

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033811.D
 Acq On : 22 Jan 2024 18:35
 Operator : SY/MD
 Sample : P1191-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:46:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	219457	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	203660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	106810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	66893	39.661	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.320%
7) Chloroethane-d5	1.529	69	56667	42.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.860%
11) 1,1-Dichloroethene-d2	2.060	65	31494	43.388	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.780%
21) 2-Butanone-d5	3.783	46	80898	69.928	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.930%
24) Chloroform-d	4.249	84	129811	43.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.080%
26) 1,2-Dichloroethane-d4	4.940	65	84815	43.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
32) Benzene-d6	4.960	84	247068	42.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.340%
36) 1,2-Dichloropropane-d6	5.989	67	74945	39.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.640%
41) Toluene-d8	7.243	98	227037	43.521	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.040%
43) trans-1,3-Dichloroprop...	7.551	79	38656	41.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.080%
47) 2-Hexanone-d5	8.021	63	58550	74.063	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.060%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	95665	39.319	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	89751	44.289	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	72747	39.846	ug/L	100
3) Chloromethane	1.217	50	83861	40.394	ug/L	99
5) Vinyl chloride	1.285	62	92290	46.468	ug/L	83
6) Bromomethane	1.484	94	40647	39.159	ug/L	100
8) Chloroethane	1.548	64	55907	47.208	ug/L	96
9) Trichlorofluoromethane	1.716	101	126357	53.315	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	68559	49.100	ug/L	97
12) 1,1-Dichloroethene	2.072	96	64545	49.006	ug/L	92
13) Acetone	2.111	43	62255	56.283	ug/L	99
14) Carbon disulfide	2.243	76	194535	43.457	ug/L	99
15) Methyl Acetate	2.371	43	68591	37.922	ug/L	# 100
16) Methylene chloride	2.449	84	72443	45.087	ug/L	94
17) trans-1,2-Dichloroethene	2.696	96	63983	43.489	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	242736	45.874	ug/L	99
19) 1,1-Dichloroethane	3.111	63	131974	43.877	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	76179	46.524	ug/L	96
22) 2-Butanone	3.863	43	85935	63.968	ug/L	96
23) Bromochloromethane	4.149	128	38080	47.872	ug/L	85
25) Chloroform	4.275	83	133784	46.912	ug/L	100

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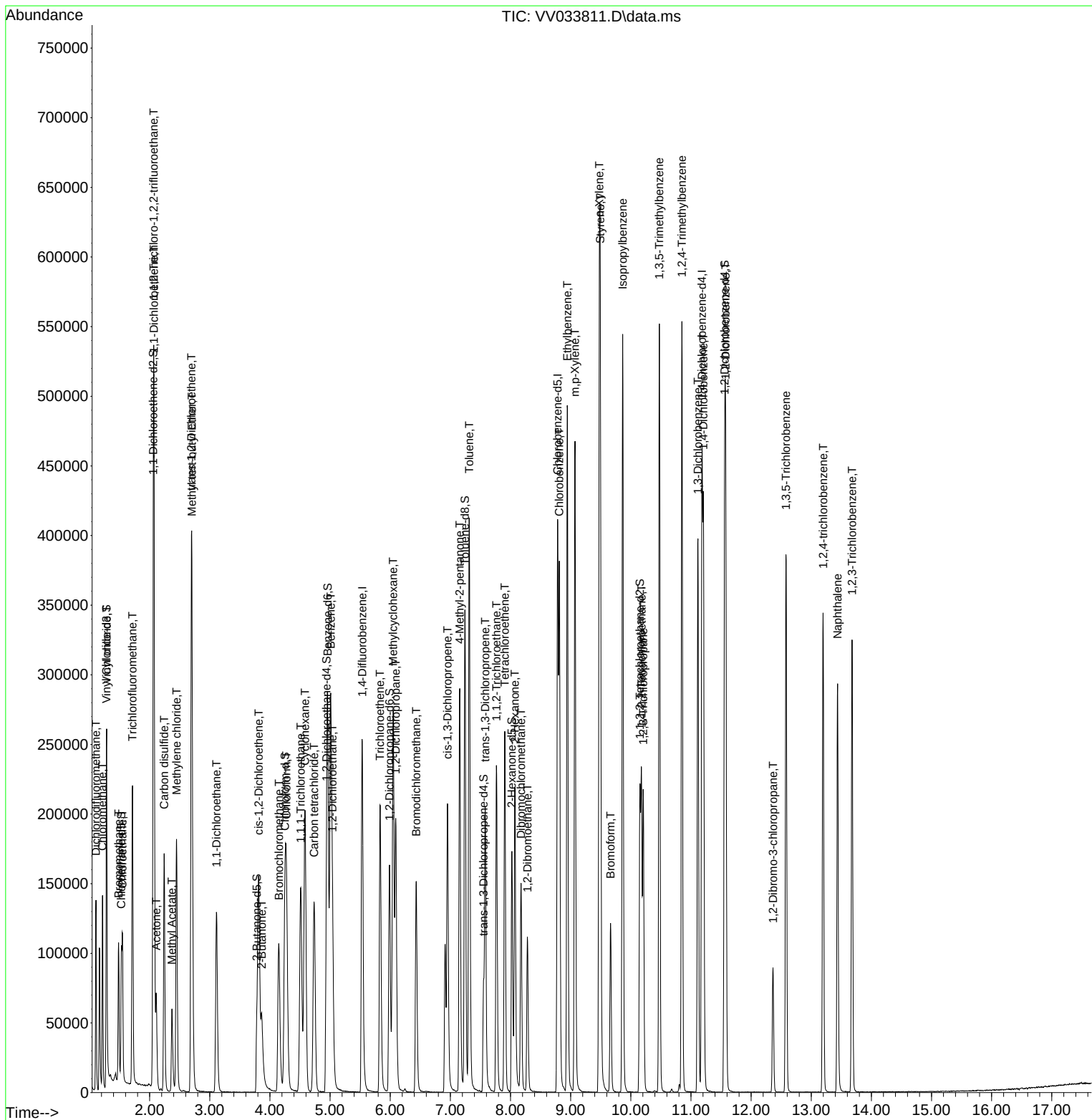
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 ClientSampleId :

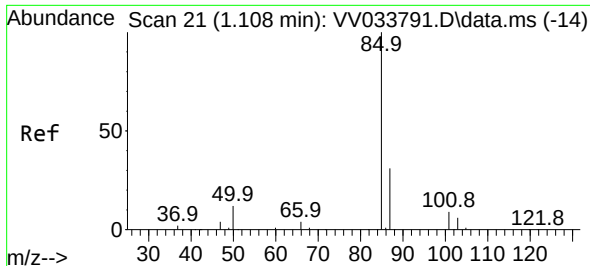
Quant Time: Jan 22 23:46:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	111151	46.664	ug/L	100
29) Cyclohexane	4.584	56	119092	41.479	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	121753	49.816	ug/L	99
31) Carbon tetrachloride	4.735	117	104623	50.151	ug/L	100
33) Benzene	5.011	78	274935	45.962	ug/L	100
34) Trichloroethene	5.831	95	71698	44.683	ug/L	97
35) Methylcyclohexane	6.050	83	115066	41.902	ug/L	96
37) 1,2-Dichloropropane	6.092	63	73348	44.559	ug/L	99
38) Bromodichloromethane	6.432	83	100668	46.749	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	122736	44.651	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	197449	80.953	ug/L	98
42) Toluene	7.313	91	291250	46.060	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	114306	45.126	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	69736	46.692	ug/L	98
46) Tetrachloroethene	7.905	164	56188	47.741	ug/L	97
48) 2-Hexanone	8.072	43	139993	72.033	ug/L	98
49) Dibromochloromethane	8.175	129	72840	46.827	ug/L	98
50) 1,2-Dibromoethane	8.281	107	72654	46.032	ug/L	98
51) Chlorobenzene	8.812	112	188507	46.801	ug/L	99
52) Ethylbenzene	8.944	91	335372	45.791	ug/L	100
53) m,p-Xylene	9.072	106	124025	45.870	ug/L	99
54) o-Xylene	9.477	106	125409	46.850	ug/L	97
55) Styrene	9.493	104	211022	45.661	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	104477	43.955	ug/L	99
59) Bromoform	9.664	173	51643	45.492	ug/L	99
60) Isopropylbenzene	9.866	105	336169	46.518	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	82044	43.281	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	287818	46.419	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	288500	46.697	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	152349	46.672	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	153421	46.874	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	153583	48.152	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	22702	41.502	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	111423	46.192	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	98328	44.912	ug/L	99
71) Naphthalene	13.438	128	220156	38.482	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	94602	46.294	ug/L	99

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

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QLast Update : Mon Jan 22 23:41:48 2024
Response via : Initial Calibration

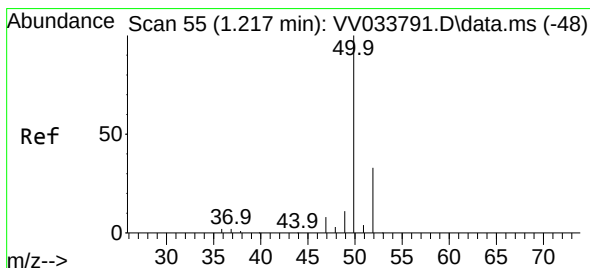
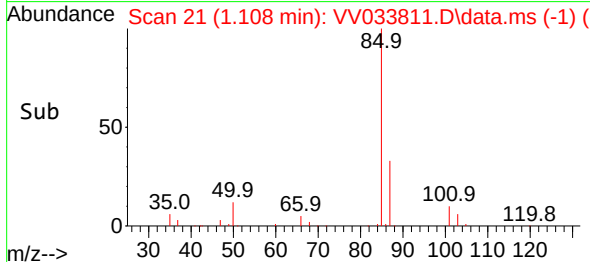
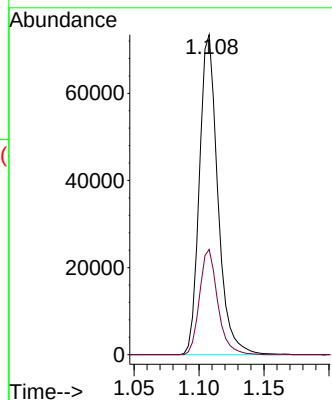
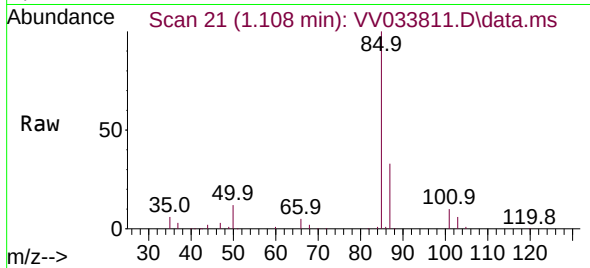




#2
Dichlorodifluoromethane
Concen: 39.846 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

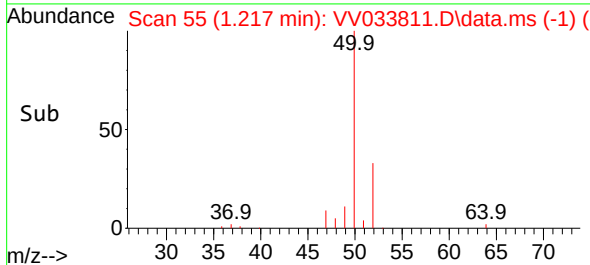
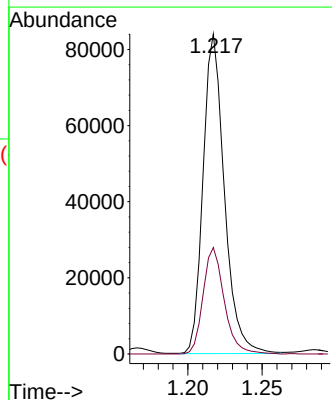
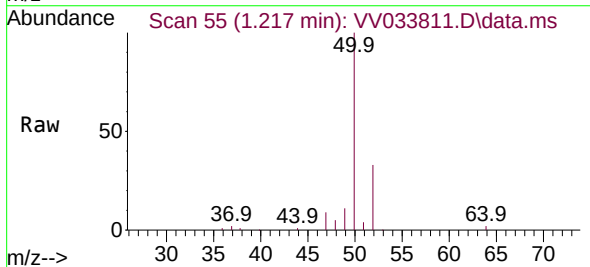
Instrument :
MSVOA_V
ClientSampleId :

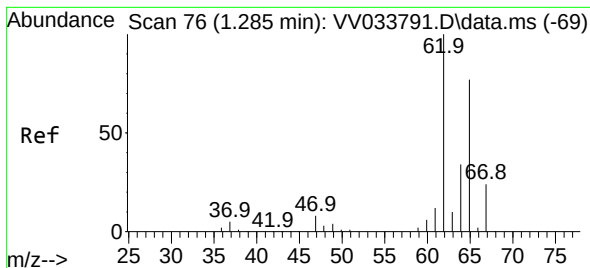
Tgt Ion: 85 Resp: 72747
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.6



#3
Chloromethane
Concen: 40.394 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion: 50 Resp: 83861
Ion Ratio Lower Upper
50 100
52 33.3 22.8 42.4





#5

Vinyl chloride

Concen: 46.468 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Instrument :

MSVOA_V

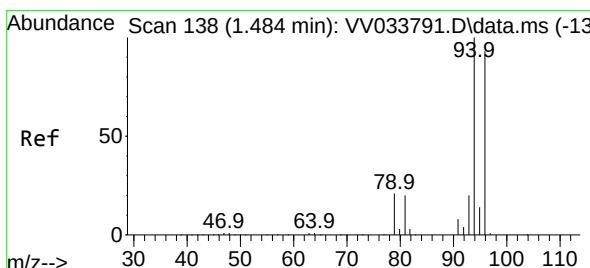
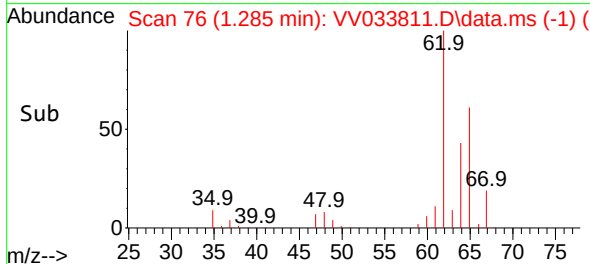
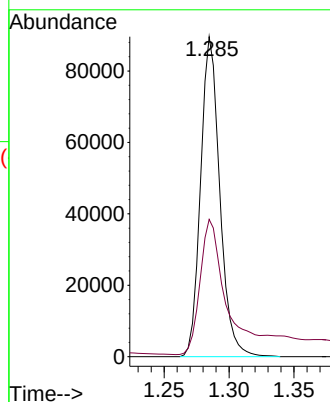
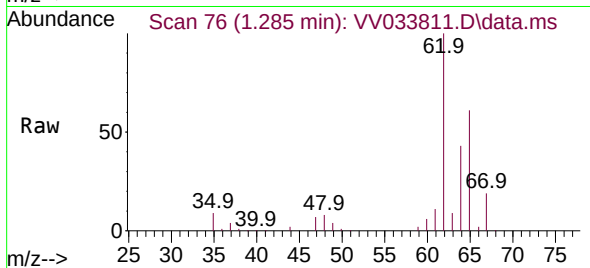
ClientSampleId :

Tgt Ion: 62 Resp: 92290

Ion Ratio Lower Upper

62 100

64 42.9 23.2 43.0



#6

Bromomethane

Concen: 39.159 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV033811.D

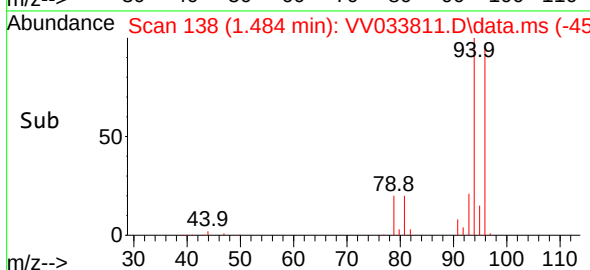
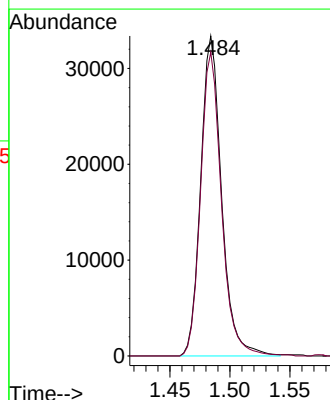
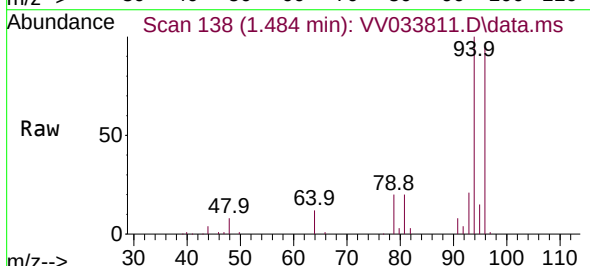
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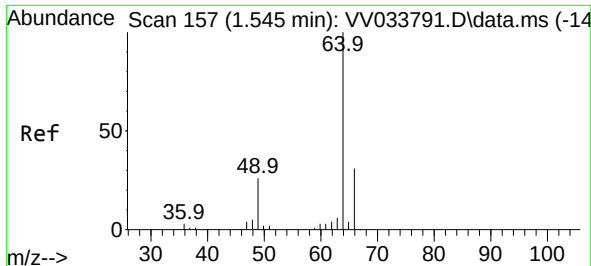
Tgt Ion: 94 Resp: 40647

Ion Ratio Lower Upper

94 100

96 94.9 66.4 123.2

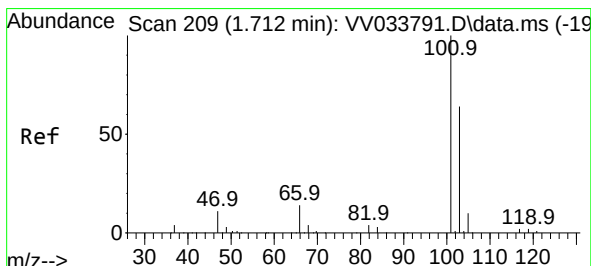
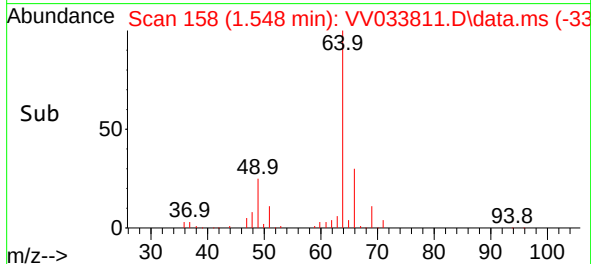
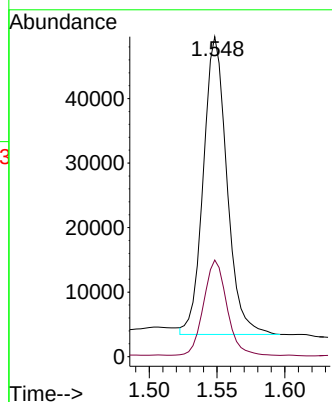
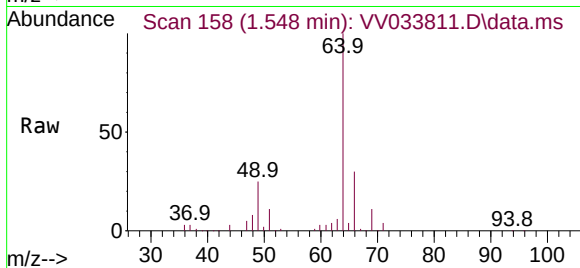




#8
Chloroethane
Concen: 47.208 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

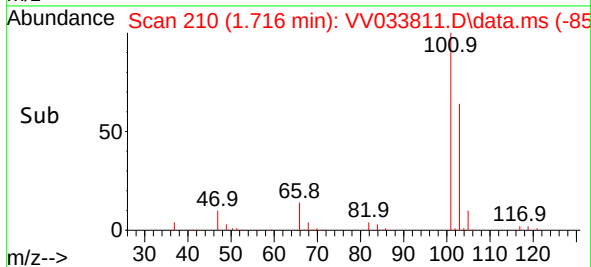
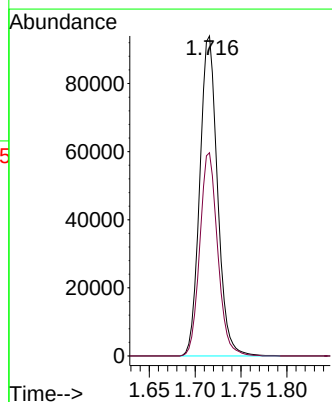
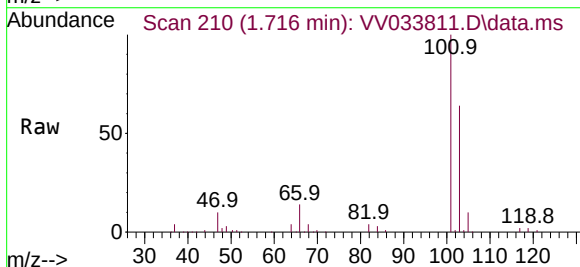
Instrument :
MSVOA_V
ClientSampleId :

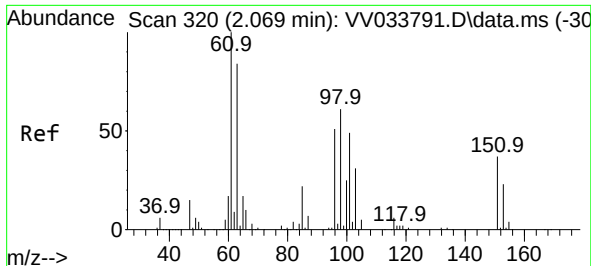
Tgt Ion: 64 Resp: 55907
Ion Ratio Lower Upper
64 100
66 30.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 53.315 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion: 101 Resp: 126357
Ion Ratio Lower Upper
101 100
103 64.0 51.3 76.9

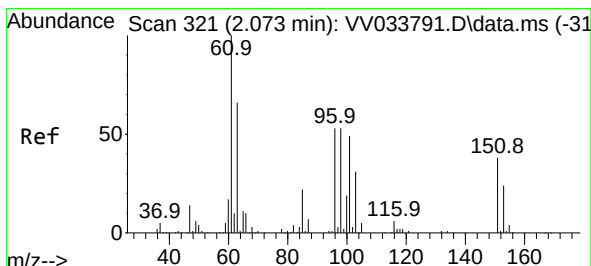
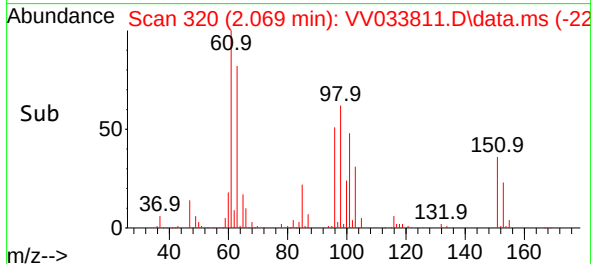
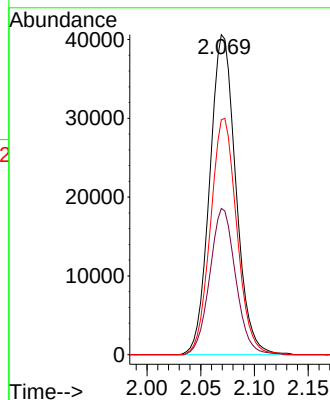
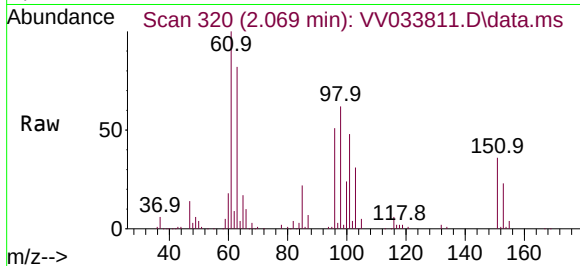




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.100 ug/L
 RT: 2.069 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV033811.D
 Acq: 22 Jan 2024 18:35

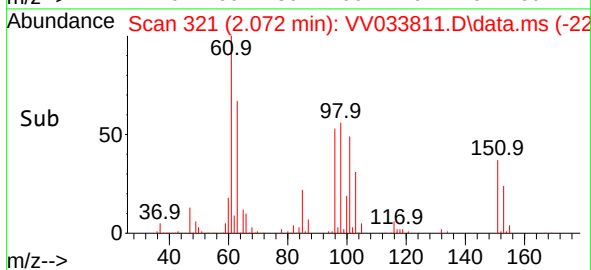
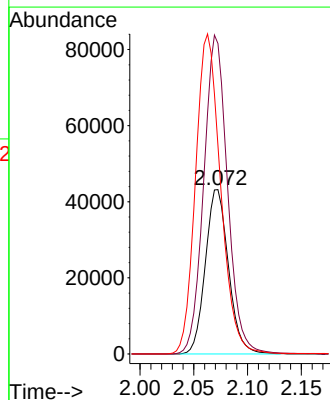
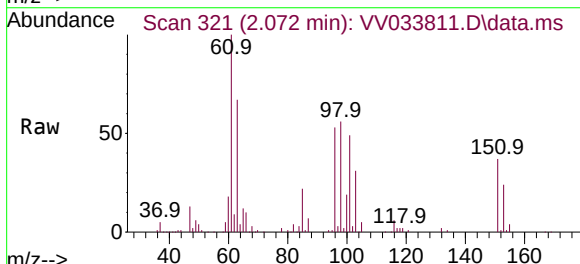
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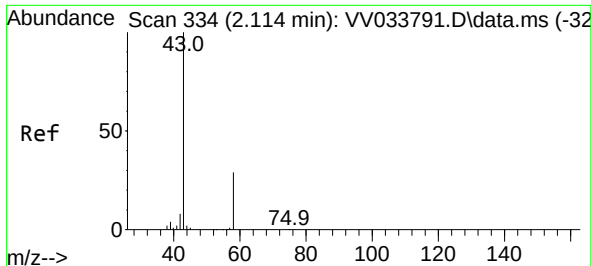
Tgt Ion:101 Resp: 68559
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.2 54.4
 151 74.5 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 49.006 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033811.D
 Acq: 22 Jan 2024 18:35

Tgt Ion: 96 Resp: 64545
 Ion Ratio Lower Upper
 96 100
 61 188.9 134.0 248.8
 63 126.8 103.4 192.0





#13

Acetone

Concen: 56.283 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Instrument :

MSVOA_V

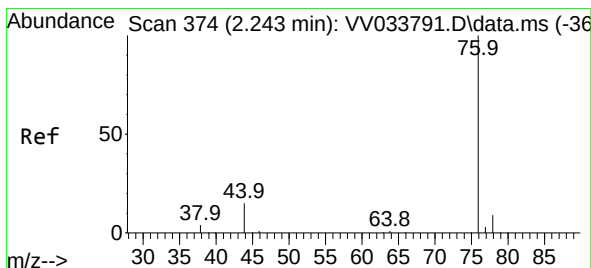
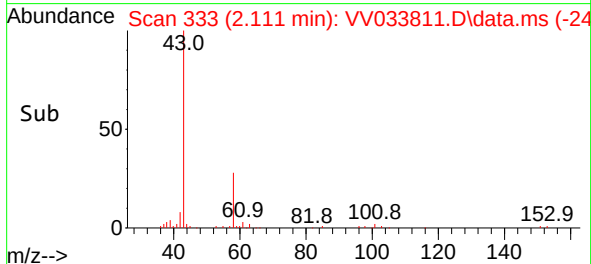
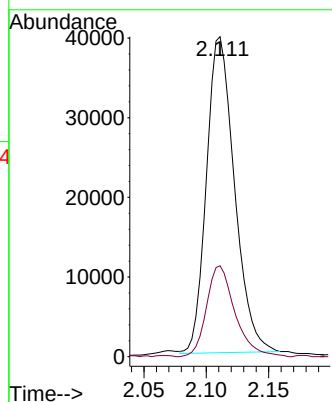
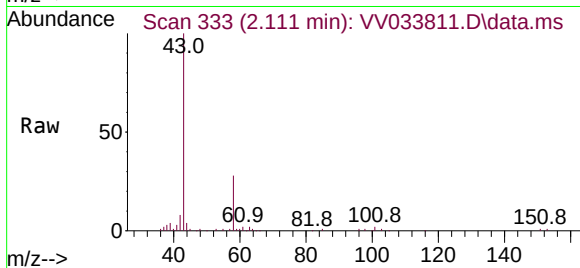
ClientSampleId :

Tgt Ion: 43 Resp: 62255

Ion Ratio Lower Upper

43 100

58 29.1 0.0 57.2



#14

Carbon disulfide

Concen: 43.457 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033811.D

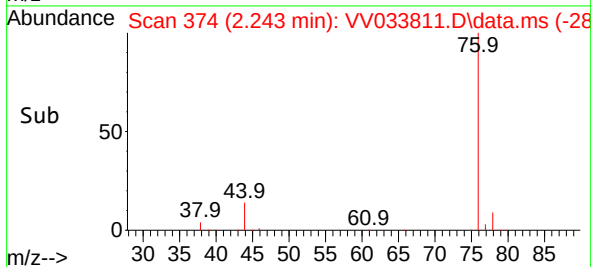
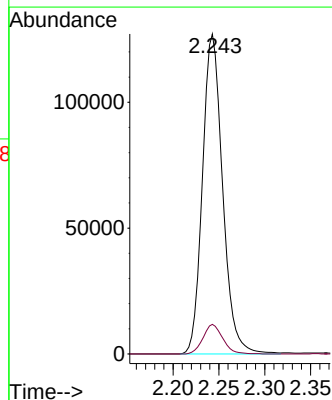
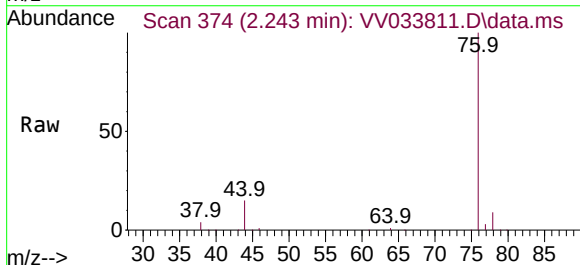
Acq: 22 Jan 2024 18:35

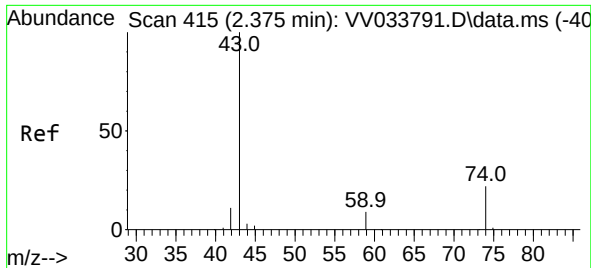
Tgt Ion: 76 Resp: 194535

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

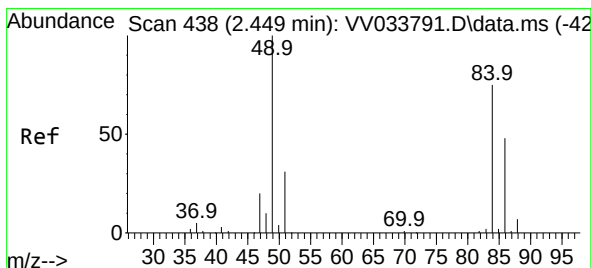
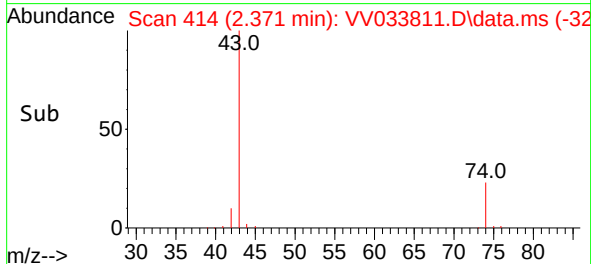
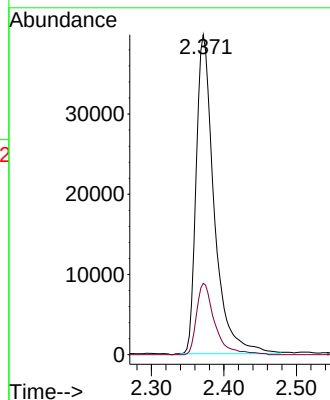
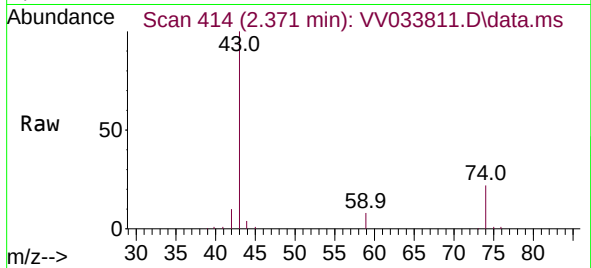




#15
Methyl Acetate
Concen: 37.922 ug/L
RT: 2.371 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

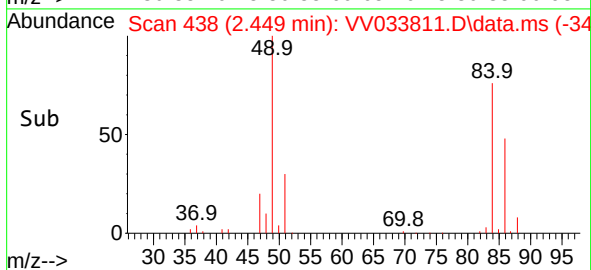
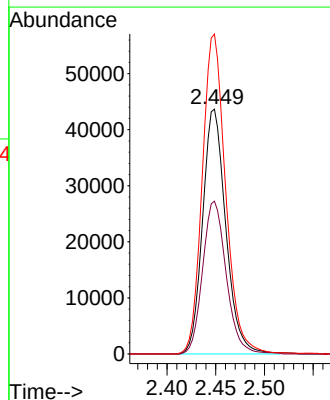
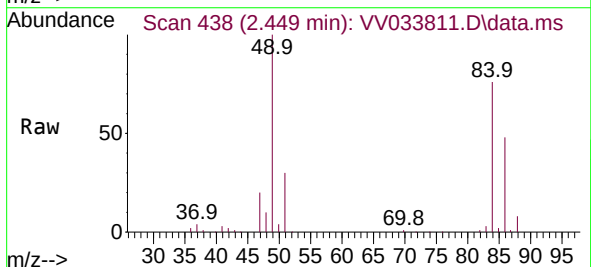
Instrument :
MSVOA_V
ClientSampleId :

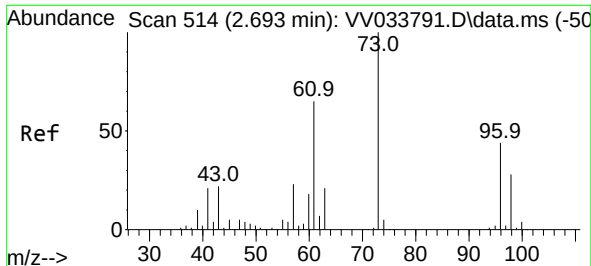
Tgt Ion: 43 Resp: 68591
Ion Ratio Lower Upper
43 100
74 21.9 0.0 0.0#



#16
Methylene chloride
Concen: 45.087 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion: 84 Resp: 72443
Ion Ratio Lower Upper
84 100
86 62.4 43.9 81.5
49 130.7 98.3 182.5

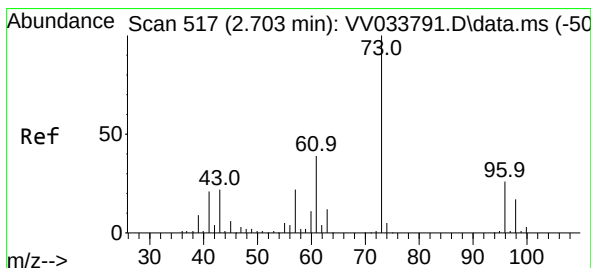
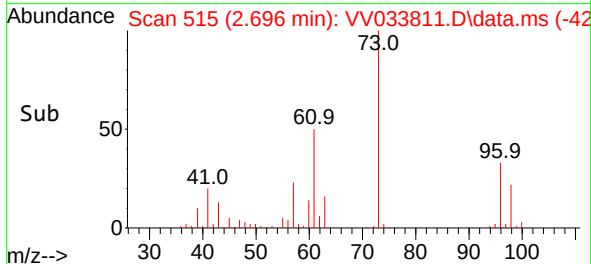
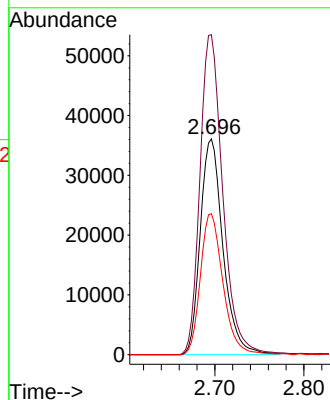
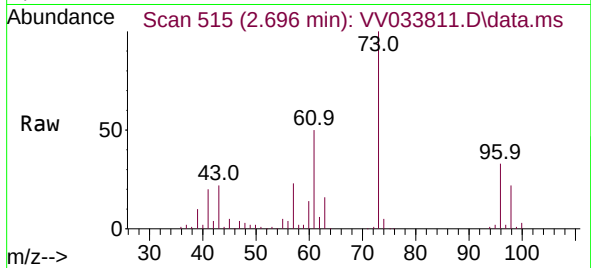




#17
trans-1,2-Dichloroethene
Concen: 43.489 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

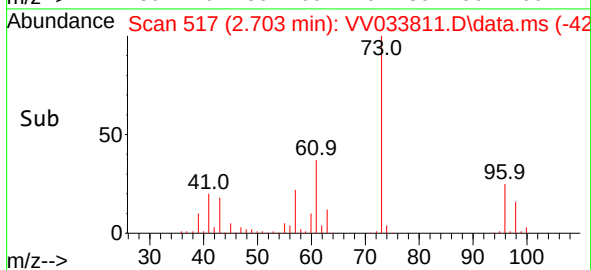
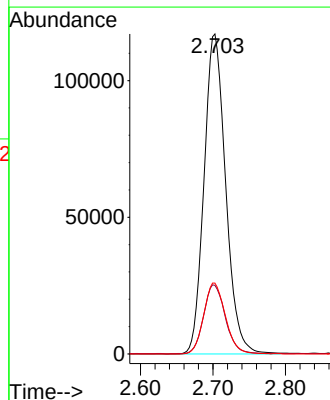
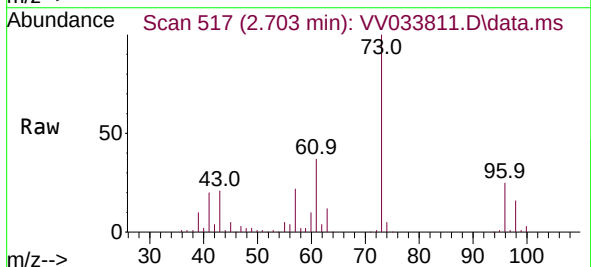
Instrument :
MSVOA_V
ClientSampleId :

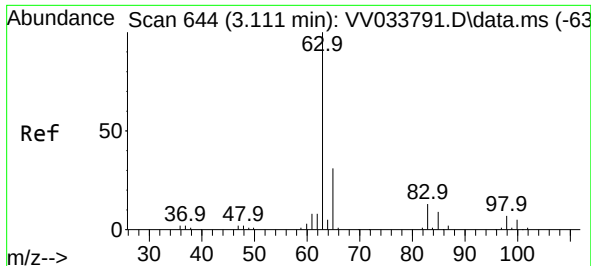
Tgt Ion: 96 Resp: 63983
Ion Ratio Lower Upper
96 100
61 148.2 108.4 201.4
98 65.3 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 45.874 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion: 73 Resp: 242736
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.2
57 22.2 18.6 27.8





#19

1,1-Dichloroethane

Concen: 43.877 ug/L

RT: 3.111 min Scan# 644

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Instrument :

MSVOA_V

ClientSampleId :

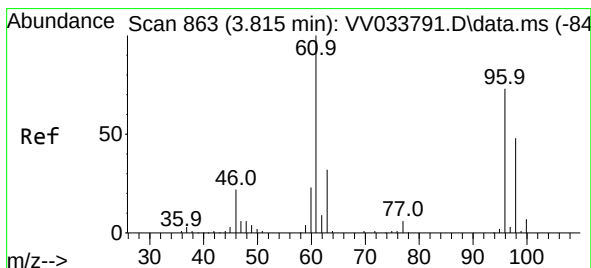
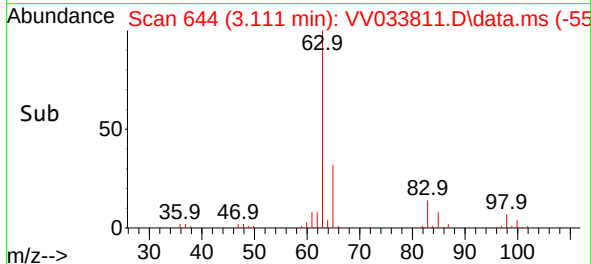
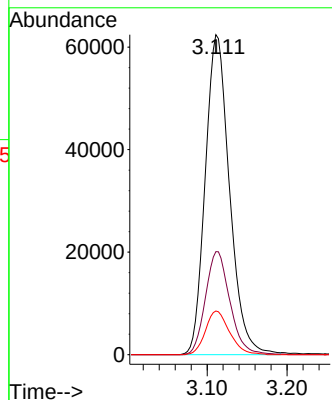
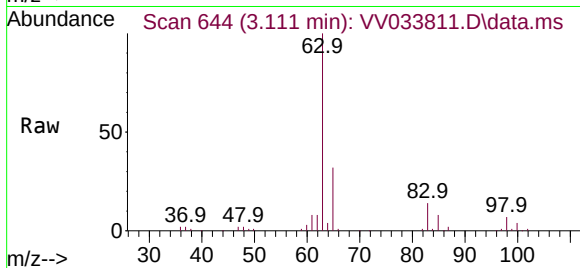
Tgt Ion: 63 Resp: 131974

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 13.7 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 46.524 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

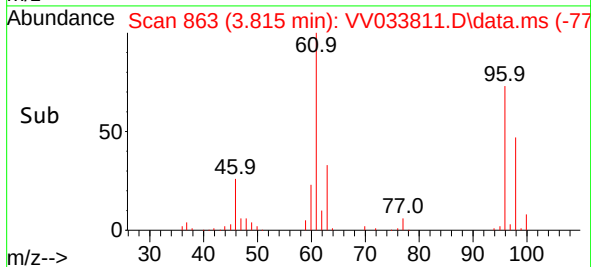
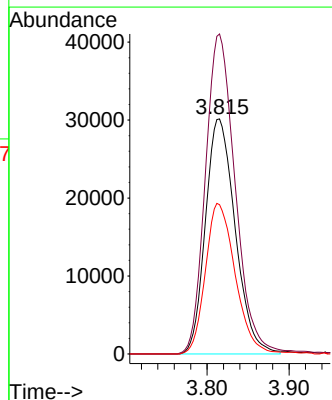
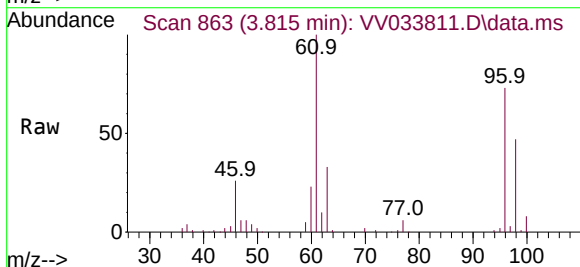
Tgt Ion: 96 Resp: 76179

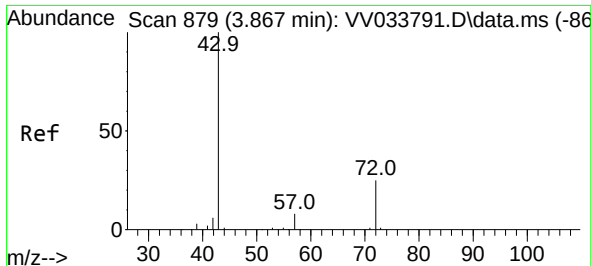
Ion Ratio Lower Upper

96 100

61 136.1 100.6 186.8

98 63.5 44.6 82.8

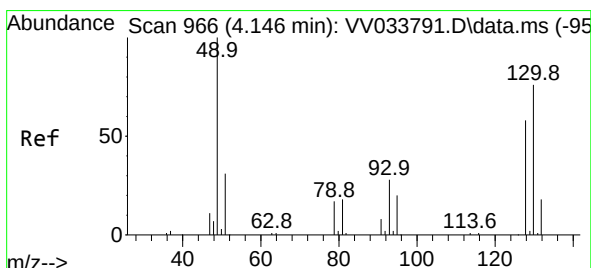
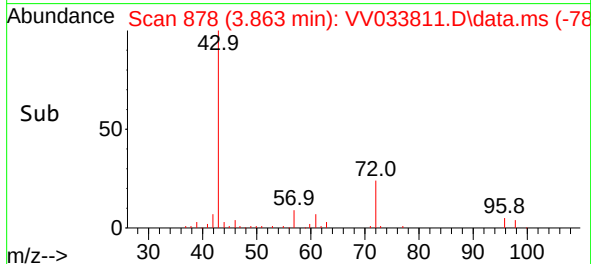
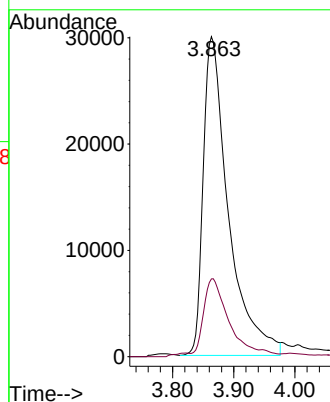
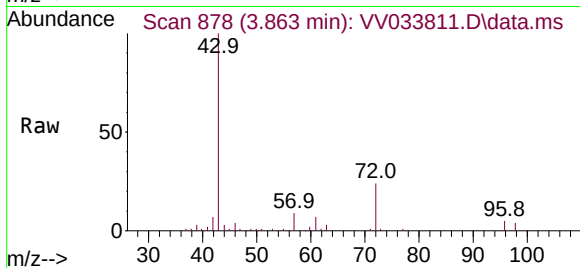




#22
2-Butanone
Concen: 63.968 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

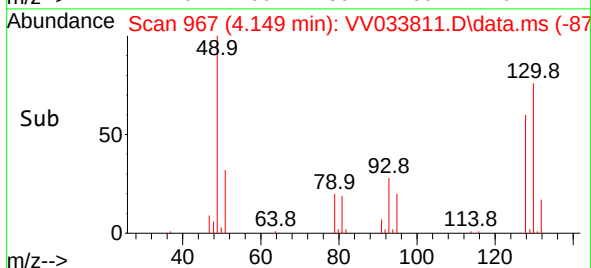
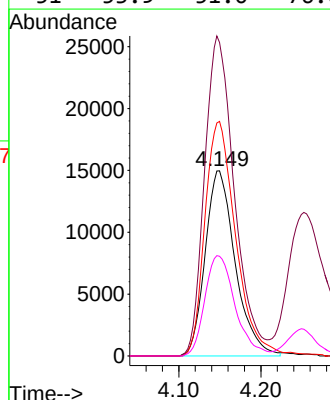
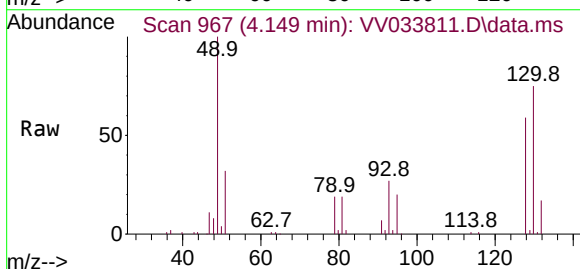
Instrument :
MSVOA_V
ClientSampleId :

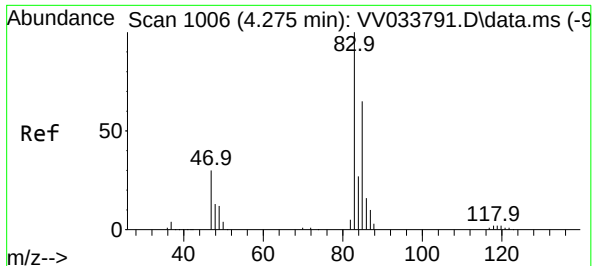
Tgt Ion: 43 Resp: 85935
Ion Ratio Lower Upper
43 100
72 21.7 11.9 35.5



#23
Bromochloromethane
Concen: 47.872 ug/L
RT: 4.149 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion:128 Resp: 38080
Ion Ratio Lower Upper
128 100
49 169.3 143.9 267.2
130 126.7 90.6 168.2
51 53.9 51.0 76.6

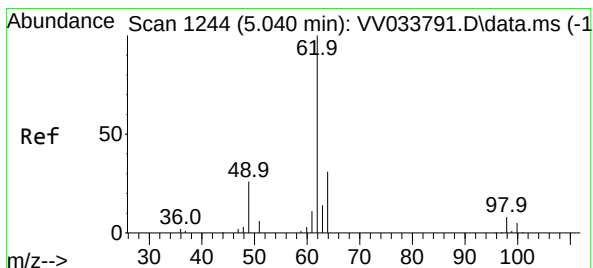
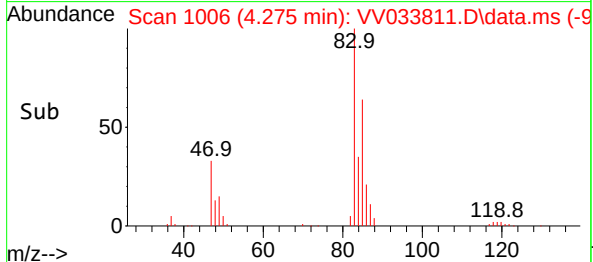
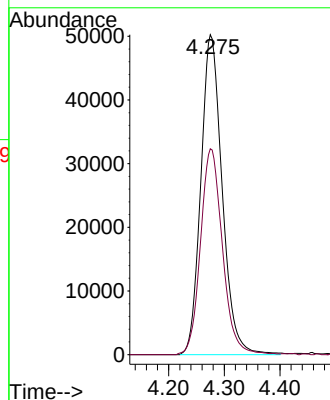
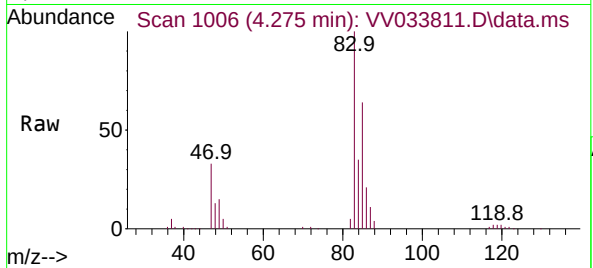




#25
Chloroform
Concen: 46.912 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

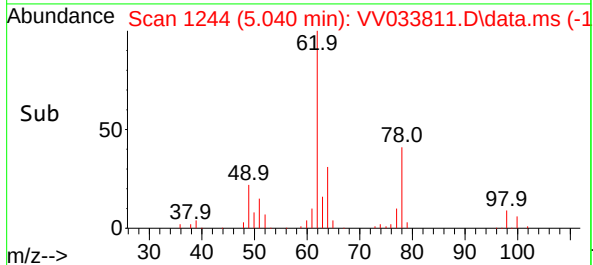
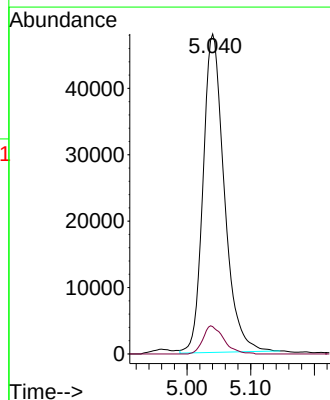
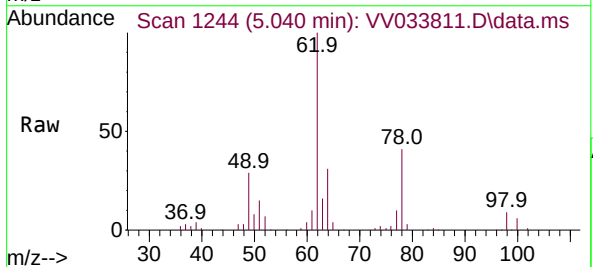
Instrument :
MSVOA_V
ClientSampleId :

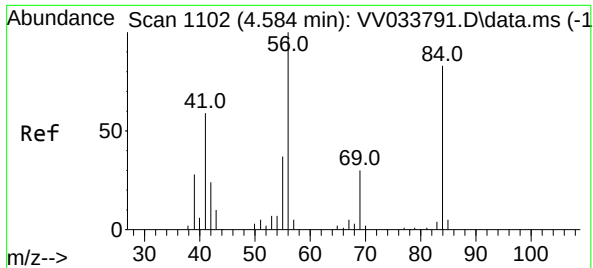
Tgt Ion: 83 Resp: 133784
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 46.664 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

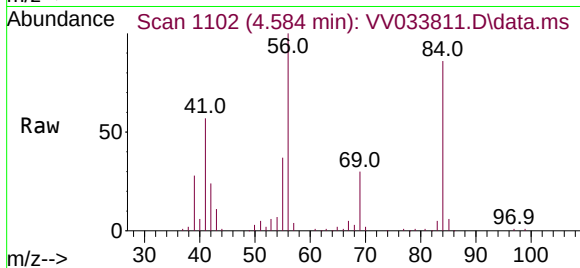
Tgt Ion: 62 Resp: 111151
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2



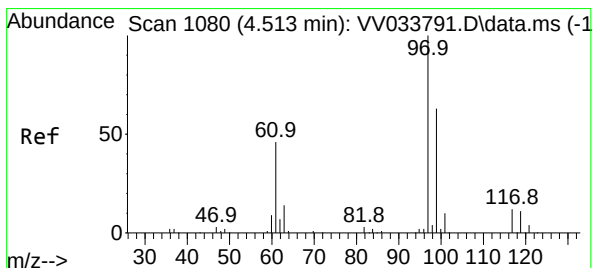
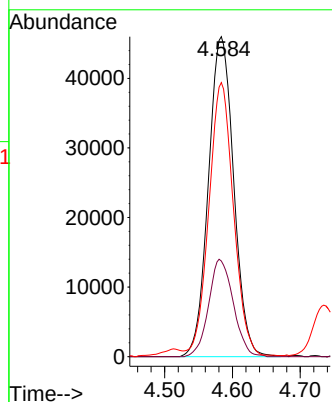
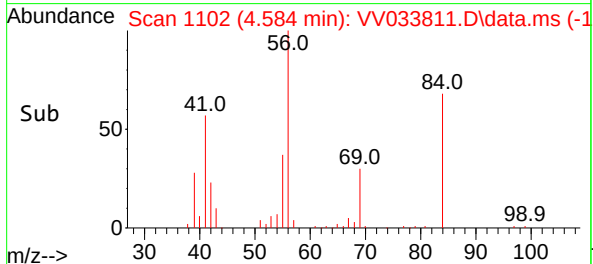


#29
Cyclohexane
Concen: 41.479 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Instrument :
MSVOA_V
ClientSampleId :

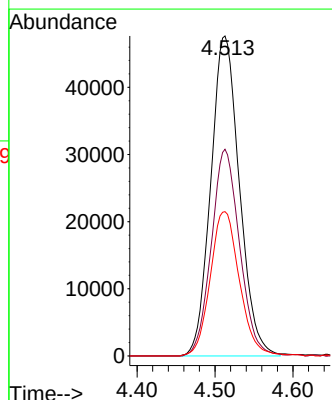
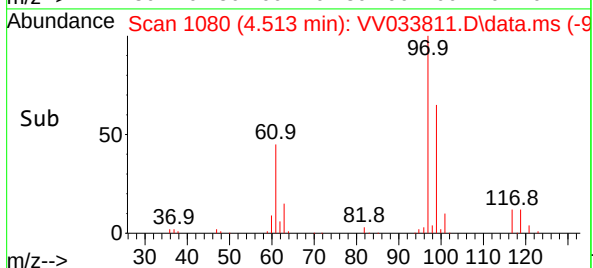
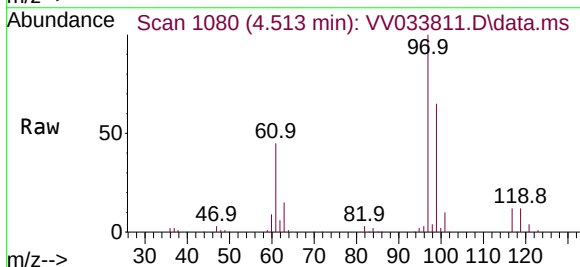


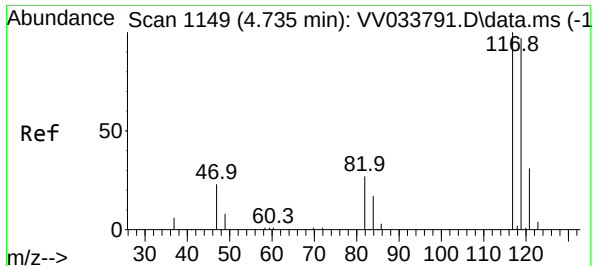
Tgt Ion:	56	Resp:	119092
Ion Ratio	Lower	Upper	
56	100		
69	29.7	23.8	35.6
84	82.7	63.8	95.6



#30
1,1,1-Trichloroethane
Concen: 49.816 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

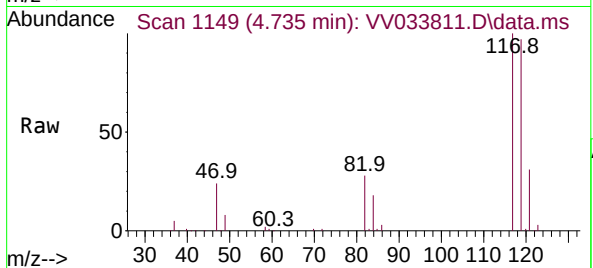
Tgt Ion:	97	Resp:	121753
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.4	77.0
61	46.0	38.2	57.2



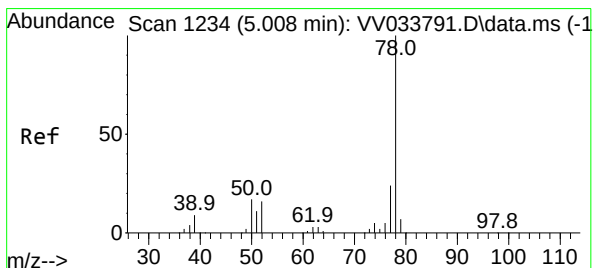
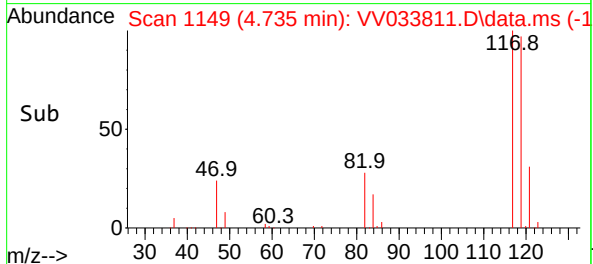
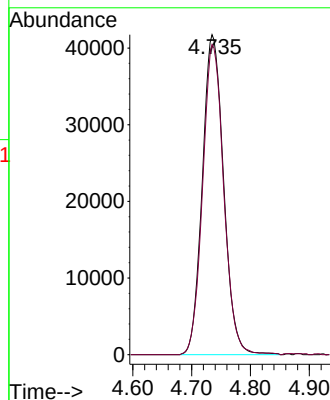


#31
Carbon tetrachloride
Concen: 50.151 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Instrument :
MSVOA_V
ClientSampleId :

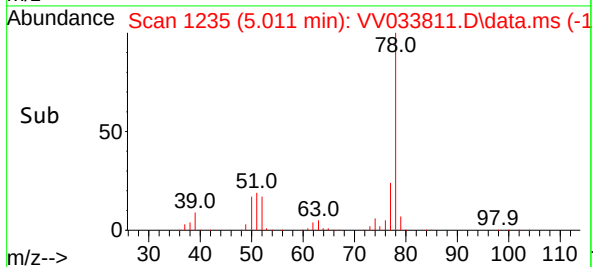
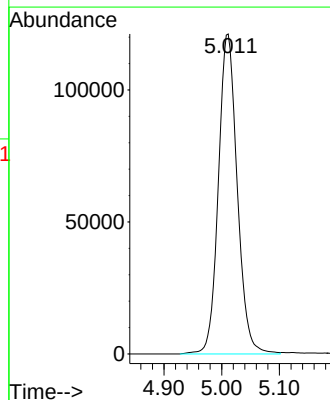
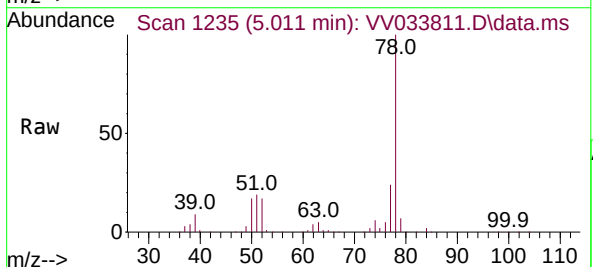


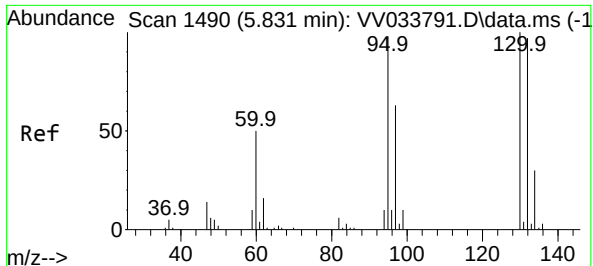
Tgt Ion:117 Resp: 104623
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4



#33
Benzene
Concen: 45.962 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

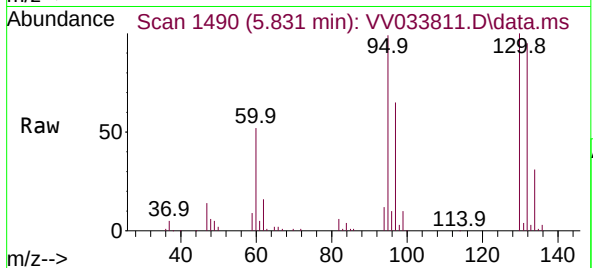
Tgt Ion: 78 Resp: 274935



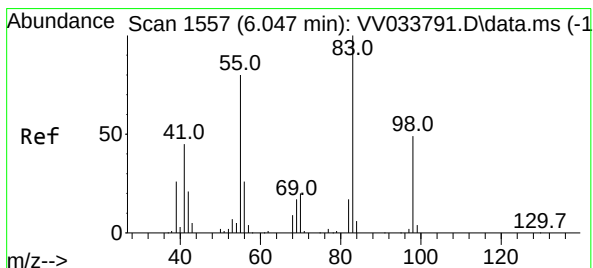
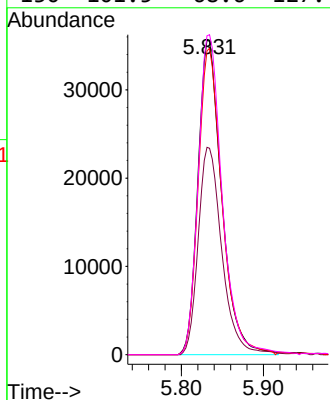
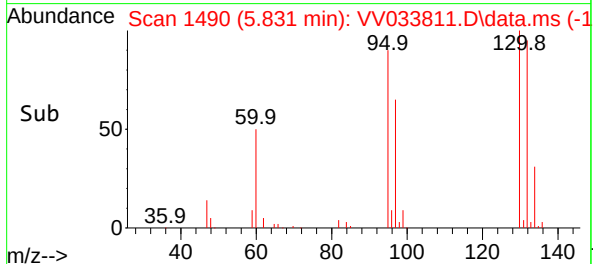


#34
Trichloroethene
Concen: 44.683 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

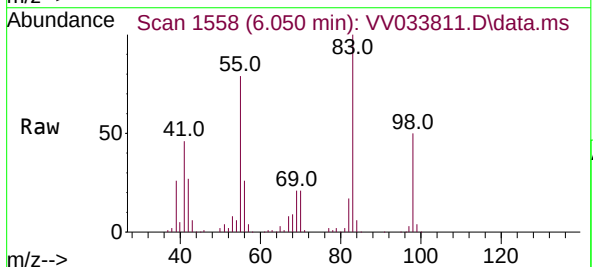
Instrument :
MSVOA_V
ClientSampleId :



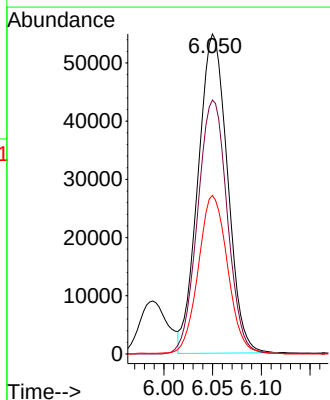
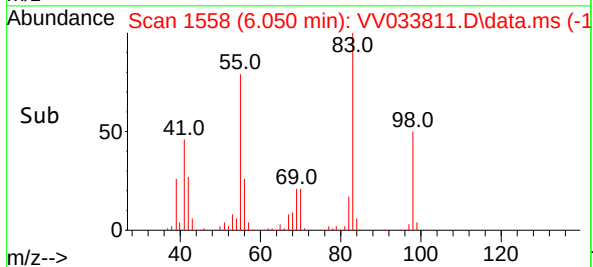
Tgt Ion: 95 Resp: 71698
Ion Ratio Lower Upper
95 100
97 66.0 44.4 82.4
132 96.7 65.5 121.7
130 101.5 68.6 127.4

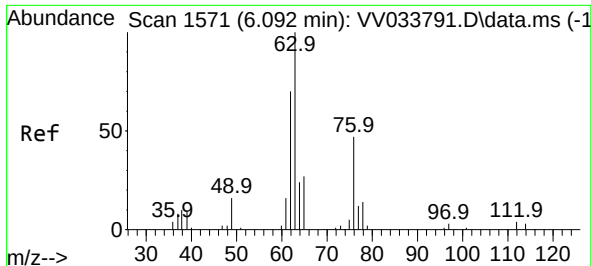


#35
Methylcyclohexane
Concen: 41.902 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35



Tgt Ion: 83 Resp: 115066
Ion Ratio Lower Upper
83 100
55 80.5 67.1 100.7
98 49.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 44.559 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Instrument :

MSVOA_V

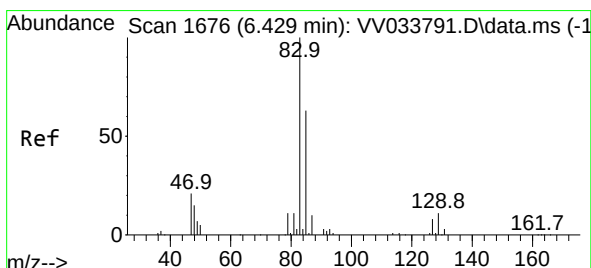
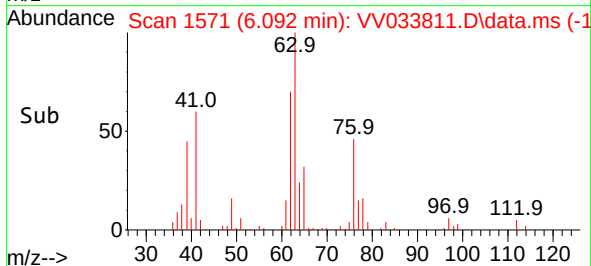
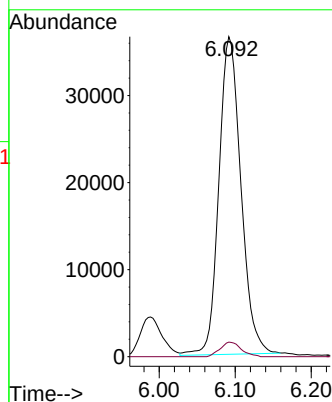
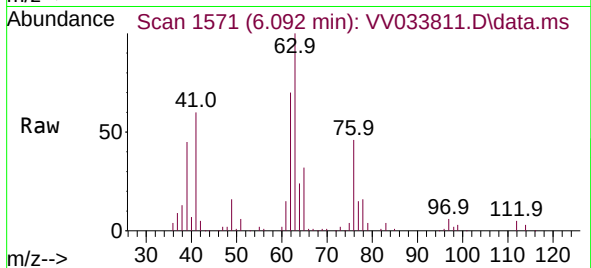
ClientSampleId :

Tgt Ion: 63 Resp: 73348

Ion Ratio Lower Upper

63 100

112 4.4 3.1 4.7



#38

Bromodichloromethane

Concen: 46.749 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

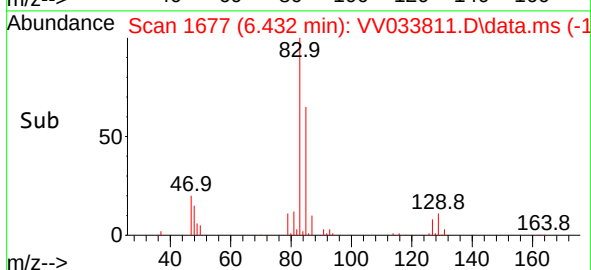
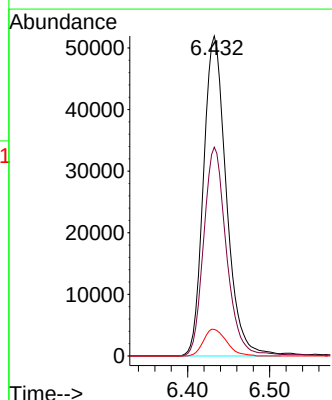
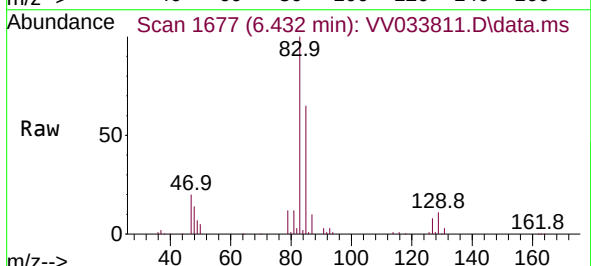
Tgt Ion: 83 Resp: 100668

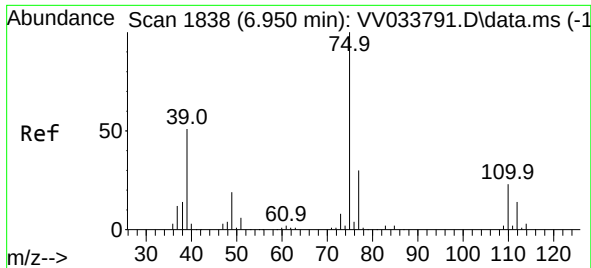
Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 44.651 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Instrument :

MSVOA_V

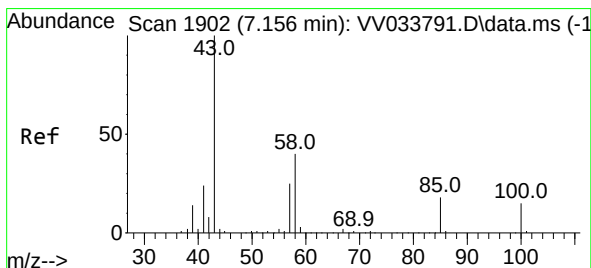
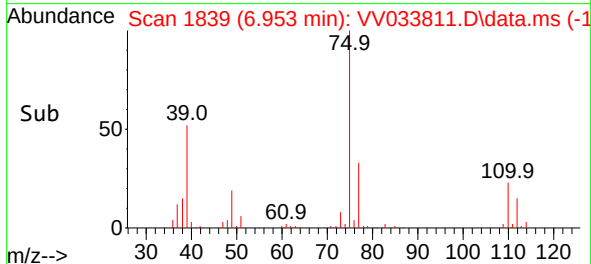
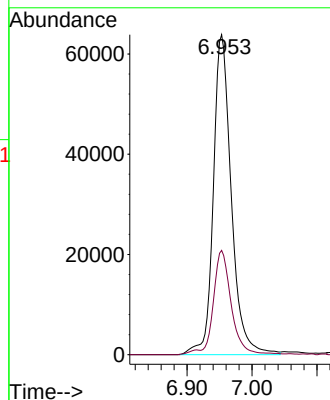
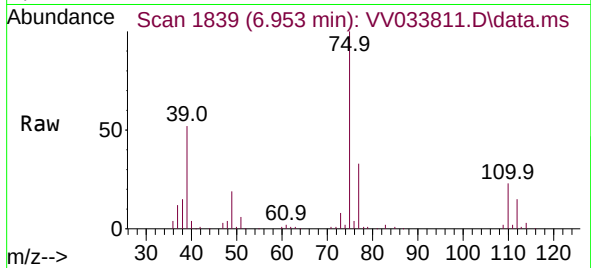
ClientSampleId :

Tgt Ion: 75 Resp: 122736

Ion Ratio Lower Upper

75 100

77 32.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 80.953 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

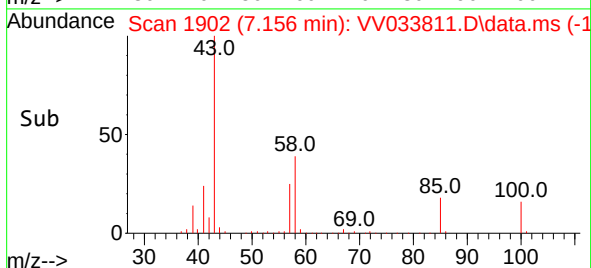
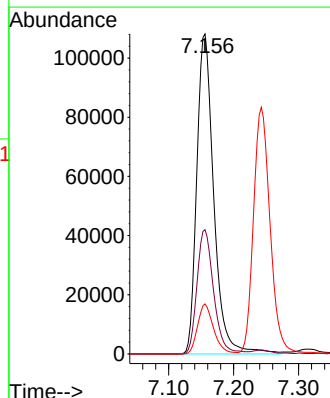
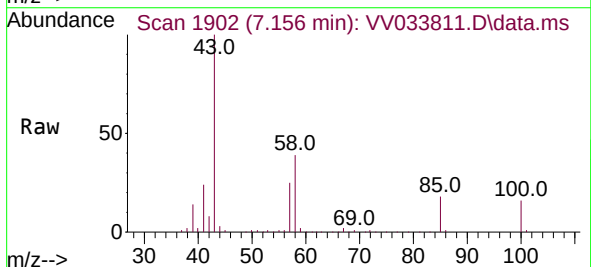
Tgt Ion: 43 Resp: 197449

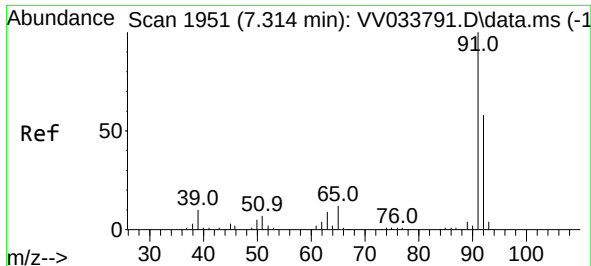
Ion Ratio Lower Upper

43 100

58 38.0 29.6 44.4

100 14.7 10.6 16.0





#42

Toluene

Concen: 46.060 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Instrument :

MSVOA_V

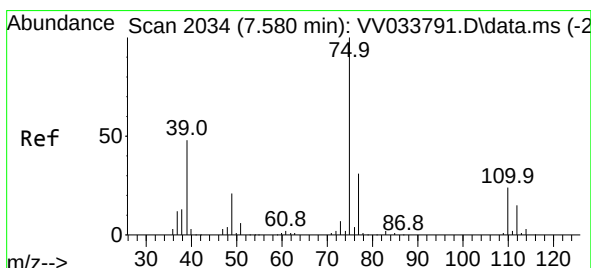
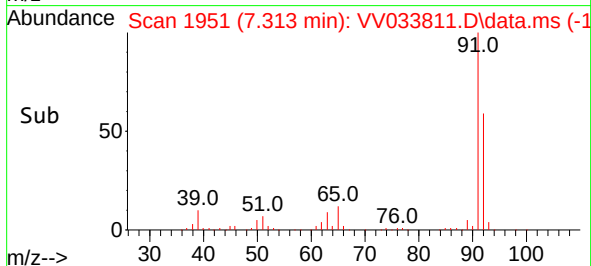
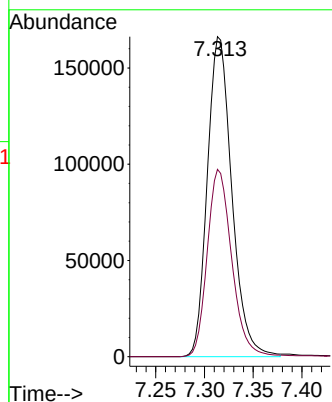
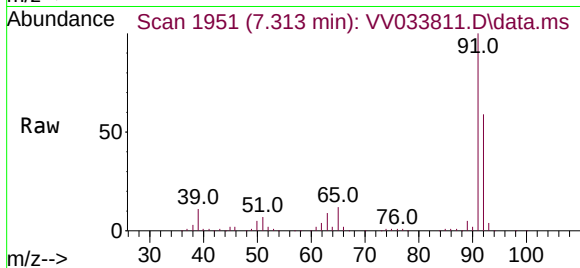
ClientSampleId :

Tgt Ion: 91 Resp: 291250

Ion Ratio Lower Upper

91 100

92 58.5 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 45.126 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033811.D

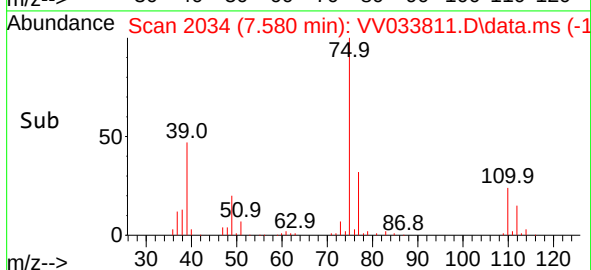
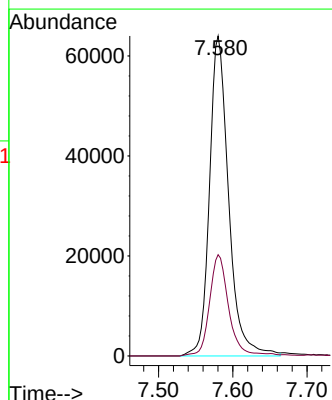
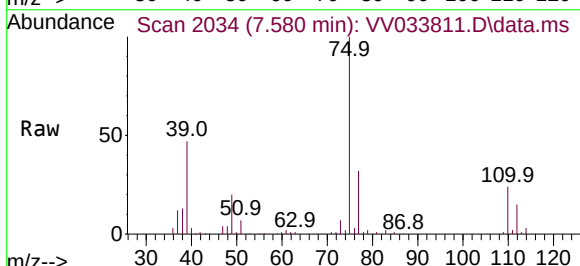
Acq: 22 Jan 2024 18:35

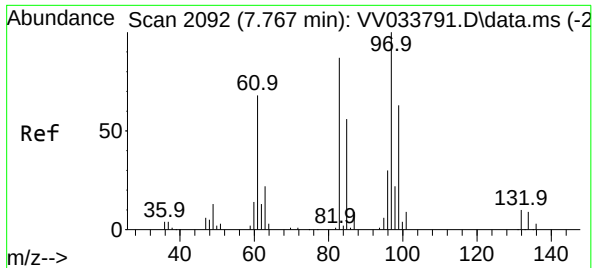
Tgt Ion: 75 Resp: 114306

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.0

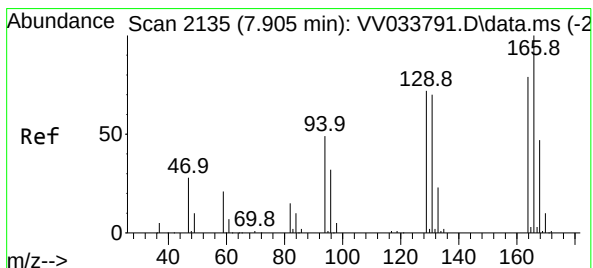
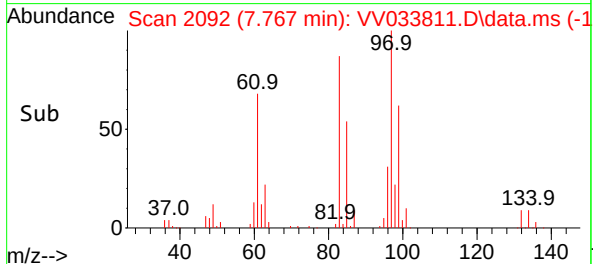
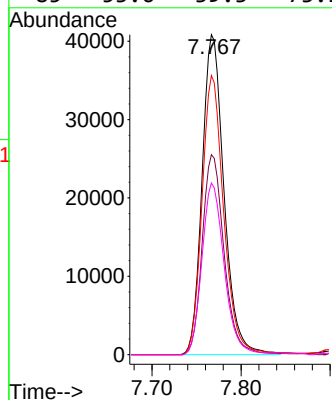
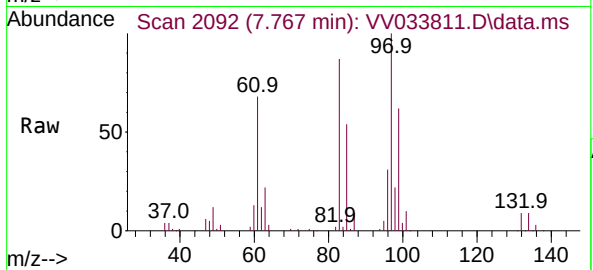




#45
1,1,2-Trichloroethane
Concen: 46.692 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

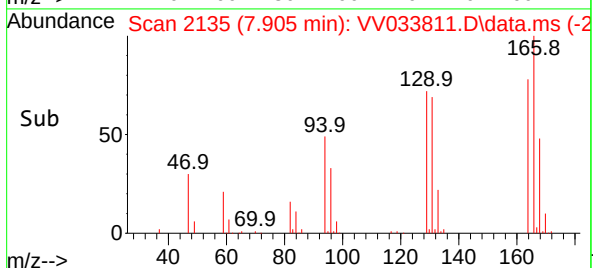
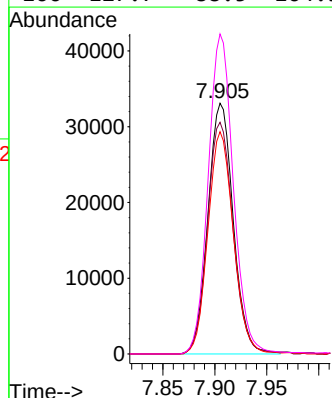
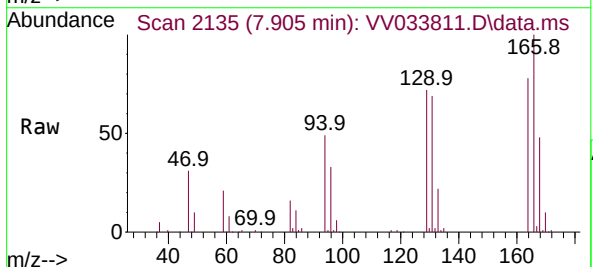
Instrument :
MSVOA_V
ClientSampleId :

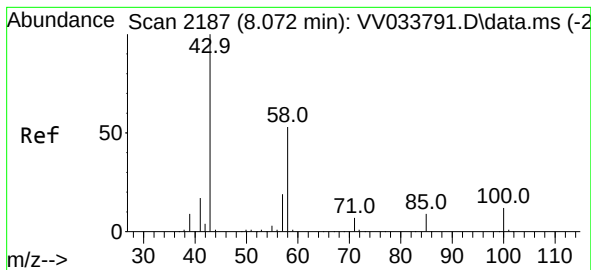
Tgt Ion: 97	Resp: 69736
Ion Ratio	Lower Upper
97 100	
99 62.5	42.8 79.6
83 87.2	61.2 113.8
85 53.6	39.3 73.1



#46
Tetrachloroethene
Concen: 47.741 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt	Ion:164	Resp:	56188
Ion	Ratio	Lower	Upper
164	100		
129	92.4	66.1	122.7
131	88.7	65.9	122.5
166	127.7	88.5	164.3





#48

2-Hexanone

Concen: 72.033 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 139993

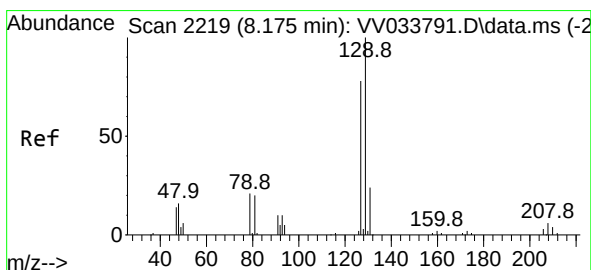
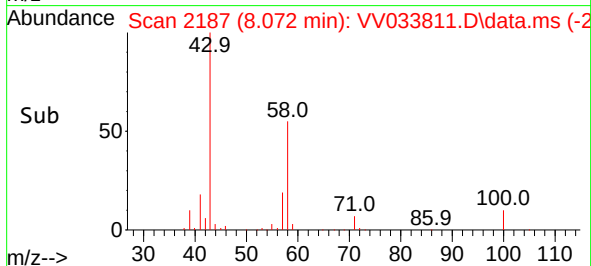
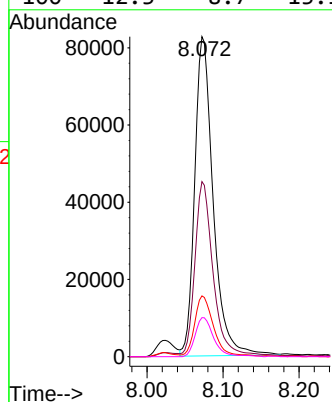
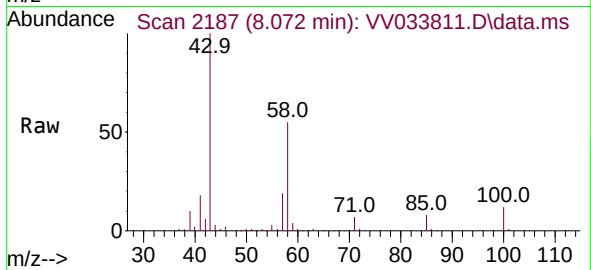
Ion Ratio Lower Upper

43 100

58 53.6 42.3 63.5

57 19.6 14.2 21.2

100 12.3 8.7 13.1



#49

Dibromochloromethane

Concen: 46.827 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV033811.D

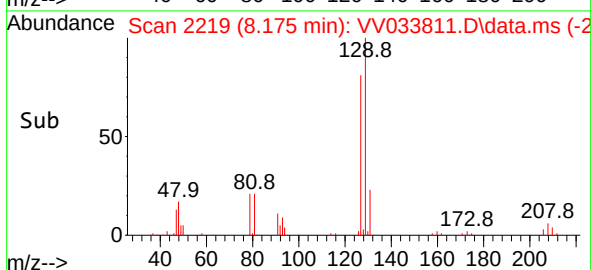
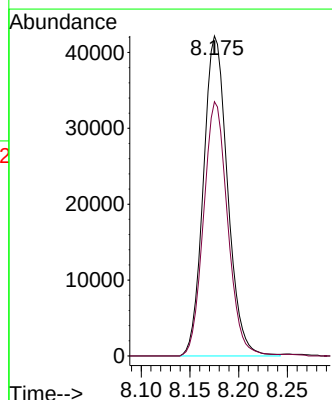
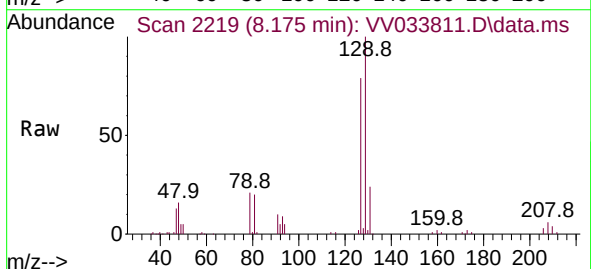
Acq: 22 Jan 2024 18:35

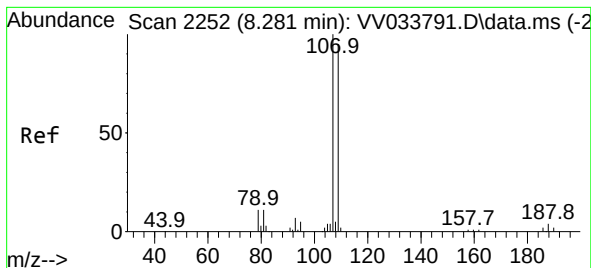
Tgt Ion:129 Resp: 72840

Ion Ratio Lower Upper

129 100

127 79.5 54.5 101.3





#50

1,2-Dibromoethane

Concen: 46.032 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min MSVOA_V

Lab File: VV033811.D

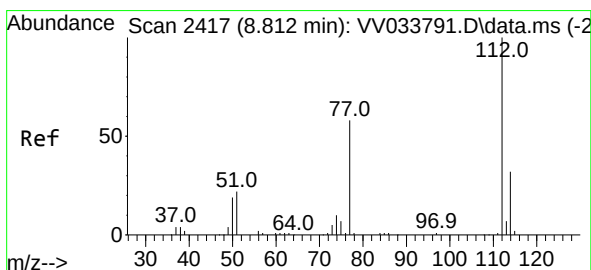
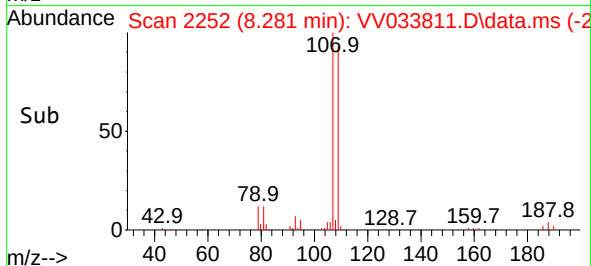
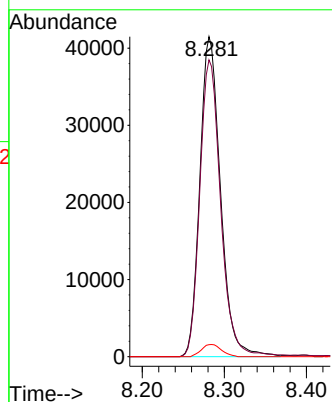
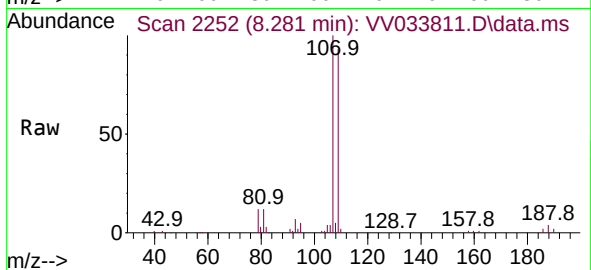
Acq: 22 Jan 2024 18:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	72654
Ion Ratio	Lower	Upper
107	100	
109	92.8	66.4 123.4
188	3.7	2.7 4.1



#51

Chlorobenzene

Concen: 46.801 ug/L

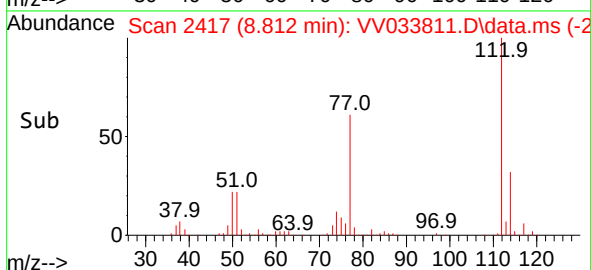
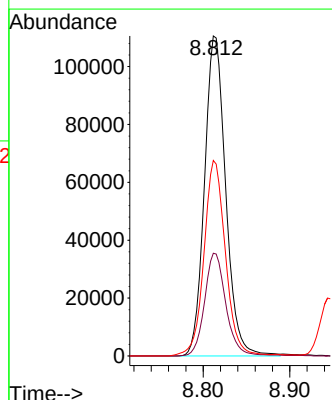
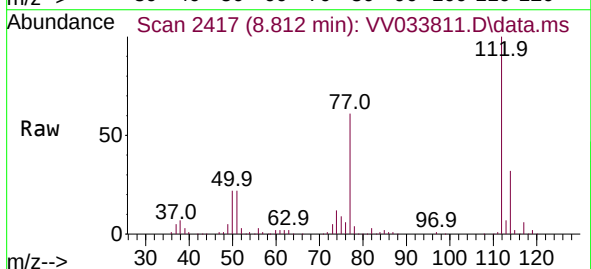
RT: 8.812 min Scan# 2417

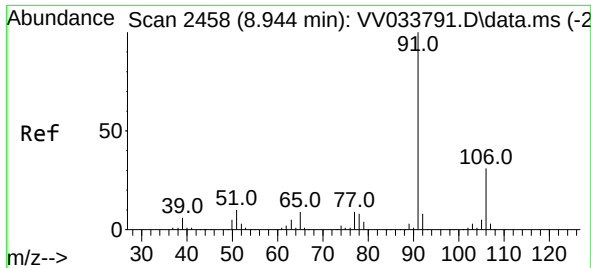
Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Tgt Ion:112	Resp:	188507
Ion Ratio	Lower	Upper
112	100	
114	32.1	22.5 41.7
77	61.1	49.4 74.0

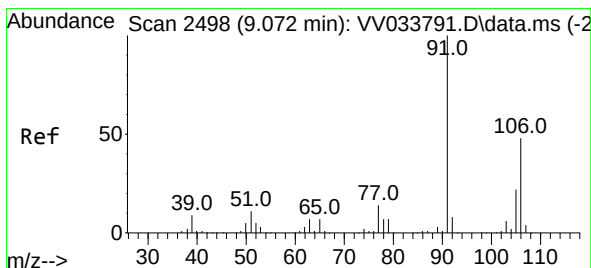
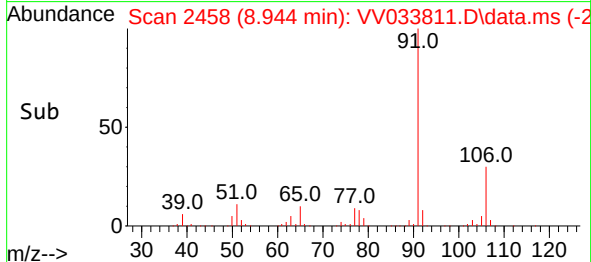
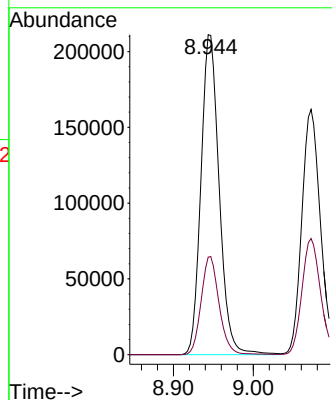
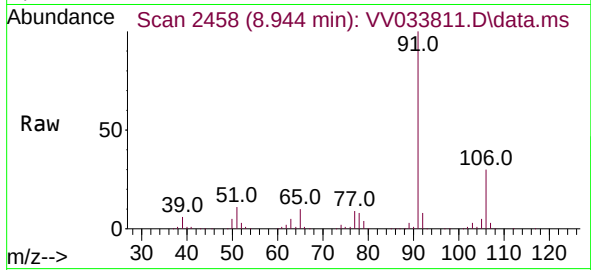




#52
Ethylbenzene
Concen: 45.791 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

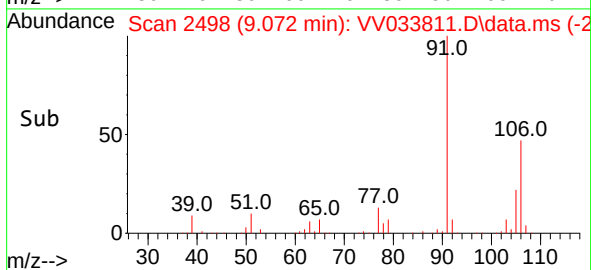
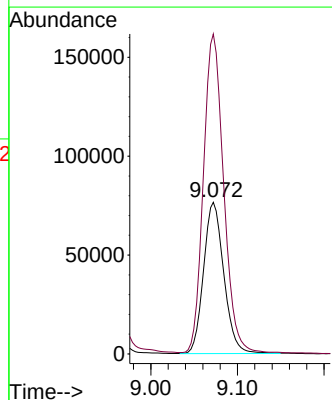
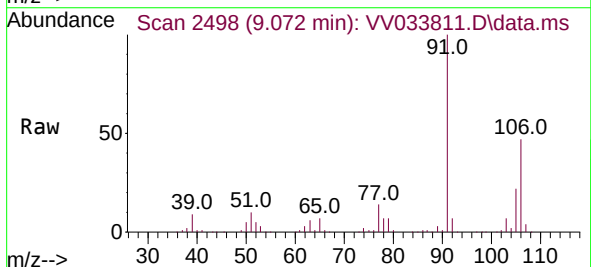
Instrument :
MSVOA_V
ClientSampleId :

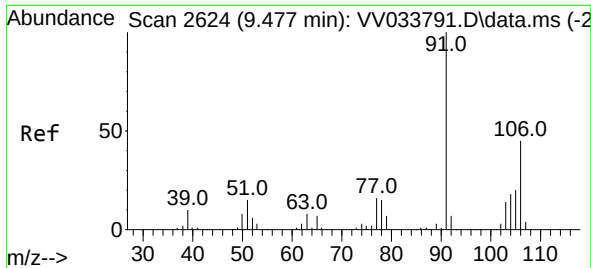
Tgt Ion: 91 Resp: 335372
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 45.870 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion: 106 Resp: 124025
Ion Ratio Lower Upper
106 100
91 211.0 146.1 271.3

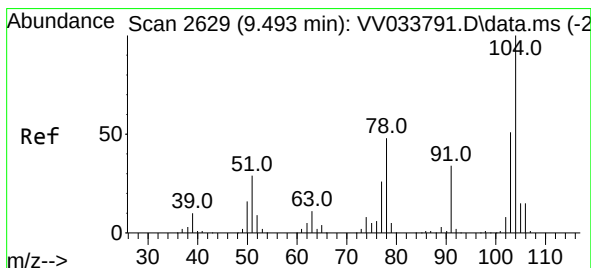
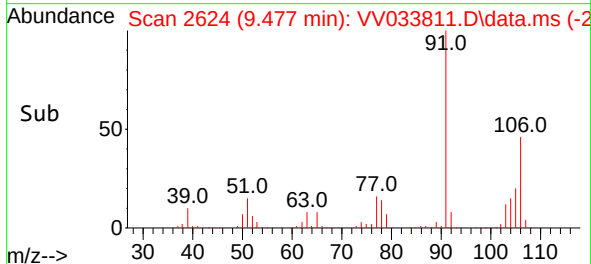
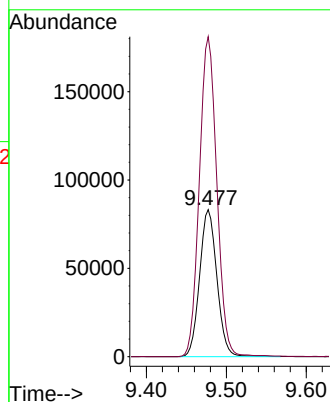
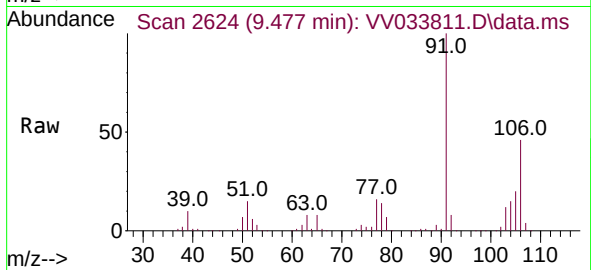




#54
o-Xylene
Concen: 46.850 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

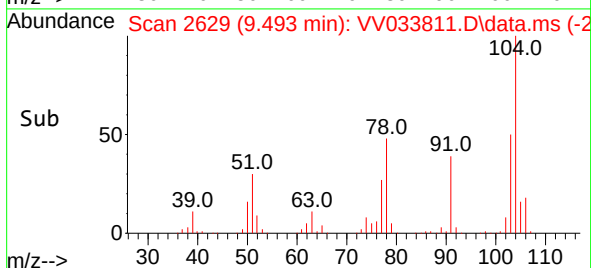
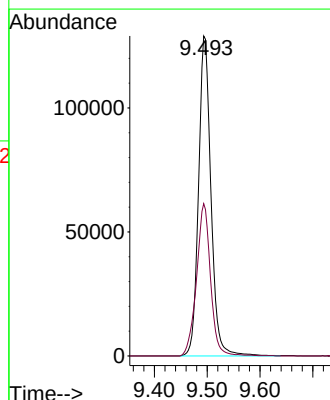
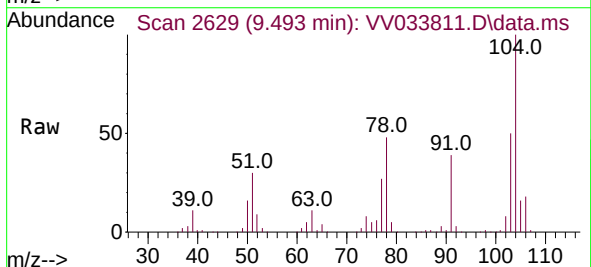
Instrument :
MSVOA_V
ClientSampleId :

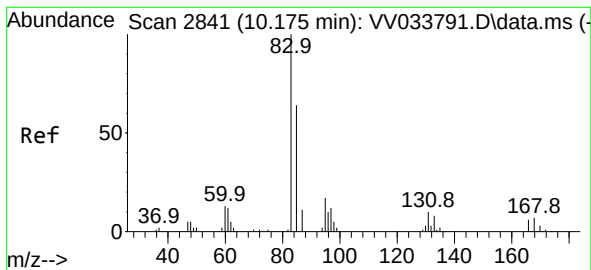
Tgt Ion:106 Resp: 125409
Ion Ratio Lower Upper
106 100
91 217.5 155.2 288.2



#55
Styrene
Concen: 45.661 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion:104 Resp: 211022
Ion Ratio Lower Upper
104 100
78 47.6 33.0 61.4

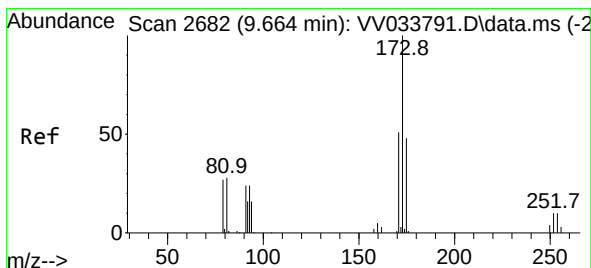
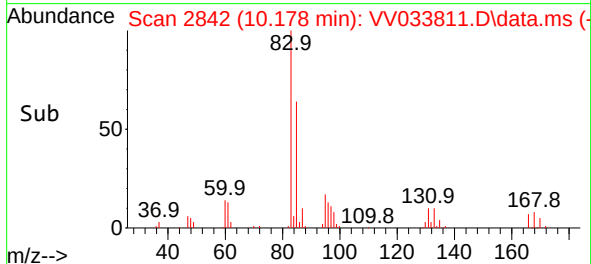
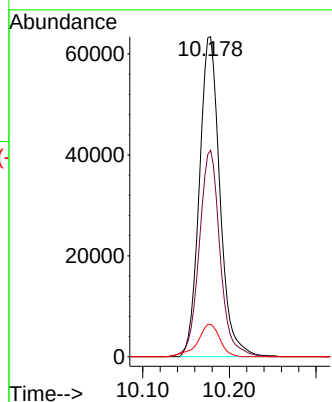
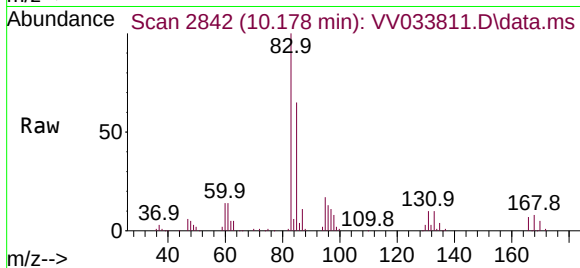




#57
1,1,2,2-Tetrachloroethane
Concen: 43.955 ug/L
RT: 10.178 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

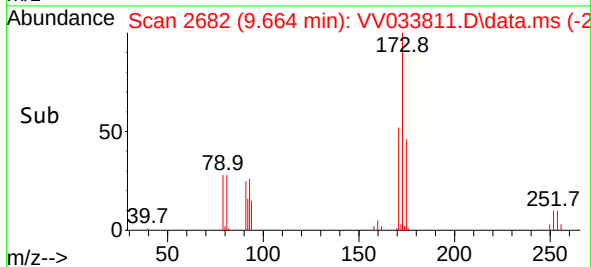
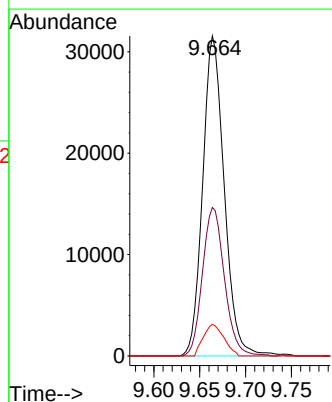
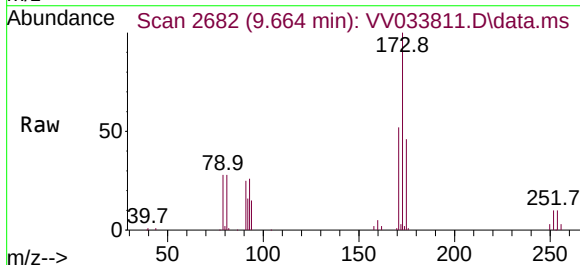
Instrument :
MSVOA_V
ClientSampleId :

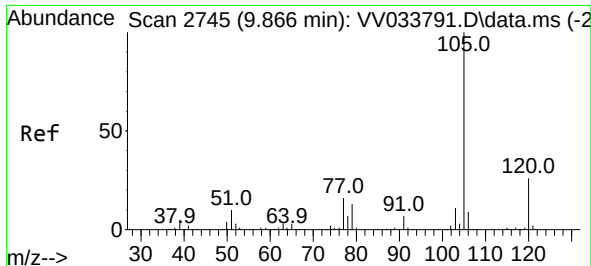
Tgt Ion: 83 Resp: 104477
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.5
131 10.1 7.5 11.3



#59
Bromoform
Concen: 45.492 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion: 173 Resp: 51643
Ion Ratio Lower Upper
173 100
175 47.3 37.2 55.8
254 9.4 7.4 11.0

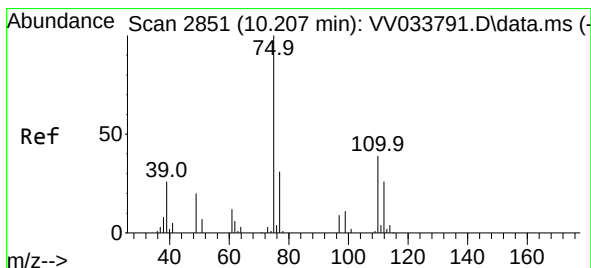
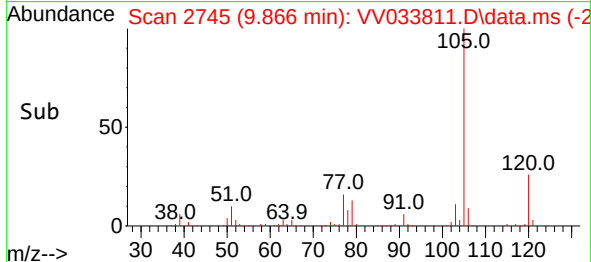
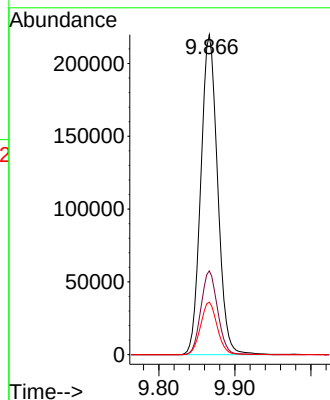
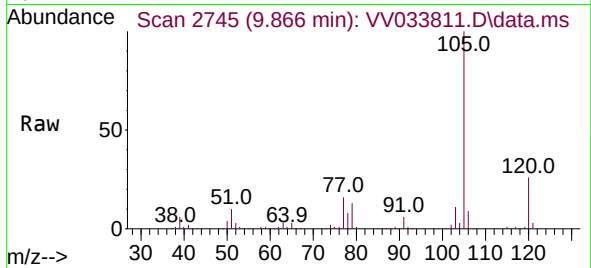




#60
Isopropylbenzene
Concen: 46.518 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

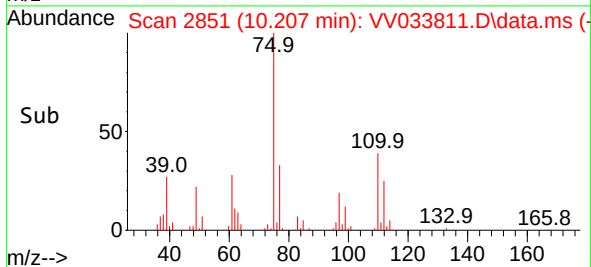
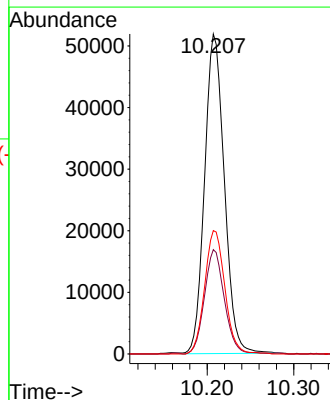
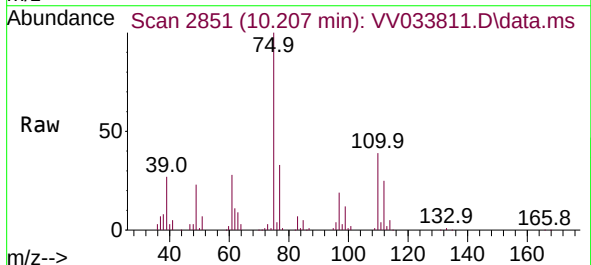
Instrument :
MSVOA_V
ClientSampleId :

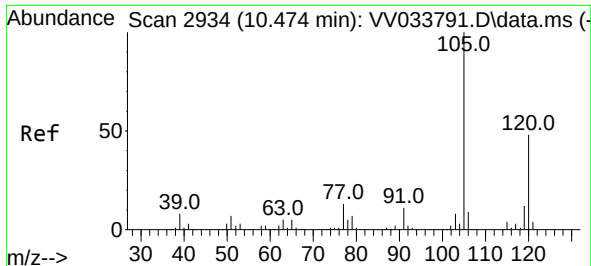
Tgt Ion:105 Resp: 336169
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 16.3 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 43.281 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion: 75 Resp: 82044
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
110 39.4 29.5 44.3

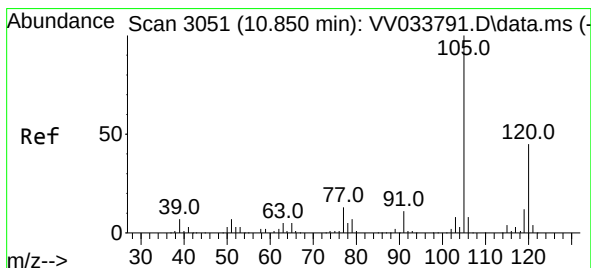
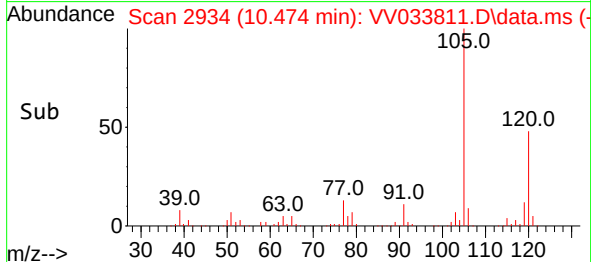
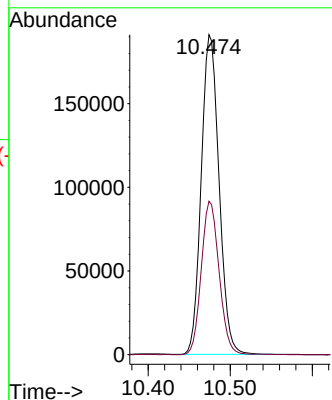
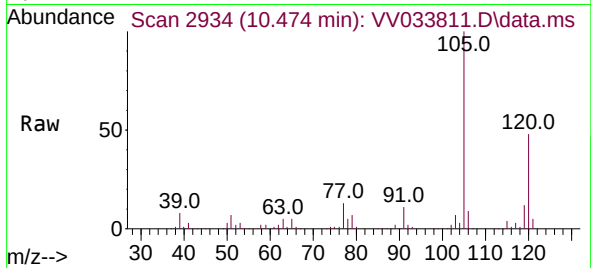




#62
1,3,5-Trimethylbenzene
Concen: 46.419 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

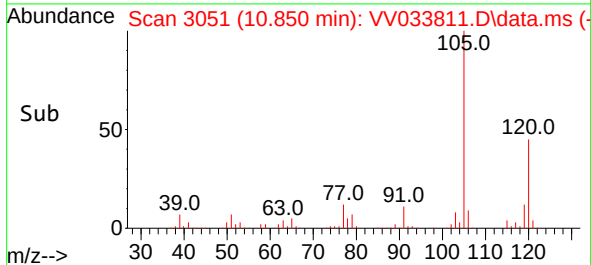
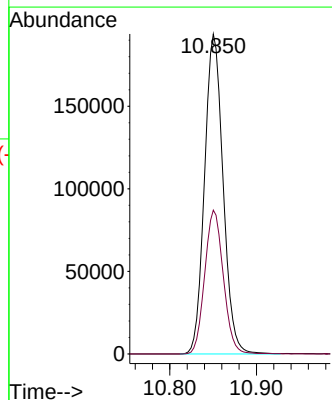
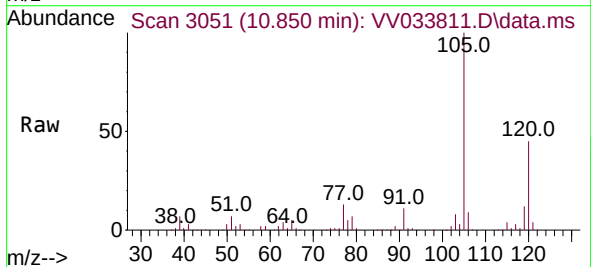
Instrument :
MSVOA_V
ClientSampleId :

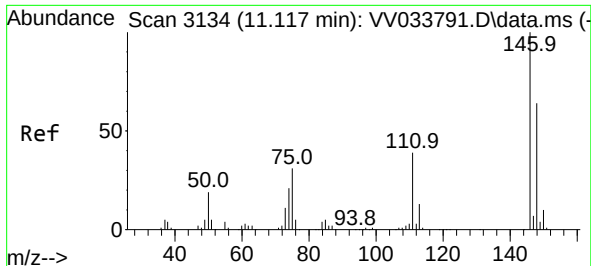
Tgt Ion:105 Resp: 287818
Ion Ratio Lower Upper
105 100
120 48.0 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 46.697 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion:105 Resp: 288500
Ion Ratio Lower Upper
105 100
120 45.0 35.4 53.0

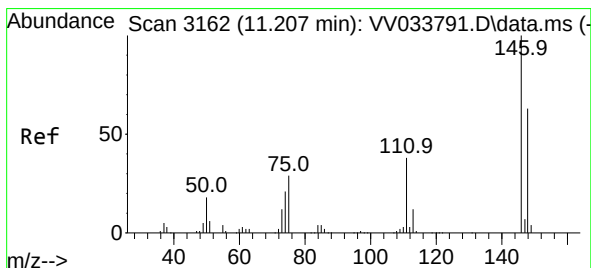
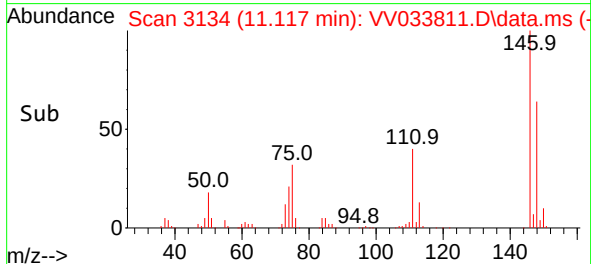
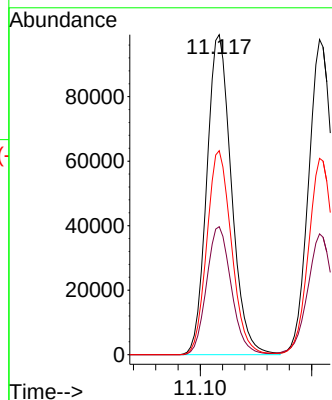
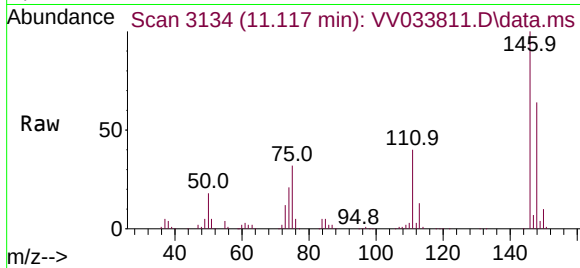




#64
1,3-Dichlorobenzene
Concen: 46.672 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

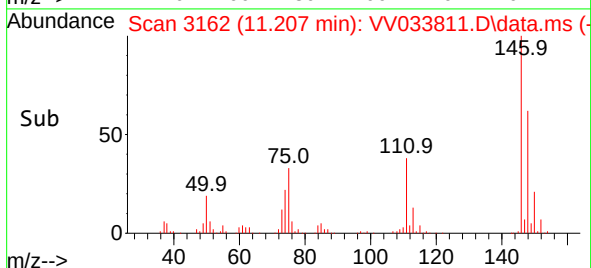
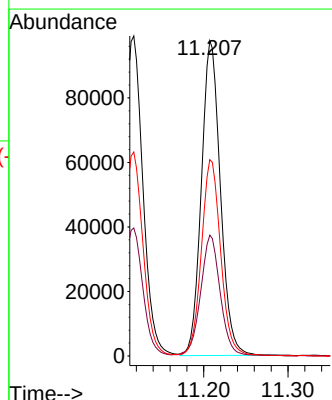
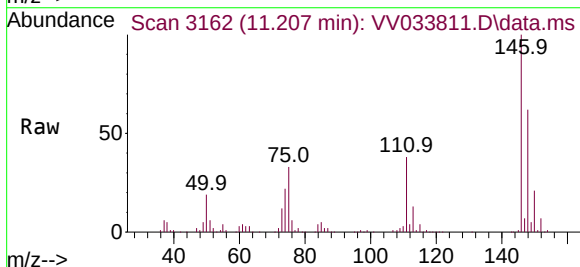
Instrument :
MSVOA_V
ClientSampleId :

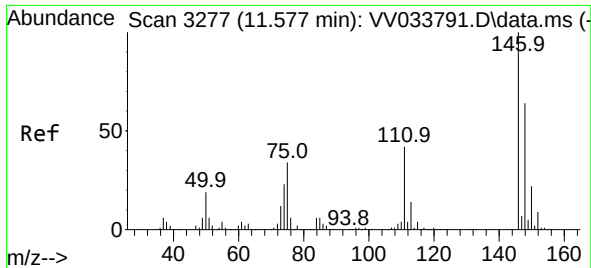
Tgt Ion:146 Resp: 152349
Ion Ratio Lower Upper
146 100
111 40.0 29.0 53.8
148 63.8 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 46.874 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033811.D
Acq: 22 Jan 2024 18:35

Tgt Ion:146 Resp: 153421
Ion Ratio Lower Upper
146 100
111 38.3 27.7 51.5
148 62.3 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 48.152 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Instrument :

MSVOA_V

ClientSampleId :

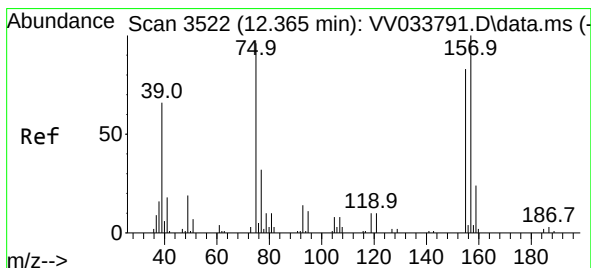
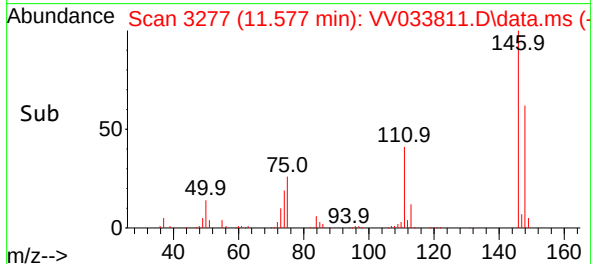
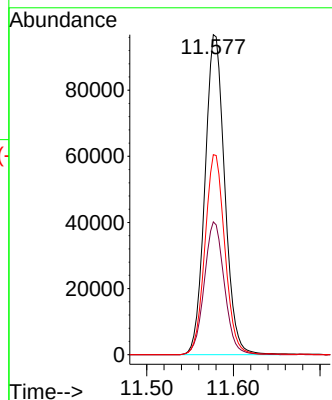
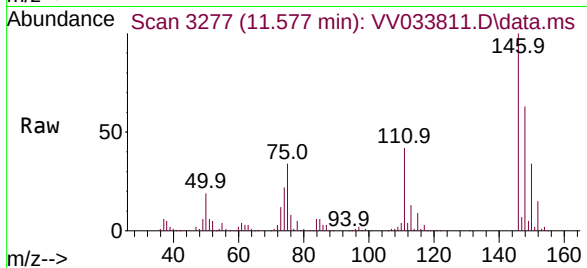
Tgt Ion:146 Resp: 153583

Ion Ratio Lower Upper

146 100

111 41.5 35.4 53.0

148 62.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 41.502 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

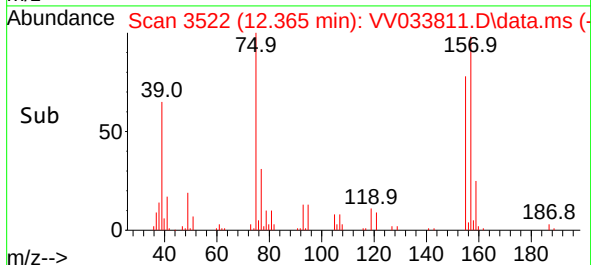
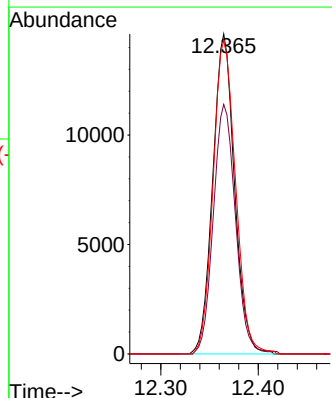
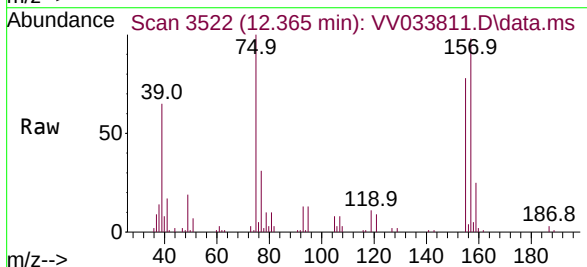
Tgt Ion: 75 Resp: 22702

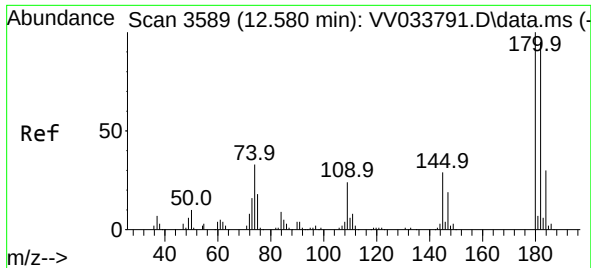
Ion Ratio Lower Upper

75 100

155 78.0 61.6 92.4

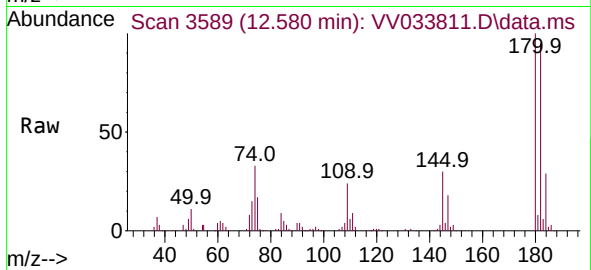
157 98.0 79.2 118.8



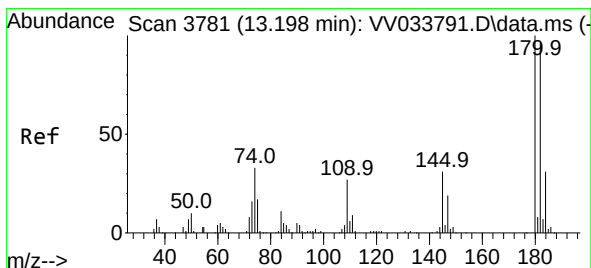
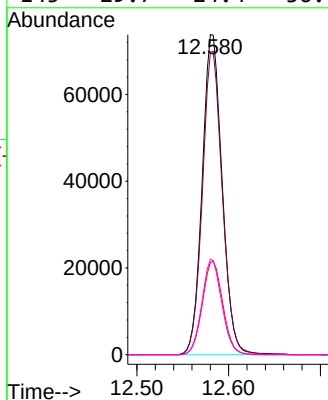
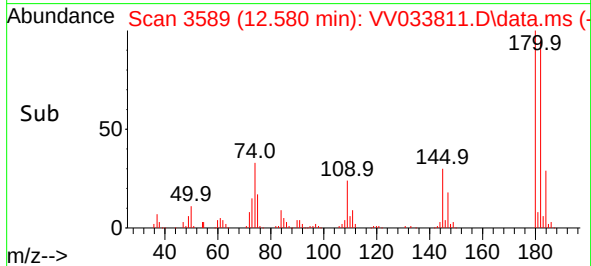


#69
 1,3,5-Trichlorobenzene
 Concen: 46.192 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: VV033811.D
 Acq: 22 Jan 2024 18:35

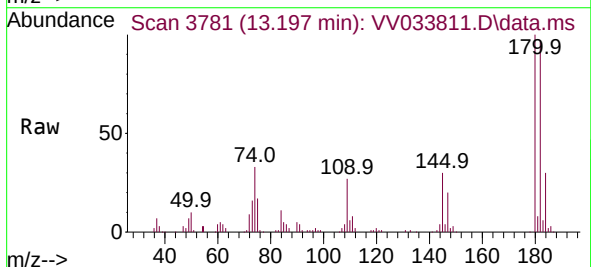
Instrument :
 MSVOA_V
 ClientSampleId :



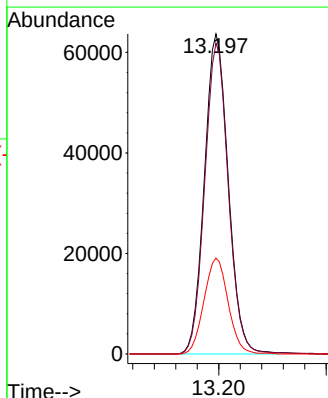
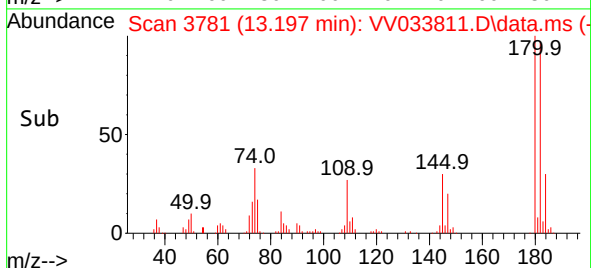
Tgt Ion:180 Resp: 111423
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.2 114.2
 184 29.7 23.9 35.9
 145 29.7 24.4 36.6

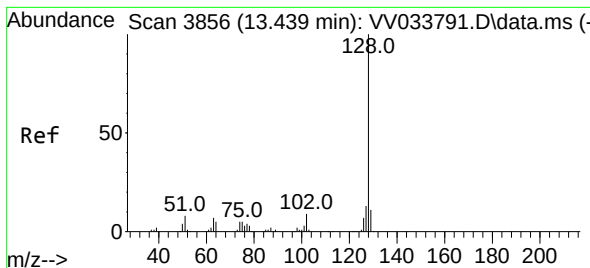


#70
 1,2,4-trichlorobenzene
 Concen: 44.912 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. -0.000 min
 Lab File: VV033811.D
 Acq: 22 Jan 2024 18:35



Tgt Ion:180 Resp: 98328
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.3 114.5
 145 30.1 25.4 38.0





#71

Naphthalene

Concen: 38.482 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Instrument :

MSVOA_V

ClientSampleId :

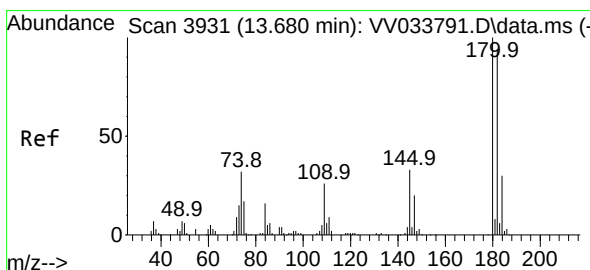
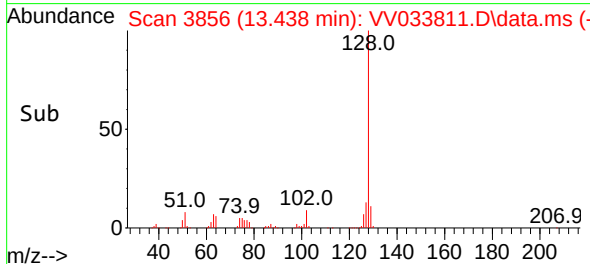
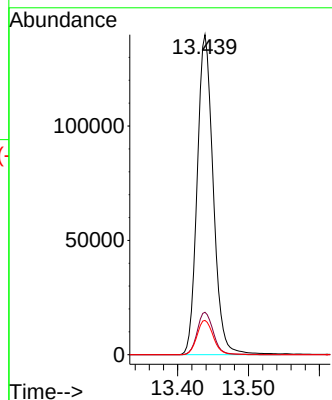
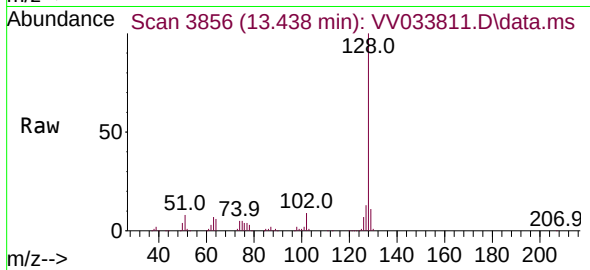
Tgt Ion:128 Resp: 220156

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 46.294 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033811.D

Acq: 22 Jan 2024 18:35

Tgt Ion:180 Resp: 94602

Ion Ratio Lower Upper

180 100

182 94.6 76.0 114.0

145 32.4 26.3 39.5

