

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011124\
 Data File : VW033578.D
 Acq On : 11 Jan 2024 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 11 20:38:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	322140	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	158107	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	120785	48.786	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.580%
7) Chloroethane-d5	1.529	69	93803	47.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.680%
11) 1,1-Dichloroethene-d2	2.059	65	51272	48.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.240%
21) 2-Butanone-d5	3.783	46	148378	87.375	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.380%
24) Chloroform-d	4.246	84	211310	47.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.460%
26) 1,2-Dichloroethane-d4	4.937	65	136923	47.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
32) Benzene-d6	4.956	84	415537	48.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	5.985	67	135555	47.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.780%
41) Toluene-d8	7.239	98	377010	48.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.320%
43) trans-1,3-Dichloroprop...	7.548	79	67346	48.140	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.280%
47) 2-Hexanone-d5	8.021	63	106809	90.968	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.970%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	159635	44.176	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.360%
66) 1,2-Dichlorobenzene-d4	11.561	152	142539	47.517	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	131128	48.929	ug/L	100
3) Chloromethane	1.214	50	150876	49.509	ug/L	99
5) Vinyl chloride	1.285	62	146709	50.323	ug/L	100
6) Bromomethane	1.481	94	75630	49.637	ug/L	100
8) Chloroethane	1.545	64	86625	49.830	ug/L	98
9) Trichlorofluoromethane	1.712	101	178647	51.351	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	105195	51.324	ug/L	99
12) 1,1-Dichloroethene	2.069	96	98058	50.720	ug/L	97
13) Acetone	2.111	43	151623	93.384	ug/L	99
14) Carbon disulfide	2.240	76	331021	50.376	ug/L	99
15) Methyl Acetate	2.371	43	128138	48.262	ug/L	# 100
16) Methylene chloride	2.445	84	115804	49.100	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	107499	49.777	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	386937	49.817	ug/L	100
19) 1,1-Dichloroethane	3.111	63	226704	51.347	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	120433	50.106	ug/L	97
22) 2-Butanone	3.860	43	184914	93.771	ug/L	94
23) Bromochloromethane	4.143	128	58206	49.849	ug/L	96
25) Chloroform	4.272	83	213146	50.917	ug/L	100

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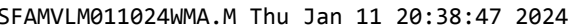
Instrument :
 MSVOA_V
 ClientSampleId :

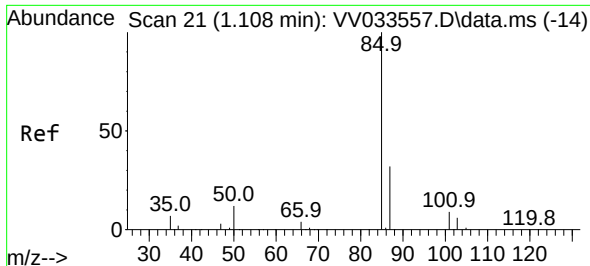
Quant Time: Jan 11 20:38:36 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	174522	49.914	ug/L	99
29) Cyclohexane	4.580	56	219461	51.465	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	186892	51.486	ug/L	100
31) Carbon tetrachloride	4.731	117	160950	51.946	ug/L	99
33) Benzene	5.008	78	458352	51.591	ug/L	100
34) Trichloroethene	5.831	95	123584	51.856	ug/L	99
35) Methylcyclohexane	6.046	83	211452	51.846	ug/L	99
37) 1,2-Dichloropropane	6.088	63	126660	51.808	ug/L	99
38) Bromodichloromethane	6.429	83	165170	51.644	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	201475	49.350	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	342803	94.631	ug/L	100
42) Toluene	7.313	91	478610	50.962	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	195555	51.979	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	111740	50.373	ug/L	99
46) Tetrachloroethene	7.905	164	88354	50.545	ug/L	98
48) 2-Hexanone	8.072	43	267067	92.523	ug/L	98
49) Dibromochloromethane	8.175	129	116241	50.314	ug/L	99
50) 1,2-Dibromoethane	8.281	107	116753	49.805	ug/L	99
51) Chlorobenzene	8.812	112	302166	50.510	ug/L	98
52) Ethylbenzene	8.943	91	554044	50.934	ug/L	98
53) m,p-Xylene	9.072	106	205438	51.157	ug/L	97
54) o-Xylene	9.477	106	199690	50.228	ug/L	99
55) Styrene	9.493	104	347462	50.621	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	167156	47.350	ug/L	100
59) Bromoform	9.664	173	84745	50.431	ug/L	98
60) Isopropylbenzene	9.866	105	551604	51.565	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	134685	47.999	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	470428	51.254	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	471241	51.529	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	243713	50.438	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	243199	50.196	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	241100	51.066	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	37955	46.874	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	183837	51.486	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	162646	50.186	ug/L	99
71) Naphthalene	13.438	128	347682	41.055	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	150237	49.666	ug/L	99

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

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Response via : Initial Calibration

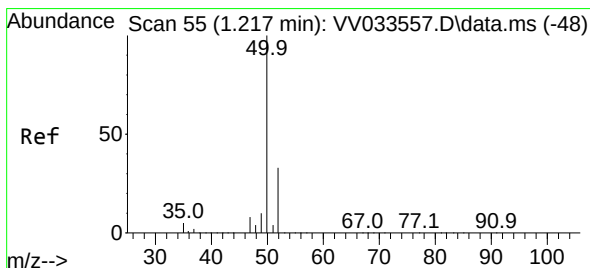
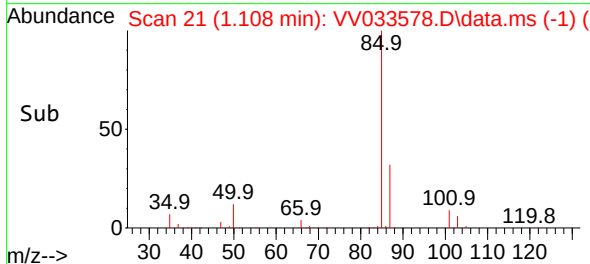
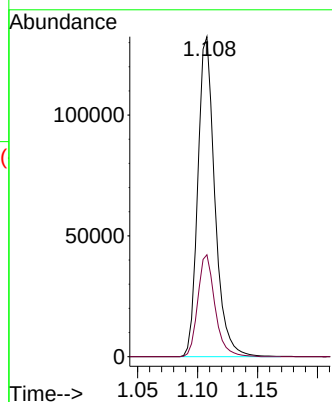
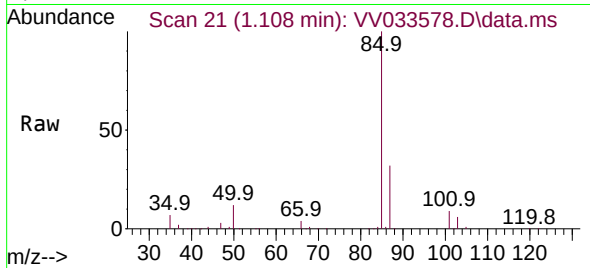




#2
 Dichlorodifluoromethane
 Concen: 48.929 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033578.D
 Acq: 11 Jan 2024 11:09

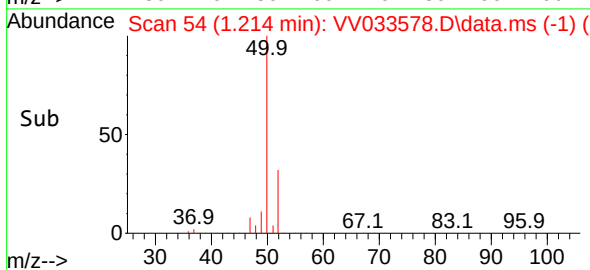
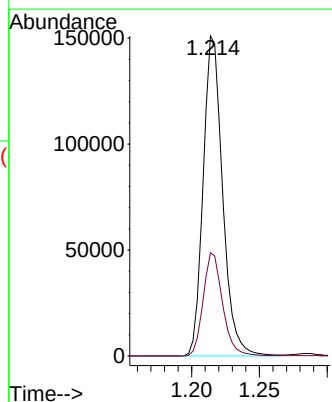
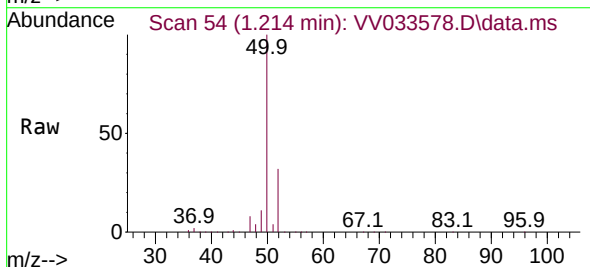
Instrument :
 MSVOA_V
 ClientSampleId :

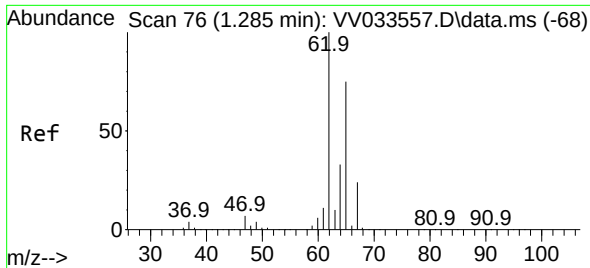
Tgt Ion: 85 Resp: 131128
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 49.509 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV033578.D
 Acq: 11 Jan 2024 11:09

Tgt Ion: 50 Resp: 150876
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.8 42.4

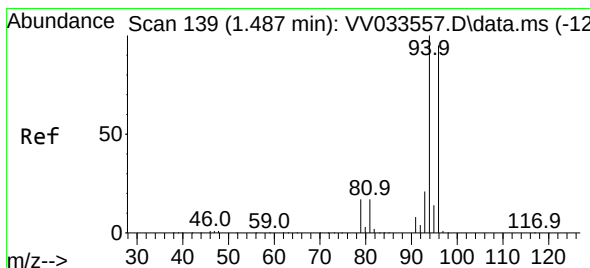
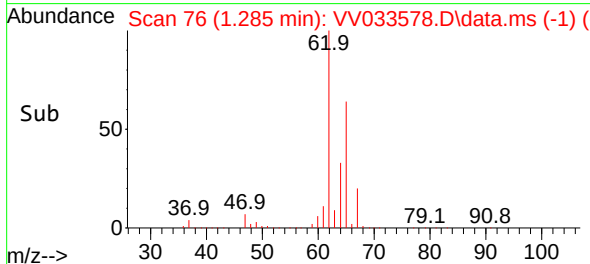
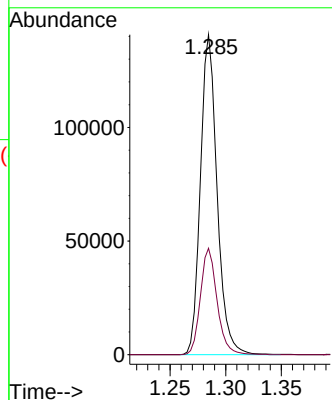
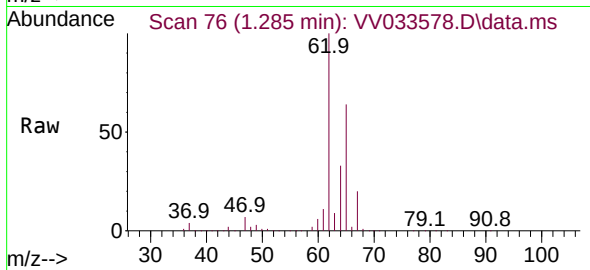




#5
 Vinyl chloride
 Concen: 50.323 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033578.D
 Acq: 11 Jan 2024 11:09

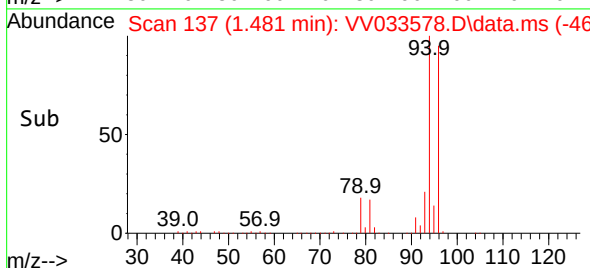
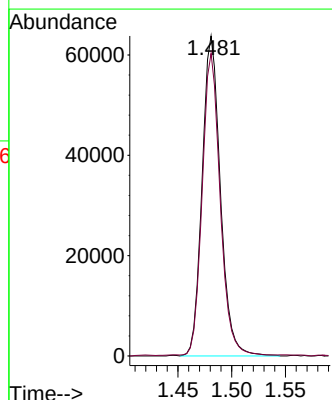
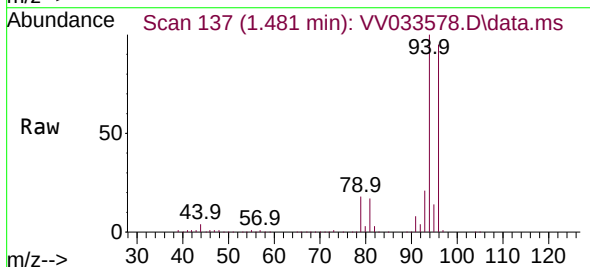
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 ClientSampleId :

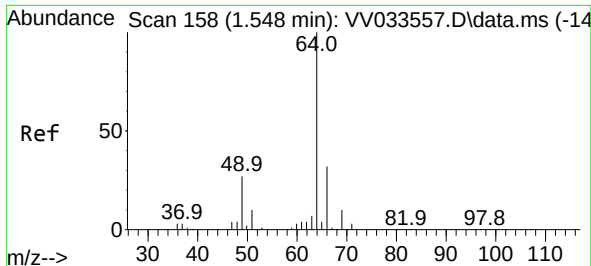
Tgt Ion: 62 Resp: 146709
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.0



#6
 Bromomethane
 Concen: 49.637 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.007 min
 Lab File: VV033578.D
 Acq: 11 Jan 2024 11:09

Tgt Ion: 94 Resp: 75630
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.4 123.2

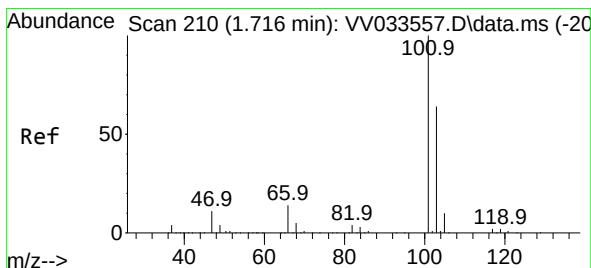
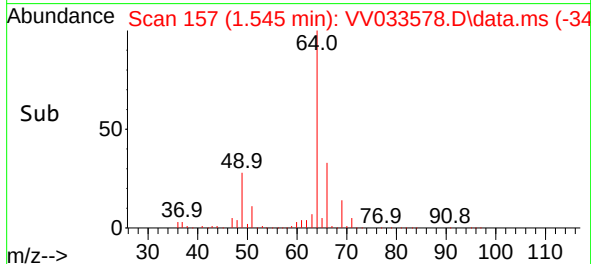
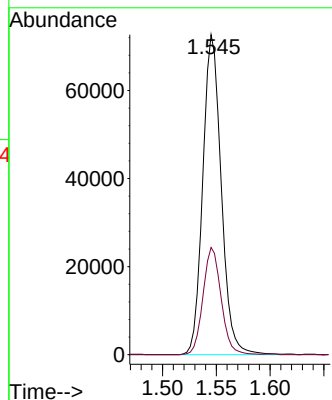
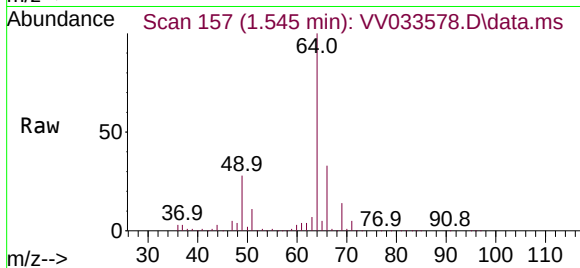




#8
Chloroethane
Concen: 49.830 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

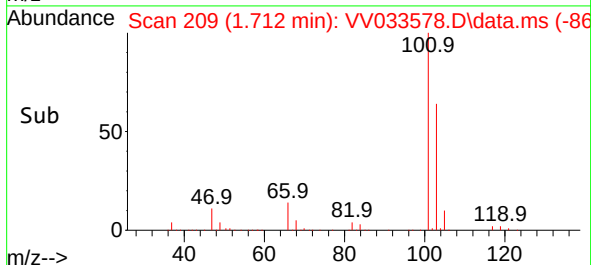
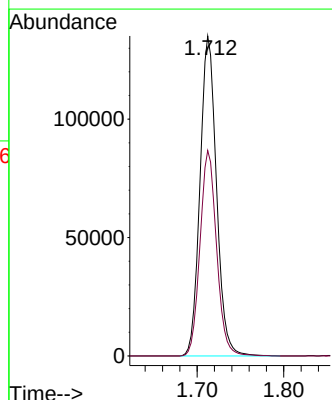
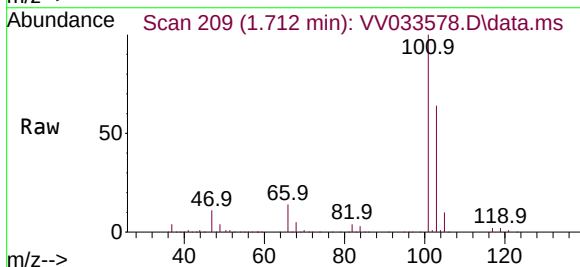
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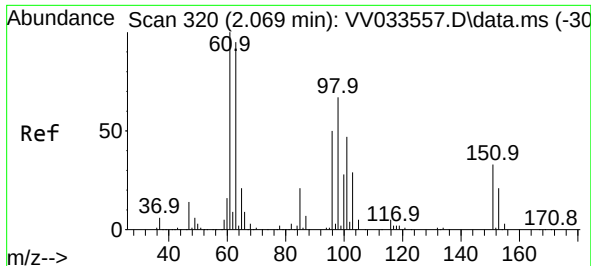
Tgt Ion: 64 Resp: 86625
Ion Ratio Lower Upper
64 100
66 33.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 51.351 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion:101 Resp: 178647
Ion Ratio Lower Upper
101 100
103 64.5 51.3 76.9

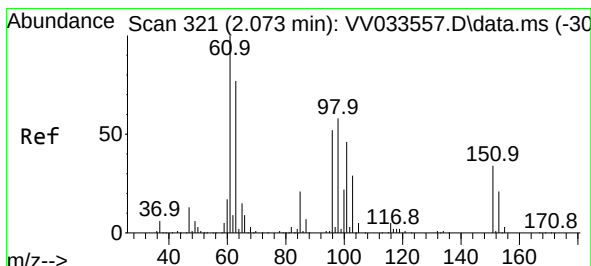
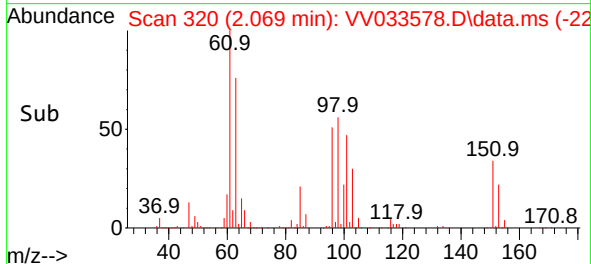
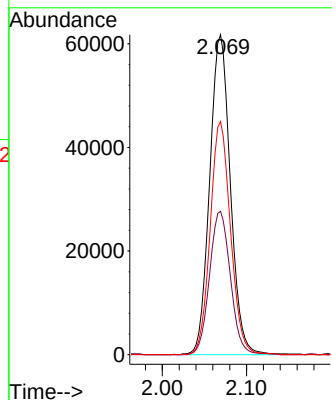
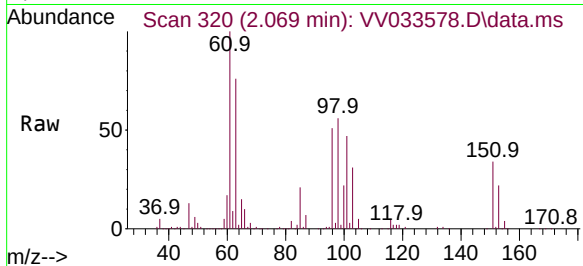




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.324 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033578.D
 Acq: 11 Jan 2024 11:09

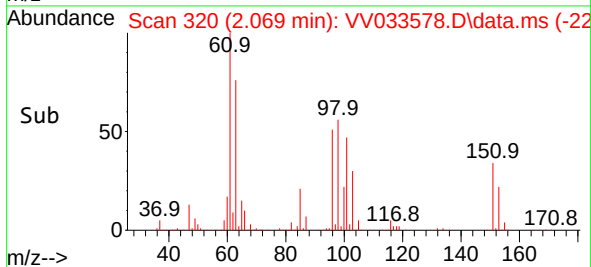
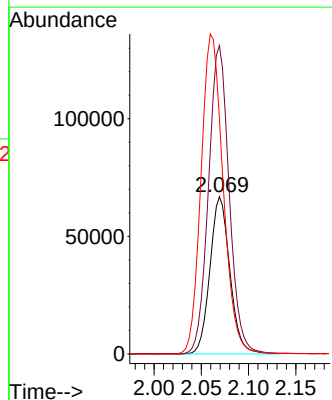
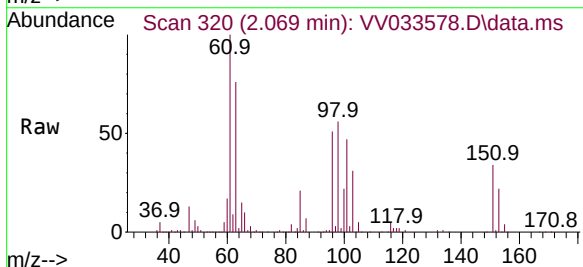
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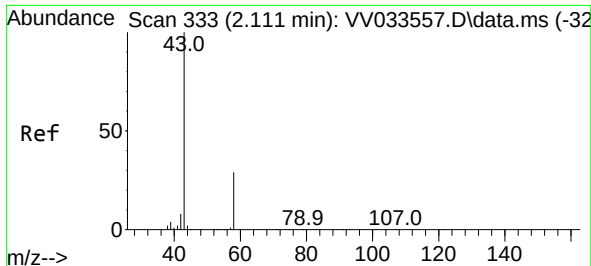
Tgt Ion:101 Resp: 105195
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.2 54.4
 151 71.9 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 50.720 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV033578.D
 Acq: 11 Jan 2024 11:09

Tgt Ion: 96 Resp: 98058
 Ion Ratio Lower Upper
 96 100
 61 196.2 134.0 248.8
 63 149.8 103.4 192.0





#13

Acetone

Concen: 93.384 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

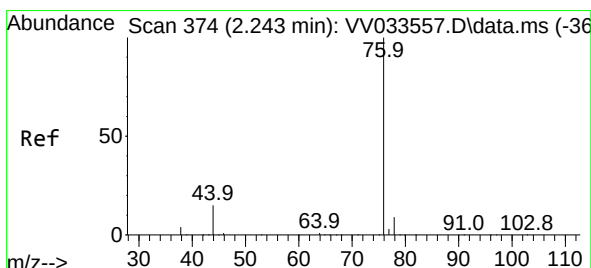
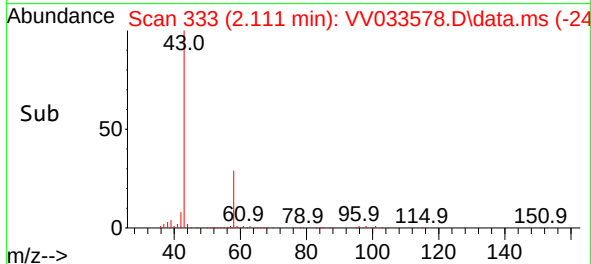
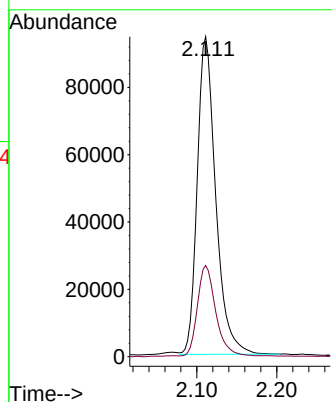
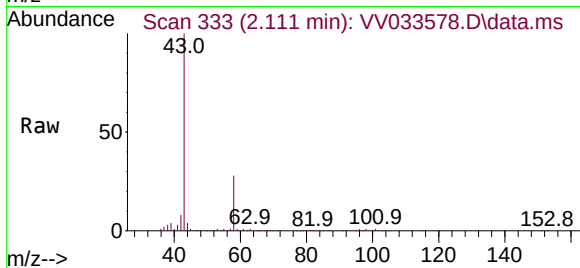
ClientSampleId :

Tgt Ion: 43 Resp: 151623

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.2



#14

Carbon disulfide

Concen: 50.376 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033578.D

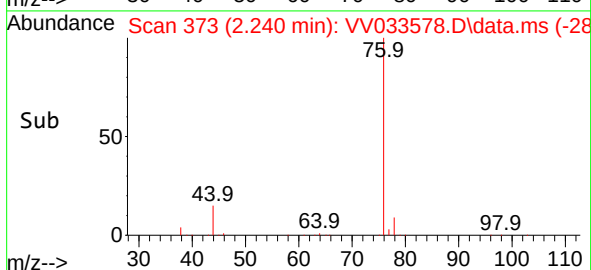
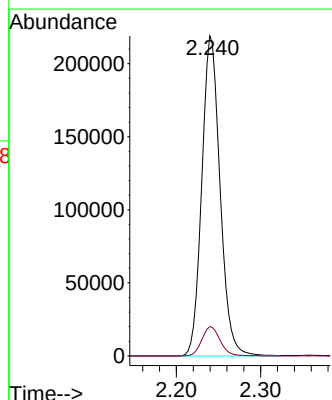
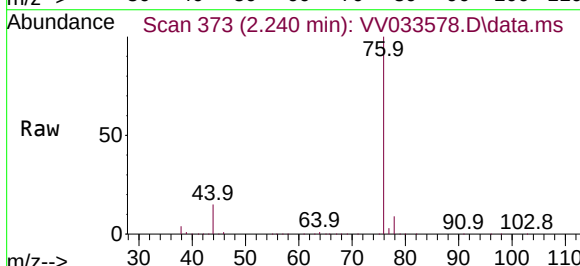
Acq: 11 Jan 2024 11:09

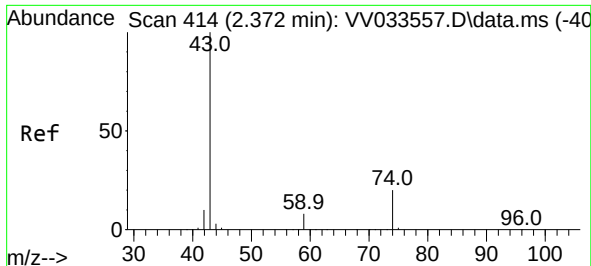
Tgt Ion: 76 Resp: 331021

Ion Ratio Lower Upper

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78 9.2 7.1 10.7

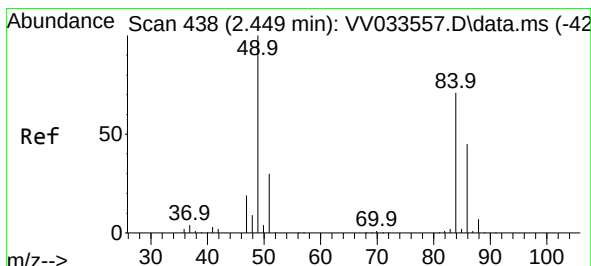
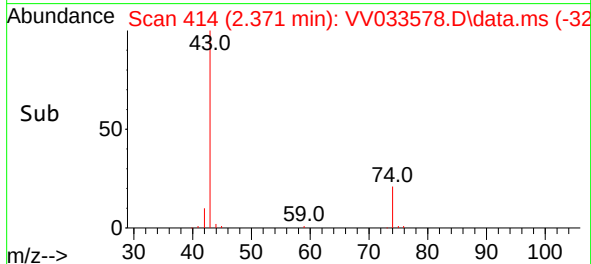
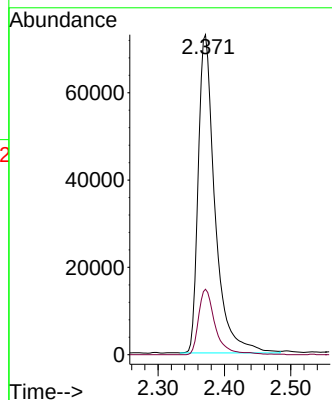
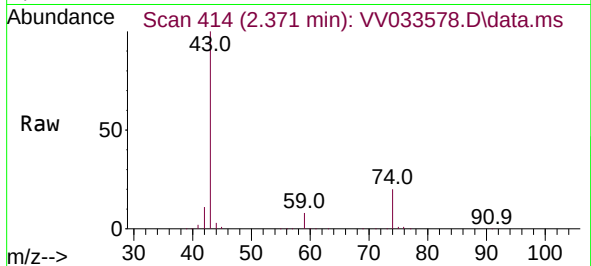




#15
Methyl Acetate
Concen: 48.262 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

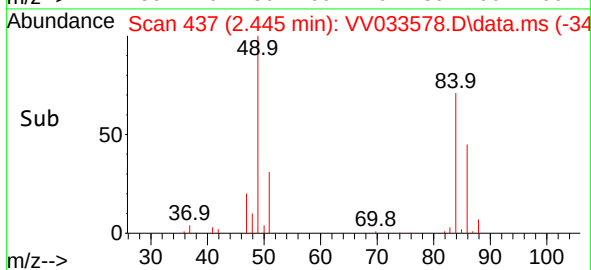
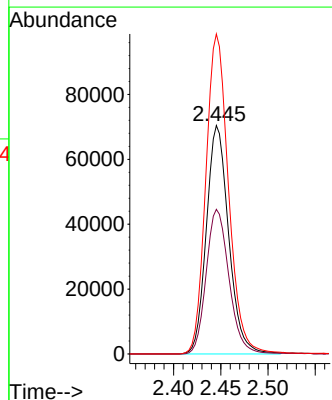
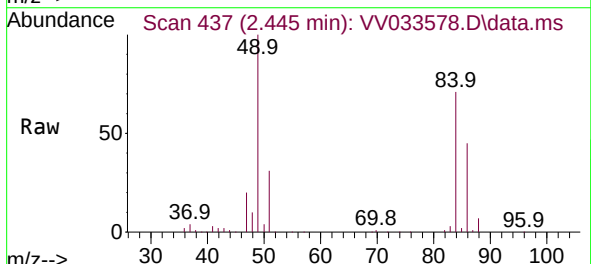
Instrument :
MSVOA_V
ClientSampleId :

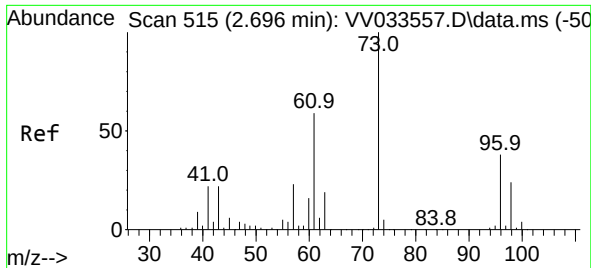
Tgt Ion: 43 Resp: 128138
Ion Ratio Lower Upper
43 100
74 20.0 0.0 0.0#



#16
Methylene chloride
Concen: 49.100 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion: 84 Resp: 115804
Ion Ratio Lower Upper
84 100
86 63.3 43.9 81.5
49 140.0 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 49.777 ug/L

RT: 2.693 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

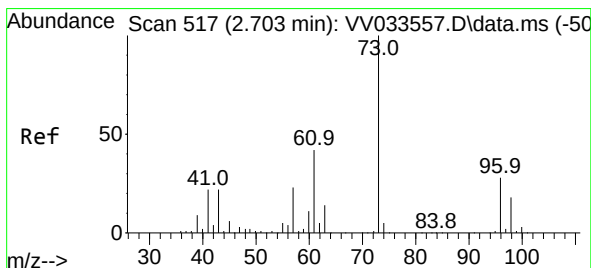
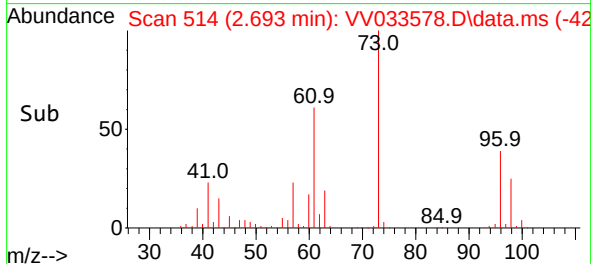
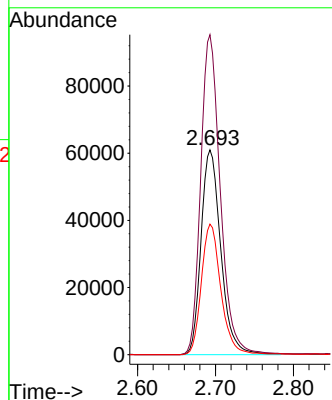
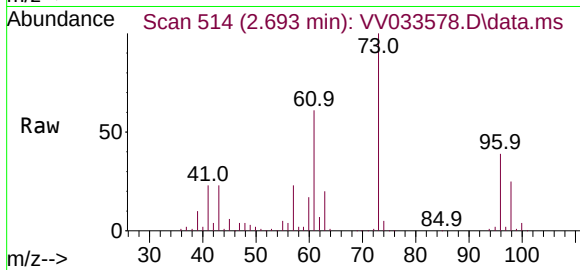
Tgt Ion: 96 Resp: 107499

Ion Ratio Lower Upper

96 100

61 156.2 108.4 201.4

98 63.7 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 49.817 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

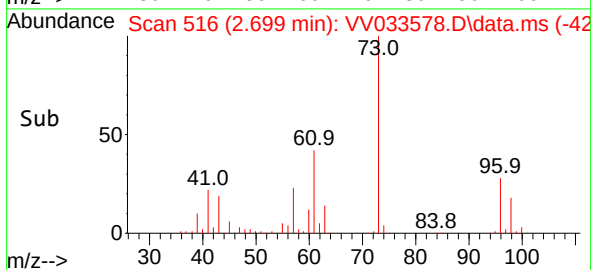
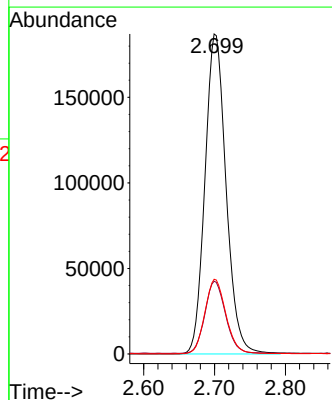
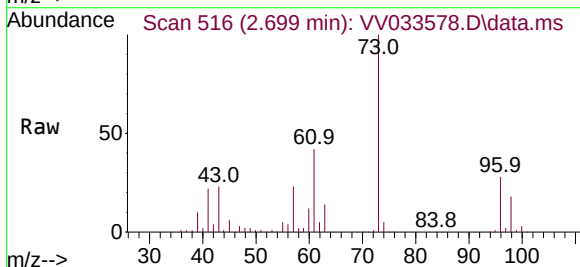
Tgt Ion: 73 Resp: 386937

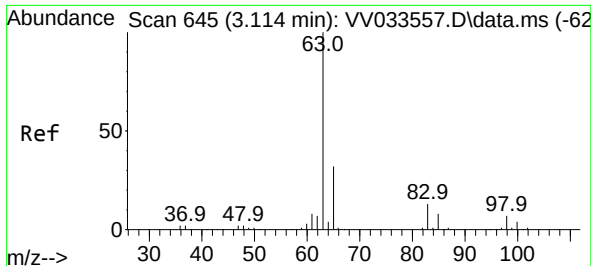
Ion Ratio Lower Upper

73 100

43 22.1 17.4 26.2

57 23.1 18.6 27.8





#19

1,1-Dichloroethane

Concen: 51.347 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

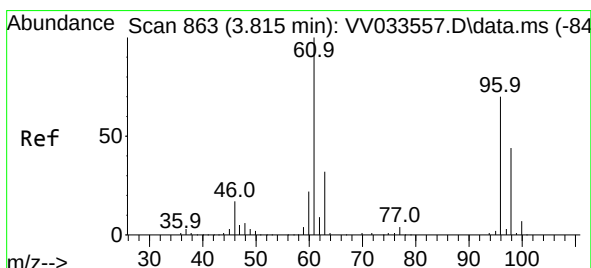
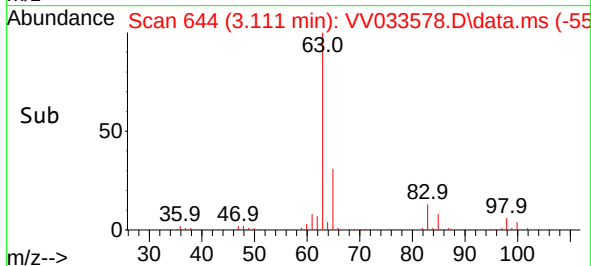
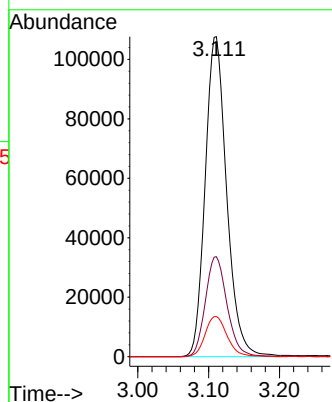
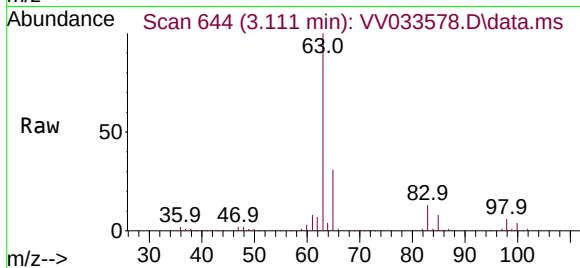
Tgt Ion: 63 Resp: 226704

Ion Ratio Lower Upper

63 100

65 31.3 22.4 41.6

83 12.6 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 50.106 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

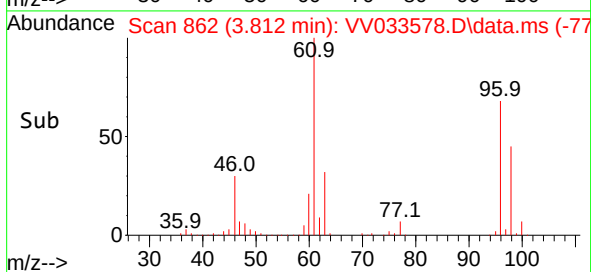
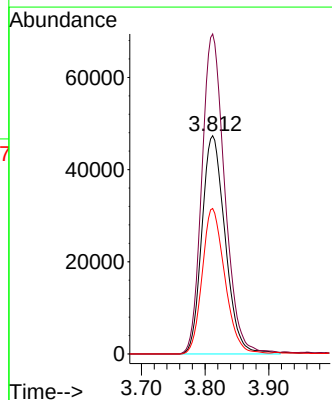
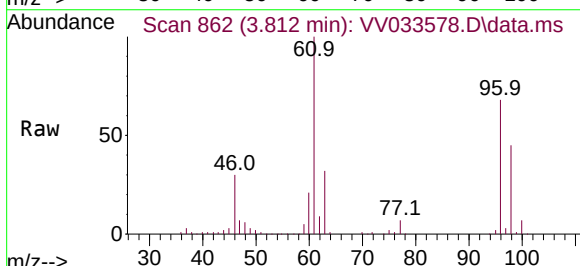
Tgt Ion: 96 Resp: 120433

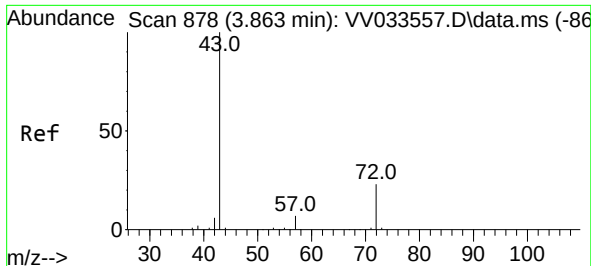
Ion Ratio Lower Upper

96 100

61 146.7 100.6 186.8

98 66.7 44.6 82.8

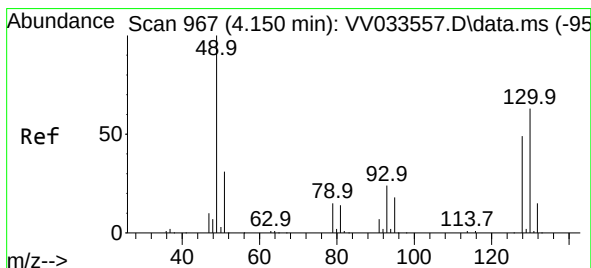
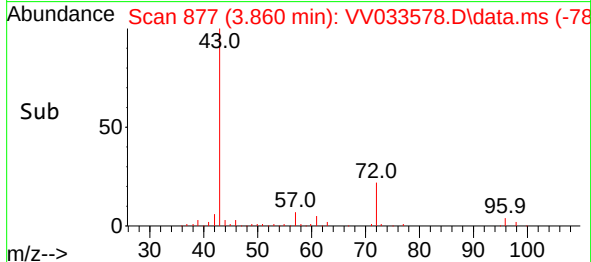
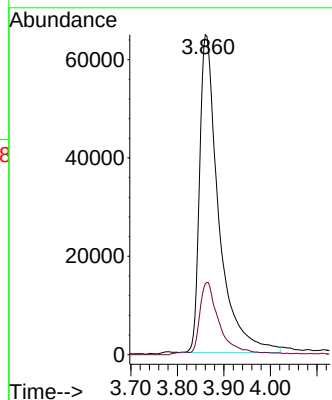
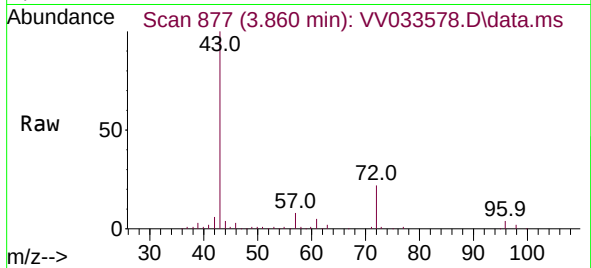




#22
2-Butanone
Concen: 93.771 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

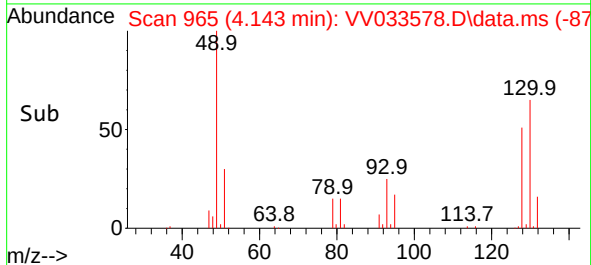
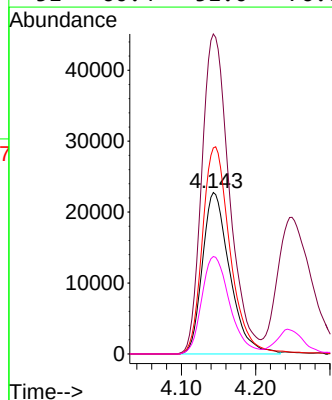
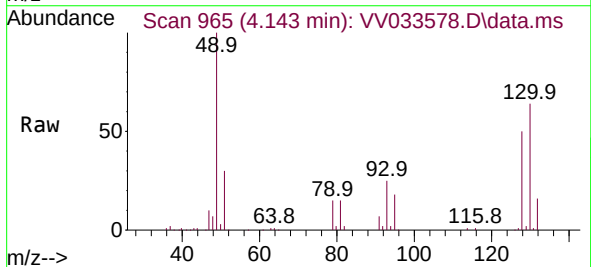
Instrument :
MSVOA_V
ClientSampleId :

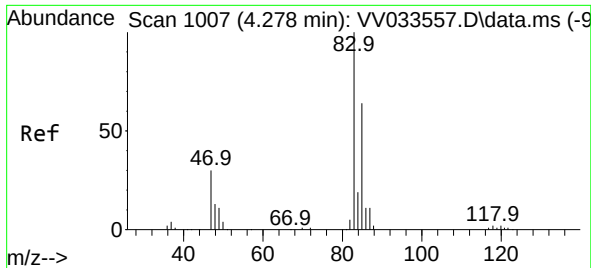
Tgt Ion: 43 Resp: 184914
Ion Ratio Lower Upper
43 100
72 20.7 11.9 35.5



#23
Bromochloromethane
Concen: 49.849 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.007 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion: 128 Resp: 58206
Ion Ratio Lower Upper
128 100
49 198.2 143.9 267.2
130 127.7 90.6 168.2
51 60.4 51.0 76.6





#25

Chloroform

Concen: 50.917 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.007 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

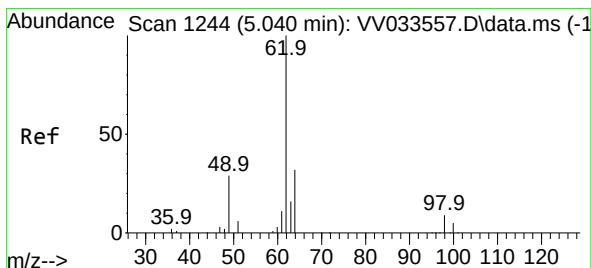
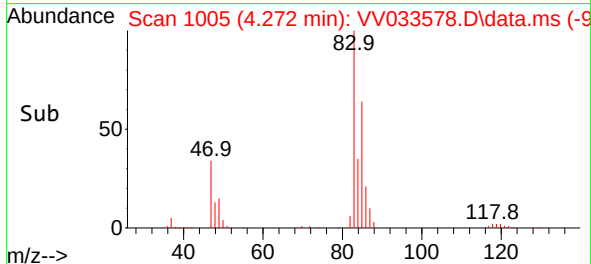
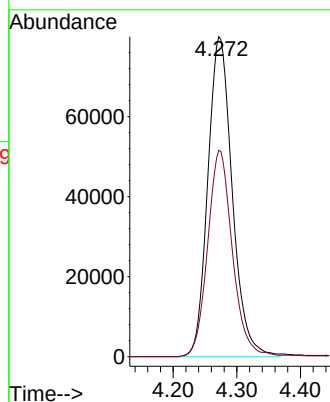
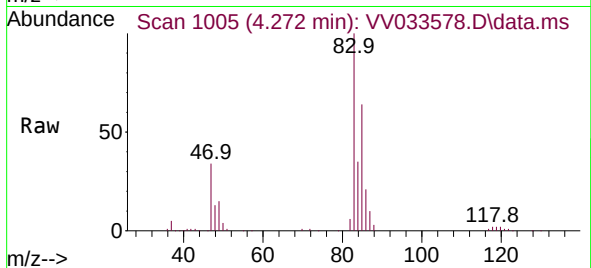
ClientSampleId :

Tgt Ion: 83 Resp: 213146

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.9



#27

1,2-Dichloroethane

Concen: 49.914 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV033578.D

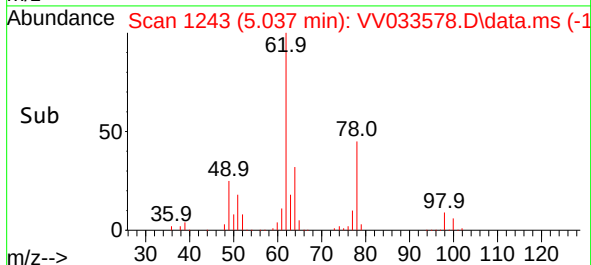
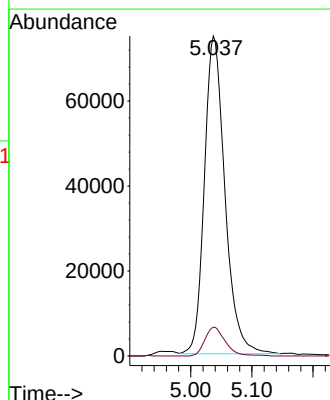
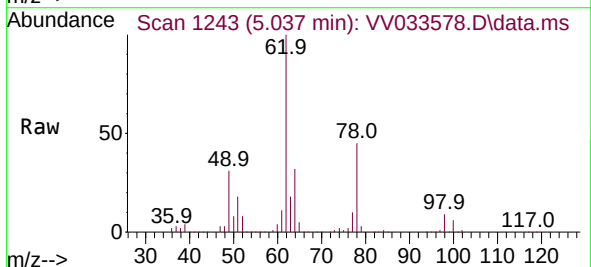
Acq: 11 Jan 2024 11:09

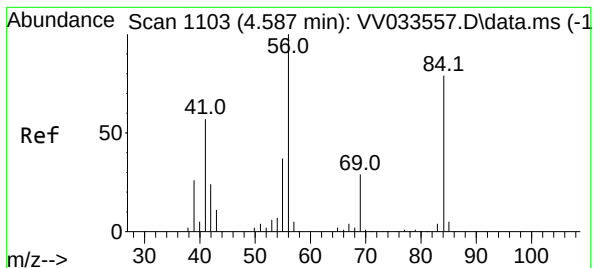
Tgt Ion: 62 Resp: 174522

Ion Ratio Lower Upper

62 100

98 9.0 6.8 10.2





#29

Cyclohexane

Concen: 51.465 ug/L

RT: 4.580 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

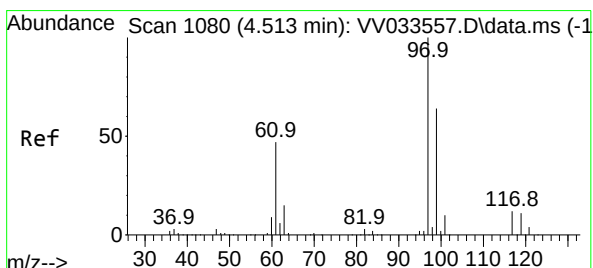
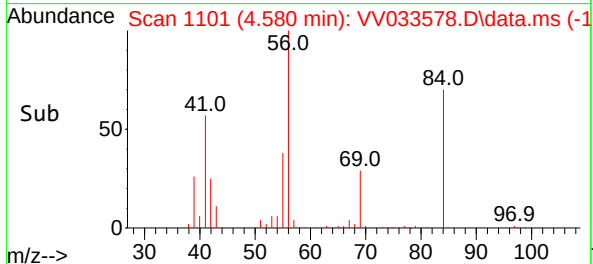
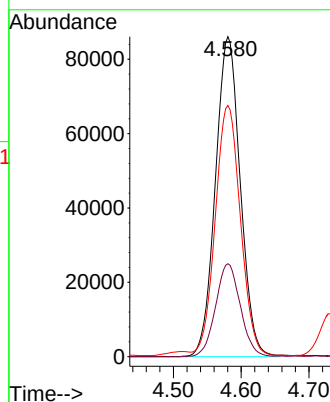
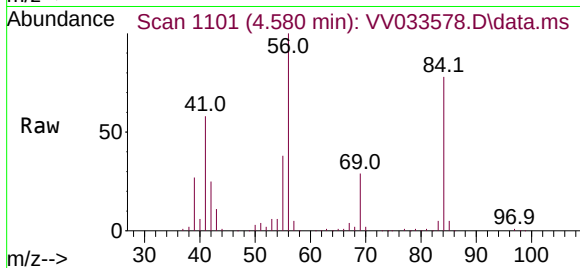
Tgt Ion: 56 Resp: 219461

Ion Ratio Lower Upper

56 100

69 28.9 23.8 35.6

84 78.8 63.8 95.6



#30

1,1,1-Trichloroethane

Concen: 51.486 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

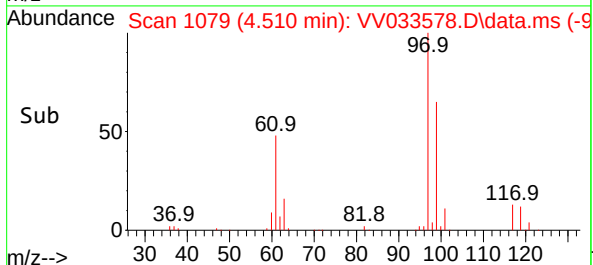
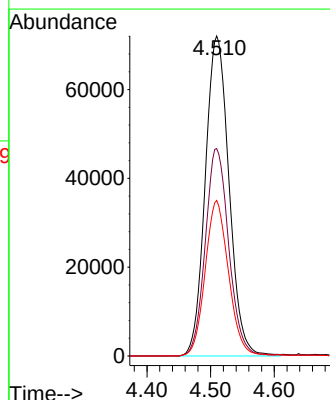
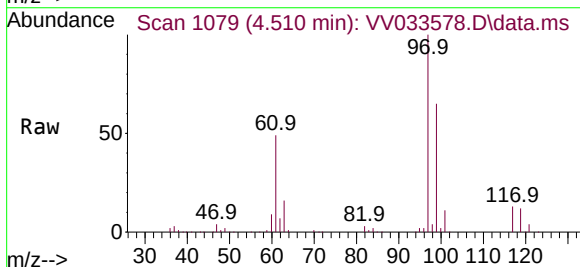
Tgt Ion: 97 Resp: 186892

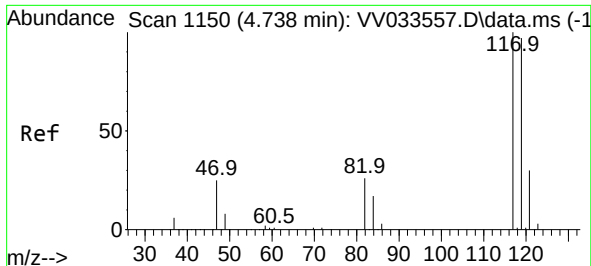
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 47.7 38.2 57.2

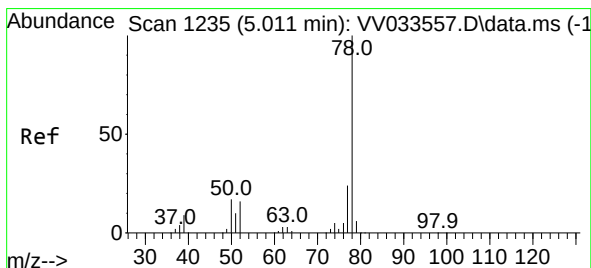
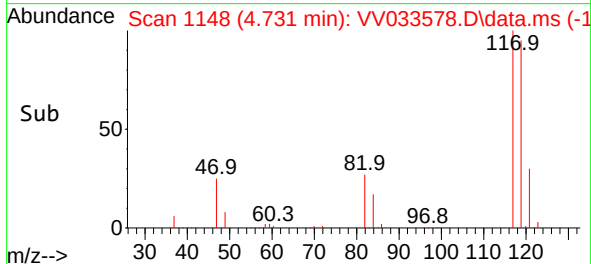
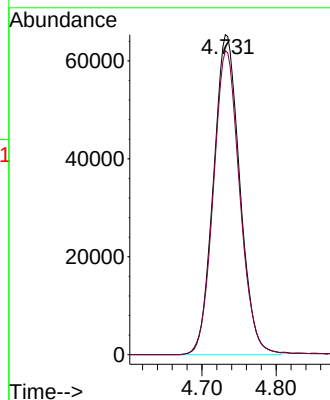
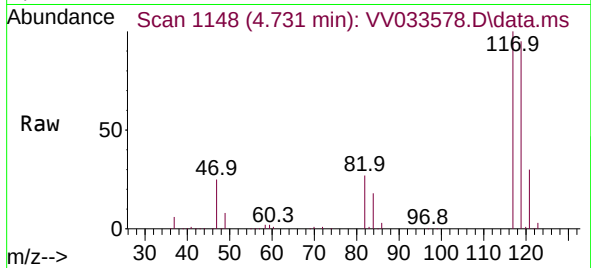




#31
Carbon tetrachloride
Concen: 51.946 ug/L
RT: 4.731 min Scan# 1150
Delta R.T. -0.007 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

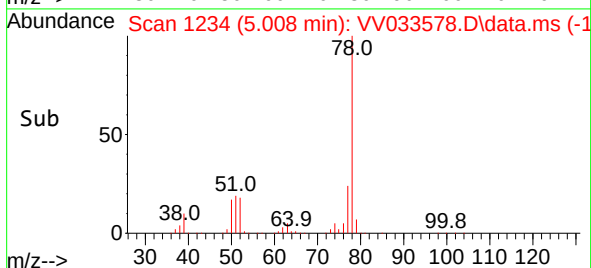
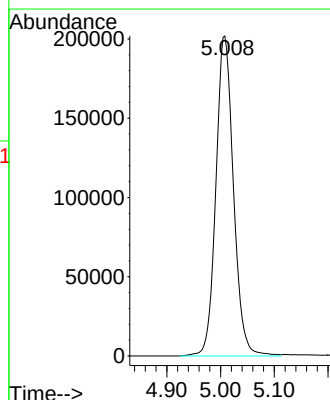
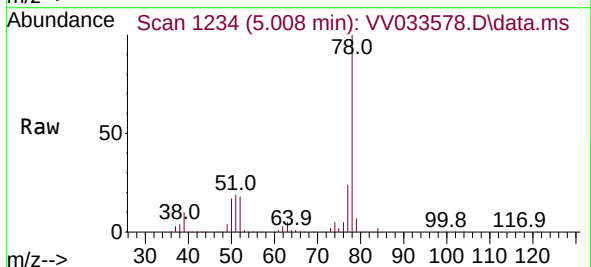
Instrument :
MSVOA_V
ClientSampleId :

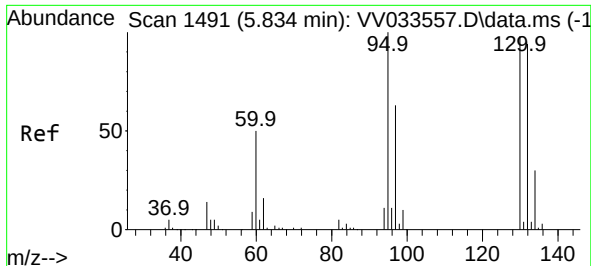
Tgt Ion:117 Resp: 160950
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4



#33
Benzene
Concen: 51.591 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion: 78 Resp: 458352

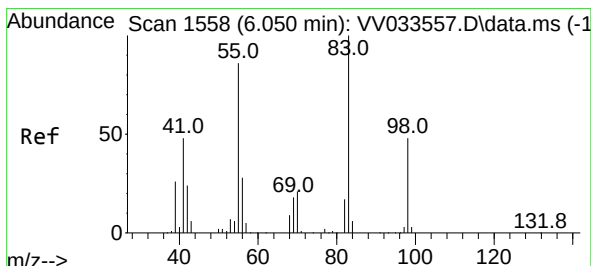
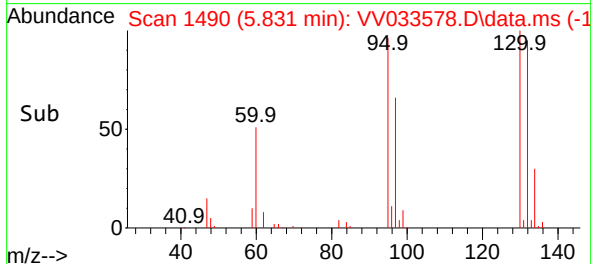
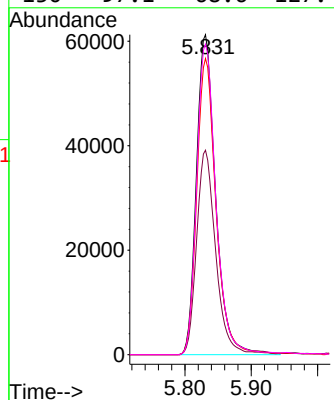
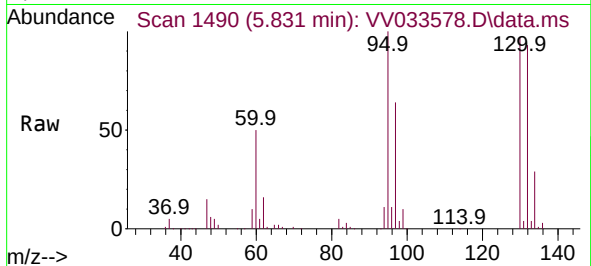




#34
Trichloroethene
Concen: 51.856 ug/L
RT: 5.831 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

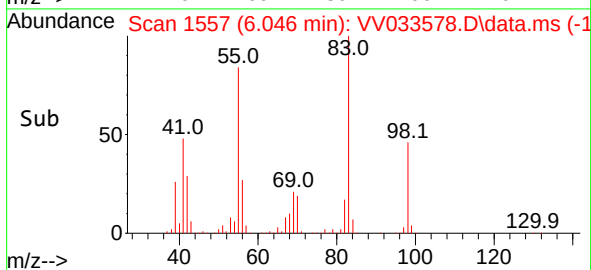
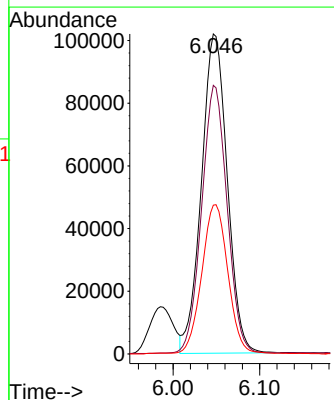
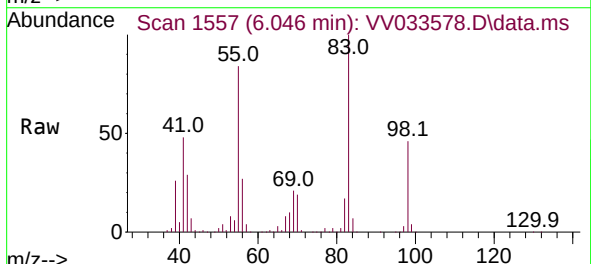
Instrument :
MSVOA_V
ClientSampleId :

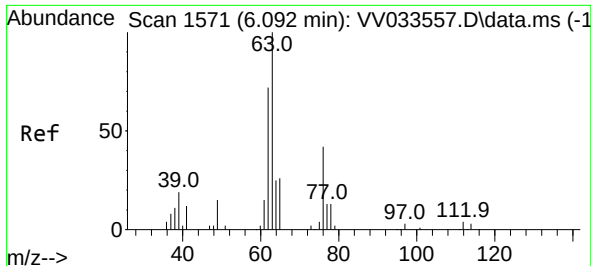
Tgt Ion: 95 Resp: 123584
Ion Ratio Lower Upper
95 100
97 63.9 44.4 82.4
132 92.5 65.5 121.7
130 97.1 68.6 127.4



#35
Methylcyclohexane
Concen: 51.846 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion: 83 Resp: 211452
Ion Ratio Lower Upper
83 100
55 82.6 67.1 100.7
98 46.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 51.808 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

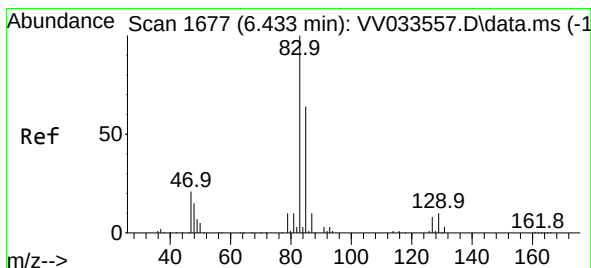
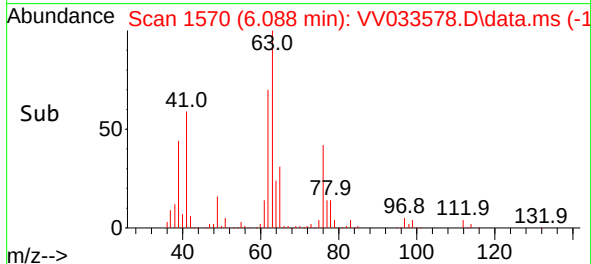
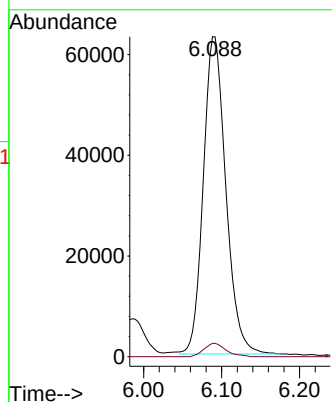
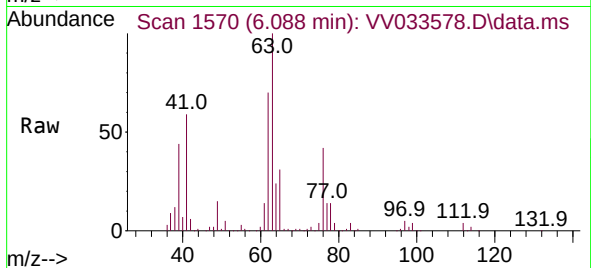
ClientSampleId :

Tgt Ion: 63 Resp: 126660

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 51.644 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

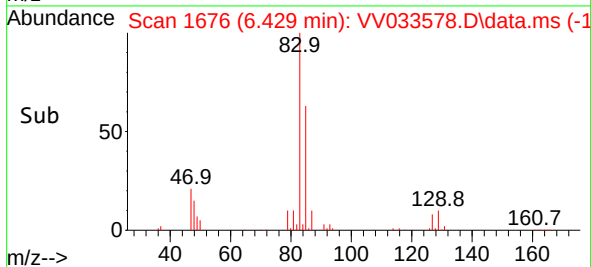
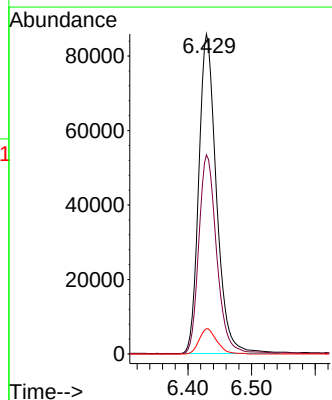
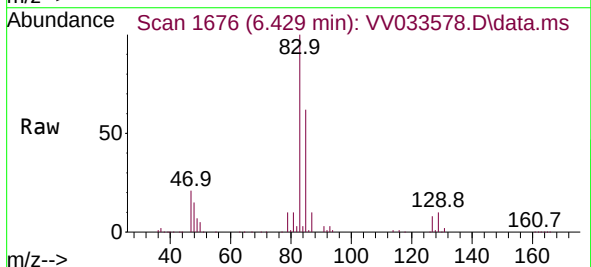
Tgt Ion: 83 Resp: 165170

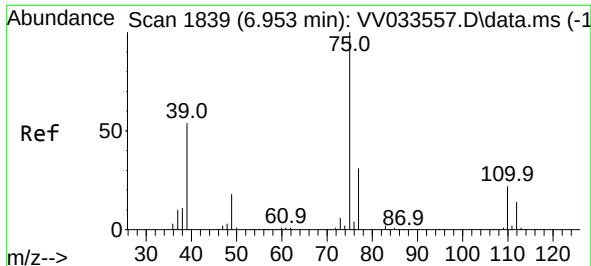
Ion Ratio Lower Upper

83 100

85 62.2 45.1 83.7

127 7.9 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 49.350 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

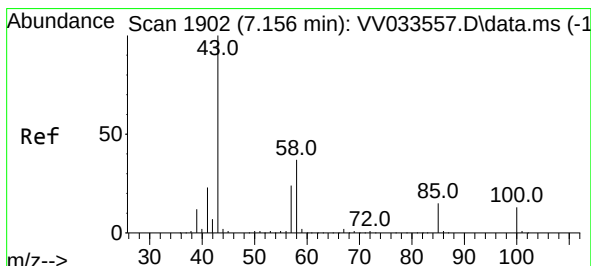
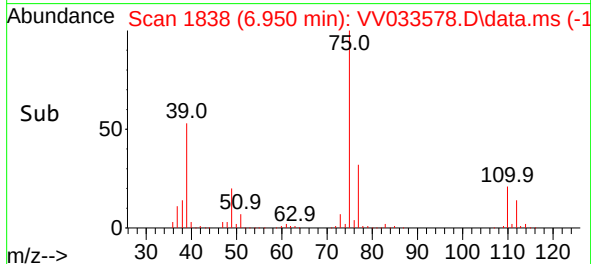
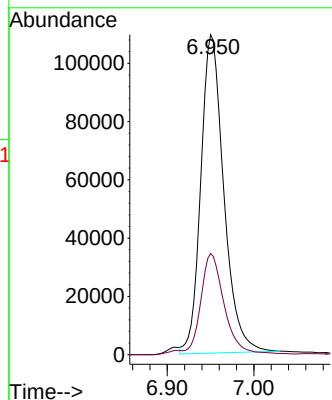
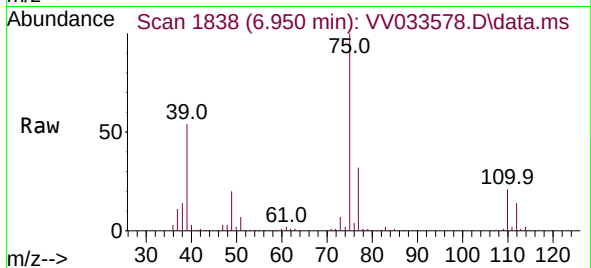
ClientSampleId :

Tgt Ion: 75 Resp: 201475

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 94.631 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

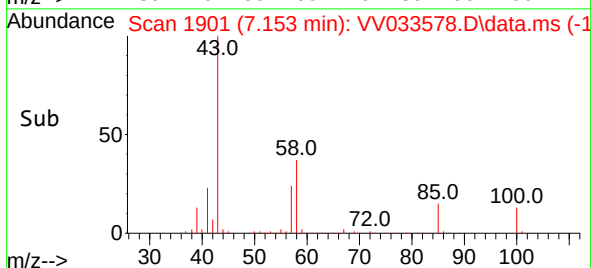
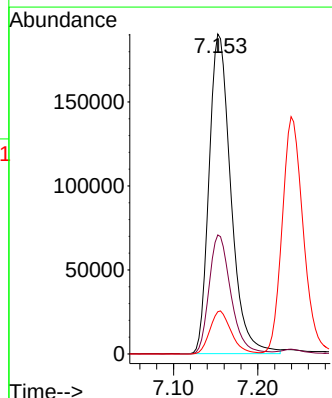
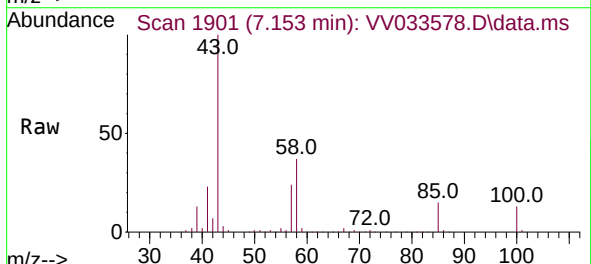
Tgt Ion: 43 Resp: 342803

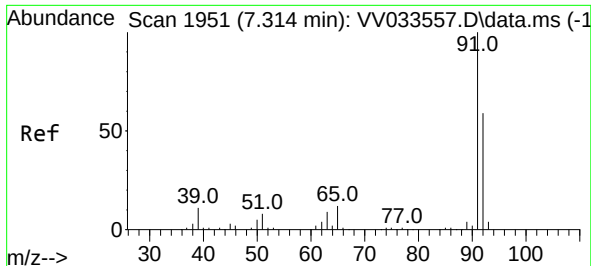
Ion Ratio Lower Upper

43 100

58 37.3 29.6 44.4

100 13.2 10.6 16.0





#42

Toluene

Concen: 50.962 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

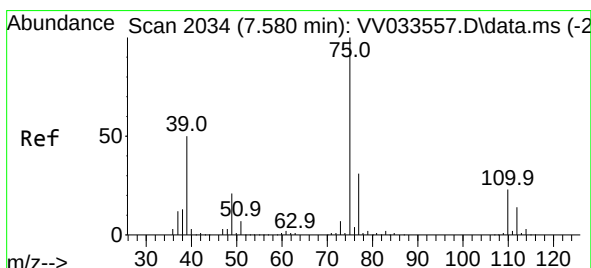
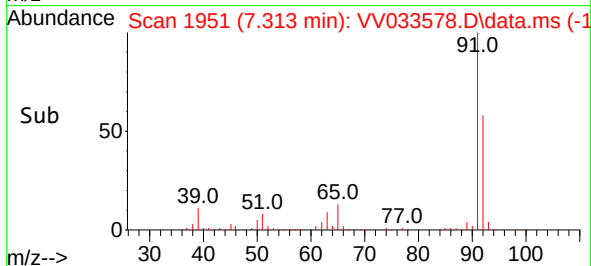
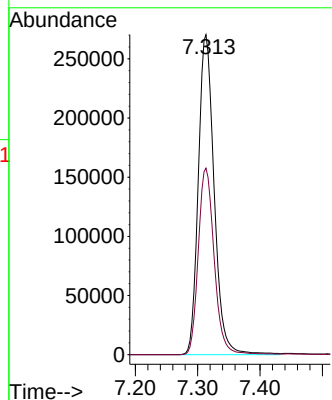
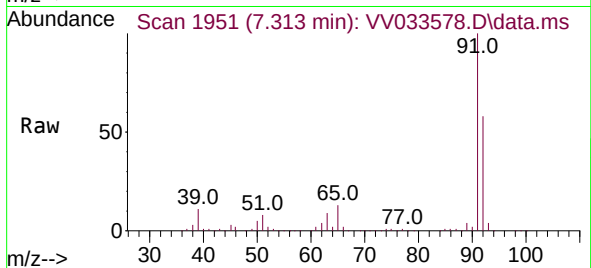
ClientSampleId :

Tgt Ion: 91 Resp: 478610

Ion Ratio Lower Upper

91 100

92 58.3 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 51.979 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV033578.D

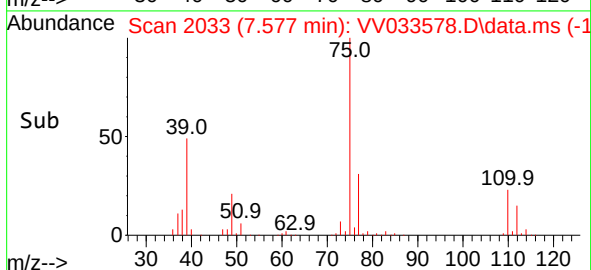
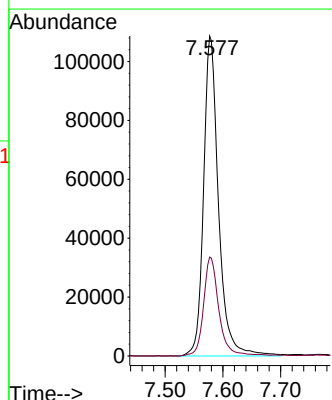
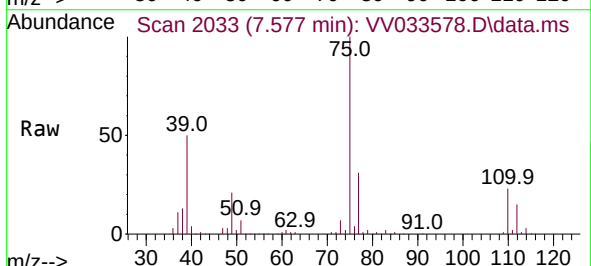
Acq: 11 Jan 2024 11:09

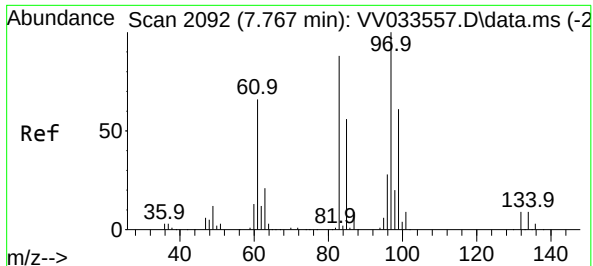
Tgt Ion: 75 Resp: 195555

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 50.373 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 111740

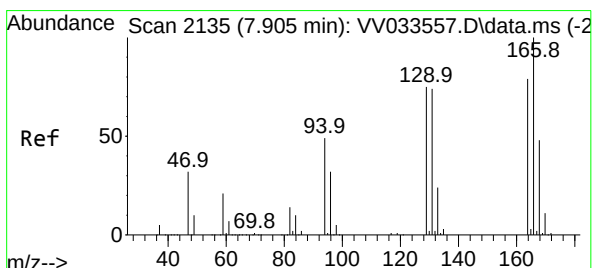
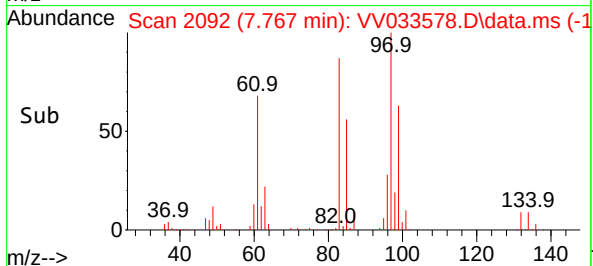
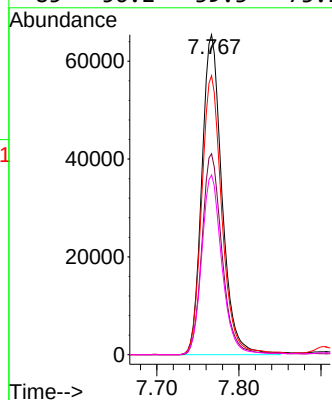
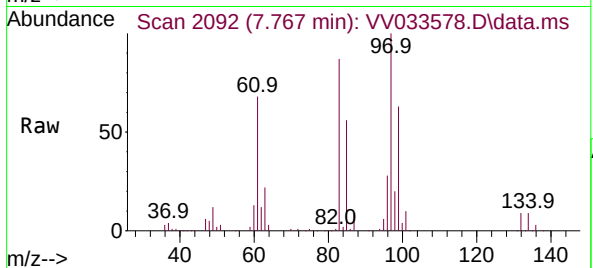
Ion Ratio Lower Upper

97 100

99 62.8 42.8 79.6

83 87.2 61.2 113.8

85 56.2 39.3 73.1



#46

Tetrachloroethene

Concen: 50.545 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Tgt Ion:164 Resp: 88354

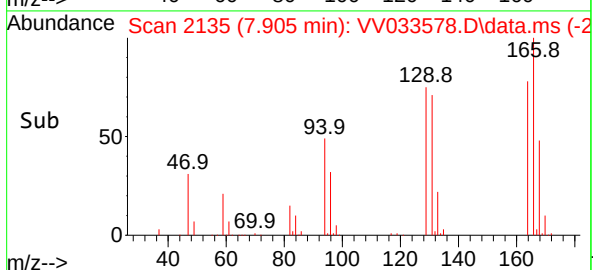
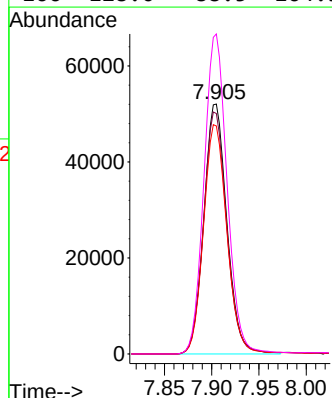
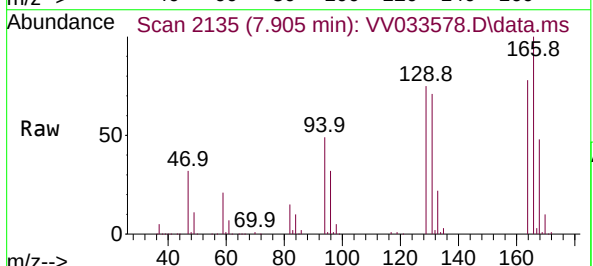
Ion Ratio Lower Upper

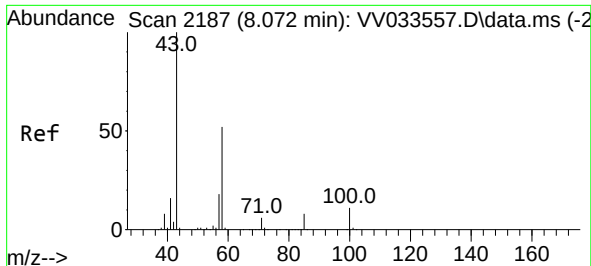
164 100

129 96.2 66.1 122.7

131 91.3 65.9 122.5

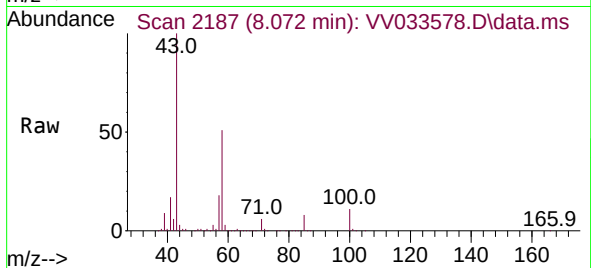
166 128.0 88.5 164.3





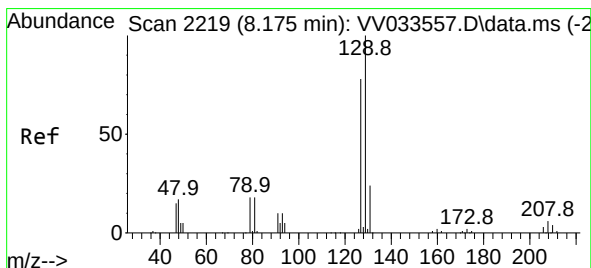
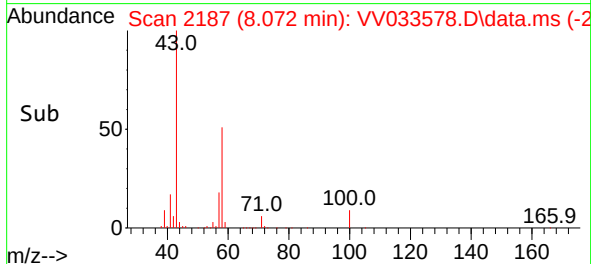
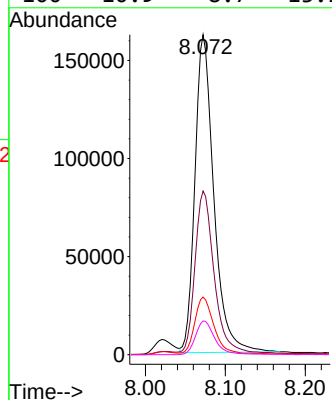
#48
2-Hexanone
Concen: 92.523 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 267067

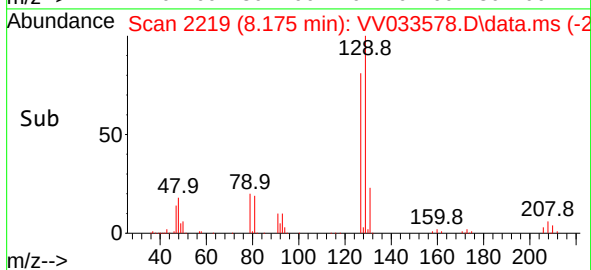
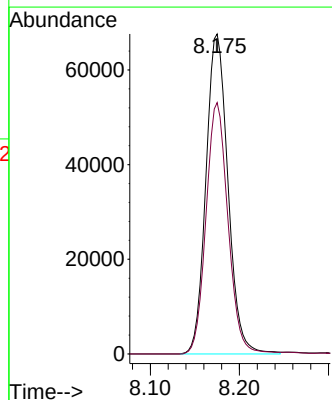
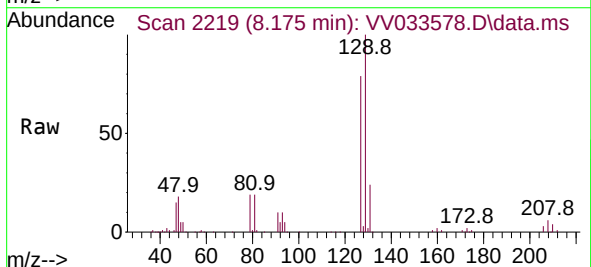
Ion	Ratio	Lower	Upper
43	100		
58	51.2	42.3	63.5
57	17.4	14.2	21.2
100	10.9	8.7	13.1

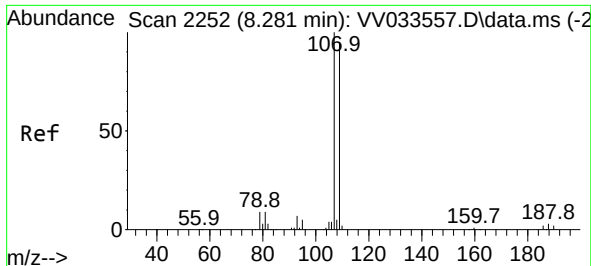


#49
Dibromochloromethane
Concen: 50.314 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion: 129 Resp: 116241

Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.5	101.3

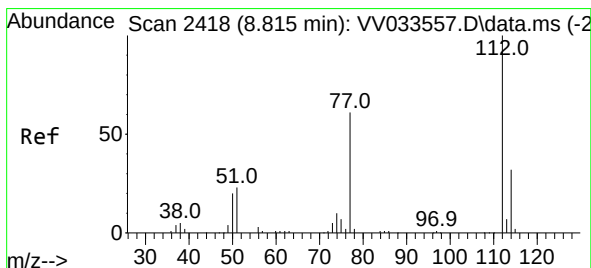
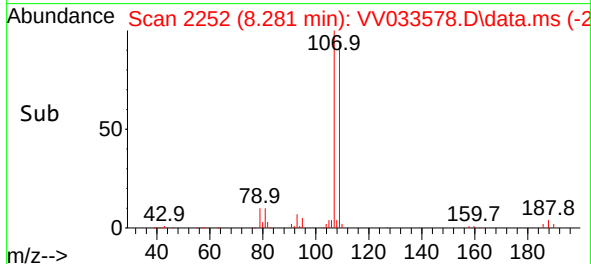
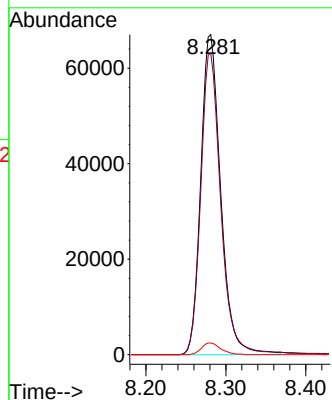
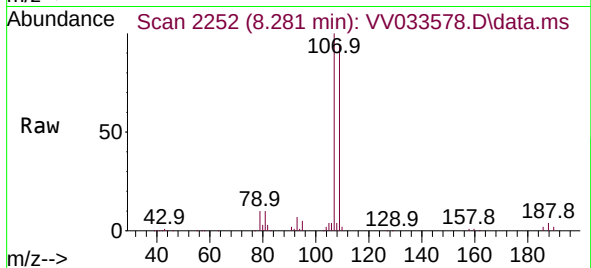




#50
1,2-Dibromoethane
Concen: 49.805 ug/L
RT: 8.281 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

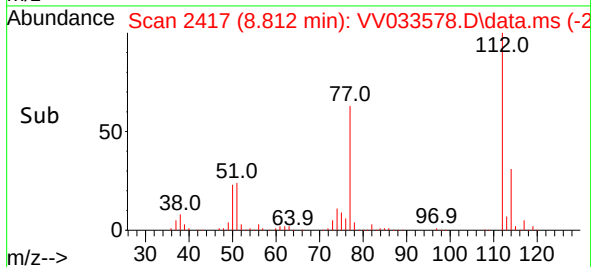
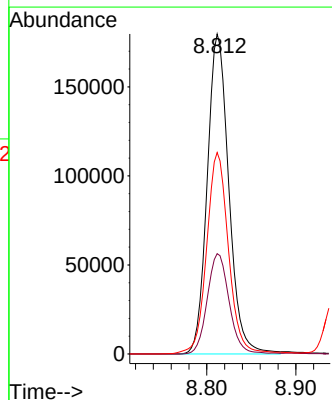
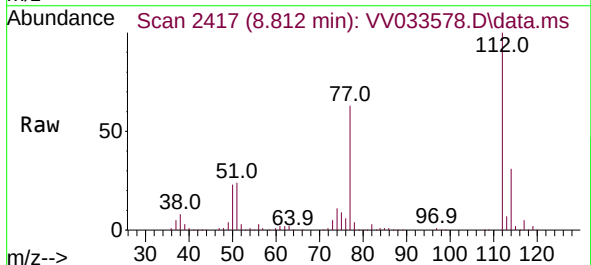
Instrument :
MSVOA_V
ClientSampleId :

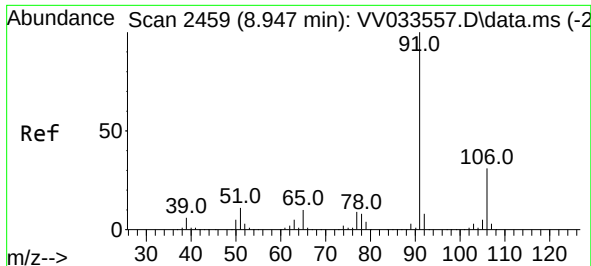
Tgt Ion:107 Resp: 116753
Ion Ratio Lower Upper
107 100
109 94.2 66.4 123.4
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 50.510 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion:112 Resp: 302166
Ion Ratio Lower Upper
112 100
114 31.4 22.5 41.7
77 63.0 49.4 74.0

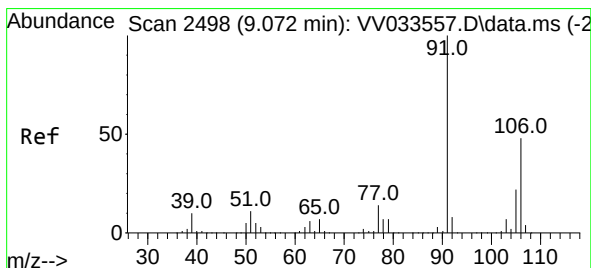
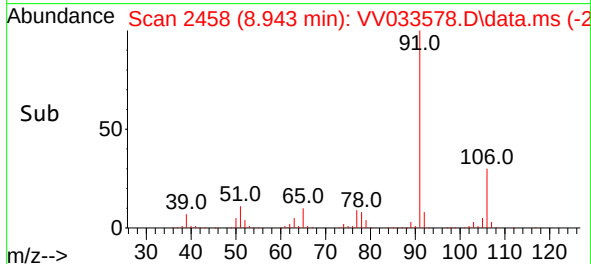
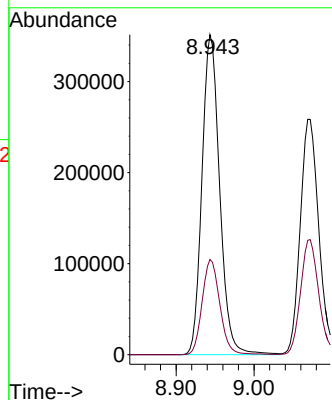
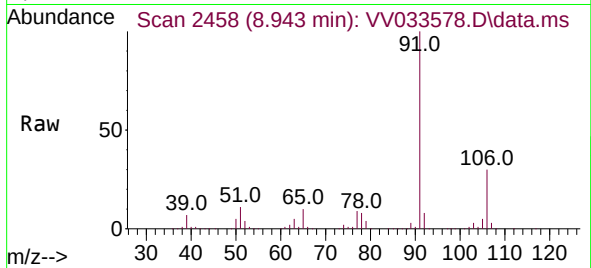




#52
Ethylbenzene
Concen: 50.934 ug/L
RT: 8.943 min Scan# 2459
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

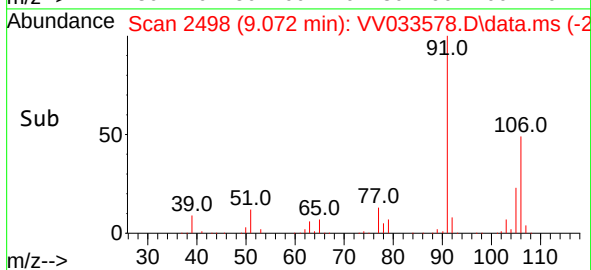
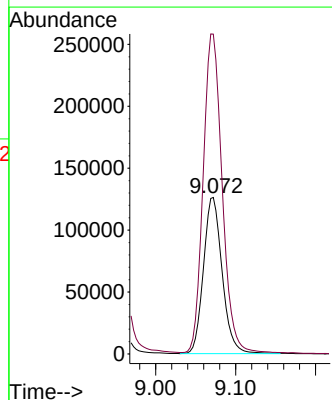
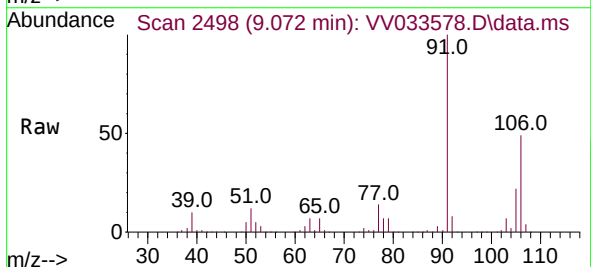
Instrument :
MSVOA_V
ClientSampleId :

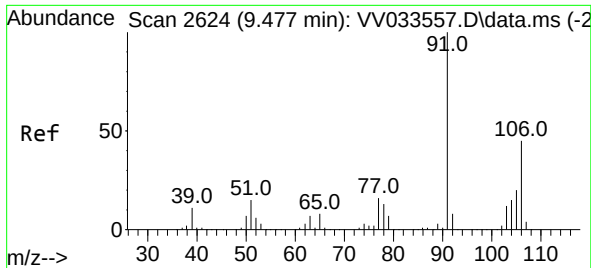
Tgt Ion: 91 Resp: 554044
Ion Ratio Lower Upper
91 100
106 29.8 21.5 39.9



#53
m,p-Xylene
Concen: 51.157 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion: 106 Resp: 205438
Ion Ratio Lower Upper
106 100
91 204.4 146.1 271.3

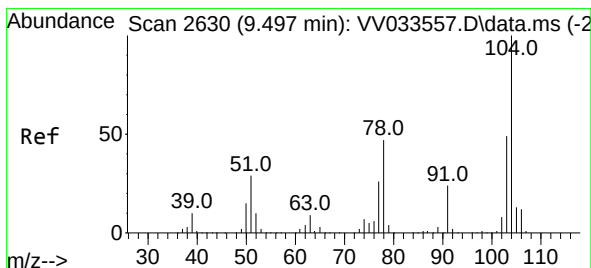
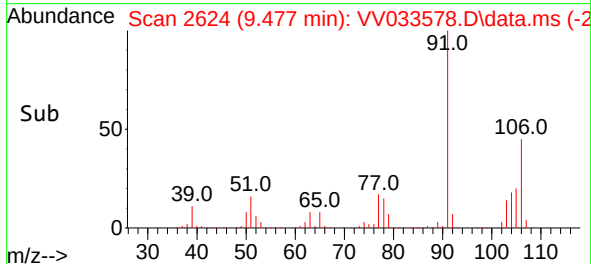
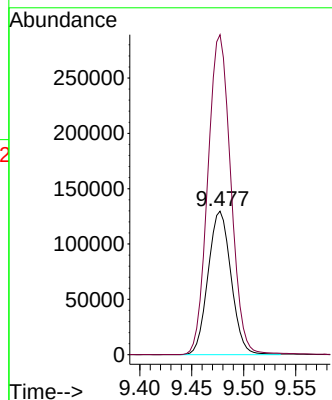
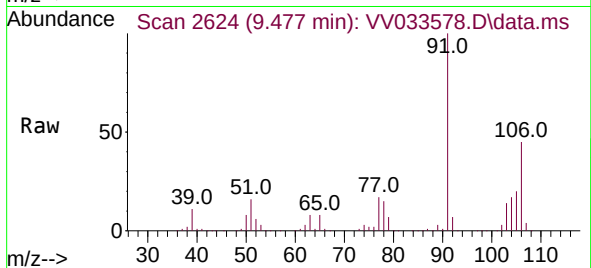




#54
o-Xylene
Concen: 50.228 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

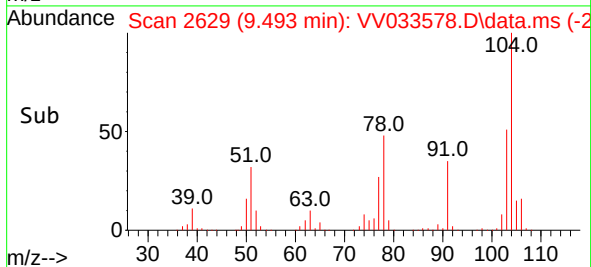
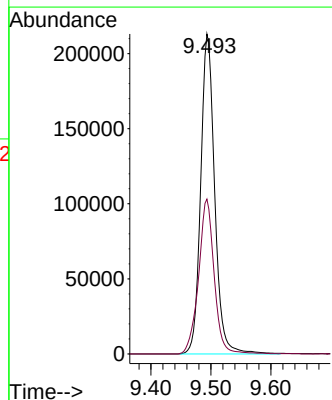
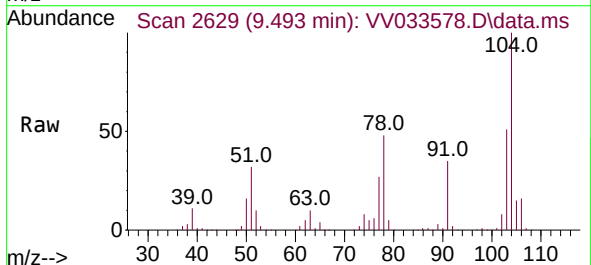
Instrument :
MSVOA_V
ClientSampleId :

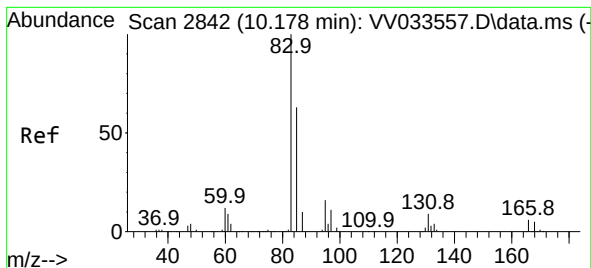
Tgt Ion:106 Resp: 199690
Ion Ratio Lower Upper
106 100
91 222.9 155.2 288.2



#55
Styrene
Concen: 50.621 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion:104 Resp: 347462
Ion Ratio Lower Upper
104 100
78 48.4 33.0 61.4

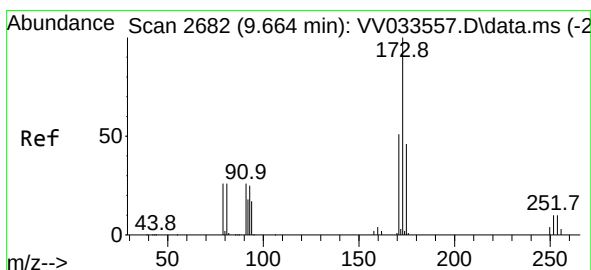
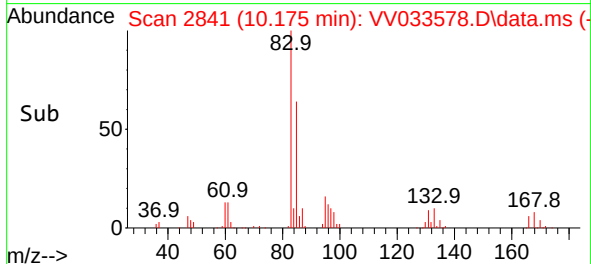
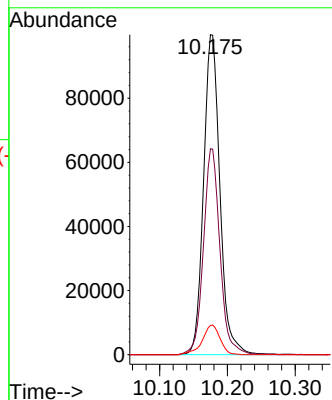
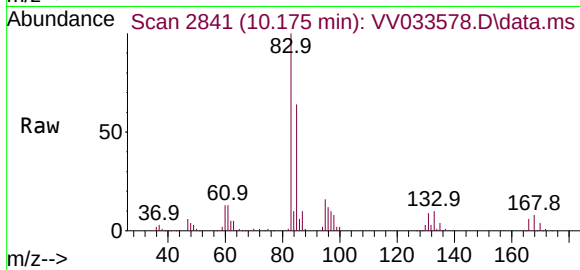




#57
1,1,2,2-Tetrachloroethane
Concen: 47.350 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

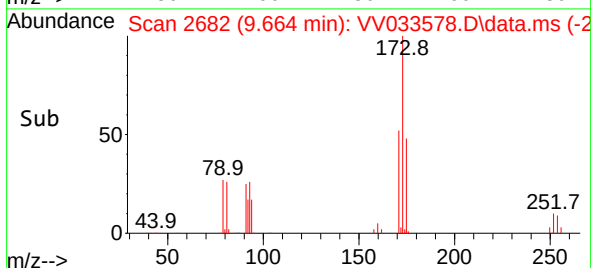
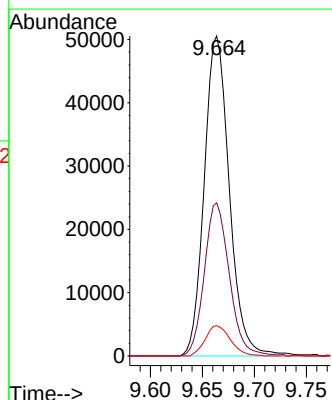
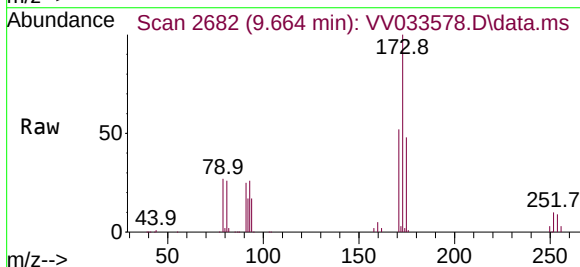
Instrument :
MSVOA_V
ClientSampleId :

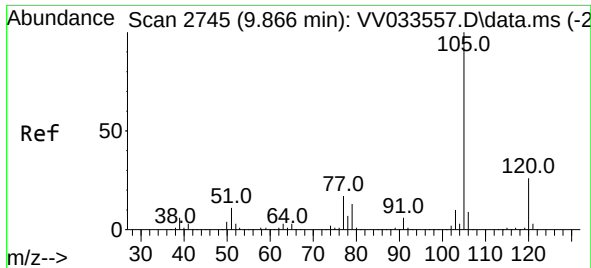
Tgt Ion: 83 Resp: 167156
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.5
131 9.2 7.5 11.3



#59
Bromoform
Concen: 50.431 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion: 173 Resp: 84745
Ion Ratio Lower Upper
173 100
175 47.6 37.2 55.8
254 9.5 7.4 11.0

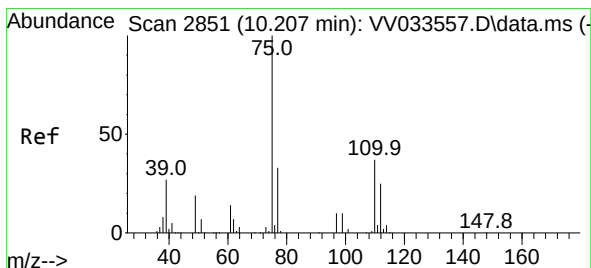
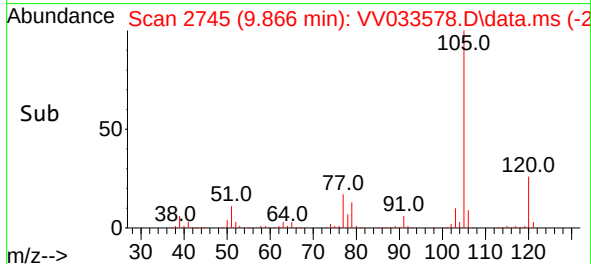
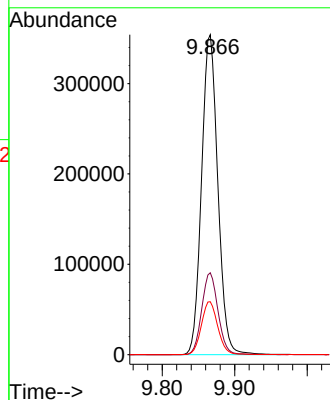
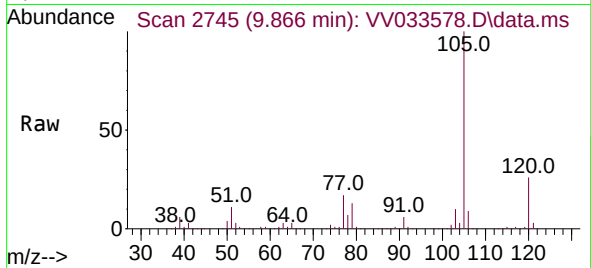




#60
Isopropylbenzene
Concen: 51.565 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

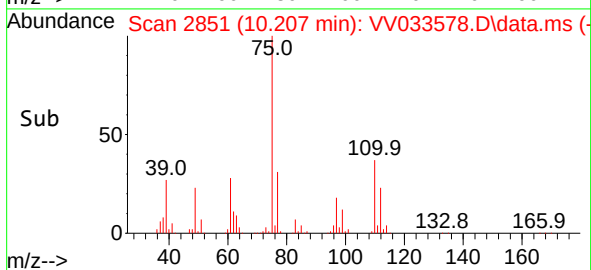
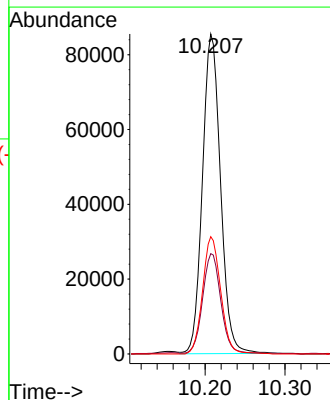
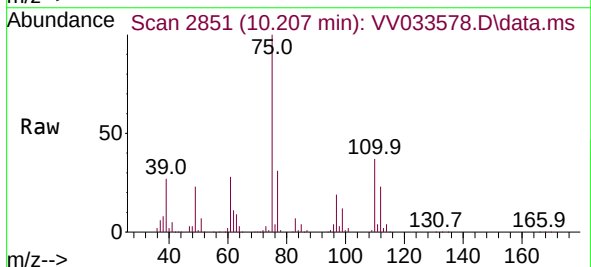
Instrument :
MSVOA_V
ClientSampleId :

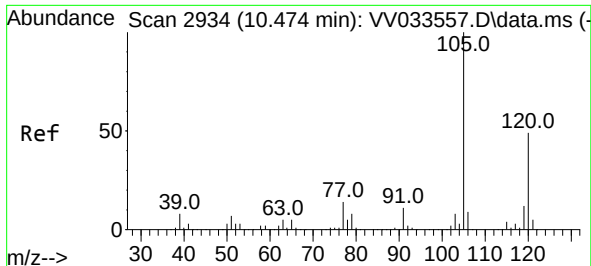
Tgt Ion:105 Resp: 551604
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.8 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 47.999 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion: 75 Resp: 134685
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
110 36.6 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 51.254 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

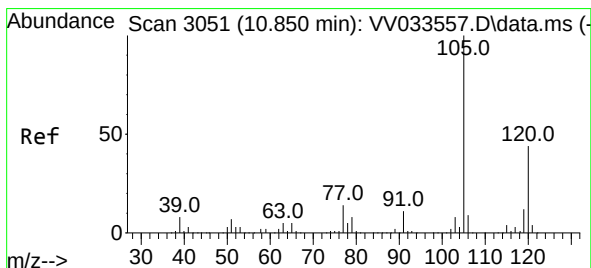
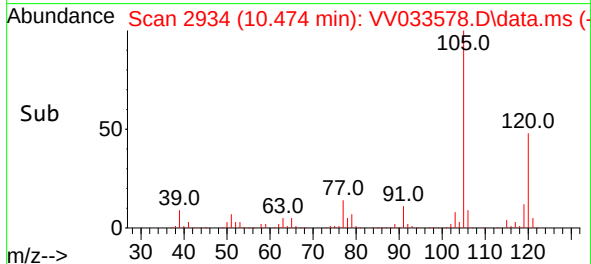
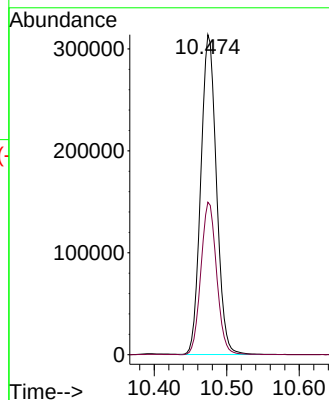
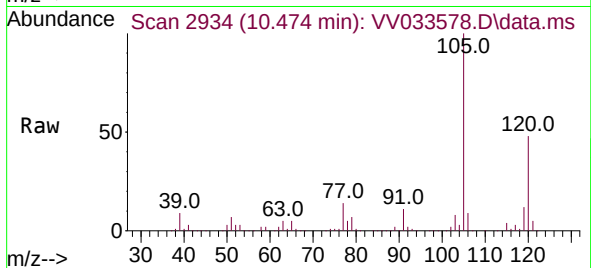
ClientSampleId :

Tgt Ion:105 Resp: 470428

Ion Ratio Lower Upper

105 100

120 47.9 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 51.529 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033578.D

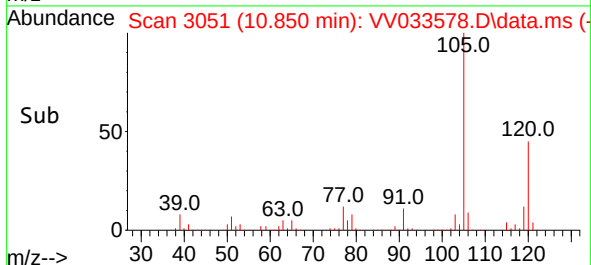
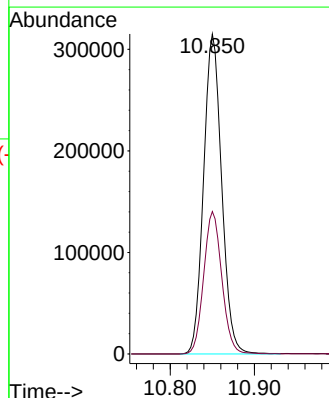
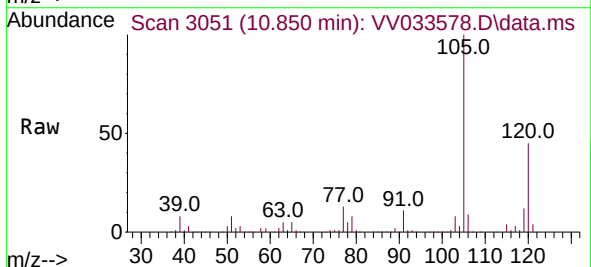
Acq: 11 Jan 2024 11:09

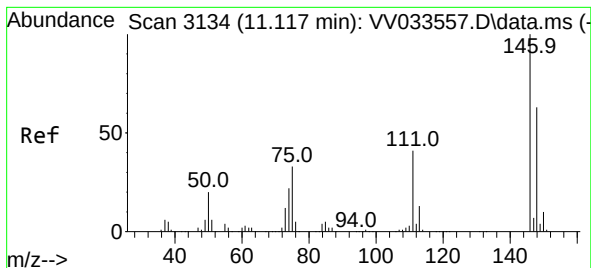
Tgt Ion:105 Resp: 471241

Ion Ratio Lower Upper

105 100

120 44.6 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 50.438 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

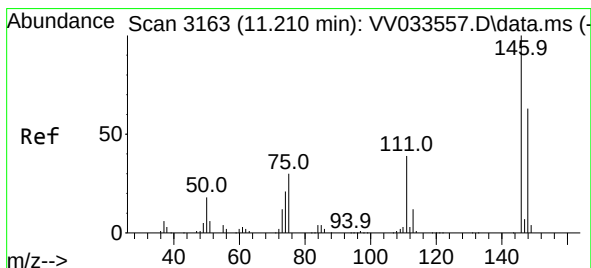
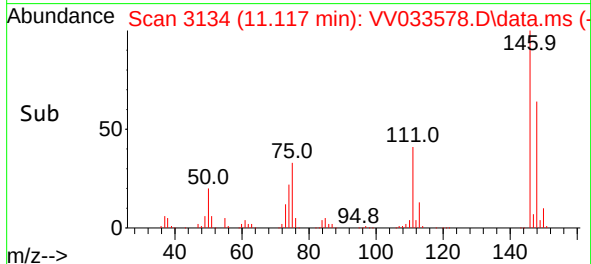
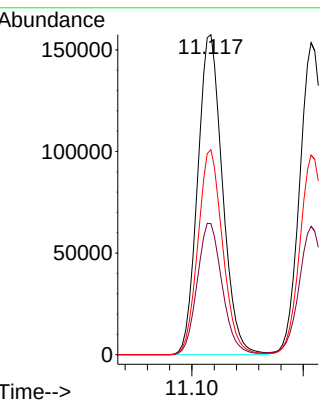
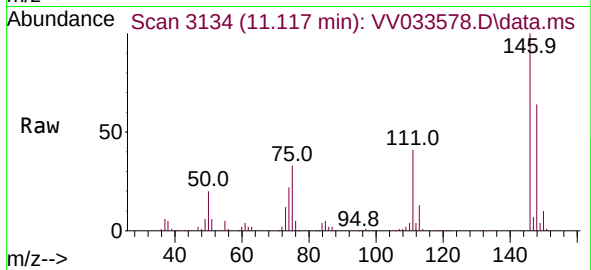
Tgt Ion:146 Resp: 243713

Ion Ratio Lower Upper

146 100

111 41.0 29.0 53.8

148 64.1 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 50.196 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

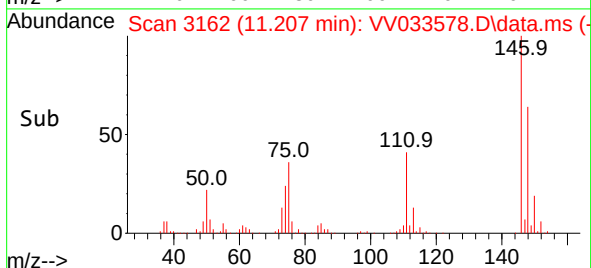
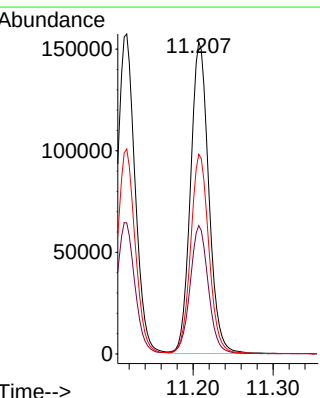
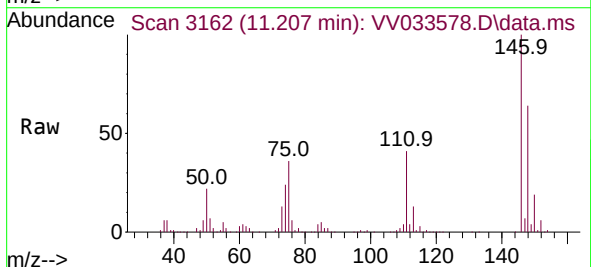
Tgt Ion:146 Resp: 243199

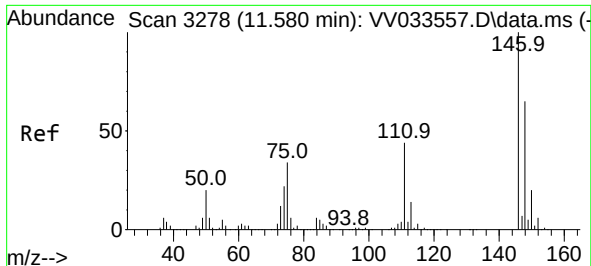
Ion Ratio Lower Upper

146 100

111 41.2 27.7 51.5

148 64.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 51.066 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

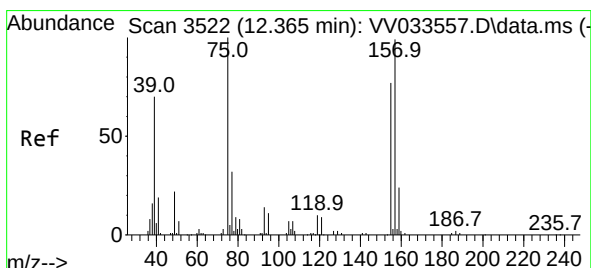
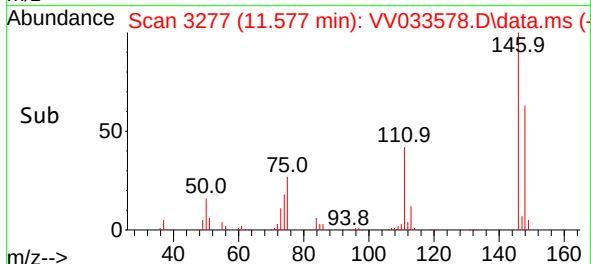
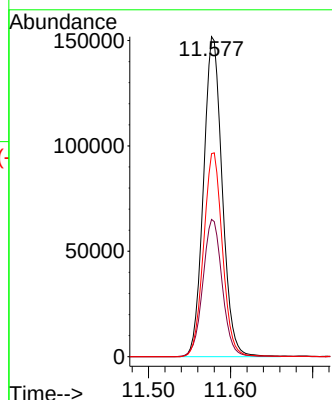
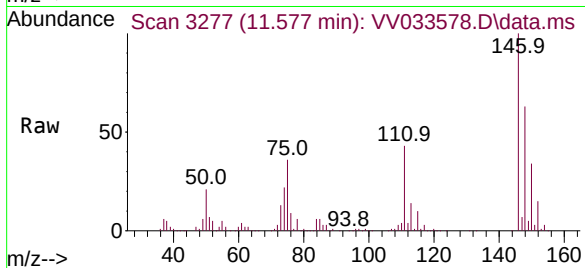
Tgt Ion:146 Resp: 241100

Ion Ratio Lower Upper

146 100

111 42.9 35.4 53.0

148 63.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 46.874 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033578.D

Acq: 11 Jan 2024 11:09

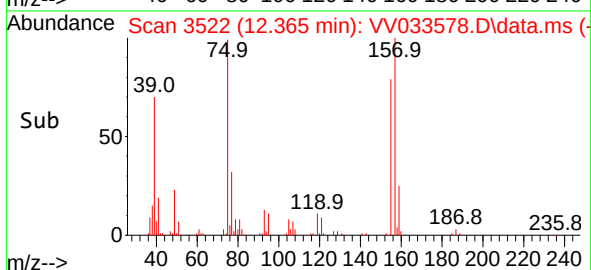
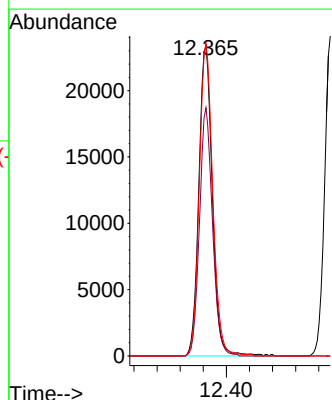
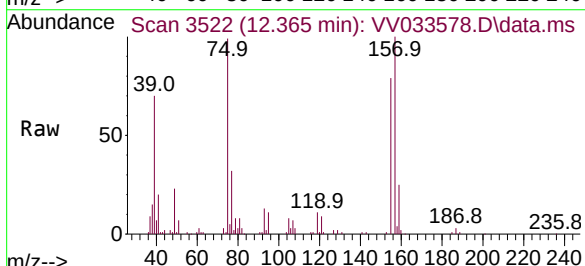
Tgt Ion: 75 Resp: 37955

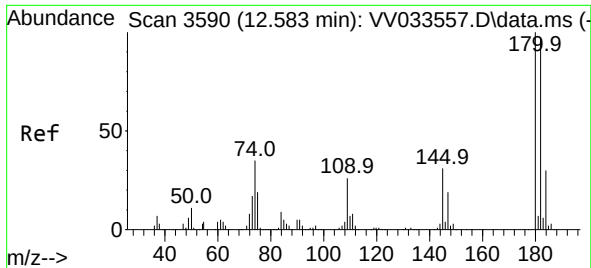
Ion Ratio Lower Upper

75 100

155 80.0 61.6 92.4

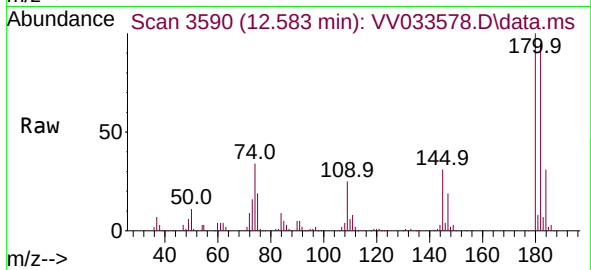
157 100.7 79.2 118.8



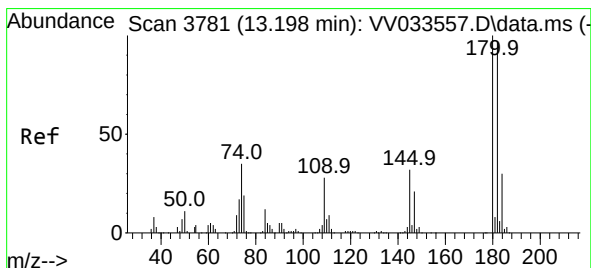
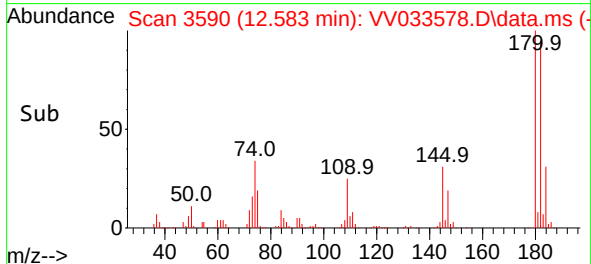
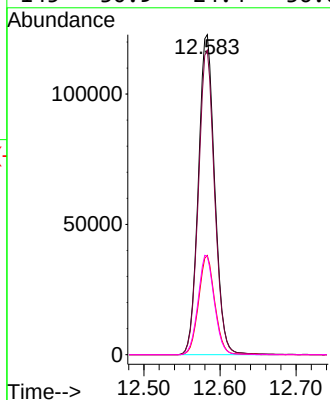


#69
1,3,5-Trichlorobenzene
Concen: 51.486 ug/L
RT: 12.583 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Instrument :
MSVOA_V
ClientSampleId :

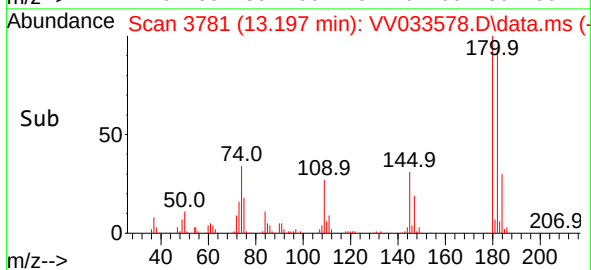
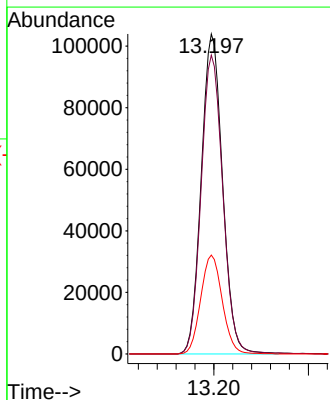
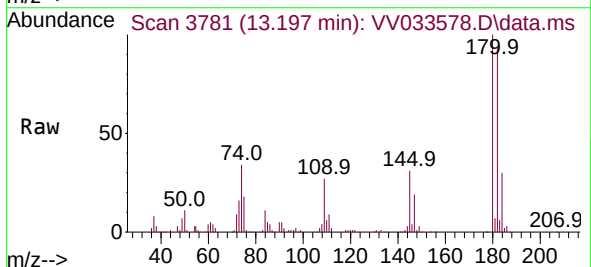


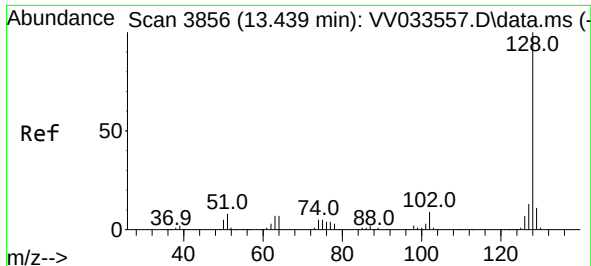
Tgt Ion:180 Resp: 183837
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.2
184 30.6 23.9 35.9
145 30.9 24.4 36.6



#70
1,2,4-trichlorobenzene
Concen: 50.186 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

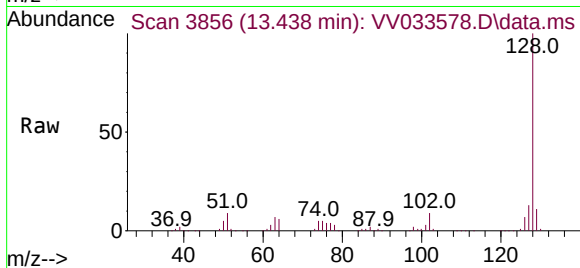
Tgt Ion:180 Resp: 162646
Ion Ratio Lower Upper
180 100
182 94.8 76.3 114.5
145 31.2 25.4 38.0



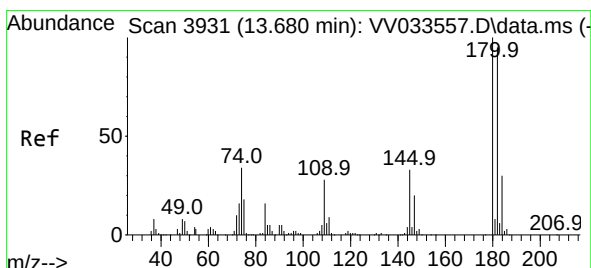
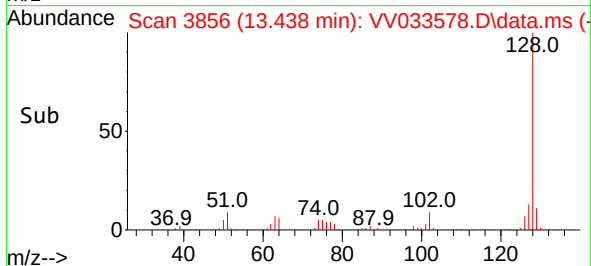
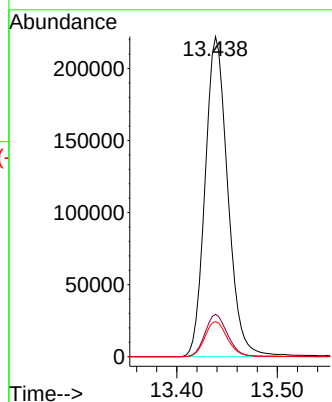


#71
Naphthalene
Concen: 41.055 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 347682
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.666 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033578.D
Acq: 11 Jan 2024 11:09

Tgt Ion:180 Resp: 150237
Ion Ratio Lower Upper
180 100
182 93.9 76.0 114.0
145 33.3 26.3 39.5

