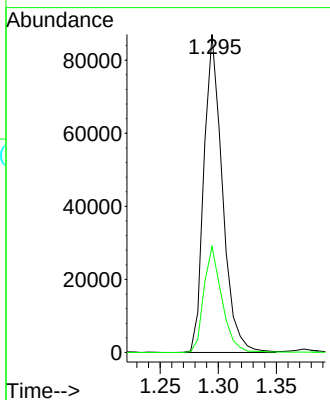
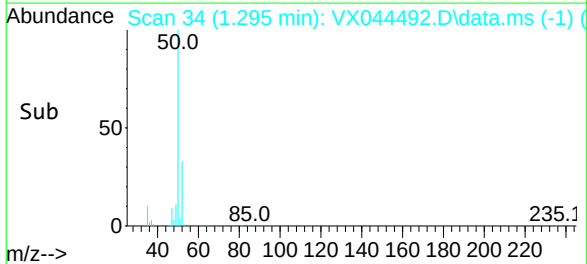
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 96315
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

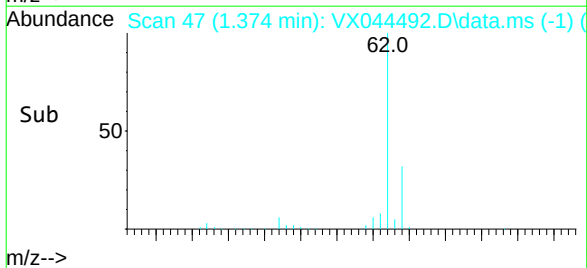
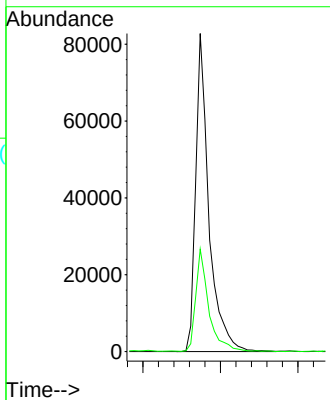
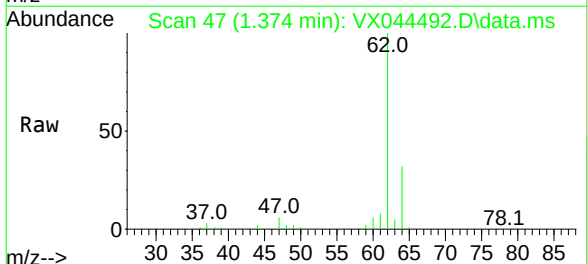
Manual Integrations
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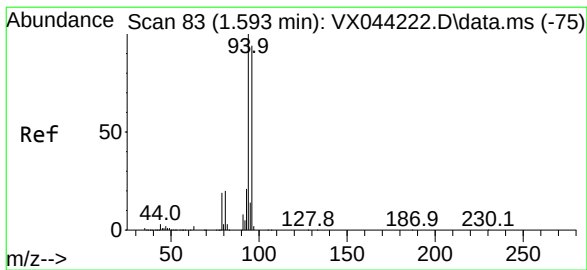
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#4
Vinyl Chloride
Concen: 44.703 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 62 Resp: 97827
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5





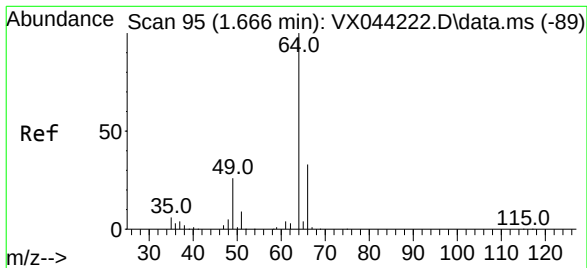
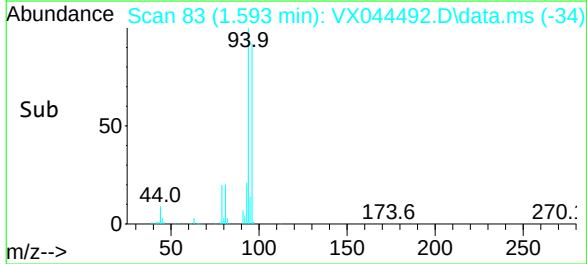
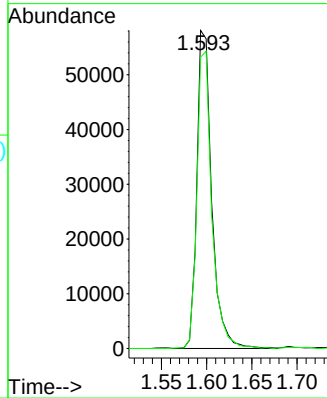
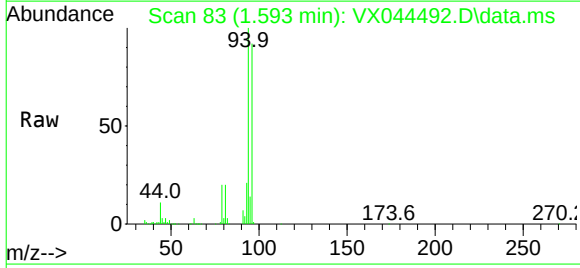
#5
Bromomethane
Concen: 42.791 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 66434
Ion Ratio Lower Upper
94 100
96 91.4 74.9 112.3

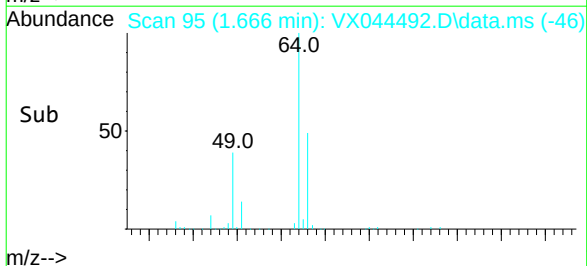
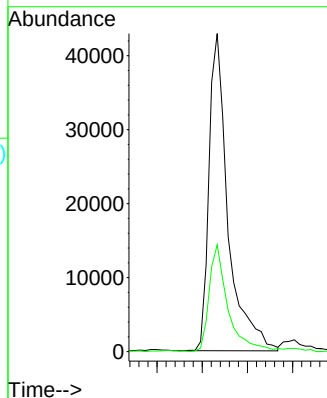
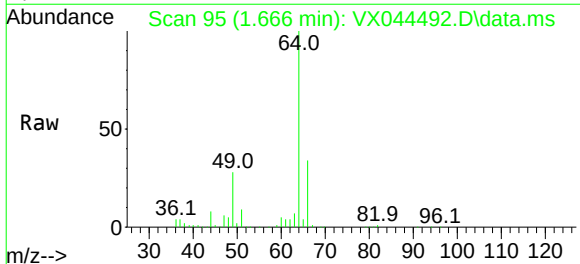
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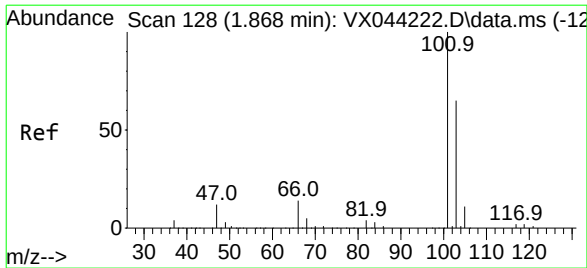
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#6
Chloroethane
Concen: 46.048 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

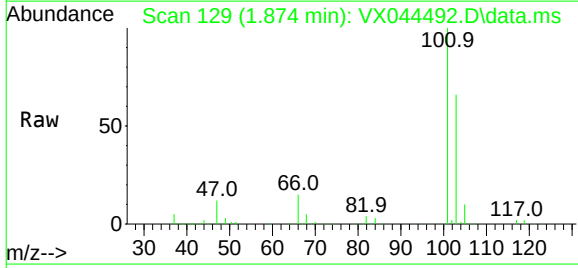
Tgt Ion: 64 Resp: 62749
Ion Ratio Lower Upper
64 100
66 33.5 26.6 39.8





#7
Trichlorofluoromethane
Concen: 35.446 ug/l
RT: 1.874 min Scan# 128
Delta R.T. 0.006 min
Lab File: VX044492.D
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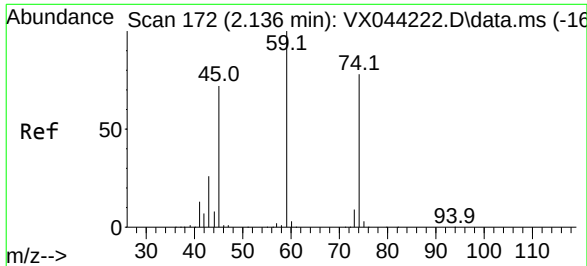
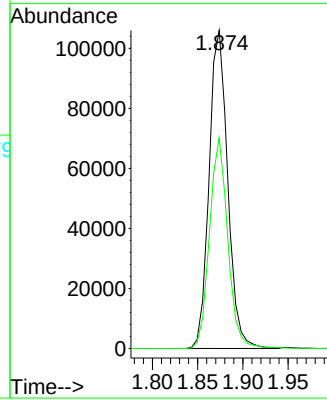
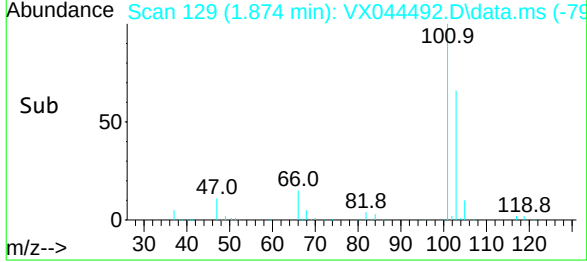
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 151866
Ion Ratio Lower Upper
101 100
103 66.2 51.8 77.8

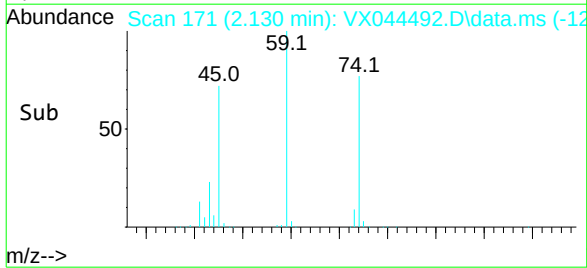
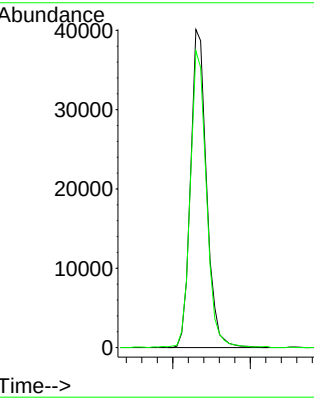
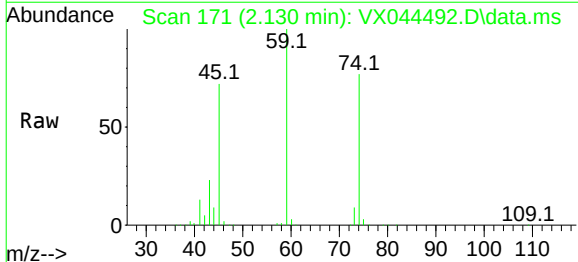
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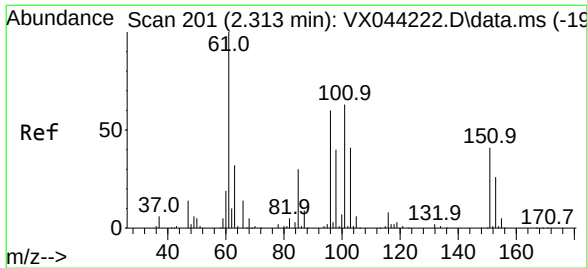
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#8
Diethyl Ether
Concen: 39.343 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

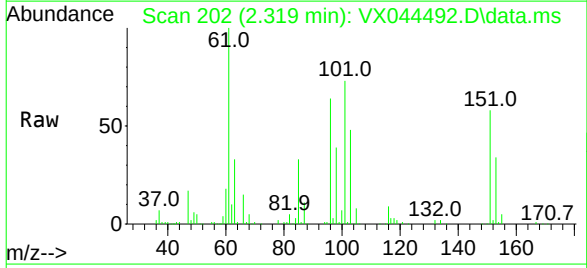
Tgt Ion: 74 Resp: 57535
Ion Ratio Lower Upper
74 100
45 94.4 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.146 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044492.D
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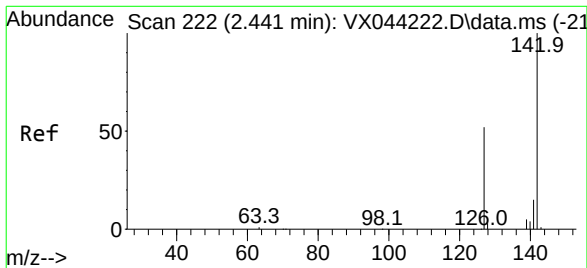
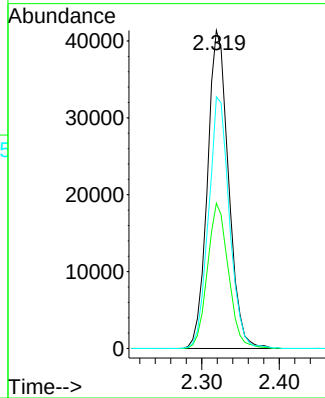
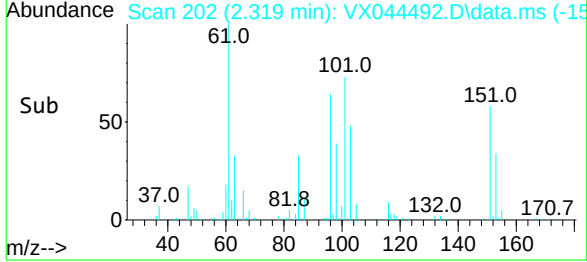
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 78265
Ion Ratio Lower Upper
101 100
85 45.3 38.5 57.7
151 78.3 55.8 83.6

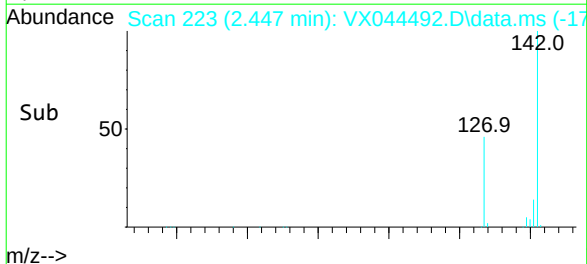
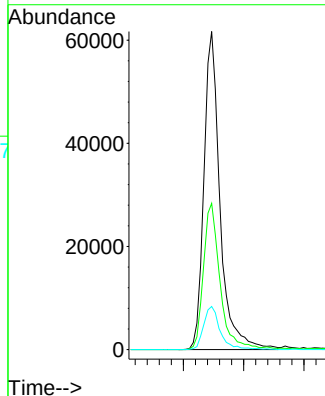
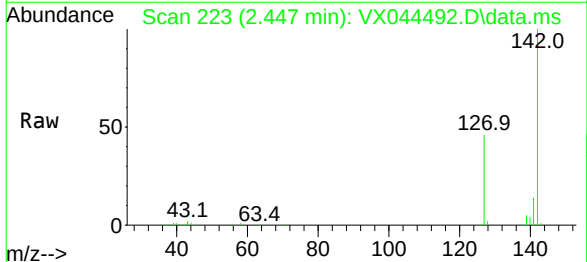
Manual Integrations
APPROVED

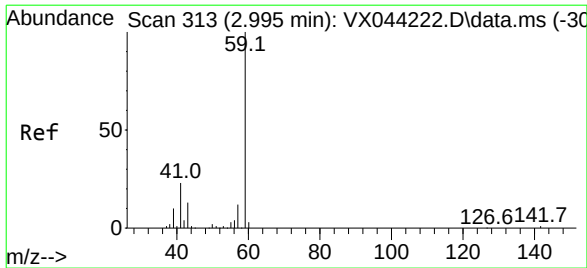
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#10
Methyl Iodide
Concen: 50.107 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:142 Resp: 114488
Ion Ratio Lower Upper
142 100
127 47.2 41.8 62.8
141 14.1 11.5 17.3





#11

Tert butyl alcohol

Concen: 200.889 ug/l

RT: 2.996 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 70521

Ion Ratio Lower Upper

59 100

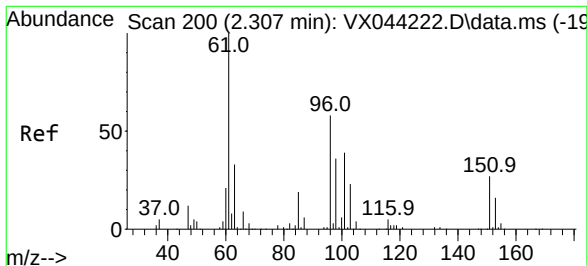
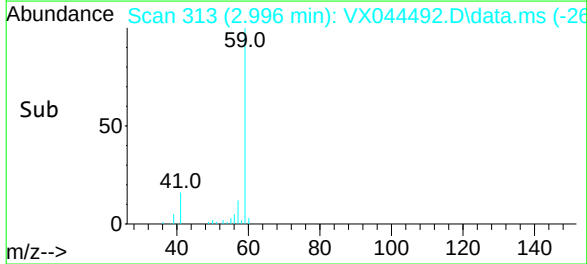
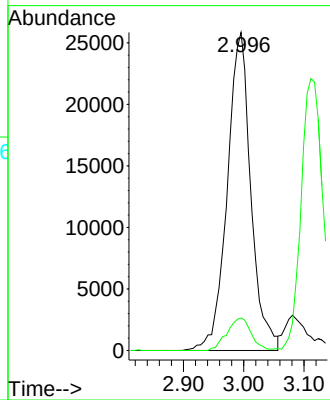
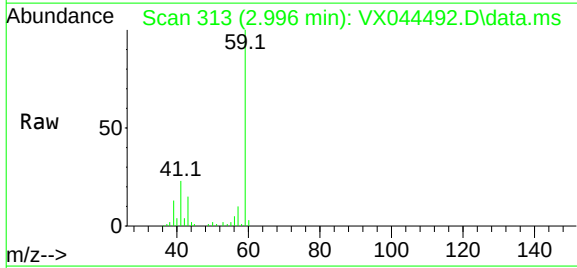
57 10.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#12

1,1-Dichloroethene

Concen: 47.404 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

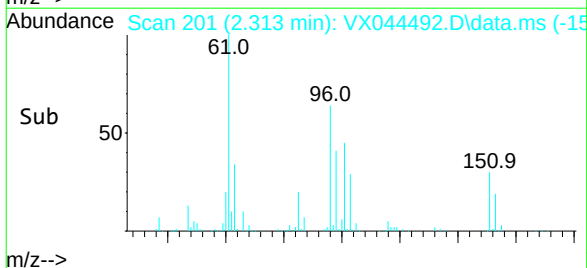
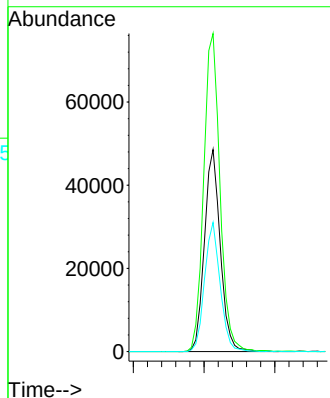
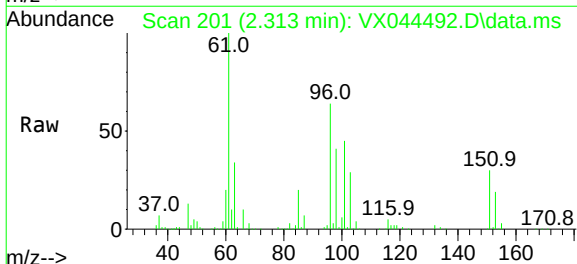
Tgt Ion: 96 Resp: 75484

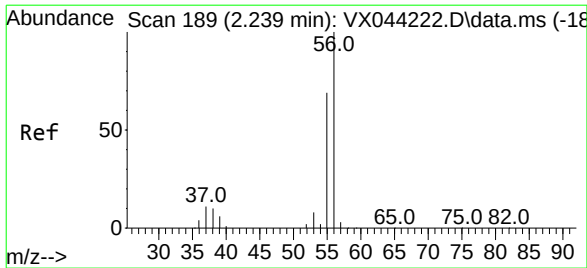
Ion Ratio Lower Upper

96 100

61 157.4 138.0 207.0

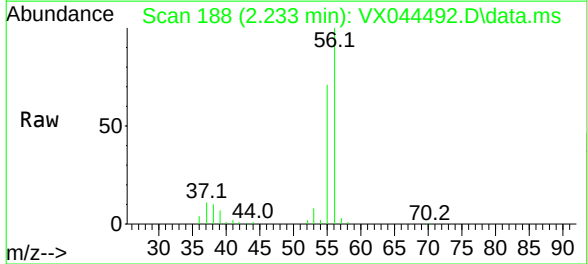
98 63.9 50.0 75.0





#13
Acrolein
Concen: 181.285 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

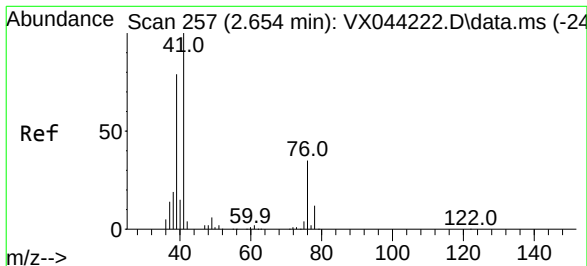
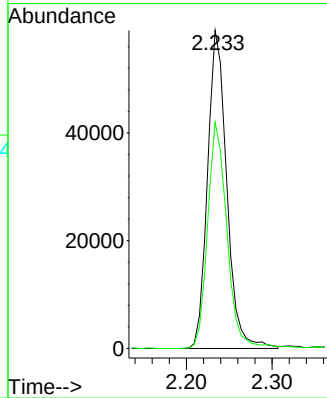
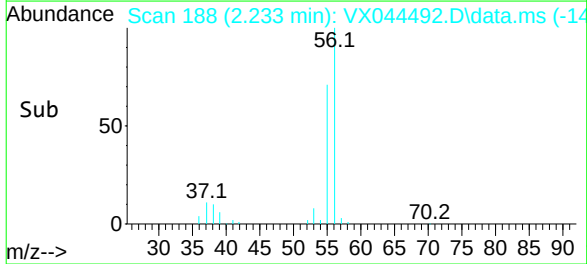
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 92120
Ion Ratio Lower Upper
56 100
55 71.8 56.6 84.8

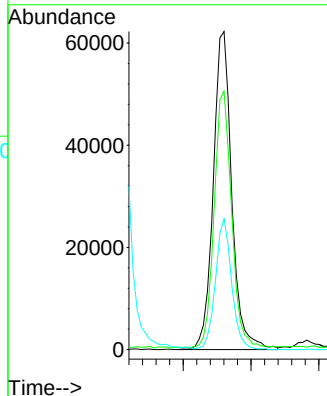
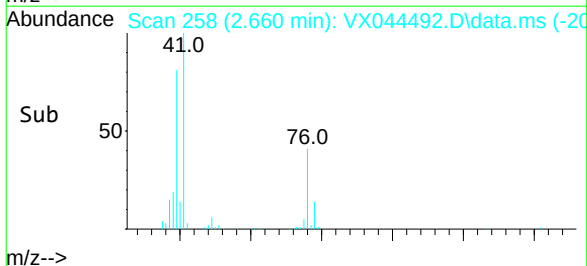
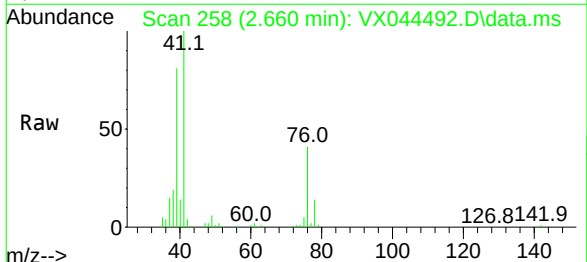
Manual Integrations
APPROVED

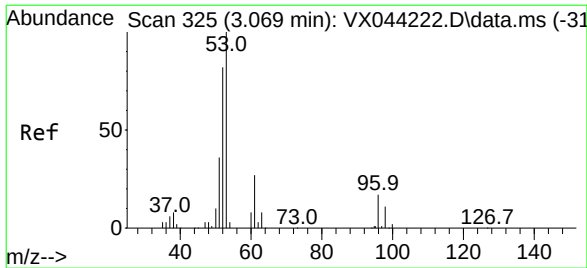
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#14
Allyl chloride
Concen: 44.605 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 41 Resp: 118303
Ion Ratio Lower Upper
41 100
39 76.1 61.9 92.9
76 36.0 27.4 41.2





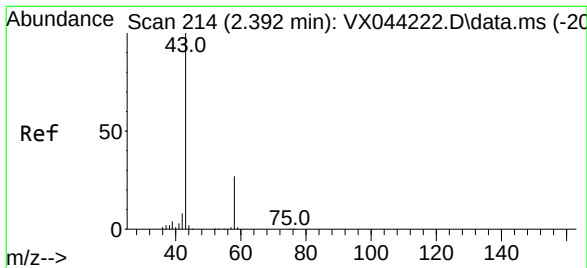
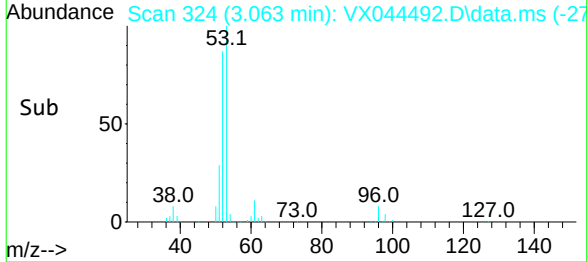
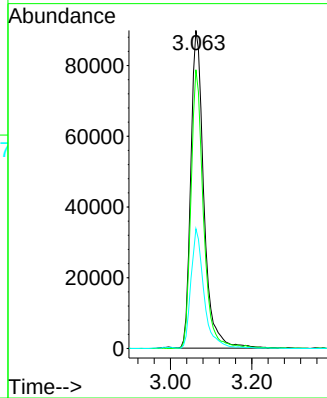
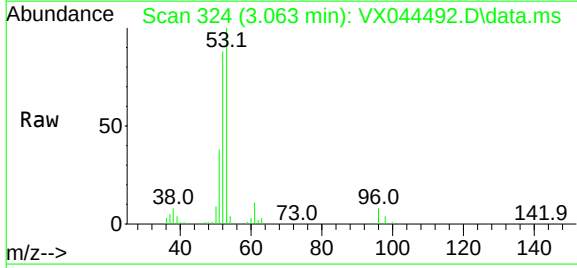
#15
Acrylonitrile
Concen: 206.319 ug/l
RT: 3.063 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 200626
Ion Ratio Lower Upper
53 100
52 83.5 67.4 101.0
51 37.1 30.3 45.5

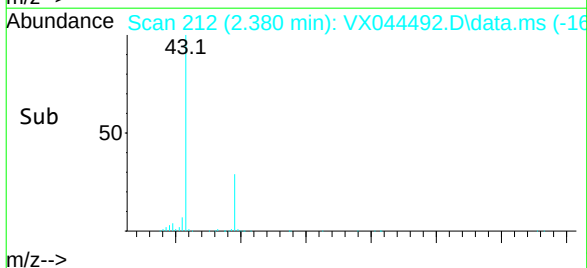
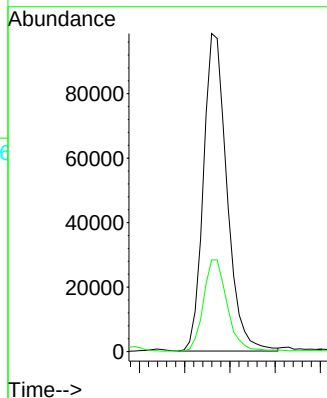
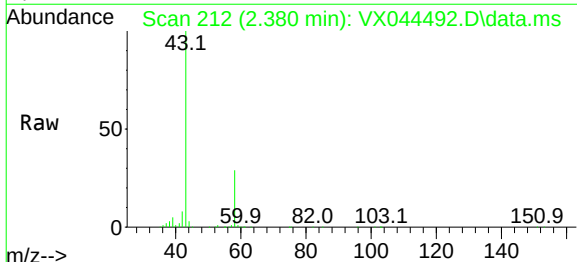
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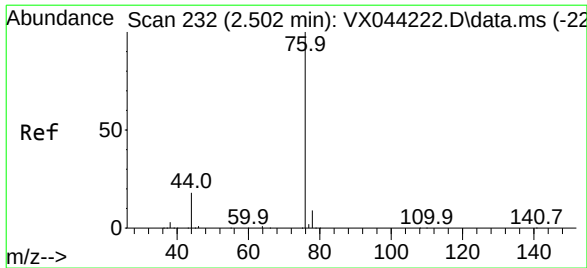
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 175.552 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 178267
Ion Ratio Lower Upper
43 100
58 28.7 21.6 32.4





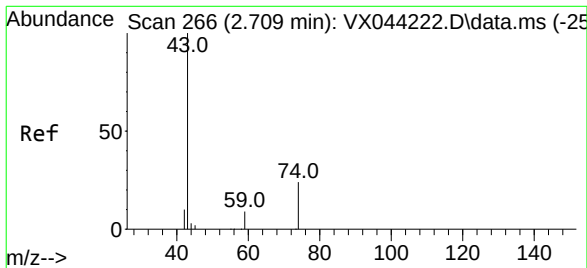
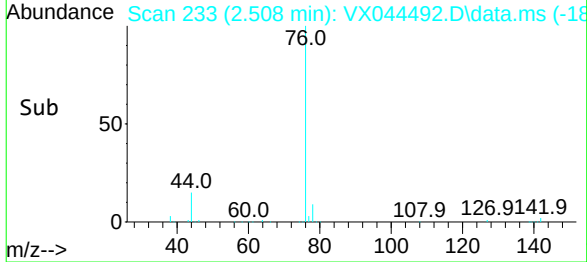
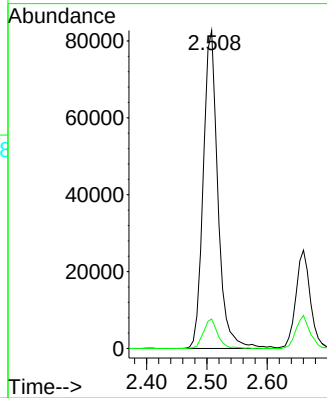
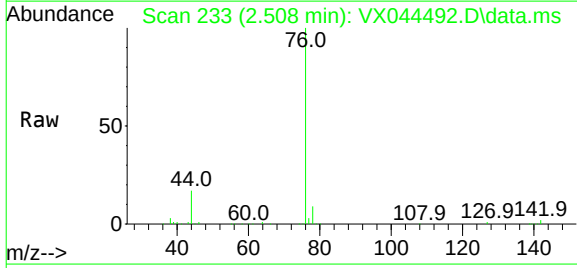
#17
Carbon Disulfide
Concen: 46.135 ug/l
RT: 2.508 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 139644
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

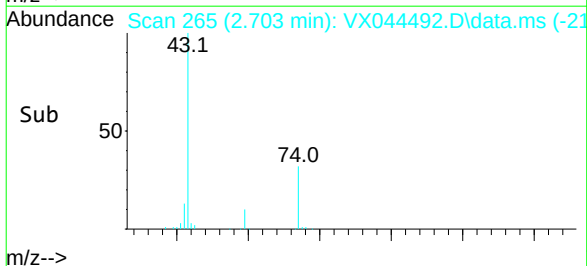
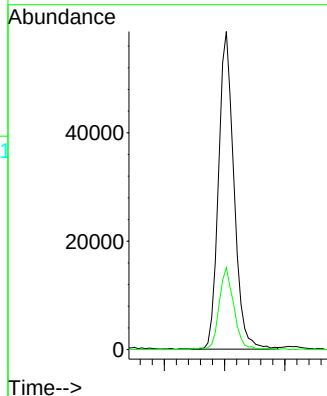
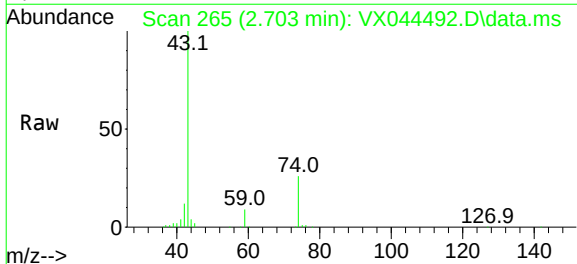
Manual Integrations
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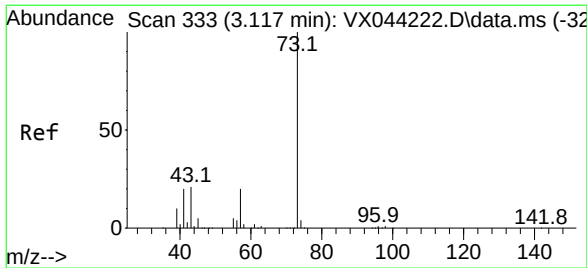
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 39.750 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 104075
Ion Ratio Lower Upper
43 100
74 24.9 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 42.170 ug/l

RT: 3.111 min Scan# 333

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 262040

Ion Ratio Lower Upper

73 100

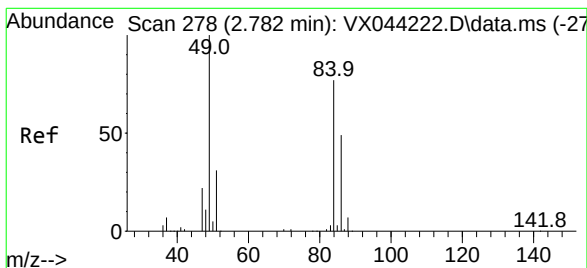
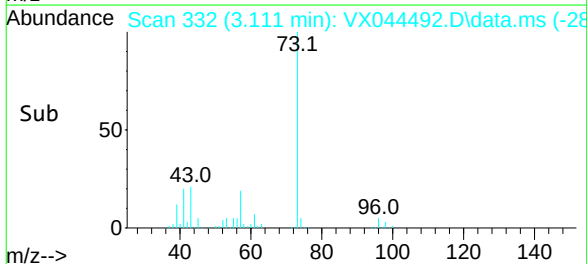
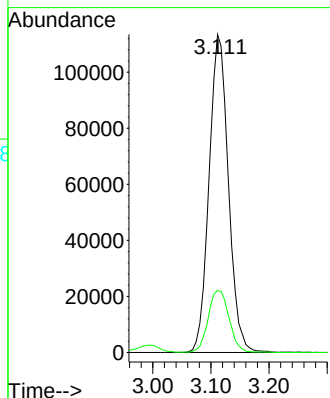
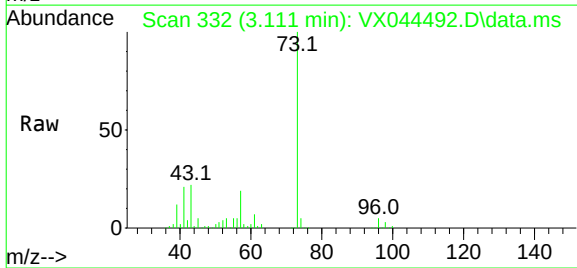
57 19.5 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#20

Methylene Chloride

Concen: 46.423 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Tgt Ion: 84 Resp: 88543

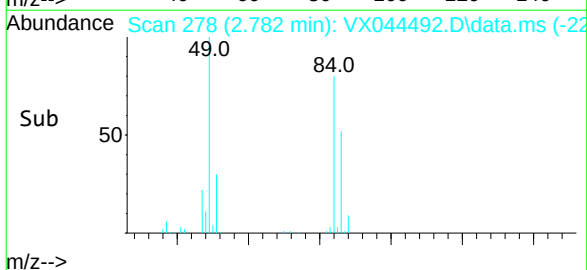
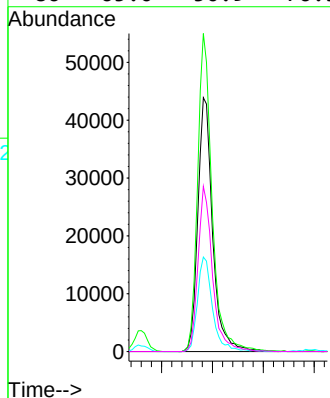
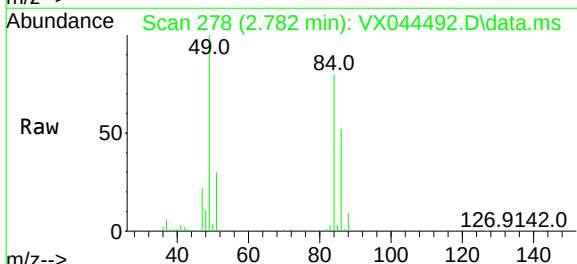
Ion Ratio Lower Upper

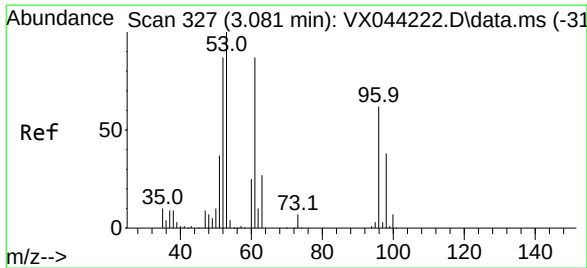
84 100

49 125.3 104.2 156.4

51 37.2 32.2 48.4

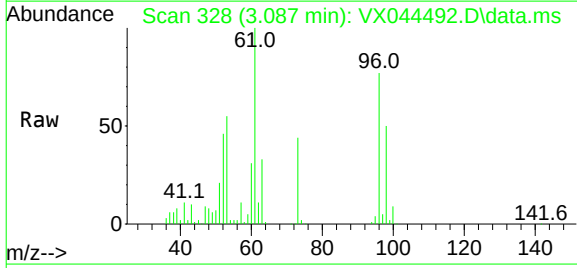
86 65.0 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 45.648 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

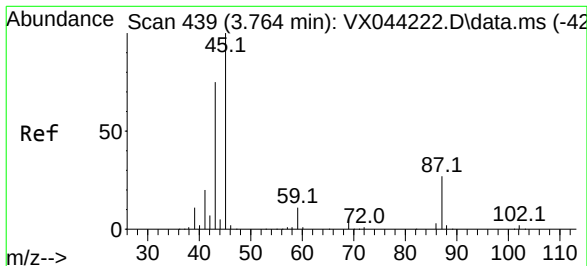
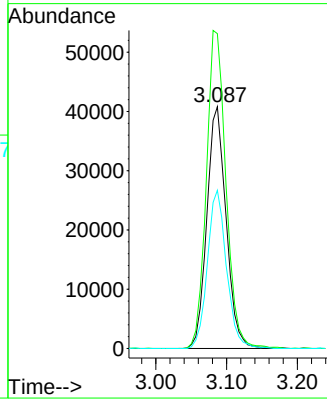
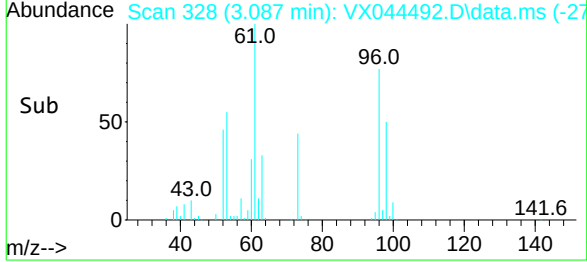
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



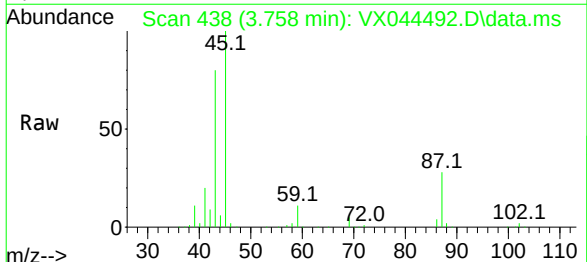
Tgt Ion: 96 Resp: 77251
Ion Ratio Lower Upper
96 100
61 130.2 112.0 168.0
98 65.4 48.8 73.2

Manual Integrations
APPROVED

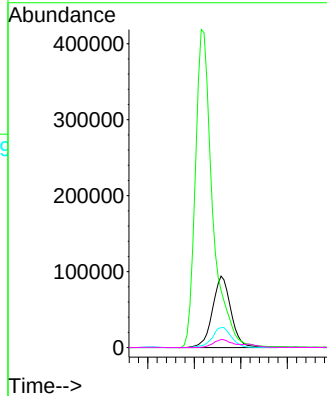
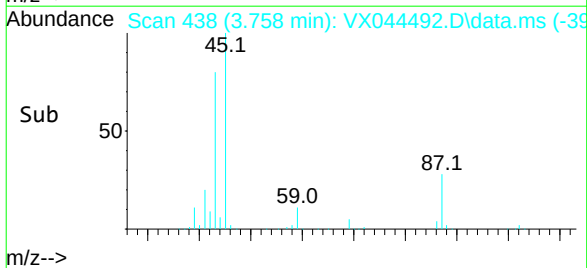
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

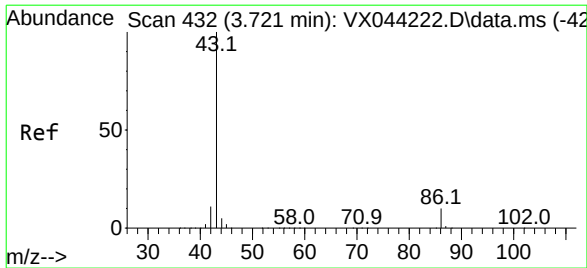


#22
Diisopropyl ether
Concen: 43.412 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49



Tgt Ion: 45 Resp: 259272
Ion Ratio Lower Upper
45 100
43 80.2 60.2 90.2
87 27.9 21.2 31.8
59 11.3 8.9 13.3





#23

Vinyl Acetate

Concen: 223.409 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1084781

Ion Ratio Lower Upper

43 100

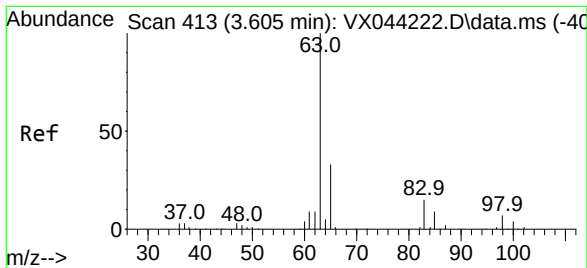
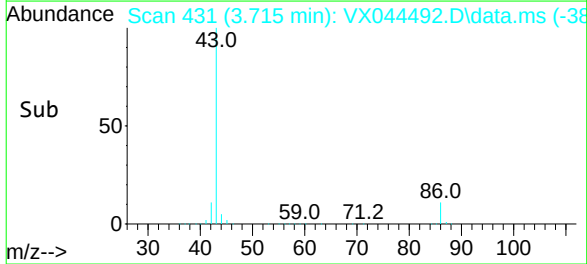
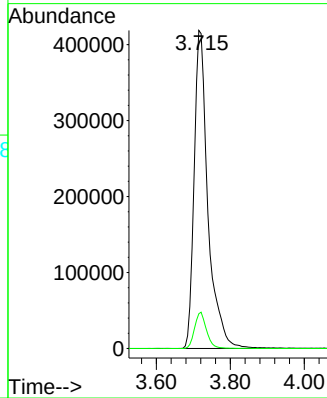
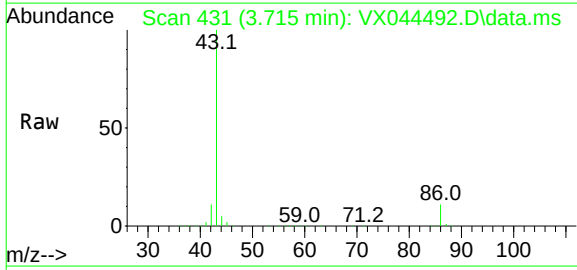
86 10.9 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 45.194 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

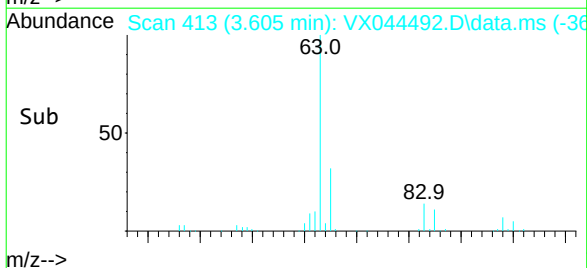
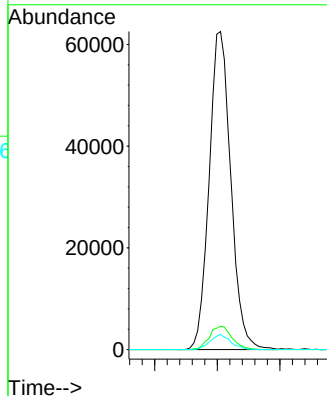
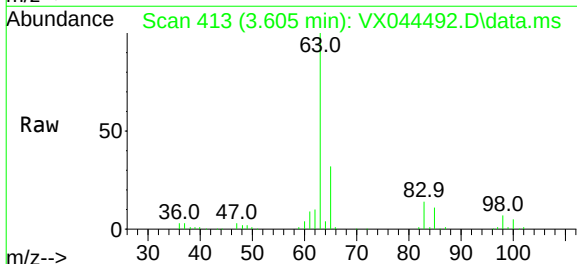
Tgt Ion: 63 Resp: 150456

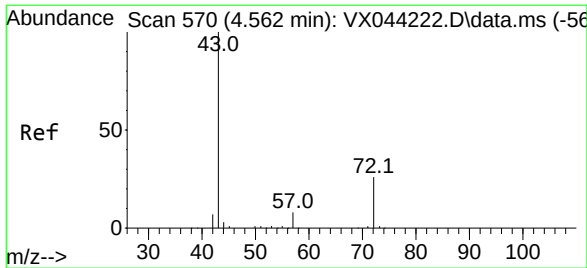
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.8 2.1 6.3





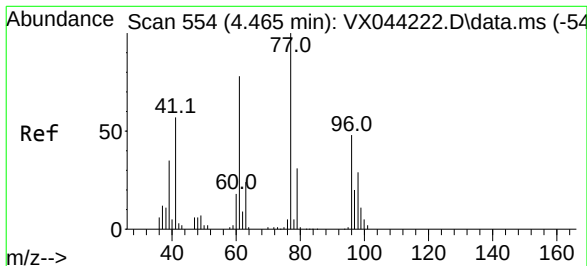
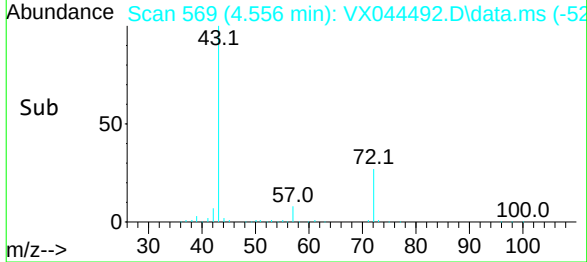
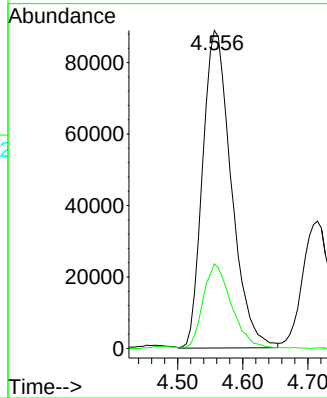
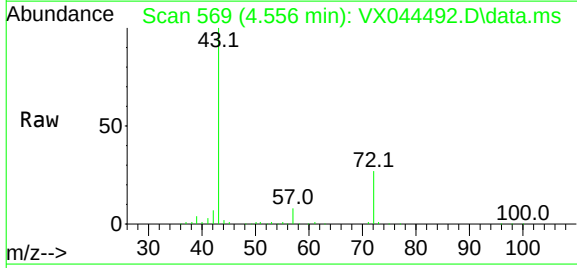
#25
2-Butanone
Concen: 188.131 ug/l
RT: 4.556 min Scan# 56
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 271591
Ion Ratio Lower Upper
43 100
72 26.5 20.2 30.4

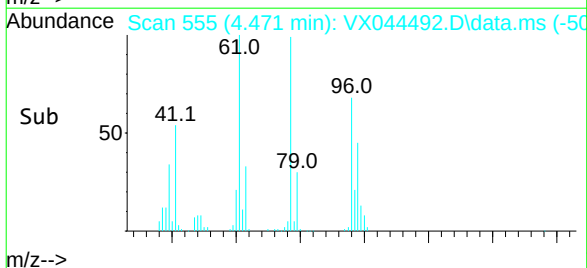
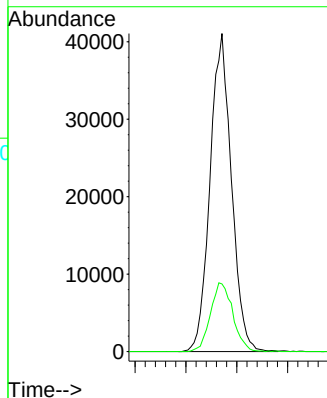
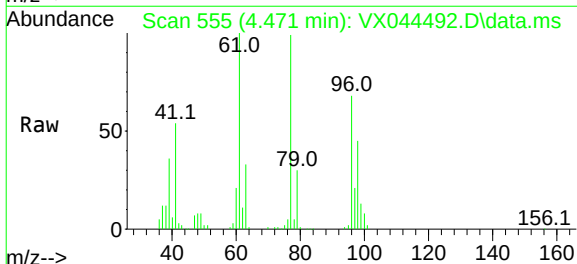
Manual Integrations
APPROVED

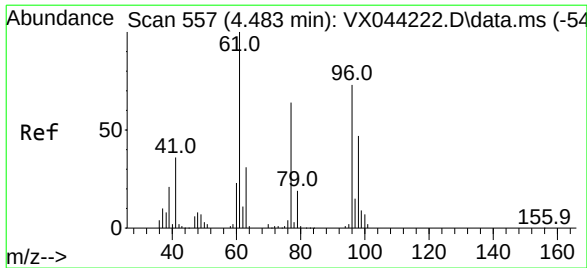
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 44.358 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

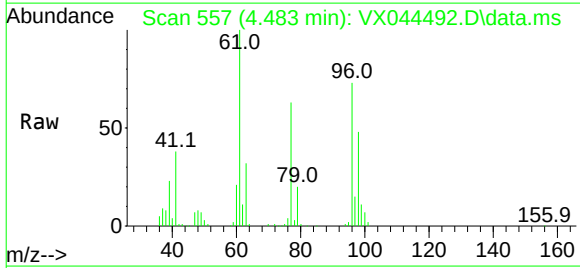
Tgt Ion: 77 Resp: 119970
Ion Ratio Lower Upper
77 100
97 22.6 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 44.871 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

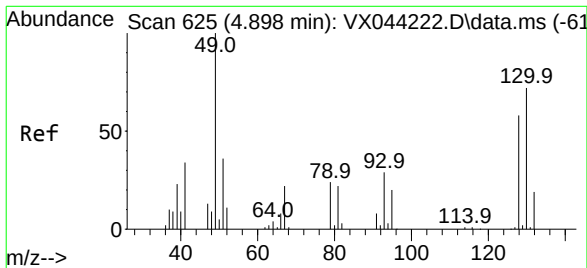
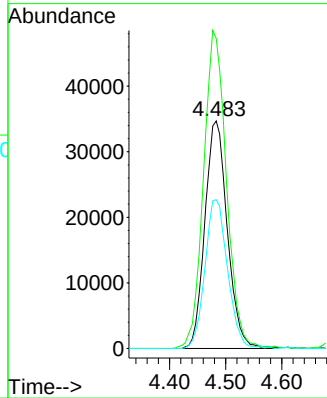
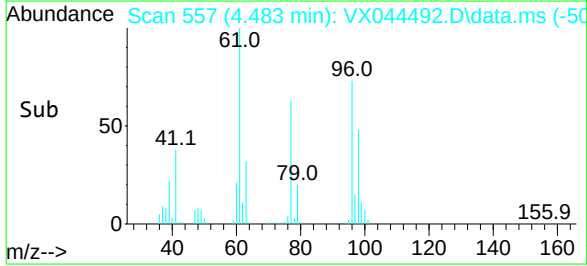
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 96440
Ion Ratio Lower Upper
96 100
61 142.1 0.0 299.0
98 66.0 0.0 129.0

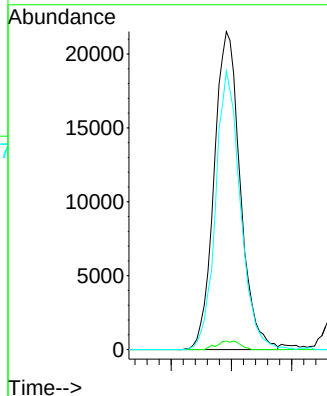
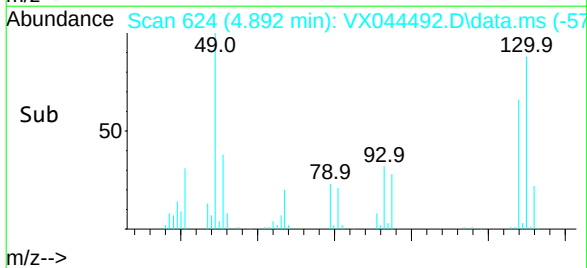
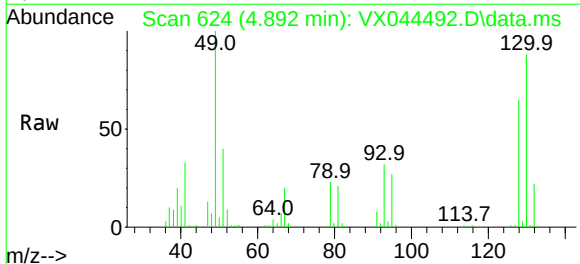
Manual Integrations
APPROVED

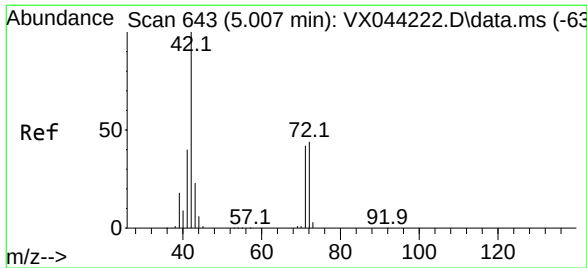
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#28
Bromochloromethane
Concen: 39.671 ug/l
RT: 4.892 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 49 Resp: 64763
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 83.3 62.1 93.1





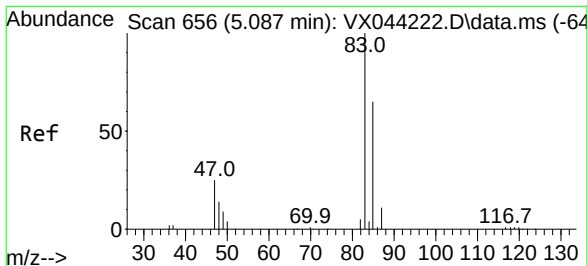
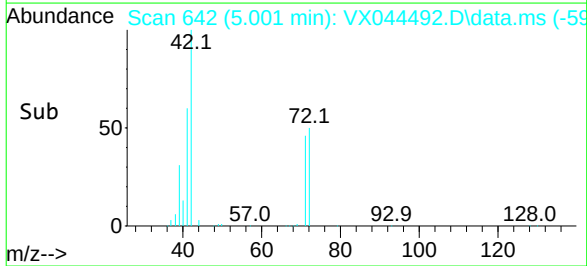
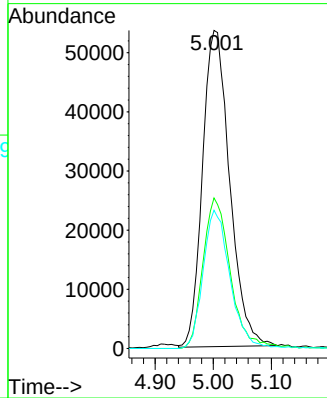
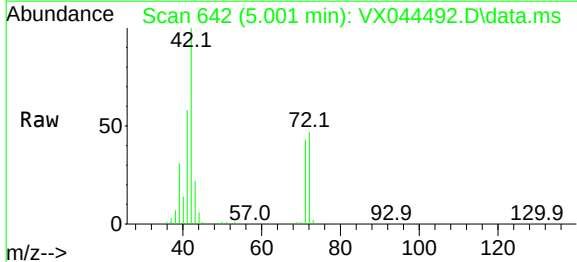
#29
Tetrahydrofuran
Concen: 187.586 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 173821
Ion Ratio Lower Upper
42 100
72 48.0 37.0 55.6
71 43.3 33.6 50.4

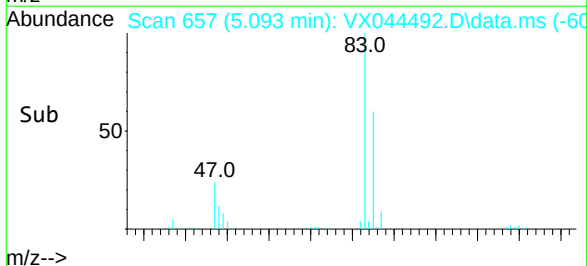
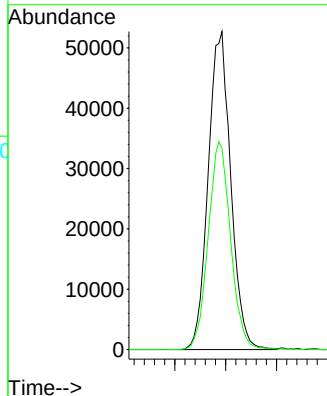
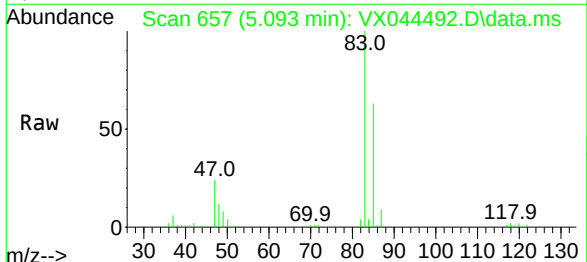
Manual Integrations
APPROVED

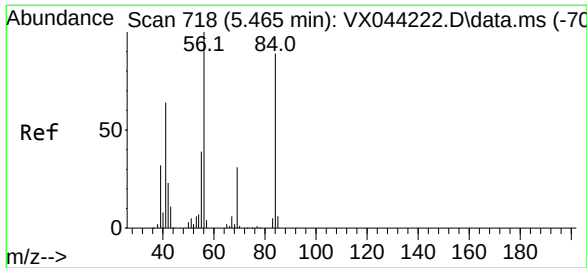
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 43.416 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 83 Resp: 162393
Ion Ratio Lower Upper
83 100
85 63.2 51.6 77.4





#31

Cyclohexane

Concen: 42.794 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

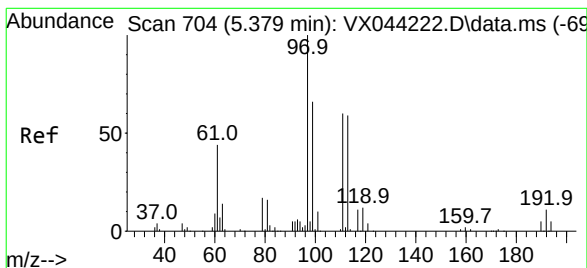
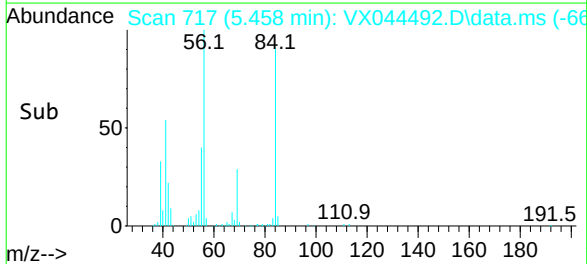
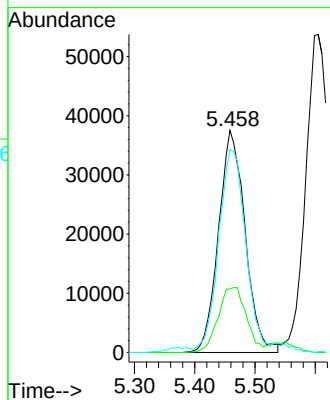
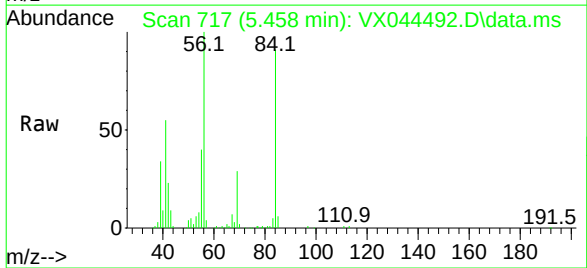
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	115044
Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.7	37.1
84	88.9	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: 45.118 ug/l

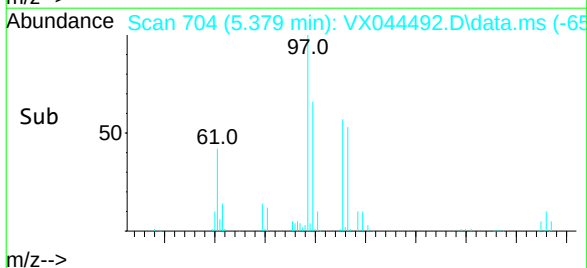
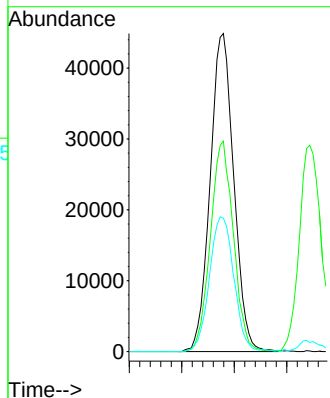
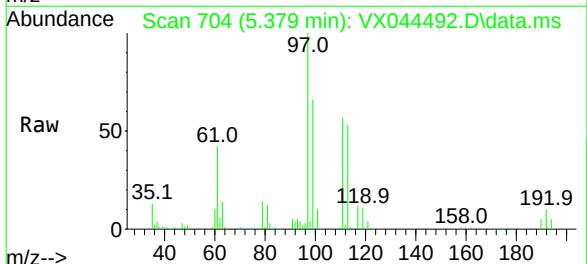
RT: 5.379 min Scan# 704

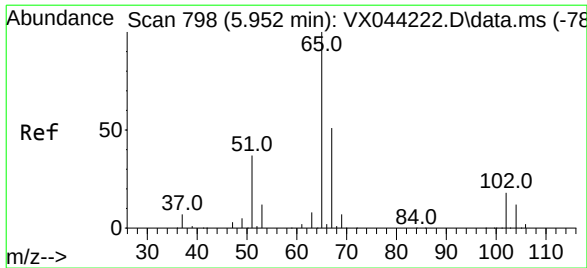
Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Tgt Ion:	97	Resp:	140086
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.8	76.2
61	43.9	35.2	52.8





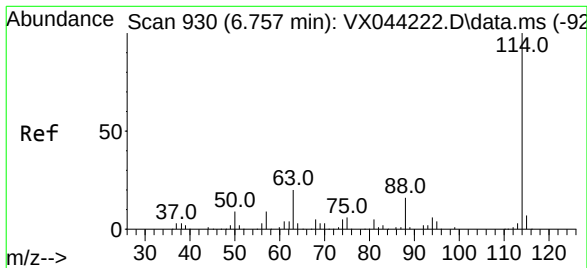
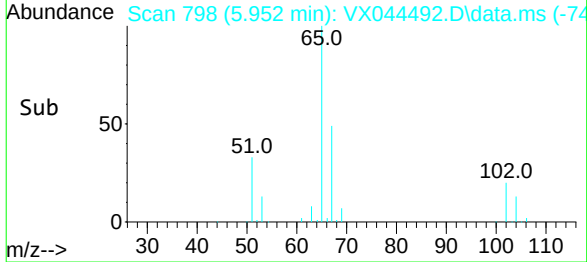
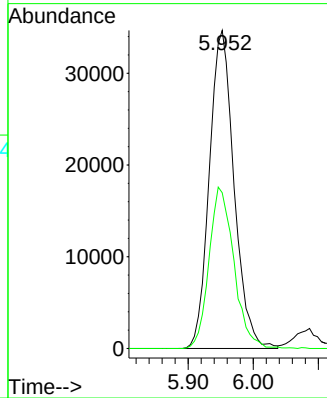
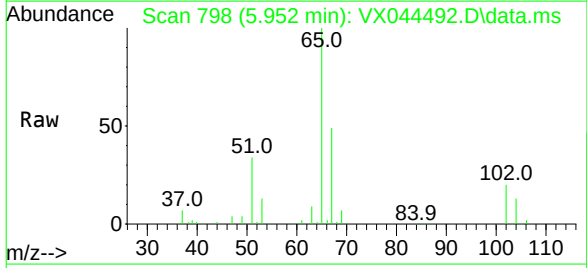
#33
1,2-Dichloroethane-d4
Concen: 36.671 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 91340
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6

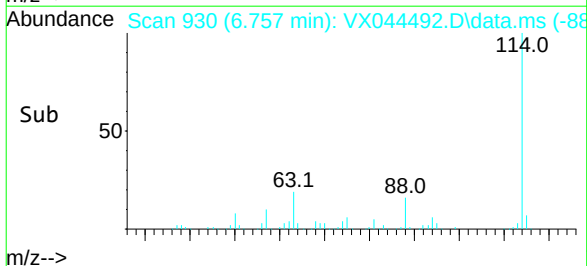
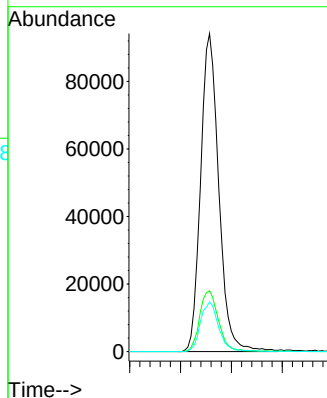
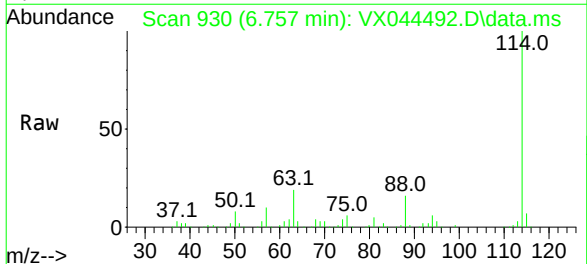
Manual Integrations
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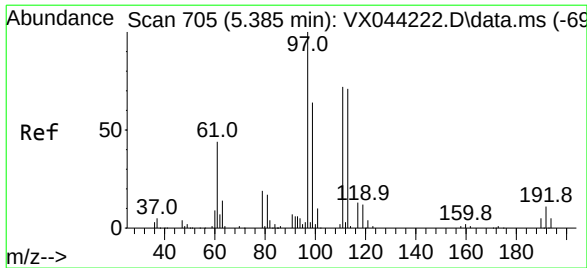
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

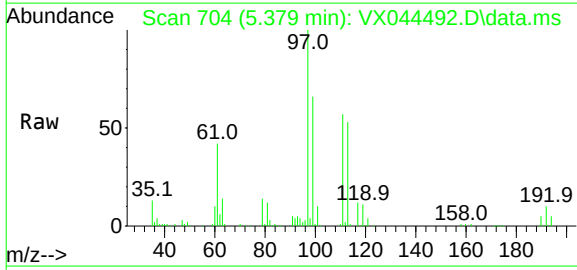
Tgt Ion:114 Resp: 233398
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.6
88 15.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 45.677 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

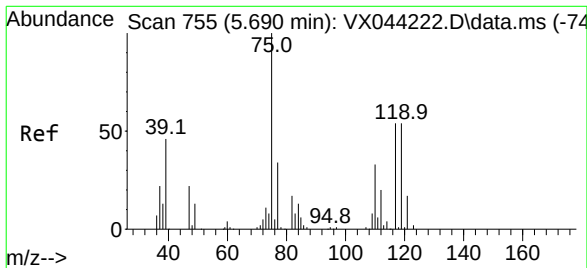
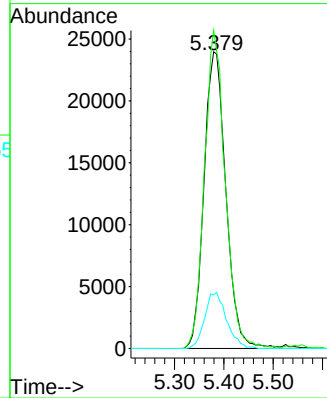
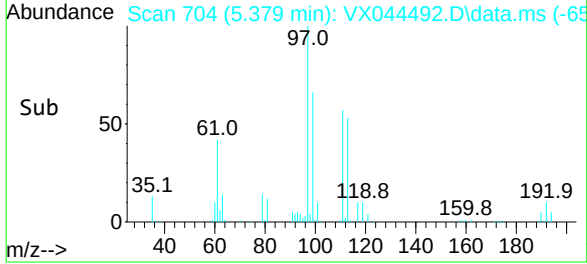
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 73837
Ion Ratio Lower Upper
113 100
111 102.2 80.4 120.6
192 18.9 13.3 19.9

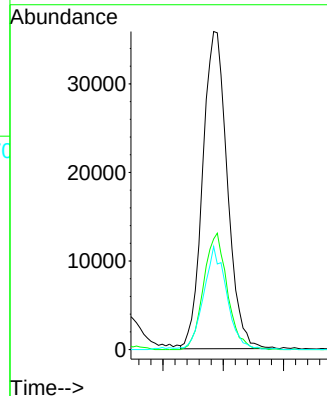
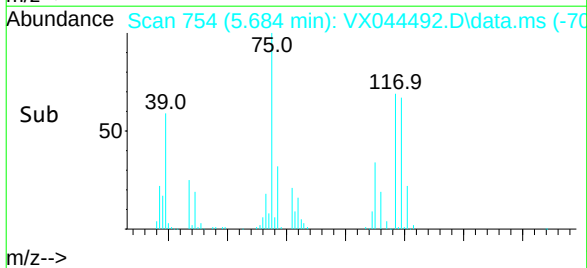
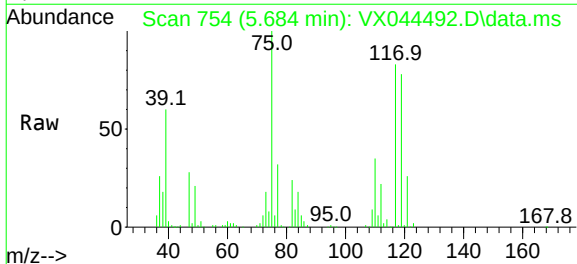
Manual Integrations
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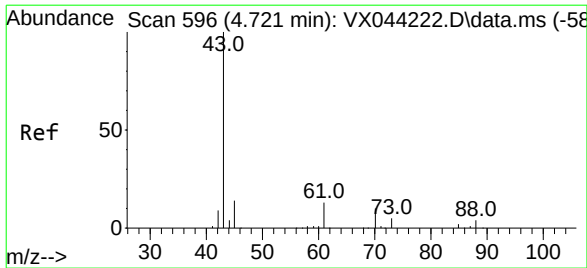
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#36
1,1-Dichloropropene
Concen: 48.625 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 101604
Ion Ratio Lower Upper
75 100
110 35.3 17.3 51.7
77 29.8 25.4 38.0





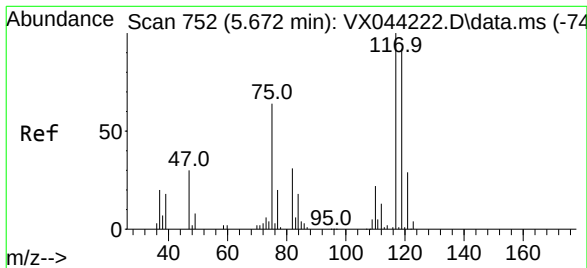
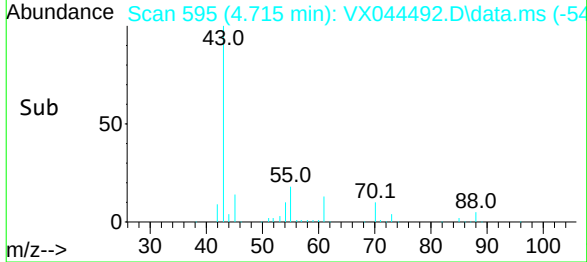
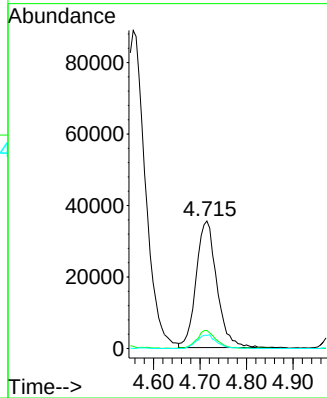
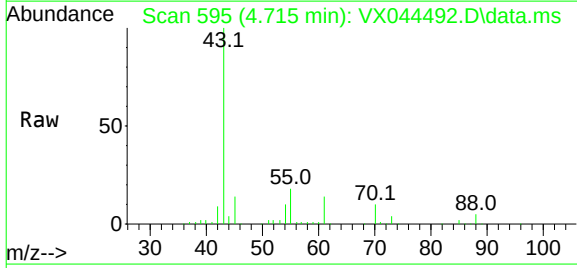
#37
Ethyl Acetate
Concen: 42.249 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 109126
Ion Ratio Lower Upper
43 100
61 13.5 9.8 14.8
70 10.3 7.7 11.5

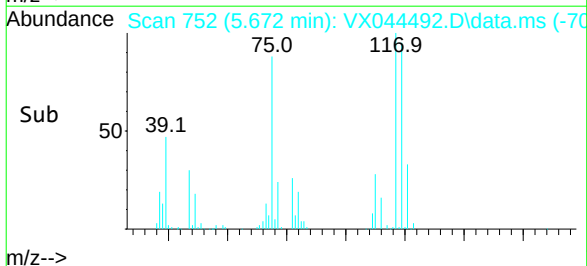
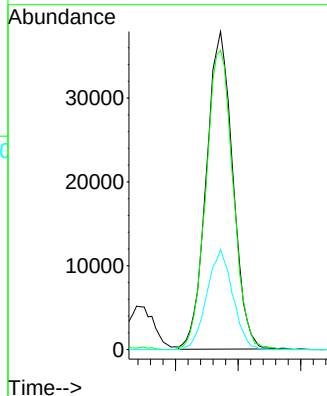
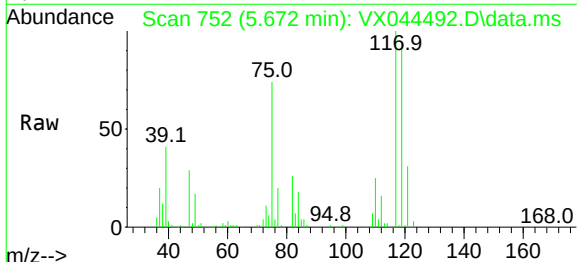
Manual Integrations
APPROVED

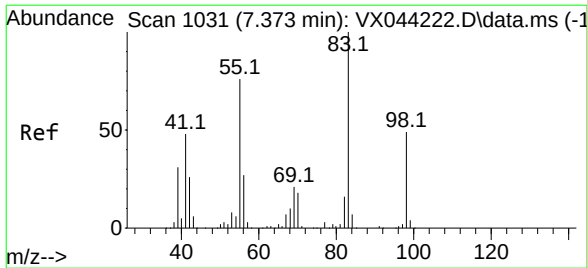
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 49.513 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:117 Resp: 111385
Ion Ratio Lower Upper
117 100
119 94.0 74.2 111.4
121 31.6 23.0 34.6





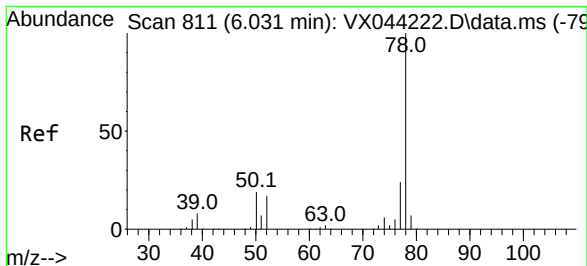
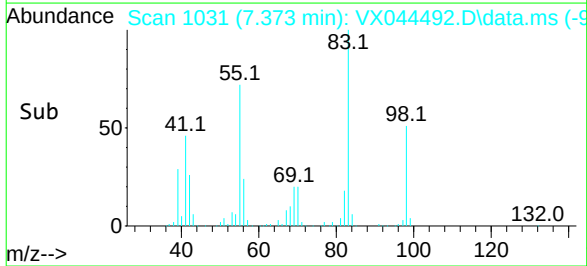
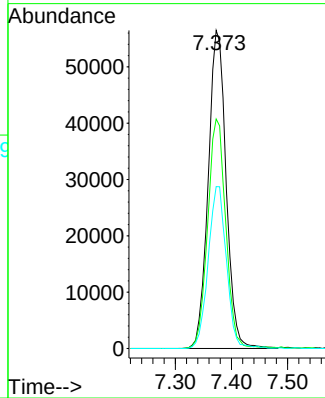
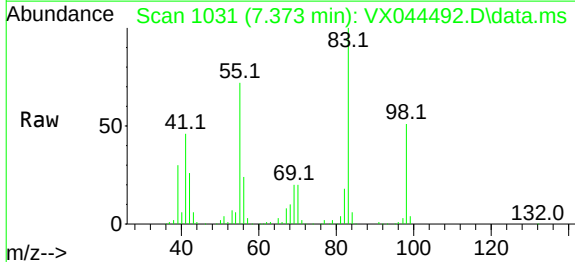
#39
Methylcyclohexane
Concen: 50.139 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 125247
Ion Ratio Lower Upper
83 100
55 72.2 60.7 91.1
98 50.9 38.9 58.3

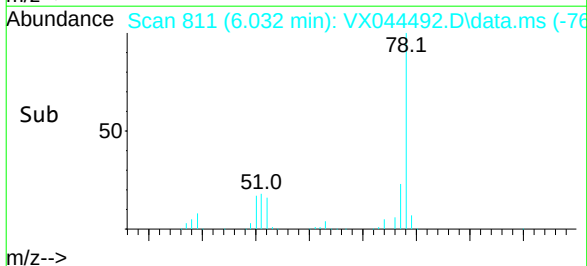
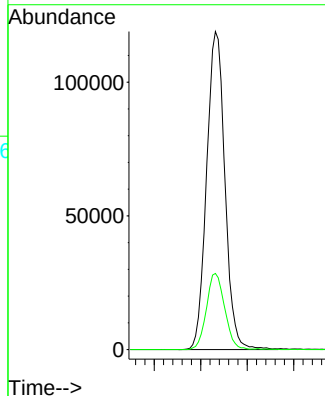
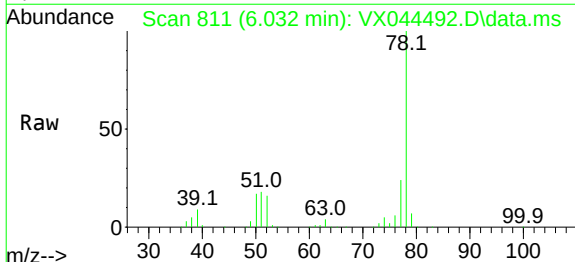
Manual Integrations
APPROVED

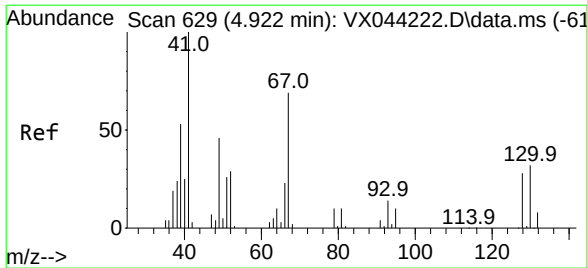
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 51.229 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 78 Resp: 325004
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





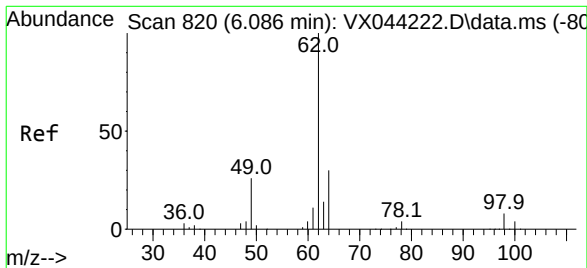
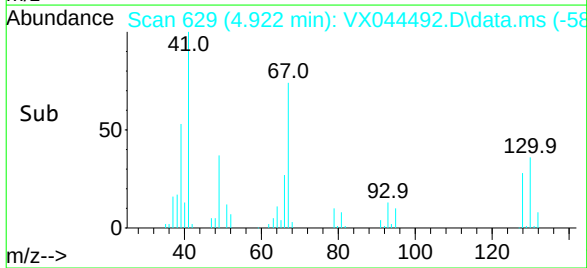
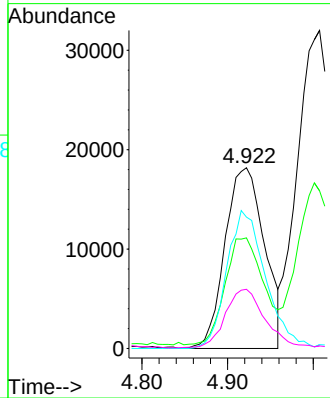
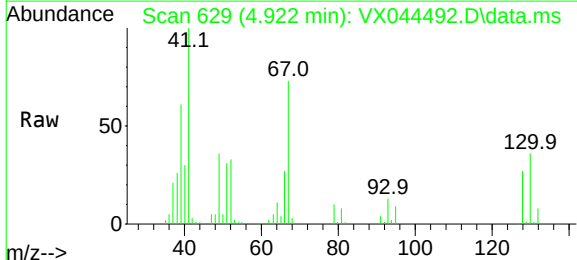
#41
Methacrylonitrile
Concen: 42.511 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 58306
Ion Ratio Lower Upper
41 100
39 57.1 44.2 66.4
67 75.0 57.2 85.8
52 33.0 24.6 37.0

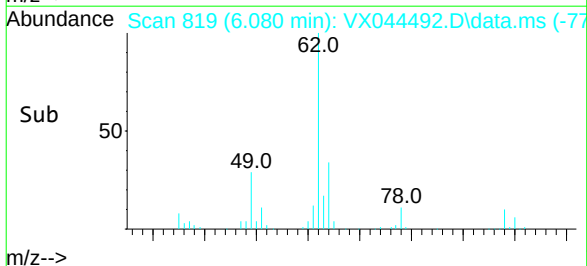
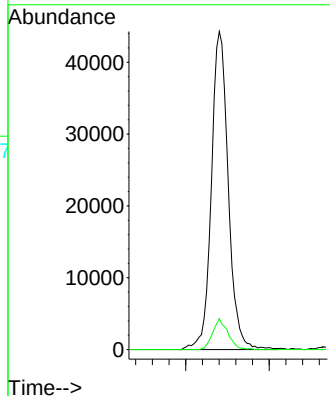
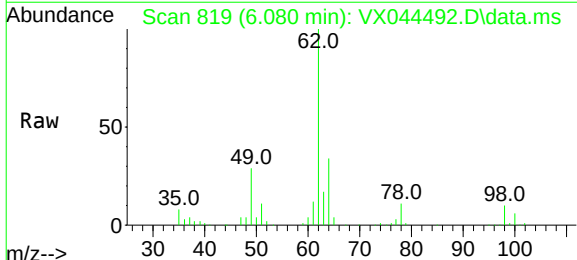
Manual Integrations
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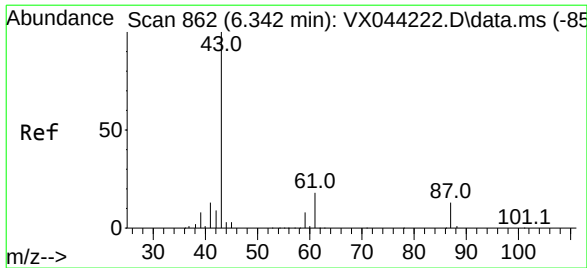
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 47.653 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 62 Resp: 124536
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 44.034 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

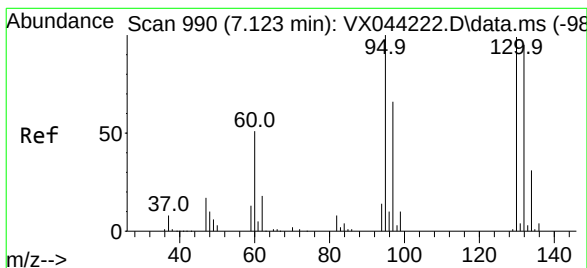
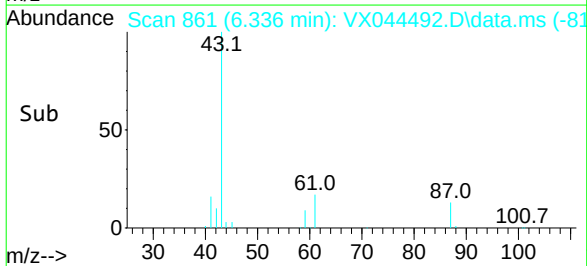
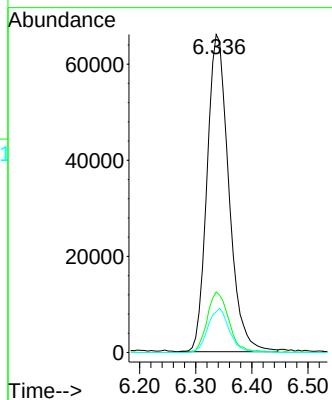
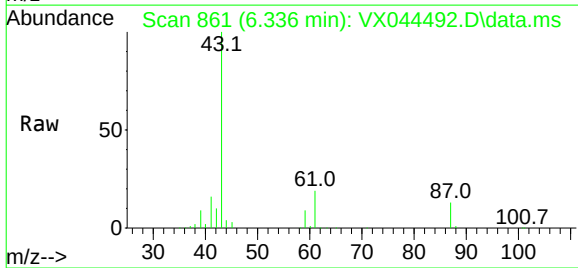
Tgt Ion:	43	Resp:	177776
Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.2	21.2
87	13.7	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#44

Trichloroethene

Concen: 52.353 ug/l

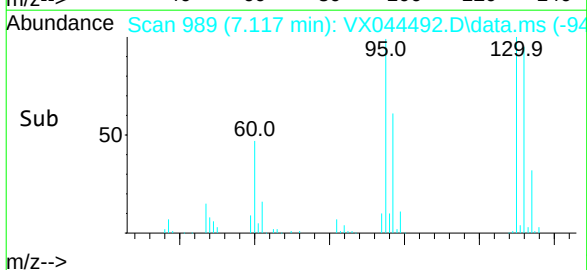
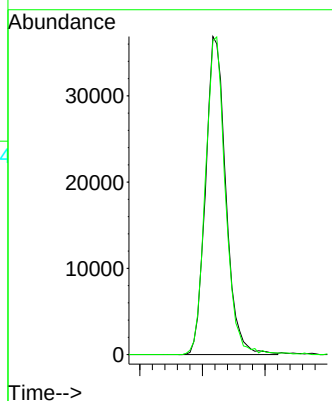
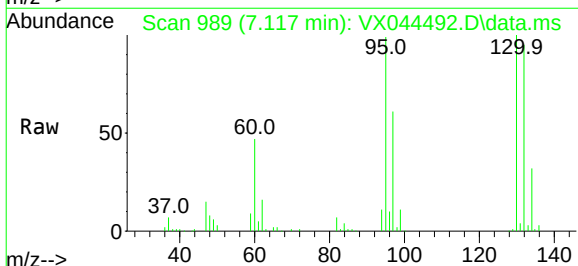
RT: 7.117 min Scan# 989

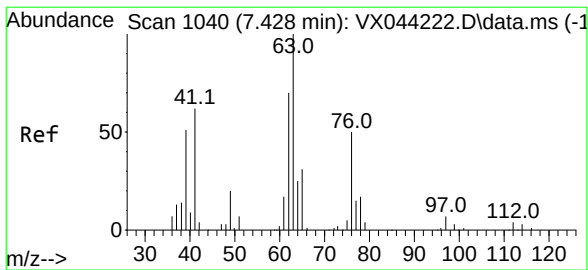
Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Tgt Ion:	130	Resp:	82827
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	201.4





#45

1,2-Dichloropropane

Concen: 50.659 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

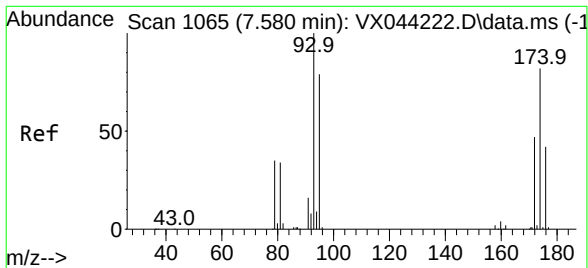
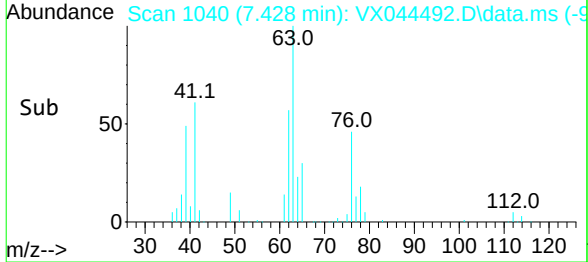
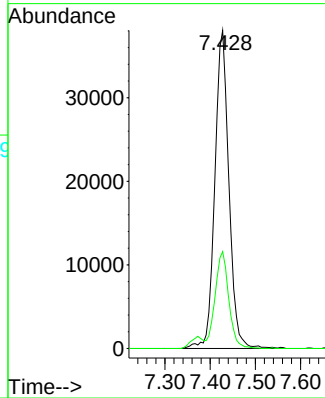
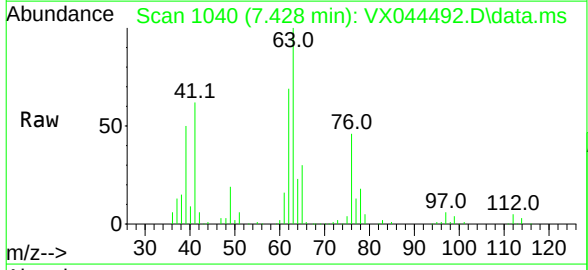
Tgt Ion:	63	Resp:	82109
Ion Ratio	Lower	Upper	
63	100		
65	30.5	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#46

Dibromomethane

Concen: 50.998 ug/l

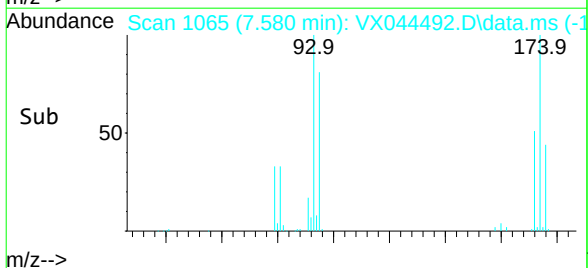
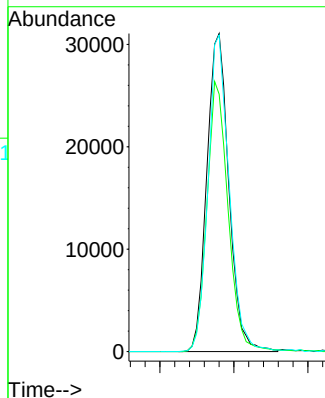
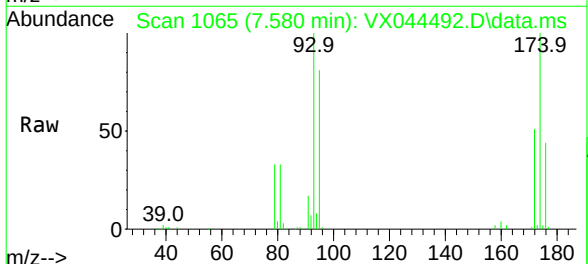
RT: 7.580 min Scan# 1065

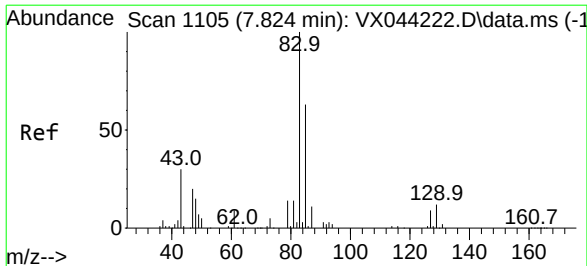
Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

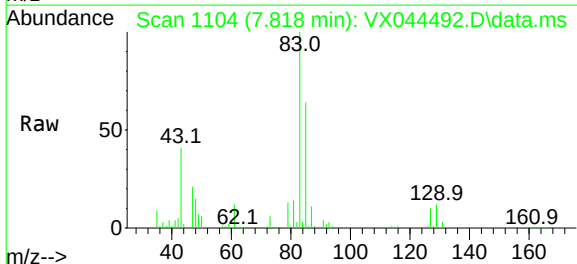
Tgt Ion:	93	Resp:	64127
Ion Ratio	Lower	Upper	
93	100		
95	81.9	65.4	98.2
174	95.5	67.9	101.9





#47
Bromodichloromethane
Concen: 52.527 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

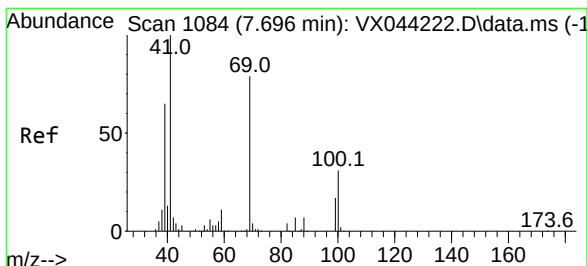
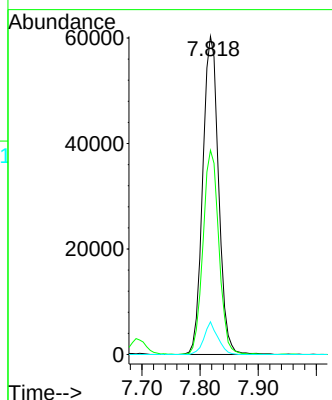
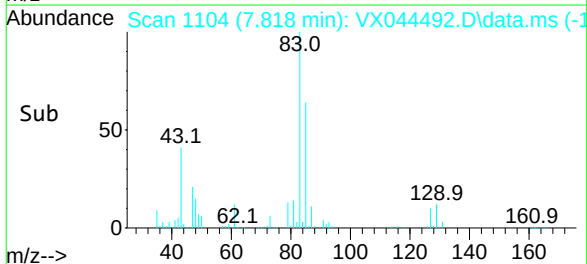
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



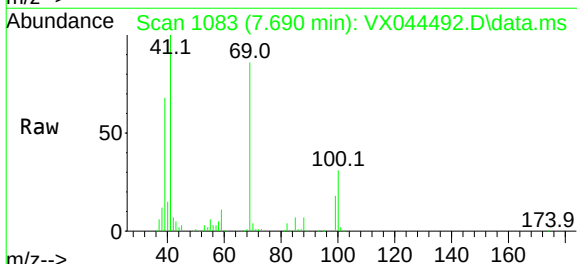
Tgt Ion: 83 Resp: 114072
Ion Ratio Lower Upper
83 100
85 64.2 50.6 75.8
127 10.3 7.3 10.9

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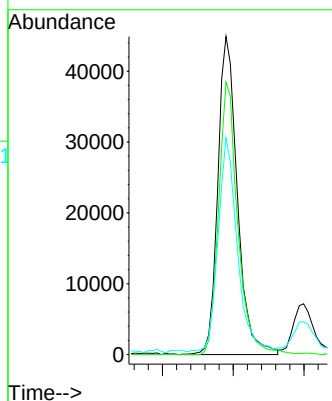
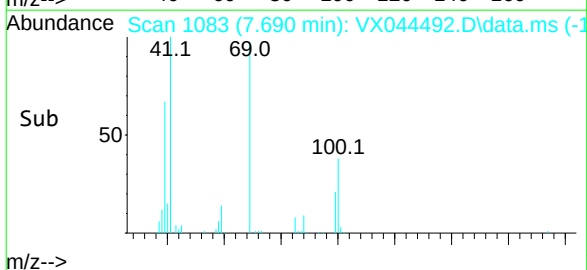
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

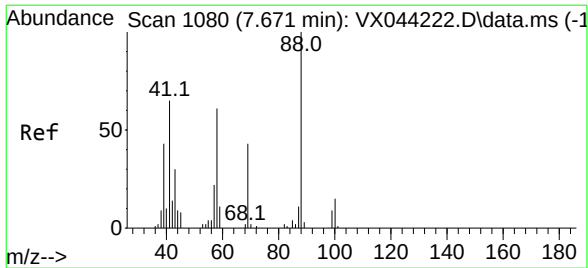


#48
Methyl methacrylate
Concen: 43.837 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49



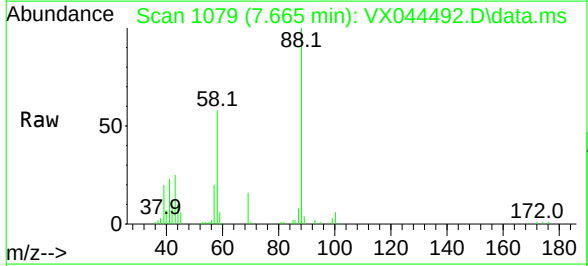
Tgt Ion: 41 Resp: 85907
Ion Ratio Lower Upper
41 100
69 84.0 62.4 93.6
39 65.7 53.3 79.9





#49
1,4-Dioxane
Concen: 982.728 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

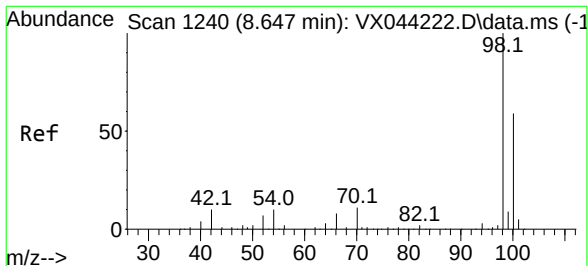
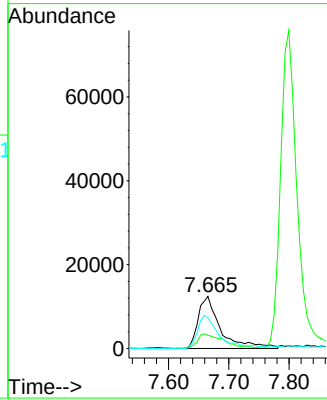
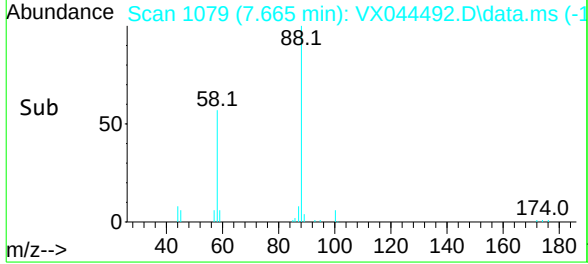
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 31936
Ion Ratio Lower Upper
88 100
43 32.0 27.1 40.7
58 58.7 41.0 61.4

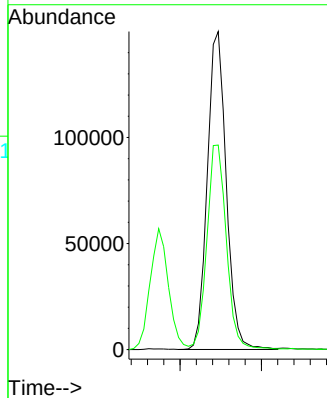
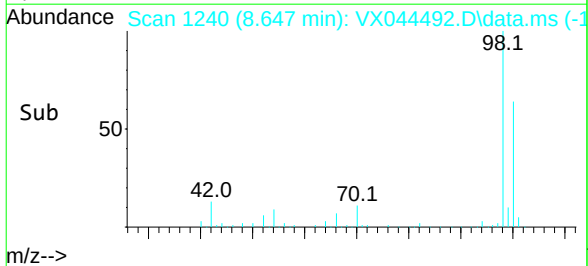
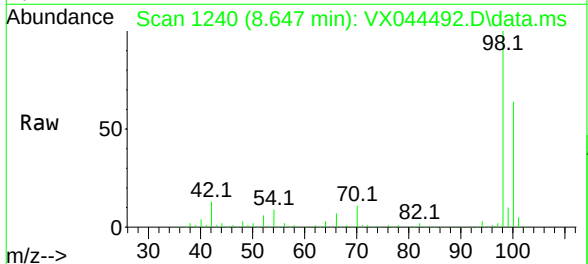
Manual Integrations
APPROVED

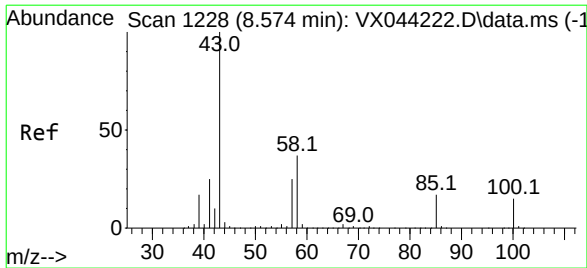
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#50
Toluene-d8
Concen: 44.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 98 Resp: 242389
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3





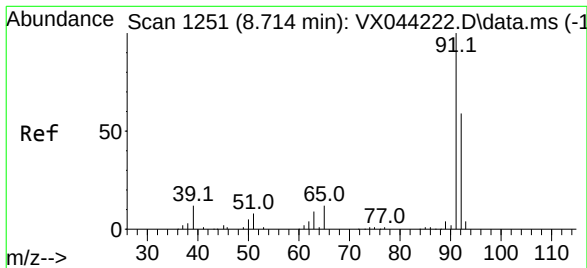
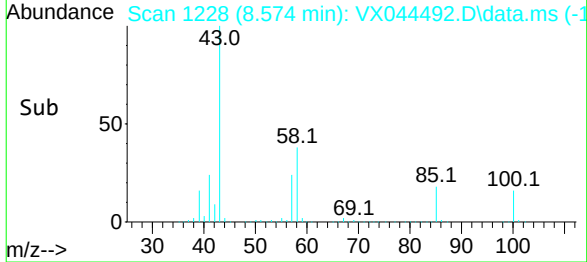
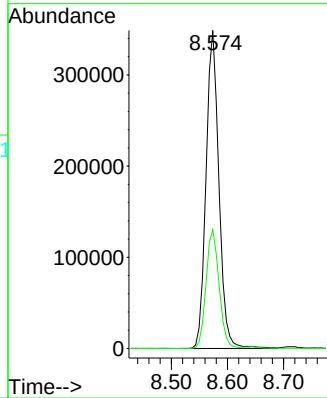
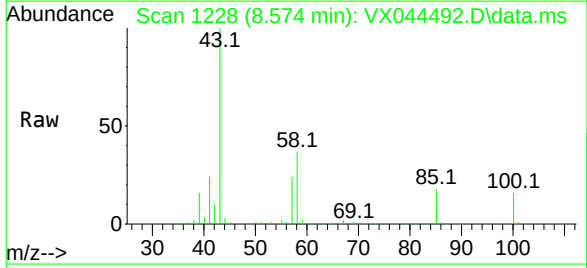
#51
4-Methyl-2-Pentanone
Concen: 214.305 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 556283
Ion Ratio Lower Upper
43 100
58 37.7 29.4 44.0

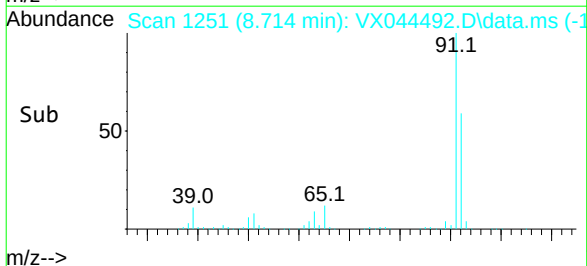
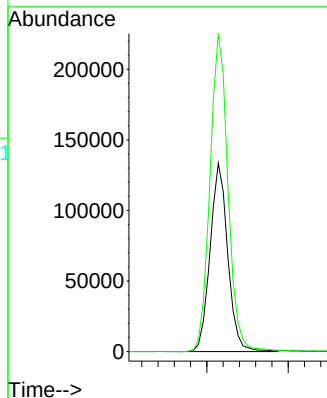
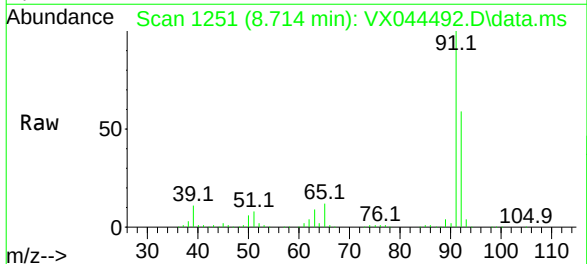
Manual Integrations
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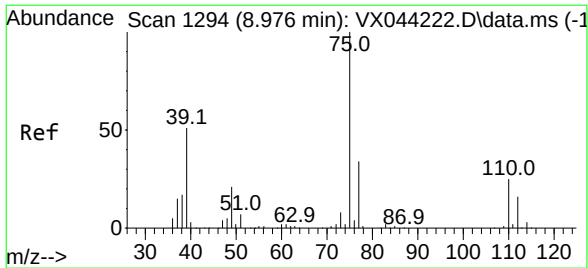
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 50.524 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 92 Resp: 201289
Ion Ratio Lower Upper
92 100
91 172.6 137.0 205.6

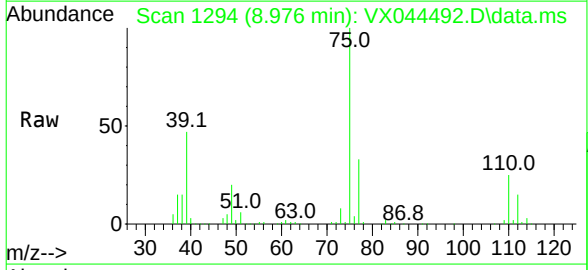




#53
 t-1,3-Dichloropropene
 Concen: 47.186 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX044492.D
 Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

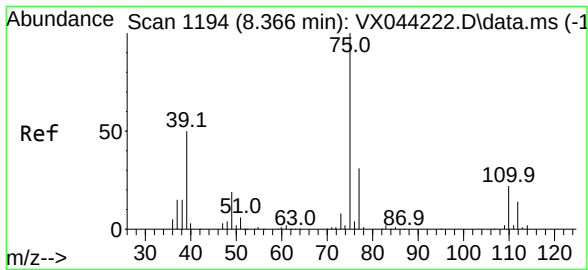
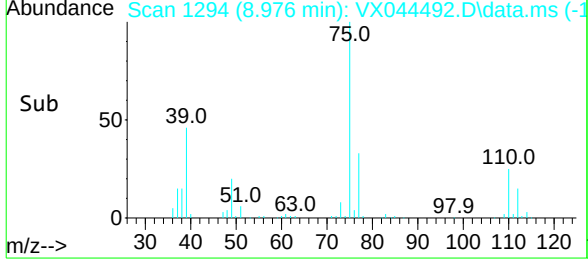
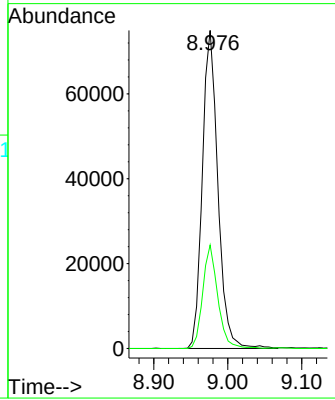


Tgt Ion: 75 Resp: 109547

Ion	Ratio	Lower	Upper
75	100		
77	32.5	27.2	40.8

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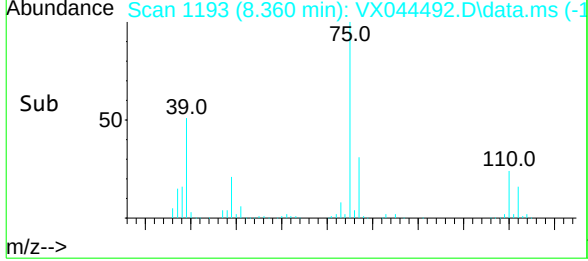
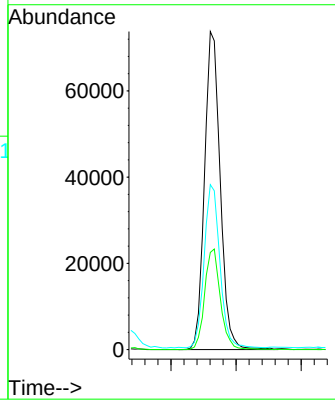
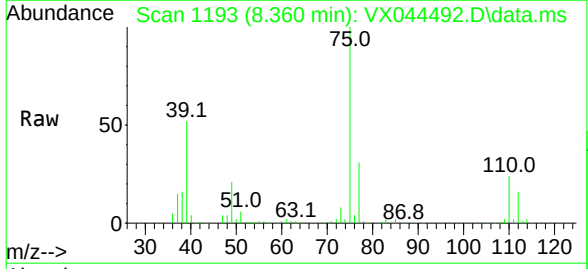
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

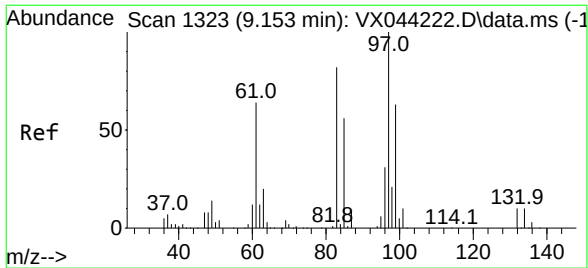


#54
 cis-1,3-Dichloropropene
 Concen: 52.242 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX044492.D
 Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 123531

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.7	37.1
39	51.2	40.3	60.5





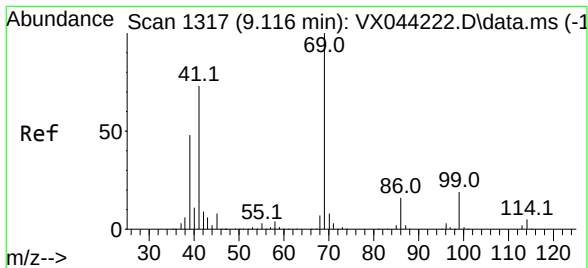
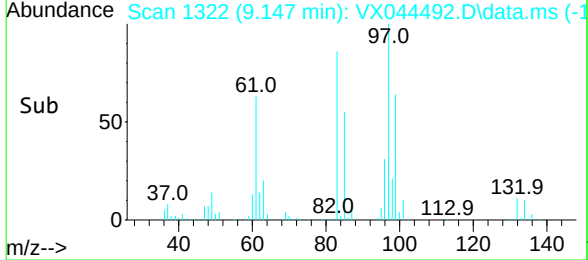
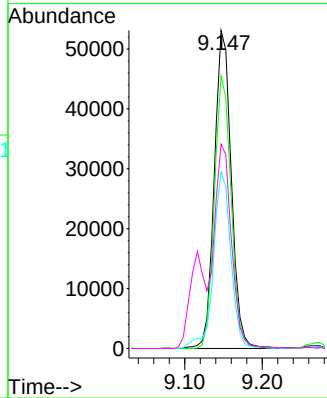
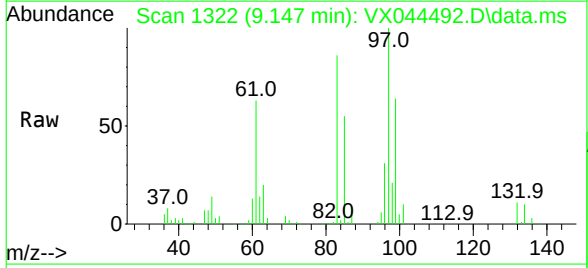
#55
1,1,2-Trichloroethane
Concen: 51.140 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97	Resp: 80941
Ion Ratio	Lower Upper
97 100	
83 85.6	65.3 97.9
85 55.5	44.6 67.0
99 64.0	50.2 75.2

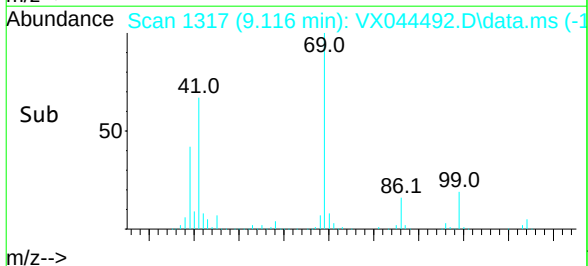
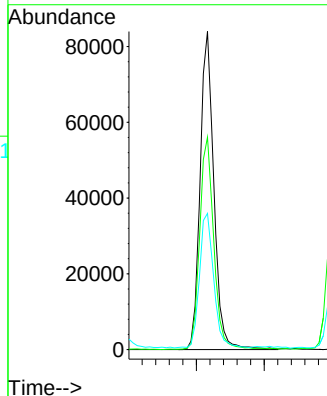
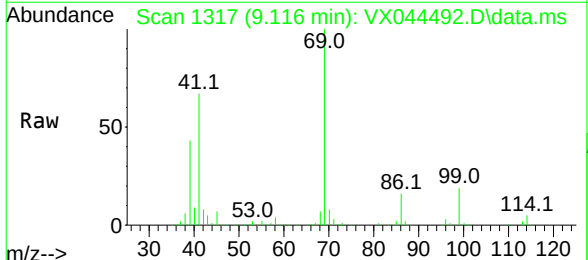
Manual Integrations
APPROVED

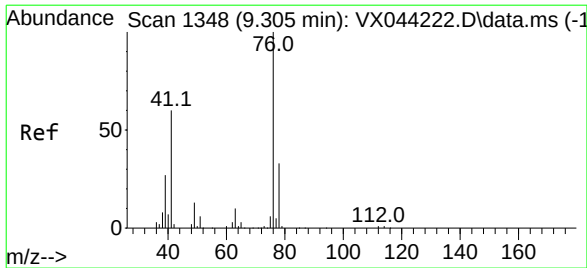
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#56
Ethyl methacrylate
Concen: 47.418 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 69	Resp: 118479
Ion Ratio	Lower Upper
69 100	
41 68.8	56.6 85.0
39 43.7	37.4 56.0





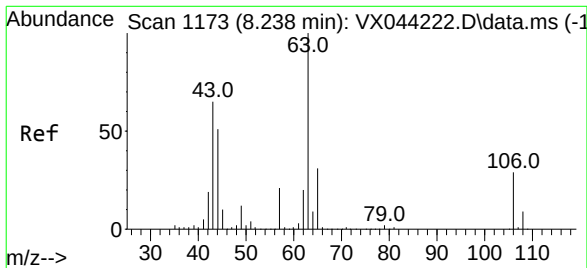
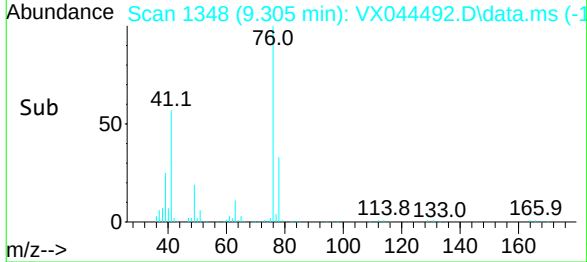
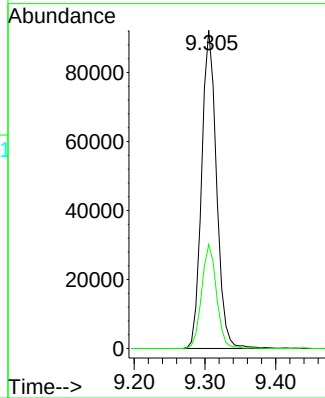
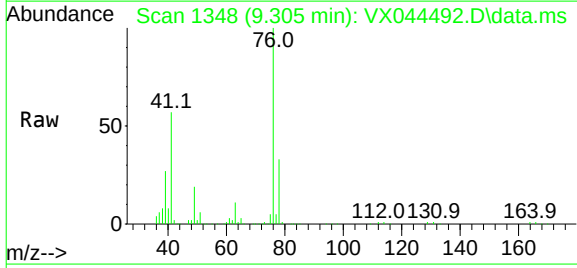
#57
1,3-Dichloropropane
Concen: 48.972 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 134913
Ion Ratio Lower Upper
76 100
78 32.7 26.5 39.7

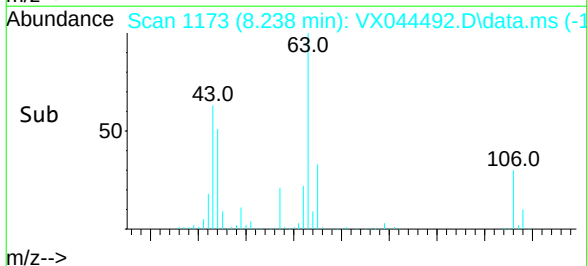
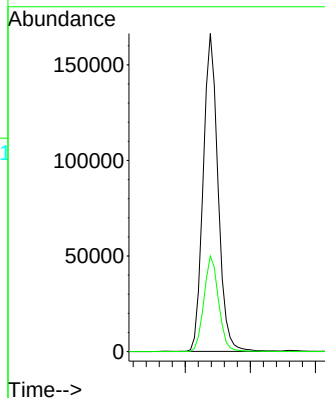
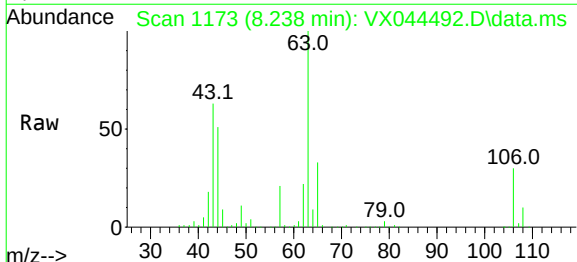
Manual Integrations
APPROVED

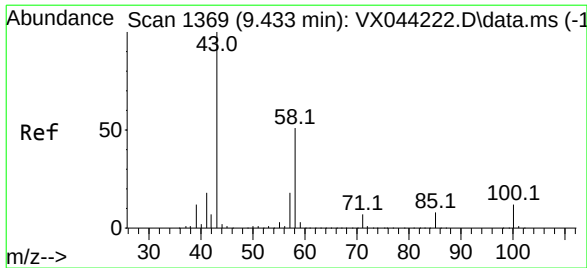
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 209.048 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 63 Resp: 263448
Ion Ratio Lower Upper
63 100
106 29.8 22.8 34.2





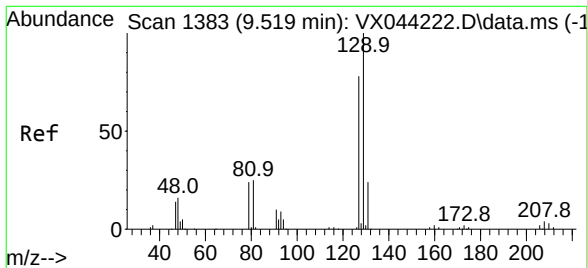
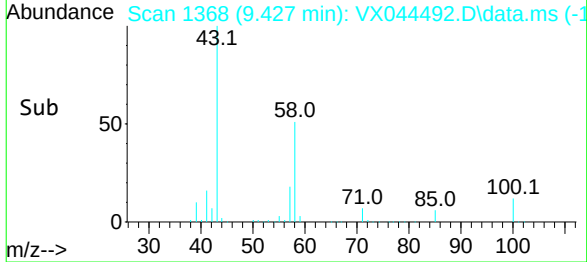
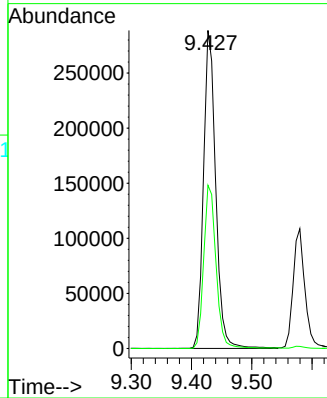
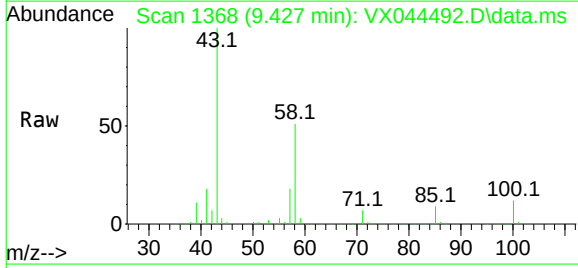
#59
2-Hexanone
Concen: 214.776 ug/l
RT: 9.427 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 403537
Ion Ratio Lower Upper
43 100
58 52.2 25.7 77.0

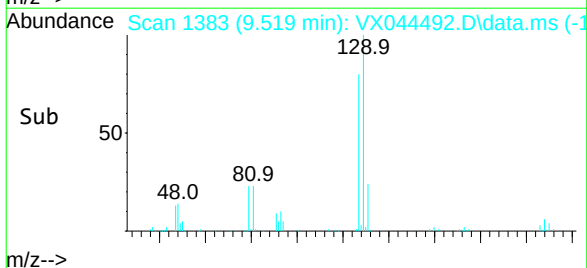
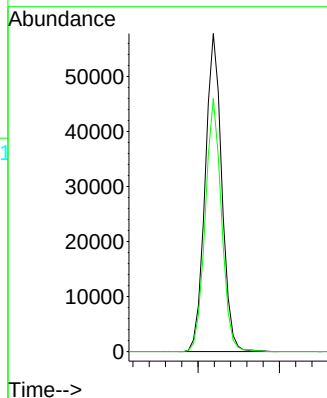
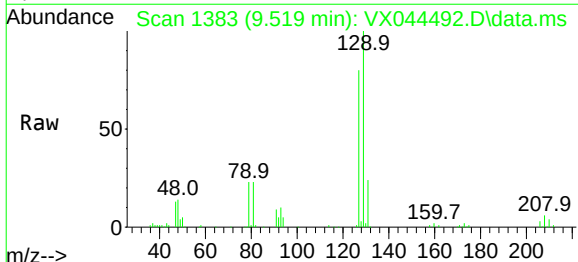
Manual Integrations
APPROVED

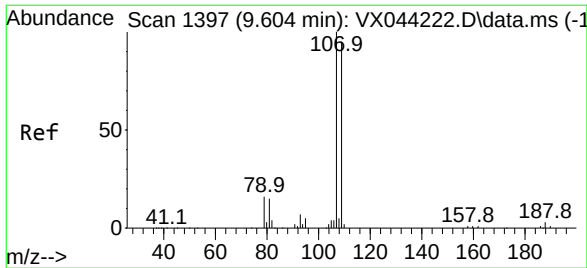
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 48.943 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:129 Resp: 81910
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





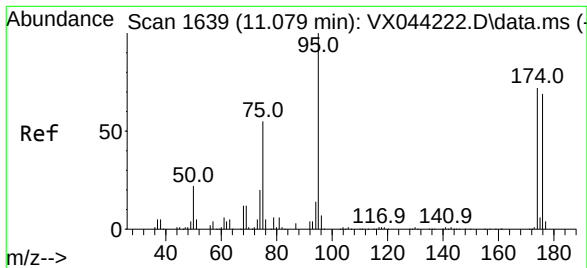
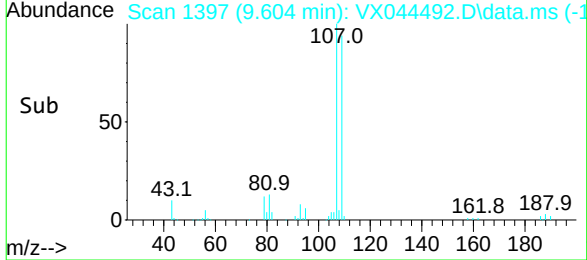
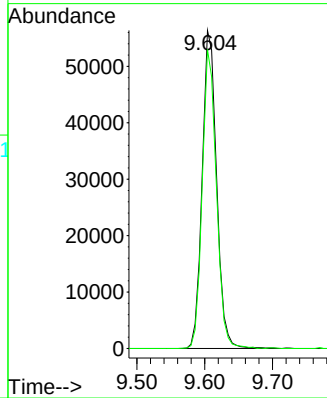
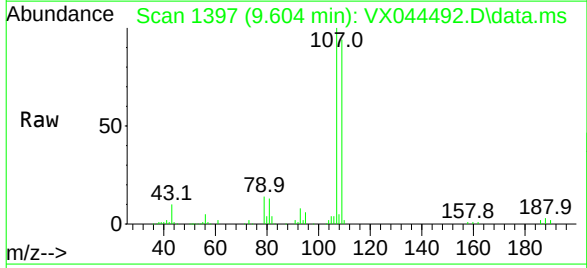
#61
1,2-Dibromoethane
Concen: 51.675 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 83256
Ion Ratio Lower Upper
107 100
109 92.1 77.0 115.4

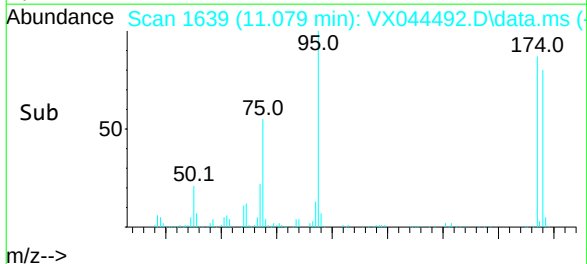
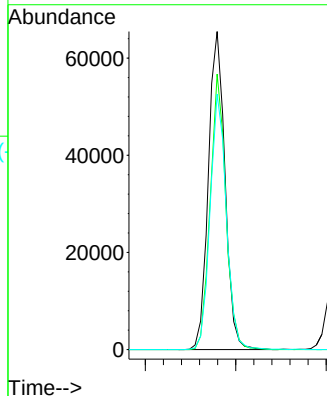
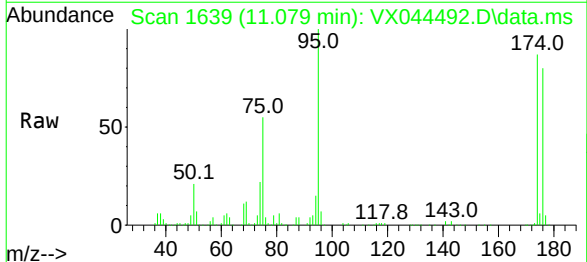
Manual Integrations
APPROVED

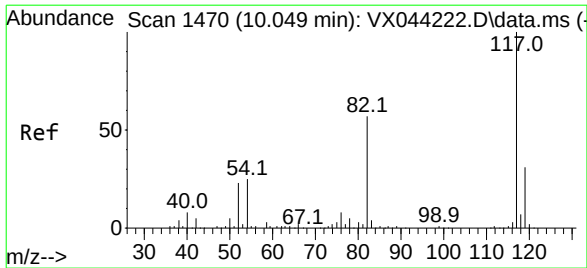
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#62
4-Bromofluorobenzene
Concen: 43.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 95 Resp: 83671
Ion Ratio Lower Upper
95 100
174 81.4 0.0 145.8
176 78.5 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: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

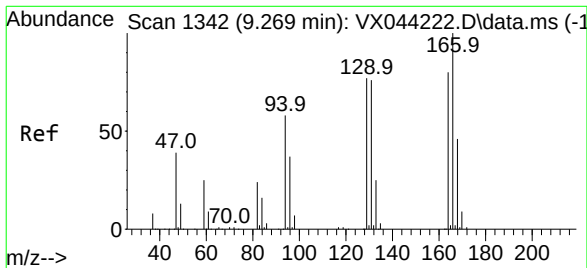
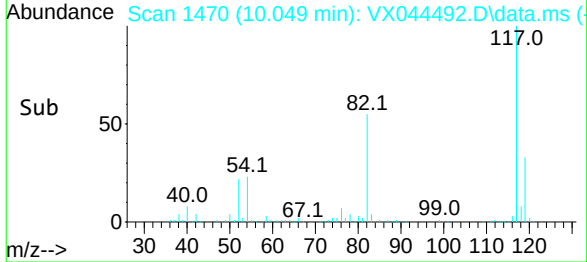
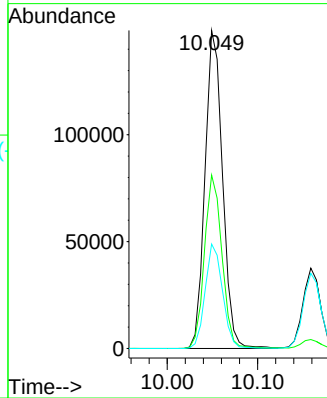
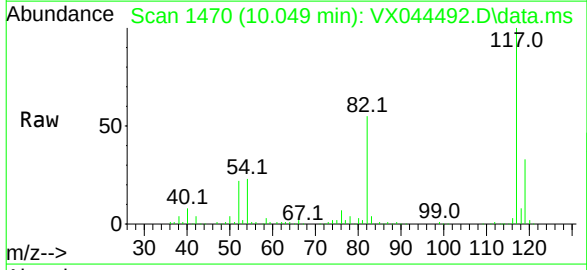
Tgt Ion:	117	Resp:	200491
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.8	68.8
119	32.8	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#64

Tetrachloroethene

Concen: 54.558 ug/l

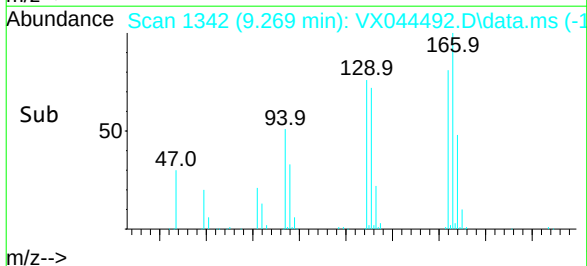
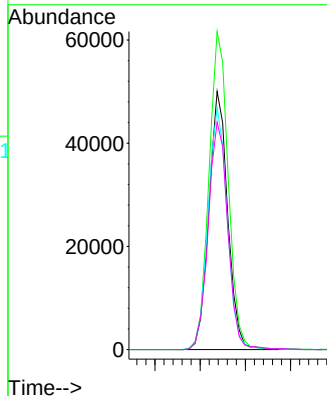
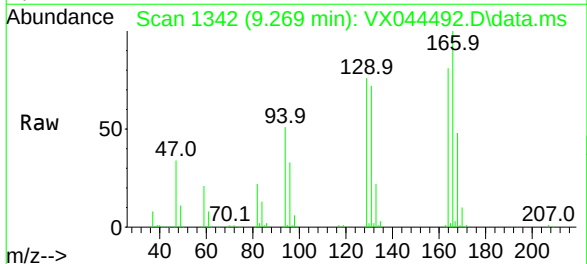
RT: 9.269 min Scan# 1342

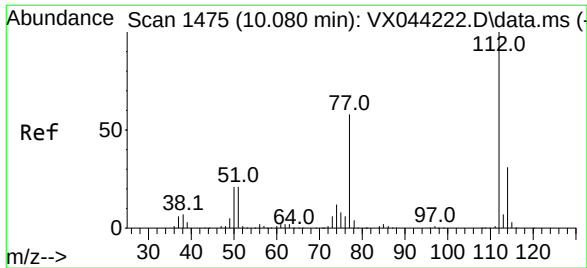
Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Tgt Ion:	164	Resp:	72600
Ion	Ratio	Lower	Upper
164	100		
166	123.2	100.4	150.6
129	93.6	77.2	115.8
131	88.1	76.2	114.2





#65

Chlorobenzene

Concen: 51.470 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 221119

Ion Ratio Lower Upper

112 100

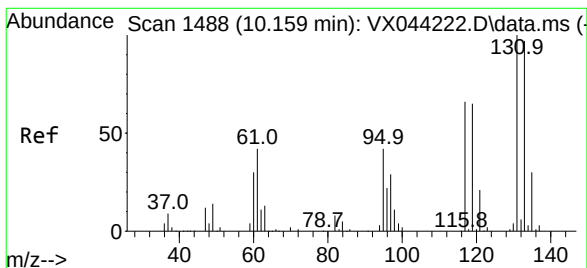
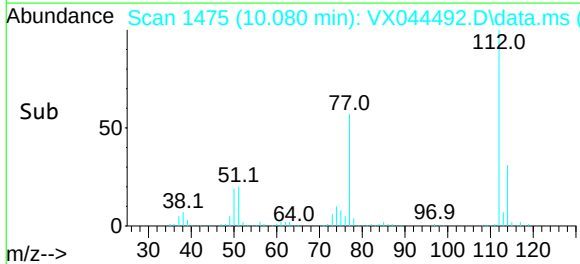
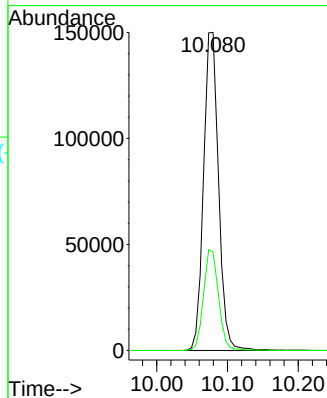
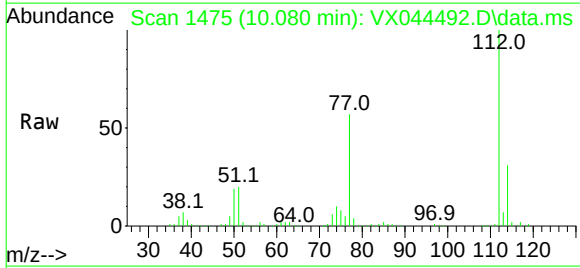
114 31.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 54.615 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

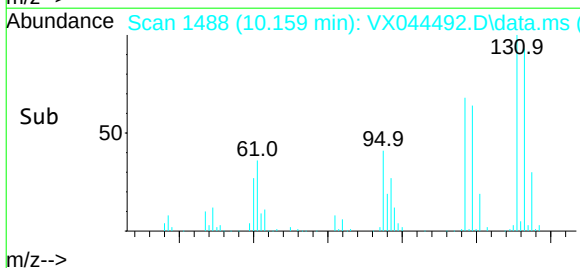
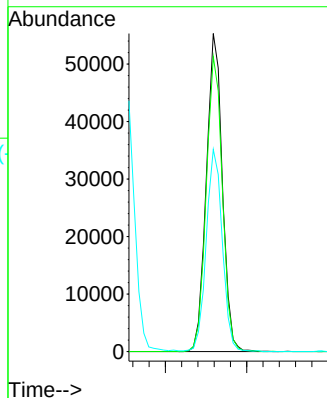
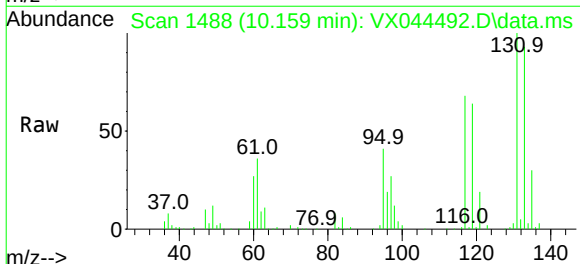
Tgt Ion:131 Resp: 75407

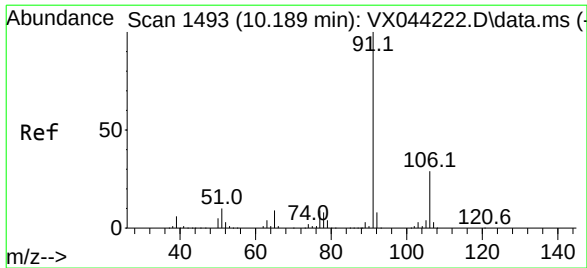
Ion Ratio Lower Upper

131 100

133 93.5 47.3 141.8

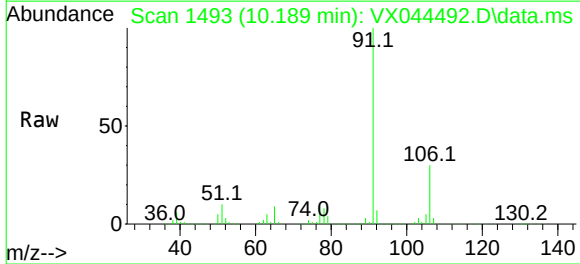
119 64.0 31.6 95.0





#67
Ethyl Benzene
Concen: 50.731 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

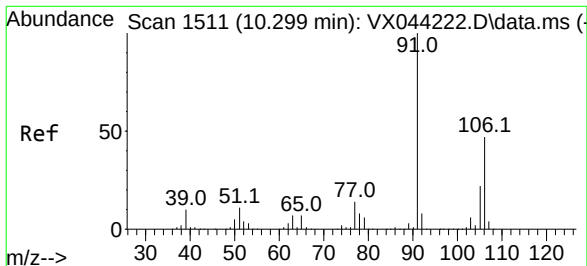
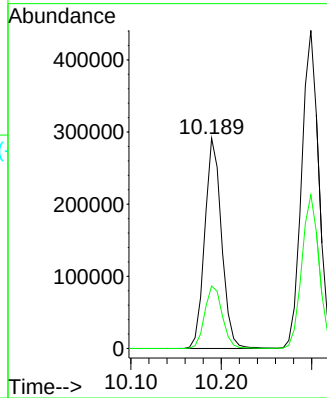
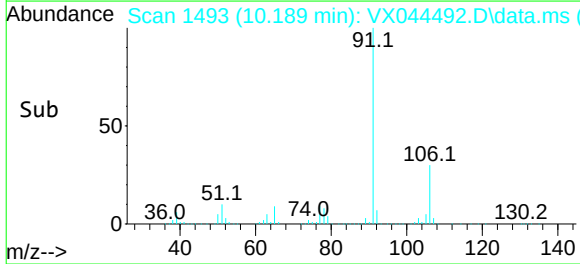
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 376573
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3

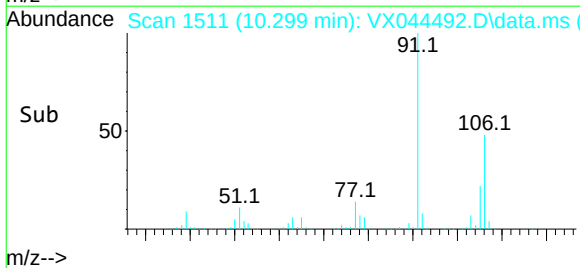
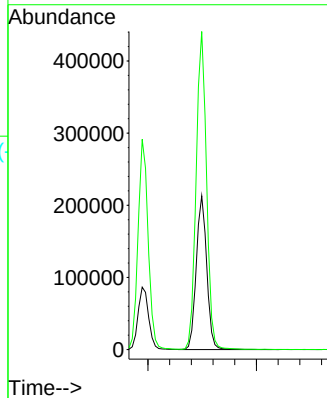
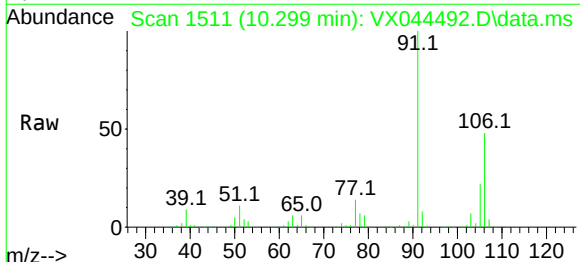
Manual Integrations
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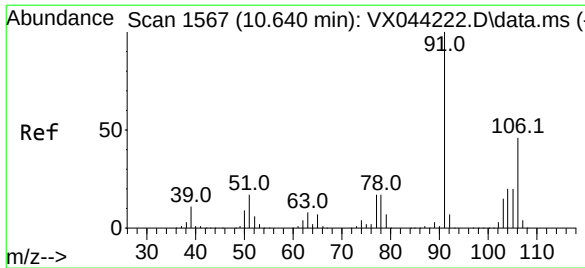
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#68
m/p-Xylenes
Concen: 105.040 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:106 Resp: 286106
Ion Ratio Lower Upper
106 100
91 203.9 170.2 255.2





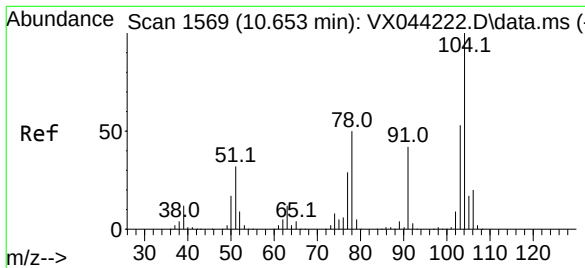
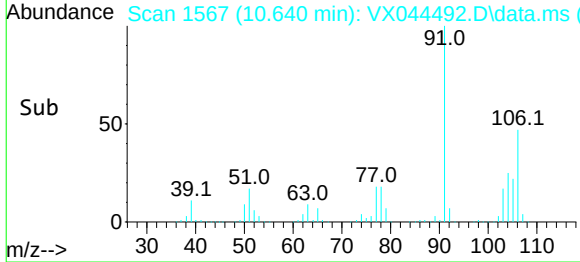
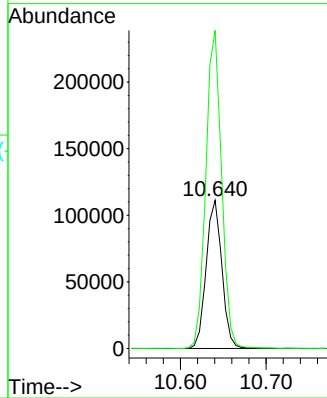
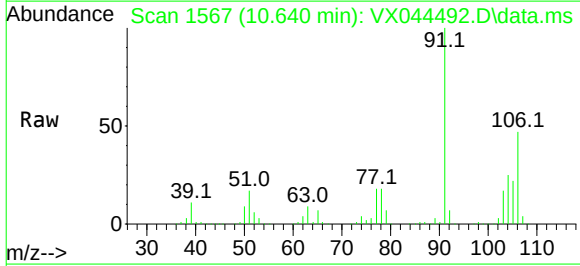
#69
o-Xylene
Concen: 51.527 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 142004
Ion Ratio Lower Upper
106 100
91 215.0 112.3 337.0

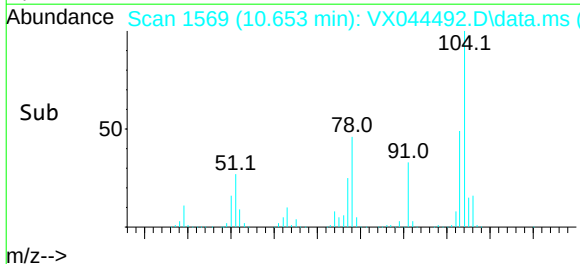
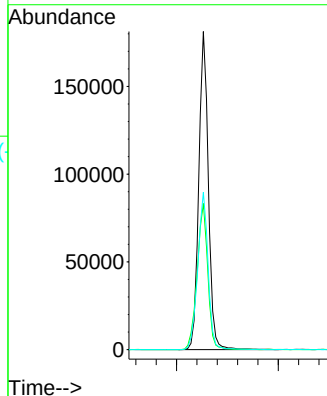
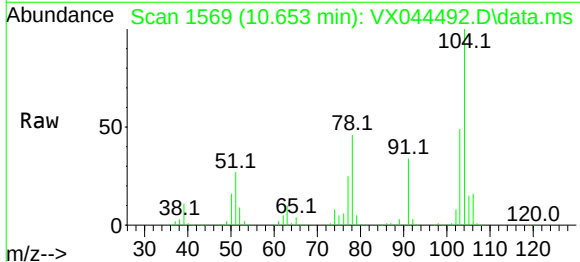
Manual Integrations
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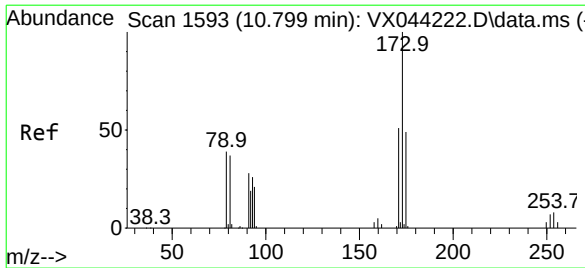
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 53.584 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:104 Resp: 236734
Ion Ratio Lower Upper
104 100
78 51.2 44.6 67.0
103 53.6 45.4 68.0





#71

Bromoform

Concen: 50.746 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

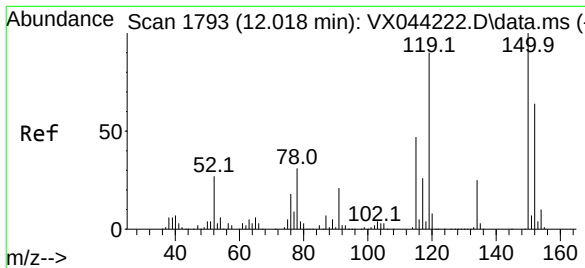
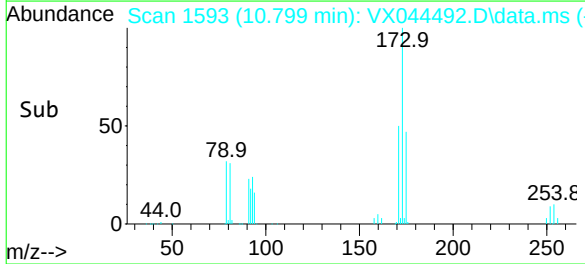
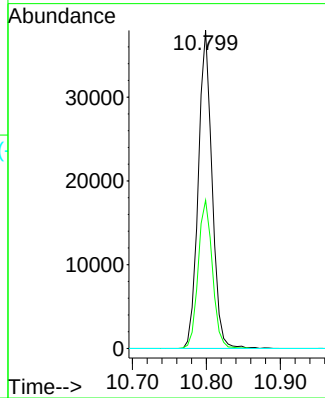
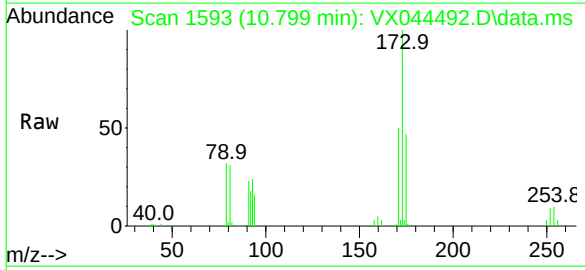
Tgt Ion:	173	Resp:	49054
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.8	71.4
254	0.0	0.0	0.0

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

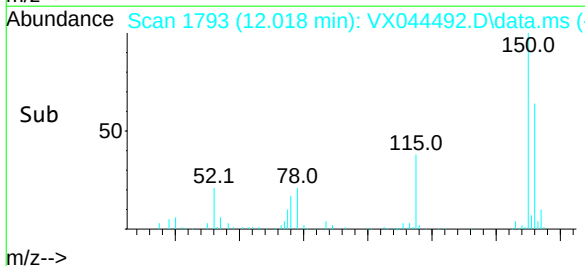
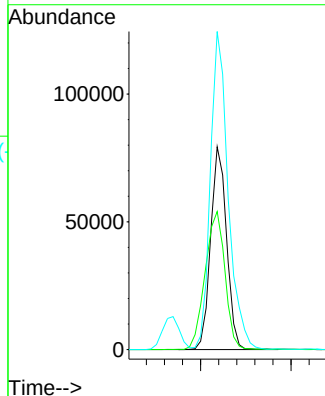
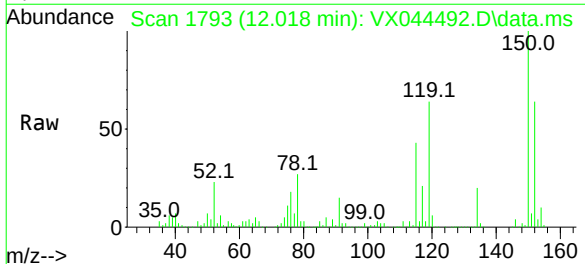
RT: 12.018 min Scan# 1793

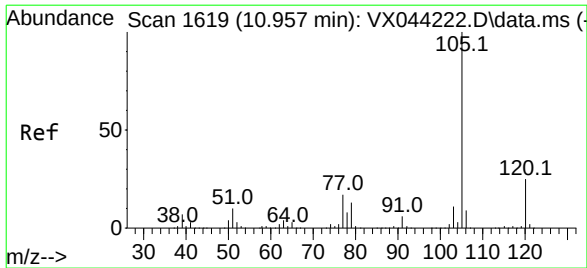
Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Tgt Ion:	152	Resp:	97321
Ion Ratio	Lower	Upper	
152	100		
115	84.8	44.5	133.3
150	174.1	0.0	353.8





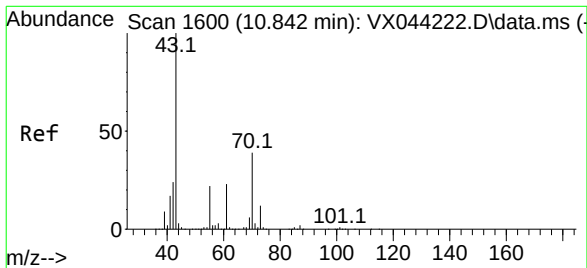
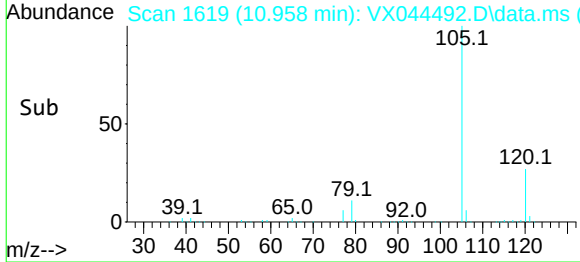
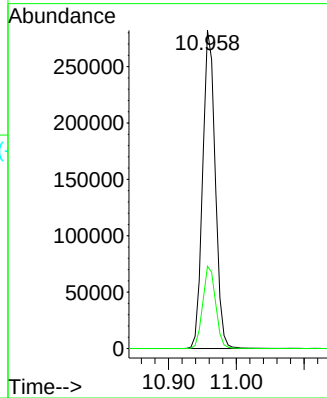
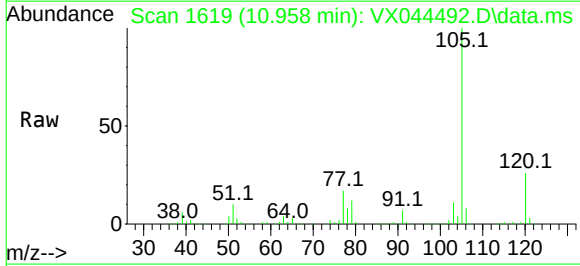
#73
Isopropylbenzene
Concen: 48.696 ug/l
RT: 10.958 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 362803
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

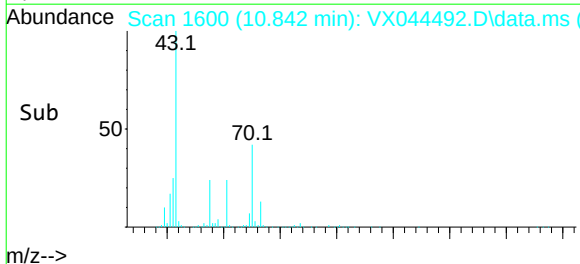
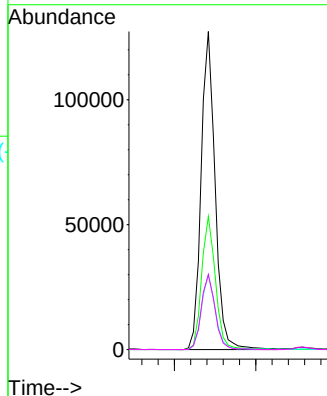
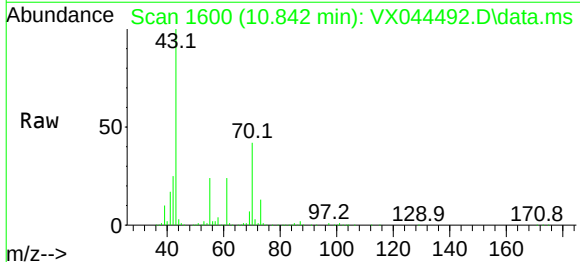
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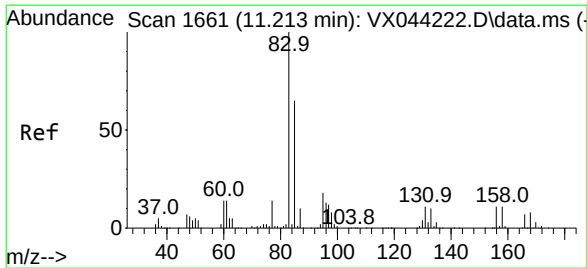
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#74
N-ethyl acetate
Concen: 44.229 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 152291
Ion Ratio Lower Upper
43 100
70 41.4 31.9 47.9
55 23.5 17.9 26.9
61 23.3 17.9 26.9





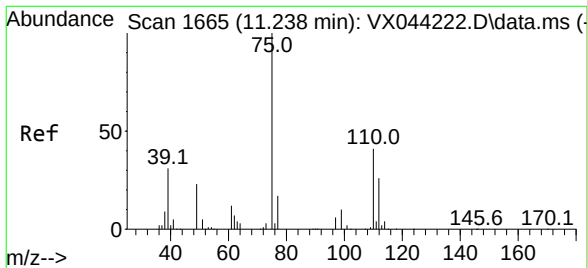
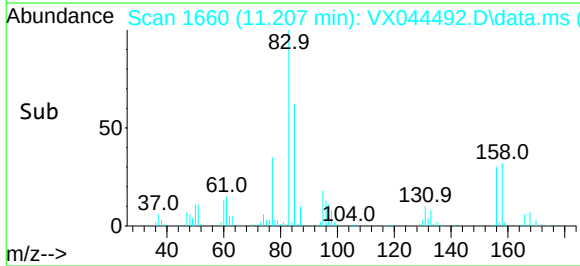
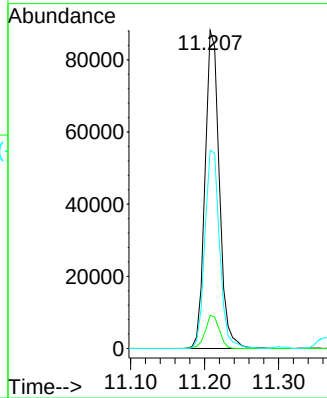
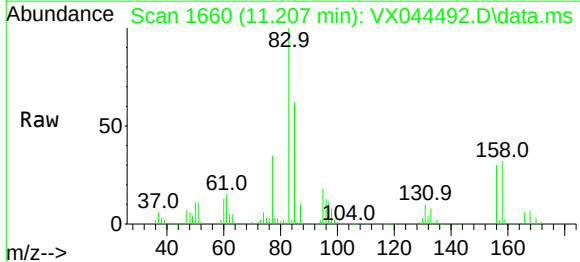
#75
1,1,2,2-Tetrachloroethane
Concen: 45.716 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 118300
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 64.2 32.5 97.4

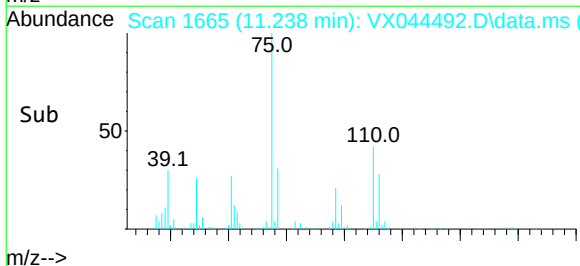
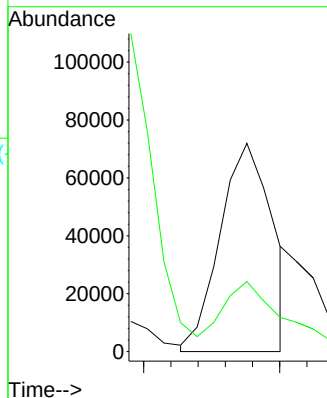
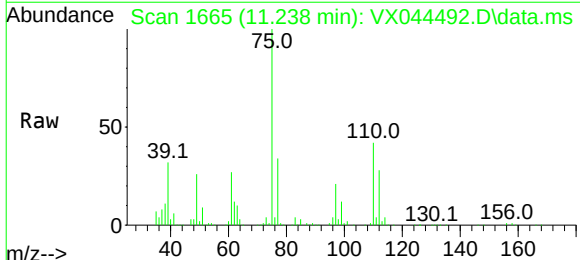
Manual Integrations
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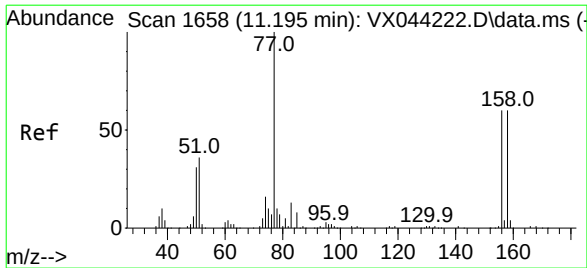
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#76
1,2,3-Trichloropropane
Concen: 44.099 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 95824
Ion Ratio Lower Upper
75 100
77 40.5 20.9 62.7





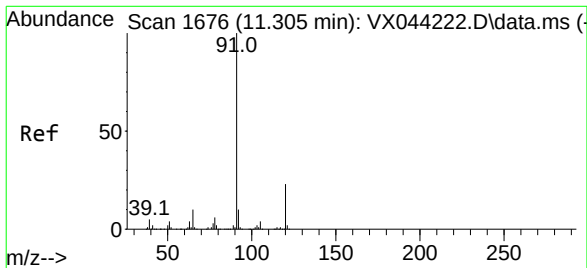
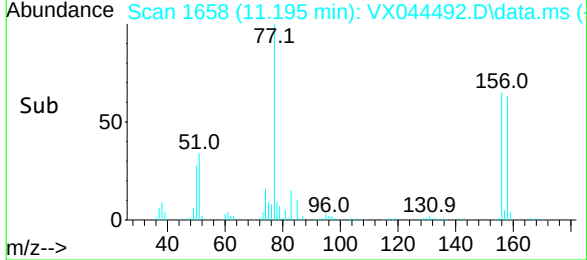
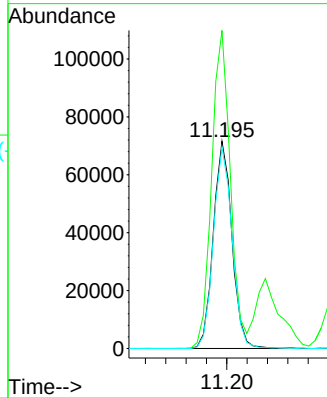
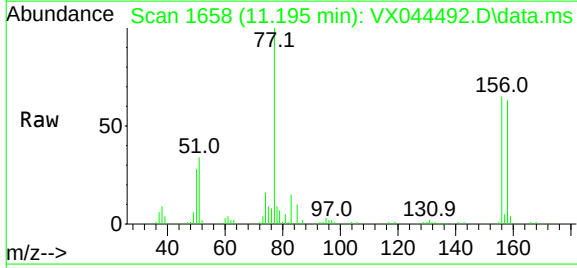
#77
Bromobenzene
Concen: 50.455 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 91156
Ion Ratio Lower Upper
156 100
77 153.3 82.6 247.8
158 97.5 48.8 146.4

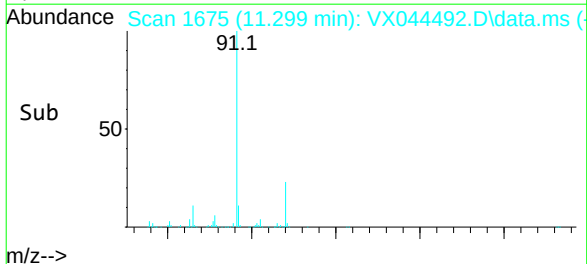
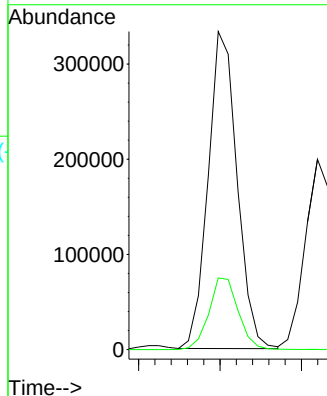
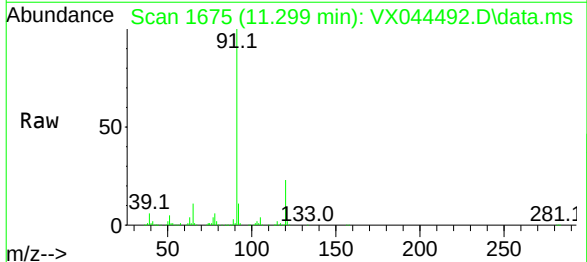
Manual Integrations
APPROVED

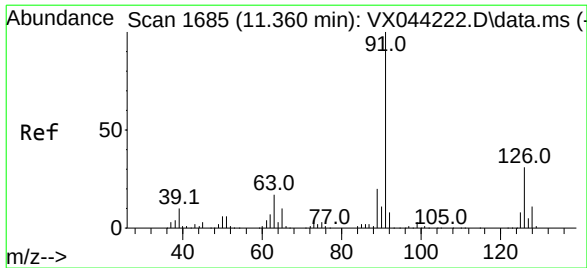
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#78
n-propylbenzene
Concen: 50.048 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 91 Resp: 412127
Ion Ratio Lower Upper
91 100
120 22.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 47.209 ug/l

RT: 11.360 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 251412

Ion Ratio Lower Upper

91 100

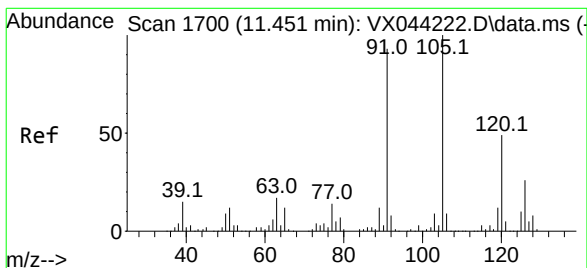
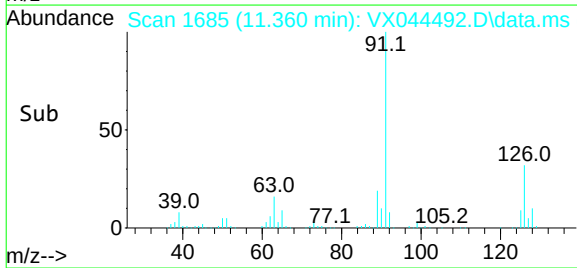
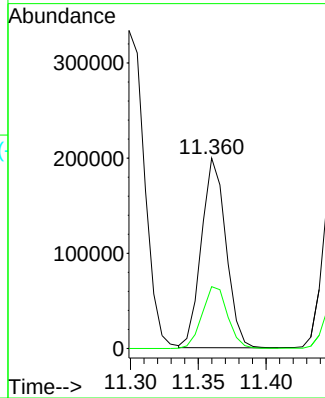
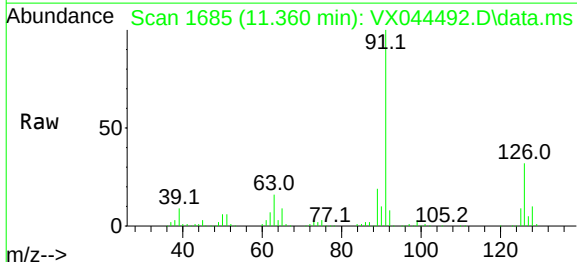
126 34.0 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 48.618 ug/l

RT: 11.445 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VX044492.D

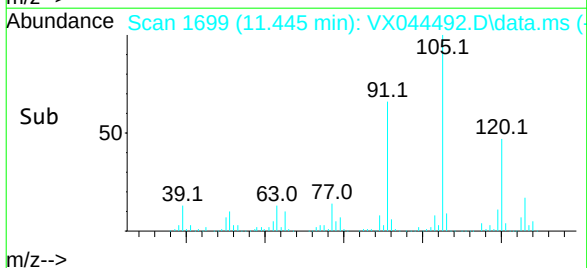
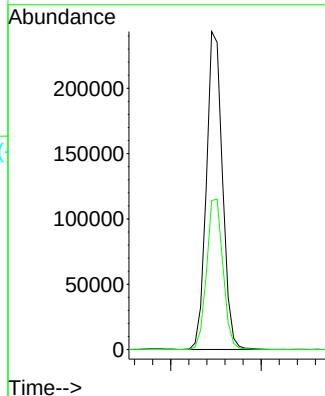
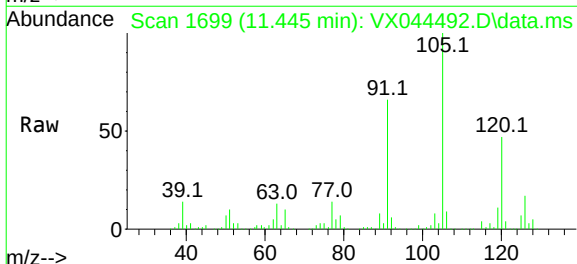
Acq: 23 Dec 2024 19:49

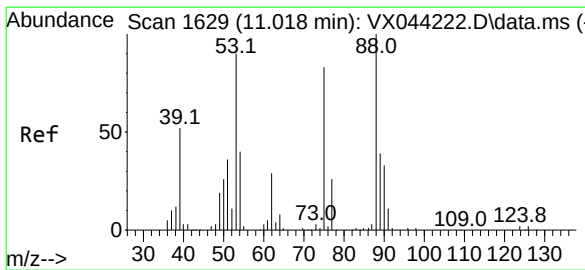
Tgt Ion:105 Resp: 300384

Ion Ratio Lower Upper

105 100

120 48.4 23.8 71.4





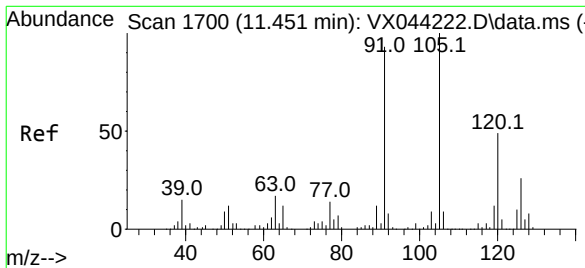
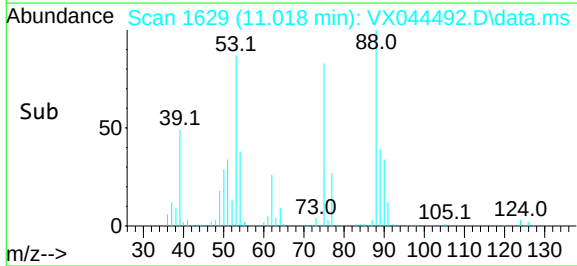
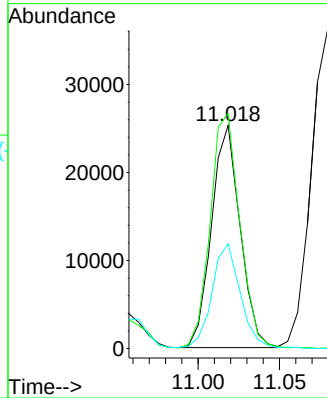
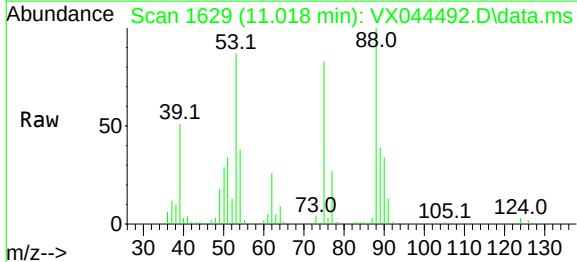
#81
trans-1,4-Dichloro-2-butene
Concen: 41.730 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 30857
Ion Ratio Lower Upper
75 100
53 110.0 93.6 140.4
89 47.2 37.3 55.9

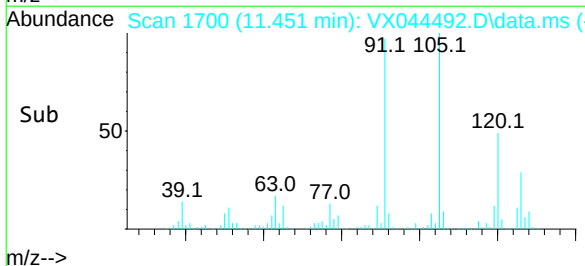
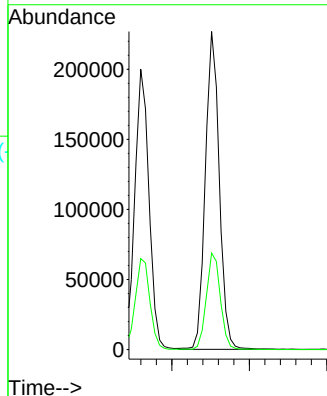
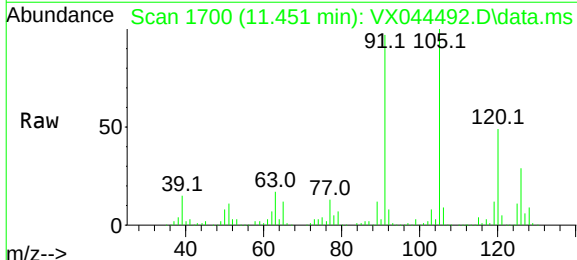
Manual Integrations
APPROVED

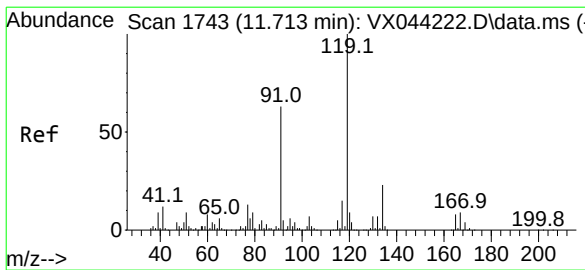
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 48.094 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion: 91 Resp: 283625
Ion Ratio Lower Upper
91 100
126 30.7 14.5 43.5





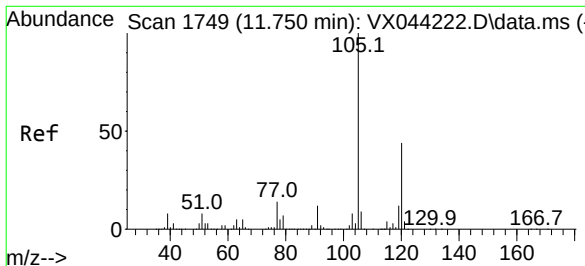
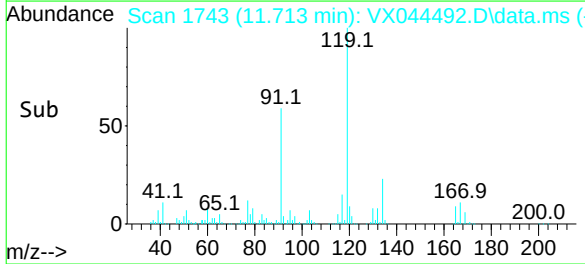
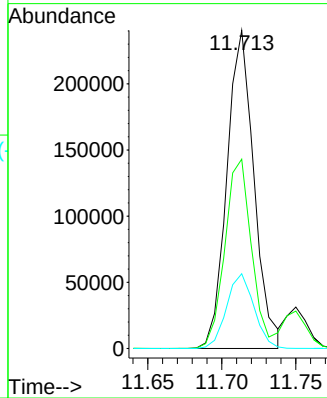
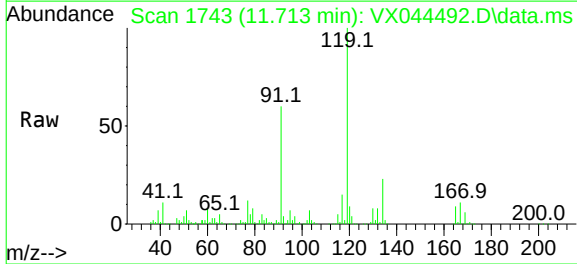
#83
tert-Butylbenzene
Concen: 50.203 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 306541
Ion Ratio Lower Upper
119 100
91 58.2 30.9 92.5
134 23.8 11.5 34.4

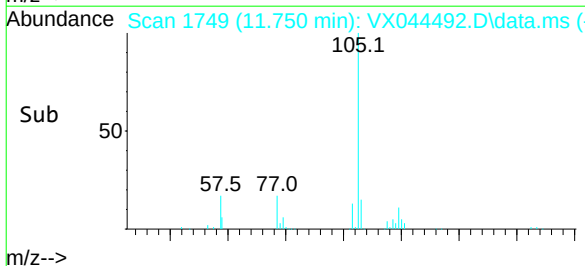
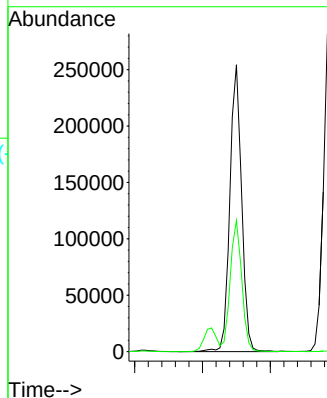
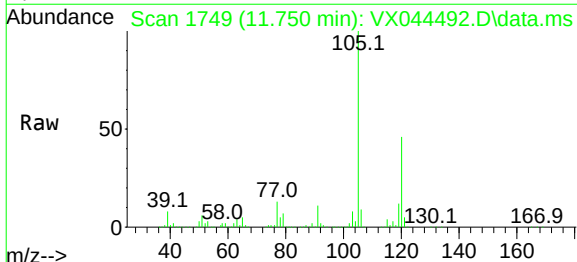
Manual Integrations
APPROVED

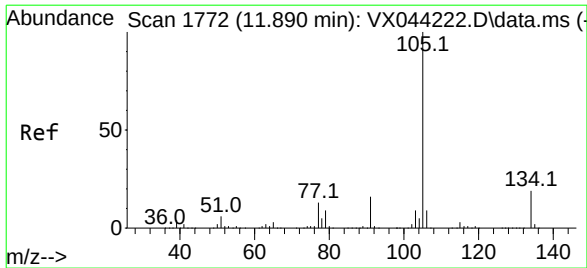
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 50.368 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:105 Resp: 305617
Ion Ratio Lower Upper
105 100
120 45.0 21.7 65.1





#85

sec-Butylbenzene

Concen: 49.579 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 367512

Ion Ratio Lower Upper

105 100

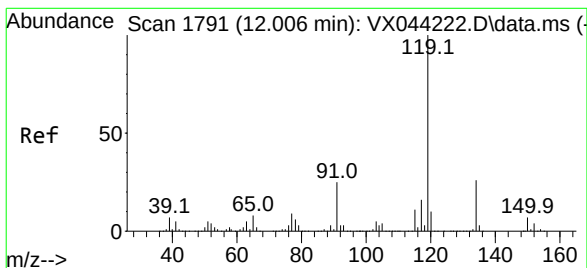
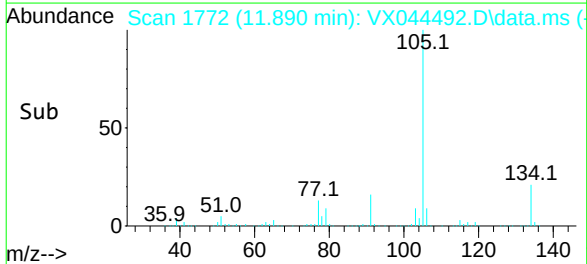
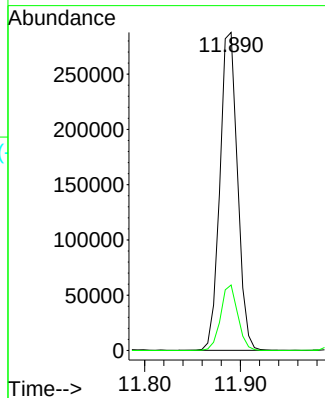
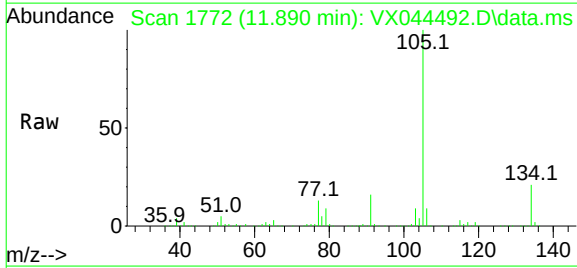
134 20.1 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#86

p-Isopropyltoluene

Concen: 50.162 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

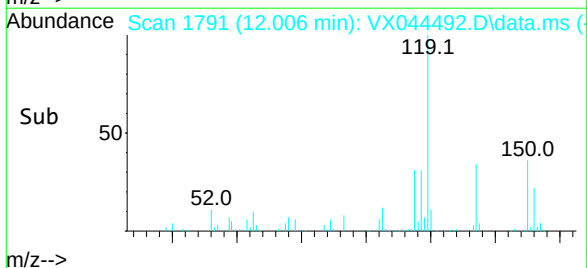
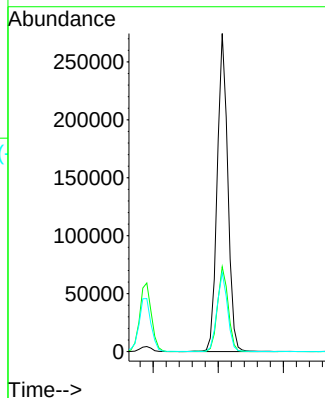
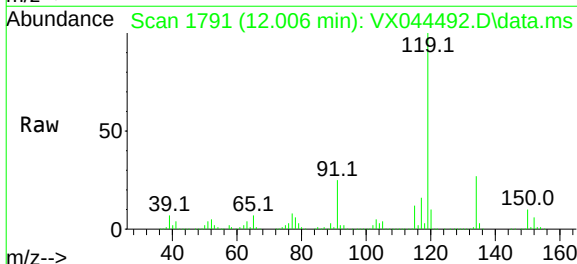
Tgt Ion:119 Resp: 309480

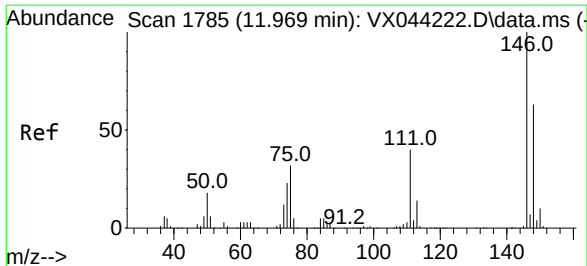
Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.4

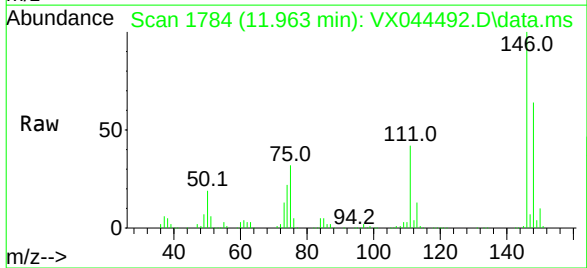
91 24.7 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 51.562 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

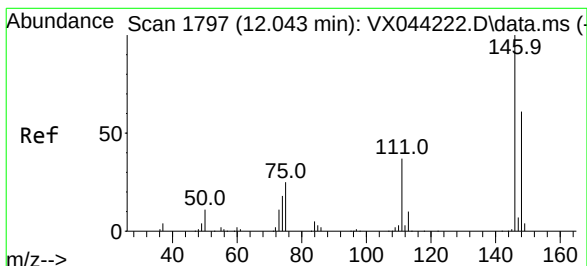
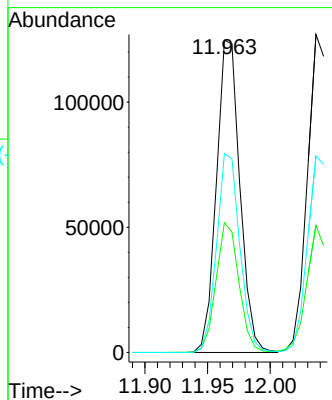
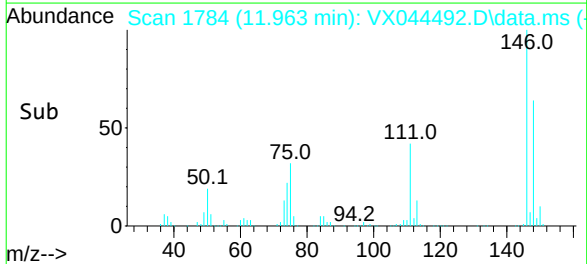
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



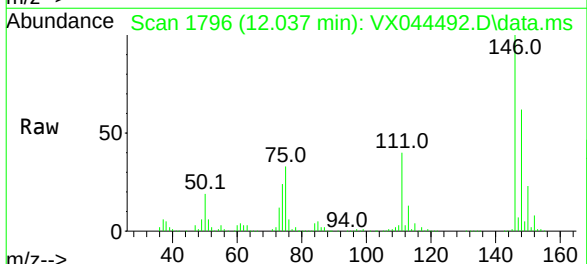
Tgt Ion:146 Resp: 162721
Ion Ratio Lower Upper
146 100
111 40.6 21.4 64.2
148 63.1 31.7 95.1

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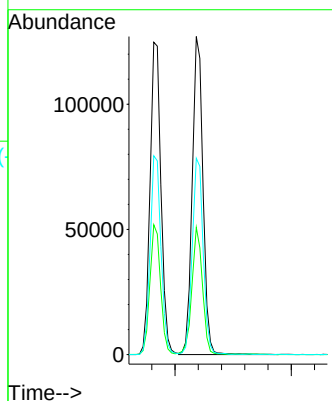
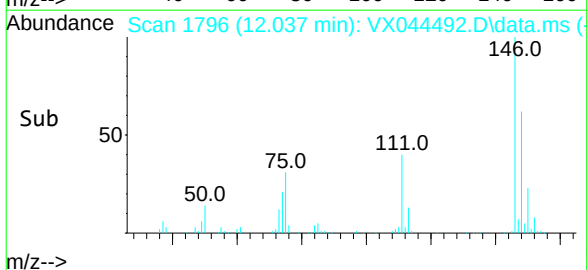
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

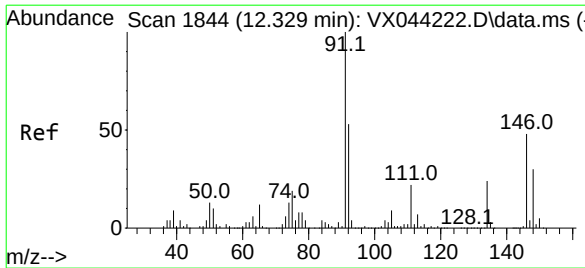


#88
1,4-Dichlorobenzene
Concen: 50.314 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49



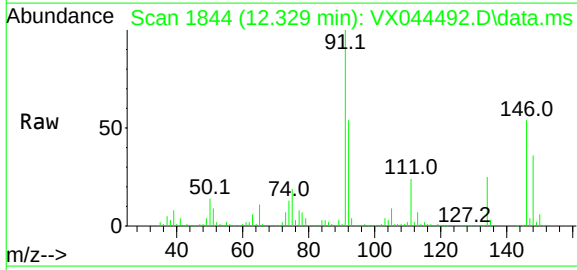
Tgt Ion:146 Resp: 163225
Ion Ratio Lower Upper
146 100
111 39.0 21.0 63.0
148 62.6 32.3 96.8





#89
n-Butylbenzene
Concen: 50.094 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

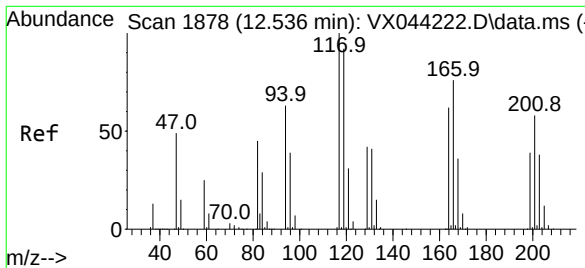
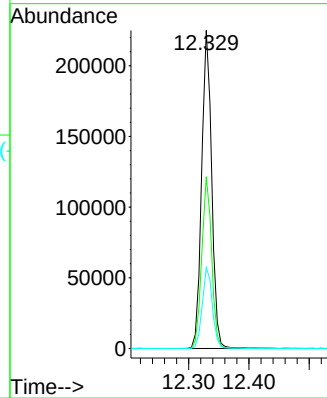
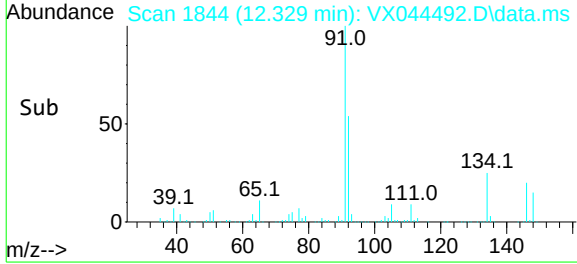
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 259880
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.7
134 25.7 12.6 37.8

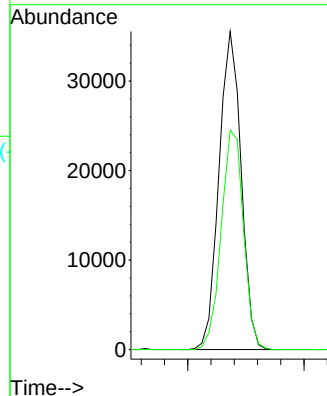
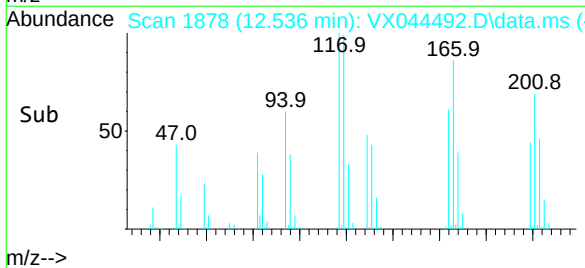
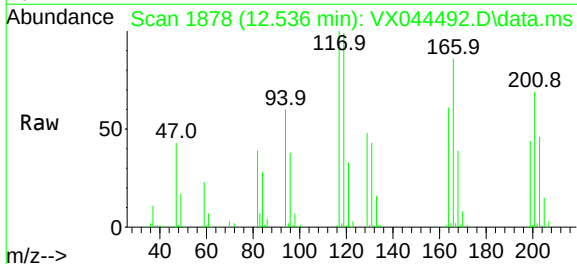
Manual Integrations
APPROVED

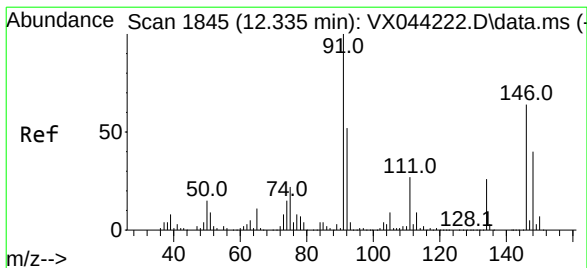
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 52.126 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:117 Resp: 46945
Ion Ratio Lower Upper
117 100
201 69.5 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 49.511 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 162236

Ion Ratio Lower Upper

146 100

111 40.7 21.4 64.3

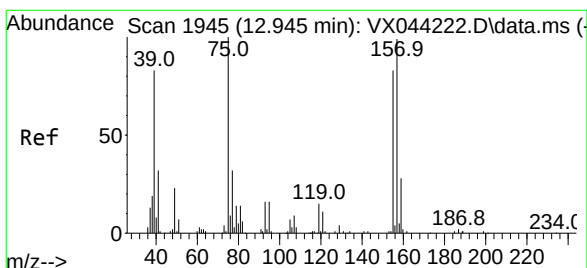
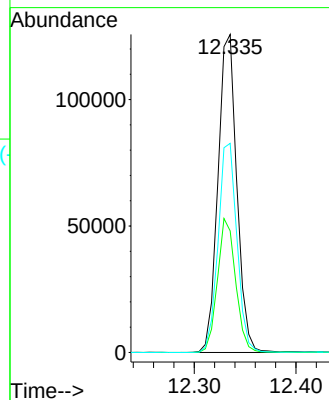
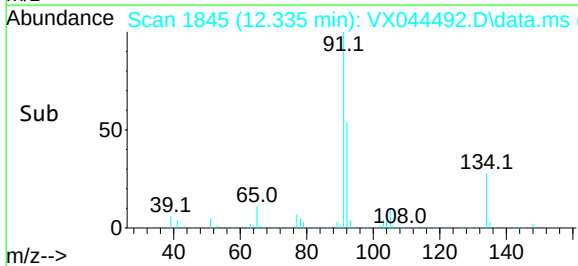
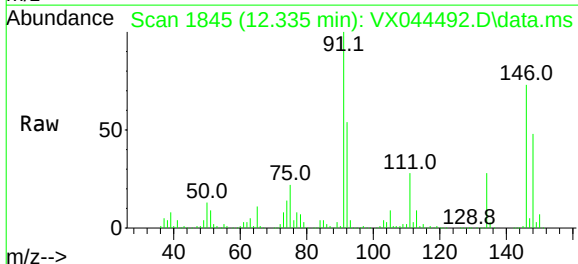
148 65.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.860 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

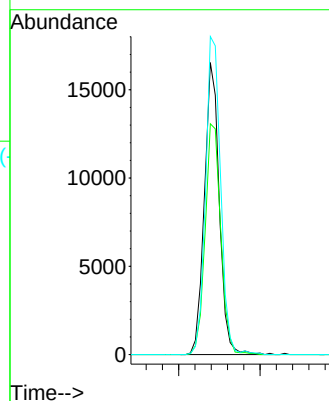
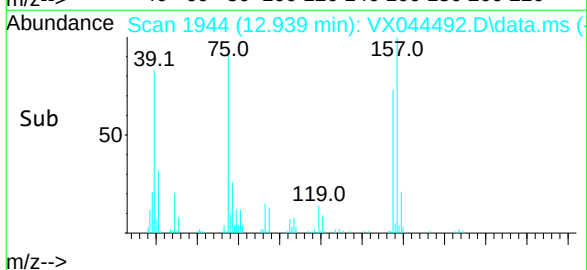
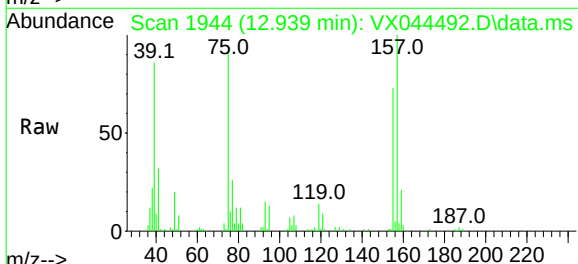
Tgt Ion: 75 Resp: 21028

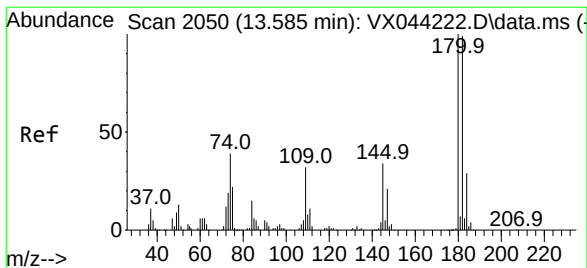
Ion Ratio Lower Upper

75 100

155 82.7 38.1 114.3

157 110.0 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 54.137 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

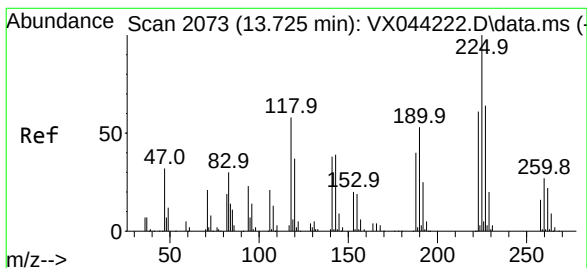
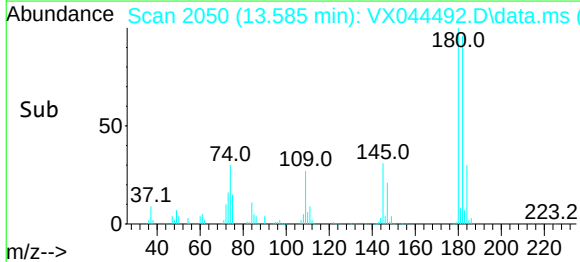
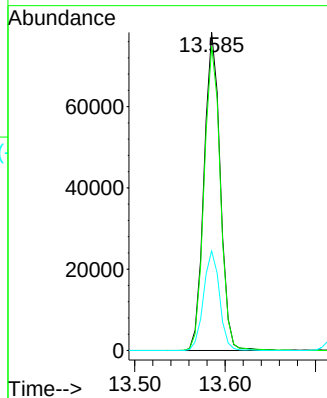
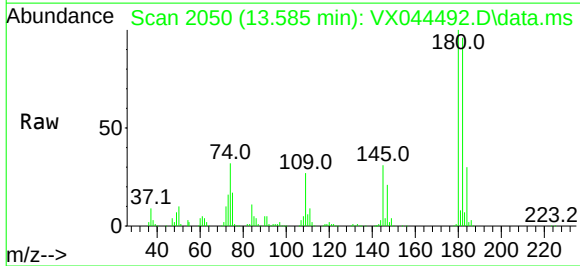
Tgt Ion:	180	Resp:	97256
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.0	144.2
145	31.0	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#94

Hexachlorobutadiene

Concen: 55.660 ug/l

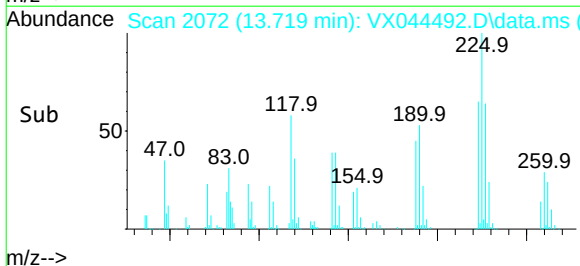
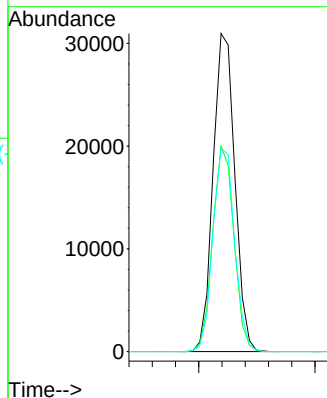
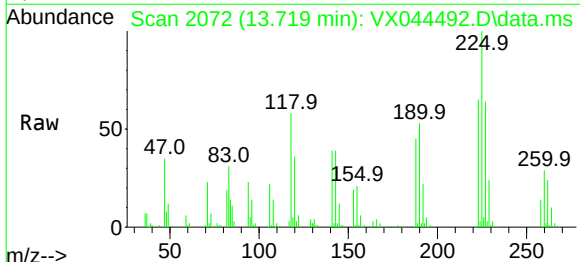
RT: 13.719 min Scan# 2072

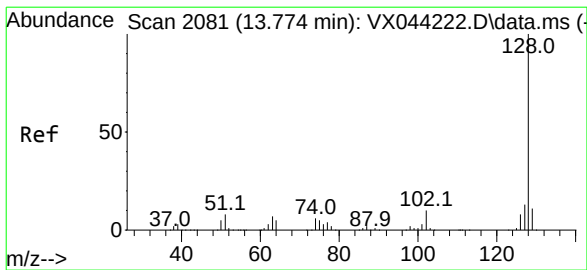
Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

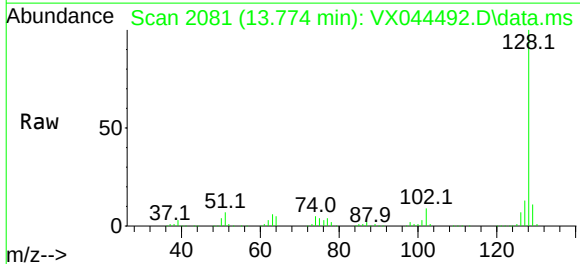
Tgt Ion:	225	Resp:	40220
Ion Ratio	Lower	Upper	
225	100		
223	63.2	30.8	92.4
227	63.8	32.1	96.3





#95
Naphthalene
Concen: 45.897 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

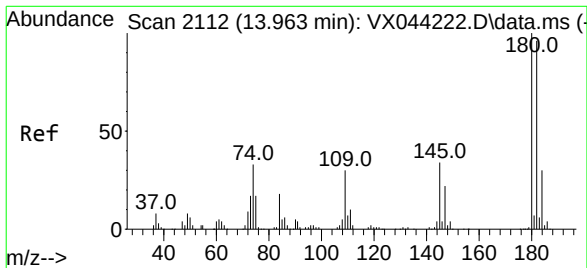
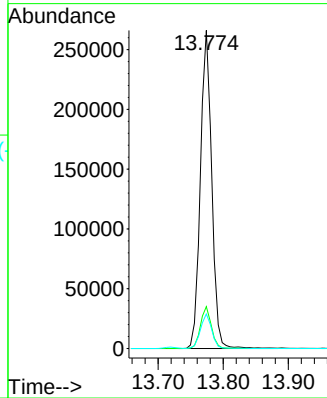
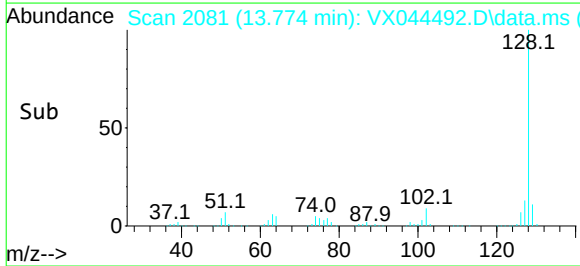
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 321843
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 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: 52.126 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX044492.D
Acq: 23 Dec 2024 19:49

Tgt Ion:180 Resp: 99323
Ion Ratio Lower Upper
180 100
182 94.9 48.0 144.0
145 33.3 17.7 53.1

