

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045276.D
 Acq On : 13 Mar 2025 17:52
 Operator : JC/MD
 Sample : Q1559-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 12:29:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	70011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60857	54.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.300%
35) Dibromofluoromethane	5.379	113	48070	52.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.500%
50) Toluene-d8	8.647	98	171285	51.850	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.700%
62) 4-Bromofluorobenzene	11.079	95	57293	52.338	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.680%

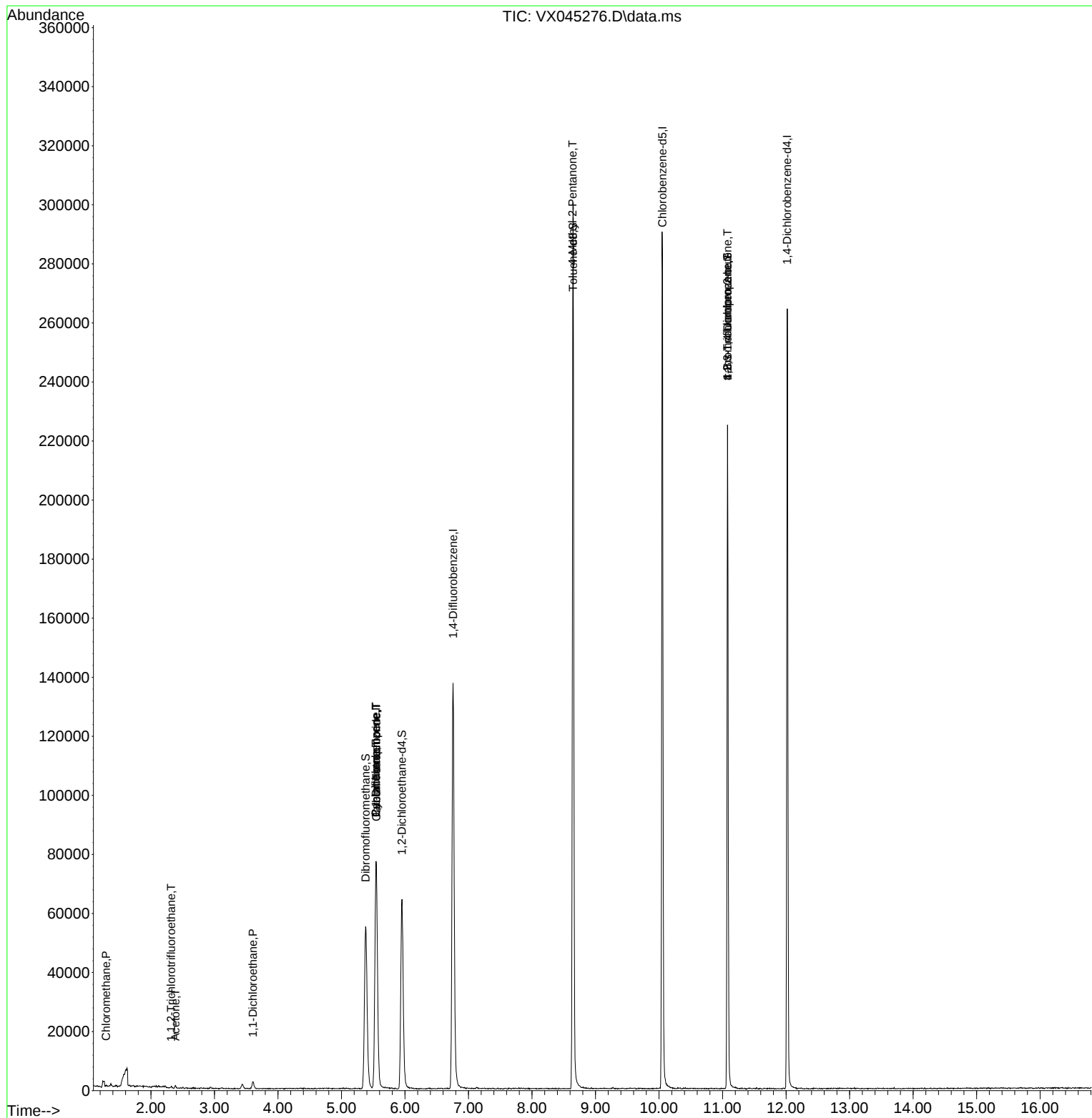
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	305	0.283	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	233	0.286	ug/l #	65
16) Acetone	2.386	43	876	1.695	ug/l	95
24) 1,1-Dichloroethane	3.605	63	2660	1.524	ug/l	97
31) Cyclohexane	5.544	56	1900	1.254	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6500	5.201	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7429	5.856	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	943	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32158	27.269	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32158	93.318	ug/l #	6

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

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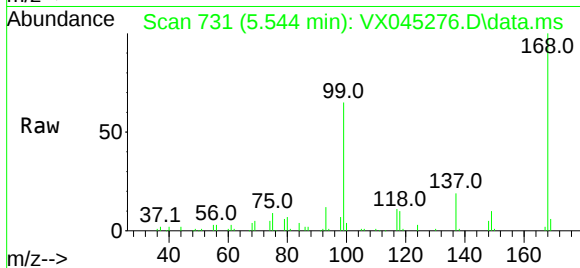
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



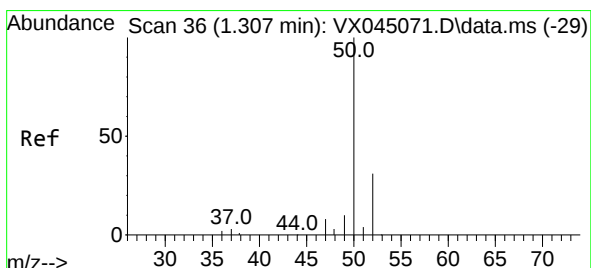
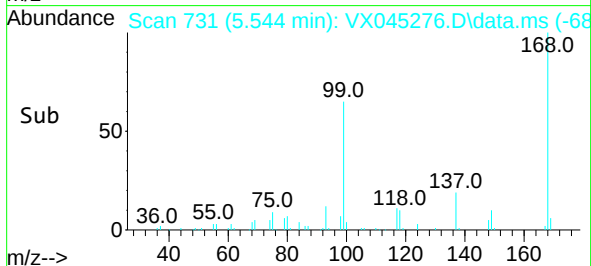
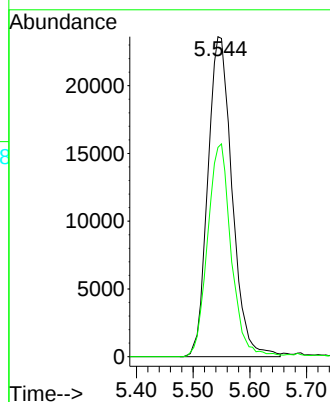


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :

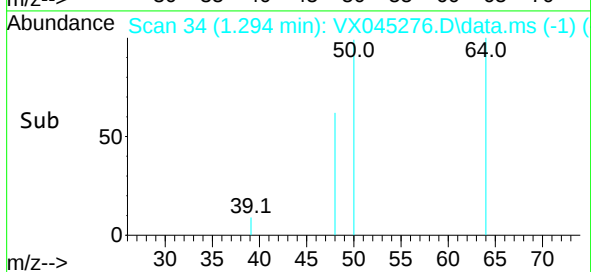
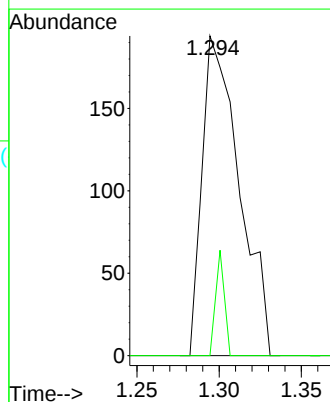
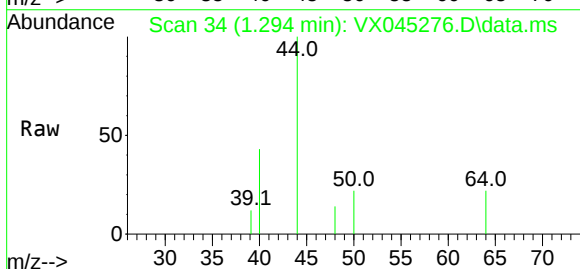


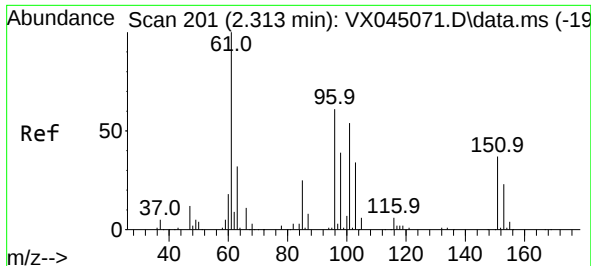
Tgt Ion:168 Resp: 70011
Ion Ratio Lower Upper
168 100
99 65.4 48.2 72.4



#3
Chloromethane
Concen: 0.283 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

Tgt Ion: 50 Resp: 305
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

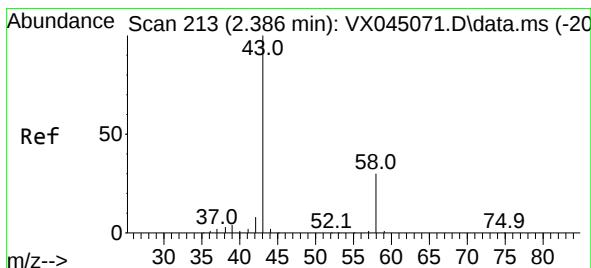
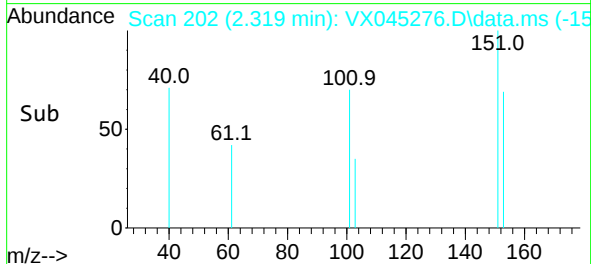
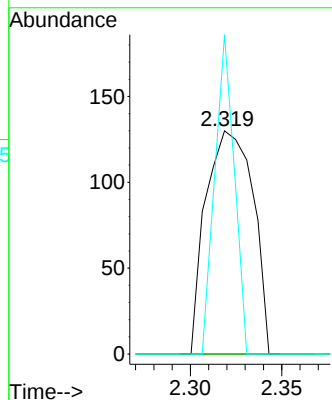
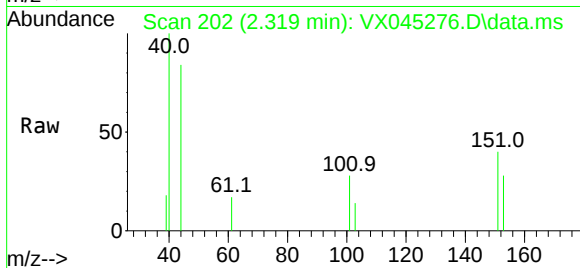




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.286 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

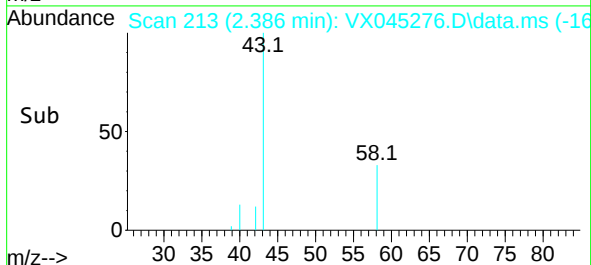
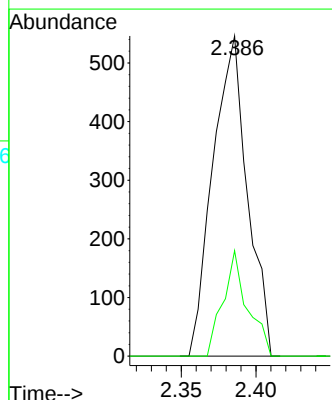
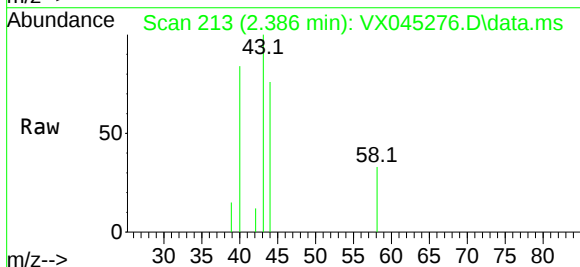
Instrument :
MSVOA_X
ClientSampleId :

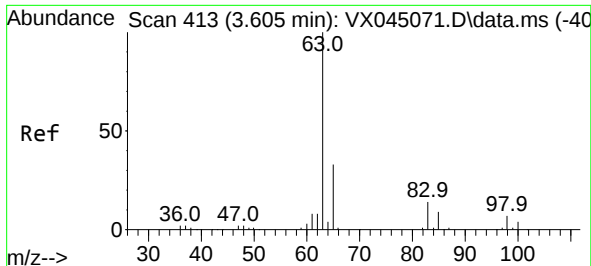
Tgt Ion:101 Resp: 233
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 59.2 56.4 84.6



#16
Acetone
Concen: 1.695 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

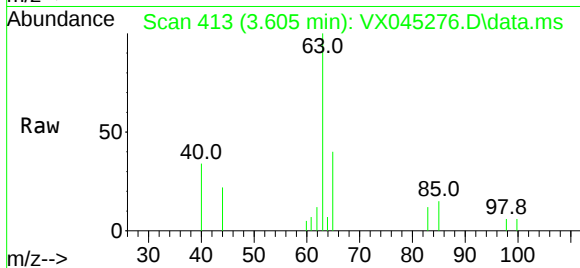
Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 33.0 24.2 36.4



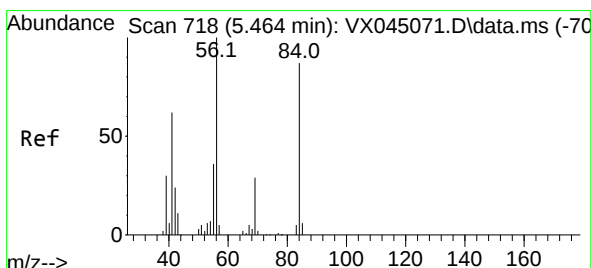
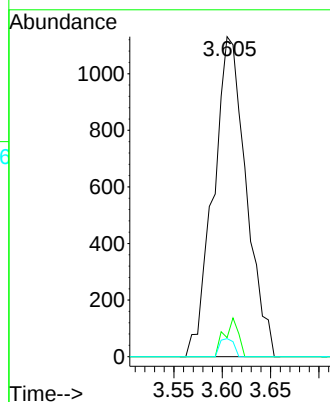
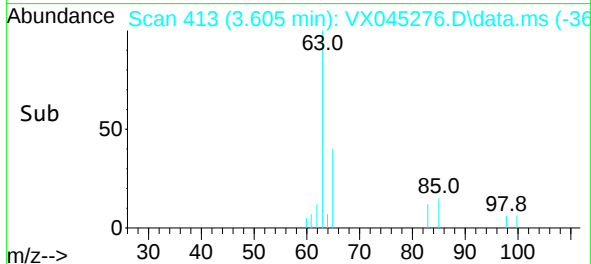


#24
1,1-Dichloroethane
Concen: 1.524 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

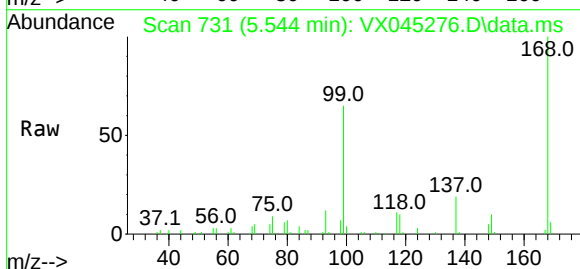
Instrument :
MSVOA_X
ClientSampleId :



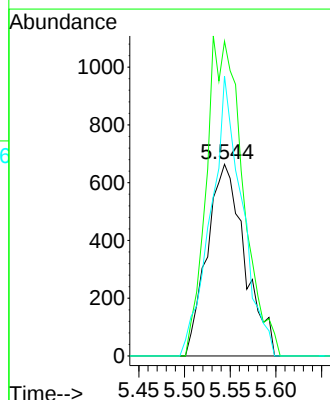
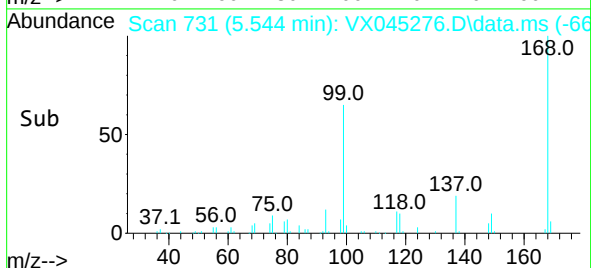
Tgt Ion: 63 Resp: 2660
Ion Ratio Lower Upper
63 100
98 5.9 3.4 10.2
100 5.7 2.1 6.5

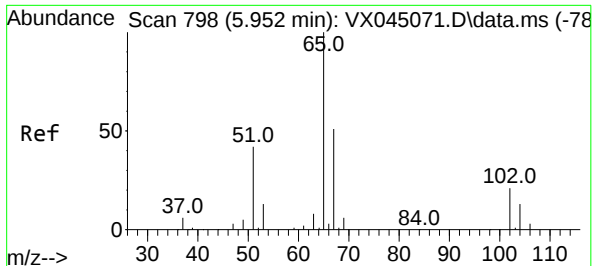


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52



Tgt Ion: 56 Resp: 1900
Ion Ratio Lower Upper
56 100
69 164.2 23.4 35.2#
84 145.9 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 54.648 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045276.D

Acq: 13 Mar 2025 17:52

Instrument :

MSVOA_X

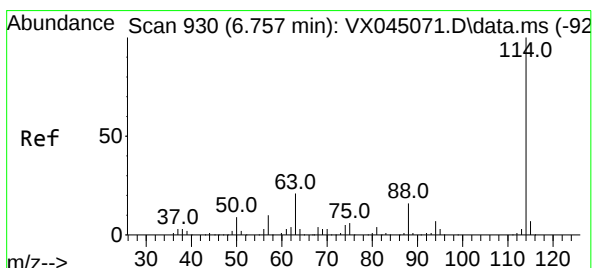
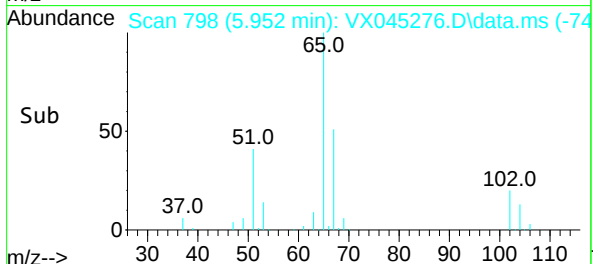
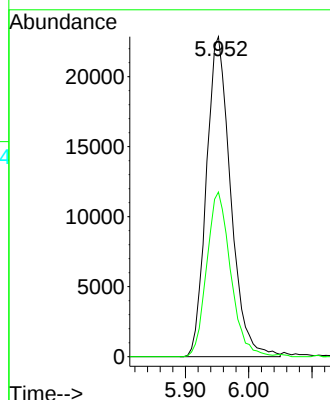
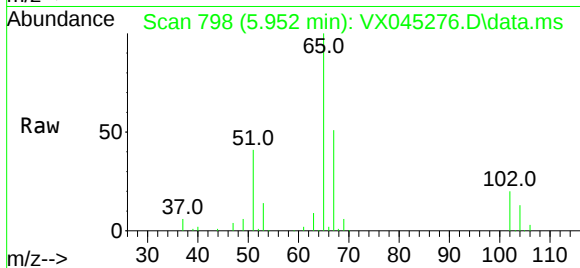
ClientSampleId :

Tgt Ion: 65 Resp: 60857

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045276.D

Acq: 13 Mar 2025 17:52

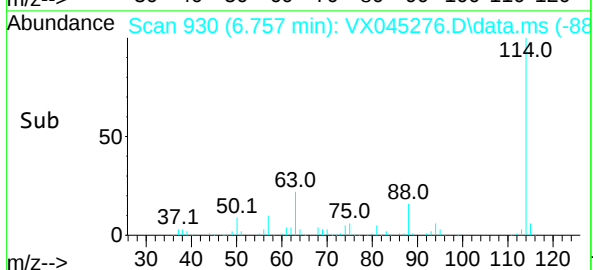
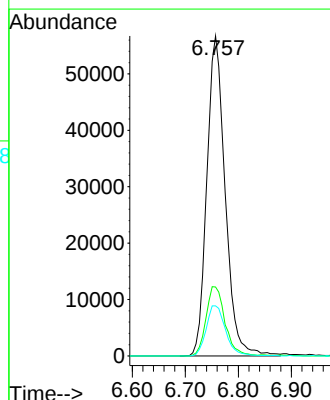
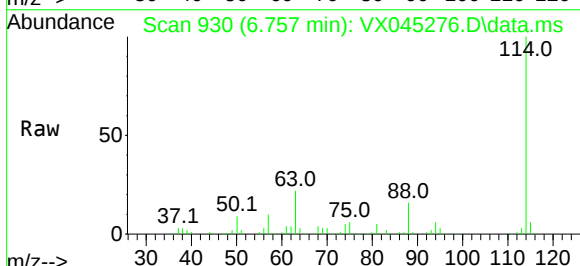
Tgt Ion: 114 Resp: 136273

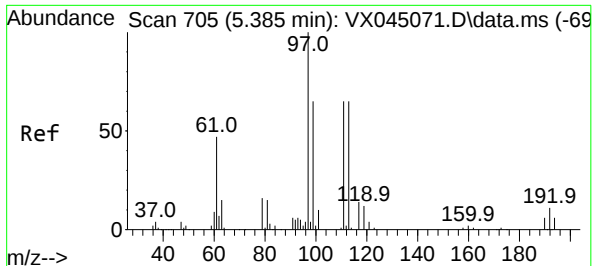
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.753 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

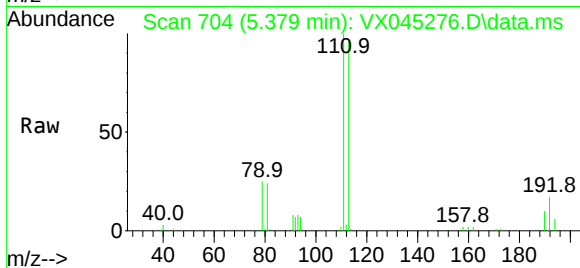
Lab File: VX045276.D

Acq: 13 Mar 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :



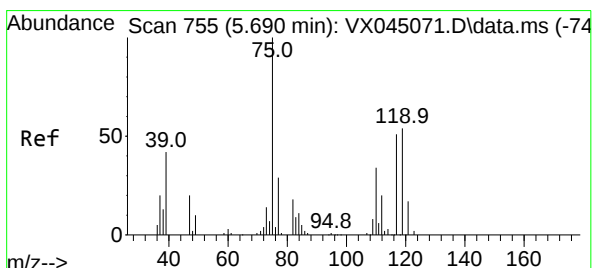
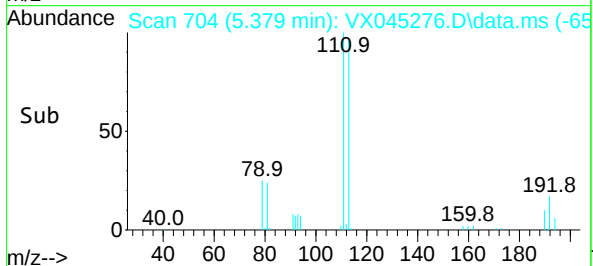
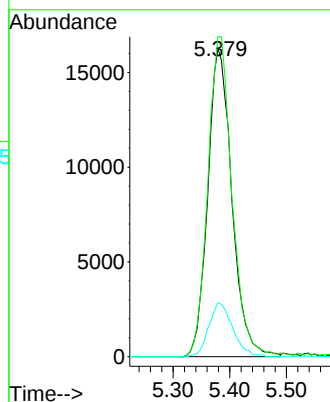
Tgt Ion:113 Resp: 48070

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.6

192 17.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.201 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX045276.D

Acq: 13 Mar 2025 17:52

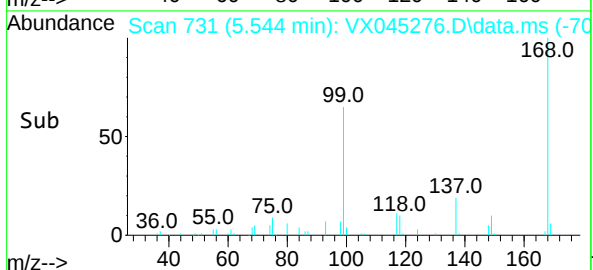
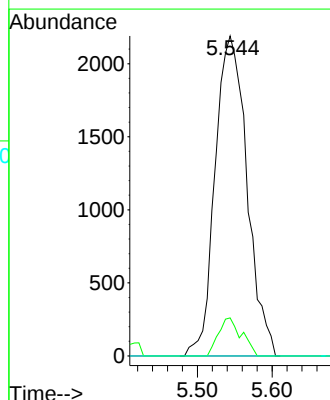
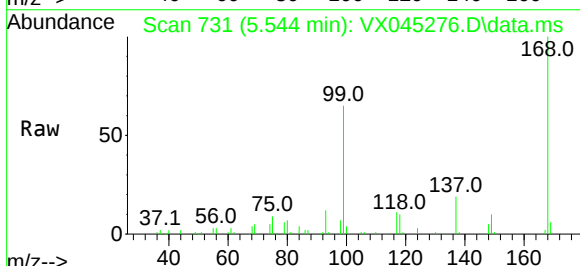
Tgt Ion: 75 Resp: 6500

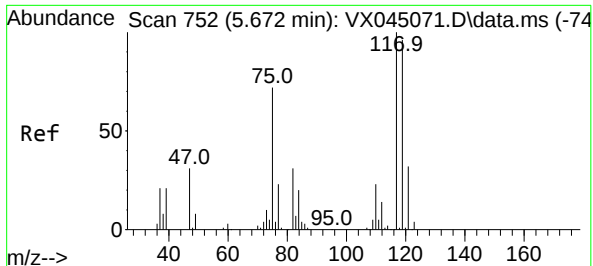
Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.6#

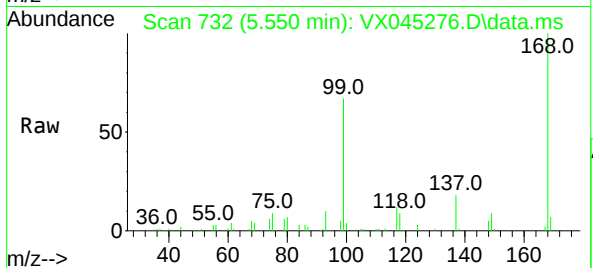
77 0.0 24.5 36.7#



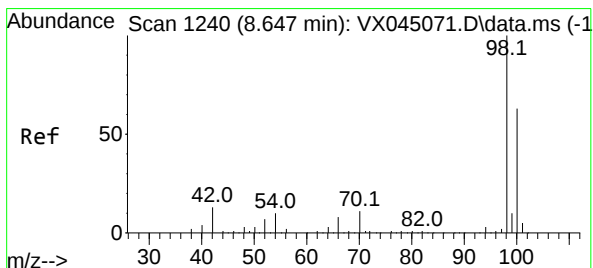
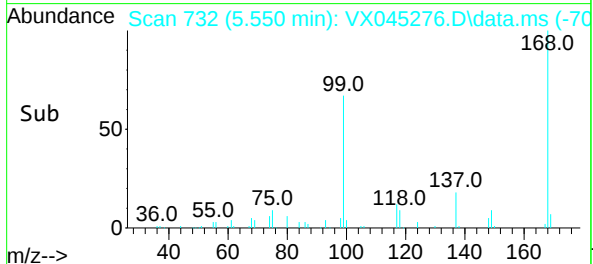
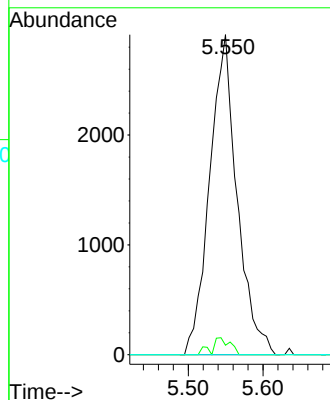


#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :

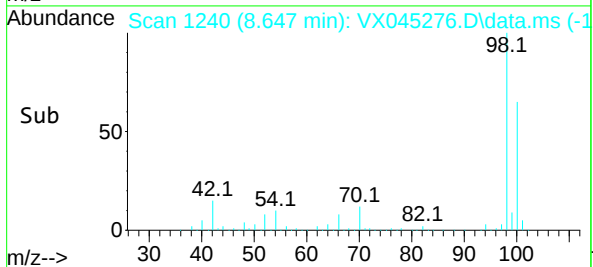
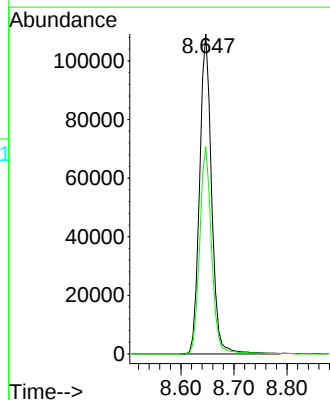
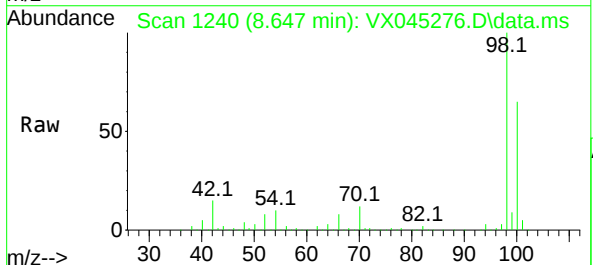


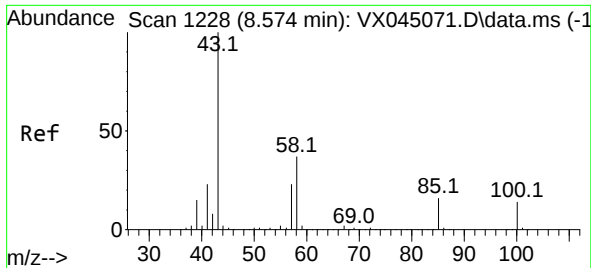
Tgt Ion:117 Resp: 7429
Ion Ratio Lower Upper
117 100
119 3.0 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.850 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

Tgt Ion: 98 Resp: 171285
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

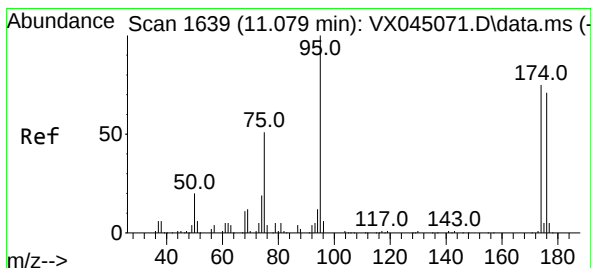
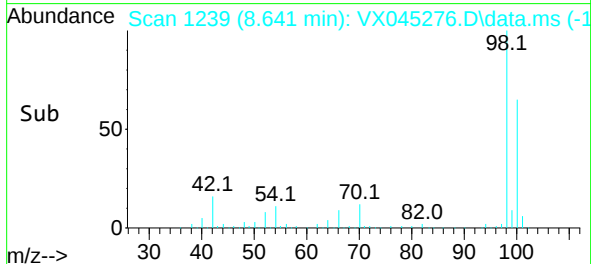
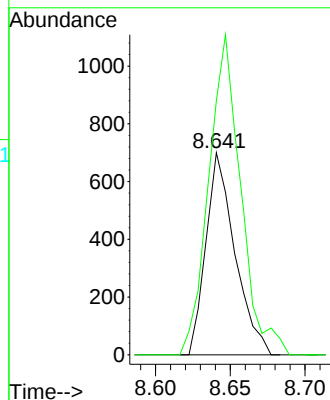
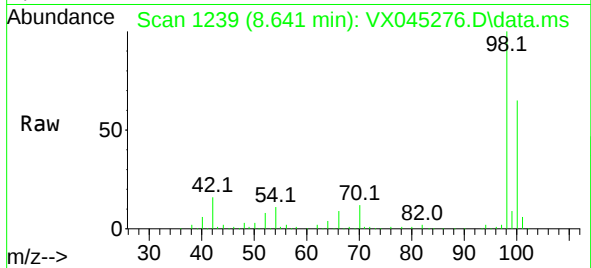




#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

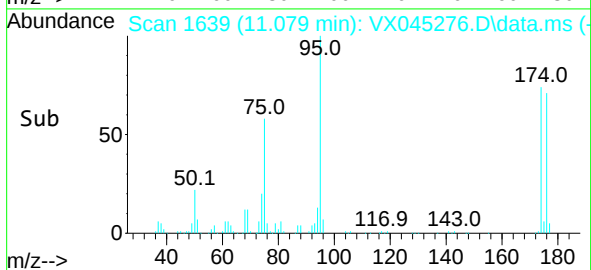
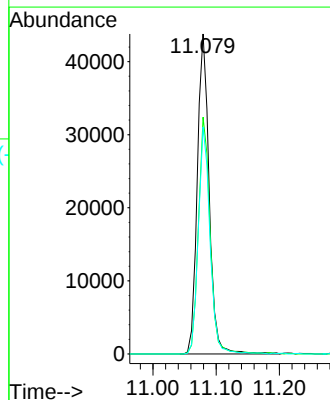
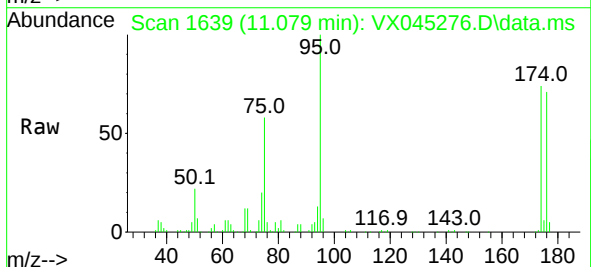
Instrument :
MSVOA_X
ClientSampleId :

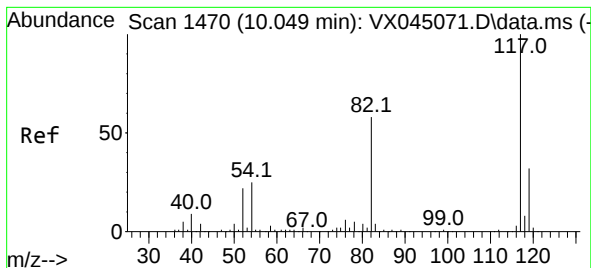
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 175.2 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 52.338 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

Tgt Ion: 95 Resp: 57293
Ion Ratio Lower Upper
95 100
174 72.9 0.0 148.2
176 69.5 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045276.D

Acq: 13 Mar 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

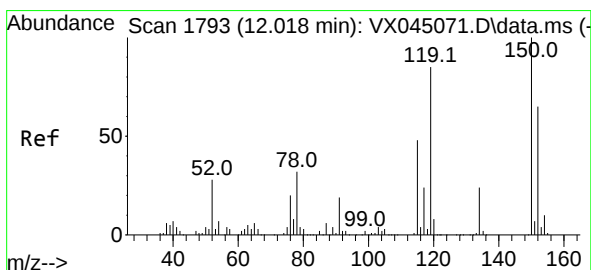
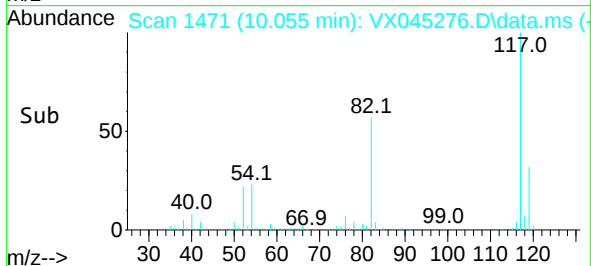
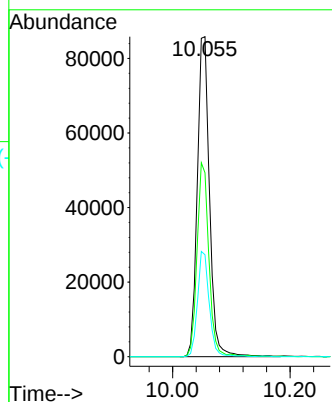
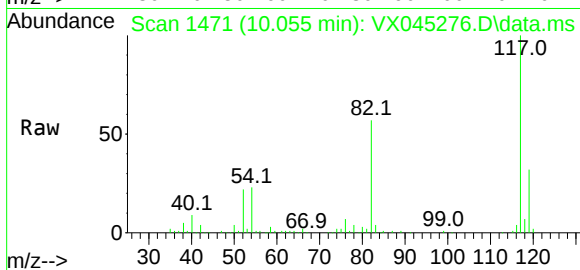
Tgt Ion:117 Resp: 123646

Ion Ratio Lower Upper

117 100

82 57.5 46.3 69.5

119 31.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045276.D

Acq: 13 Mar 2025 17:52

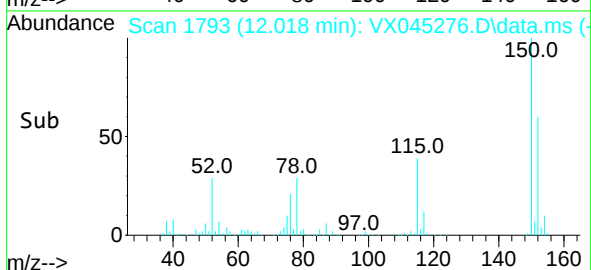
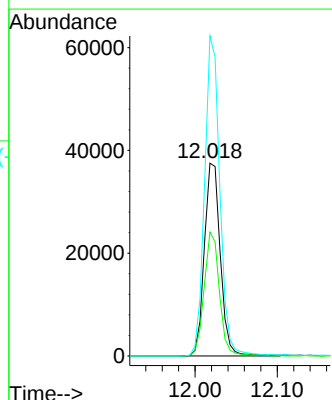
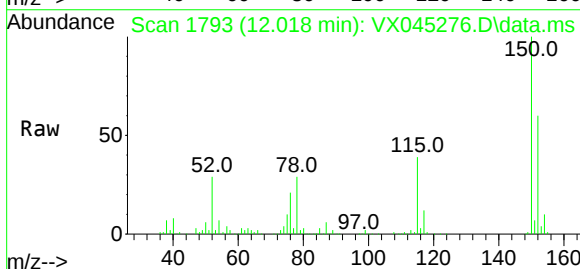
Tgt Ion:152 Resp: 50668

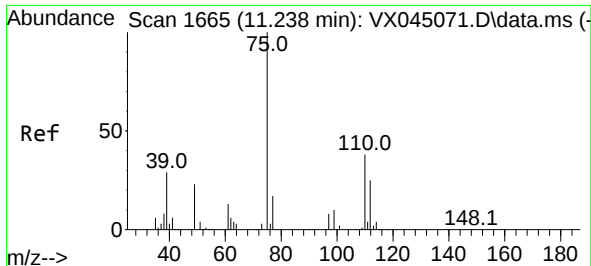
Ion Ratio Lower Upper

152 100

115 61.7 44.2 132.6

150 159.1 0.0 349.0

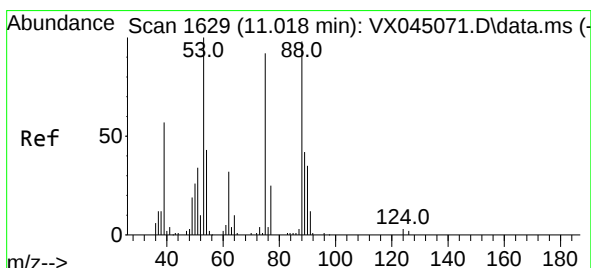
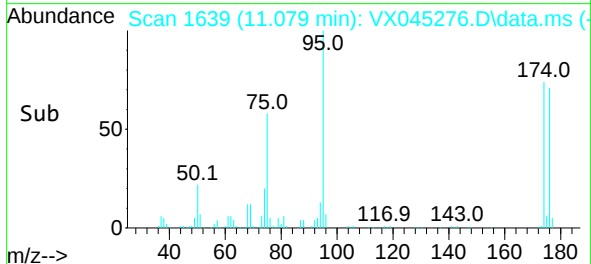
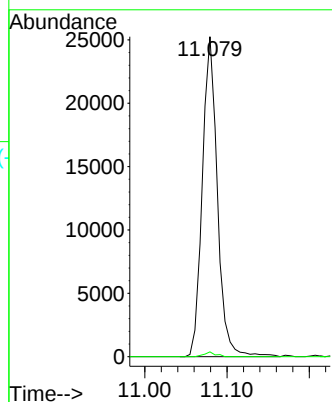
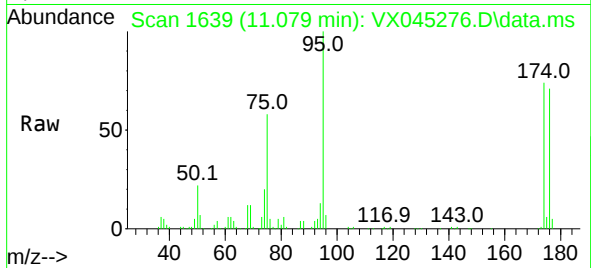




#76
1,2,3-Trichloropropane
Concen: 27.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32158
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045276.D
Acq: 13 Mar 2025 17:52

Tgt Ion: 75 Resp: 32158
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.1 36.2 54.4#

