

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011024\
 Data File : VV033556.D
 Acq On : 10 Jan 2024 12:35
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 11 00:17:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:16:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	336100	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320963	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	170481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	21740	8.382	ug/L	0.00
7) Chloroethane-d5	1.532	69	18943	8.398	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	10151	8.083	ug/L	0.00
21) 2-Butanone-d5	3.802	46	34944	25.316	ug/L	0.02
24) Chloroform-d	4.249	84	44754	9.029	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	29083	9.479	ug/L	0.00
32) Benzene-d6	4.963	84	87138	10.053	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	28792	10.721	ug/L	0.00
41) Toluene-d8	7.246	98	77432	9.882	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	13478	10.251	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	24005	25.335	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	38403	10.262	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	30546	9.588	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	29020	10.657	ug/L	97
3) Chloromethane	1.217	50	32862	12.370	ug/L	99
5) Vinyl chloride	1.285	62	30264	10.890	ug/L	99
6) Bromomethane	1.487	94	16219	8.530	ug/L	99
8) Chloroethane	1.552	64	18083	9.939	ug/L	98
9) Trichlorofluoromethane	1.716	101	36183	7.969	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	21339	8.039	ug/L	100
12) 1,1-Dichloroethene	2.072	96	19852	8.665	ug/L	97
13) Acetone	2.111	43	31941	20.723	ug/L	99
14) Carbon disulfide	2.243	76	66860	10.755	ug/L	99
15) Methyl Acetate	2.378	43	27150	11.849	ug/L #	100
16) Methylene chloride	2.449	84	24337	9.320	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	21997	9.902	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	81261	11.588	ug/L	99
19) 1,1-Dichloroethane	3.114	63	45487	10.492	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	24199	9.598	ug/L	97
22) 2-Butanone	3.883	43	34276	21.271	ug/L	100
23) Bromochloromethane	4.153	128	11714	8.650	ug/L	95
25) Chloroform	4.281	83	41890	8.864	ug/L	98
27) 1,2-Dichloroethane	5.047	62	36117	9.827	ug/L	99
29) Cyclohexane	4.584	56	45477	14.171	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	37458	9.503	ug/L	99
31) Carbon tetrachloride	4.735	117	32016	9.169	ug/L	99
33) Benzene	5.011	78	92408	10.623	ug/L	100
34) Trichloroethene	5.838	95	24169	10.117	ug/L	97
35) Methylcyclohexane	6.050	83	43442	12.263	ug/L	99
37) 1,2-Dichloropropane	6.095	63	24652	10.355	ug/L #	96
38) Bromodichloromethane	6.436	83	33243	9.910	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	40600	11.555	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	78710	28.882	ug/L	100
42) Toluene	7.317	91	97277	10.670	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	37799	10.701	ug/L	100

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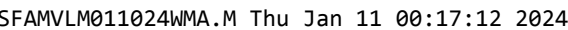
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:16:03 2024
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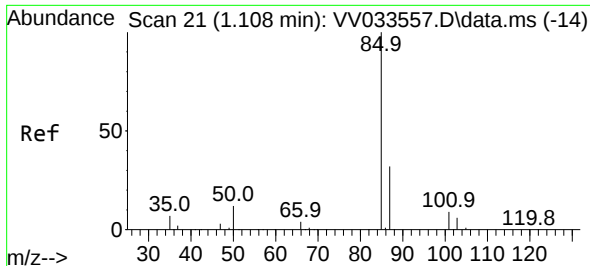
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	22824	9.493	ug/L	95
46) Tetrachloroethene	7.905	164	18381	10.011	ug/L	98
48) 2-Hexanone	8.079	43	61217	26.981	ug/L	98
49) Dibromochloromethane	8.178	129	23567	9.335	ug/L	100
50) 1,2-Dibromoethane	8.284	107	24048	9.685	ug/L	99
51) Chlorobenzene	8.815	112	62738	9.641	ug/L	97
52) Ethylbenzene	8.947	91	114376	11.114	ug/L	98
53) m,p-Xylene	9.075	106	42183	10.981	ug/L	98
54) o-Xylene	9.477	106	41718	11.109	ug/L	100
55) Styrene	9.497	104	73157	11.193	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	36979	10.011	ug/L	98
59) Bromoform	9.667	173	17197	9.670	ug/L	97
60) Isopropylbenzene	9.866	105	114964	11.575	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	30253	10.876	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	97060	12.541	ug/L	97
63) 1,2,4-Trimethylbenzene	10.854	105	95277	11.984	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	51034	10.114	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	51692	9.612	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	50044	9.617	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	8120	10.471	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	36699	10.279	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	33931	10.766	ug/L	100
71) Naphthalene	13.442	128	90837	10.757	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	31681	10.500	ug/L	100

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

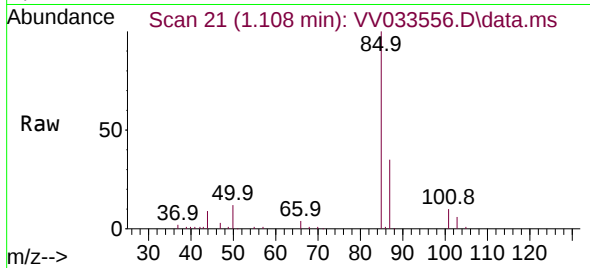
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
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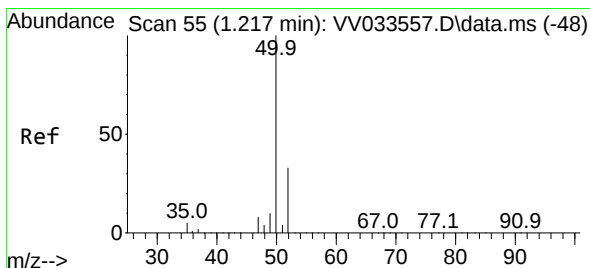
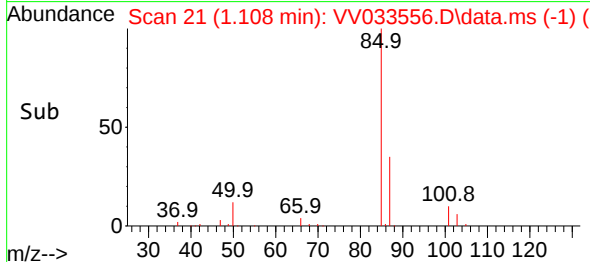
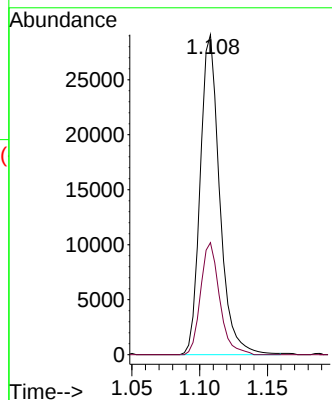


#2
Dichlorodifluoromethane
Concen: 10.657 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Instrument :
MSVOA_V
ClientSampleId :

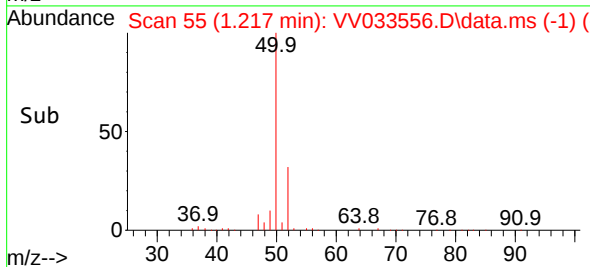
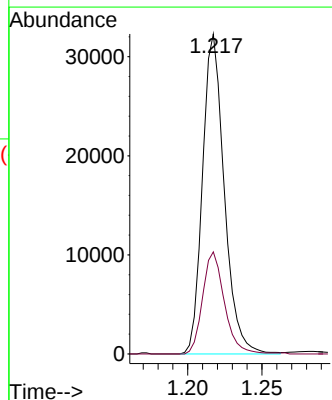
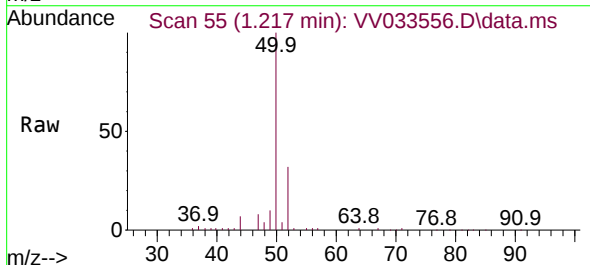


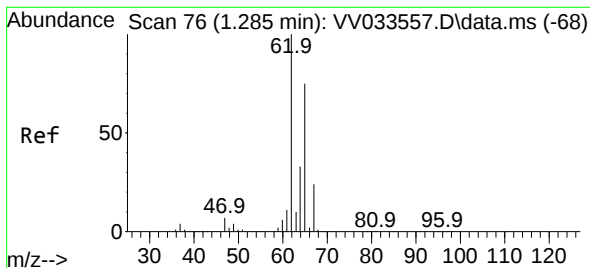
Tgt Ion: 85 Resp: 29020
Ion Ratio Lower Upper
85 100
87 34.2 25.8 38.6



#3
Chloromethane
Concen: 12.370 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion: 50 Resp: 32862
Ion Ratio Lower Upper
50 100
52 31.9 22.8 42.4





#5

Vinyl chloride

Concen: 10.890 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min MSVOA_V

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

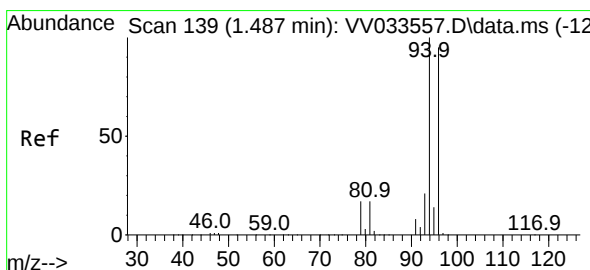
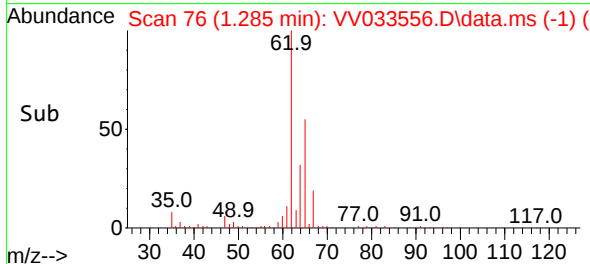
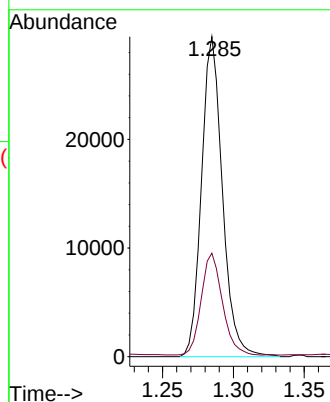
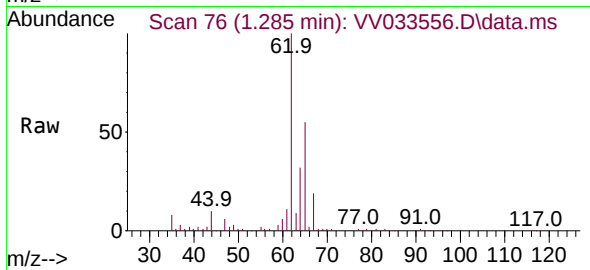
ClientSampleId :

Tgt Ion: 62 Resp: 30264

Ion Ratio Lower Upper

62 100

64 32.3 23.2 43.0



#6

Bromomethane

Concen: 8.530 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV033556.D

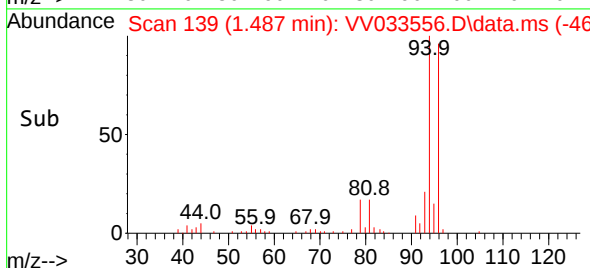
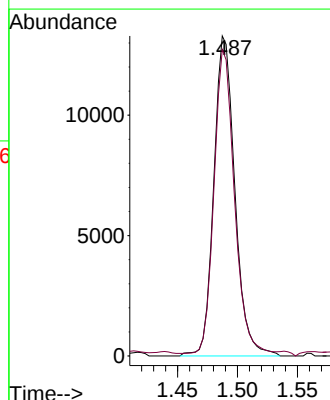
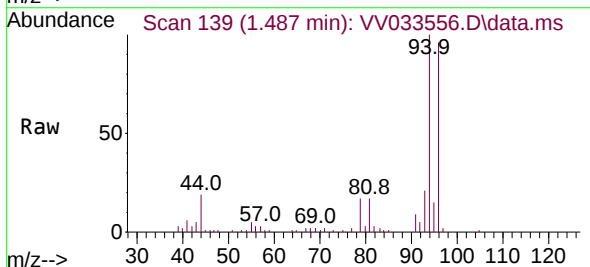
Acq: 10 Jan 2024 12:35

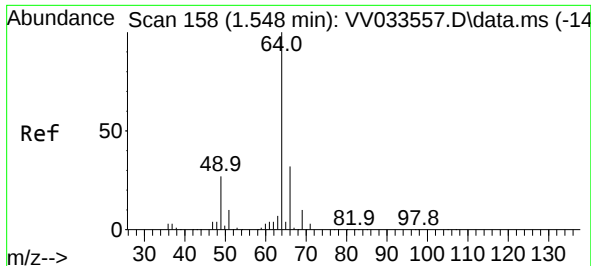
Tgt Ion: 94 Resp: 16219

Ion Ratio Lower Upper

94 100

96 95.7 66.4 123.2





#8

Chloroethane

Concen: 9.939 ug/L

RT: 1.552 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

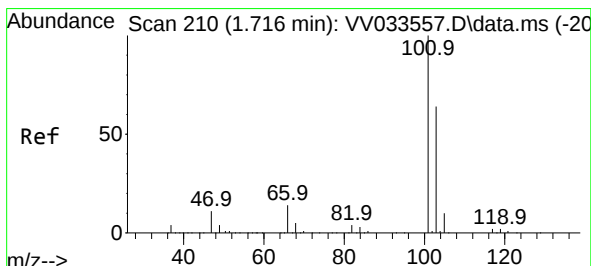
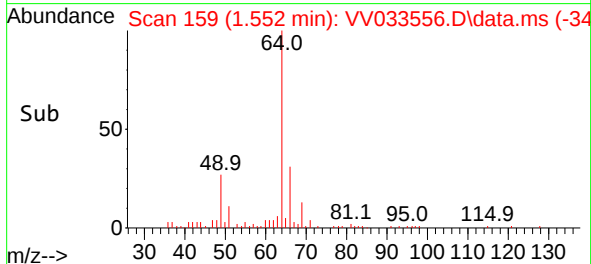
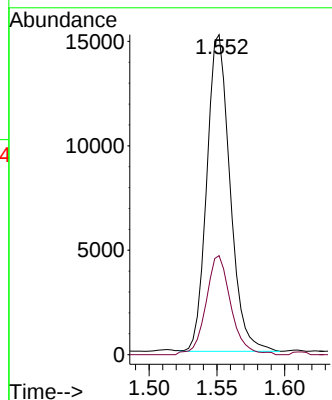
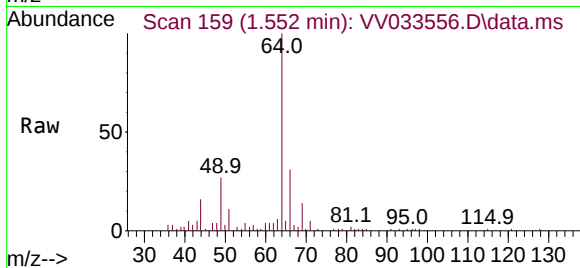
ClientSampleId :

Tgt Ion: 64 Resp: 18083

Ion Ratio Lower Upper

64 100

66 31.0 22.5 41.9



#9

Trichlorofluoromethane

Concen: 7.969 ug/L

RT: 1.716 min Scan# 210

Delta R.T. -0.000 min

Lab File: VV033556.D

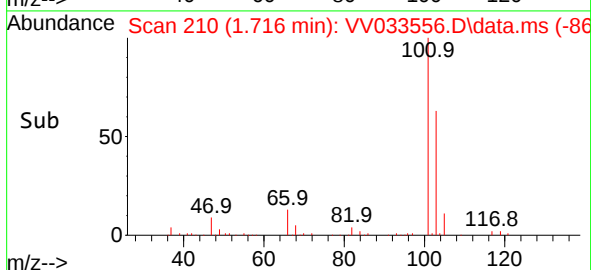
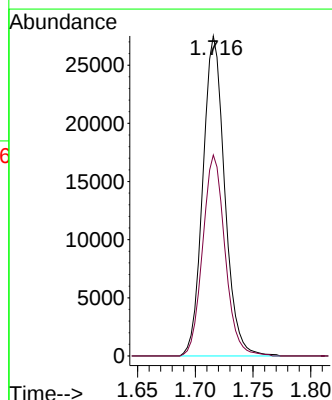
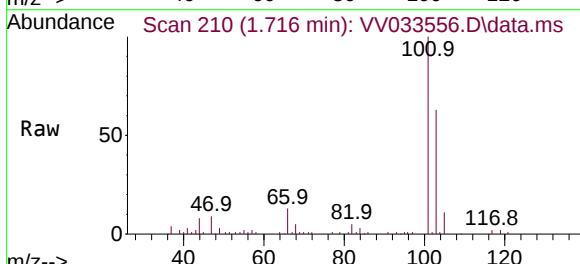
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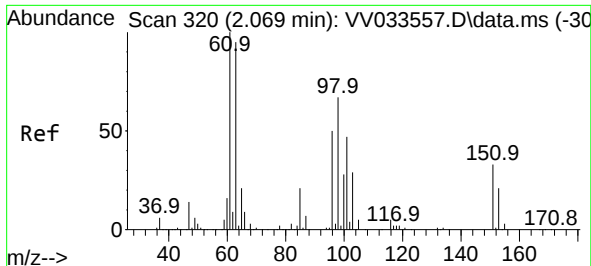
Tgt Ion: 101 Resp: 36183

Ion Ratio Lower Upper

101 100

103 64.0 51.3 76.9

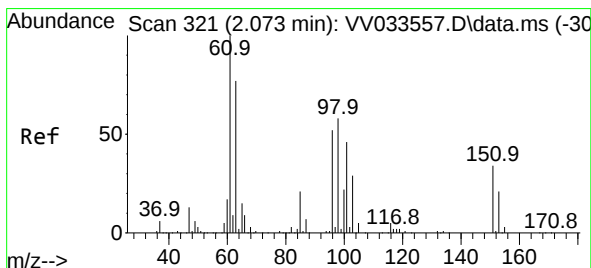
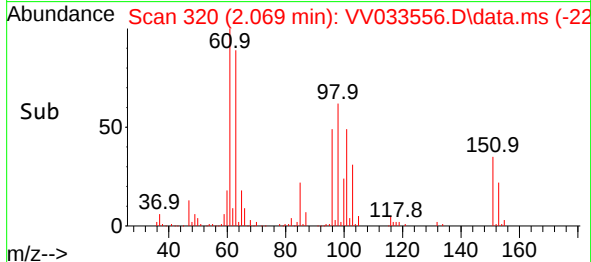
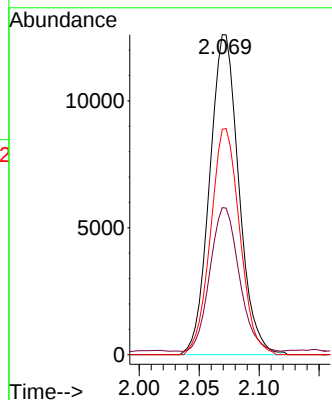
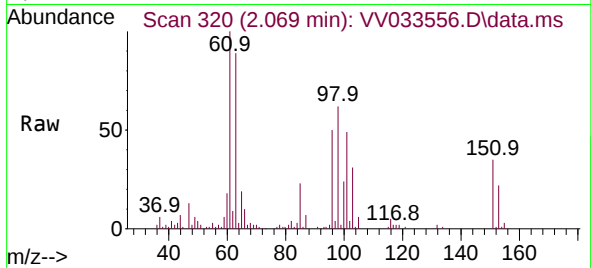




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.039 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033556.D
 Acq: 10 Jan 2024 12:35

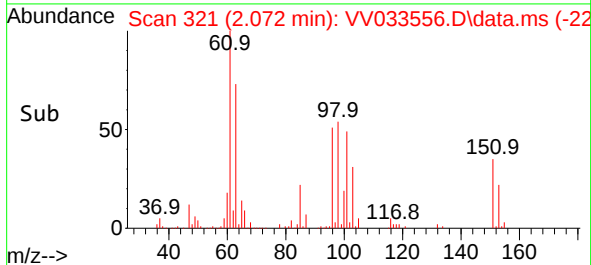
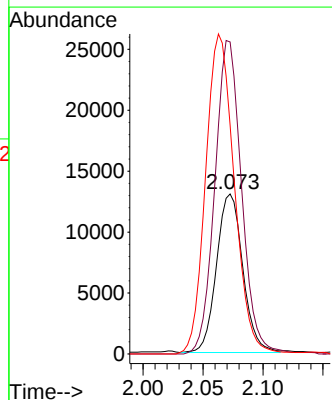
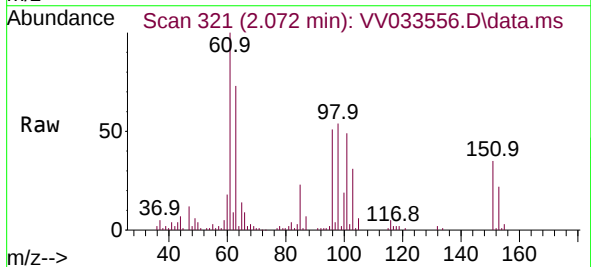
Instrument :
 MSVOA_V
 ClientSampleId :

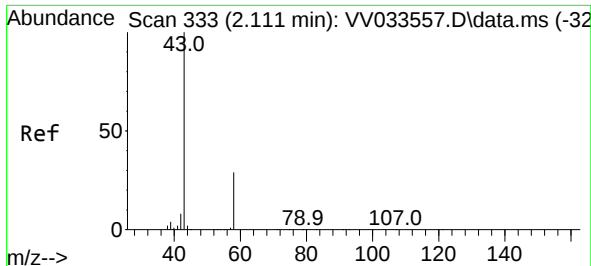
Tgt Ion:101 Resp: 21339
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.2 54.4
 151 70.6 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 8.665 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033556.D
 Acq: 10 Jan 2024 12:35

Tgt Ion: 96 Resp: 19852
 Ion Ratio Lower Upper
 96 100
 61 195.1 134.0 248.8
 63 143.0 103.4 192.0





#13

Acetone

Concen: 20.723 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

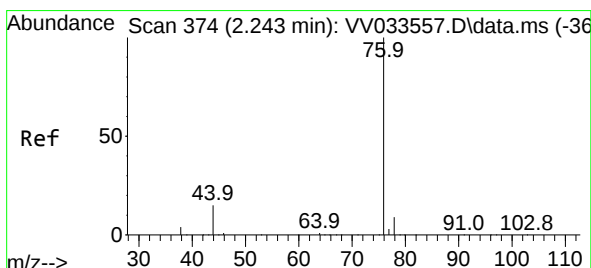
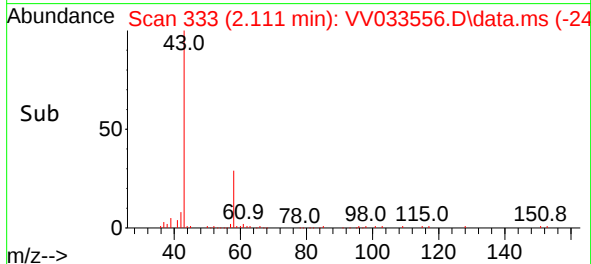
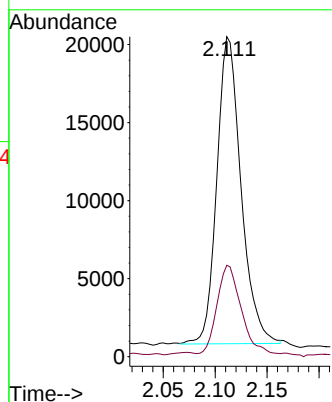
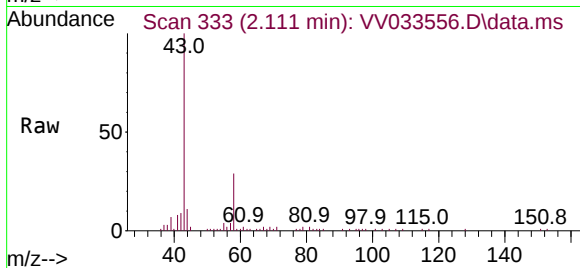
ClientSampleId :

Tgt Ion: 43 Resp: 31941

Ion Ratio Lower Upper

43 100

58 28.3 0.0 57.2



#14

Carbon disulfide

Concen: 10.755 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033556.D

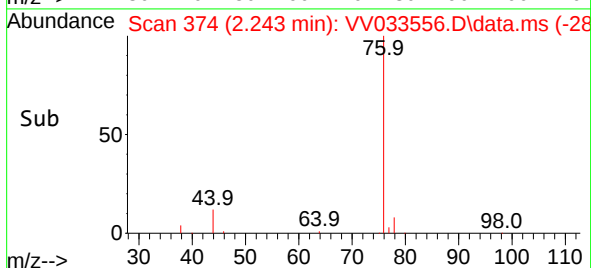
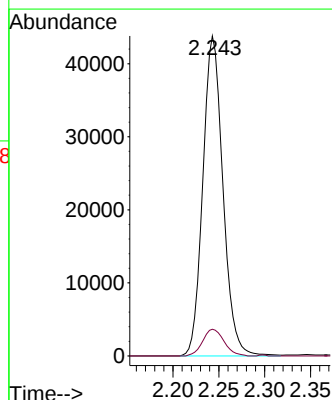
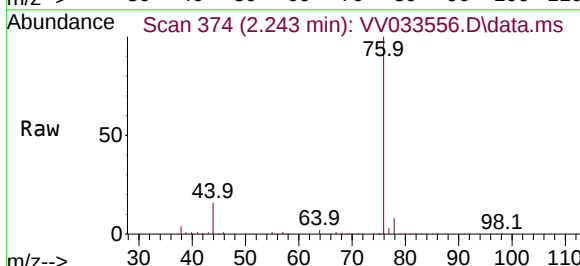
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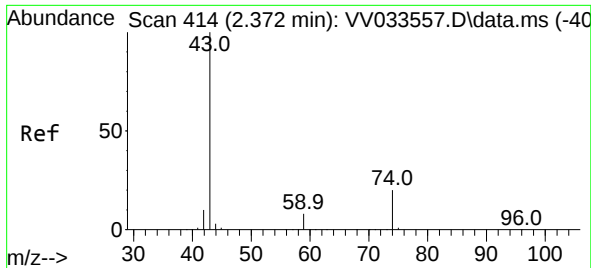
Tgt Ion: 76 Resp: 66860

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7





#15

Methyl Acetate

Concen: 11.849 ug/L

RT: 2.378 min Scan# 414

Delta R.T. 0.006 min

Lab File: VV033556.D

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MSVOA_V

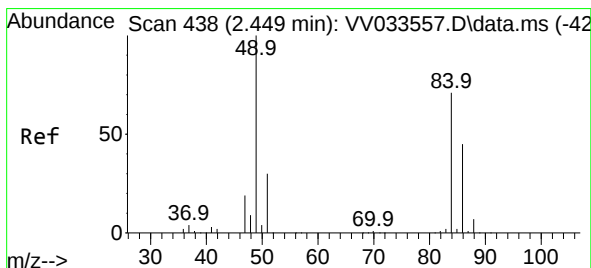
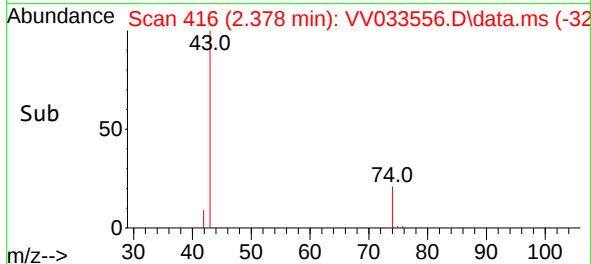
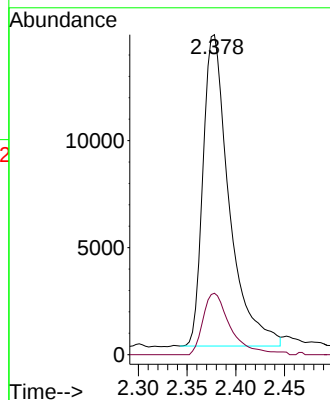
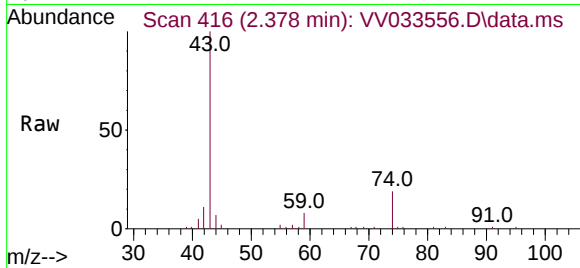
ClientSampleId :

Tgt Ion: 43 Resp: 27150

Ion Ratio Lower Upper

43 100

74 20.7 0.0 0.0#



#16

Methylene chloride

Concen: 9.320 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

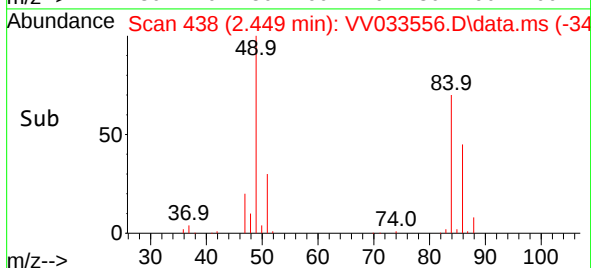
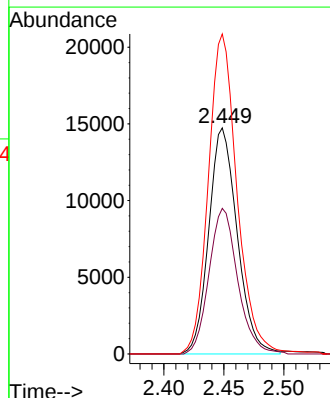
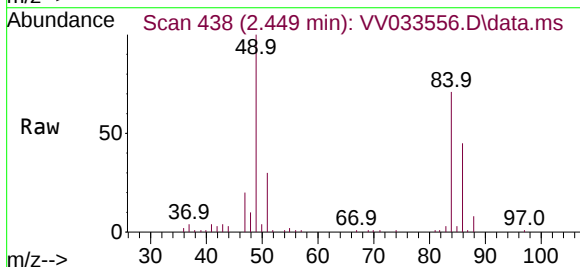
Tgt Ion: 84 Resp: 24337

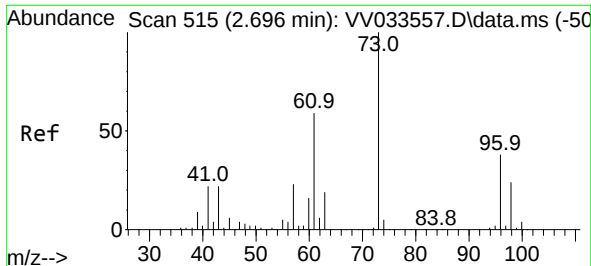
Ion Ratio Lower Upper

84 100

86 64.4 43.9 81.5

49 141.6 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 9.902 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

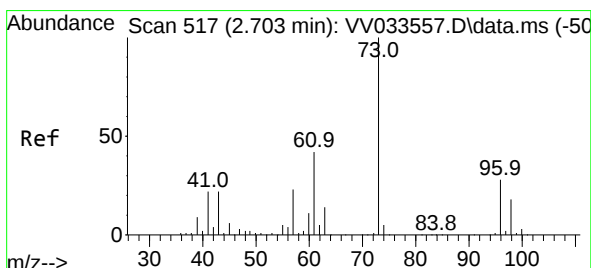
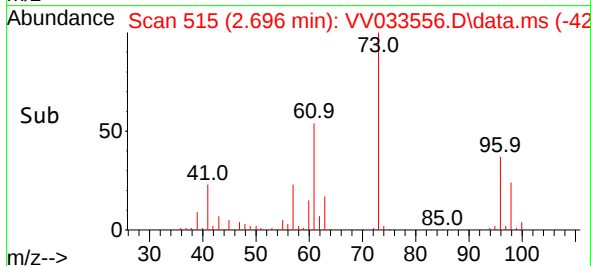
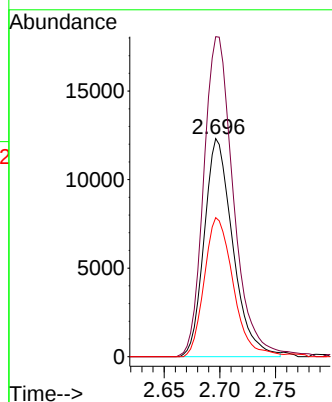
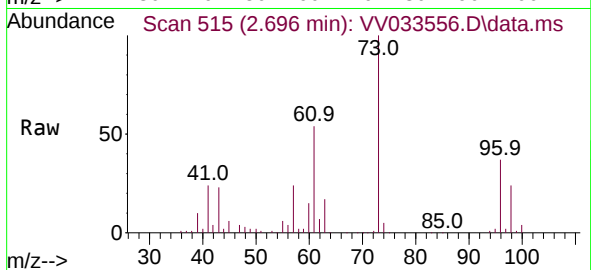
Tgt Ion: 96 Resp: 21997

Ion Ratio Lower Upper

96 100

61 146.7 108.4 201.4

98 63.7 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 11.588 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

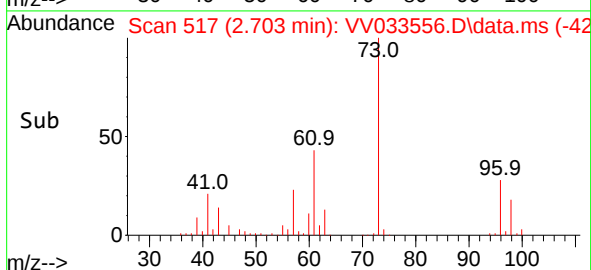
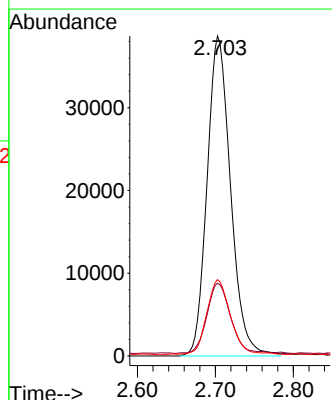
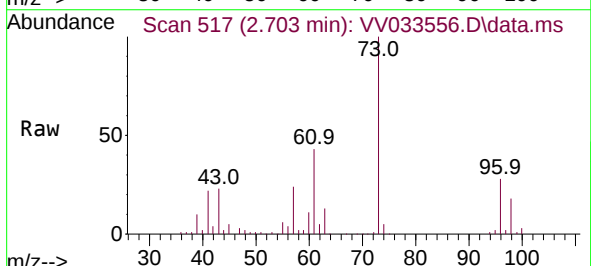
Tgt Ion: 73 Resp: 81261

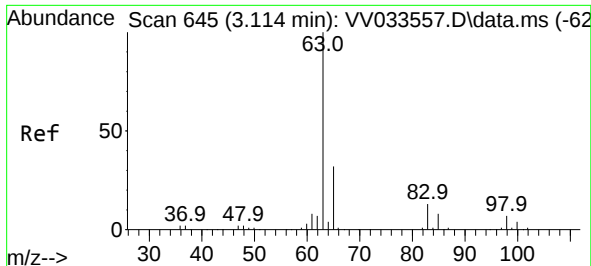
Ion Ratio Lower Upper

73 100

43 21.2 17.4 26.2

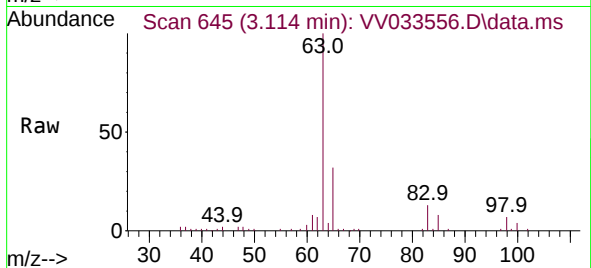
57 23.0 18.6 27.8



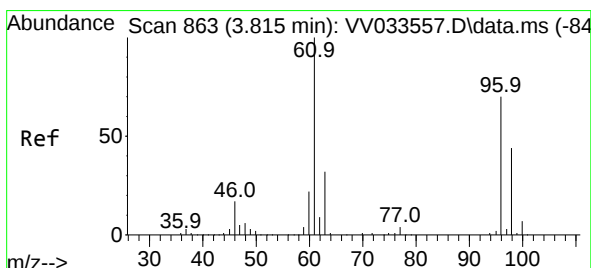
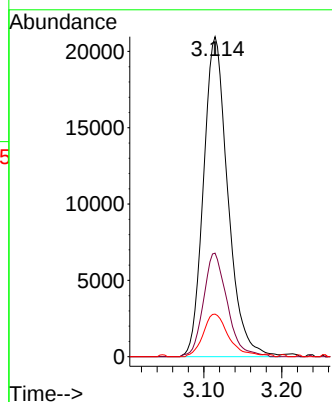
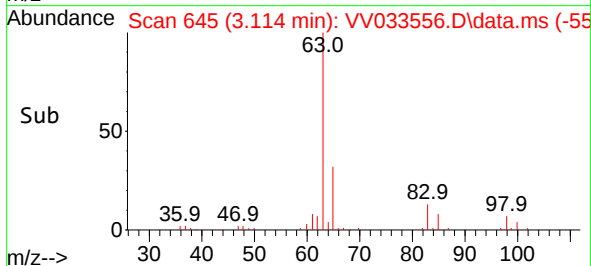


#19
1,1-Dichloroethane
Concen: 10.492 ug/L
RT: 3.114 min Scan# 645
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Instrument :
MSVOA_V
ClientSampleId :

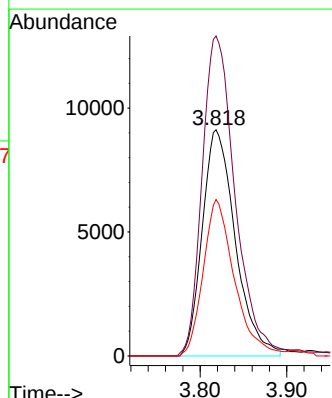
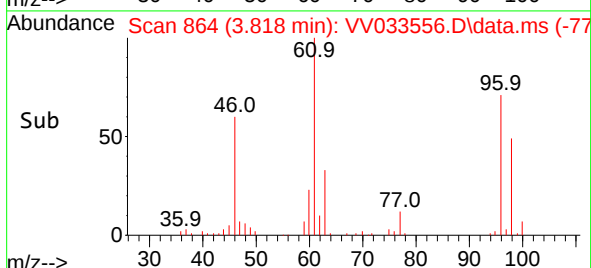
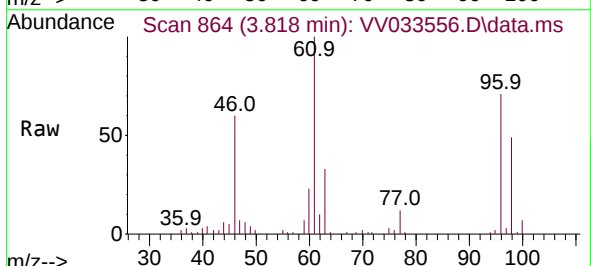


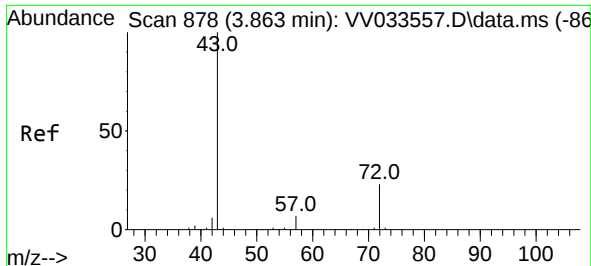
Tgt Ion: 63 Resp: 45487
Ion Ratio Lower Upper
63 100
65 32.3 22.4 41.6
83 13.3 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 9.598 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion: 96 Resp: 24199
Ion Ratio Lower Upper
96 100
61 141.4 100.6 186.8
98 69.2 44.6 82.8

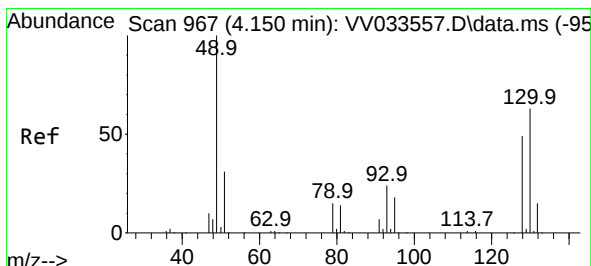
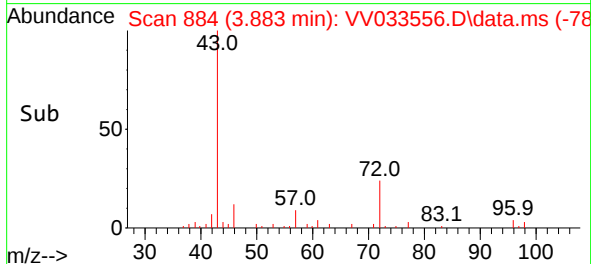
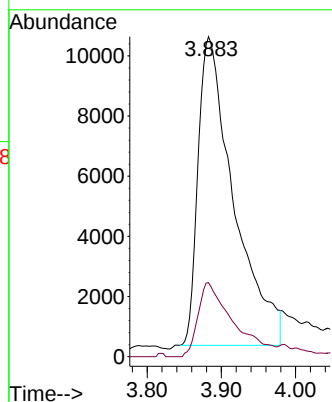
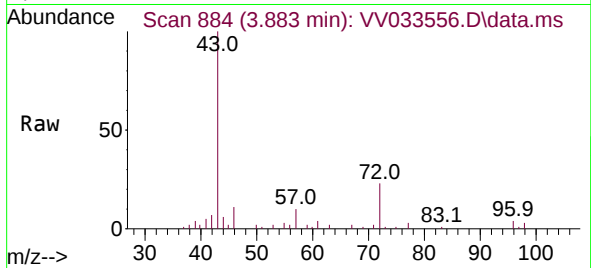




#22
2-Butanone
Concen: 21.271 ug/L
RT: 3.883 min Scan# 878
Delta R.T. 0.019 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

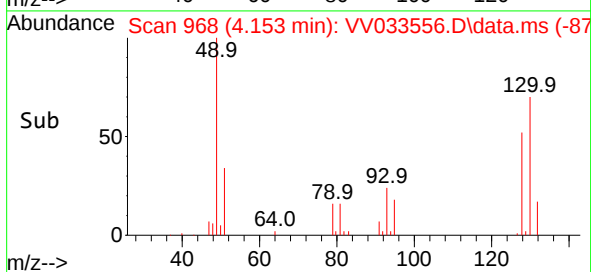
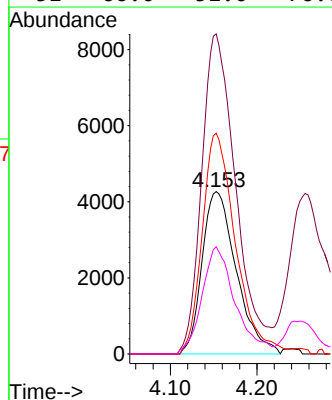
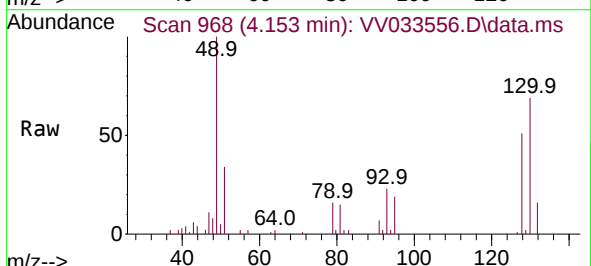
Instrument :
MSVOA_V
ClientSampleId :

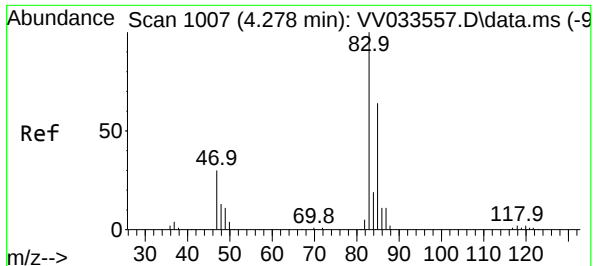
Tgt Ion: 43 Resp: 34276
Ion Ratio Lower Upper
43 100
72 23.8 11.9 35.5



#23
Bromochloromethane
Concen: 8.650 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion: 128 Resp: 11714
Ion Ratio Lower Upper
128 100
49 197.0 143.9 267.2
130 135.8 90.6 168.2
51 66.0 51.0 76.6





#25

Chloroform

Concen: 8.864 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

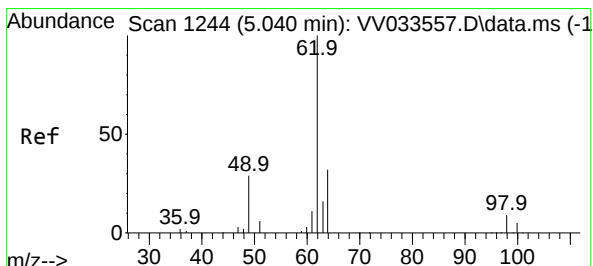
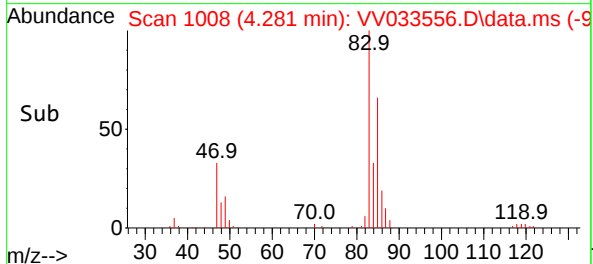
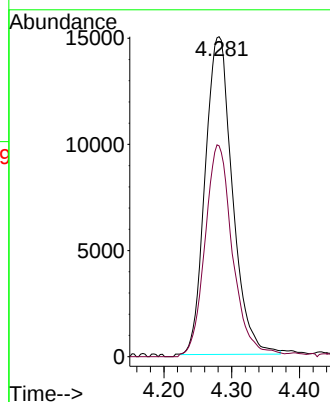
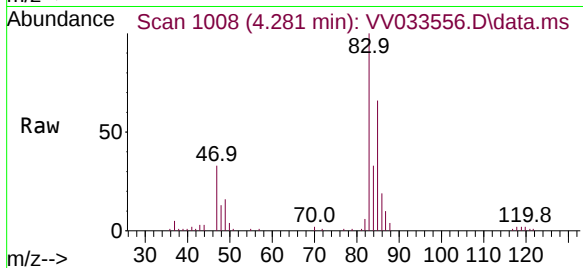
ClientSampleId :

Tgt Ion: 83 Resp: 41890

Ion Ratio Lower Upper

83 100

85 65.9 45.1 83.9



#27

1,2-Dichloroethane

Concen: 9.827 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.006 min

Lab File: VV033556.D

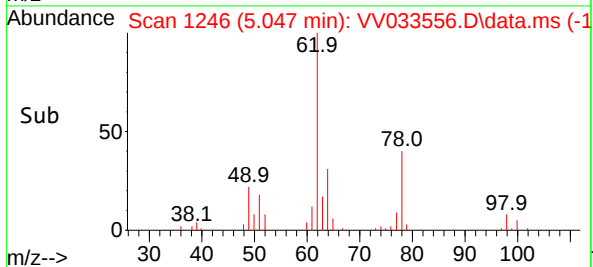
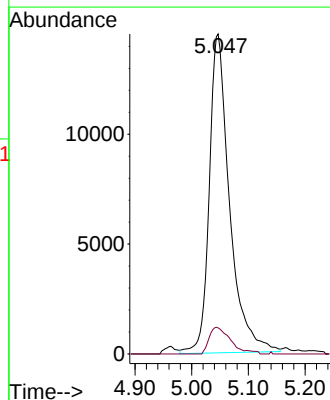
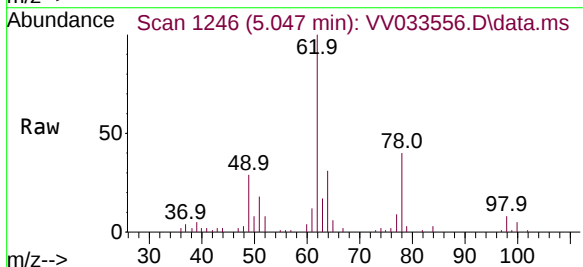
Acq: 10 Jan 2024 12:35

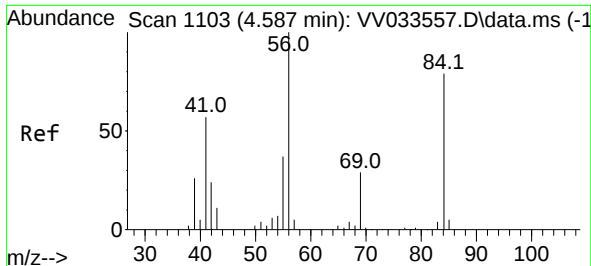
Tgt Ion: 62 Resp: 36117

Ion Ratio Lower Upper

62 100

98 8.2 6.8 10.2





#29

Cyclohexane

Concen: 14.171 ug/L

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

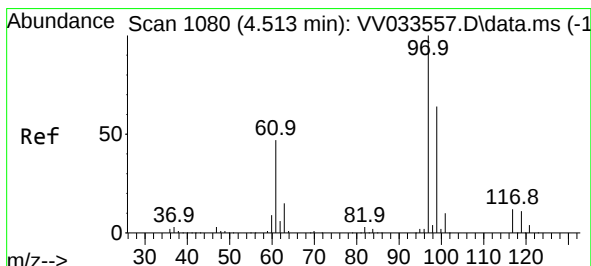
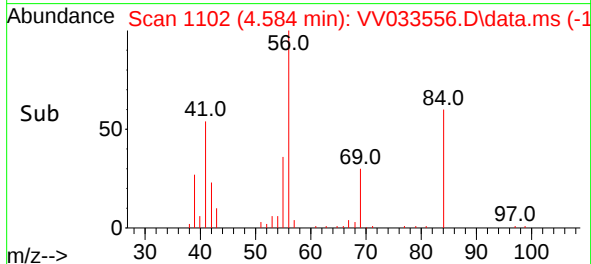
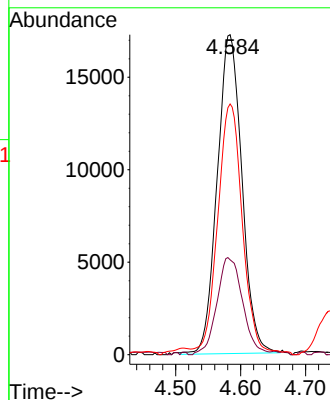
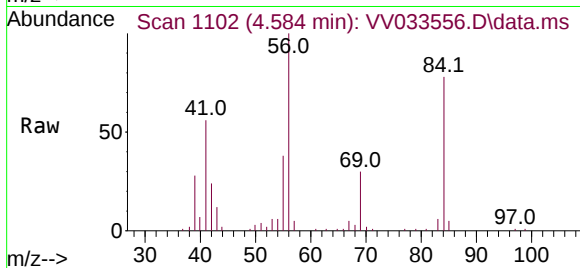
Tgt Ion: 56 Resp: 45477

Ion Ratio Lower Upper

56 100

69 31.6 23.8 35.6

84 76.1 63.8 95.6



#30

1,1,1-Trichloroethane

Concen: 9.503 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

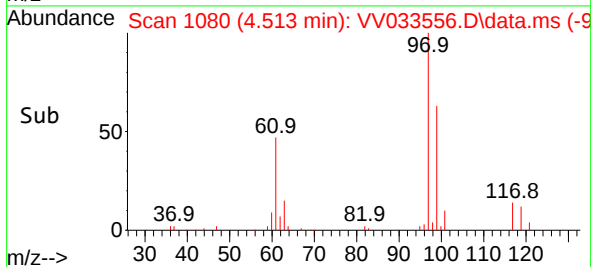
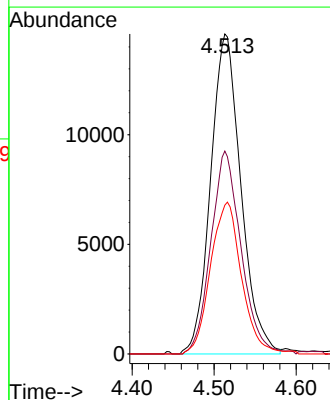
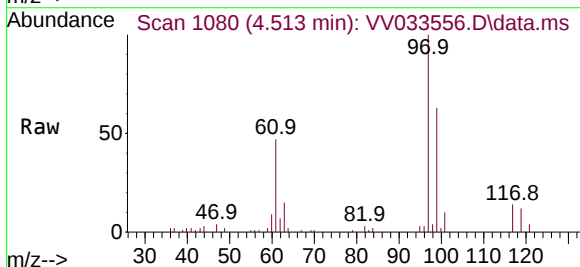
Tgt Ion: 97 Resp: 37458

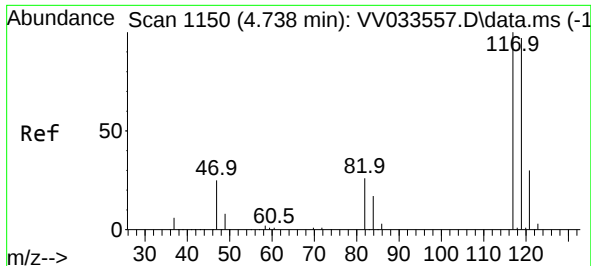
Ion Ratio Lower Upper

97 100

99 62.9 51.4 77.0

61 48.6 38.2 57.2

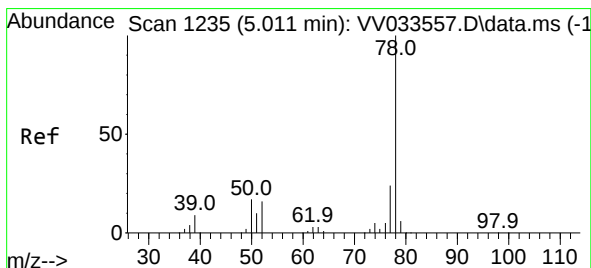
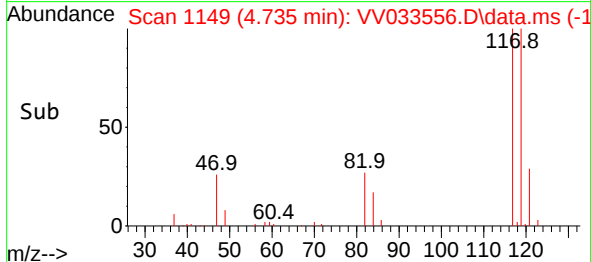
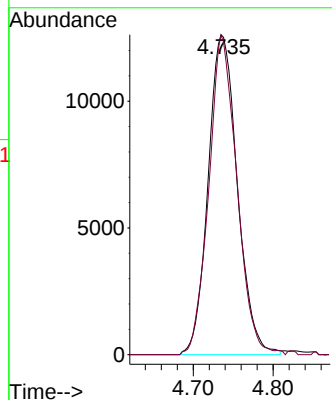
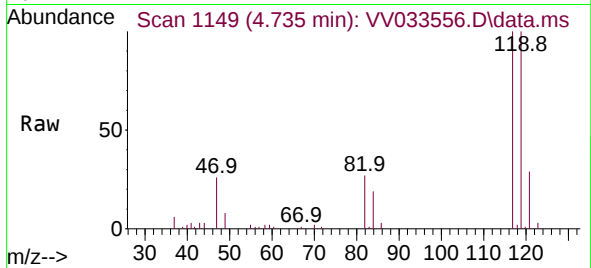




#31
Carbon tetrachloride
Concen: 9.169 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

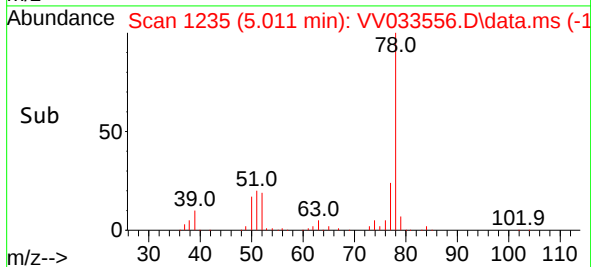
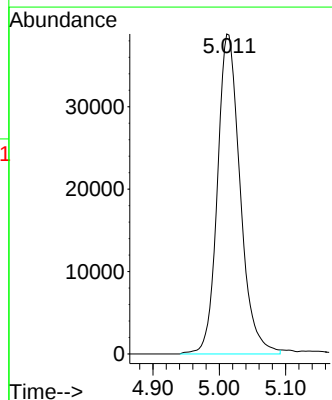
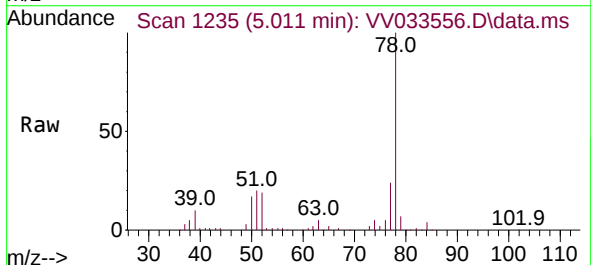
Instrument :
MSVOA_V
ClientSampleId :

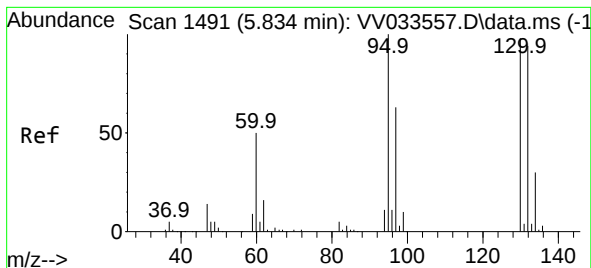
Tgt Ion:117 Resp: 32016
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.4



#33
Benzene
Concen: 10.623 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion: 78 Resp: 92408





#34

Trichloroethene

Concen: 10.117 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 24169

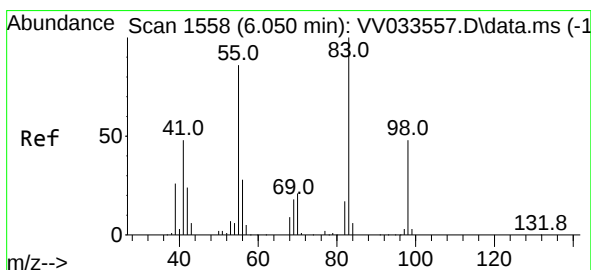
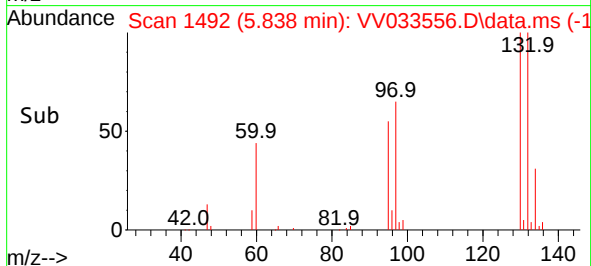
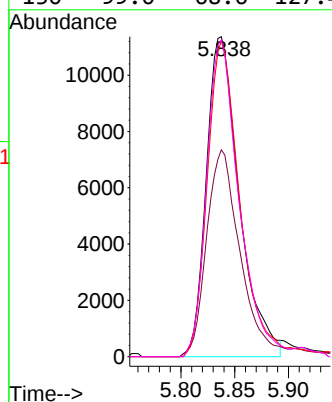
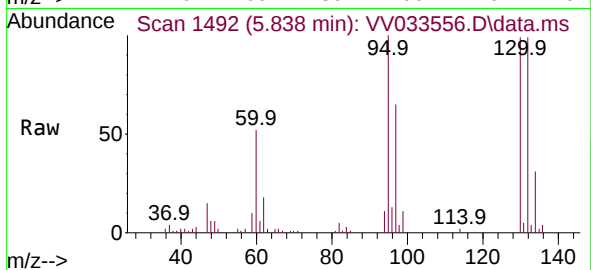
Ion Ratio Lower Upper

95 100

97 64.7 44.4 82.4

132 98.6 65.5 121.7

130 99.0 68.6 127.4



#35

Methylcyclohexane

Concen: 12.263 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

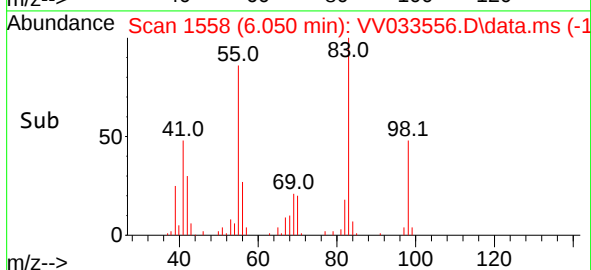
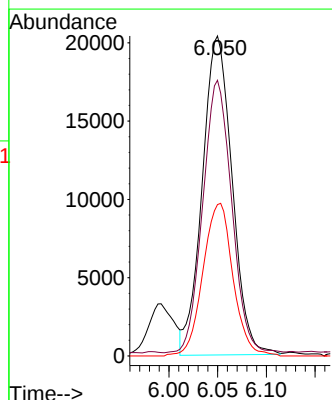
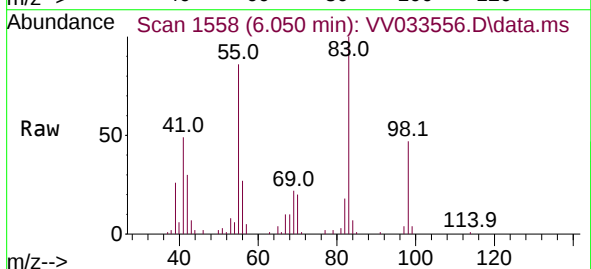
Tgt Ion: 83 Resp: 43442

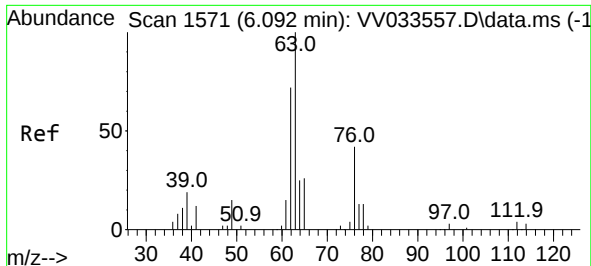
Ion Ratio Lower Upper

83 100

55 82.6 67.1 100.7

98 48.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 10.355 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

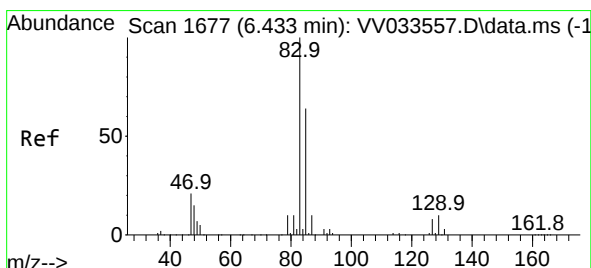
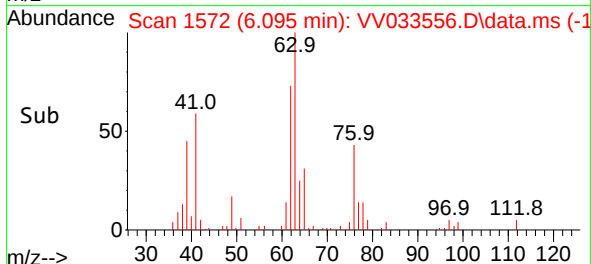
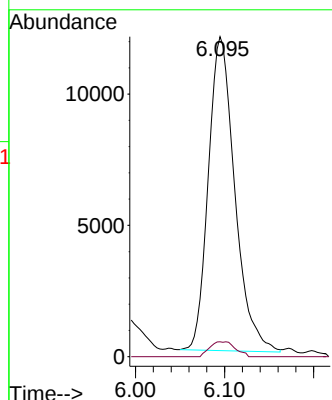
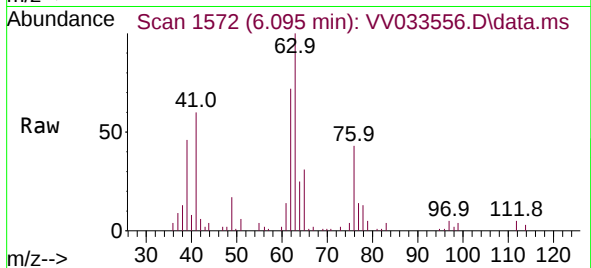
ClientSampleId :

Tgt Ion: 63 Resp: 24652

Ion Ratio Lower Upper

63 100

112 2.5 3.1 4.7#



#38

Bromodichloromethane

Concen: 9.910 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

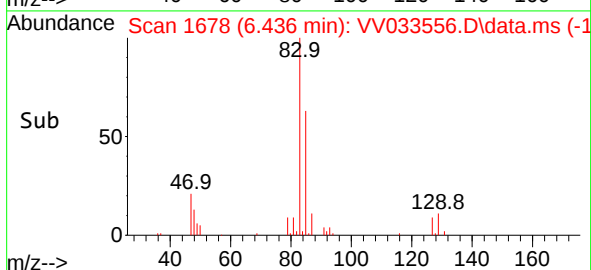
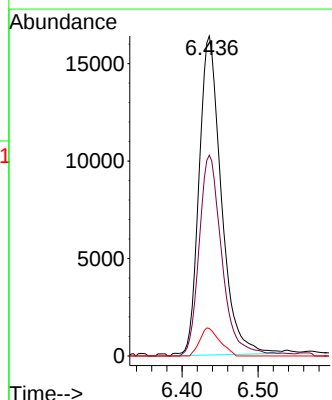
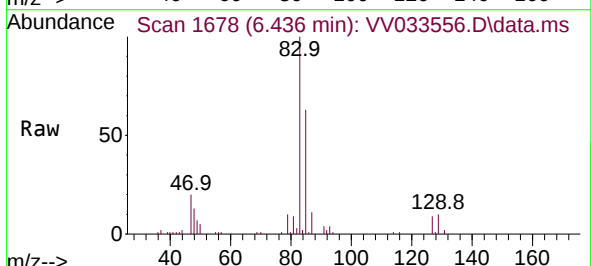
Tgt Ion: 83 Resp: 33243

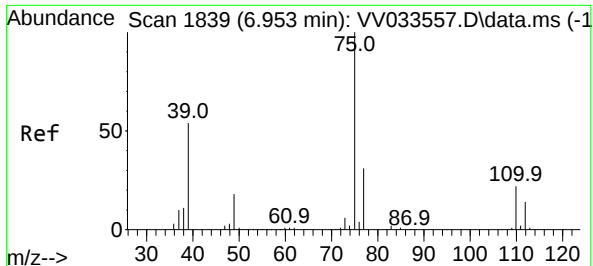
Ion Ratio Lower Upper

83 100

85 62.7 45.1 83.7

127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 11.555 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

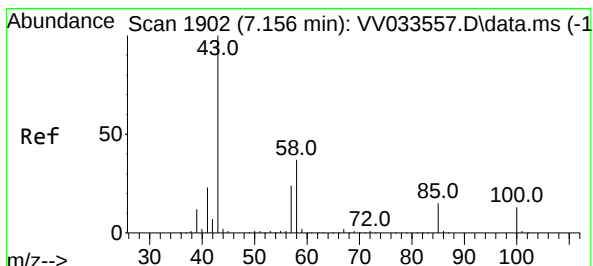
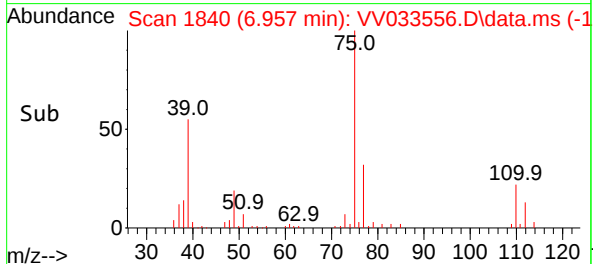
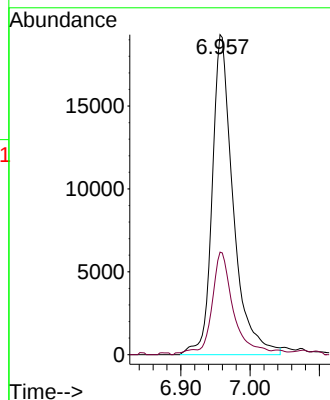
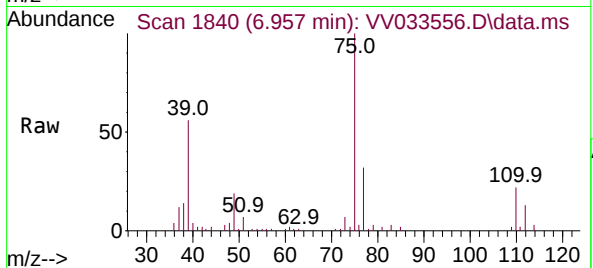
ClientSampleId :

Tgt Ion: 75 Resp: 40600

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 28.882 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

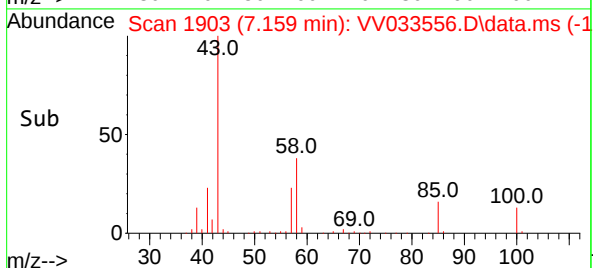
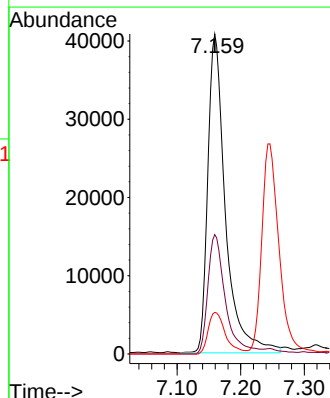
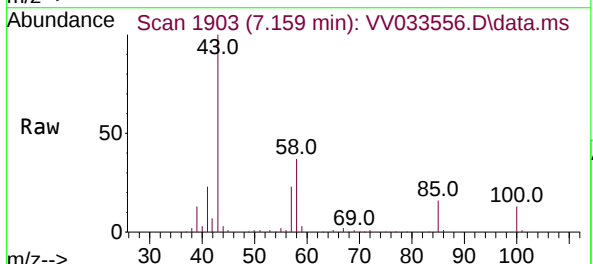
Tgt Ion: 43 Resp: 78710

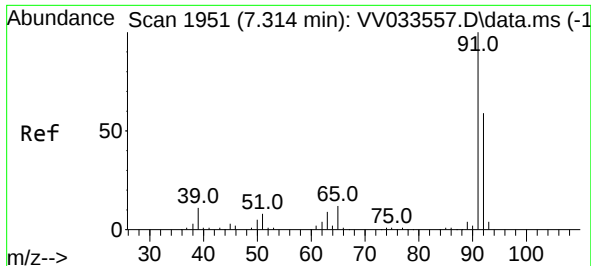
Ion Ratio Lower Upper

43 100

58 37.0 29.6 44.4

100 12.9 10.6 16.0





#42

Toluene

Concen: 10.670 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

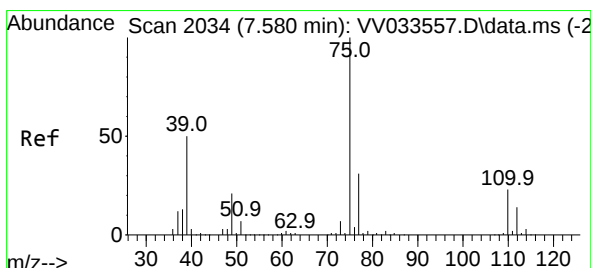
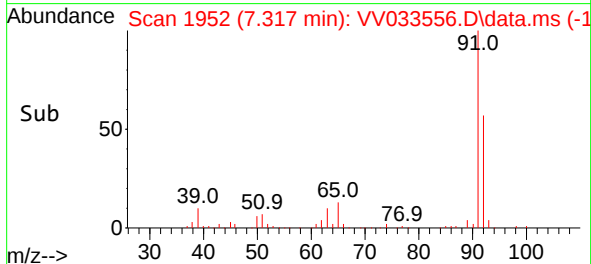
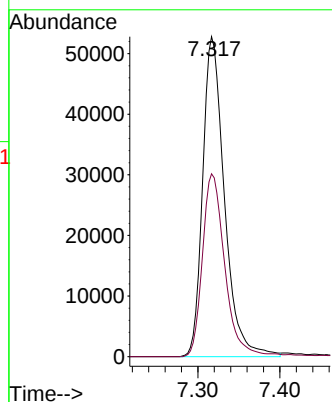
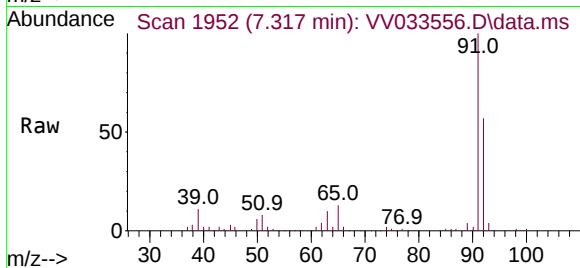
ClientSampleId :

Tgt Ion: 91 Resp: 97277

Ion Ratio Lower Upper

91 100

92 57.1 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 10.701 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.006 min

Lab File: VV033556.D

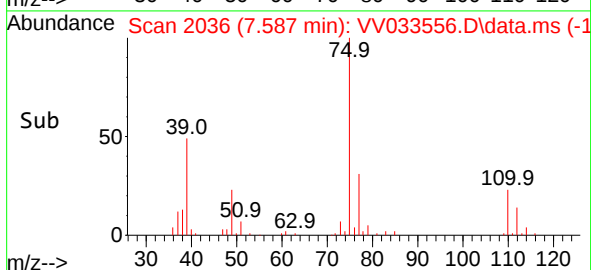
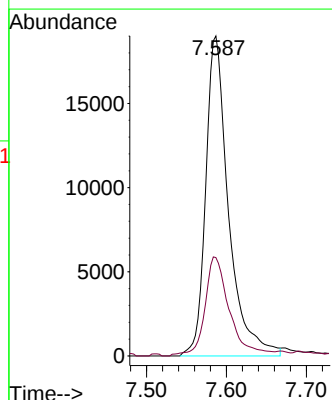
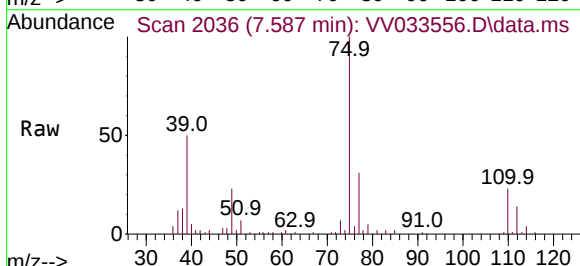
Acq: 10 Jan 2024 12:35

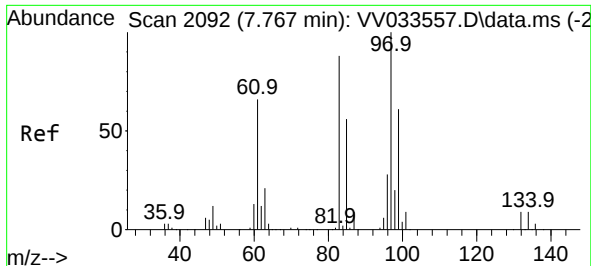
Tgt Ion: 75 Resp: 37799

Ion Ratio Lower Upper

75 100

77 30.7 21.6 40.0

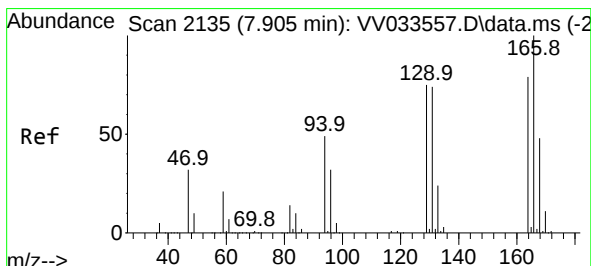
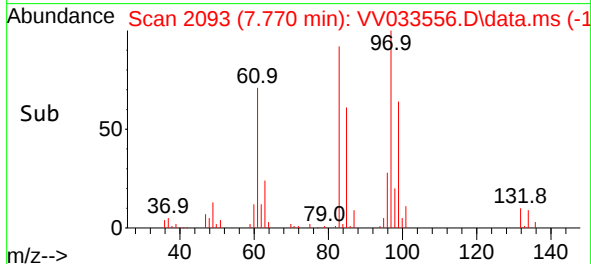
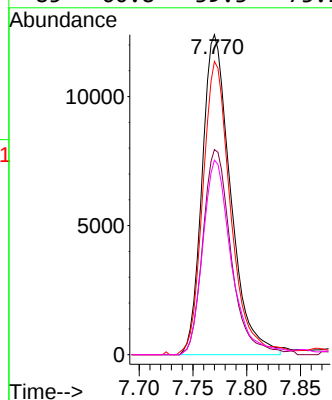
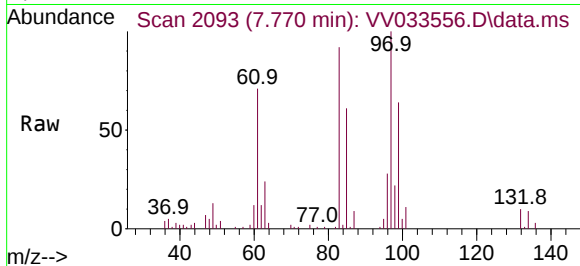




#45
1,1,2-Trichloroethane
Concen: 9.493 ug/L
RT: 7.770 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

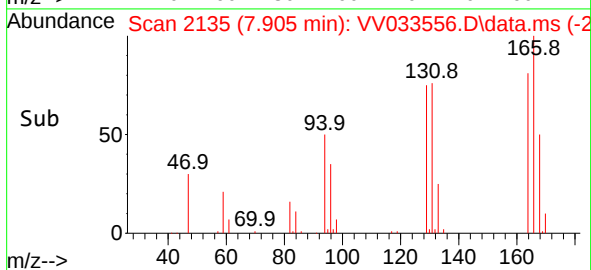
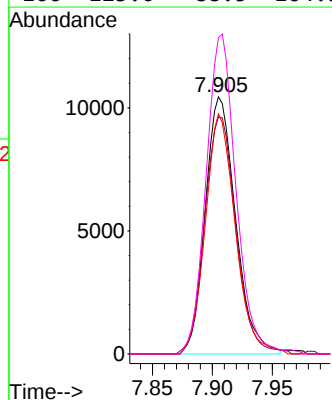
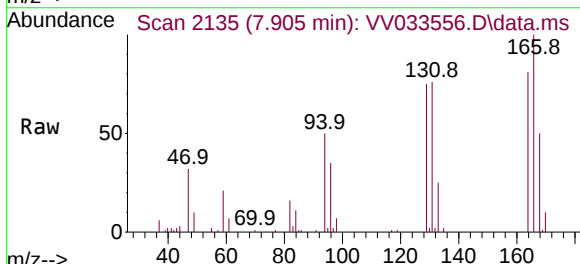
Instrument :
MSVOA_V
ClientSampleId :

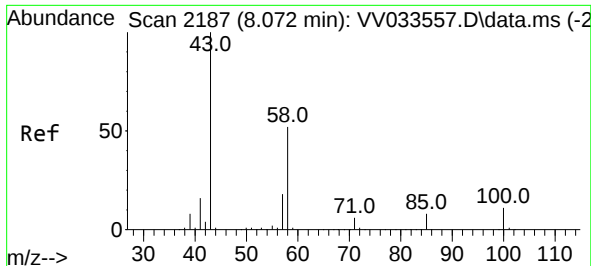
Tgt Ion:	97	Resp:	22824
Ion	Ratio	Lower	Upper
97	100		
99	64.1	42.8	79.6
83	91.6	61.2	113.8
85	60.8	39.3	73.1



#46
Tetrachloroethene
Concen: 10.011 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion:	164	Resp:	18381
Ion	Ratio	Lower	Upper
164	100		
129	92.3	66.1	122.7
131	93.4	65.9	122.5
166	123.0	88.5	164.3

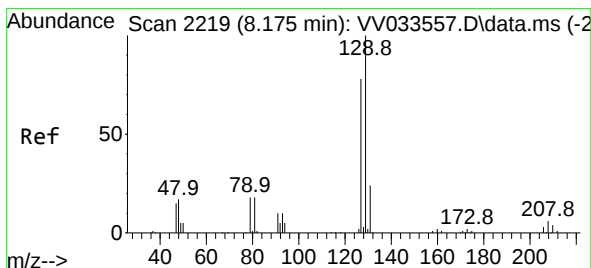
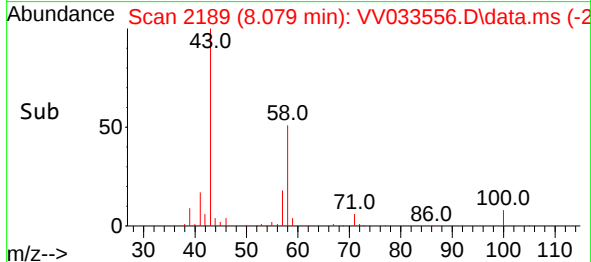
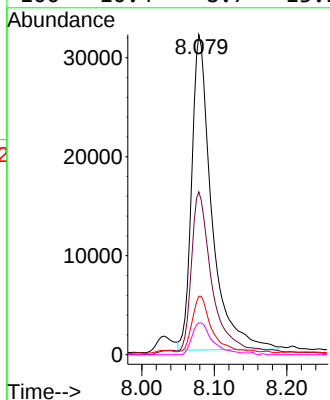
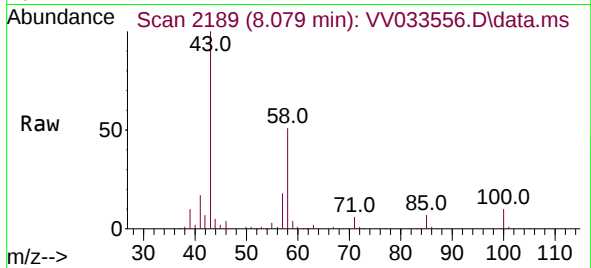




#48
2-Hexanone
Concen: 26.981 ug/L
RT: 8.079 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

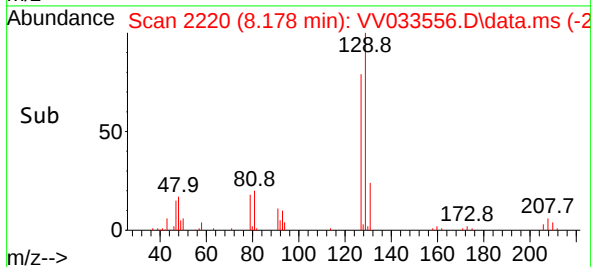
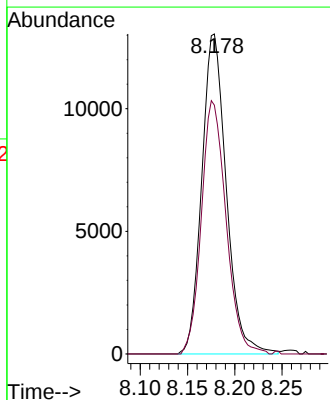
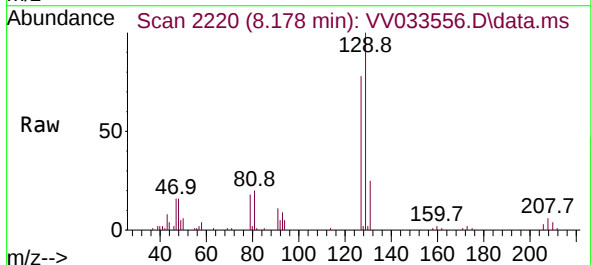
Instrument :
MSVOA_V
ClientSampleId :

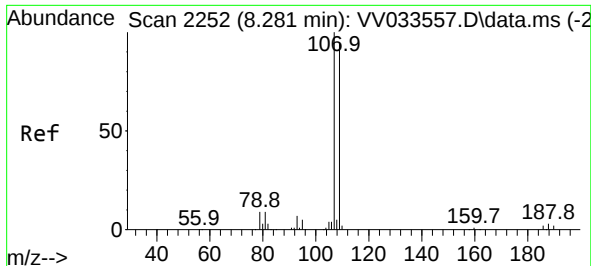
Tgt Ion: 43	Resp: 61217
Ion Ratio	Lower Upper
43 100	
58 51.3	42.3 63.5
57 16.3	14.2 21.2
100 10.4	8.7 13.1



#49
Dibromochloromethane
Concen: 9.335 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion:129	Resp:	23567	
Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.3





#50

1,2-Dibromoethane

Concen: 9.685 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

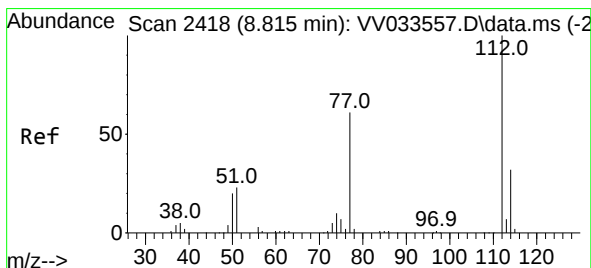
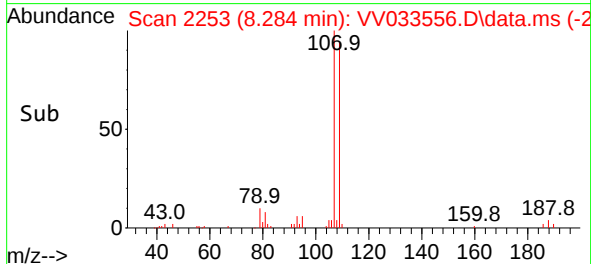
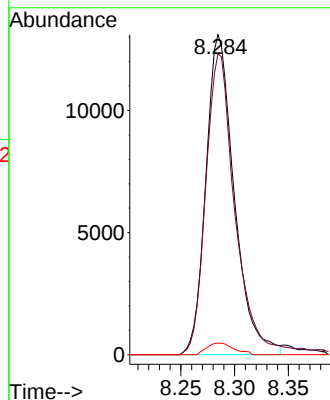
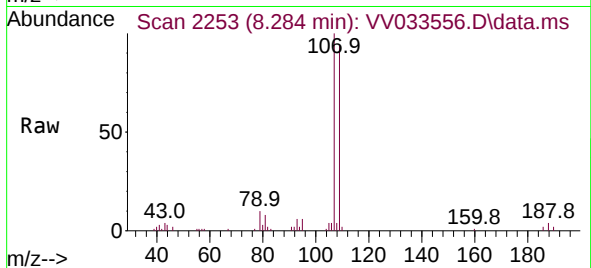
Tgt Ion:107 Resp: 24048

Ion Ratio Lower Upper

107 100

109 94.0 66.4 123.4

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 9.641 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

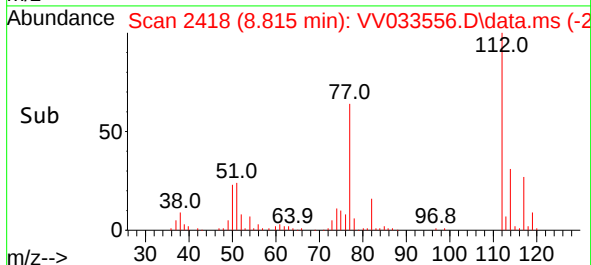
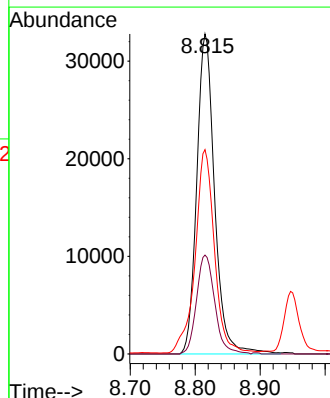
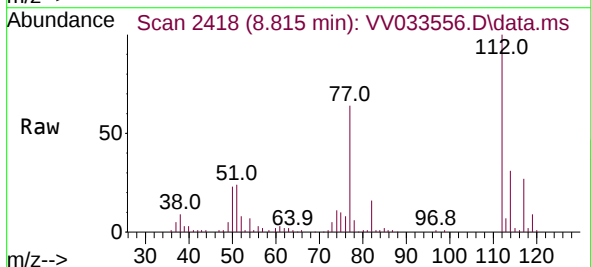
Tgt Ion:112 Resp: 62738

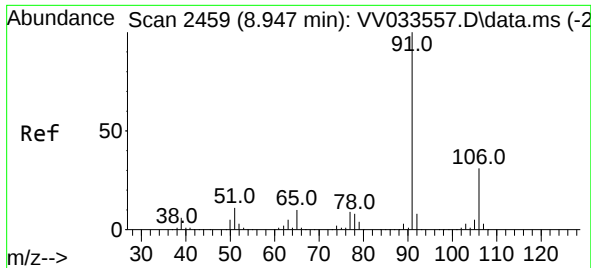
Ion Ratio Lower Upper

112 100

114 30.9 22.5 41.7

77 63.9 49.4 74.0

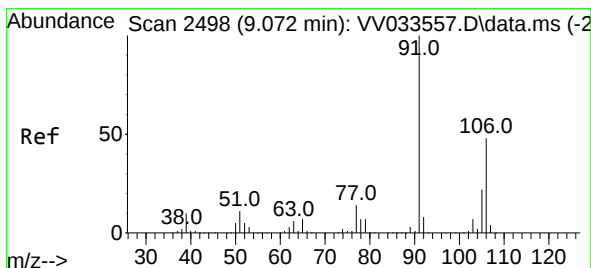
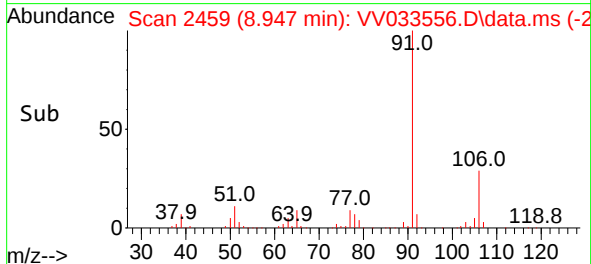
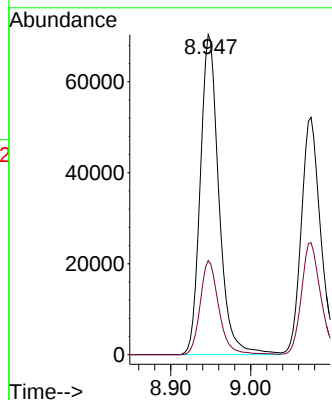
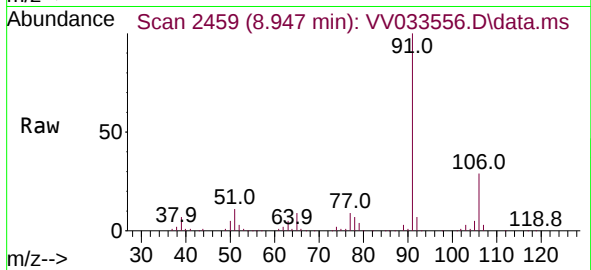




#52
Ethylbenzene
Concen: 11.114 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

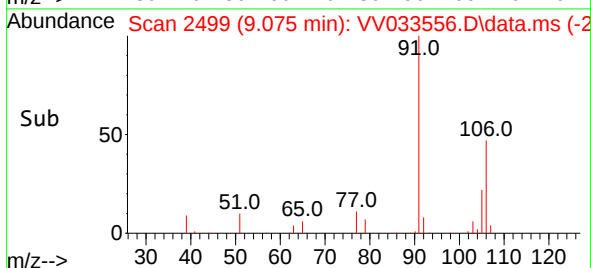
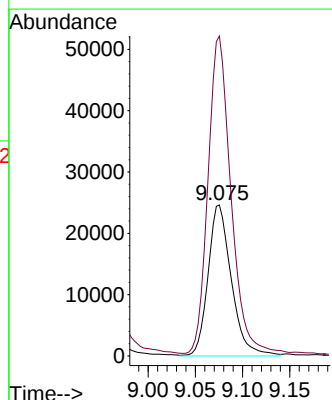
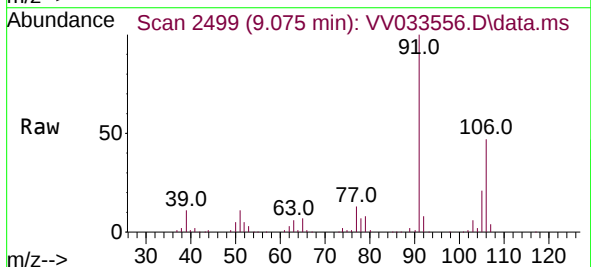
Instrument :
MSVOA_V
ClientSampleId :

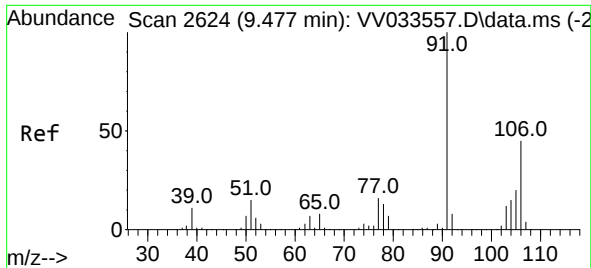
Tgt Ion: 91 Resp: 114376
Ion Ratio Lower Upper
91 100
106 29.4 21.5 39.9



#53
m,p-Xylene
Concen: 10.981 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion: 106 Resp: 42183
Ion Ratio Lower Upper
106 100
91 211.9 146.1 271.3

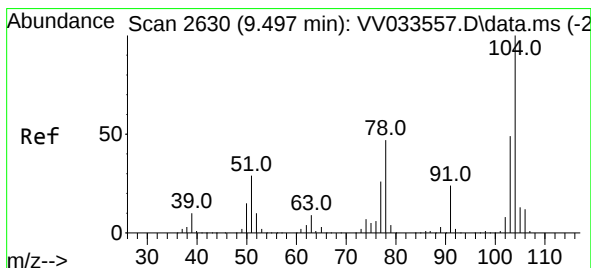
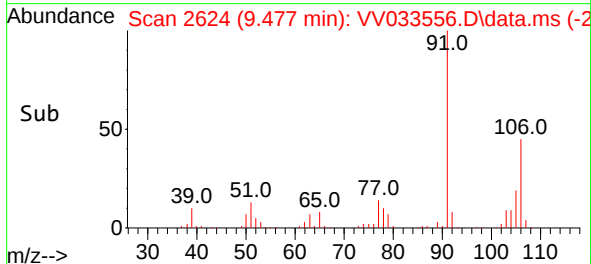
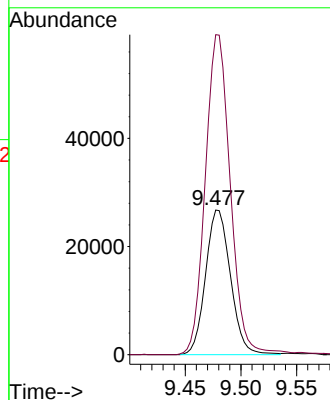
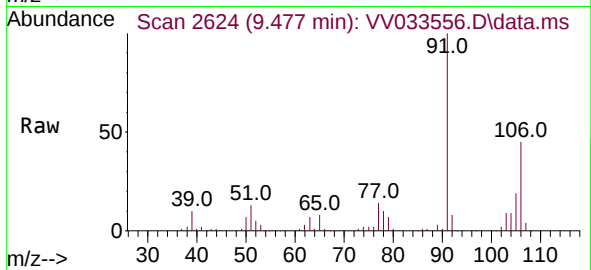




#54
o-Xylene
Concen: 11.109 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

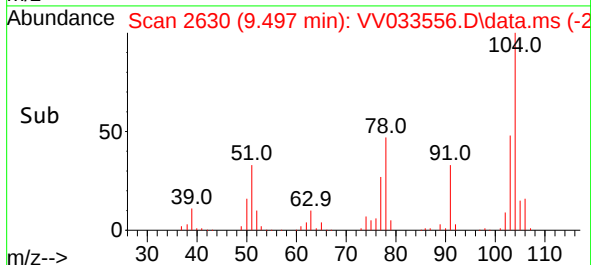
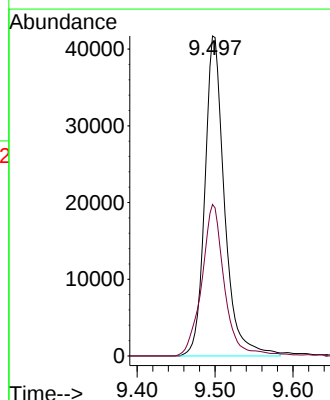
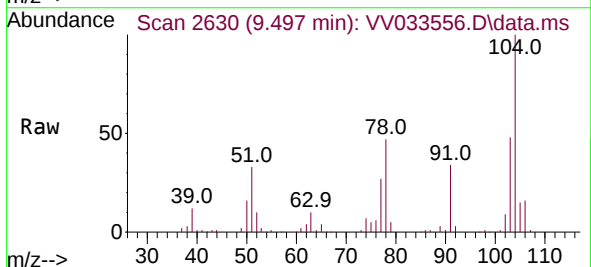
Instrument :
MSVOA_V
ClientSampleId :

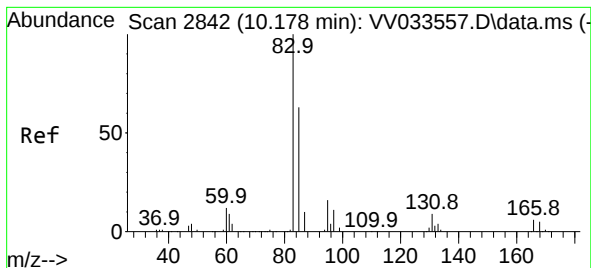
Tgt Ion:106 Resp: 41718
Ion Ratio Lower Upper
106 100
91 221.2 155.2 288.2



#55
Styrene
Concen: 11.193 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion:104 Resp: 73157
Ion Ratio Lower Upper
104 100
78 47.3 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 10.011 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

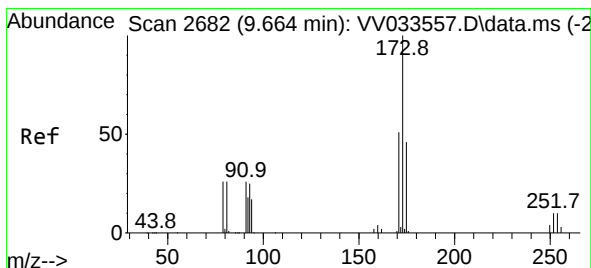
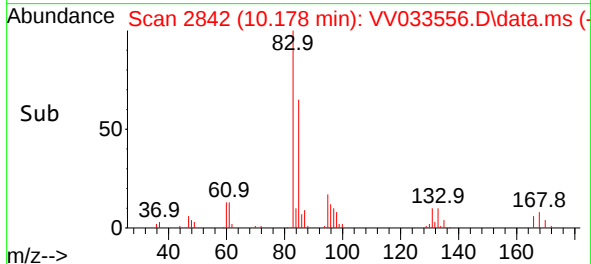
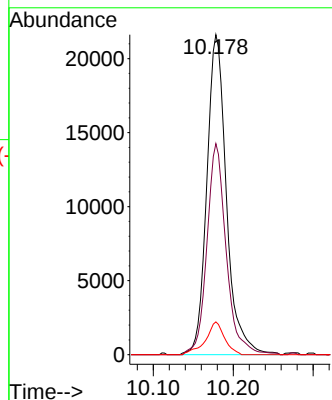
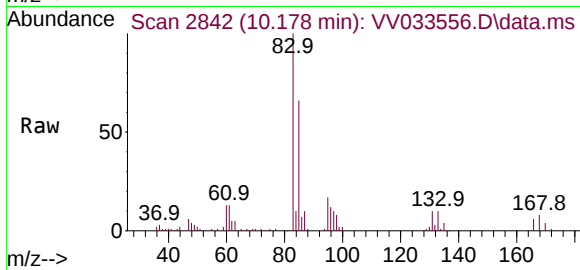
Tgt Ion: 83 Resp: 36979

Ion Ratio Lower Upper

83 100

85 66.0 44.9 83.5

131 10.3 7.5 11.3



#59

Bromoform

Concen: 9.670 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

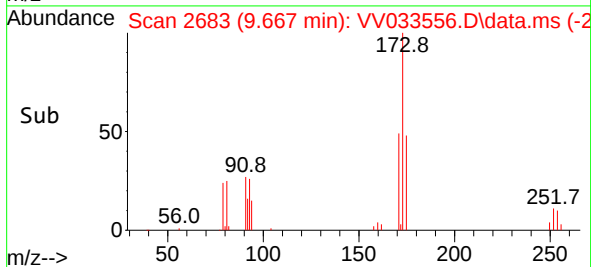
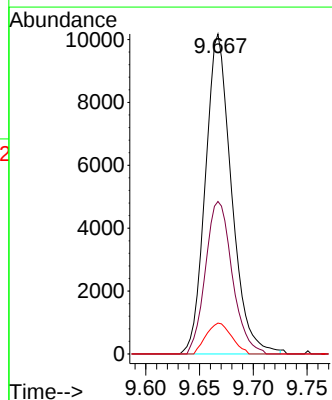
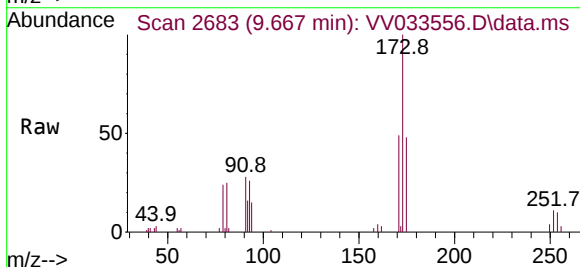
Tgt Ion: 173 Resp: 17197

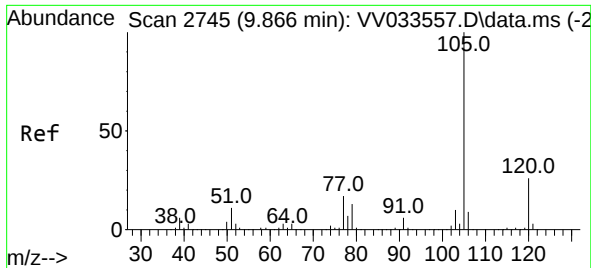
Ion Ratio Lower Upper

173 100

175 48.8 37.2 55.8

254 9.4 7.4 11.0

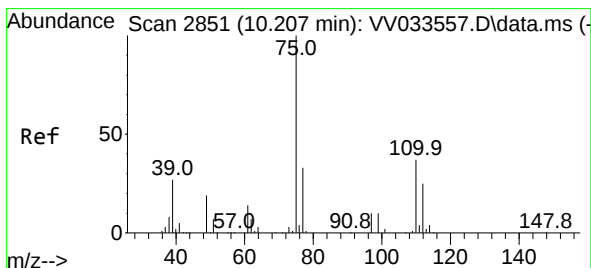
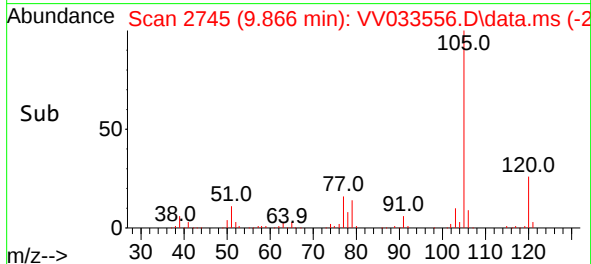
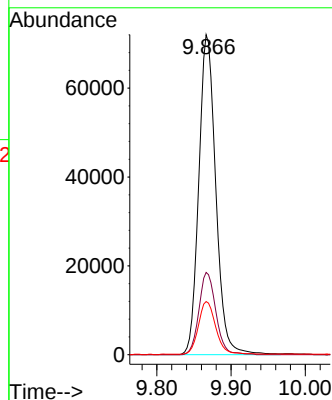
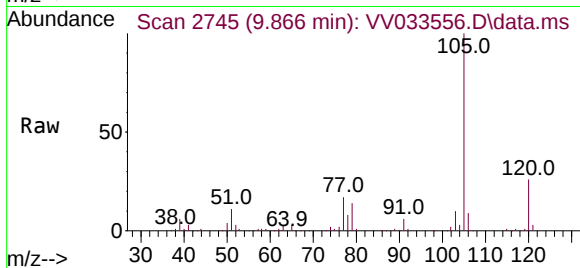




#60
Isopropylbenzene
Concen: 11.575 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

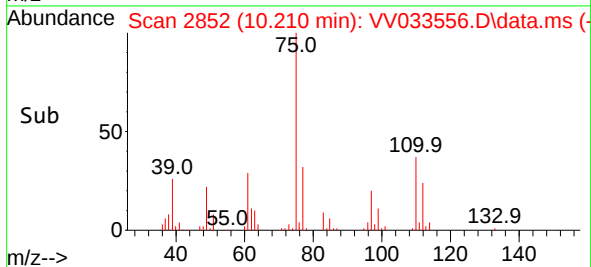
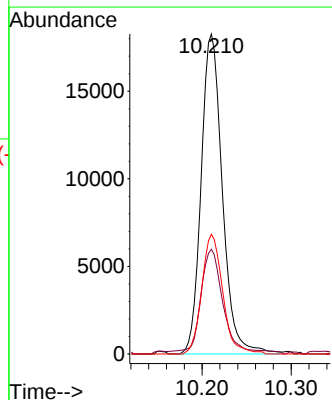
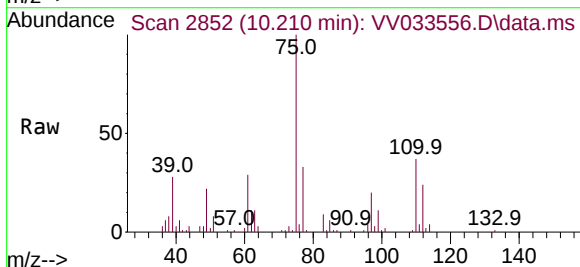
Instrument :
MSVOA_V
ClientSampleId :

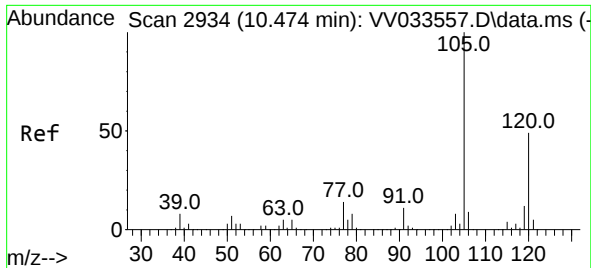
Tgt Ion:105 Resp: 114964
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 10.876 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion: 75 Resp: 30253
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
110 36.7 29.5 44.3

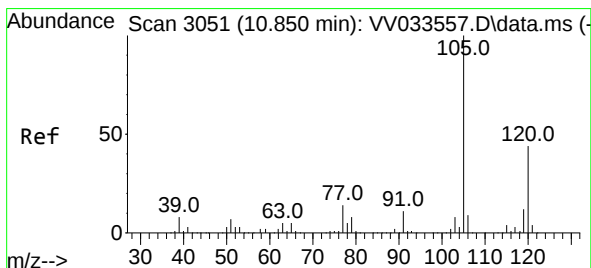
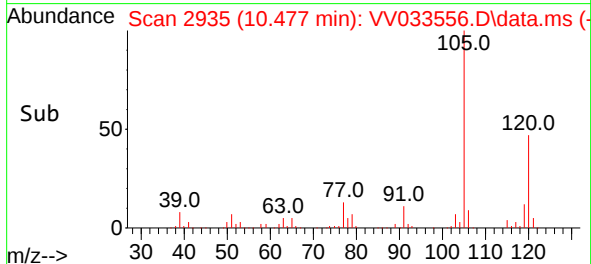
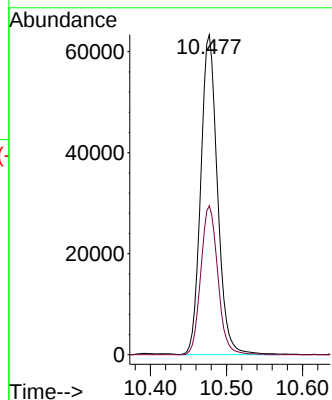
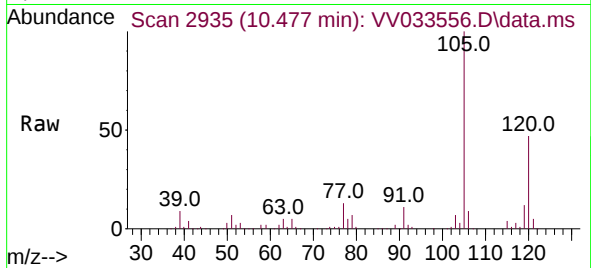




#62
1,3,5-Trimethylbenzene
Concen: 12.541 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

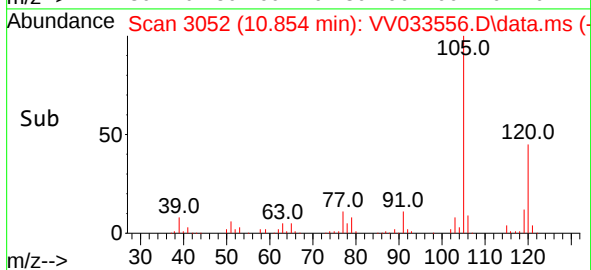
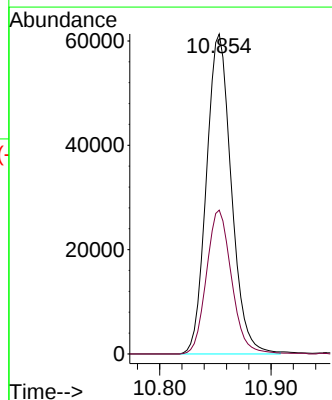
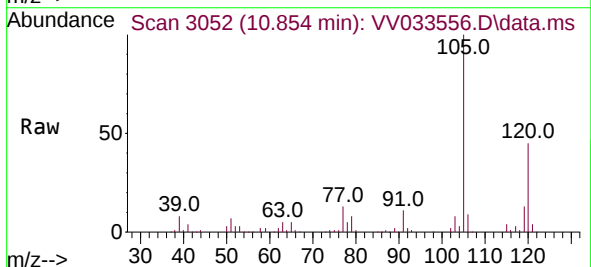
Instrument :
MSVOA_V
ClientSampleId :

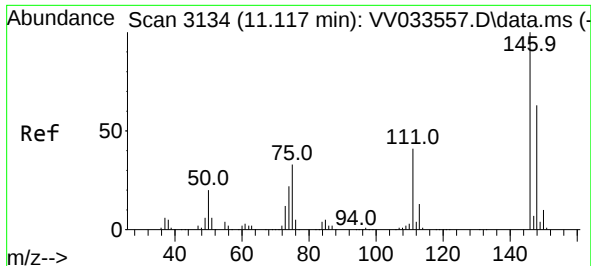
Tgt Ion:105 Resp: 97060
Ion Ratio Lower Upper
105 100
120 47.1 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 11.984 ug/L
RT: 10.854 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

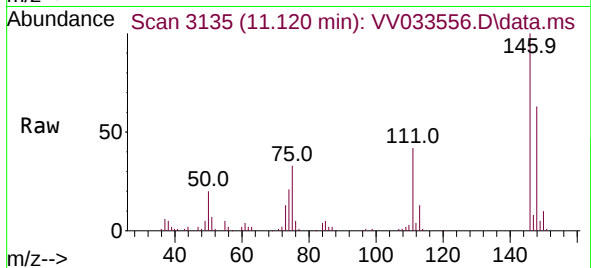
Tgt Ion:105 Resp: 95277
Ion Ratio Lower Upper
105 100
120 45.4 35.4 53.0



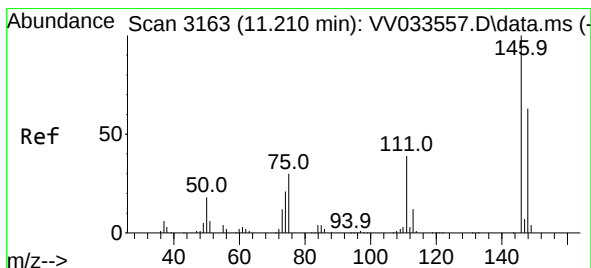
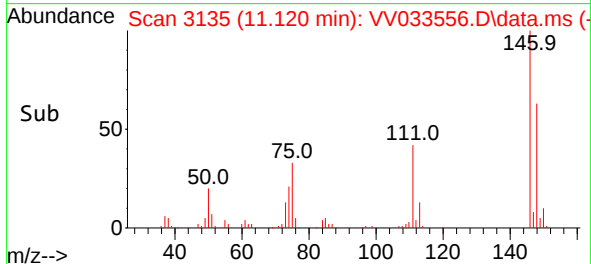
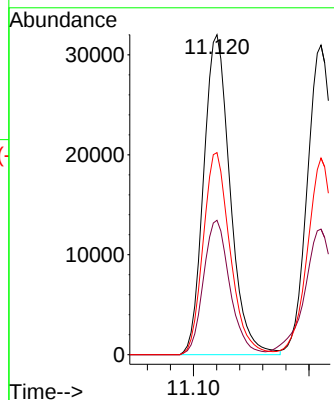


#64
1,3-Dichlorobenzene
Concen: 10.114 ug/L
RT: 11.120 min Scan# 3113
Delta R.T. 0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Instrument :
MSVOA_V
ClientSampleId :

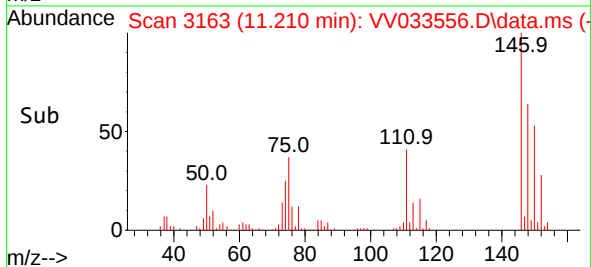
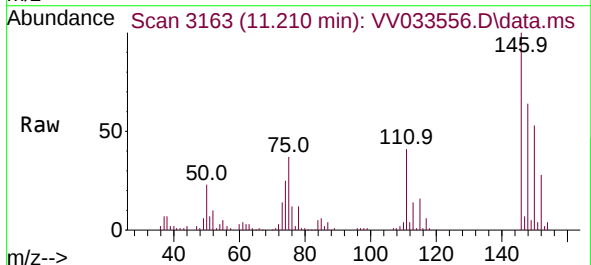
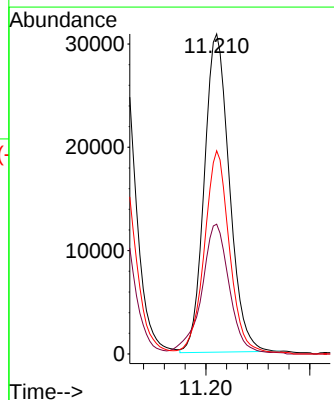


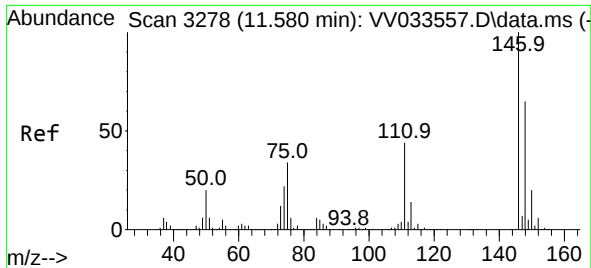
Tgt Ion:146 Resp: 51034
Ion Ratio Lower Upper
146 100
111 42.0 29.0 53.8
148 63.1 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 9.612 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion:146 Resp: 51692
Ion Ratio Lower Upper
146 100
111 40.6 27.7 51.5
148 63.5 44.1 81.9

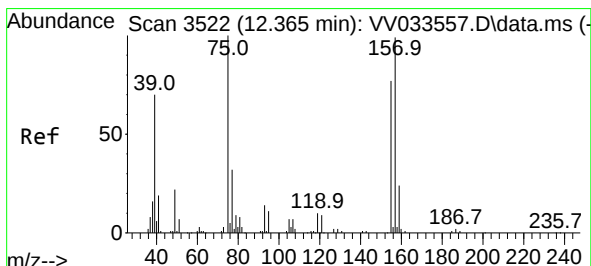
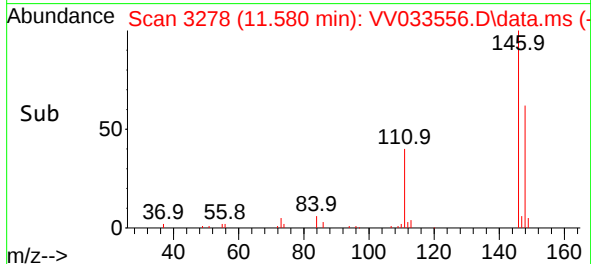
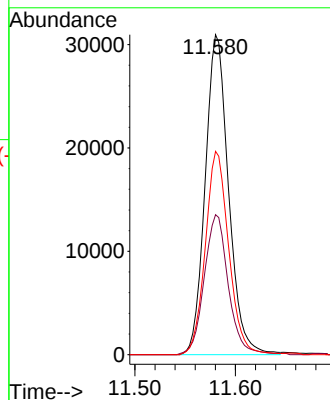
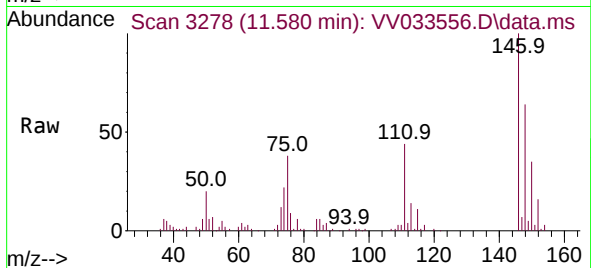




#67
1,2-Dichlorobenzene
Concen: 9.617 ug/L
RT: 11.580 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

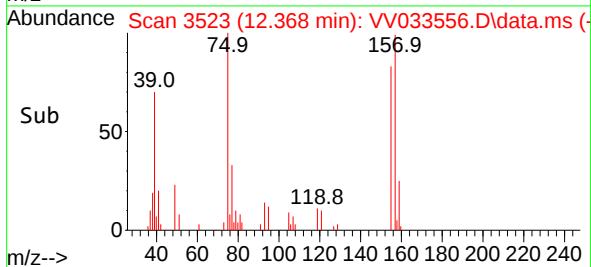
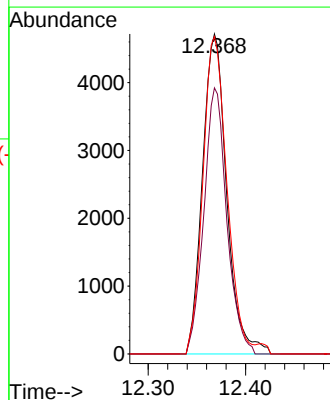
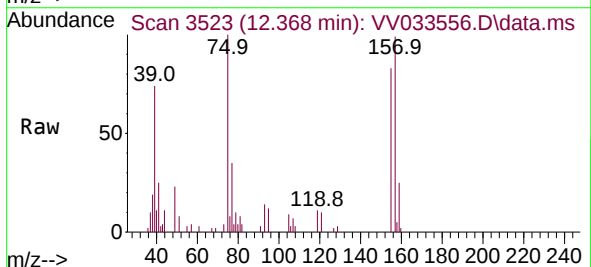
Instrument :
MSVOA_V
ClientSampleId :

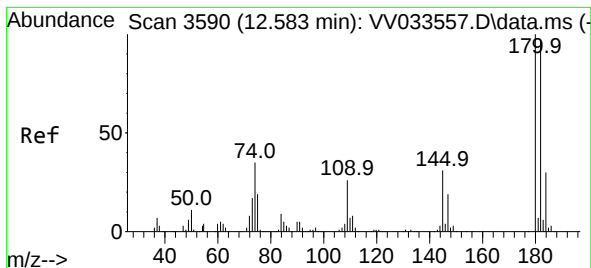
Tgt Ion:146 Resp: 50044
Ion Ratio Lower Upper
146 100
111 43.7 35.4 53.0
148 63.6 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 10.471 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV033556.D
Acq: 10 Jan 2024 12:35

Tgt Ion: 75 Resp: 8120
Ion Ratio Lower Upper
75 100
155 83.1 61.6 92.4
157 99.2 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 10.279 ug/L

RT: 12.583 min Scan# 31

Delta R.T. -0.000 min

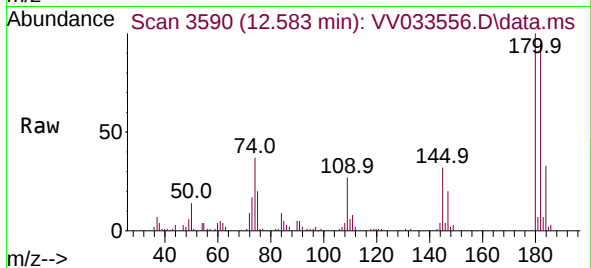
Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 36699

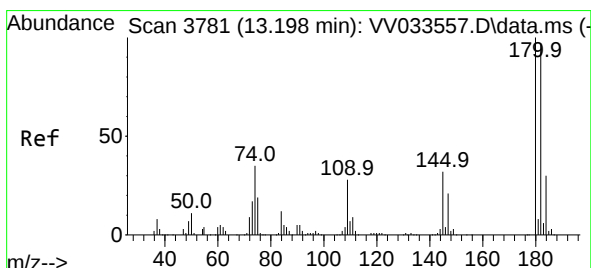
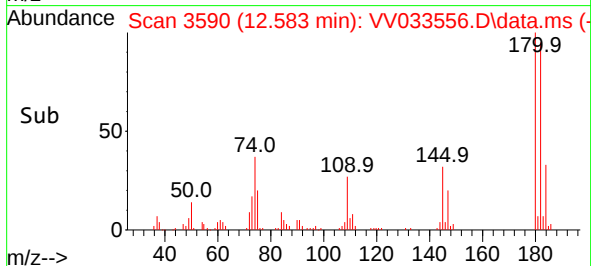
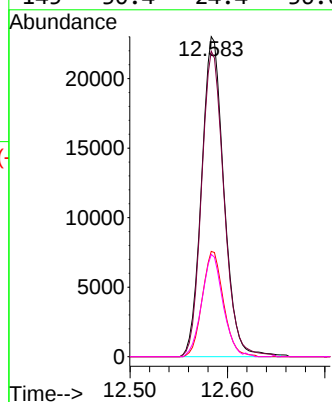
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

184 31.2 23.9 35.9

145 30.4 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 10.766 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

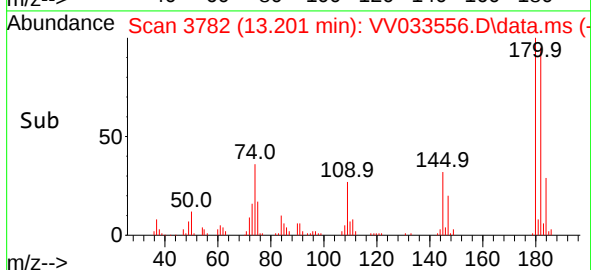
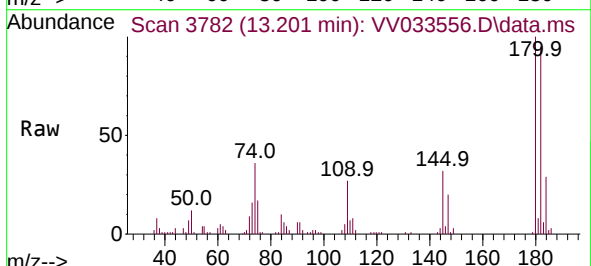
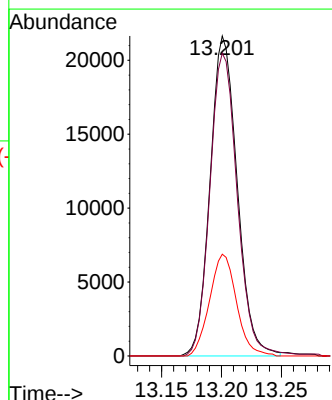
Tgt Ion:180 Resp: 33931

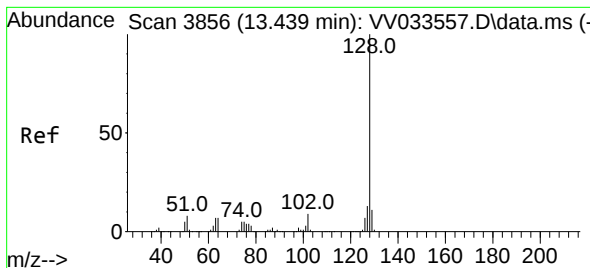
Ion Ratio Lower Upper

180 100

182 95.8 76.3 114.5

145 31.6 25.4 38.0





#71

Naphthalene

Concen: 10.757 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.003 min

Lab File: VV033556.D

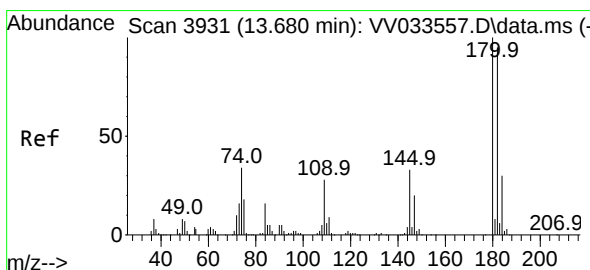
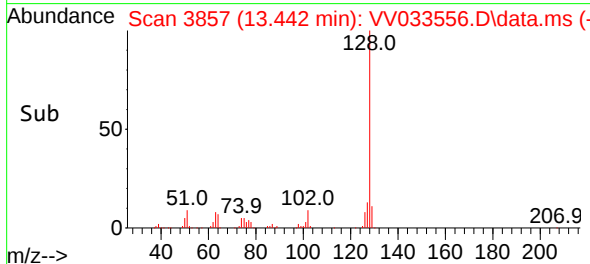
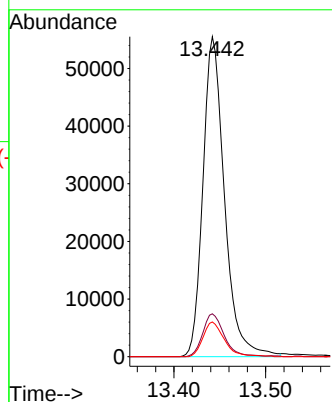
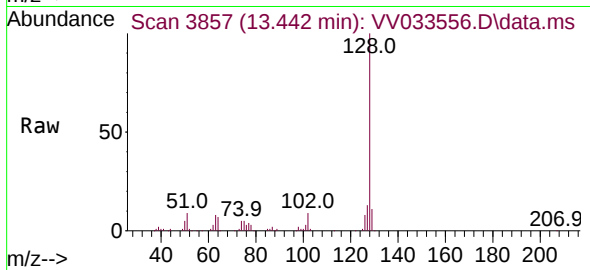
Acq: 10 Jan 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	90837
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	10.7	8.6	13.0



#72

1,2,3-Trichlorobenzene

Concen: 10.500 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033556.D

Acq: 10 Jan 2024 12:35

Tgt Ion:	180	Resp:	31681
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.0	114.0
145	33.2	26.3	39.5

