

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013124\
 Data File : VW033911.D
 Acq On : 31 Jan 2024 09:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 01 04:41:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 29 01:58:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	239426	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	223058	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	119899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	78224	42.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.020%
7) Chloroethane-d5	1.532	69	62702	43.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.060%
11) 1,1-Dichloroethene-d2	2.059	65	35731	45.119	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.240%
21) 2-Butanone-d5	3.780	46	84709	67.115	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.120%
24) Chloroform-d	4.246	84	141392	42.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.940%
26) 1,2-Dichloroethane-d4	4.937	65	91432	43.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
32) Benzene-d6	4.956	84	260905	41.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.280%
36) 1,2-Dichloropropane-d6	5.985	67	78529	37.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.240%
41) Toluene-d8	7.239	98	237567	41.579	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.160%
43) trans-1,3-Dichloroprop...	7.551	79	42257	40.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
47) 2-Hexanone-d5	8.021	63	59018	68.163	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.160%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	96553	36.233	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.460%
66) 1,2-Dichlorobenzene-d4	11.557	152	95477	41.971	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	88704	44.534	ug/L	100
3) Chloromethane	1.217	50	92569	40.870	ug/L	98
5) Vinyl chloride	1.285	62	97327	44.917	ug/L	100
6) Bromomethane	1.484	94	47141	41.628	ug/L	98
8) Chloroethane	1.548	64	62220	48.156	ug/L	98
9) Trichlorofluoromethane	1.715	101	154676	59.821	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	85345	56.024	ug/L	95
12) 1,1-Dichloroethene	2.069	96	77740	54.102	ug/L	97
13) Acetone	2.108	43	125772	104.223	ug/L	99
14) Carbon disulfide	2.240	76	222192	45.496	ug/L	100
15) Methyl Acetate	2.371	43	77530	39.289	ug/L #	100
16) Methylene chloride	2.445	84	82311	46.956	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	75999	47.348	ug/L	94
18) Methyl tert-butyl Ether	2.699	73	273854	47.438	ug/L	98
19) 1,1-Dichloroethane	3.111	63	151250	46.092	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	86048	48.168	ug/L	95
22) 2-Butanone	3.860	43	120252	82.047	ug/L	99
23) Bromochloromethane	4.143	128	45010	51.864	ug/L	81
25) Chloroform	4.275	83	154978	49.811	ug/L	98

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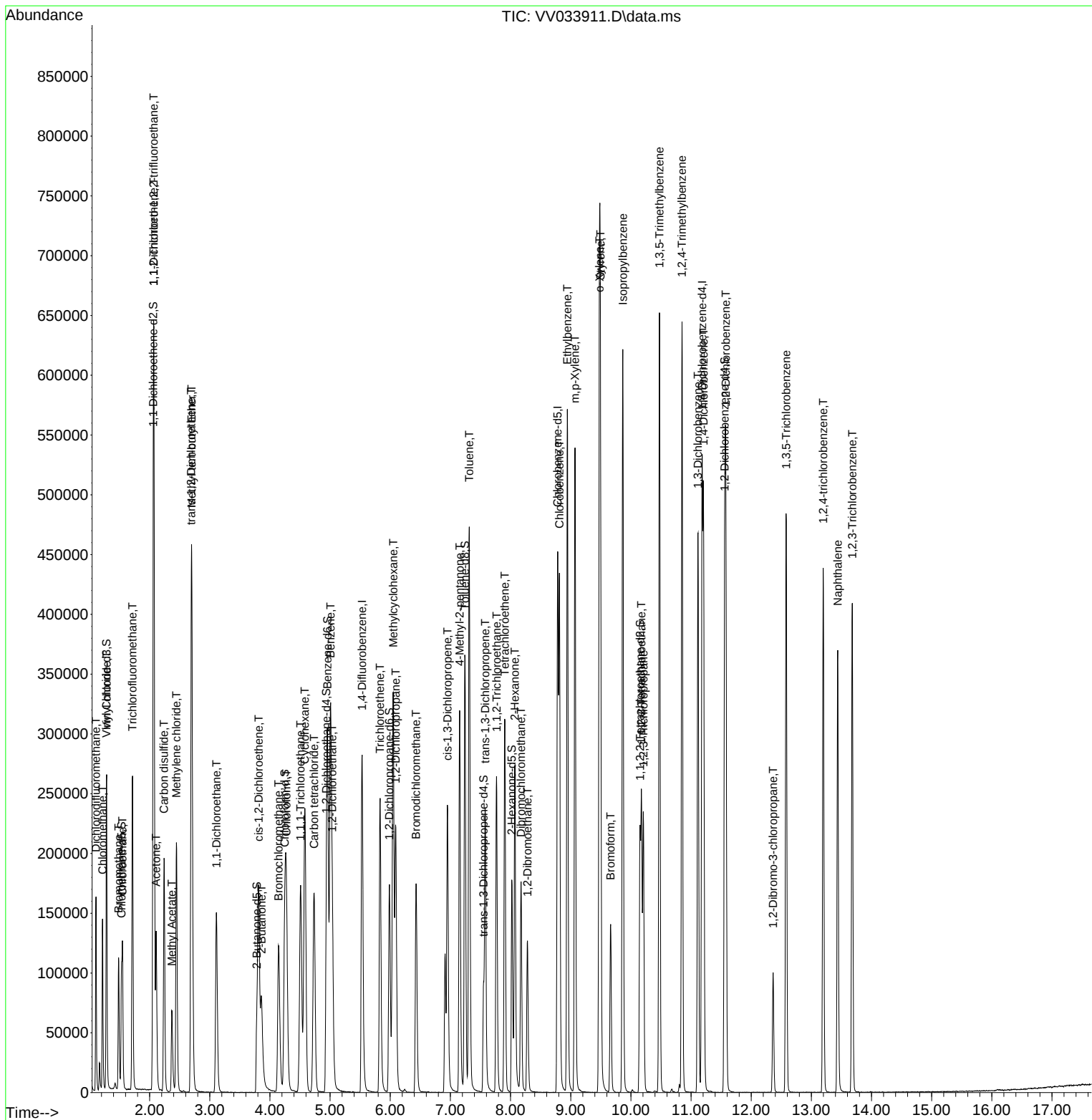
Instrument :
 MSVOA_V
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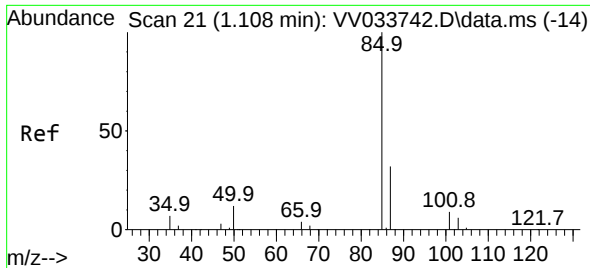
Quant Time: Feb 01 04:41:53 2024
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 Quant Title : VOC Analysis
 QLast Update : Mon Jan 29 01:58:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	125002	48.102	ug/L	100
29) Cyclohexane	4.580	56	137055	43.584	ug/L	93
30) 1,1,1-Trichloroethane	4.510	97	142795	53.345	ug/L	98
31) Carbon tetrachloride	4.735	117	127381	55.751	ug/L	100
33) Benzene	5.008	78	314412	47.991	ug/L	100
34) Trichloroethene	5.831	95	84799	48.252	ug/L	96
35) Methylcyclohexane	6.050	83	141863	47.168	ug/L	95
37) 1,2-Dichloropropane	6.091	63	82995	46.035	ug/L	98
38) Bromodichloromethane	6.429	83	116620	49.447	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	138220	45.911	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	208952	78.219	ug/L	97
42) Toluene	7.313	91	337664	48.756	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	132207	47.654	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	77895	47.619	ug/L	97
46) Tetrachloroethene	7.905	164	66991	51.970	ug/L	97
48) 2-Hexanone	8.072	43	171268	80.461	ug/L	99
49) Dibromochloromethane	8.175	129	84576	49.643	ug/L	100
50) 1,2-Dibromoethane	8.281	107	80671	46.666	ug/L	98
51) Chlorobenzene	8.812	112	217722	49.353	ug/L	99
52) Ethylbenzene	8.943	91	386924	48.236	ug/L	99
53) m,p-Xylene	9.072	106	144966	48.952	ug/L	99
54) o-Xylene	9.477	106	141745	48.348	ug/L	99
55) Styrene	9.493	104	243663	48.139	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	110783	42.555	ug/L	100
59) Bromoform	9.664	173	59995	47.080	ug/L	98
60) Isopropylbenzene	9.866	105	393434	48.499	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	87458	41.101	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	335484	48.199	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	335004	48.305	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	181666	49.578	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	181056	49.278	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	176592	49.322	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	24623	40.100	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	141267	52.171	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	126259	51.374	ug/L	98
71) Naphthalene	13.438	128	277231	43.168	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	117862	51.380	ug/L	99

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

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Response via : Initial Calibration

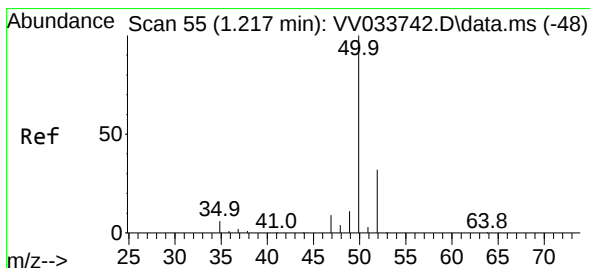
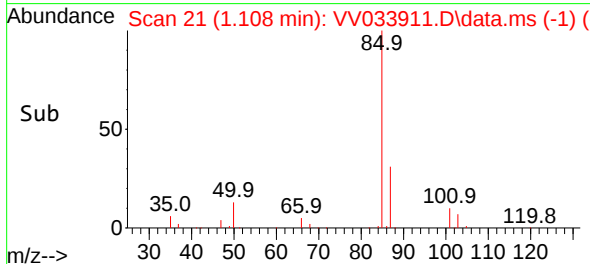
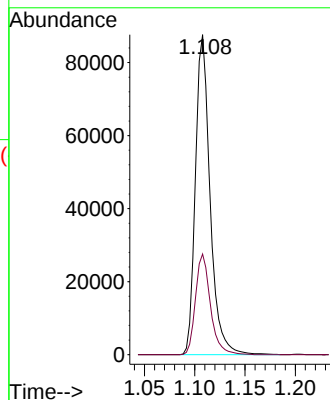
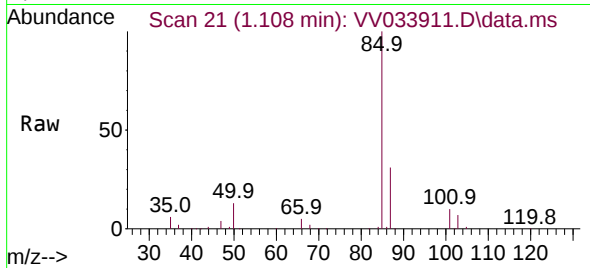




#2
 Dichlorodifluoromethane
 Concen: 44.534 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033911.D
 Acq: 31 Jan 2024 09:12

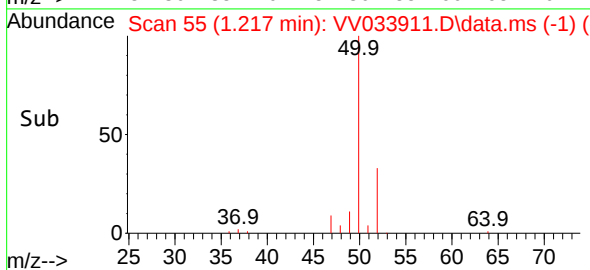
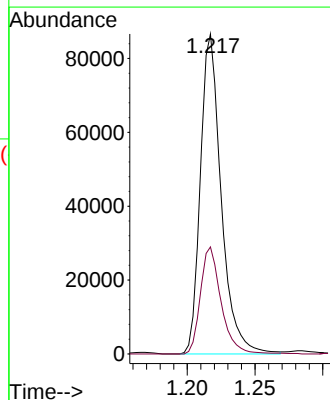
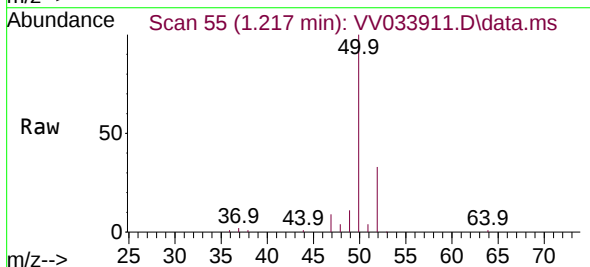
Instrument :
 MSVOA_V
 ClientSampleId :

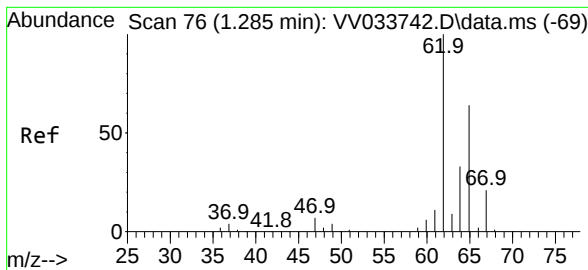
Tgt Ion: 85 Resp: 88704
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 40.870 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033911.D
 Acq: 31 Jan 2024 09:12

Tgt Ion: 50 Resp: 92569
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.8 42.4

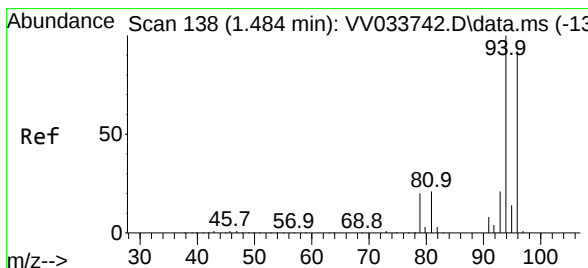
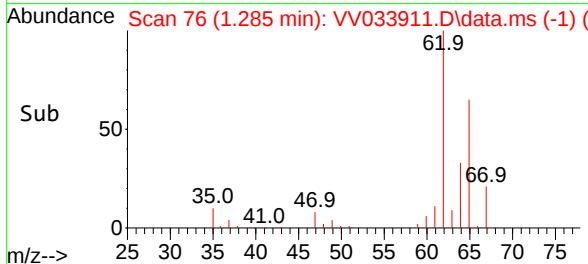
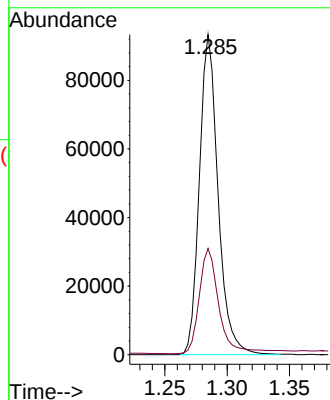
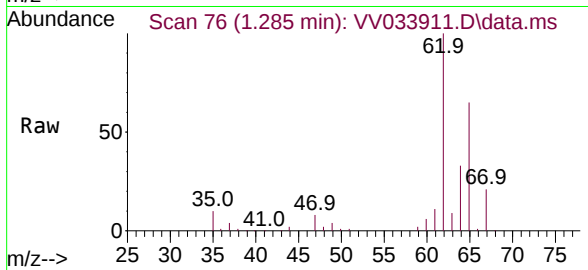




#5
 Vinyl chloride
 Concen: 44.917 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033911.D
 Acq: 31 Jan 2024 09:12

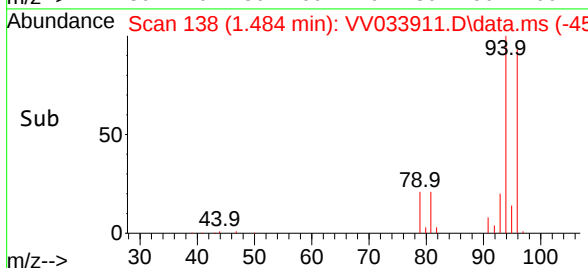
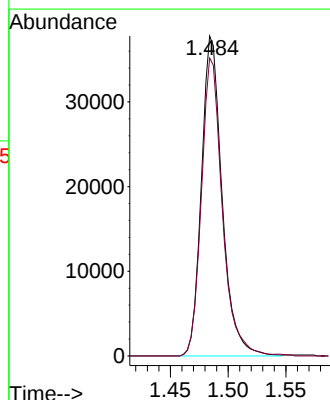
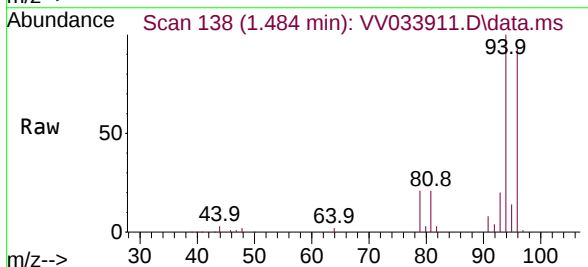
Instrument :
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 ClientSampleId :

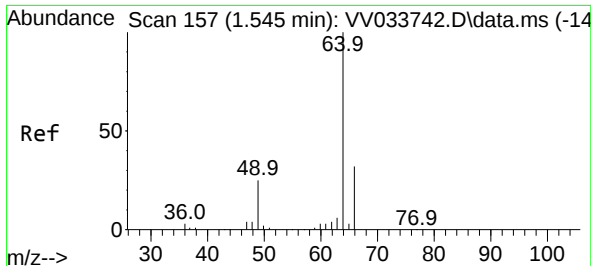
Tgt Ion: 62 Resp: 97327
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.0



#6
 Bromomethane
 Concen: 41.628 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV033911.D
 Acq: 31 Jan 2024 09:12

Tgt Ion: 94 Resp: 47141
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.4 123.2

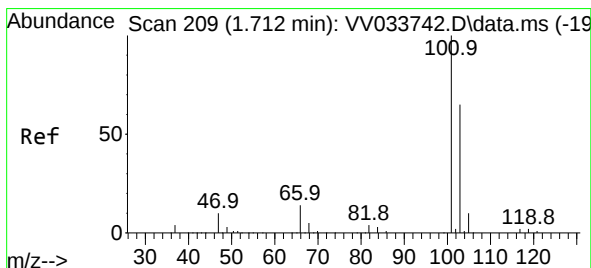
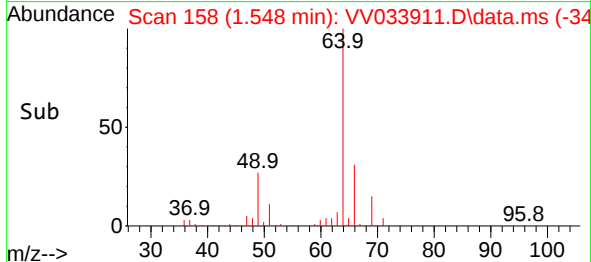
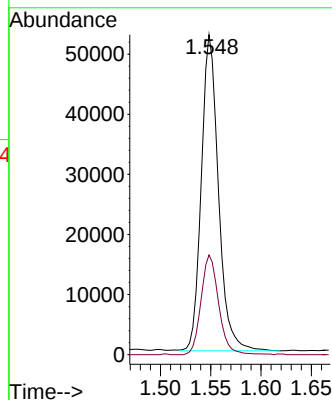
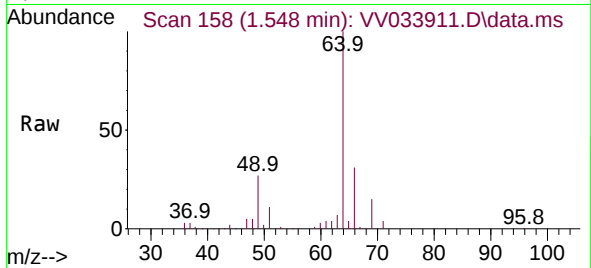




#8
Chloroethane
Concen: 48.156 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

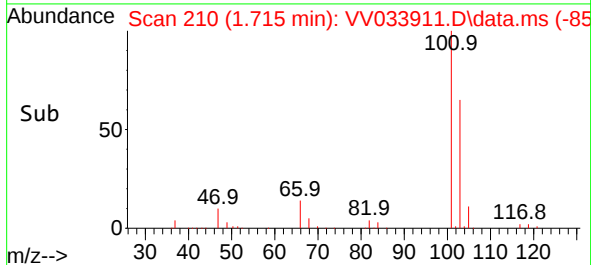
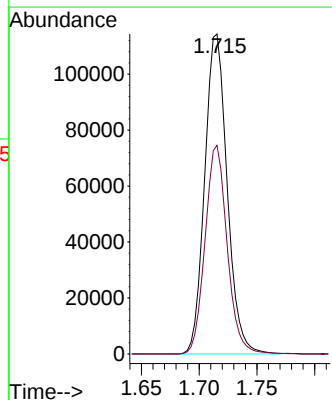
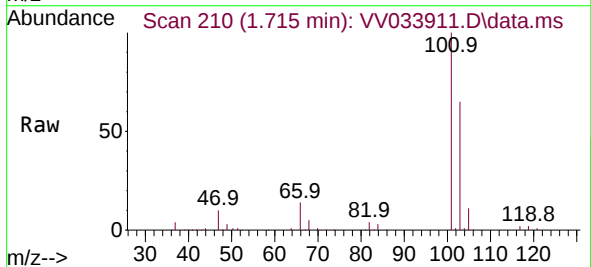
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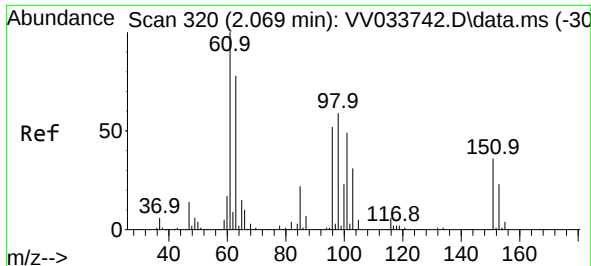
Tgt Ion: 64 Resp: 62220
Ion Ratio Lower Upper
64 100
66 31.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 59.821 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion:101 Resp: 154676
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 56.024 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

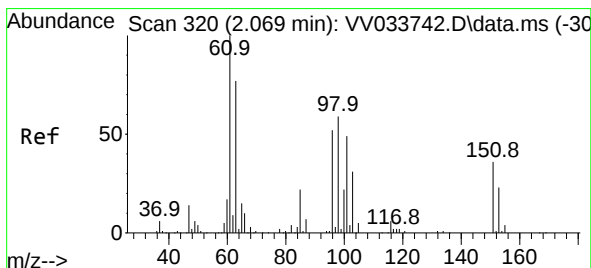
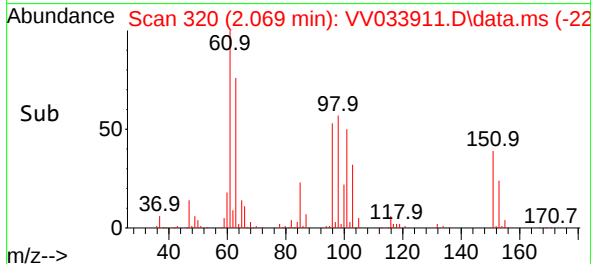
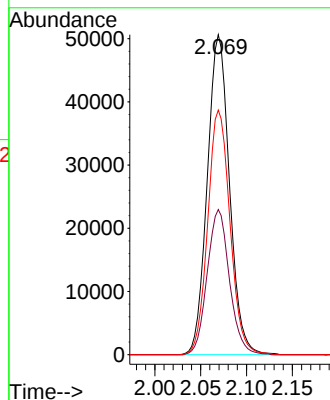
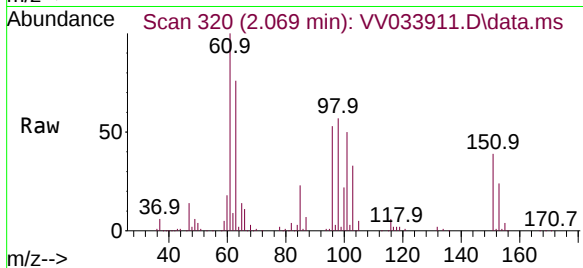
Tgt Ion:101 Resp: 85345

Ion Ratio Lower Upper

101 100

85 45.4 36.2 54.4

151 76.8 56.5 84.7



#12

1,1-Dichloroethene

Concen: 54.102 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

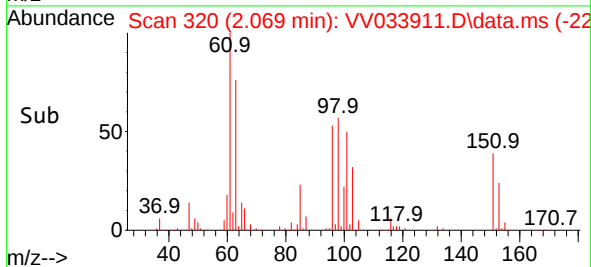
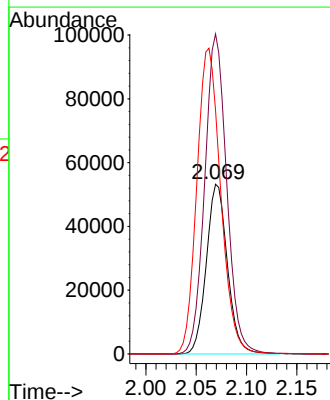
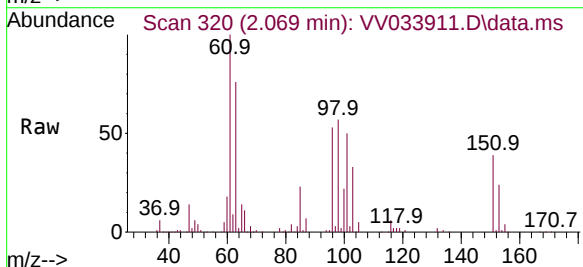
Tgt Ion: 96 Resp: 77740

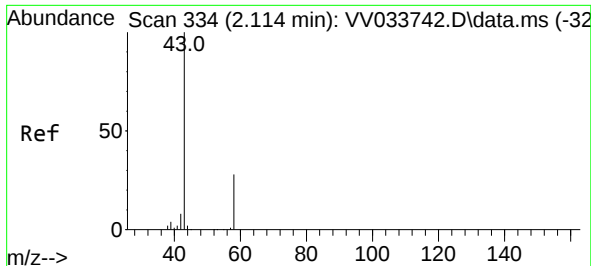
Ion Ratio Lower Upper

96 100

61 188.4 134.0 248.8

63 143.3 103.4 192.0





#13

Acetone

Concen: 104.223 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033911.D

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MSVOA_V

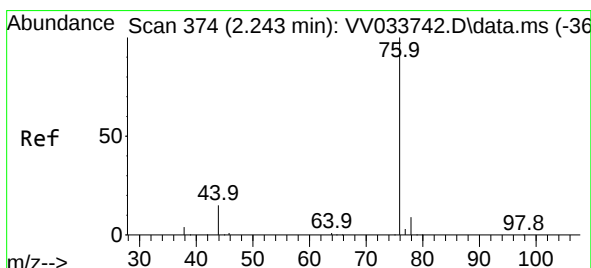
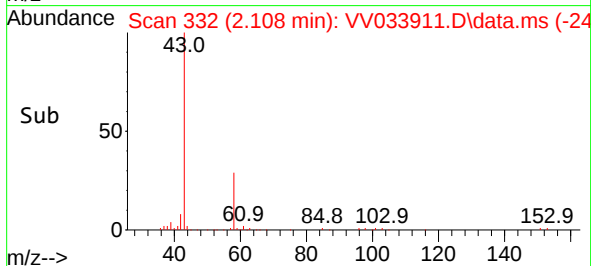
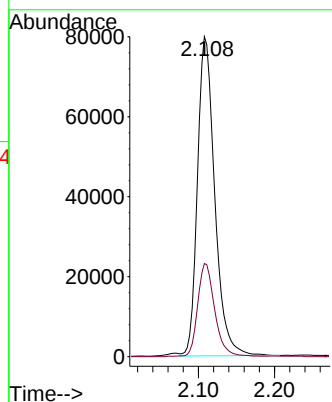
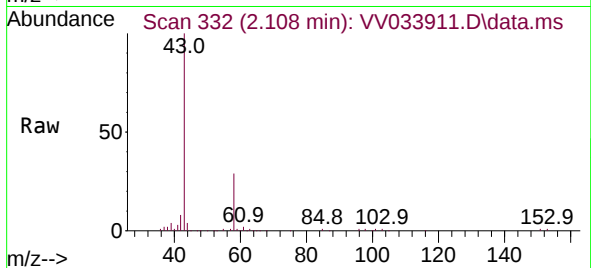
ClientSampleId :

Tgt Ion: 43 Resp: 125772

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.2



#14

Carbon disulfide

Concen: 45.496 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV033911.D

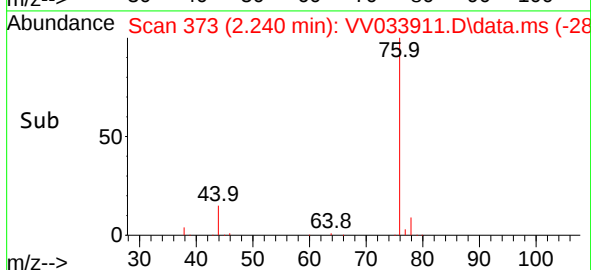
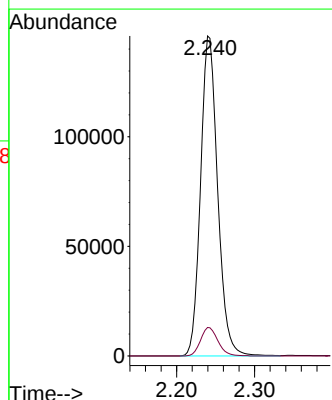
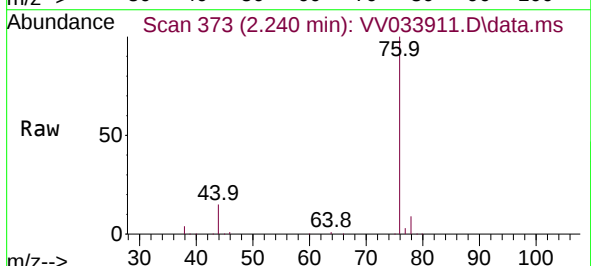
Acq: 31 Jan 2024 09:12

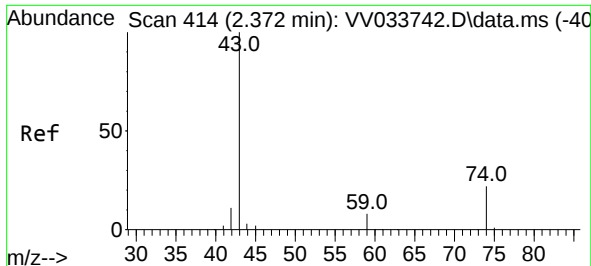
Tgt Ion: 76 Resp: 222192

Ion Ratio Lower Upper

76 100

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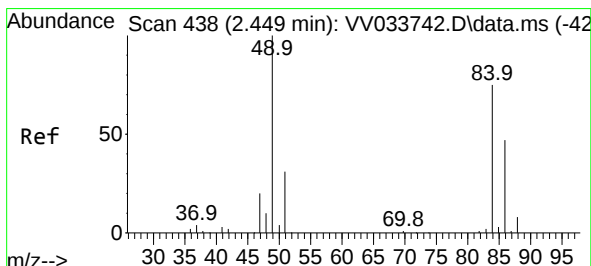
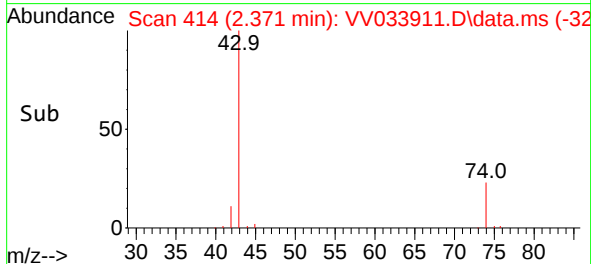
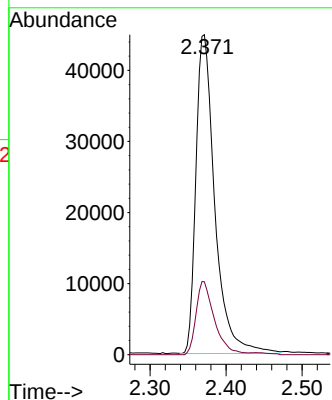
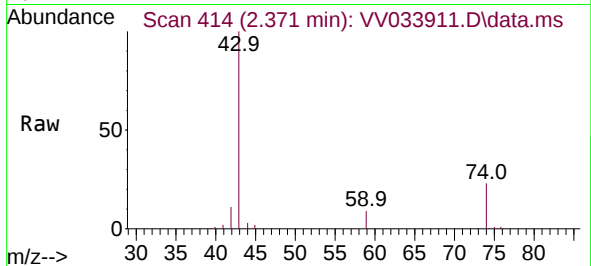




#15
Methyl Acetate
Concen: 39.289 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

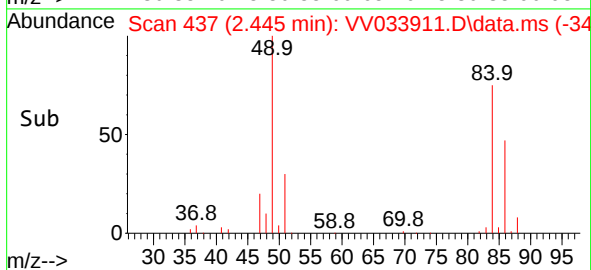
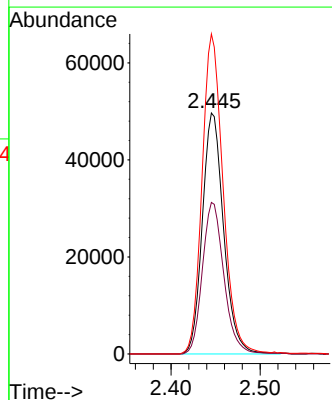
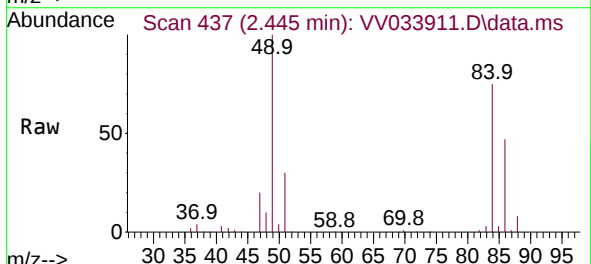
Instrument :
MSVOA_V
ClientSampleId :

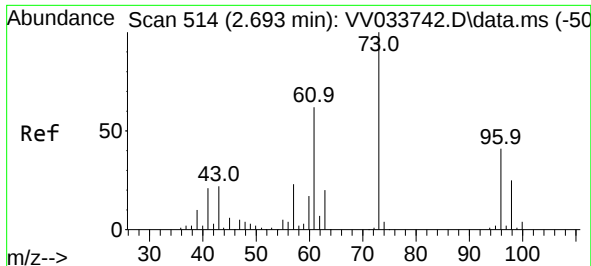
Tgt Ion: 43 Resp: 77530
Ion Ratio Lower Upper
43 100
74 22.2 0.0 0.0#



#16
Methylene chloride
Concen: 46.956 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion: 84 Resp: 82311
Ion Ratio Lower Upper
84 100
86 62.9 43.9 81.5
49 132.8 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 47.348 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

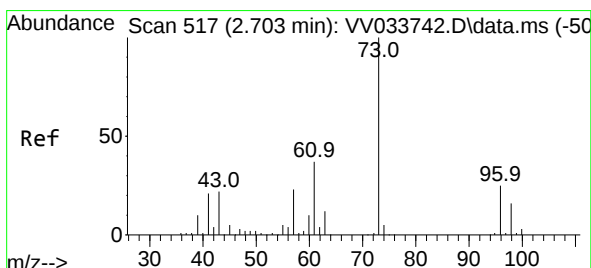
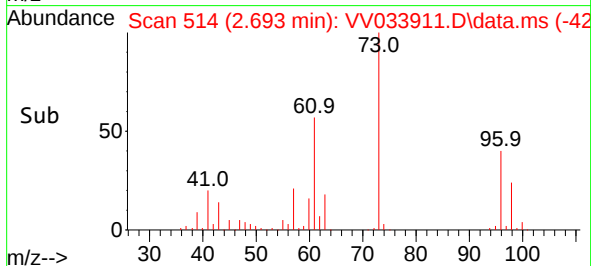
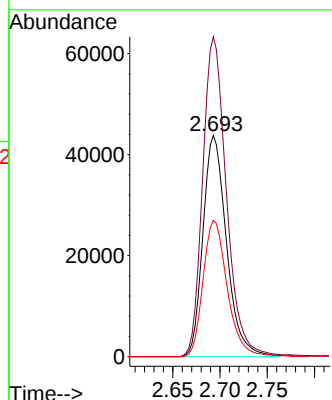
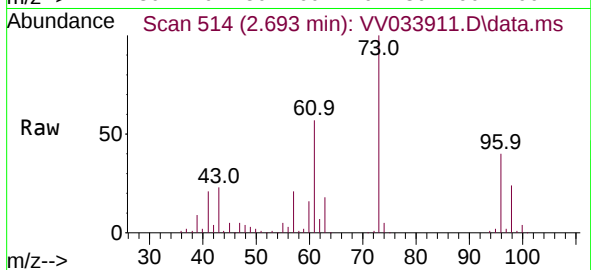
Tgt Ion: 96 Resp: 75999

Ion Ratio Lower Upper

96 100

61 144.7 108.4 201.4

98 61.6 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 47.438 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

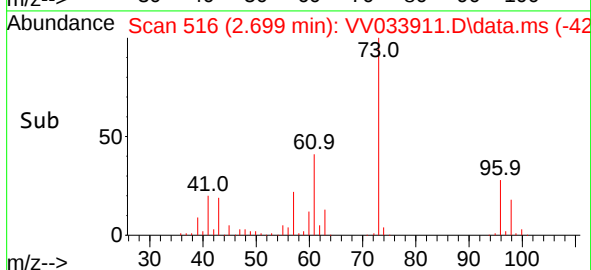
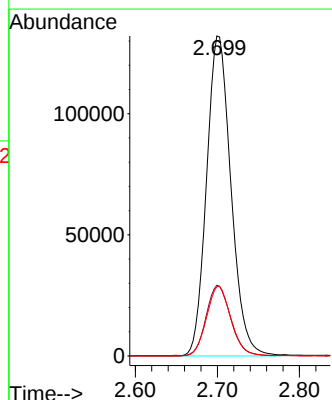
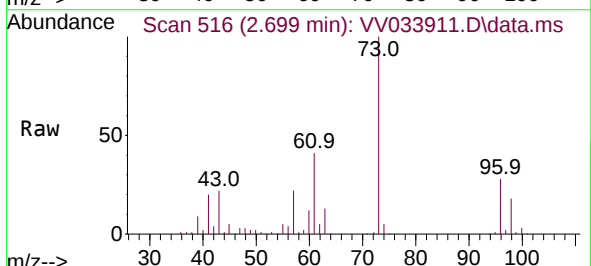
Tgt Ion: 73 Resp: 273854

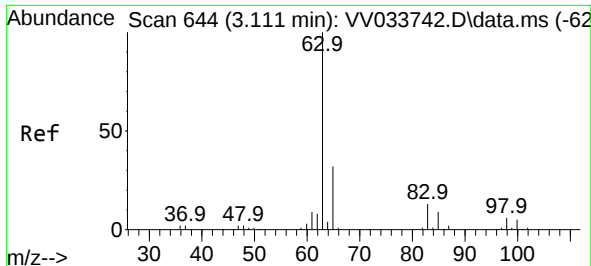
Ion Ratio Lower Upper

73 100

43 21.7 17.4 26.2

57 21.8 18.6 27.8





#19

1,1-Dichloroethane

Concen: 46.092 ug/L

RT: 3.111 min Scan# 644

Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

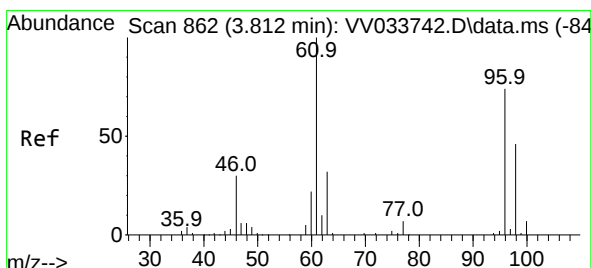
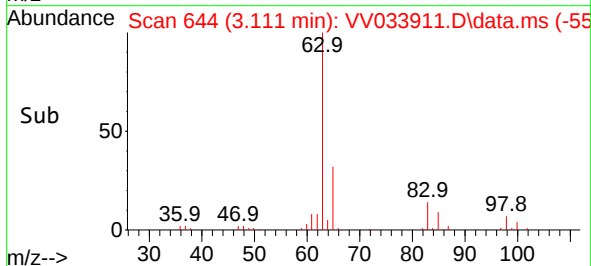
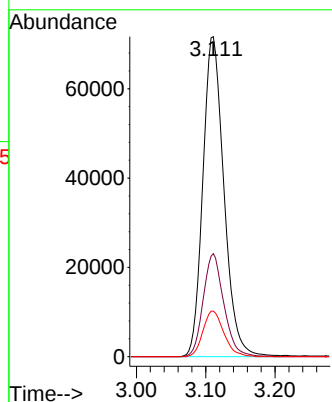
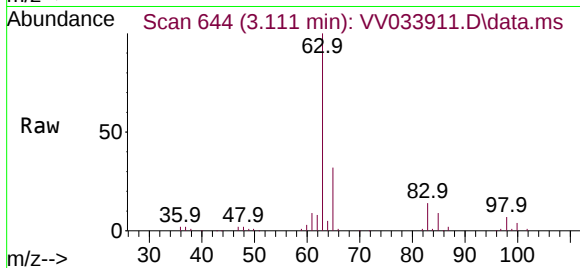
Tgt Ion: 63 Resp: 151250

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 14.2 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 48.168 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

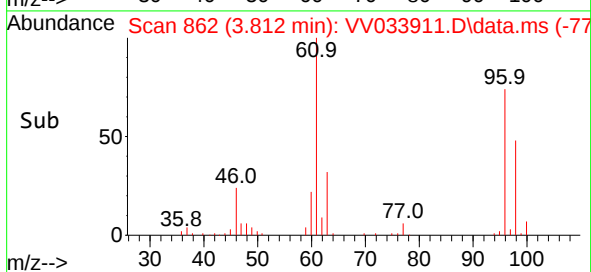
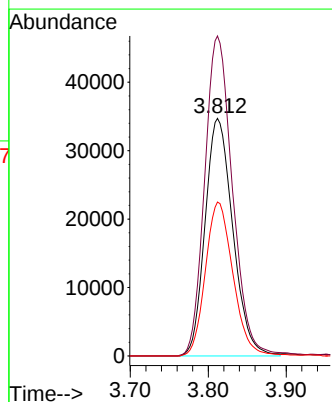
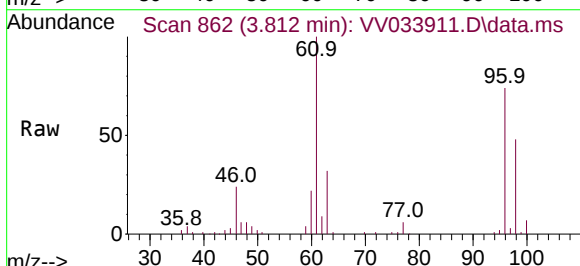
Tgt Ion: 96 Resp: 86048

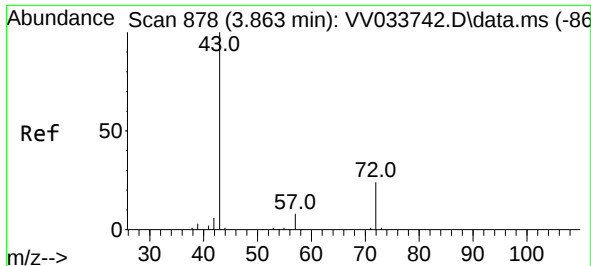
Ion Ratio Lower Upper

96 100

61 134.7 100.6 186.8

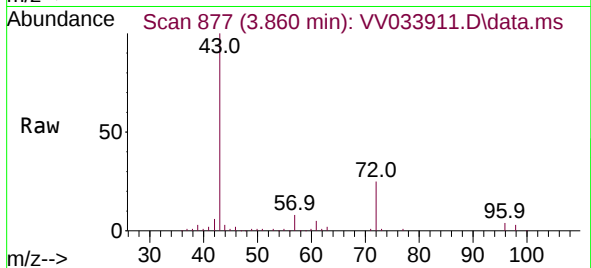
98 64.8 44.6 82.8



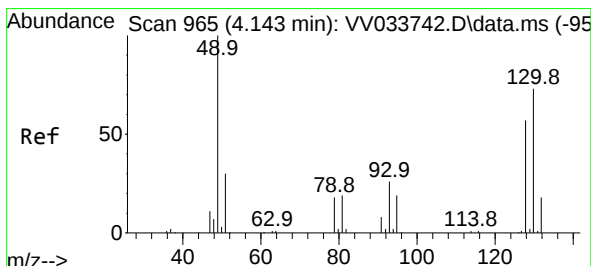
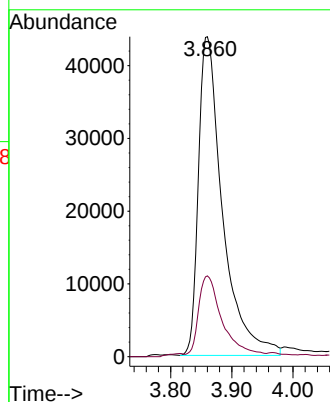
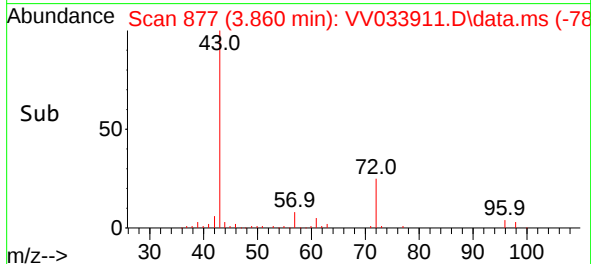


#22
2-Butanone
Concen: 82.047 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.007 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Instrument :
MSVOA_V
ClientSampleId :

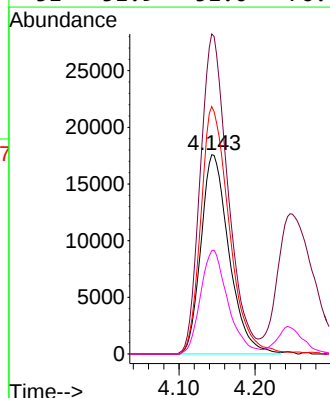
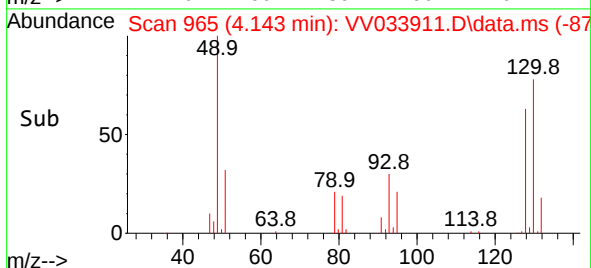
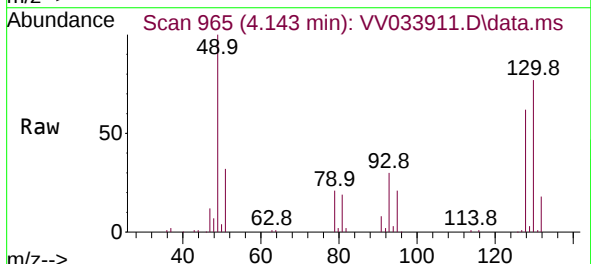


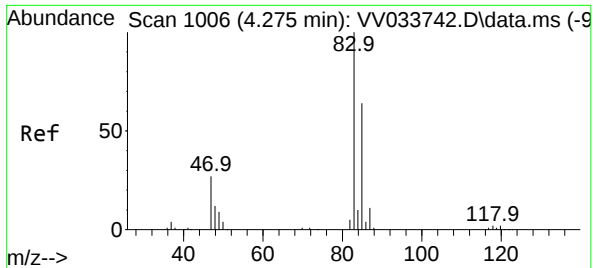
Tgt Ion: 43 Resp: 120252
Ion Ratio Lower Upper
43 100
72 24.4 11.9 35.5



#23
Bromochloromethane
Concen: 51.864 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion: 128 Resp: 45010
Ion Ratio Lower Upper
128 100
49 160.7 143.9 267.2
130 124.2 90.6 168.2
51 51.9 51.0 76.6

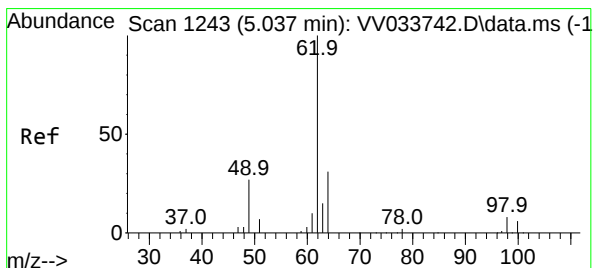
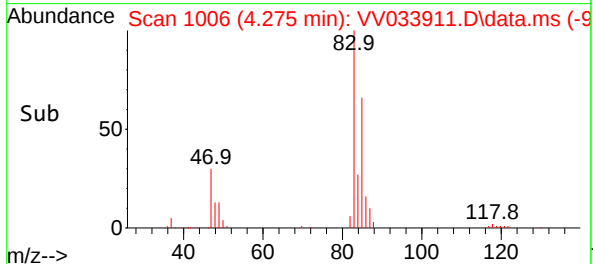
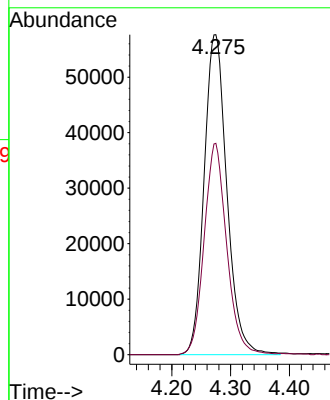
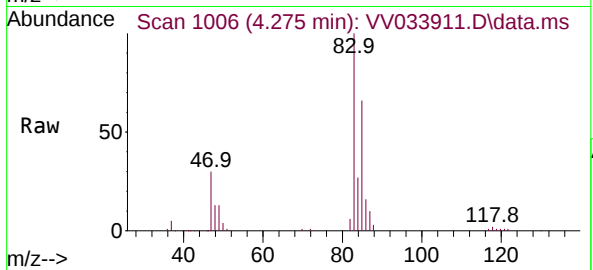




#25
Chloroform
Concen: 49.811 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

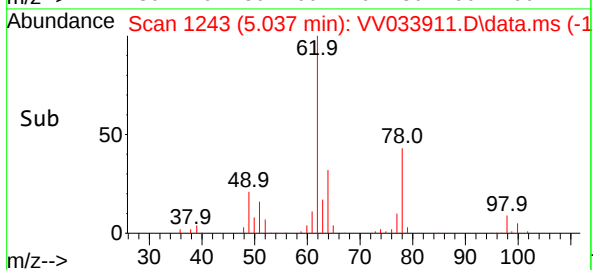
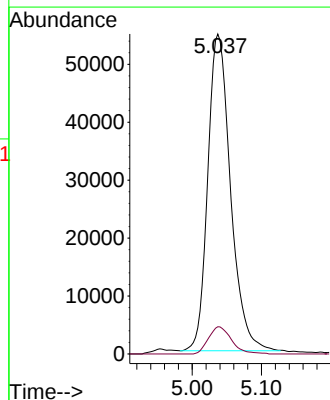
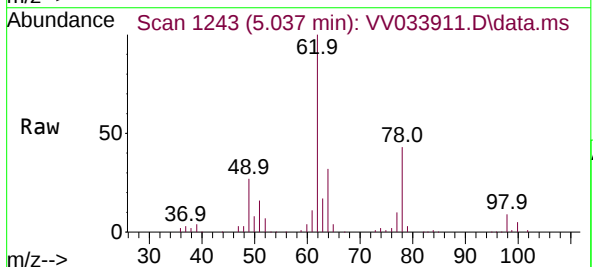
Instrument :
MSVOA_V
ClientSampleId :

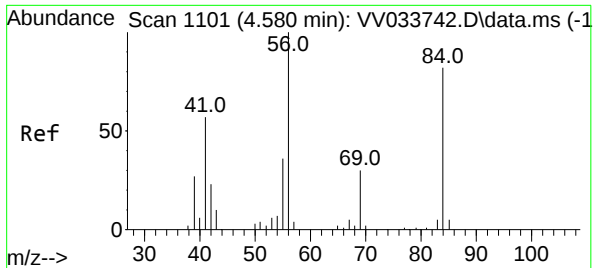
Tgt Ion: 83 Resp: 154978
Ion Ratio Lower Upper
83 100
85 66.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 48.102 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

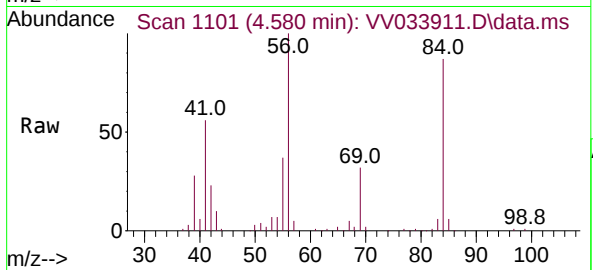
Tgt Ion: 62 Resp: 125002
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2



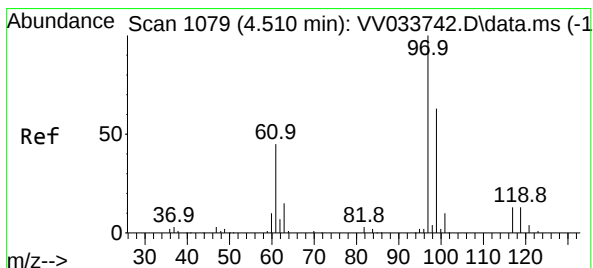
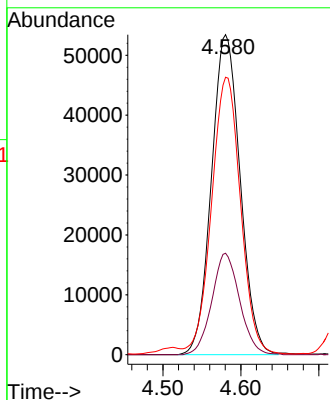
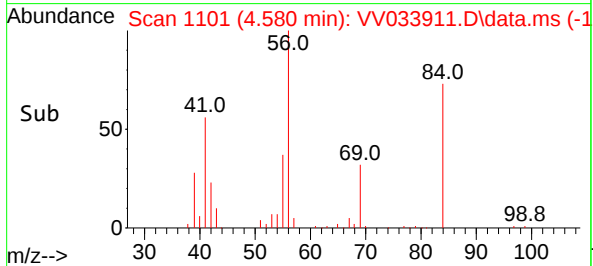


#29
Cyclohexane
Concen: 43.584 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Instrument :
MSVOA_V
ClientSampleId :

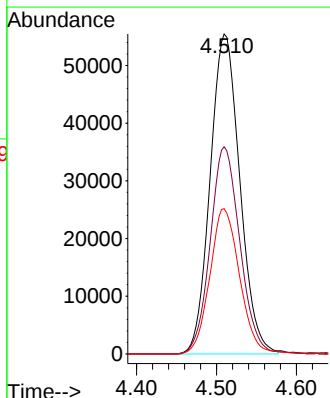
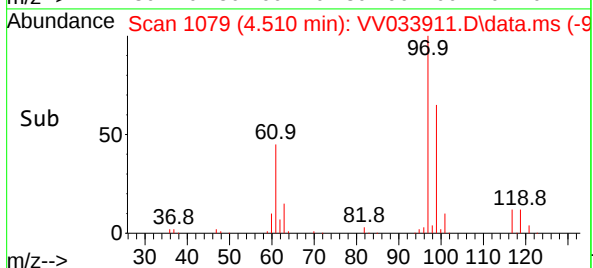
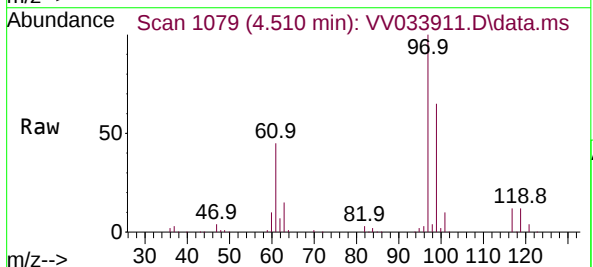


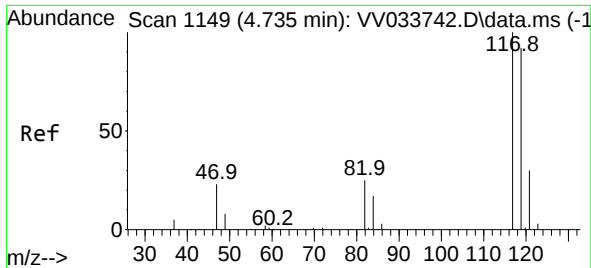
Tgt Ion:	56	Resp:	137055
Ion Ratio	Lower	Upper	
56	100		
69	30.6	23.8	35.6
84	87.2	63.8	95.6



#30
1,1,1-Trichloroethane
Concen: 53.345 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion:	97	Resp:	142795
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.4	77.0
61	45.6	38.2	57.2

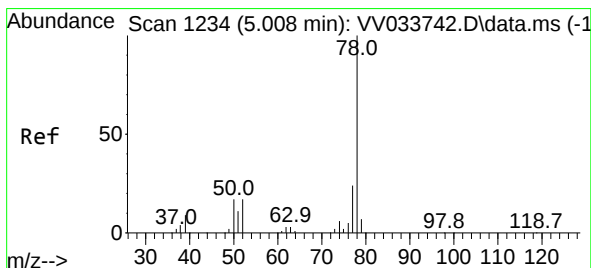
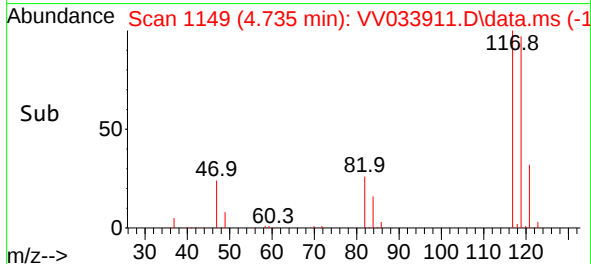
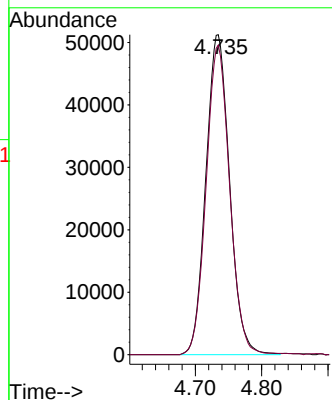
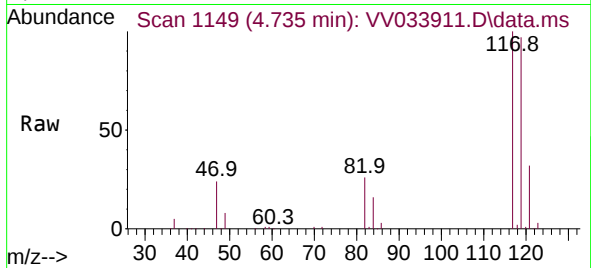




#31
Carbon tetrachloride
Concen: 55.751 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

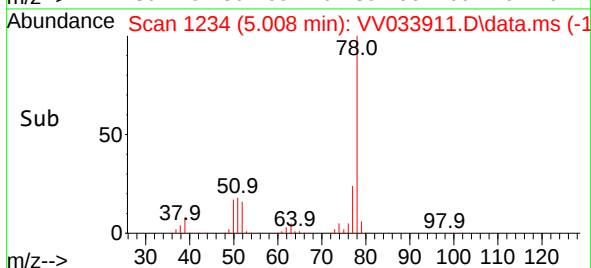
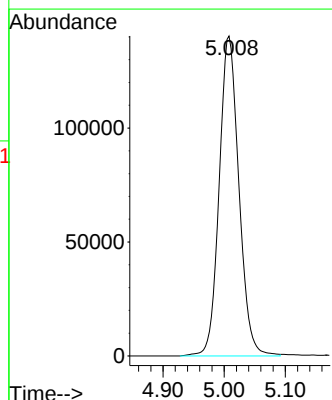
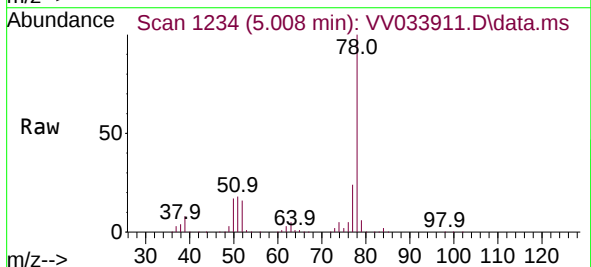
Instrument :
MSVOA_V
ClientSampleId :

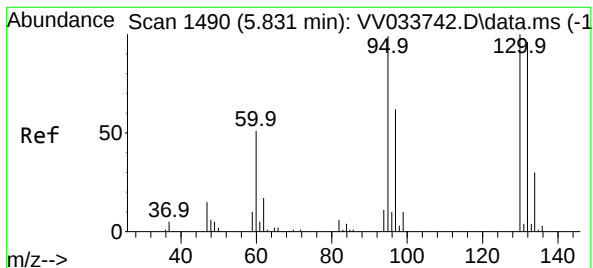
Tgt Ion:117 Resp: 127381
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4



#33
Benzene
Concen: 47.991 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion: 78 Resp: 314412





#34

Trichloroethene

Concen: 48.252 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

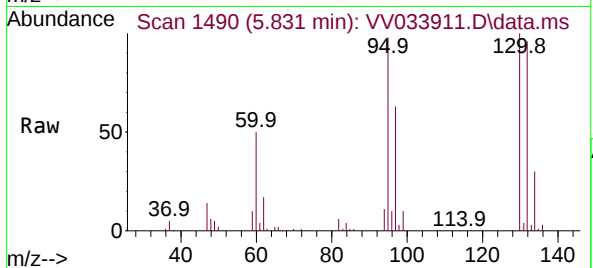
Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 84799

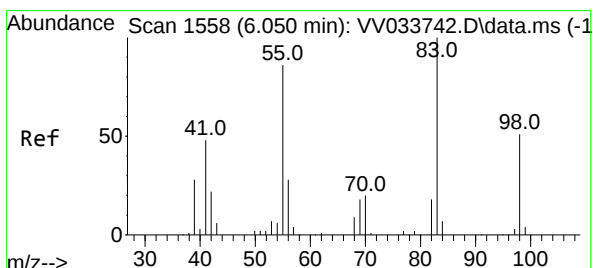
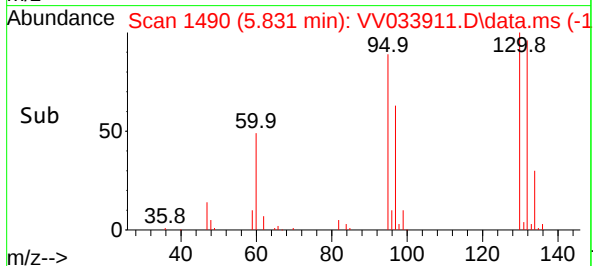
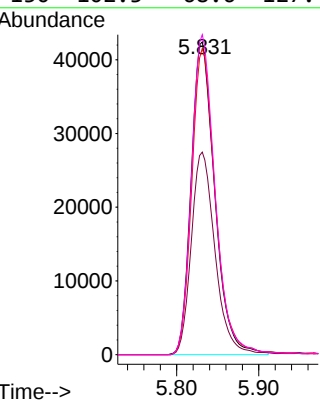
Ion Ratio Lower Upper

95 100

97 64.8 44.4 82.4

132 97.9 65.5 121.7

130 102.3 68.6 127.4



#35

Methylcyclohexane

Concen: 47.168 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

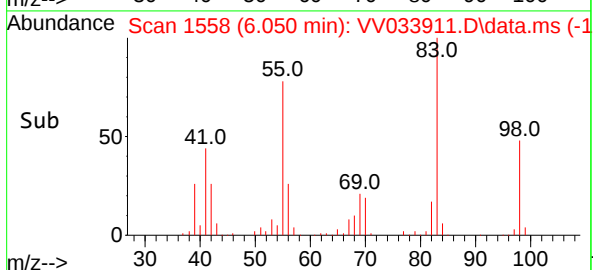
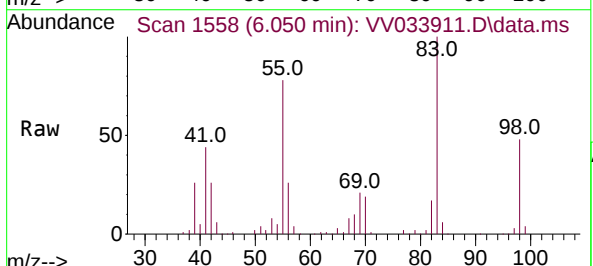
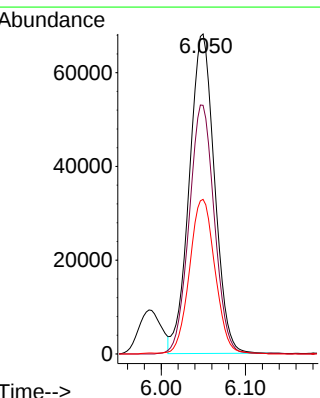
Tgt Ion: 83 Resp: 141863

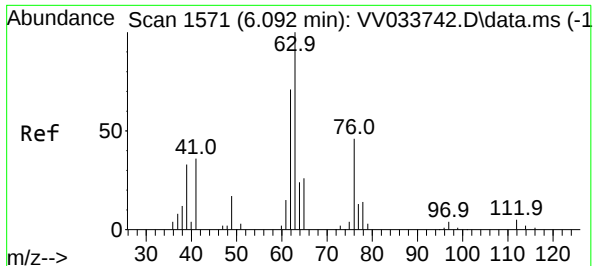
Ion Ratio Lower Upper

83 100

55 78.0 67.1 100.7

98 49.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 46.035 ug/L

RT: 6.091 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

Instrument :

MSVOA_V

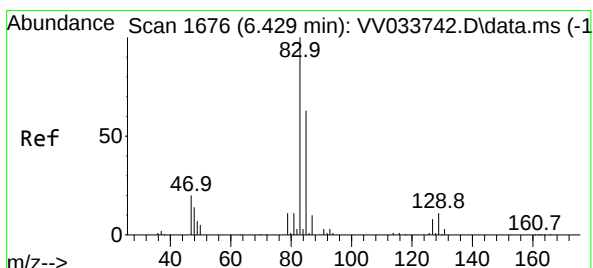
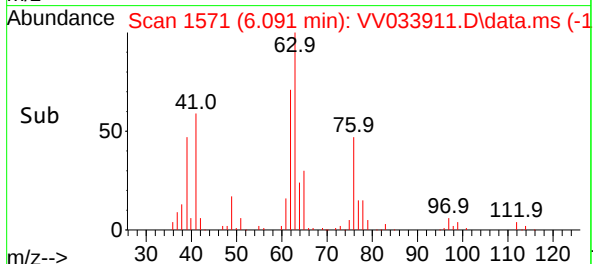
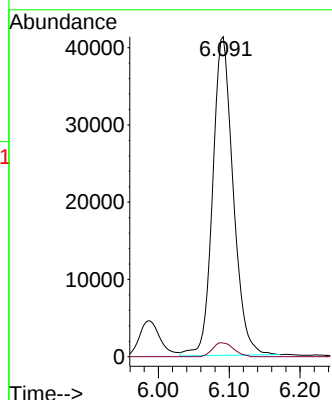
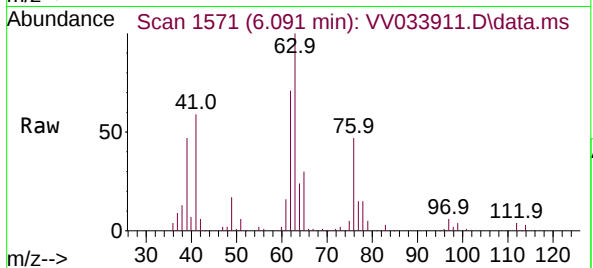
ClientSampleId :

Tgt Ion: 63 Resp: 82995

Ion Ratio Lower Upper

63 100

112 4.5 3.1 4.7



#38

Bromodichloromethane

Concen: 49.447 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

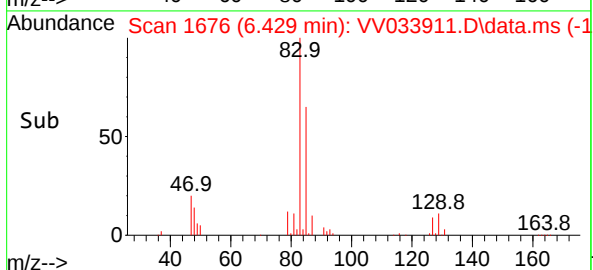
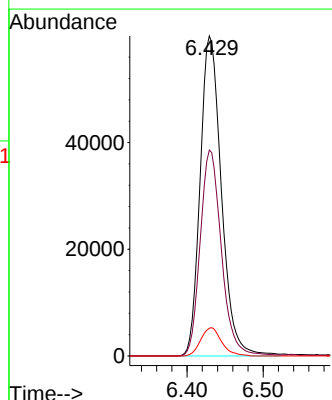
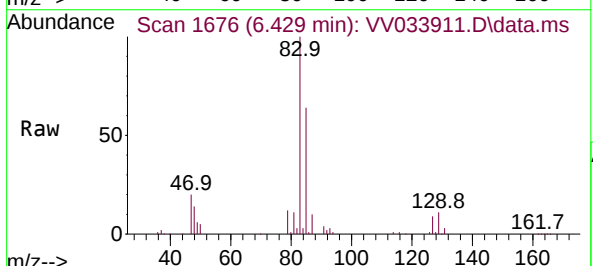
Tgt Ion: 83 Resp: 116620

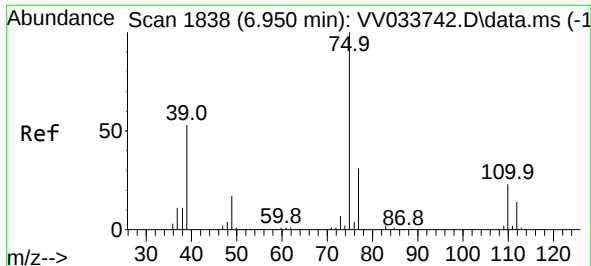
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 45.911 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

Instrument :

MSVOA_V

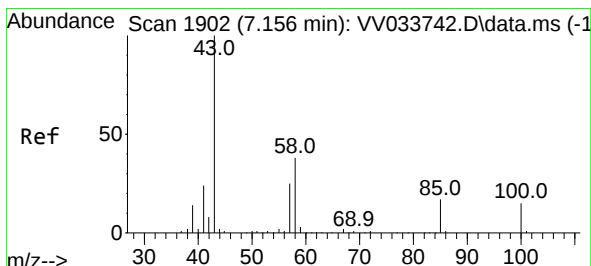
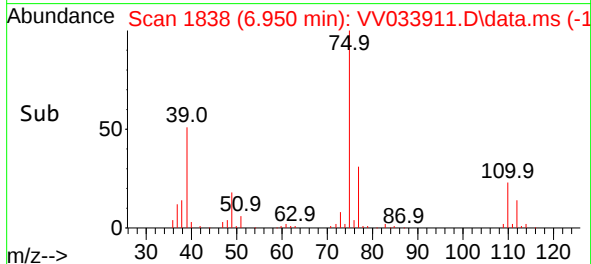
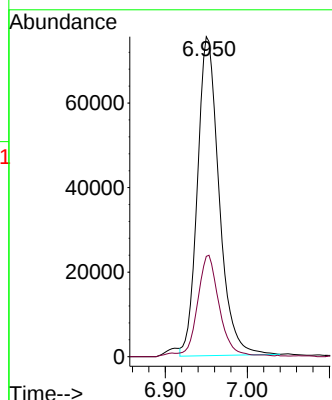
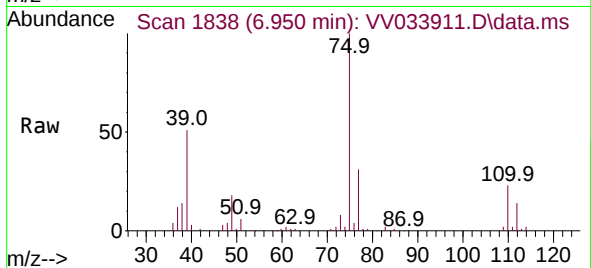
ClientSampleId :

Tgt Ion: 75 Resp: 138220

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 78.219 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.003 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

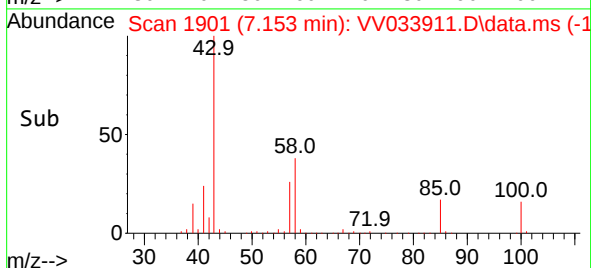
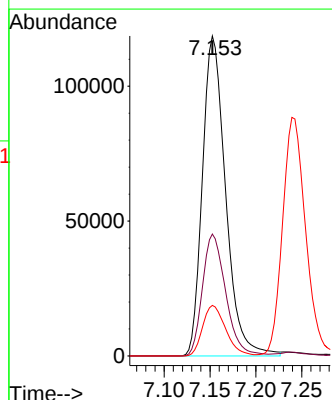
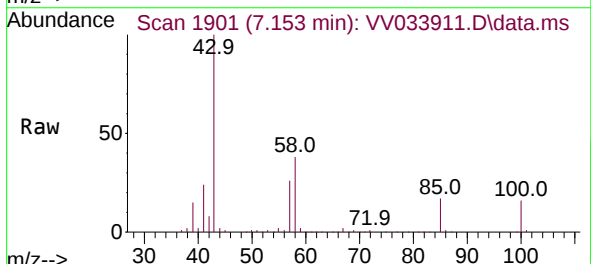
Tgt Ion: 43 Resp: 208952

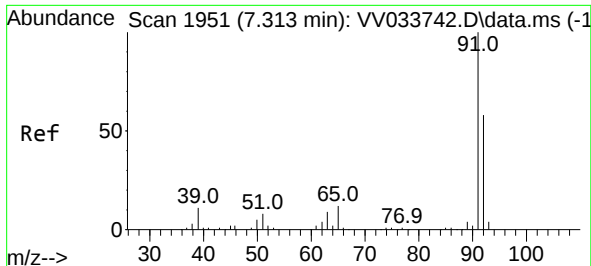
Ion Ratio Lower Upper

43 100

58 38.1 29.6 44.4

100 15.8 10.6 16.0

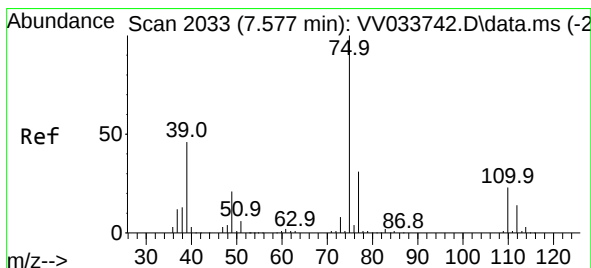
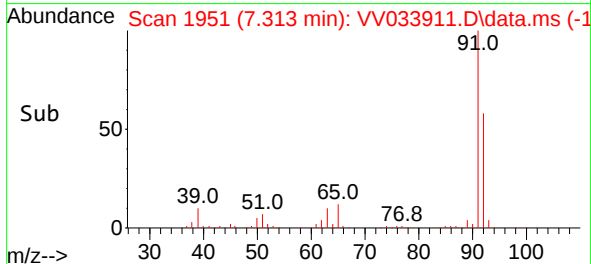
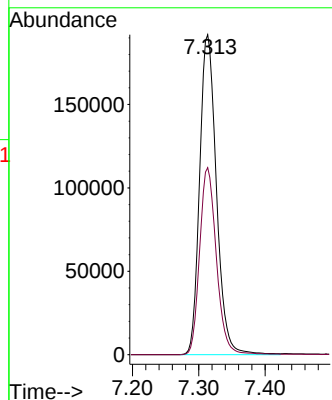
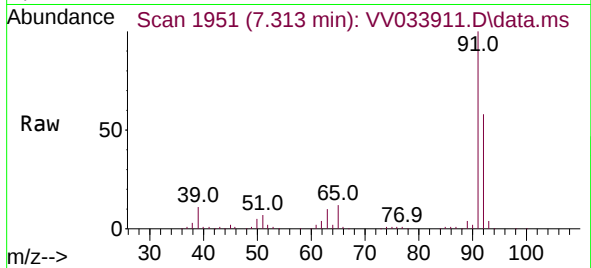




#42
Toluene
Concen: 48.756 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

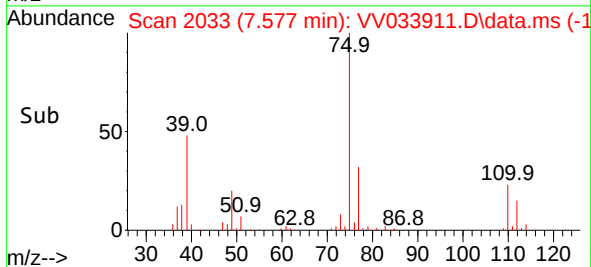
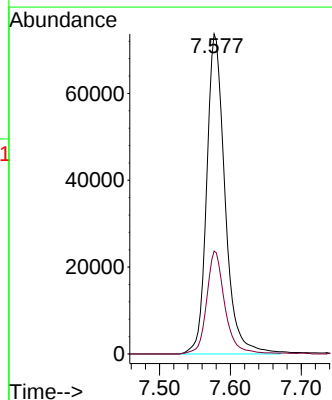
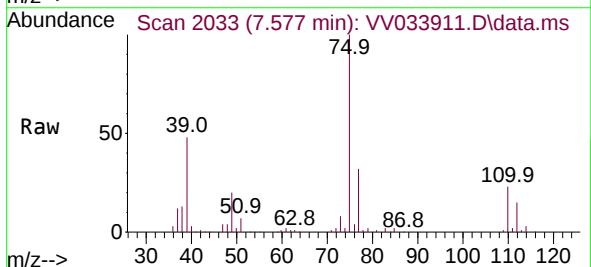
Instrument :
MSVOA_V
ClientSampleId :

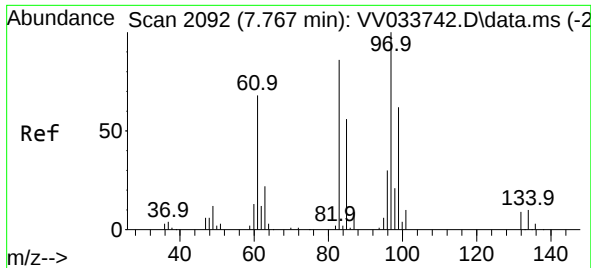
Tgt Ion: 91 Resp: 337664
Ion Ratio Lower Upper
91 100
92 58.4 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 47.654 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.003 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion: 75 Resp: 132207
Ion Ratio Lower Upper
75 100
77 32.2 21.6 40.0



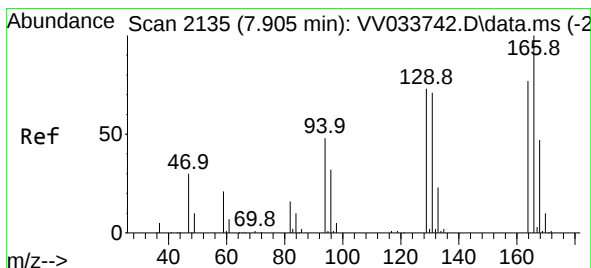
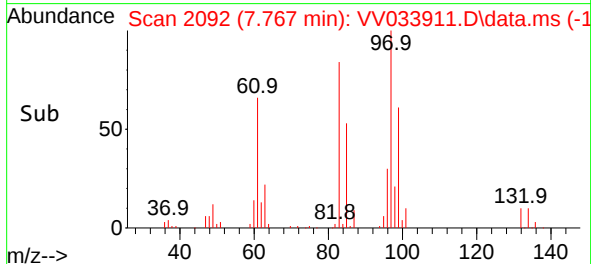
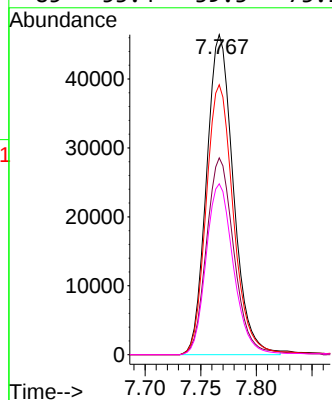
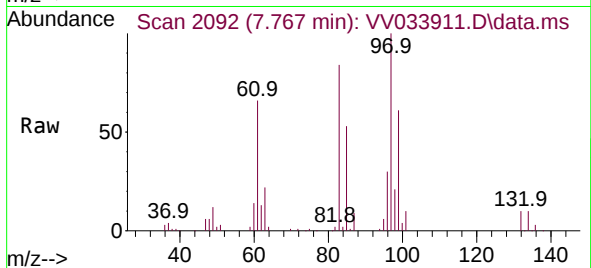


#45
1,1,2-Trichloroethane
Concen: 47.619 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 77895

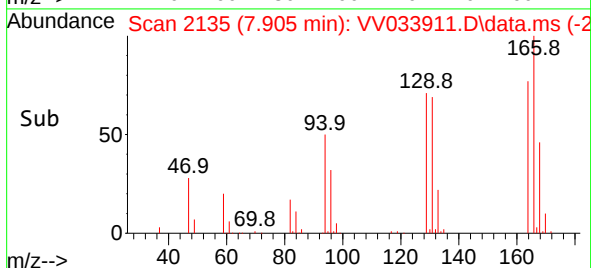
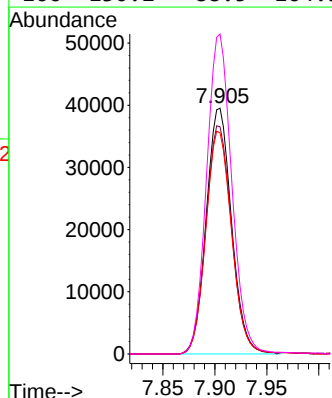
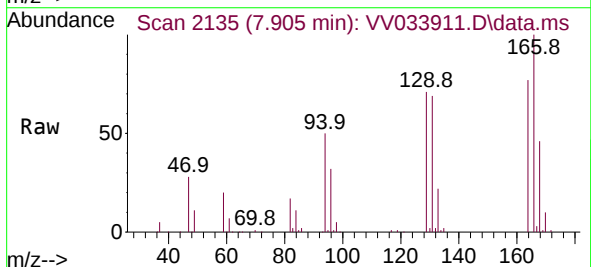
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.8	79.6
83	84.4	61.2	113.8
85	53.4	39.3	73.1

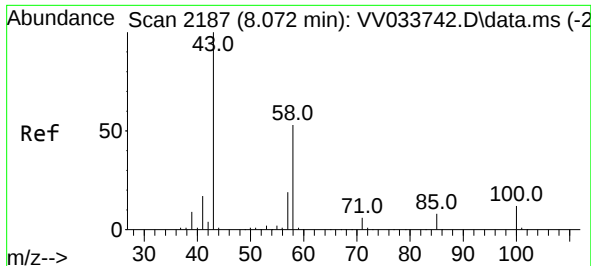


#46
Tetrachloroethene
Concen: 51.970 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion: 164 Resp: 66991

Ion	Ratio	Lower	Upper
164	100		
129	92.4	66.1	122.7
131	90.0	65.9	122.5
166	130.2	88.5	164.3

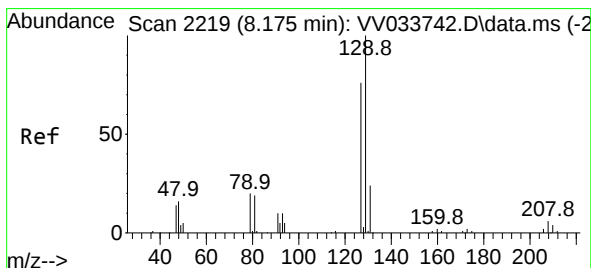
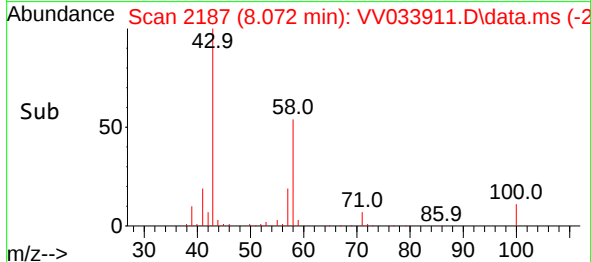
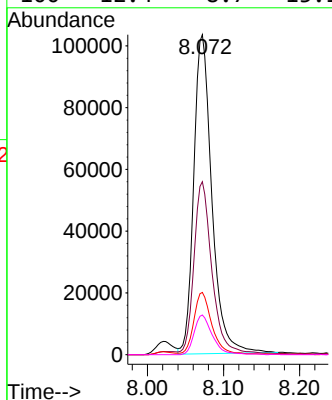
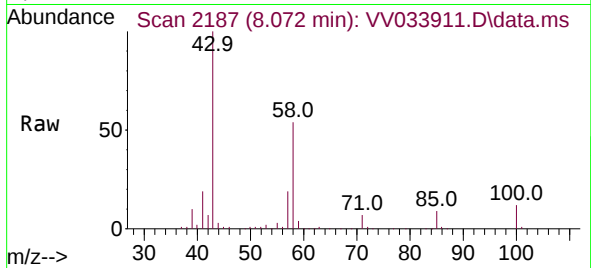




#48
2-Hexanone
Concen: 80.461 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

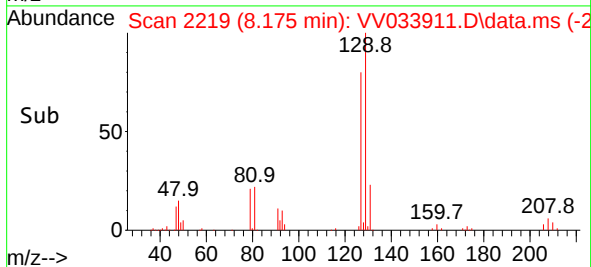
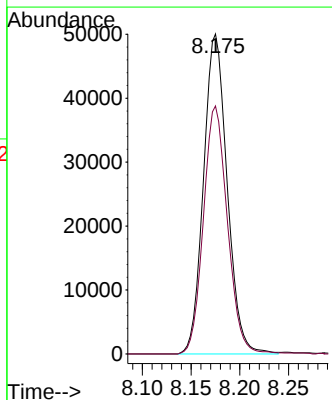
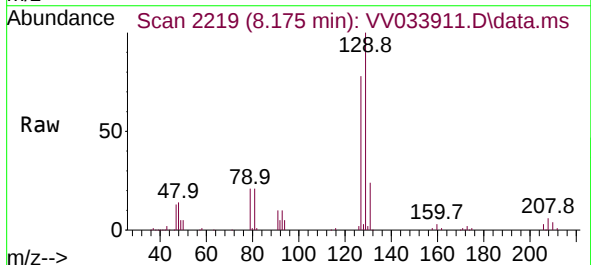
Instrument :
MSVOA_V
ClientSampleId :

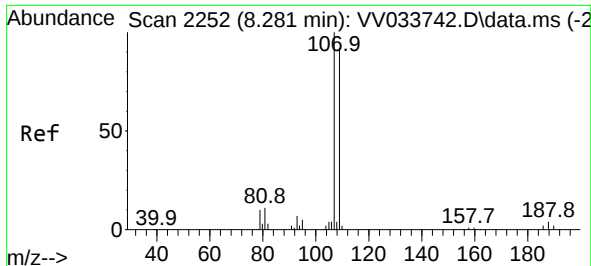
Tgt Ion: 43 Resp: 171268
Ion Ratio Lower Upper
43 100
58 53.0 42.3 63.5
57 18.9 14.2 21.2
100 12.4 8.7 13.1



#49
Dibromochloromethane
Concen: 49.643 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion: 129 Resp: 84576
Ion Ratio Lower Upper
129 100
127 77.5 54.5 101.3





#50

1,2-Dibromoethane

Concen: 46.666 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033911.D

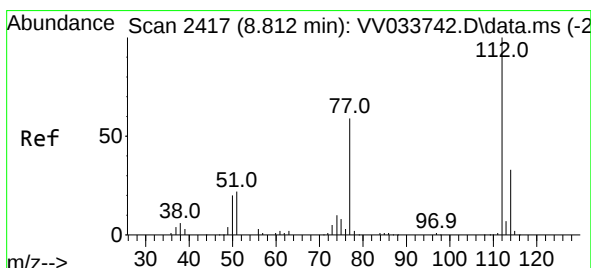
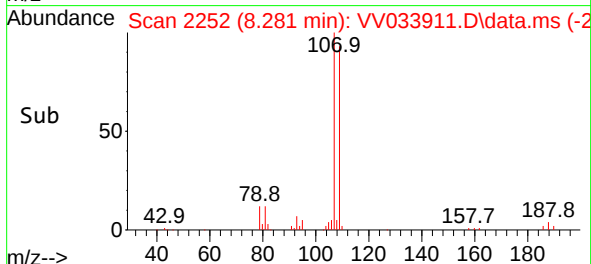
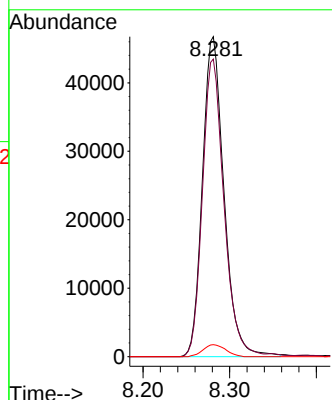
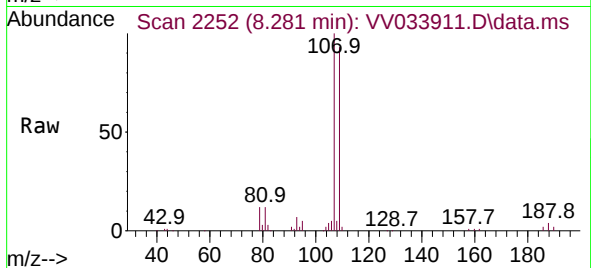
Acq: 31 Jan 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	80671
Ion	Ratio	Lower	Upper
107	100		
109	93.0	66.4	123.4
188	3.8	2.7	4.1



#51

Chlorobenzene

Concen: 49.353 ug/L

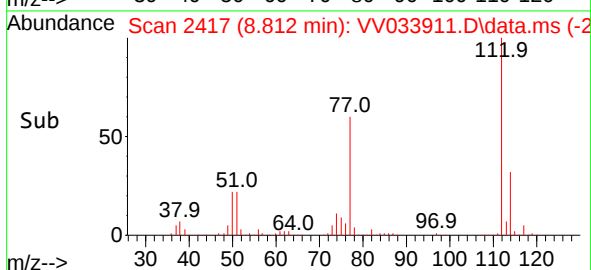
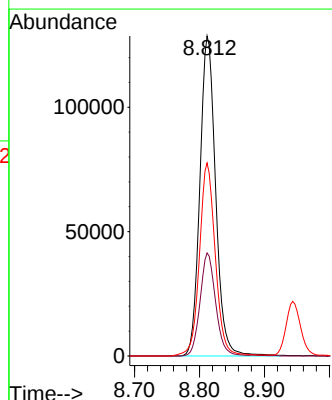
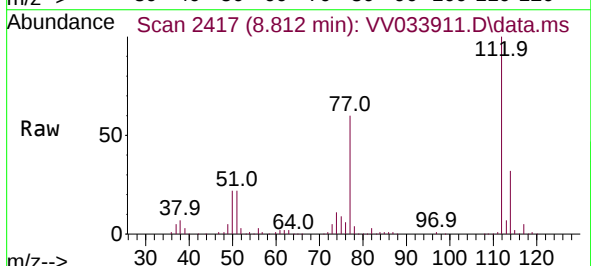
RT: 8.812 min Scan# 2417

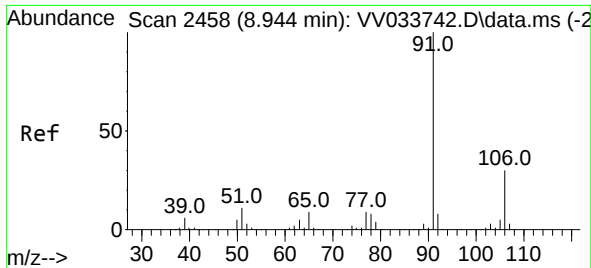
Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

Tgt Ion:	112	Resp:	217722
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.7
77	60.3	49.4	74.0

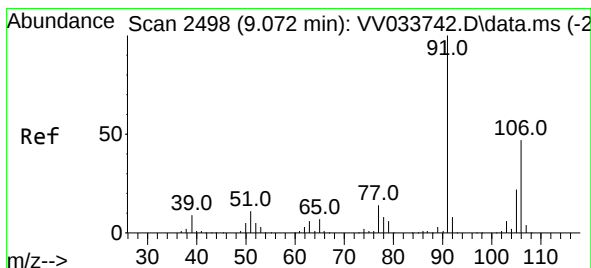
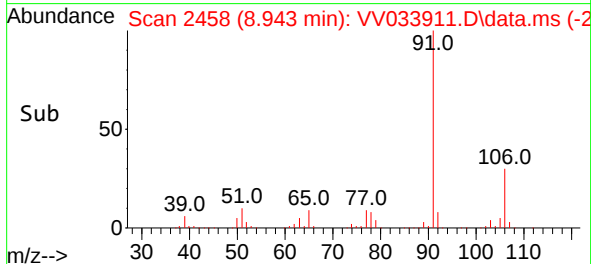
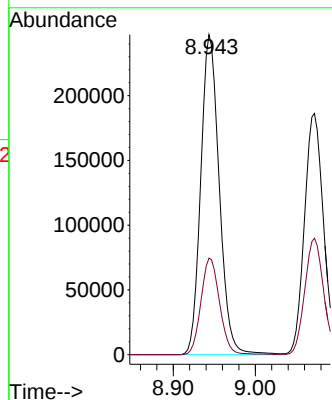
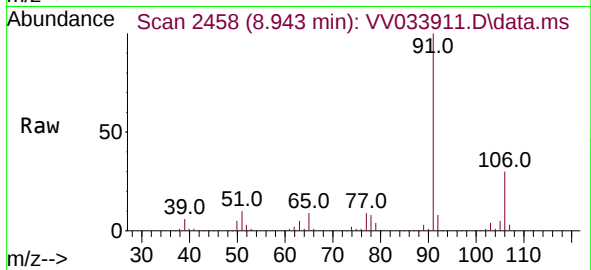




#52
Ethylbenzene
Concen: 48.236 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

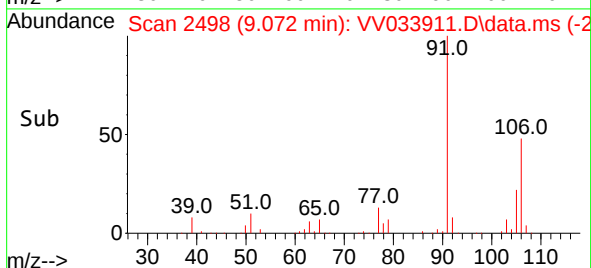
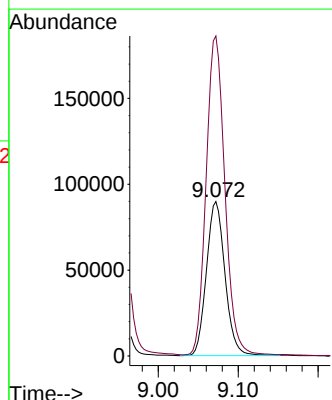
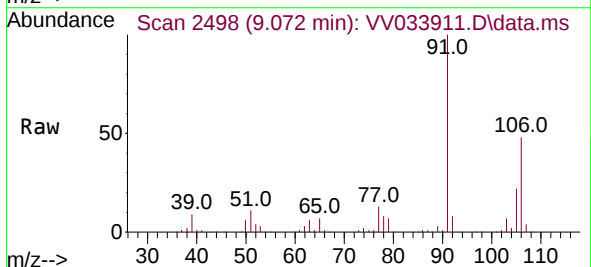
Instrument :
MSVOA_V
ClientSampleId :

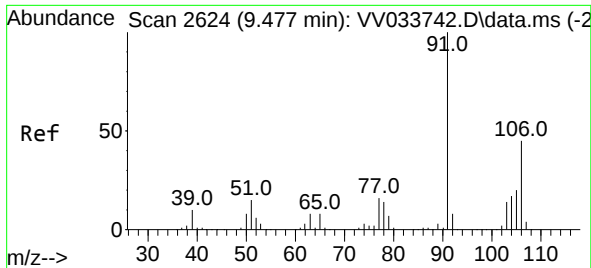
Tgt Ion: 91 Resp: 386924
Ion Ratio Lower Upper
91 100
106 30.2 21.5 39.9



#53
m,p-Xylene
Concen: 48.952 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion:106 Resp: 144966
Ion Ratio Lower Upper
106 100
91 207.2 146.1 271.3

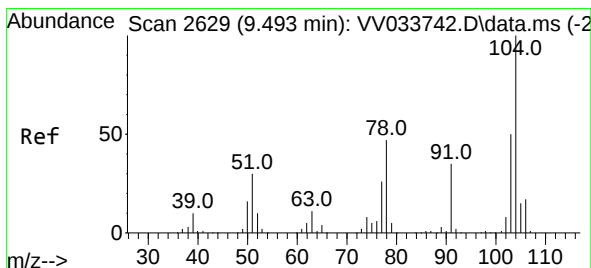
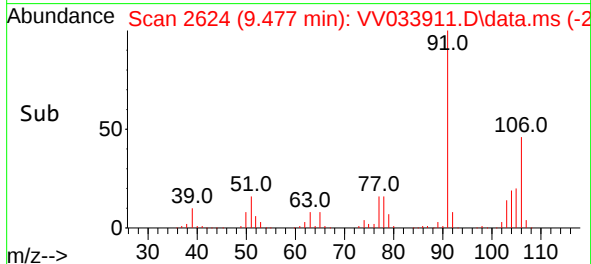
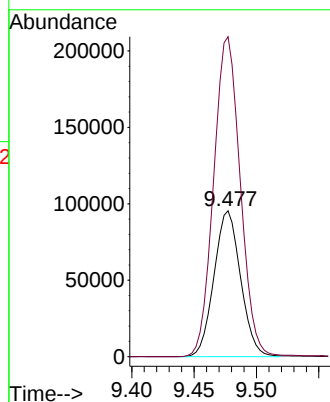
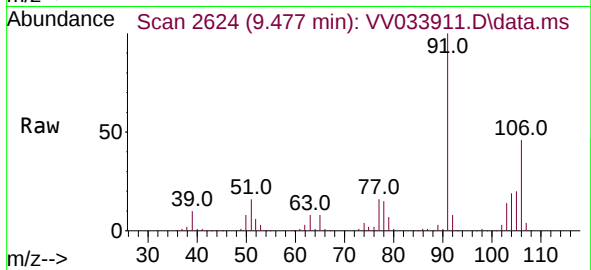




#54
o-Xylene
Concen: 48.348 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

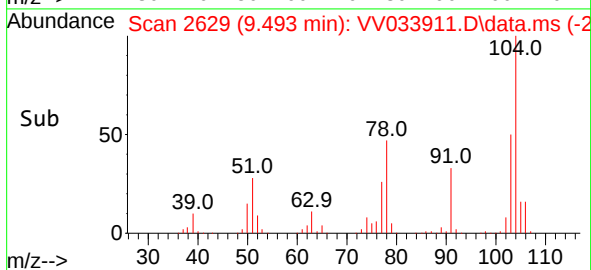
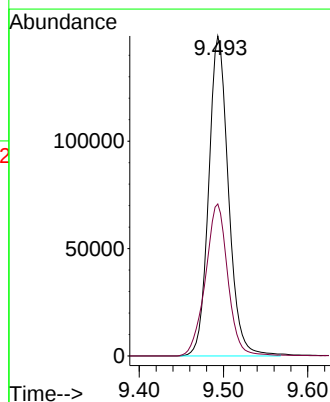
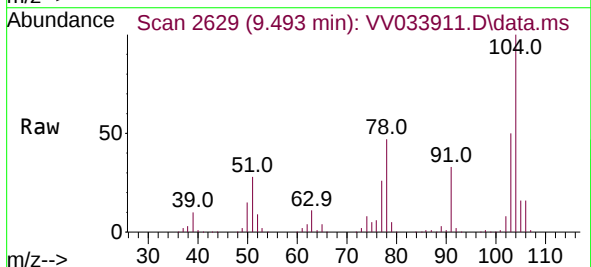
Instrument :
MSVOA_V
ClientSampleId :

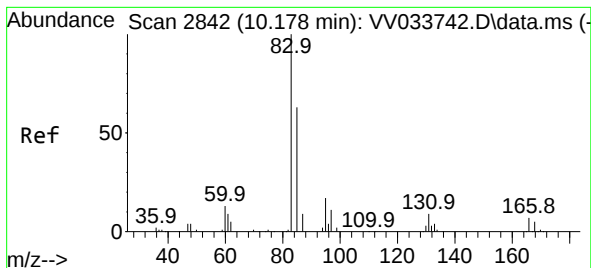
Tgt Ion:106 Resp: 141745
Ion Ratio Lower Upper
106 100
91 219.3 155.2 288.2



#55
Styrene
Concen: 48.139 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion:104 Resp: 243663
Ion Ratio Lower Upper
104 100
78 47.5 33.0 61.4

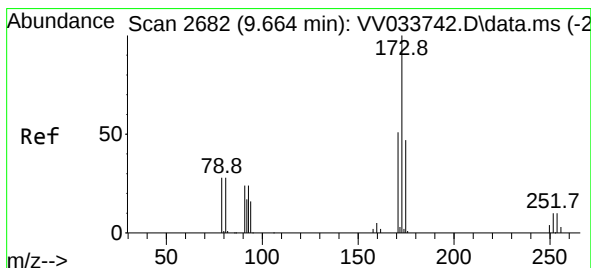
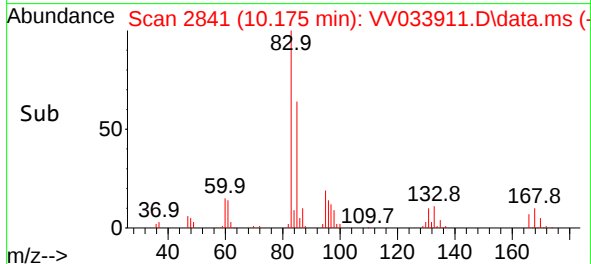
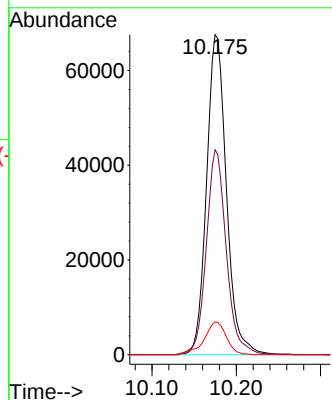
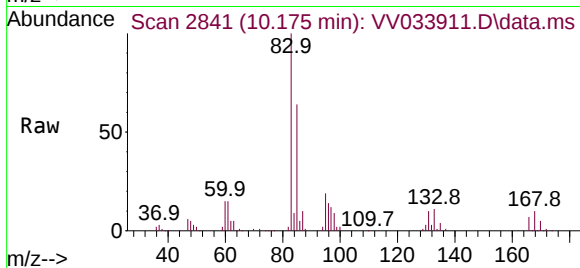




#57
1,1,2,2-Tetrachloroethane
Concen: 42.555 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

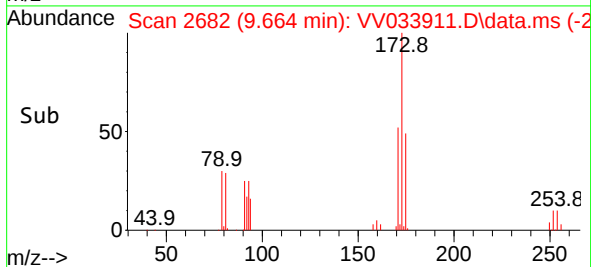
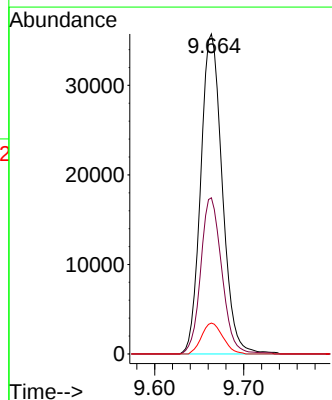
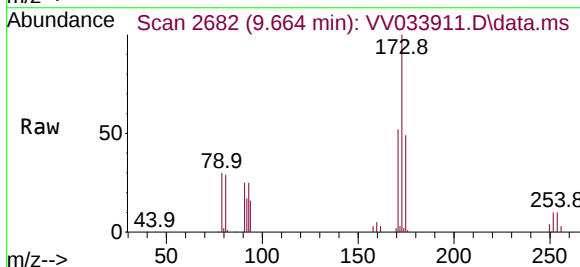
Instrument :
MSVOA_V
ClientSampleId :

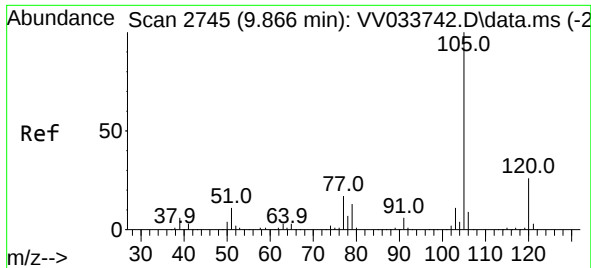
Tgt Ion: 83 Resp: 110783
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.5
131 10.2 7.5 11.3



#59
Bromoform
Concen: 47.080 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion: 173 Resp: 59995
Ion Ratio Lower Upper
173 100
175 47.9 37.2 55.8
254 9.5 7.4 11.0

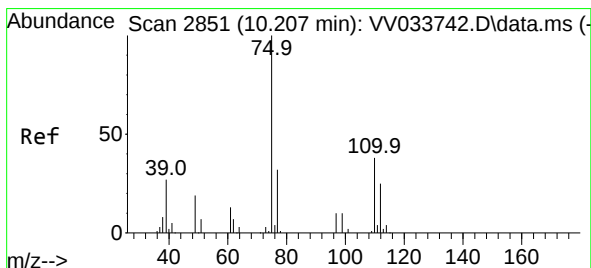
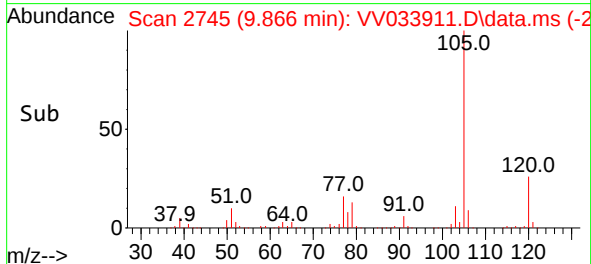
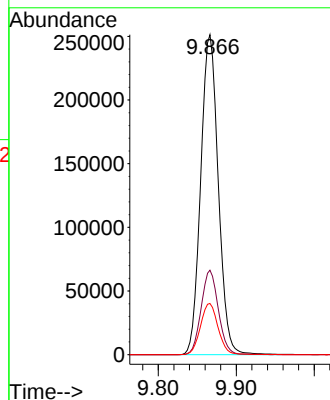
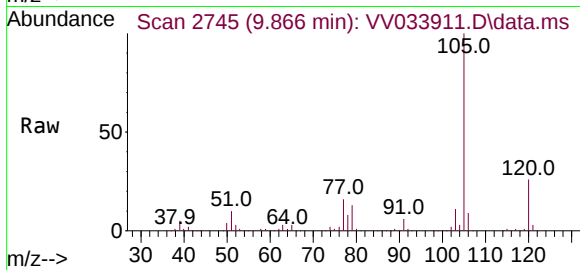




#60
Isopropylbenzene
Concen: 48.499 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

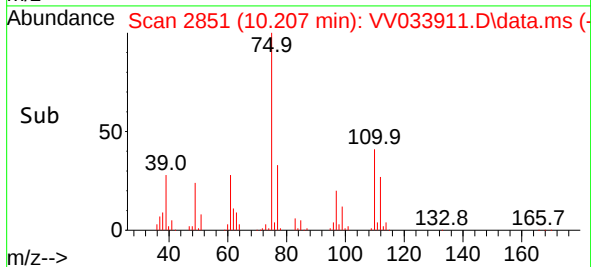
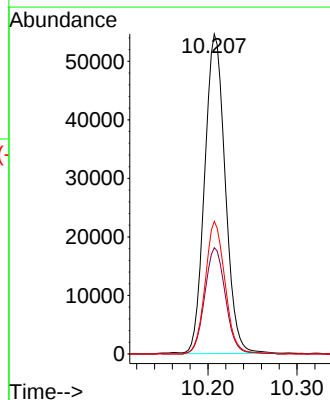
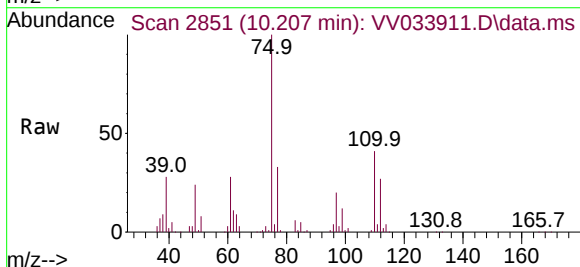
Instrument :
MSVOA_V
ClientSampleId :

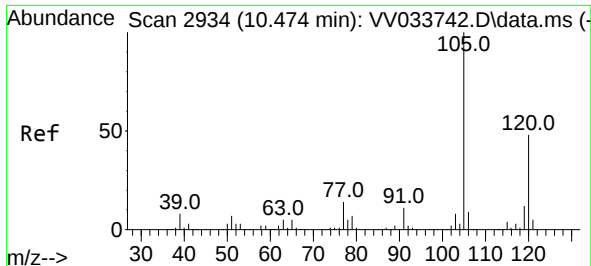
Tgt Ion:105 Resp: 393434
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.1 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 41.101 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion: 75 Resp: 87458
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9
110 40.1 29.5 44.3

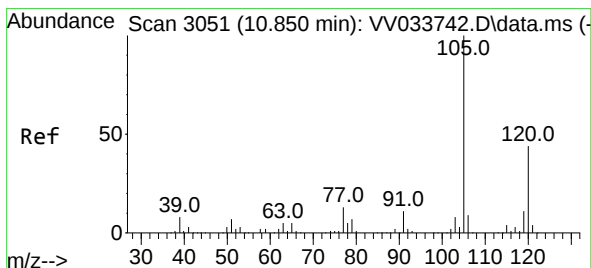
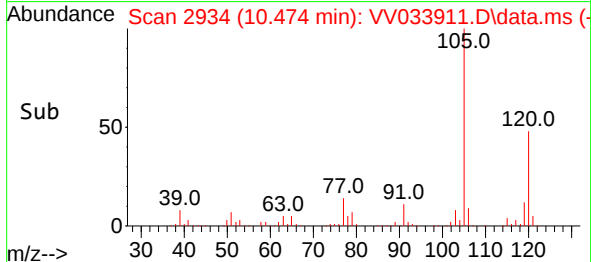
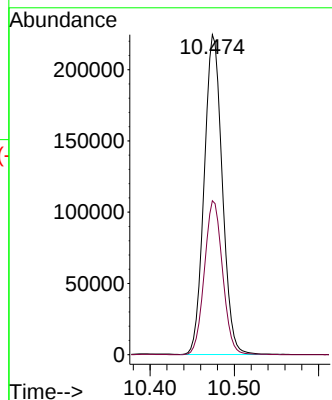
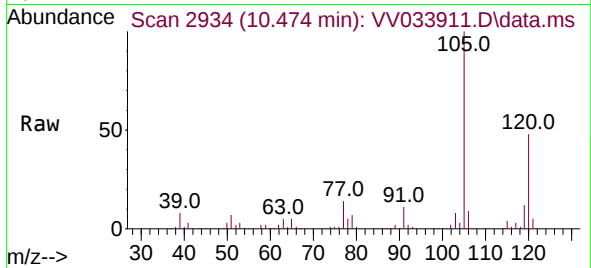




#62
1,3,5-Trimethylbenzene
Concen: 48.199 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

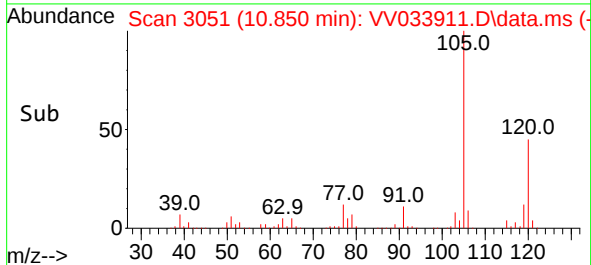
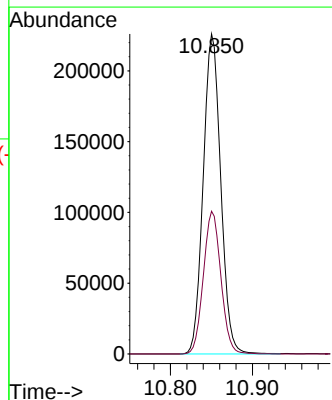
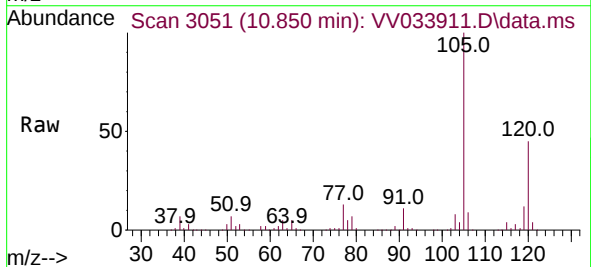
Instrument :
MSVOA_V
ClientSampleId :

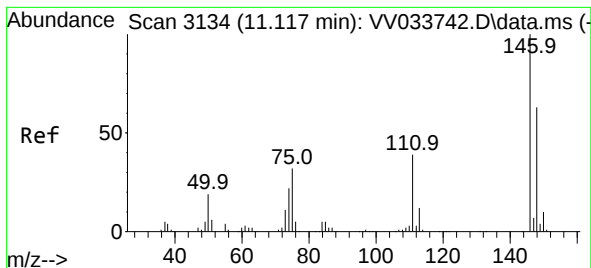
Tgt Ion:105 Resp: 335484
Ion Ratio Lower Upper
105 100
120 48.4 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 48.305 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion:105 Resp: 335004
Ion Ratio Lower Upper
105 100
120 44.6 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 49.578 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

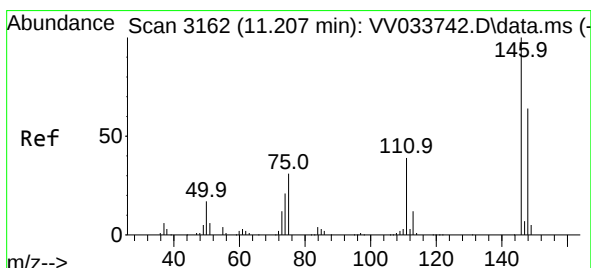
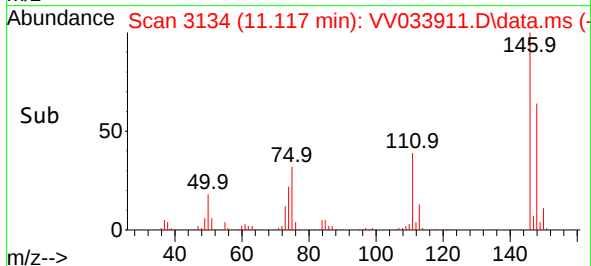
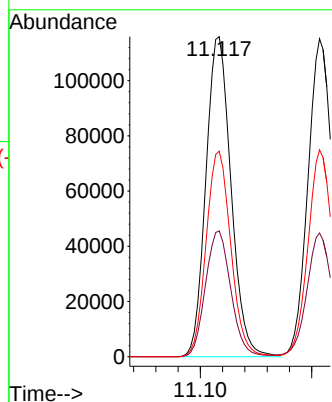
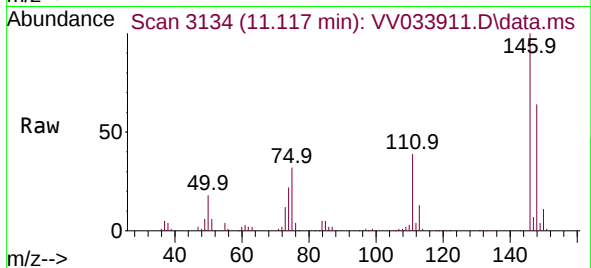
Tgt Ion:146 Resp: 181666

Ion Ratio Lower Upper

146 100

111 39.3 29.0 53.8

148 64.2 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 49.278 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

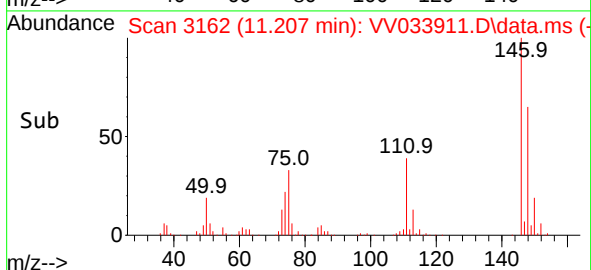
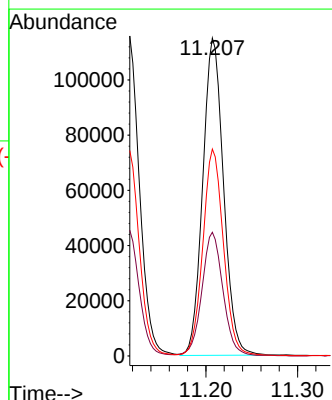
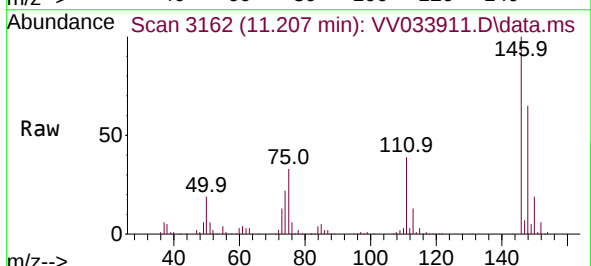
Tgt Ion:146 Resp: 181056

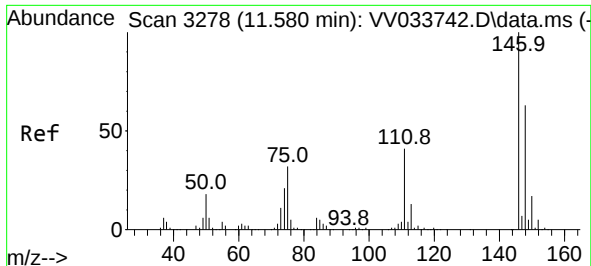
Ion Ratio Lower Upper

146 100

111 38.9 27.7 51.5

148 65.1 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 49.322 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :

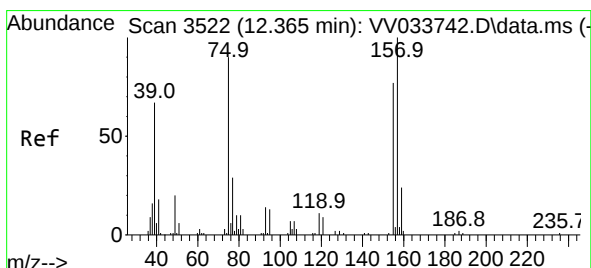
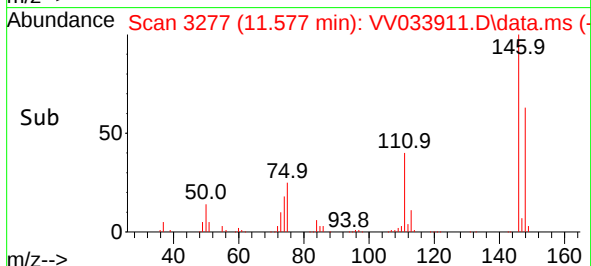
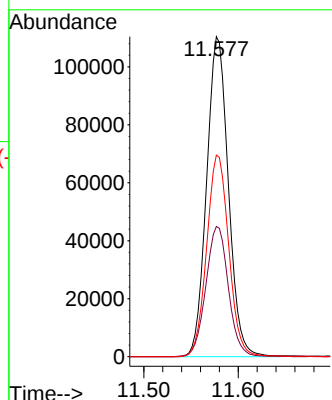
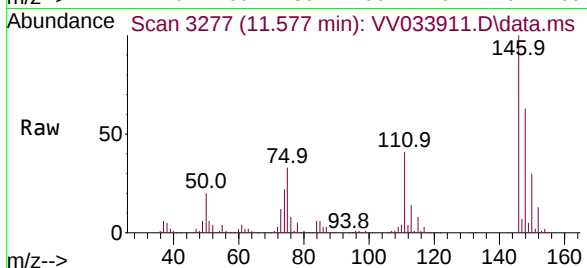
Tgt Ion:146 Resp: 176592

Ion Ratio Lower Upper

146 100

111 40.7 35.4 53.0

148 63.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 40.100 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

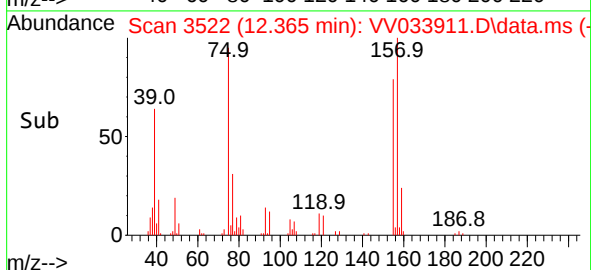
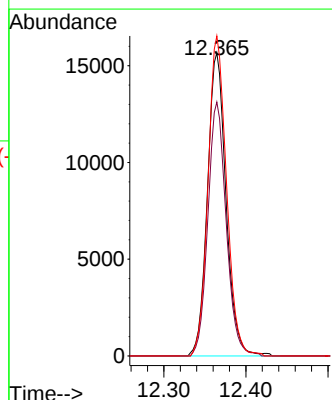
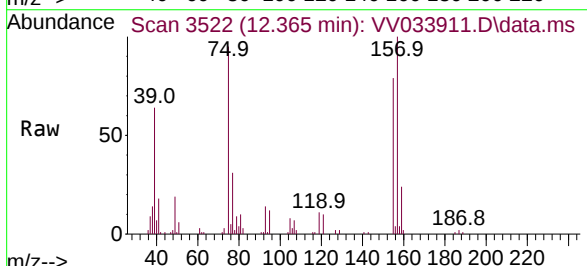
Tgt Ion: 75 Resp: 24623

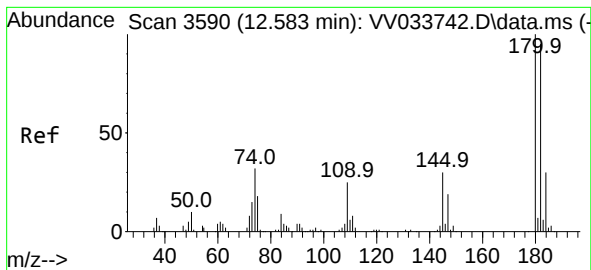
Ion Ratio Lower Upper

75 100

155 83.7 61.6 92.4

157 105.5 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 52.171 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.003 min

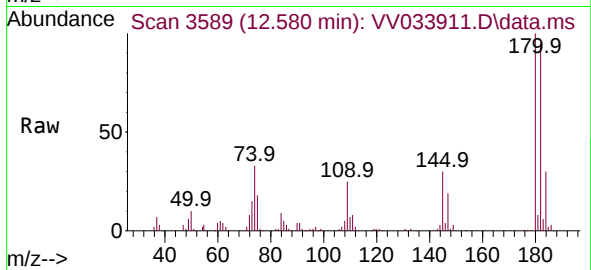
Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 141267

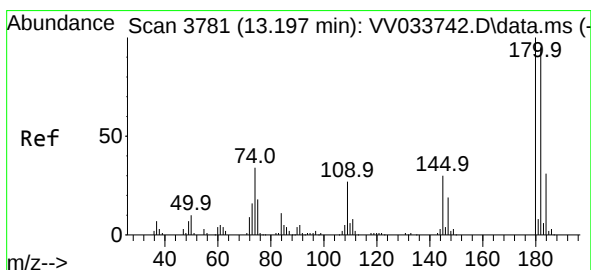
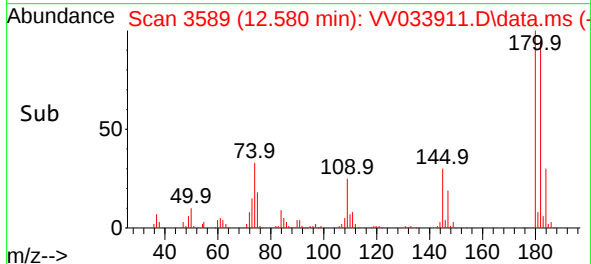
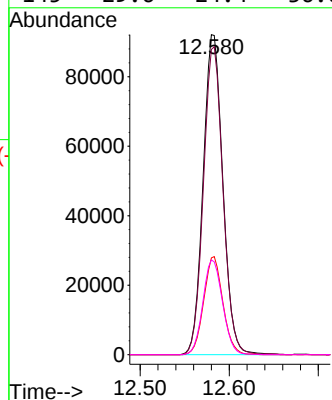
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

184 29.9 23.9 35.9

145 29.6 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 51.374 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033911.D

Acq: 31 Jan 2024 09:12

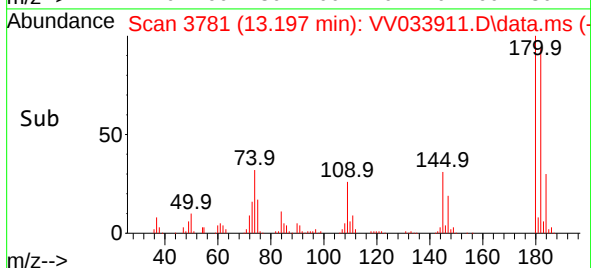
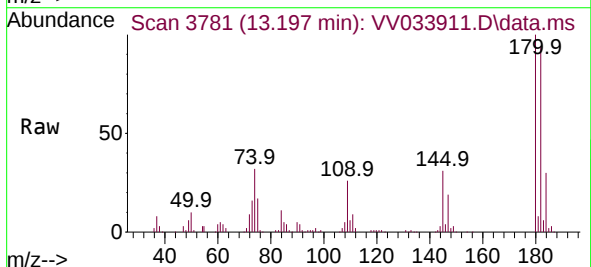
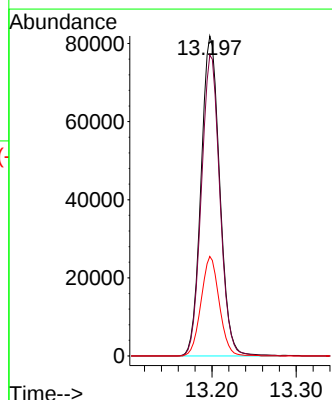
Tgt Ion:180 Resp: 126259

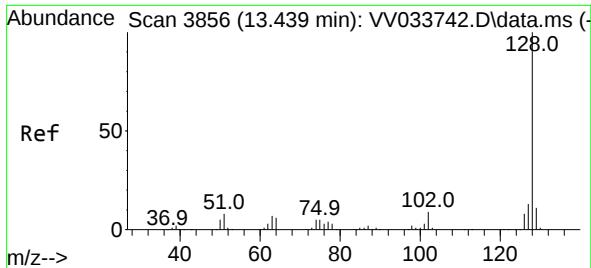
Ion Ratio Lower Upper

180 100

182 93.2 76.3 114.5

145 30.3 25.4 38.0

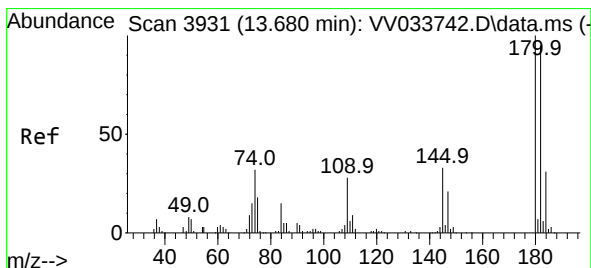
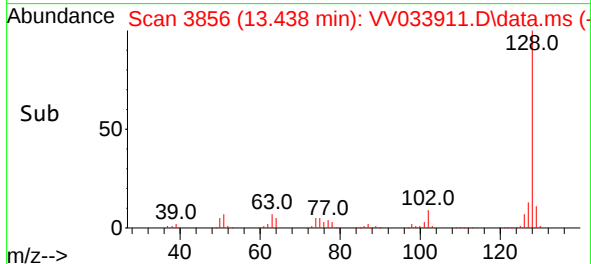
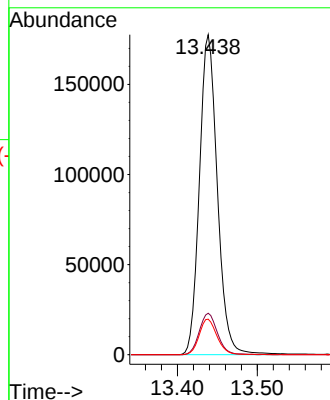
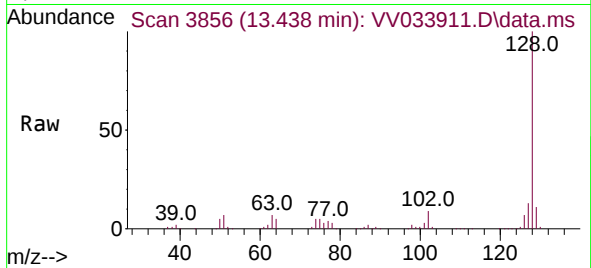




#71
Naphthalene
Concen: 43.168 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 277231
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.380 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033911.D
Acq: 31 Jan 2024 09:12

Tgt Ion:180 Resp: 117862
Ion Ratio Lower Upper
180 100
182 94.9 76.0 114.0
145 31.5 26.3 39.5

