

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011124\
 Data File : VW033581.D
 Acq On : 11 Jan 2024 13:56
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 11 20:45:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 20:44:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	297985	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	144070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	101719	44.416	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.840%
7) Chloroethane-d5	1.529	69	87720	48.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.740%
11) 1,1-Dichloroethene-d2	2.060	65	44920	45.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.160%
21) 2-Butanone-d5	3.780	46	157782	100.445	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.440%
24) Chloroform-d	4.246	84	202967	49.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.120%
26) 1,2-Dichloroethane-d4	4.937	65	134817	50.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.900%
32) Benzene-d6	4.957	84	391251	48.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.660%
36) 1,2-Dichloropropane-d6	5.985	67	129647	49.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.300%
41) Toluene-d8	7.239	98	348990	48.336	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	7.548	79	67178	51.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.060%
47) 2-Hexanone-d5	8.021	63	110127	100.653	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.650%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	162299	48.197	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	134938	49.366	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	104693	42.232	ug/L	100
3) Chloromethane	1.214	50	138734	49.215	ug/L	99
5) Vinyl chloride	1.285	62	123076	45.639	ug/L	100
6) Bromomethane	1.484	94	74054	52.543	ug/L	100
8) Chloroethane	1.548	64	80736	50.207	ug/L	99
9) Trichlorofluoromethane	1.712	101	149095	46.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87825	46.323	ug/L	100
12) 1,1-Dichloroethene	2.069	96	85504	47.811	ug/L	99
13) Acetone	2.108	43	141237	94.039	ug/L	100
14) Carbon disulfide	2.240	76	286169	47.081	ug/L	100
15) Methyl Acetate	2.368	43	133376	54.307	ug/L #	100
16) Methylene chloride	2.445	84	113542	52.043	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	97787	48.950	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	389082	54.154	ug/L	100
19) 1,1-Dichloroethane	3.108	63	214743	52.580	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	116929	52.592	ug/L	98
22) 2-Butanone	3.860	43	181522	99.512	ug/L	95
23) Bromochloromethane	4.143	128	56714	52.508	ug/L	97
25) Chloroform	4.272	83	203311	52.505	ug/L	98

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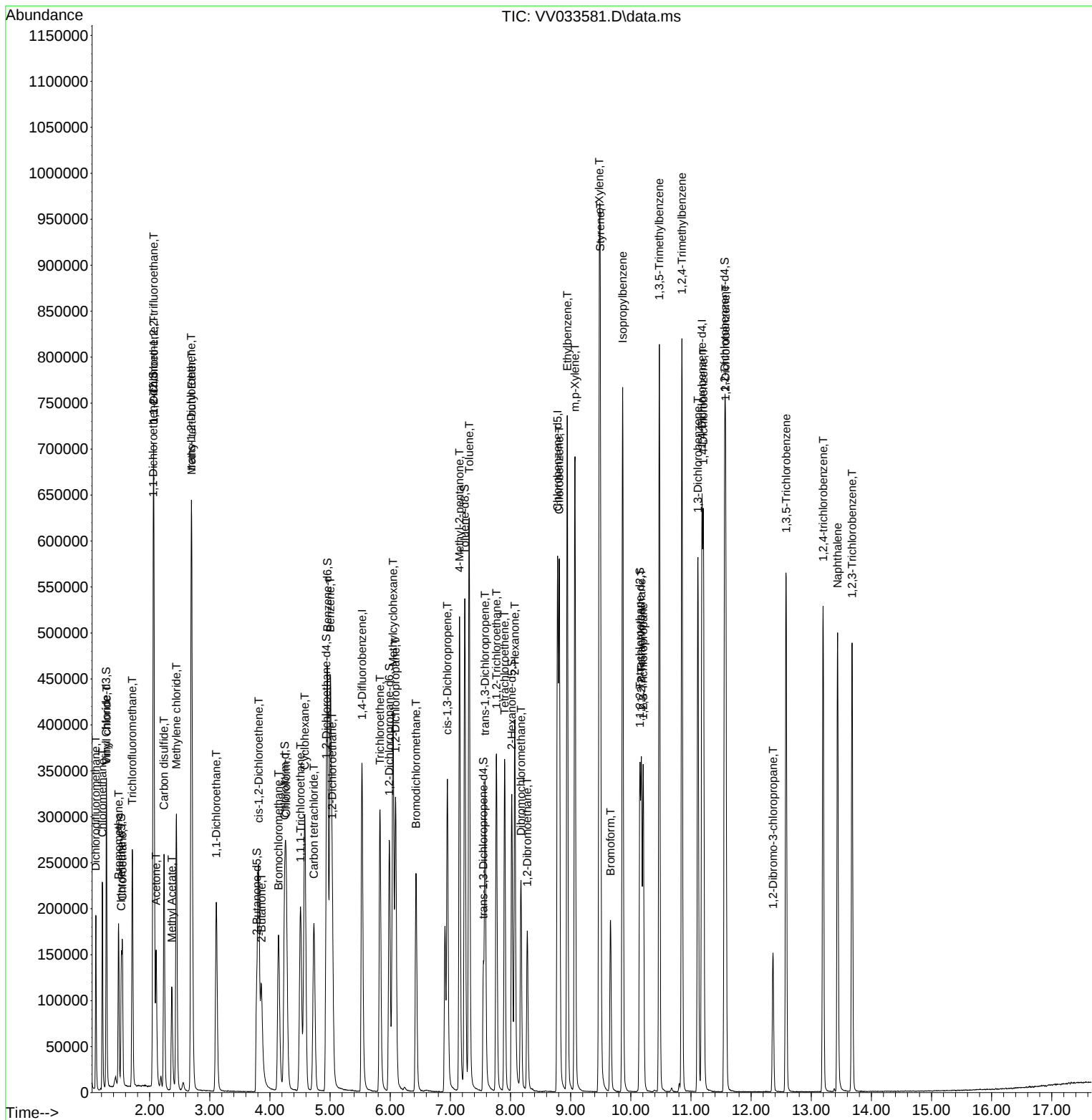
Instrument :
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 ClientSampleId :

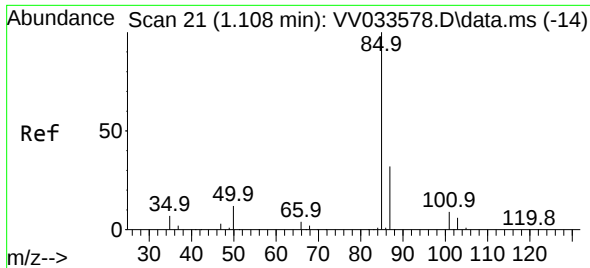
Quant Time: Jan 11 20:45:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 20:44:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	176551	54.587	ug/L	99
29) Cyclohexane	4.580	56	182818	46.007	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	165733	48.996	ug/L	99
31) Carbon tetrachloride	4.731	117	137936	47.774	ug/L	100
33) Benzene	5.005	78	426582	51.527	ug/L	100
34) Trichloroethene	5.831	95	111538	50.224	ug/L	99
35) Methylcyclohexane	6.047	83	172912	45.496	ug/L	100
37) 1,2-Dichloropropane	6.088	63	121882	53.500	ug/L	100
38) Bromodichloromethane	6.429	83	159794	53.617	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	202996	53.359	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	356904	105.728	ug/L	100
42) Toluene	7.313	91	445171	50.868	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	189345	54.009	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	111112	53.753	ug/L	99
46) Tetrachloroethene	7.902	164	77039	47.295	ug/L	100
48) 2-Hexanone	8.072	43	271299	100.863	ug/L	98
49) Dibromochloromethane	8.175	129	114894	53.368	ug/L	98
50) 1,2-Dibromoethane	8.278	107	116301	53.241	ug/L	100
51) Chlorobenzene	8.812	112	284823	51.093	ug/L	98
52) Ethylbenzene	8.944	91	497588	49.089	ug/L	99
53) m,p-Xylene	9.072	106	184971	49.429	ug/L	99
54) o-Xylene	9.477	106	185692	50.123	ug/L	98
55) Styrene	9.493	104	322790	50.466	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	168727	51.290	ug/L	99
59) Bromoform	9.664	173	82505	53.882	ug/L	97
60) Isopropylbenzene	9.866	105	485706	49.828	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	138652	54.227	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	414136	49.517	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	420060	50.407	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	219390	49.828	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	222878	50.484	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	224306	52.138	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	38980	52.830	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	162521	49.951	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	148934	50.433	ug/L	99
71) Naphthalene	13.438	128	374600	48.544	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	135774	49.258	ug/L	100

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

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QLast Update : Thu Jan 11 20:44:19 2024
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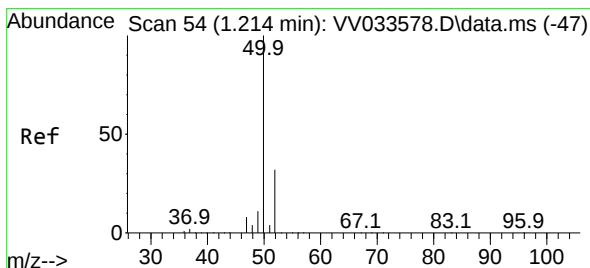
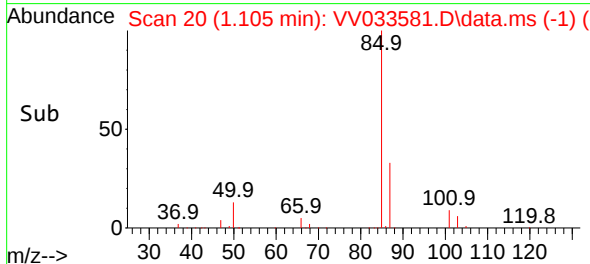
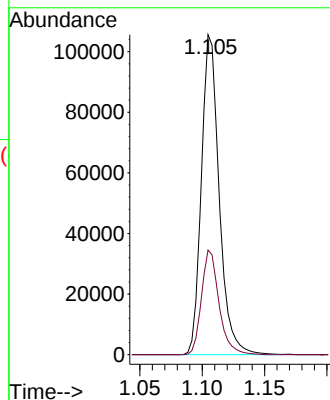
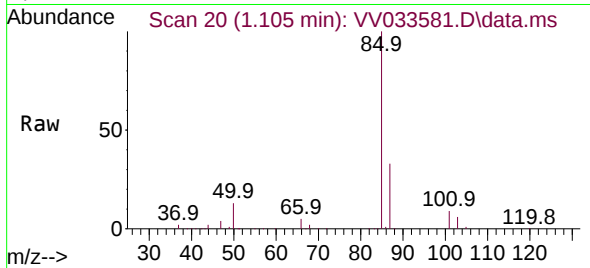




#2
Dichlorodifluoromethane
Concen: 42.232 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

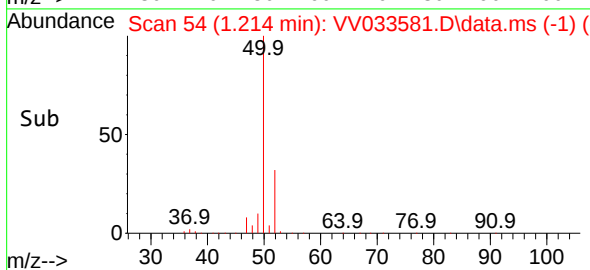
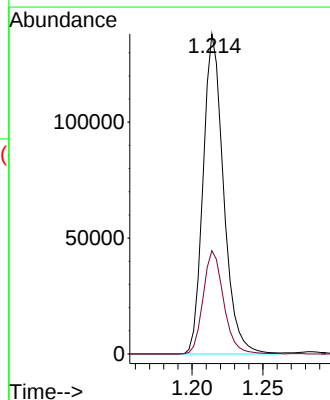
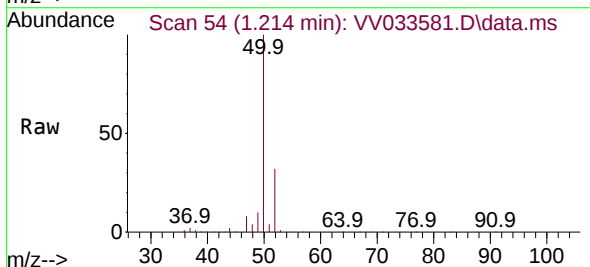
Instrument :
MSVOA_V
ClientSampleId :

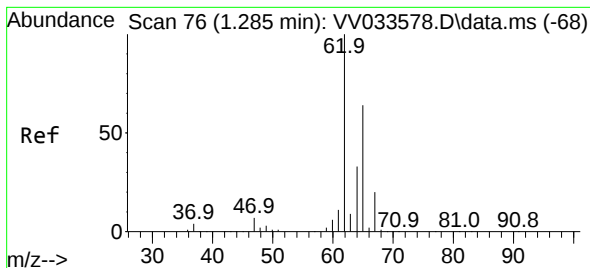
Tgt Ion: 85 Resp: 104693
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.6



#3
Chloromethane
Concen: 49.215 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion: 50 Resp: 138734
Ion Ratio Lower Upper
50 100
52 32.3 22.8 42.4





#5

Vinyl chloride

Concen: 45.639 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

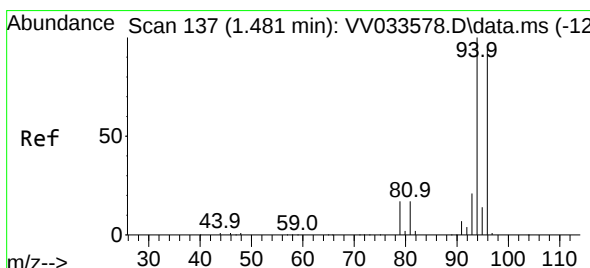
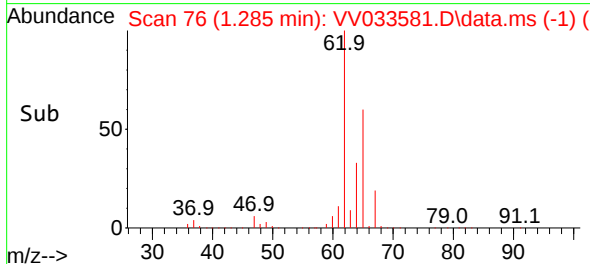
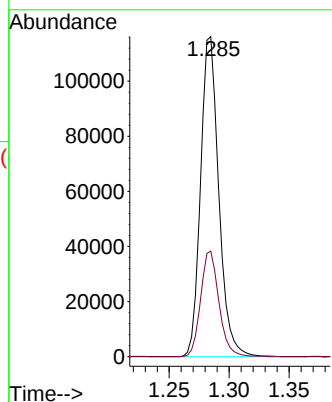
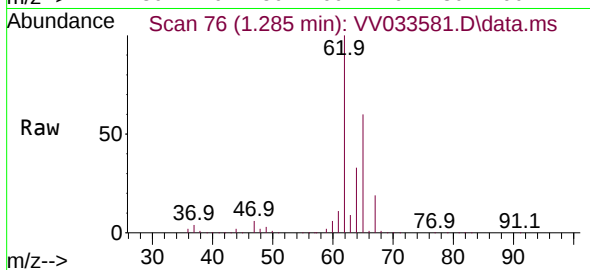
ClientSampleId :

Tgt Ion: 62 Resp: 123076

Ion Ratio Lower Upper

62 100

64 33.0 23.2 43.0



#6

Bromomethane

Concen: 52.543 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.003 min

Lab File: VV033581.D

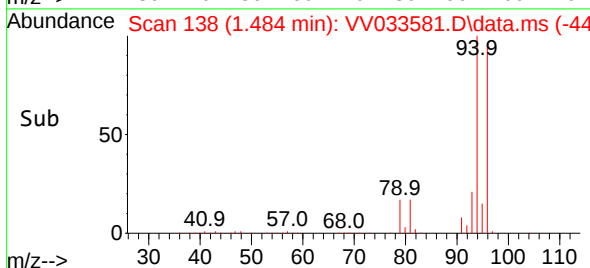
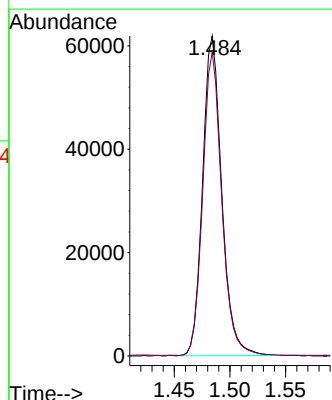
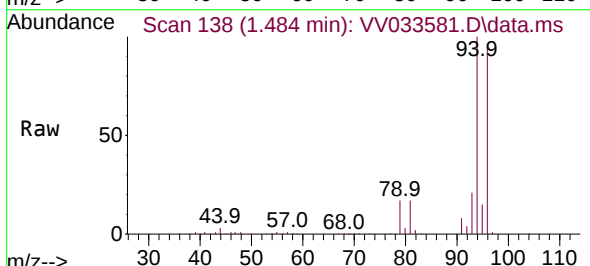
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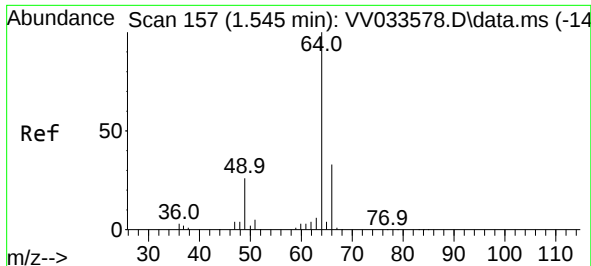
Tgt Ion: 94 Resp: 74054

Ion Ratio Lower Upper

94 100

96 94.9 66.4 123.2

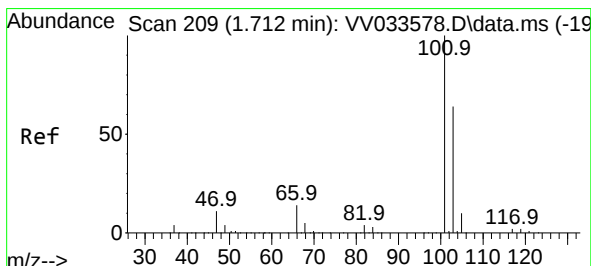
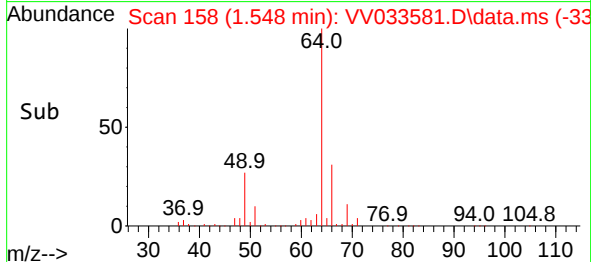
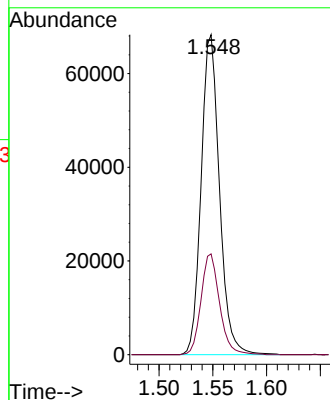
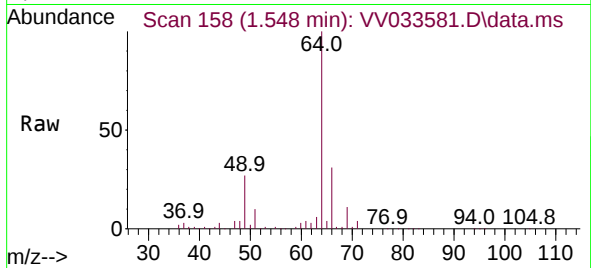




#8
Chloroethane
Concen: 50.207 ug/L
RT: 1.548 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

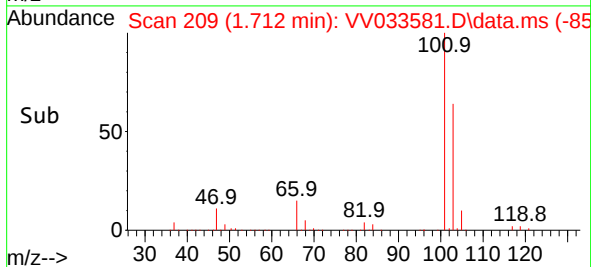
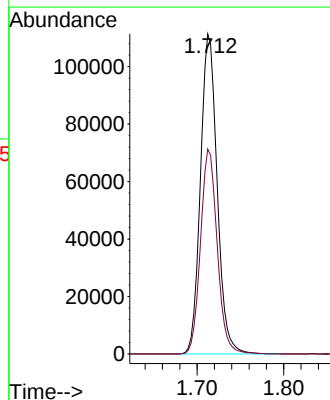
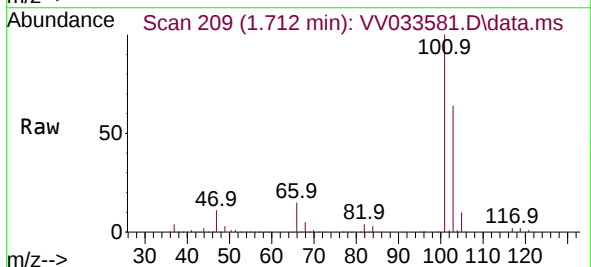
Instrument :
MSVOA_V
ClientSampleId :

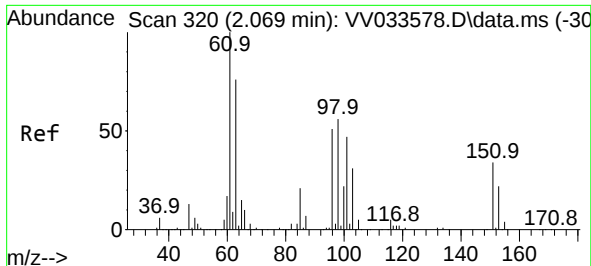
Tgt Ion: 64 Resp: 80736
Ion Ratio Lower Upper
64 100
66 31.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 46.331 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion:101 Resp: 149095
Ion Ratio Lower Upper
101 100
103 63.9 51.3 76.9

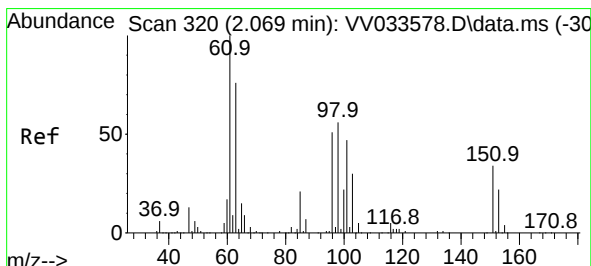
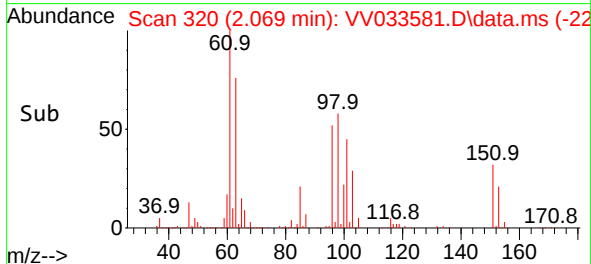
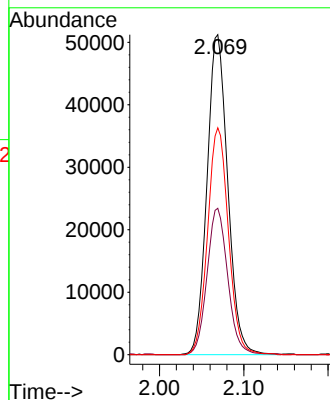
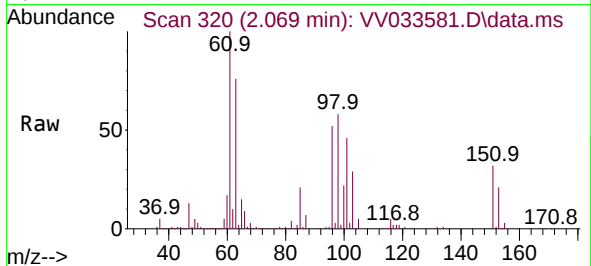




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.323 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033581.D
 Acq: 11 Jan 2024 13:56

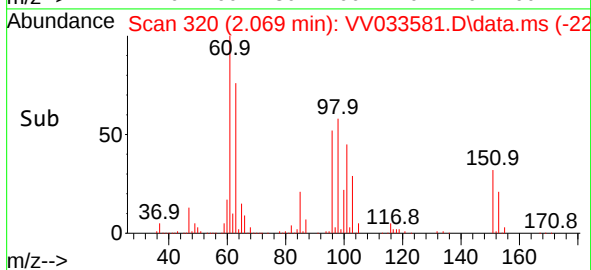
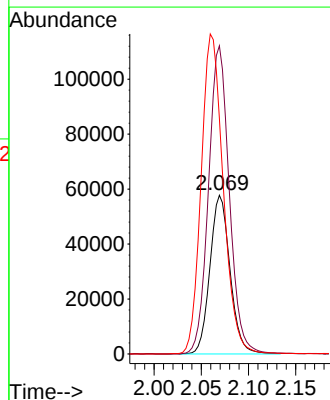
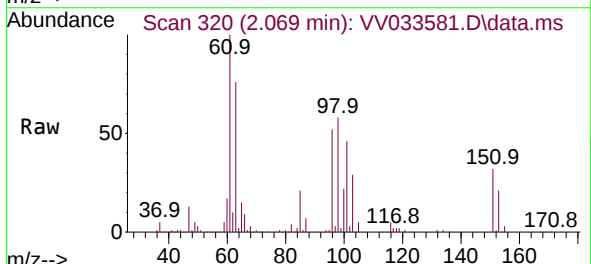
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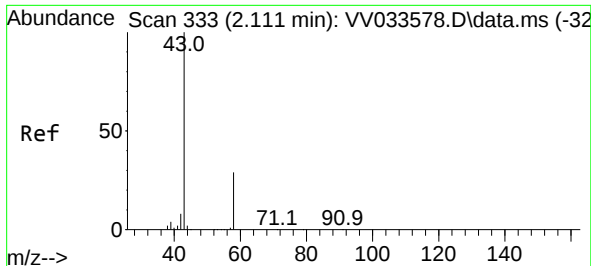
Tgt Ion:101 Resp: 87825
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.2 54.4
 151 71.0 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 47.811 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV033581.D
 Acq: 11 Jan 2024 13:56

Tgt Ion: 96 Resp: 85504
 Ion Ratio Lower Upper
 96 100
 61 194.0 134.0 248.8
 63 148.2 103.4 192.0





#13

Acetone

Concen: 94.039 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

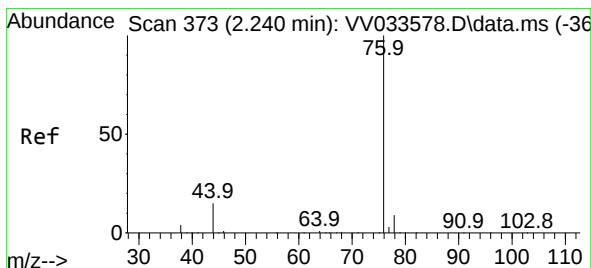
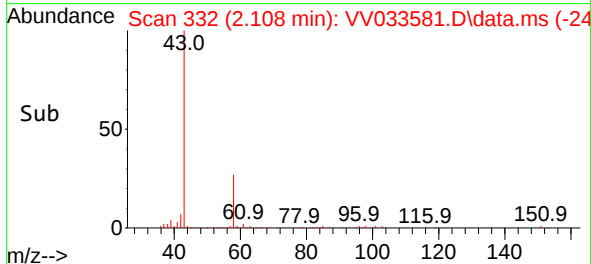
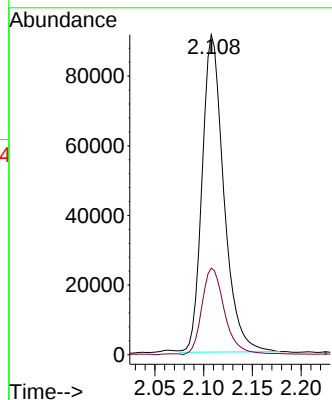
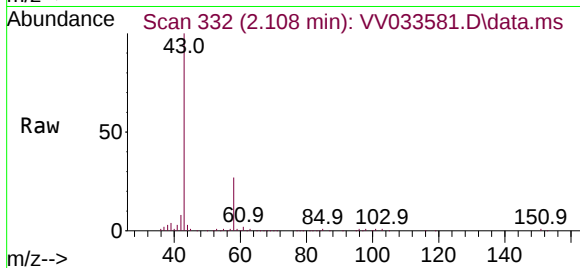
ClientSampleId :

Tgt Ion: 43 Resp: 141237

Ion Ratio Lower Upper

43 100

58 28.6 0.0 57.2



#14

Carbon disulfide

Concen: 47.081 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV033581.D

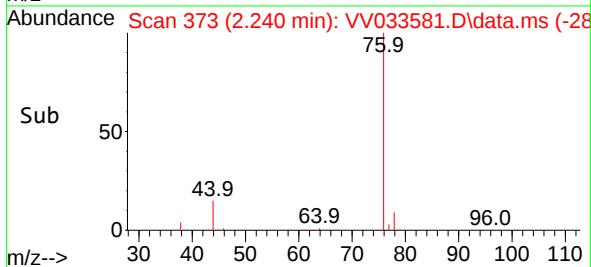
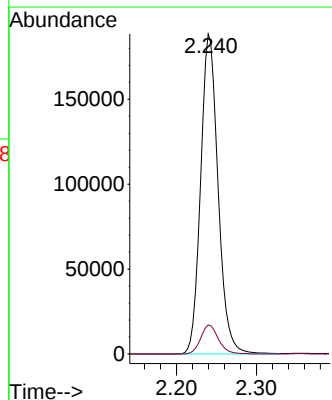
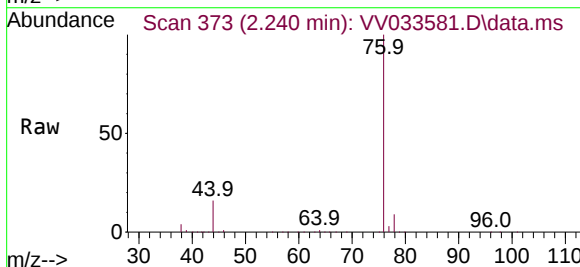
Acq: 11 Jan 2024 13:56

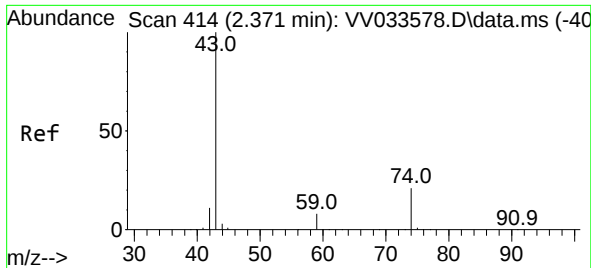
Tgt Ion: 76 Resp: 286169

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

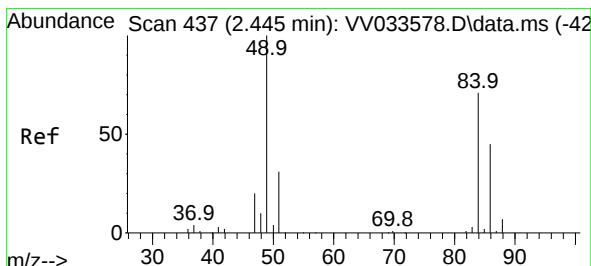
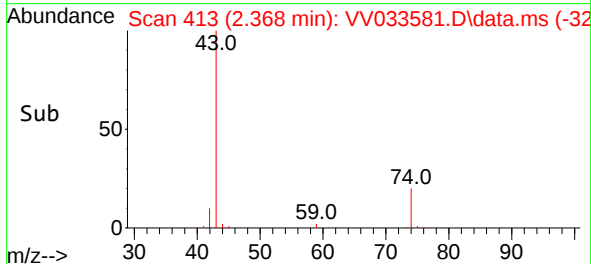
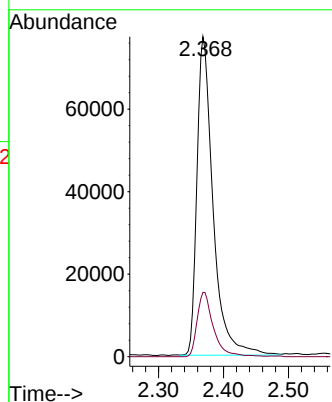
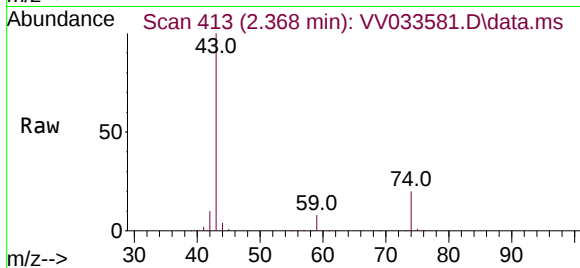




#15
Methyl Acetate
Concen: 54.307 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

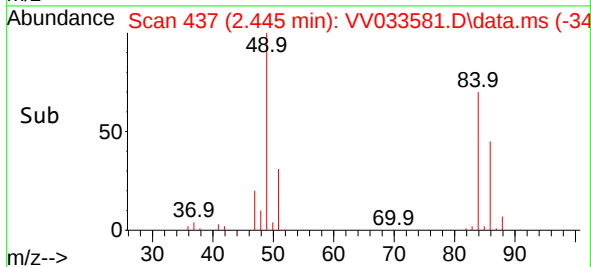
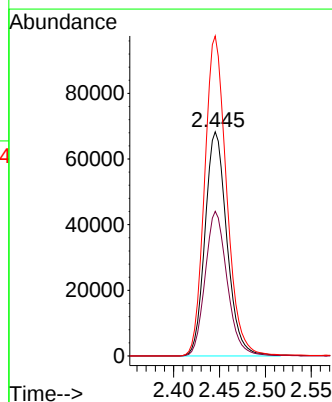
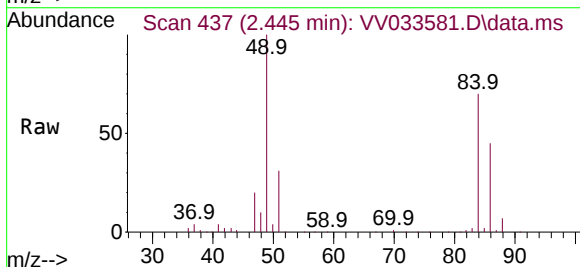
Instrument :
MSVOA_V
ClientSampleId :

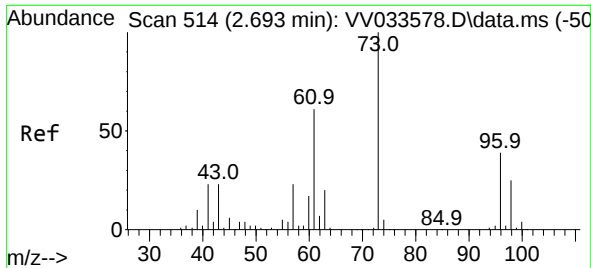
Tgt Ion: 43 Resp: 133376
Ion Ratio Lower Upper
43 100
74 20.1 0.0 0.0#



#16
Methylene chloride
Concen: 52.043 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion: 84 Resp: 113542
Ion Ratio Lower Upper
84 100
86 64.5 43.9 81.5
49 142.7 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 48.950 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

ClientSampleId :

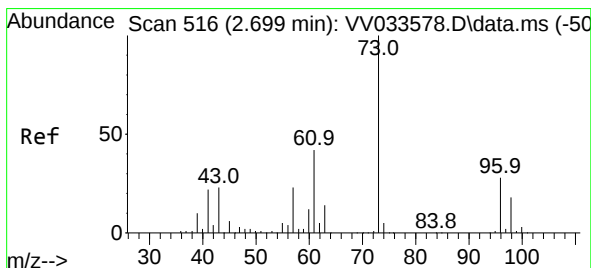
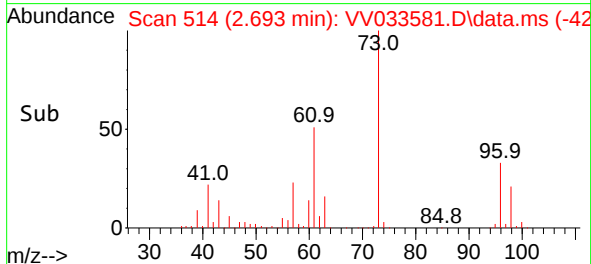
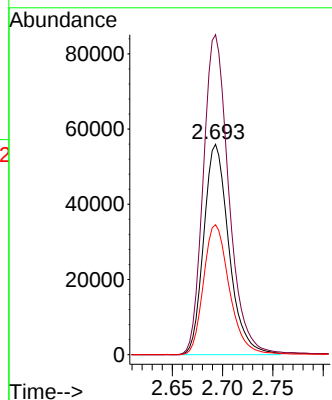
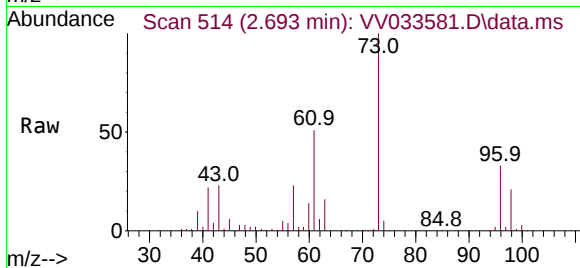
Tgt Ion: 96 Resp: 97787

Ion Ratio Lower Upper

96 100

61 152.1 108.4 201.4

98 61.8 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 54.154 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

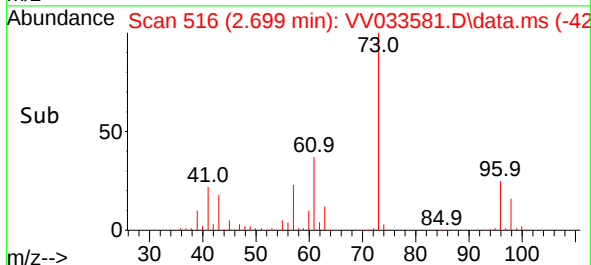
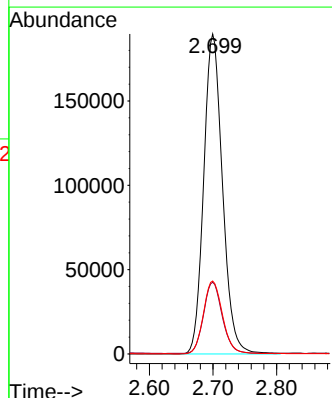
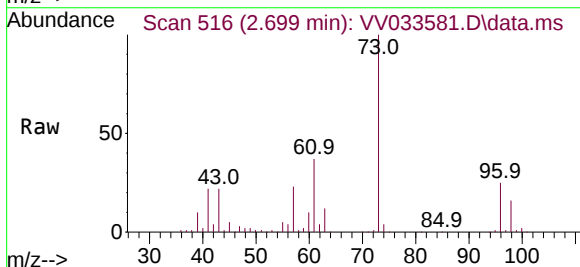
Tgt Ion: 73 Resp: 389082

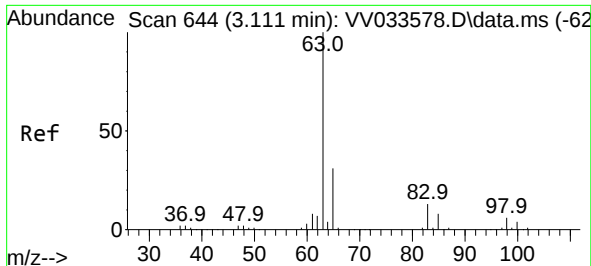
Ion Ratio Lower Upper

73 100

43 22.1 17.4 26.2

57 23.4 18.6 27.8





#19

1,1-Dichloroethane

Concen: 52.580 ug/L

RT: 3.108 min Scan# 644

Delta R.T. -0.003 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

ClientSampleId :

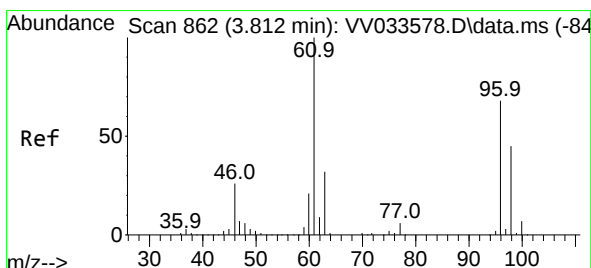
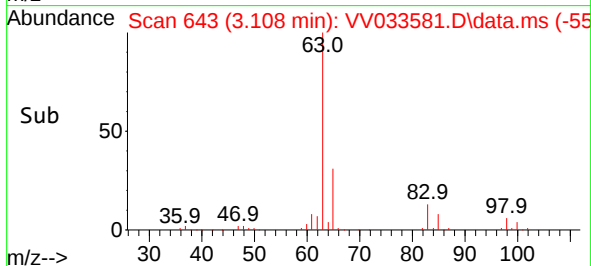
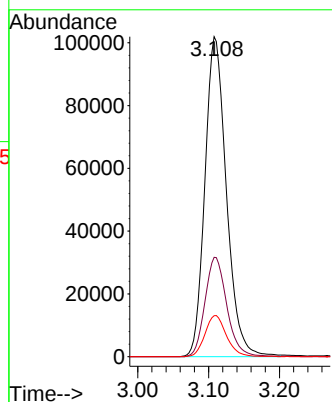
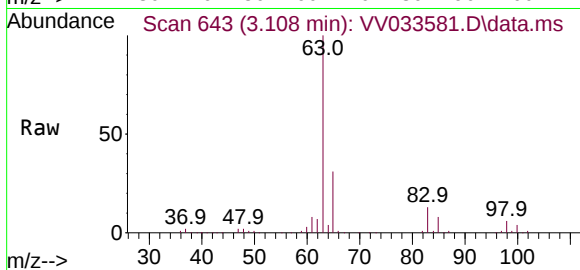
Tgt Ion: 63 Resp: 214743

Ion Ratio Lower Upper

63 100

65 31.1 22.4 41.6

83 12.8 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 52.592 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

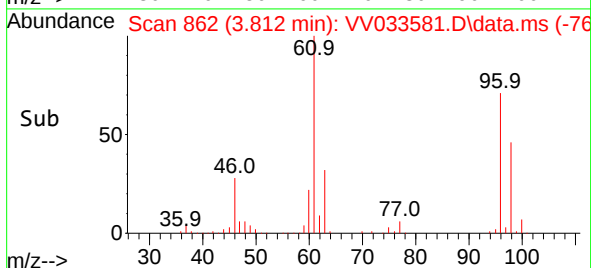
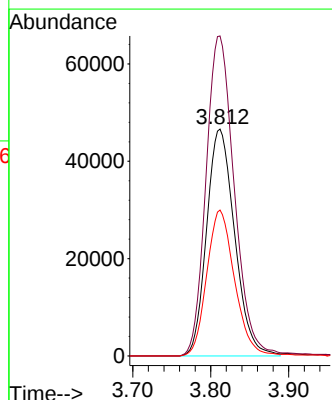
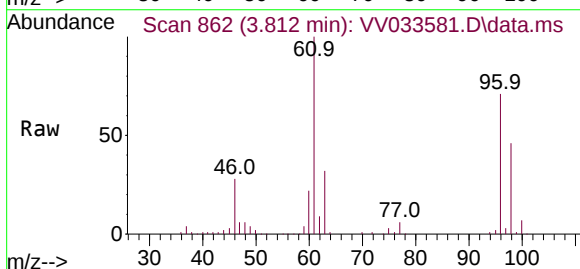
Tgt Ion: 96 Resp: 116929

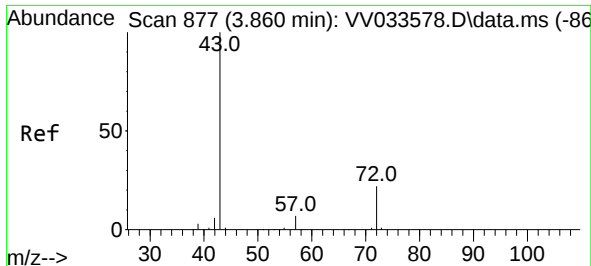
Ion Ratio Lower Upper

96 100

61 141.0 100.6 186.8

98 64.3 44.6 82.8

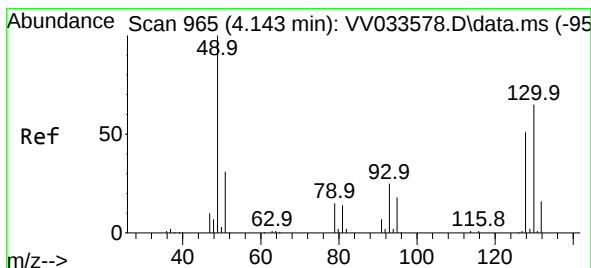
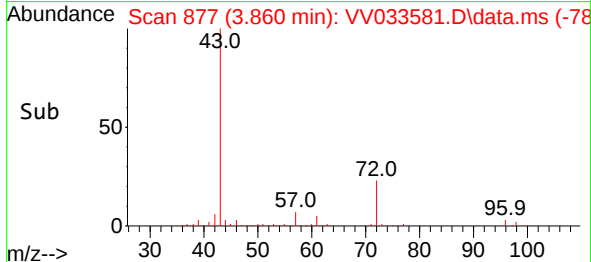
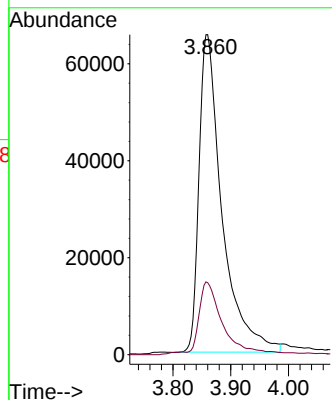
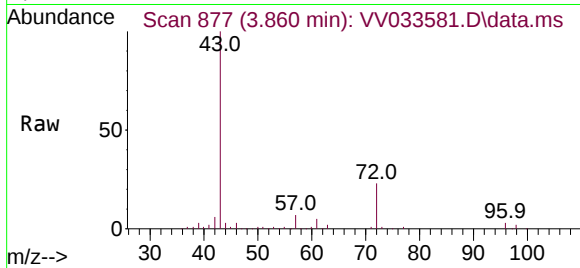




#22
2-Butanone
Concen: 99.512 ug/L
RT: 3.860 min Scan# 877
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

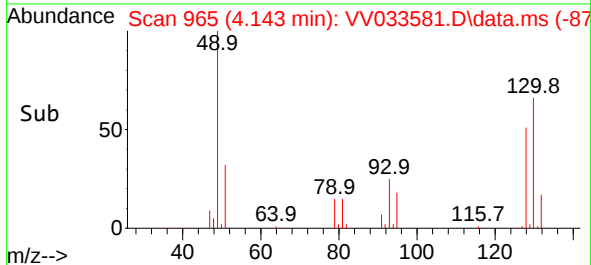
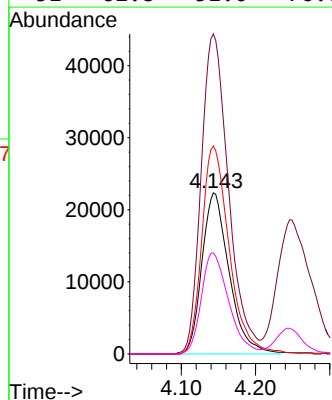
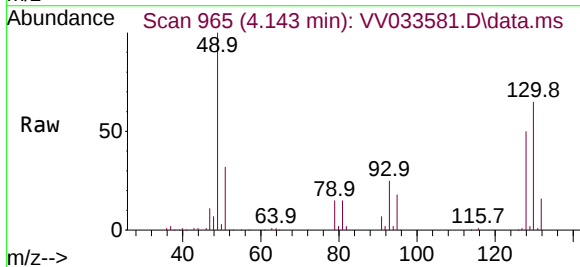
Instrument :
MSVOA_V
ClientSampleId :

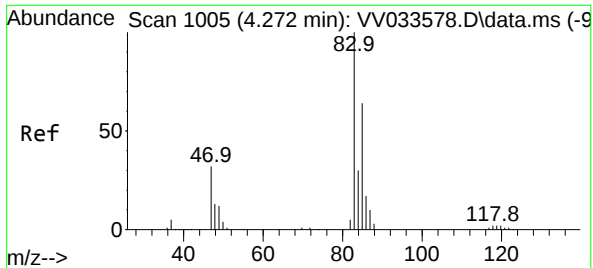
Tgt Ion: 43 Resp: 181522
Ion Ratio Lower Upper
43 100
72 21.4 11.9 35.5



#23
Bromochloromethane
Concen: 52.508 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion:128 Resp: 56714
Ion Ratio Lower Upper
128 100
49 198.6 143.9 267.2
130 129.1 90.6 168.2
51 62.8 51.0 76.6

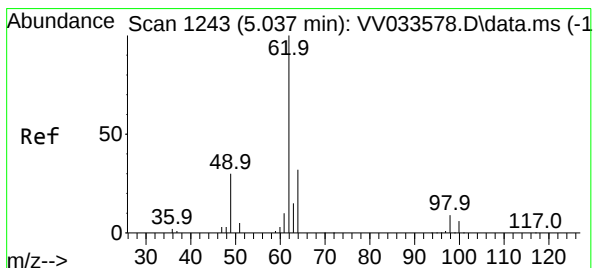
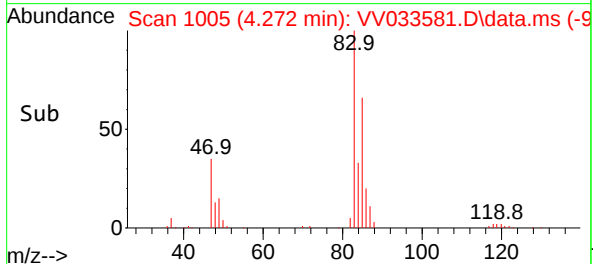
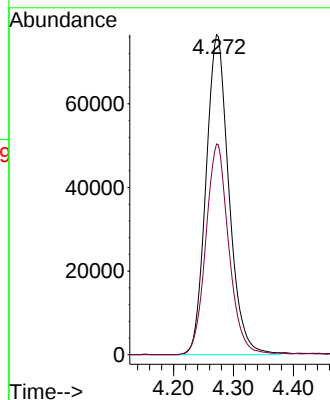
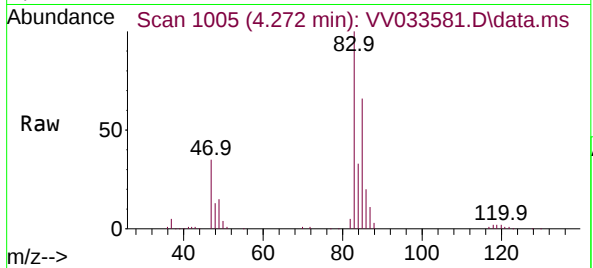




#25
Chloroform
Concen: 52.505 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

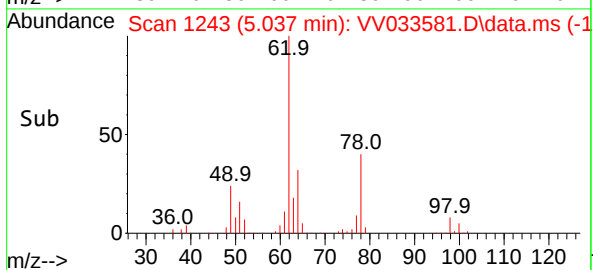
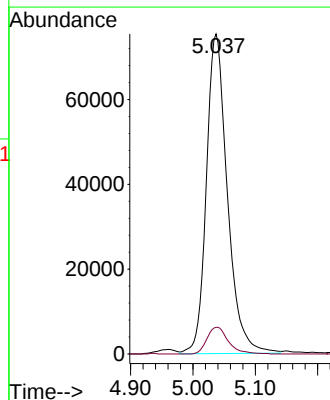
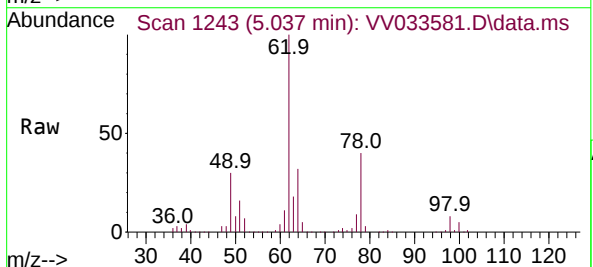
Instrument :
MSVOA_V
ClientSampleId :

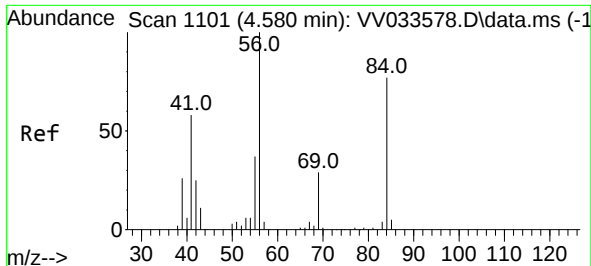
Tgt Ion: 83 Resp: 203311
Ion Ratio Lower Upper
83 100
85 65.9 45.1 83.9



#27
1,2-Dichloroethane
Concen: 54.587 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion: 62 Resp: 176551
Ion Ratio Lower Upper
62 100
98 8.3 6.8 10.2





#29

Cyclohexane

Concen: 46.007 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

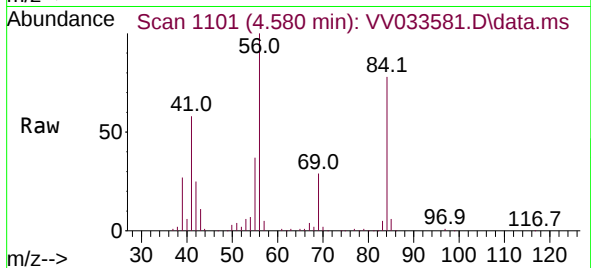
Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

ClientSampleId :



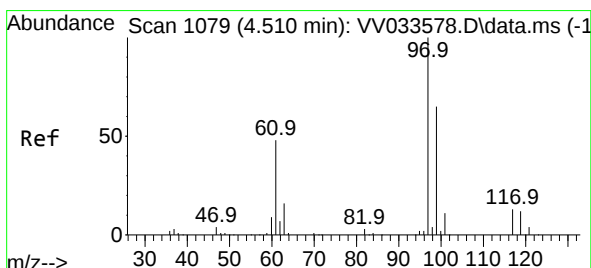
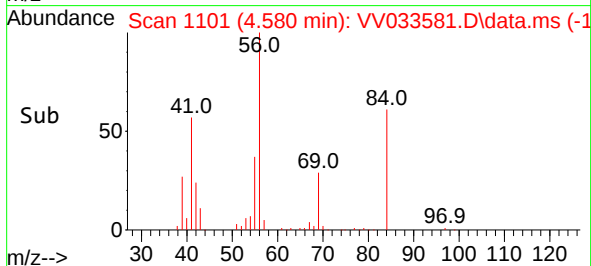
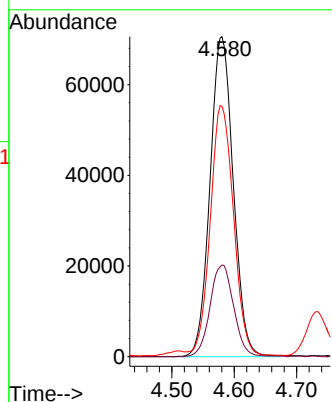
Tgt Ion: 56 Resp: 182818

Ion Ratio Lower Upper

56 100

69 29.1 23.8 35.6

84 77.4 63.8 95.6



#30

1,1,1-Trichloroethane

Concen: 48.996 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

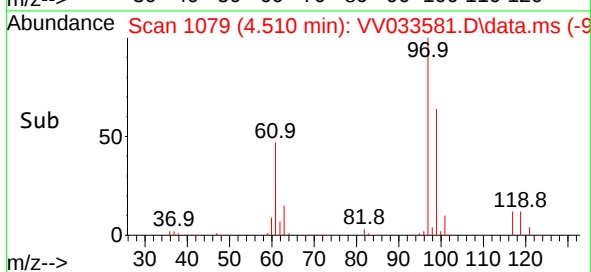
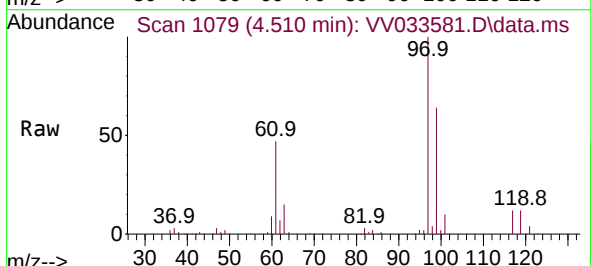
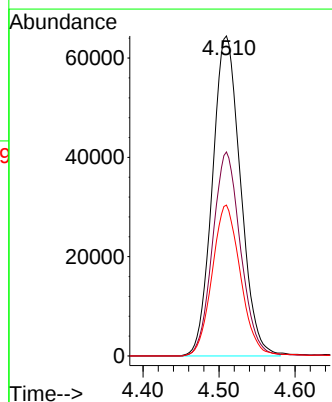
Tgt Ion: 97 Resp: 165733

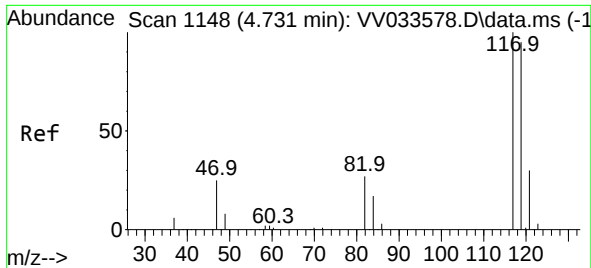
Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.0

61 47.5 38.2 57.2

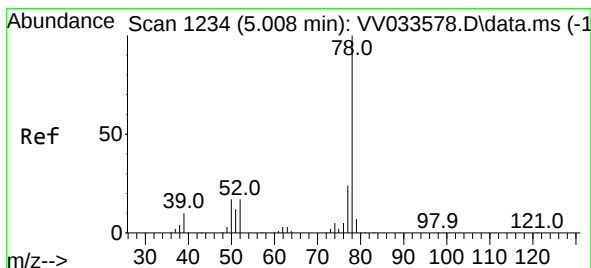
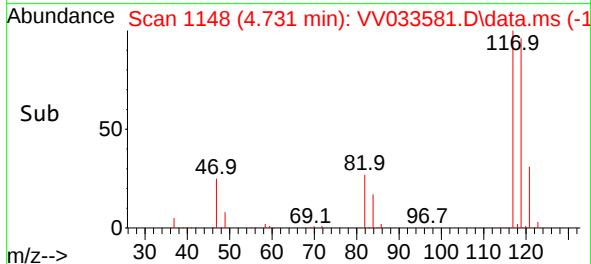
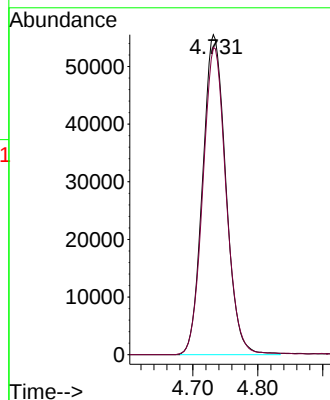
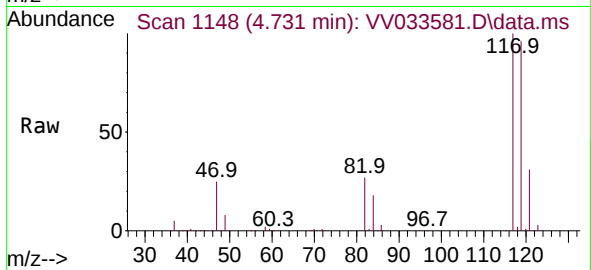




#31
Carbon tetrachloride
Concen: 47.774 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

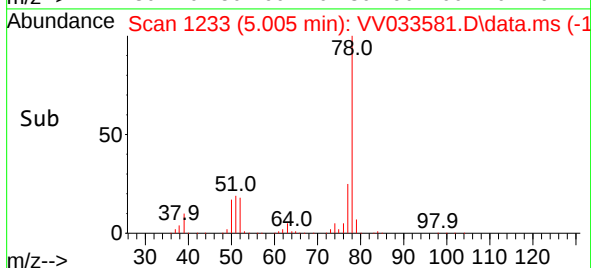
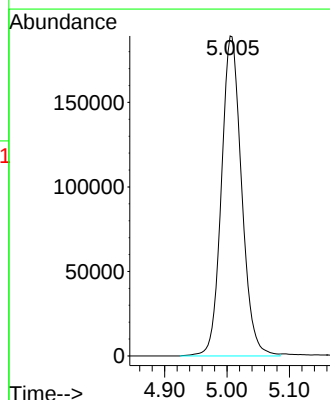
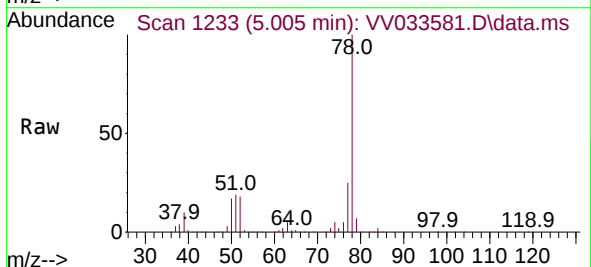
Instrument :
MSVOA_V
ClientSampleId :

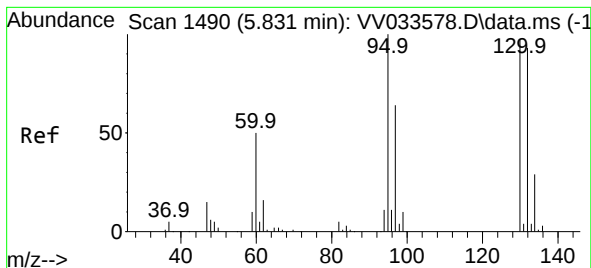
Tgt Ion:117 Resp: 137936
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4



#33
Benzene
Concen: 51.527 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion: 78 Resp: 426582





#34

Trichloroethene

Concen: 50.224 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 111538

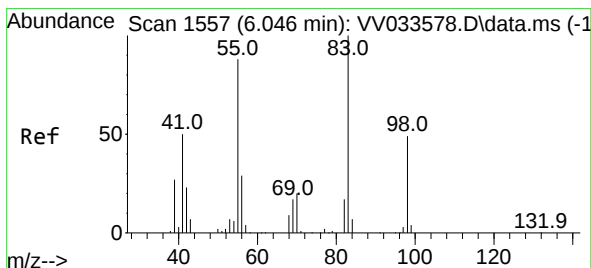
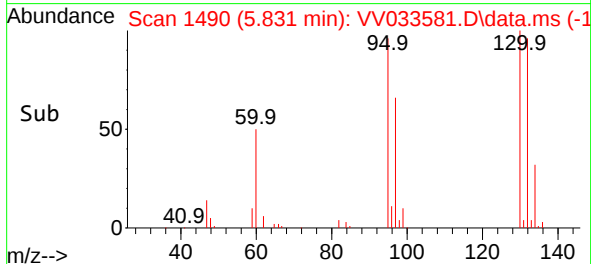
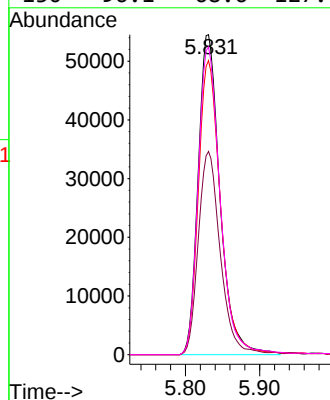
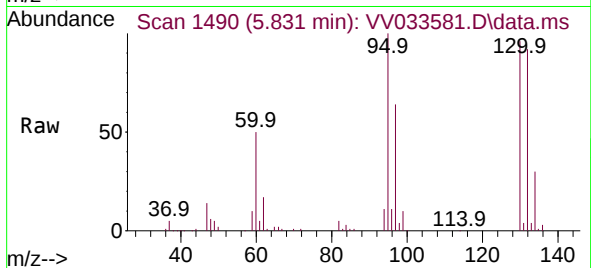
Ion Ratio Lower Upper

95 100

97 63.5 44.4 82.4

132 91.9 65.5 121.7

130 96.1 68.6 127.4



#35

Methylcyclohexane

Concen: 45.496 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

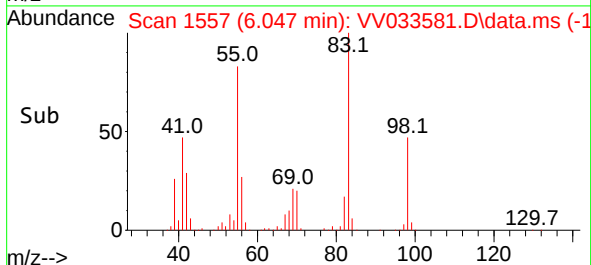
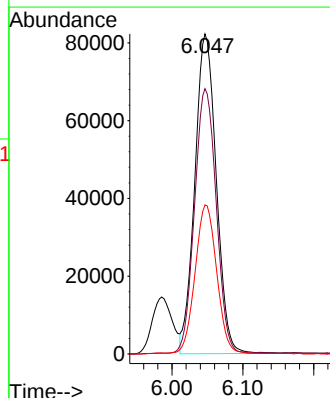
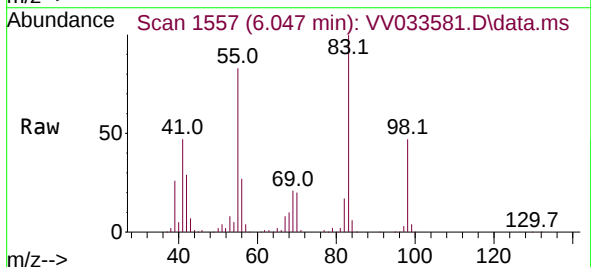
Tgt Ion: 83 Resp: 172912

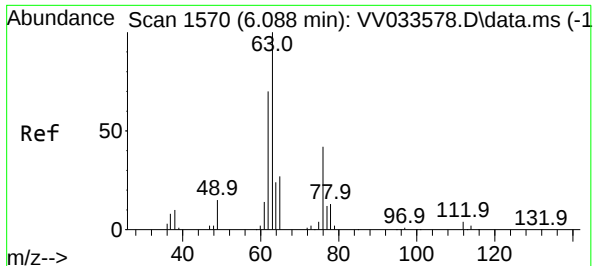
Ion Ratio Lower Upper

83 100

55 83.8 67.1 100.7

98 46.9 37.7 56.5





#37

1,2-Dichloropropane

Concen: 53.500 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

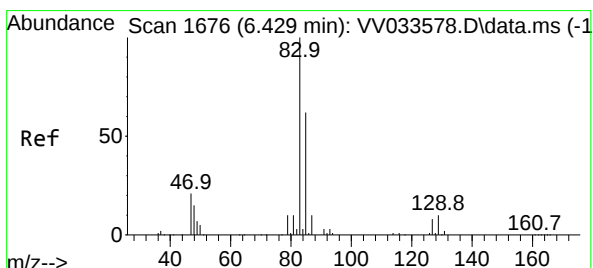
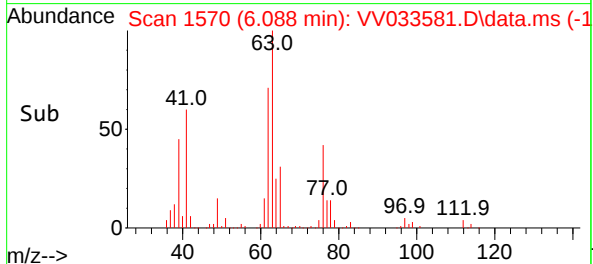
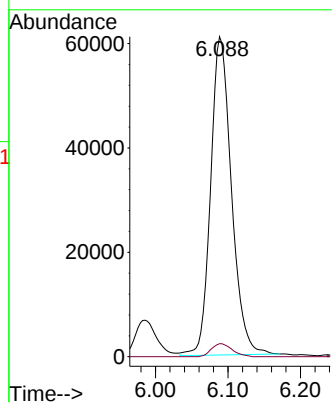
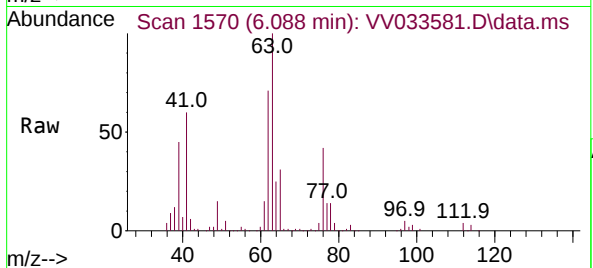
ClientSampleId :

Tgt Ion: 63 Resp: 121882

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 53.617 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

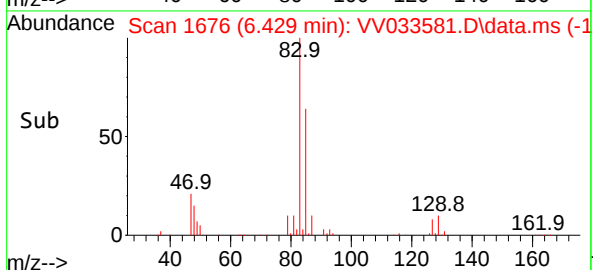
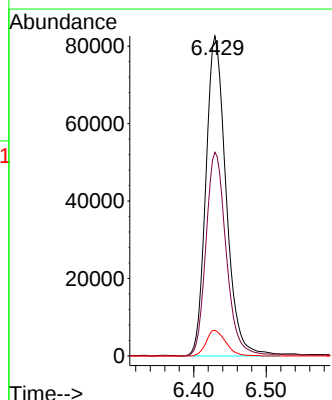
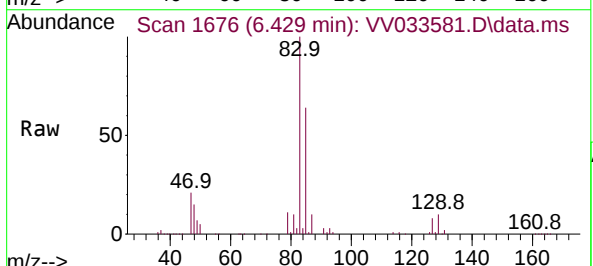
Tgt Ion: 83 Resp: 159794

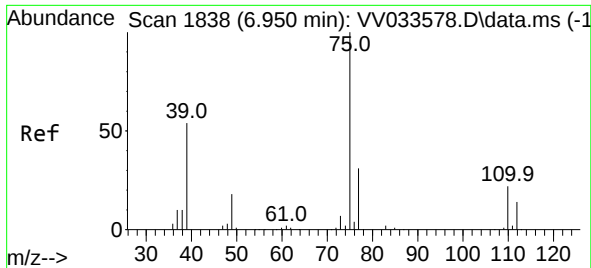
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

127 8.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 53.359 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

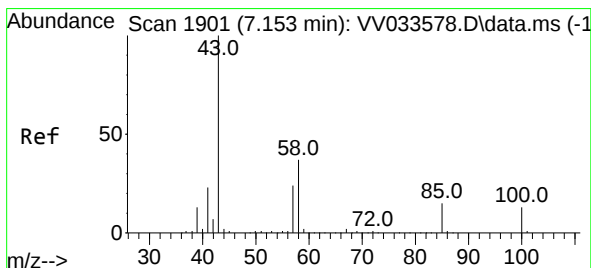
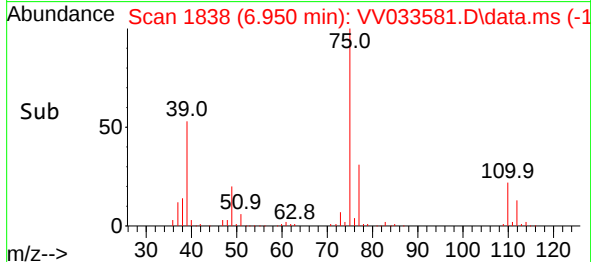
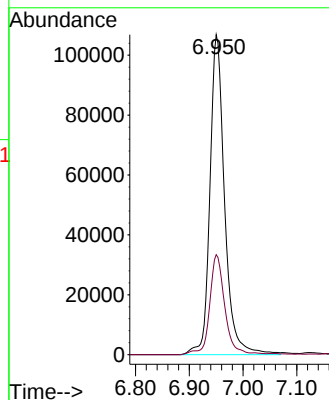
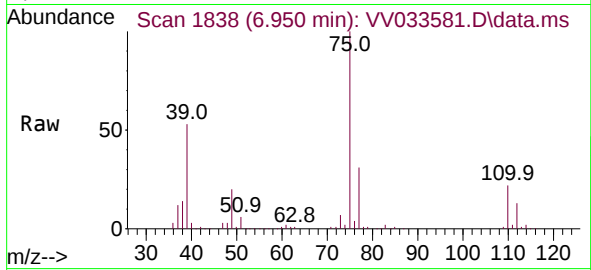
ClientSampleId :

Tgt Ion: 75 Resp: 202996

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 105.728 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

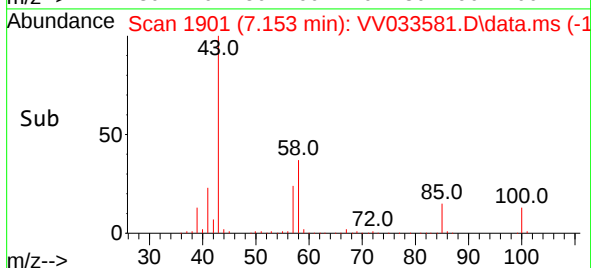
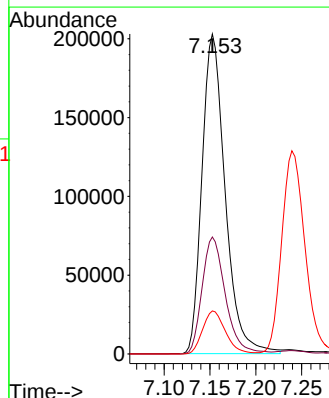
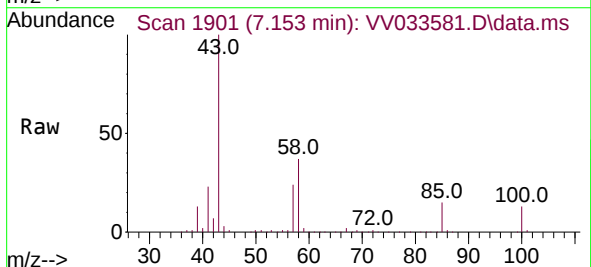
Tgt Ion: 43 Resp: 356904

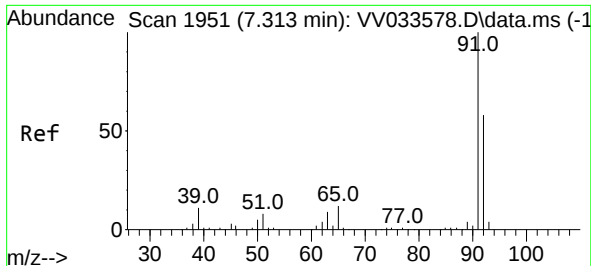
Ion Ratio Lower Upper

43 100

58 36.8 29.6 44.4

100 13.3 10.6 16.0





#42

Toluene

Concen: 50.868 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

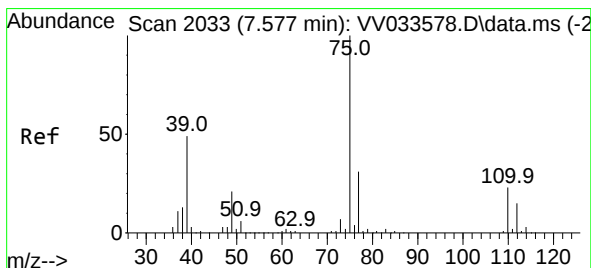
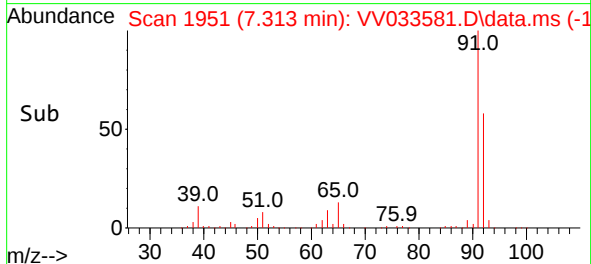
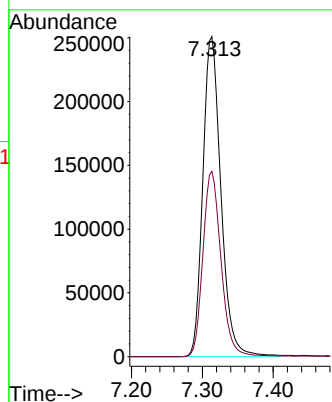
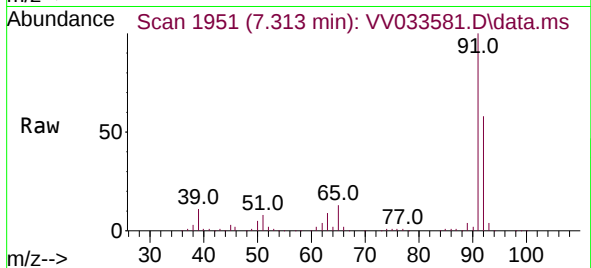
ClientSampleId :

Tgt Ion: 91 Resp: 445171

Ion Ratio Lower Upper

91 100

92 57.9 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 54.009 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV033581.D

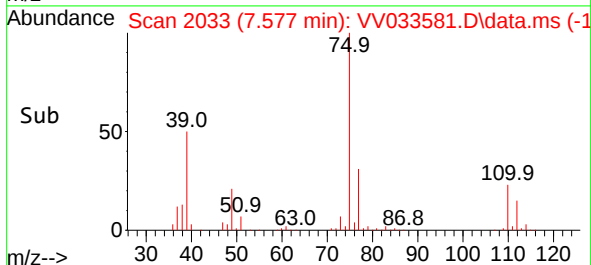
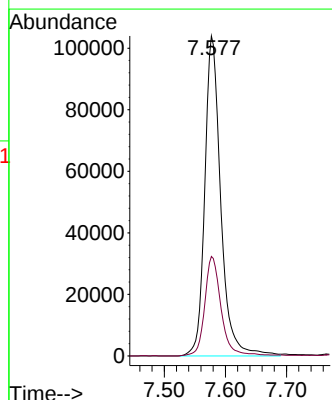
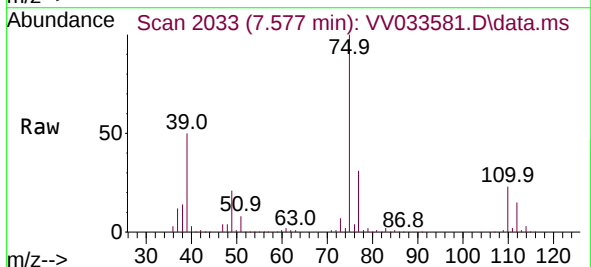
Acq: 11 Jan 2024 13:56

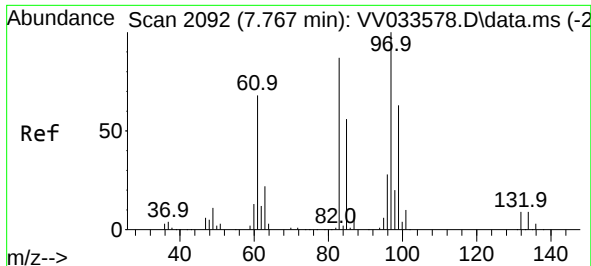
Tgt Ion: 75 Resp: 189345

Ion Ratio Lower Upper

75 100

77 31.1 21.6 40.0

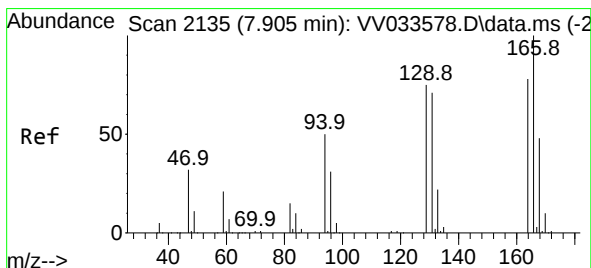
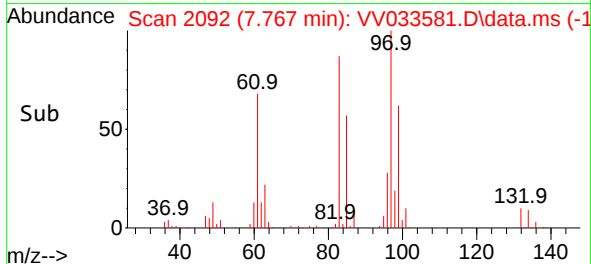
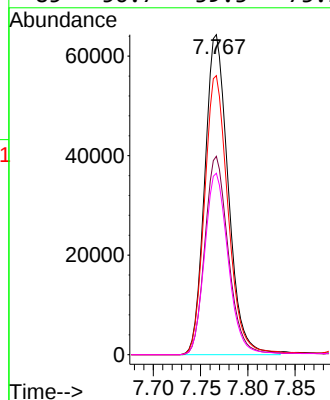
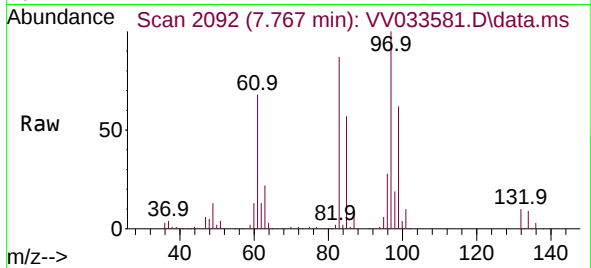




#45
1,1,2-Trichloroethane
Concen: 53.753 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

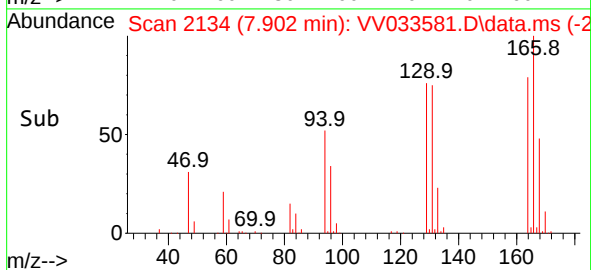
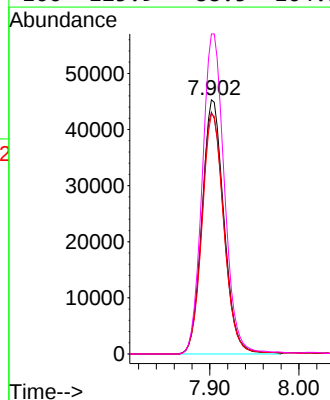
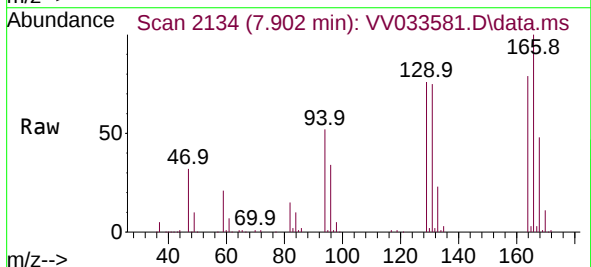
Instrument :
MSVOA_V
ClientSampleId :

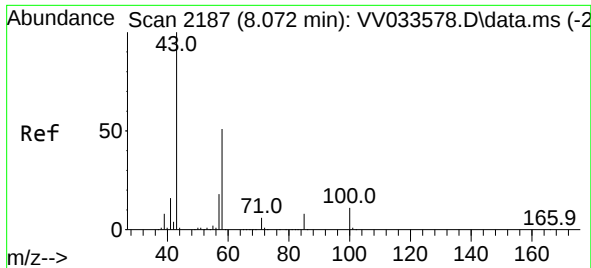
Tgt Ion:	97	Resp:	111112
Ion	Ratio	Lower	Upper
97	100		
99	62.0	42.8	79.6
83	87.2	61.2	113.8
85	56.7	39.3	73.1



#46
Tetrachloroethene
Concen: 47.295 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

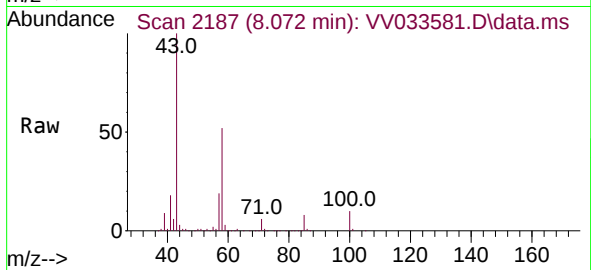
Tgt Ion:	164	Resp:	77039
Ion	Ratio	Lower	Upper
164	100		
129	95.1	66.1	122.7
131	94.4	65.9	122.5
166	125.9	88.5	164.3



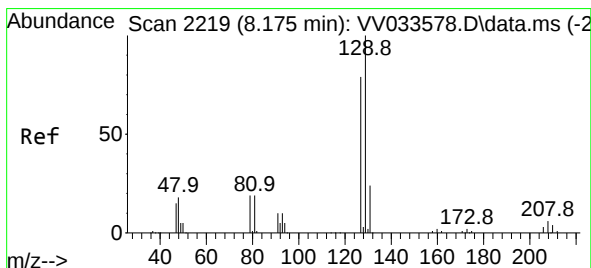
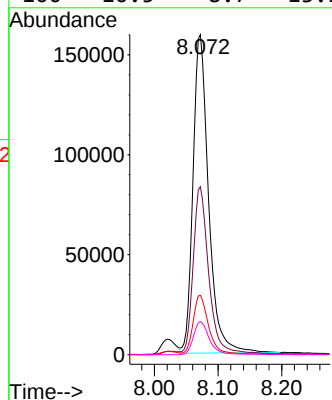
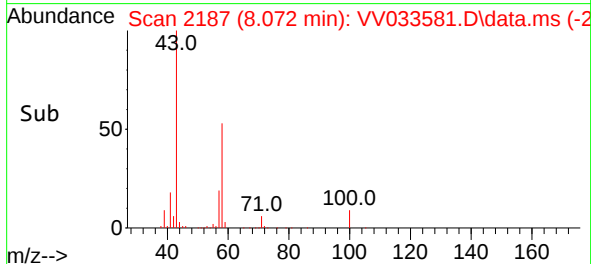


#48
2-Hexanone
Concen: 100.863 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Instrument :
MSVOA_V
ClientSampleId :

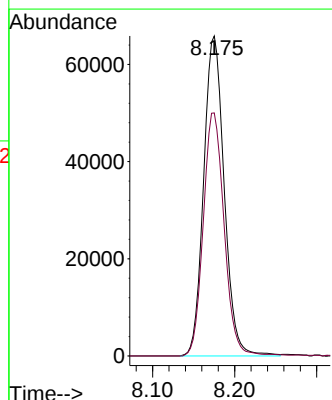
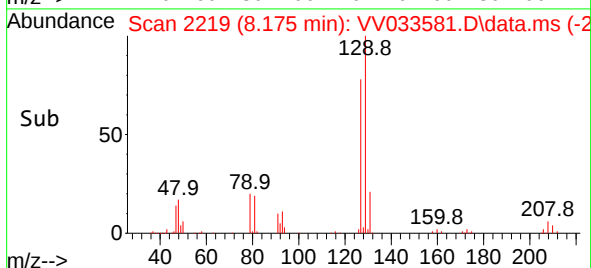
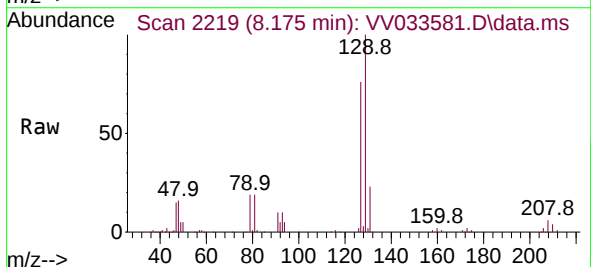


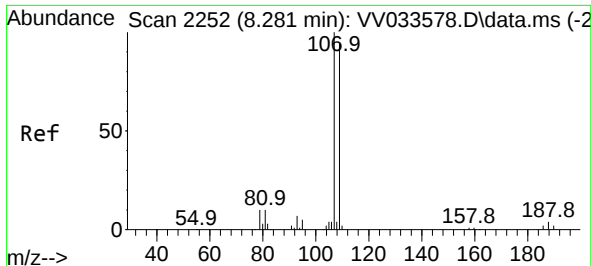
Tgt Ion: 43 Resp: 271299
Ion Ratio Lower Upper
43 100
58 50.9 42.3 63.5
57 18.3 14.2 21.2
100 10.5 8.7 13.1



#49
Dibromochloromethane
Concen: 53.368 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion: 129 Resp: 114894
Ion Ratio Lower Upper
129 100
127 76.0 54.5 101.3





#50

1,2-Dibromoethane

Concen: 53.241 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.003 min

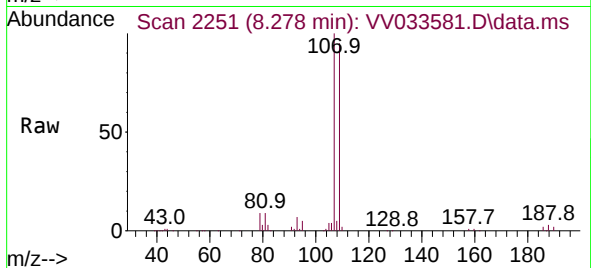
Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

ClientSampleId :



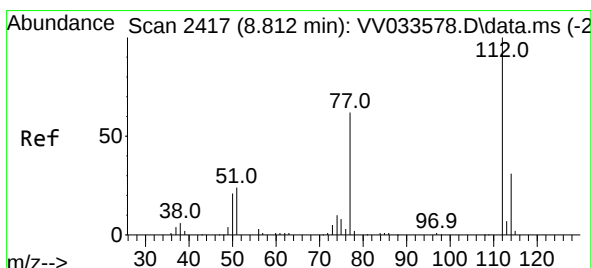
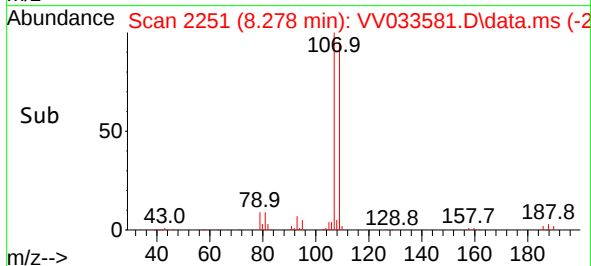
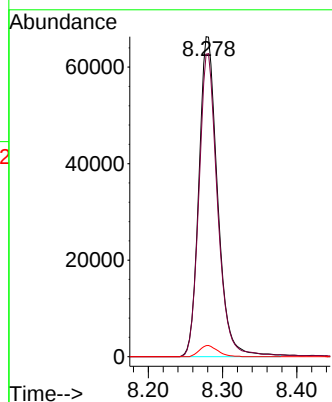
Tgt Ion:107 Resp: 116301

Ion Ratio Lower Upper

107 100

109 94.5 66.4 123.4

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 51.093 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

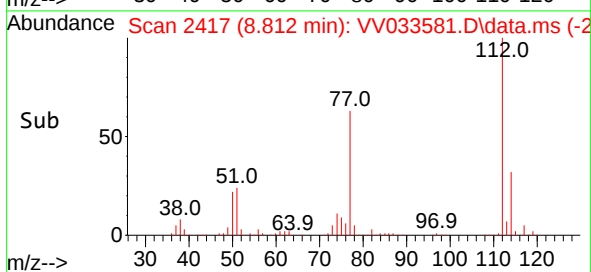
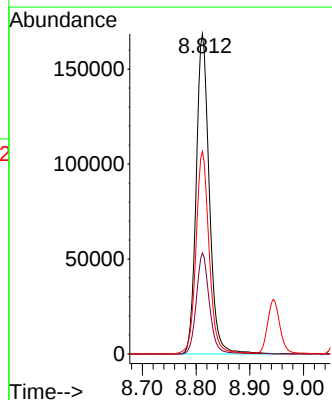
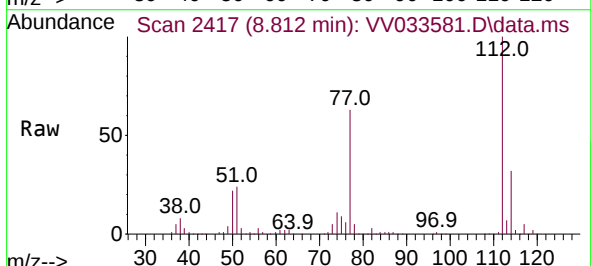
Tgt Ion:112 Resp: 284823

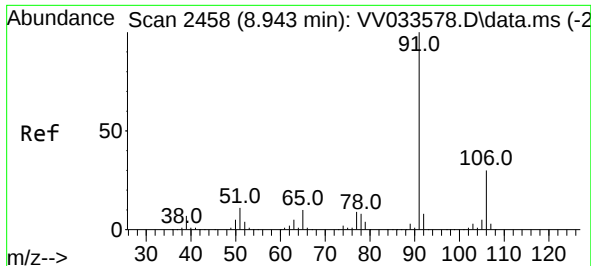
Ion Ratio Lower Upper

112 100

114 31.5 22.5 41.7

77 63.3 49.4 74.0

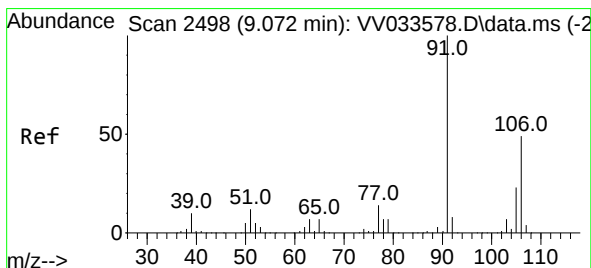
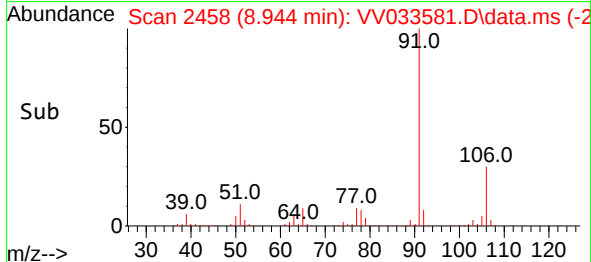
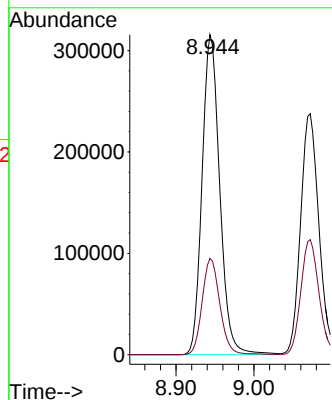
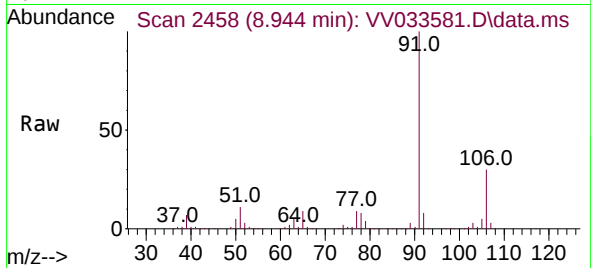




#52
Ethylbenzene
Concen: 49.089 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

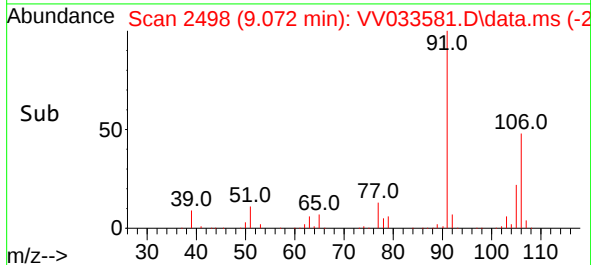
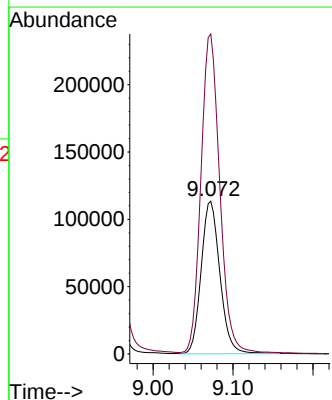
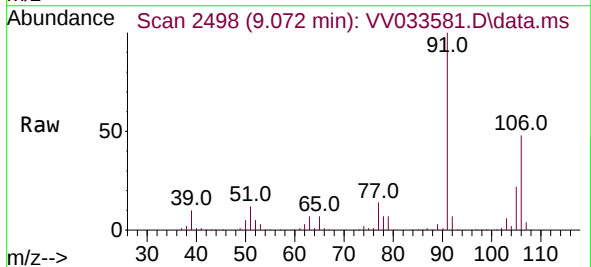
Instrument :
MSVOA_V
ClientSampleId :

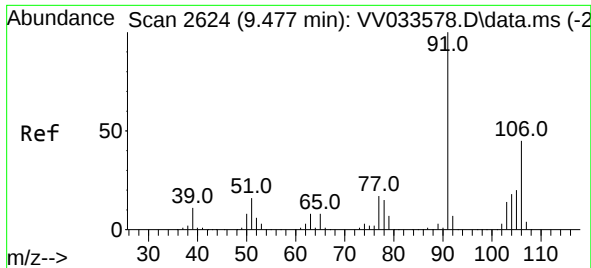
Tgt Ion: 91 Resp: 497588
Ion Ratio Lower Upper
91 100
106 30.1 21.5 39.9



#53
m,p-Xylene
Concen: 49.429 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion: 106 Resp: 184971
Ion Ratio Lower Upper
106 100
91 209.5 146.1 271.3

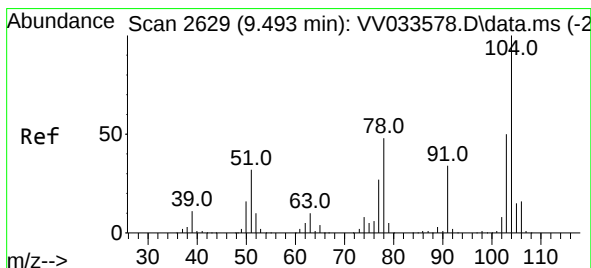
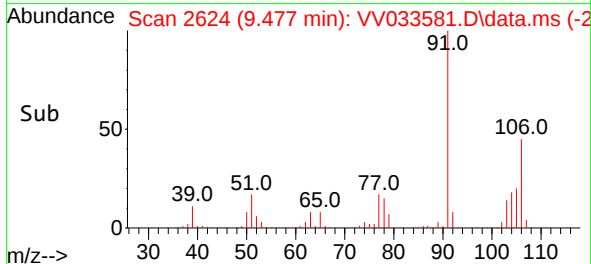
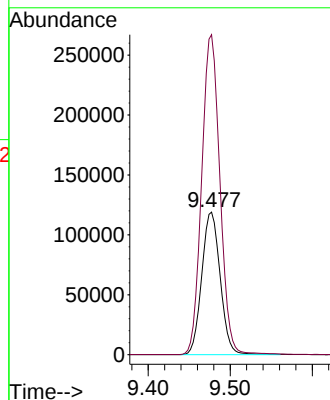
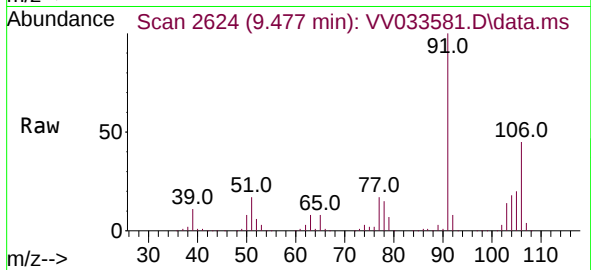




#54
o-Xylene
Concen: 50.123 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

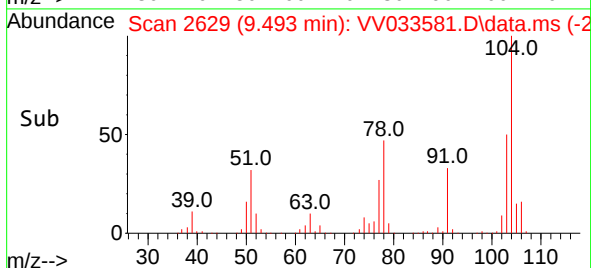
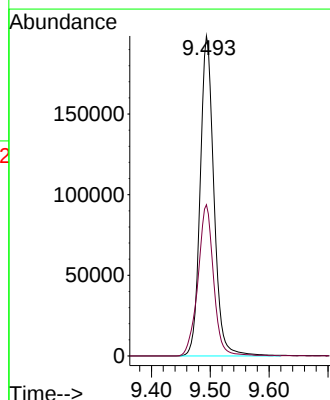
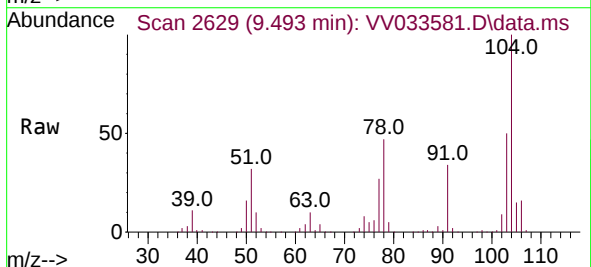
Instrument :
MSVOA_V
ClientSampleId :

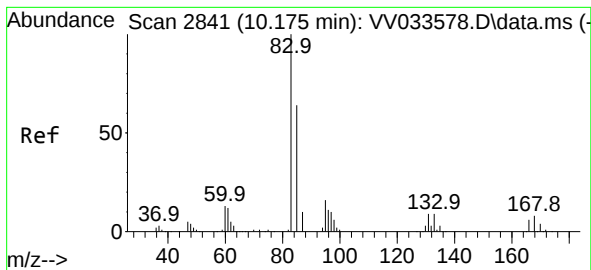
Tgt Ion:106 Resp: 185692
Ion Ratio Lower Upper
106 100
91 224.5 155.2 288.2



#55
Styrene
Concen: 50.466 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion:104 Resp: 322790
Ion Ratio Lower Upper
104 100
78 47.2 33.0 61.4

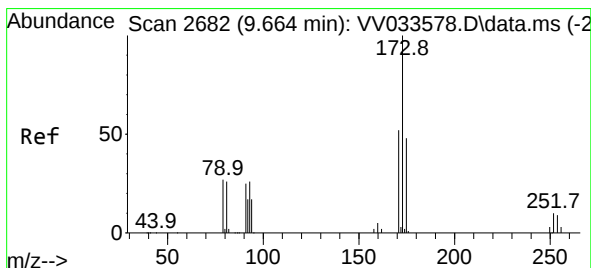
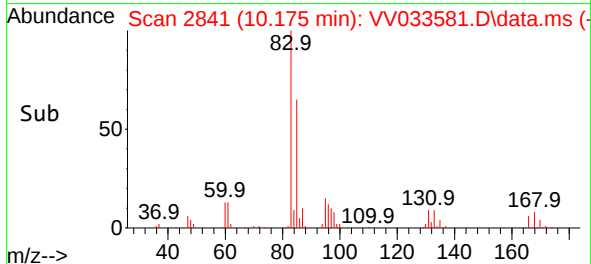
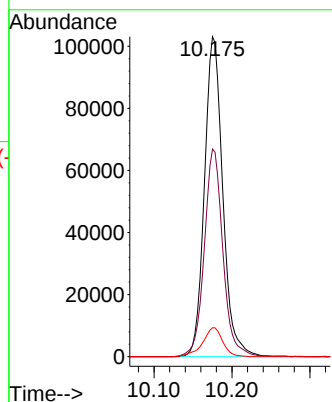
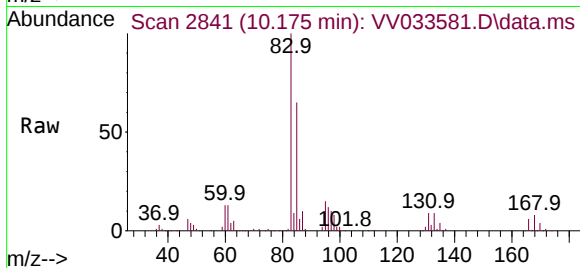




#57
1,1,2,2-Tetrachloroethane
Concen: 51.290 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

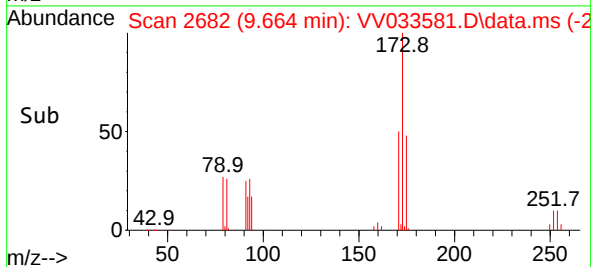
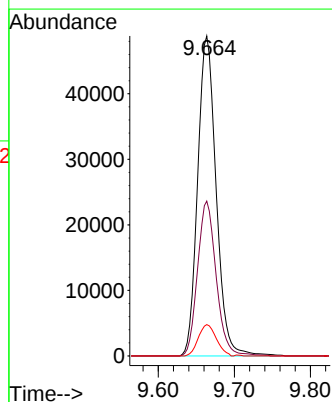
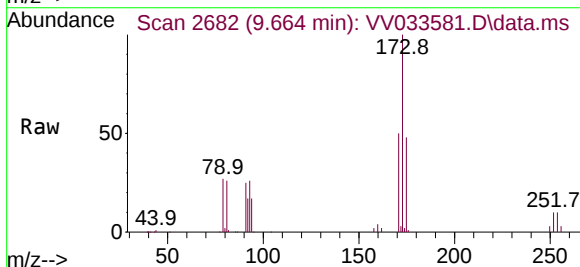
Instrument :
MSVOA_V
ClientSampleId :

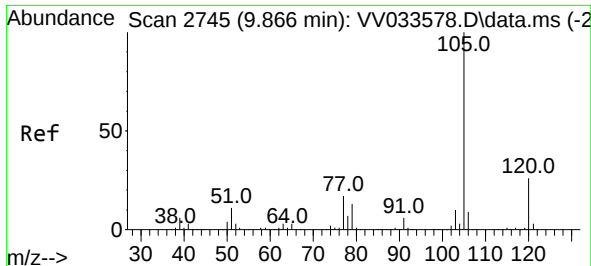
Tgt Ion: 83 Resp: 168727
Ion Ratio Lower Upper
83 100
85 64.9 44.9 83.5
131 9.0 7.5 11.3



#59
Bromoform
Concen: 53.882 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion: 173 Resp: 82505
Ion Ratio Lower Upper
173 100
175 48.7 37.2 55.8
254 9.5 7.4 11.0

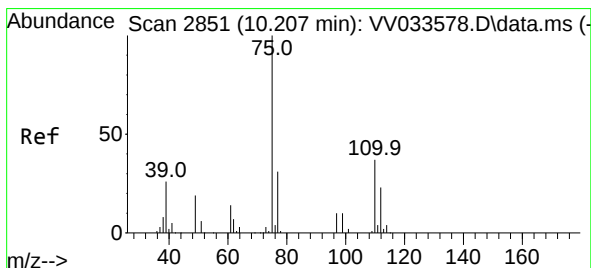
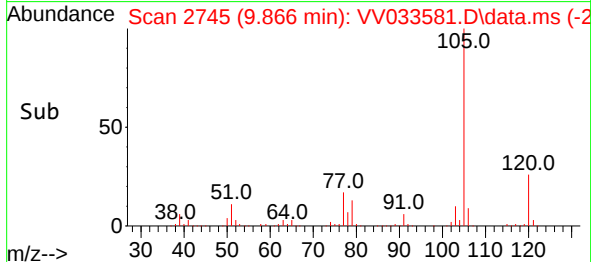
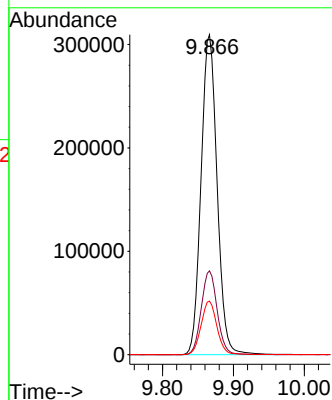
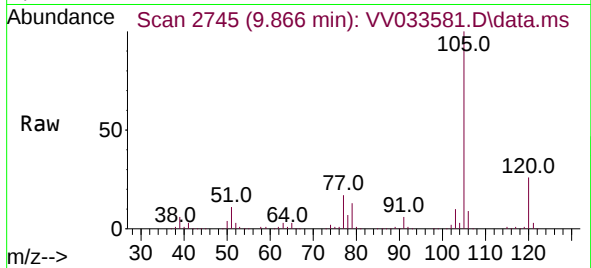




#60
Isopropylbenzene
Concen: 49.828 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

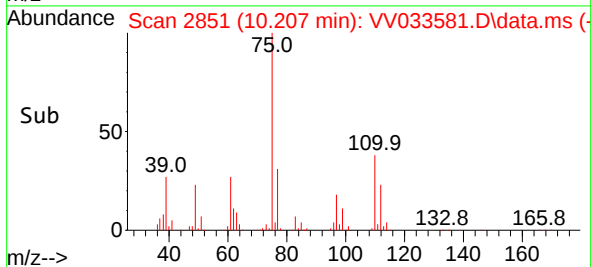
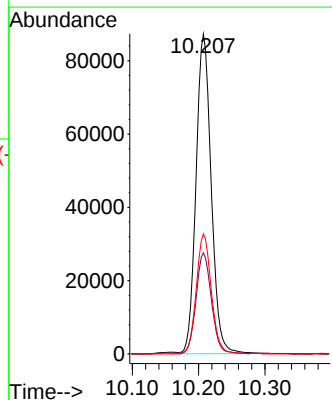
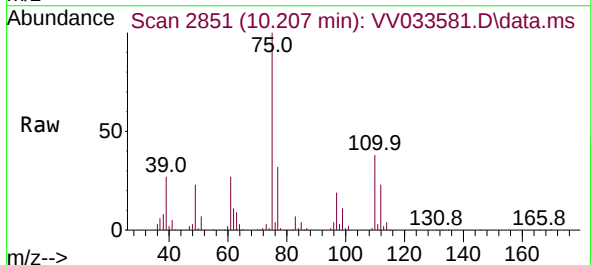
Instrument :
MSVOA_V
ClientSampleId :

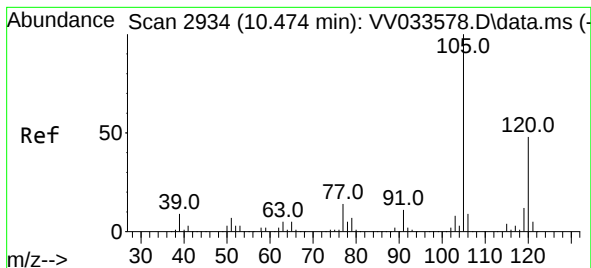
Tgt Ion:105 Resp: 485706
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 54.227 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV033581.D
Acq: 11 Jan 2024 13:56

Tgt Ion: 75 Resp: 138652
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
110 37.3 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 49.517 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

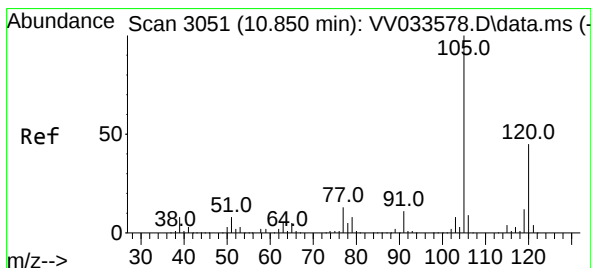
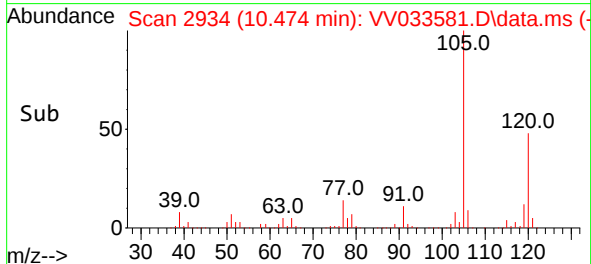
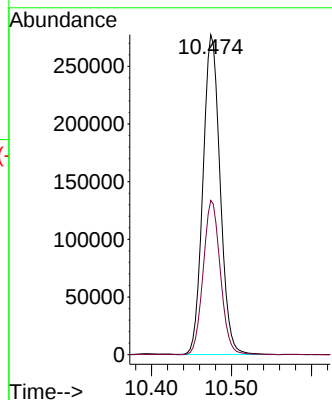
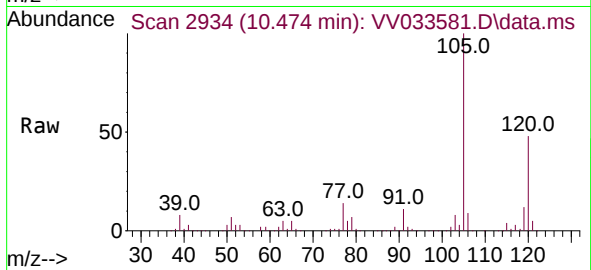
ClientSampleId :

Tgt Ion:105 Resp: 414136

Ion Ratio Lower Upper

105 100

120 48.4 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 50.407 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033581.D

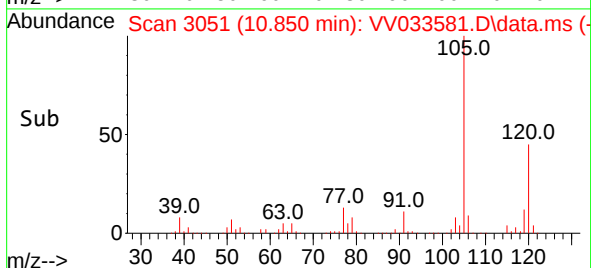
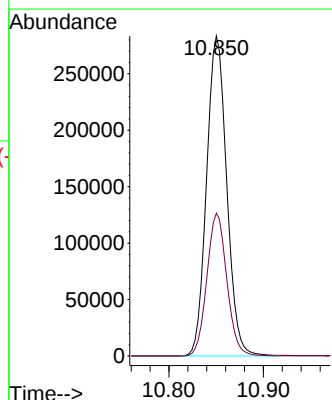
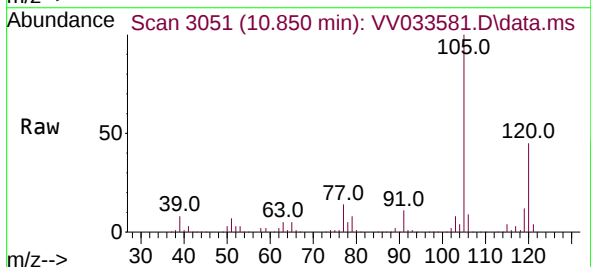
Acq: 11 Jan 2024 13:56

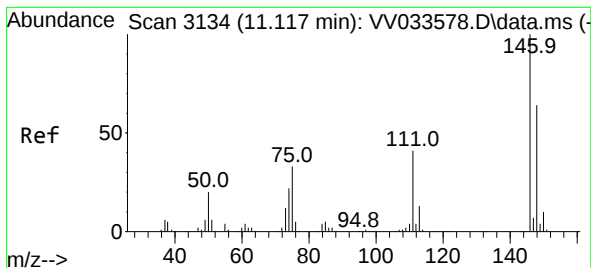
Tgt Ion:105 Resp: 420060

Ion Ratio Lower Upper

105 100

120 44.2 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 49.828 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

ClientSampleId :

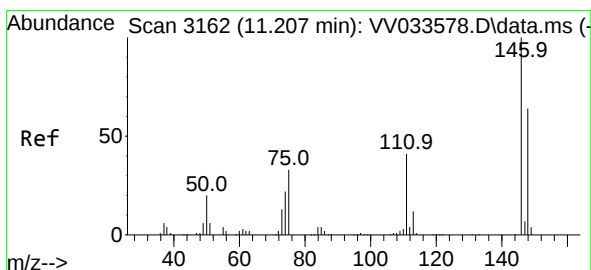
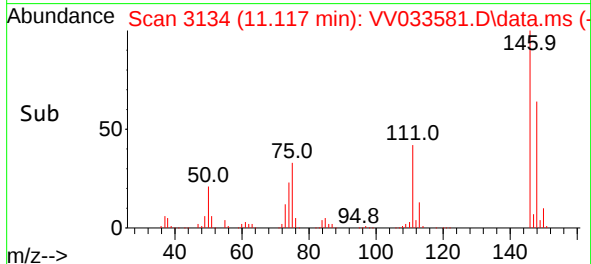
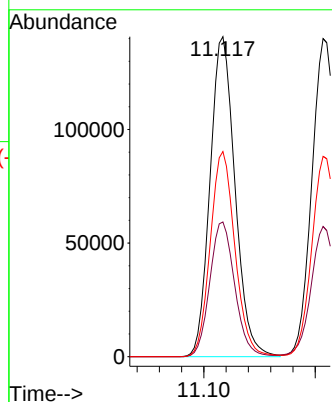
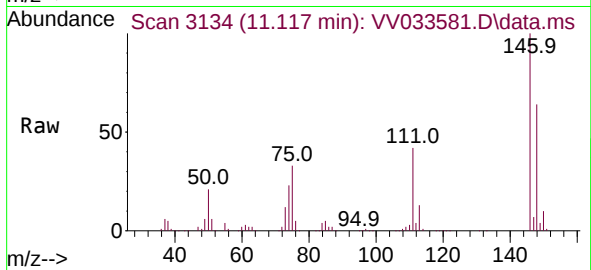
Tgt Ion:146 Resp: 219390

Ion Ratio Lower Upper

146 100

111 42.1 29.0 53.8

148 64.1 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 50.484 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

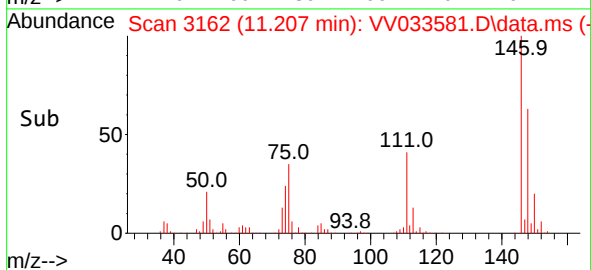
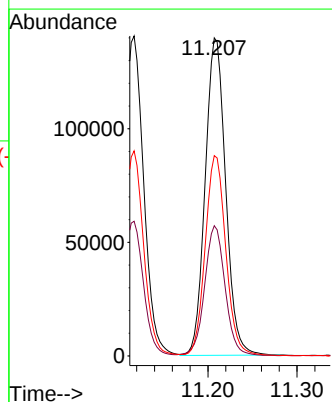
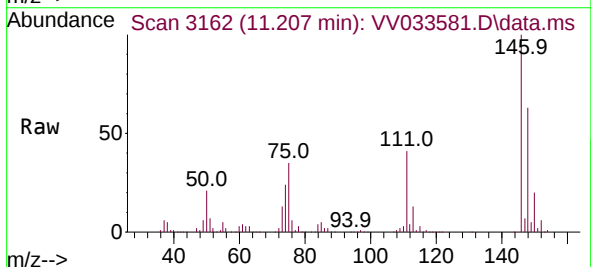
Tgt Ion:146 Resp: 222878

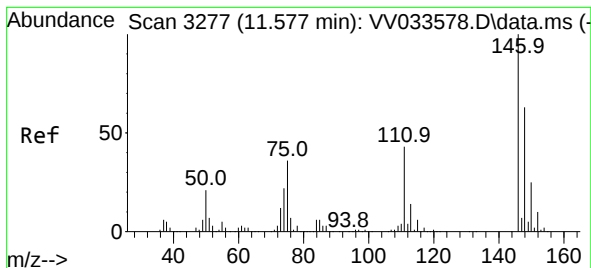
Ion Ratio Lower Upper

146 100

111 40.9 27.7 51.5

148 63.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 52.138 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

ClientSampleId :

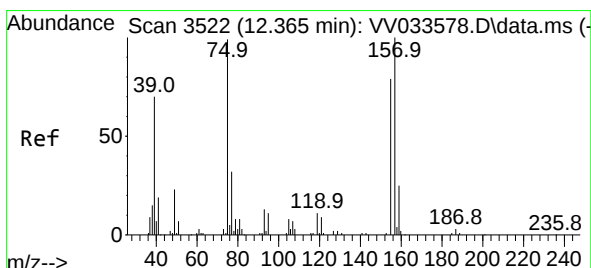
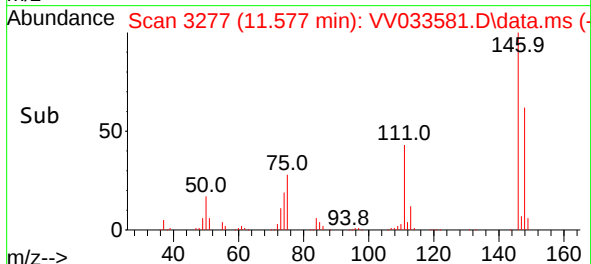
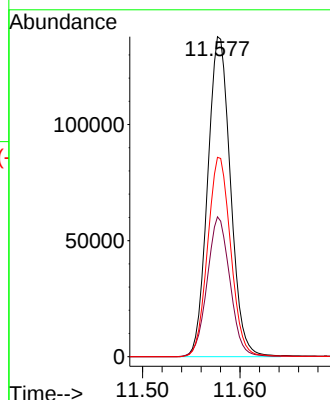
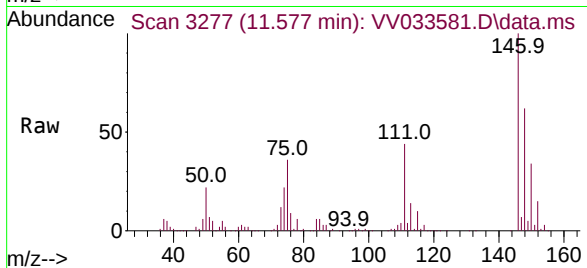
Tgt Ion:146 Resp: 224306

Ion Ratio Lower Upper

146 100

111 43.7 35.4 53.0

148 62.3 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.830 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

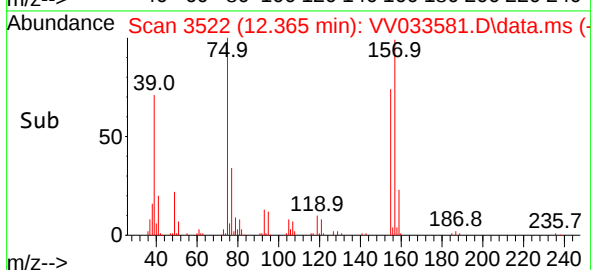
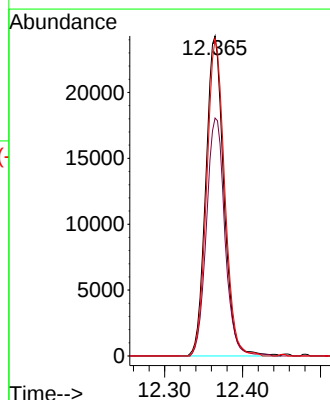
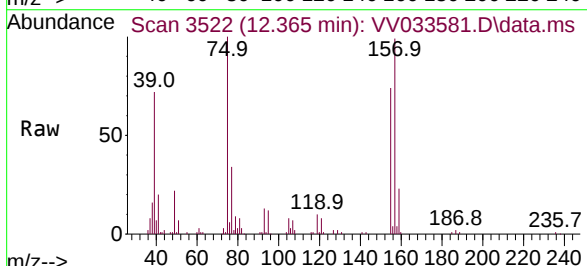
Tgt Ion: 75 Resp: 38980

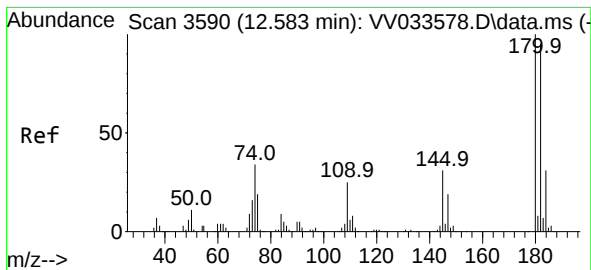
Ion Ratio Lower Upper

75 100

155 74.3 61.6 92.4

157 99.0 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 49.951 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

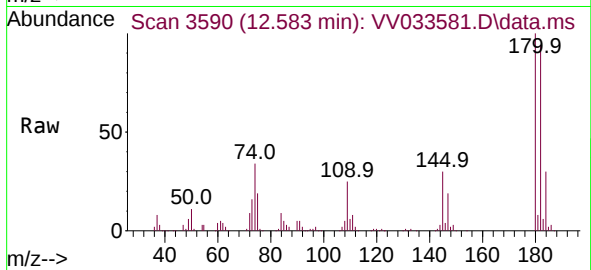
Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 162521

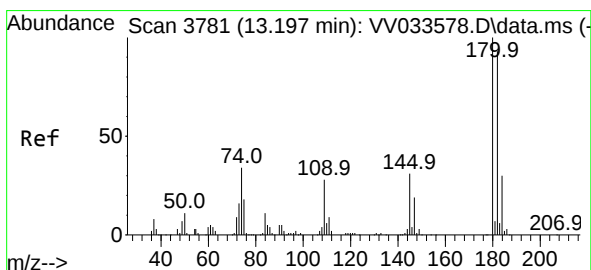
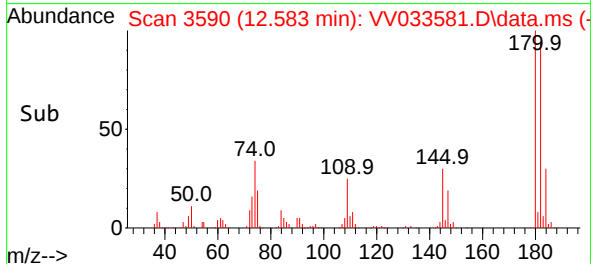
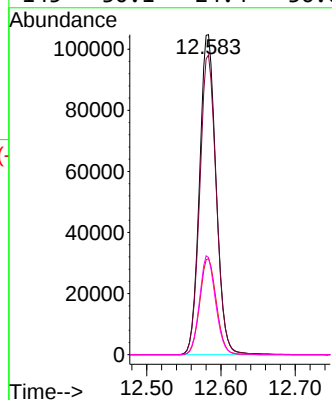
Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.2

184 30.0 23.9 35.9

145 30.1 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 50.433 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

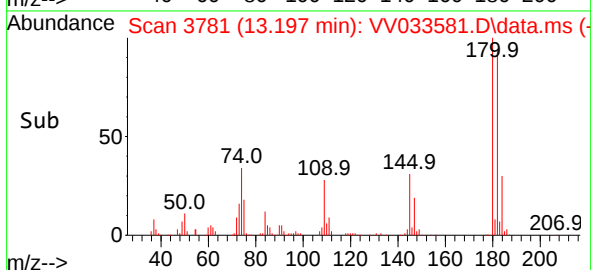
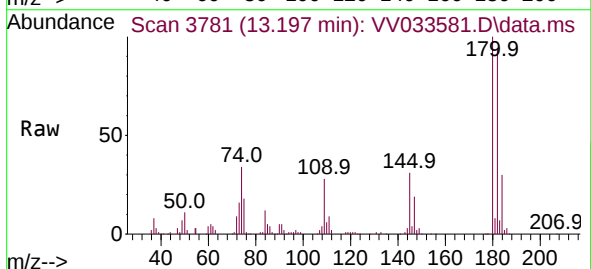
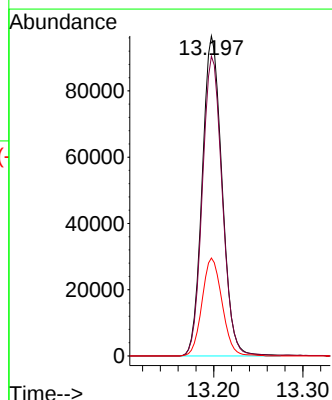
Tgt Ion:180 Resp: 148934

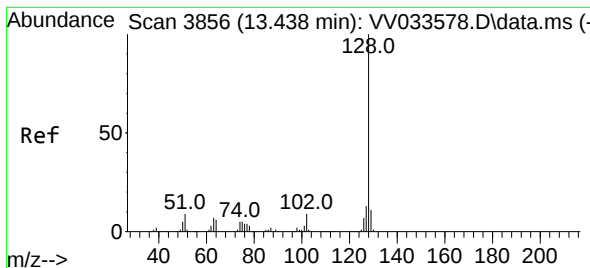
Ion Ratio Lower Upper

180 100

182 94.2 76.3 114.5

145 31.0 25.4 38.0





#71

Naphthalene

Concen: 48.544 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Instrument :

MSVOA_V

ClientSampleId :

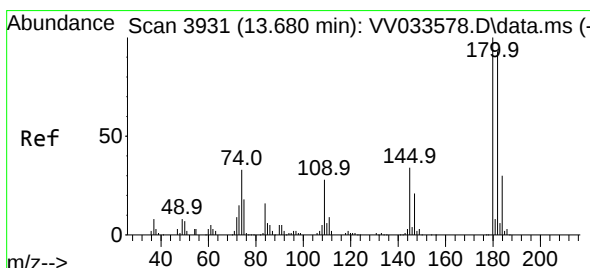
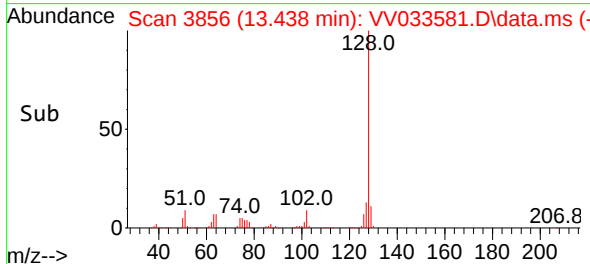
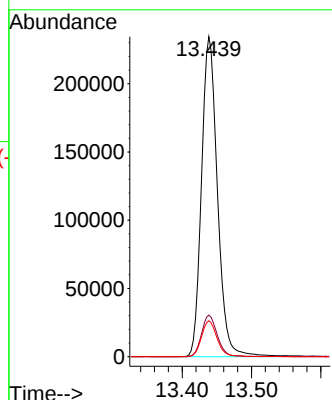
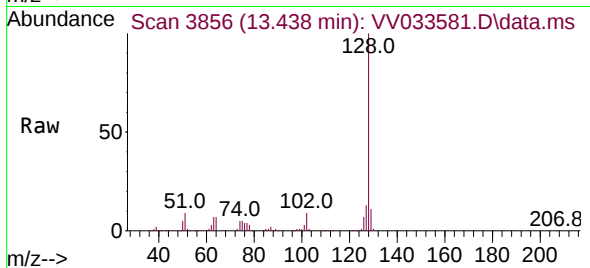
Tgt Ion:128 Resp: 374600

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.258 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033581.D

Acq: 11 Jan 2024 13:56

Tgt Ion:180 Resp: 135774

Ion Ratio Lower Upper

180 100

182 95.4 76.0 114.0

145 32.6 26.3 39.5

