

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045278.D
 Acq On : 13 Mar 2025 18:39
 Operator : JC/MD
 Sample : Q1559-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 12:30:06 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)

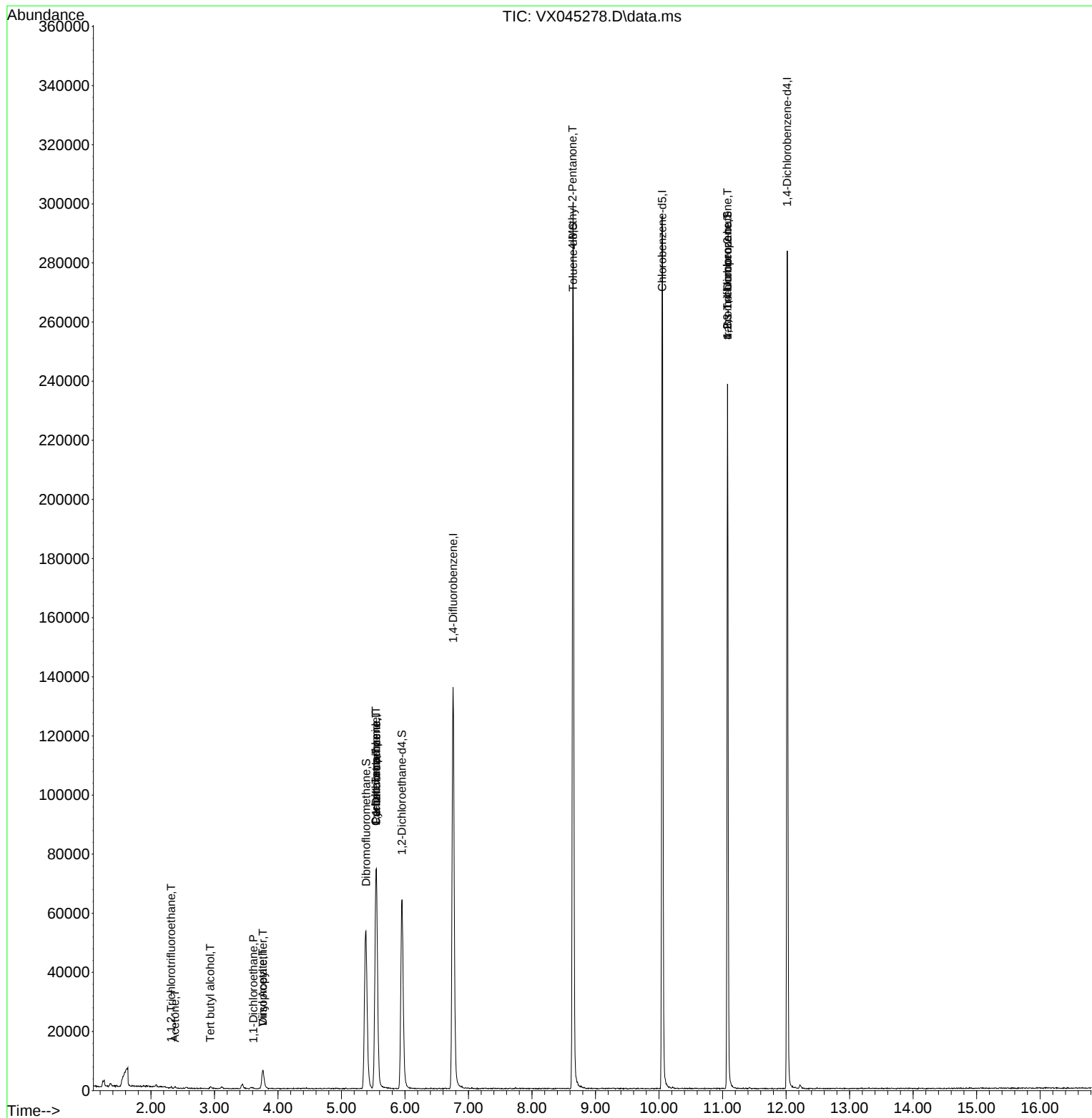
Internal Standards						
1) Pentafluorobenzene	5.550	168	68309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60432	55.618	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.240%	
35) Dibromofluoromethane	5.385	113	47428	52.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.360%	
50) Toluene-d8	8.647	98	170620	52.277	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	11.079	95	59329	54.858	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.720%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	178	0.224	ug/l #	59
11) Tert butyl alcohol	2.934	59	232	1.127	ug/l #	73
16) Acetone	2.380	43	522	1.035	ug/l	93
22) Diisopropyl ether	3.763	45	7219	2.376	ug/l #	79
23) Vinyl Acetate	3.757	43	3920	1.546	ug/l #	73
24) 1,1-Dichloroethane	3.611	63	394	0.231	ug/l #	83
31) Cyclohexane	5.544	56	1842	1.246	ug/l #	38
36) 1,1-Dichloropropene	5.544	75	6497	5.262	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7176	5.725	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	902	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32916	25.889	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32916	88.595	ug/l #	6

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

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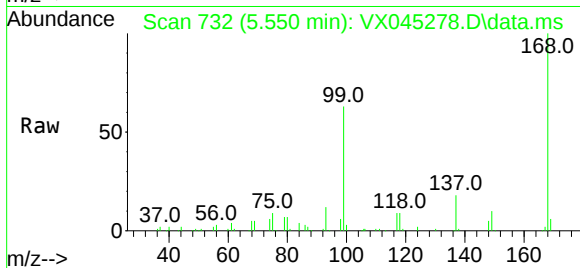
Quant Time: Mar 14 12:30:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



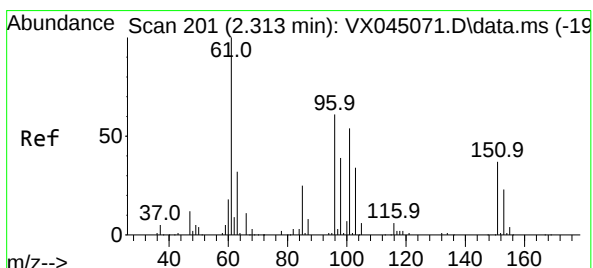
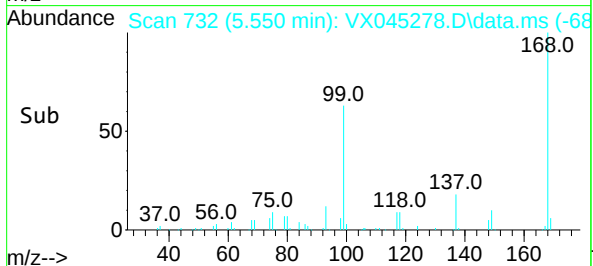
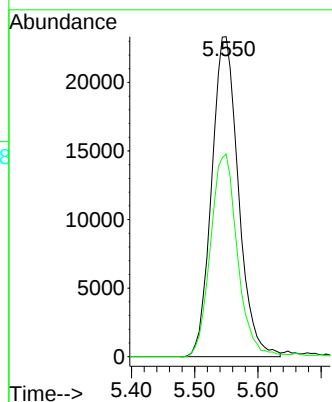


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Instrument :
MSVOA_X
ClientSampleId :

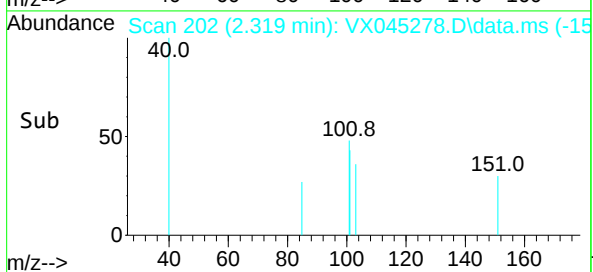
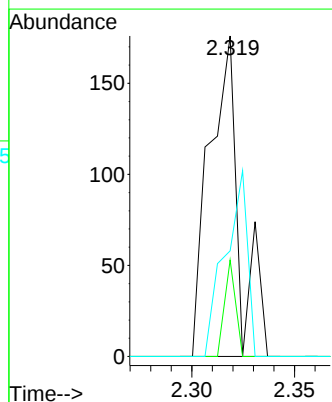
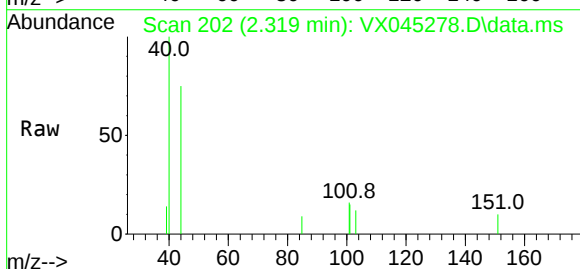


Tgt Ion:168 Resp: 68309
Ion Ratio Lower Upper
168 100
99 63.3 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.224 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

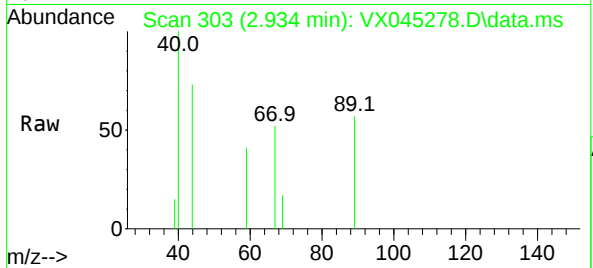
Tgt Ion:101 Resp: 178
Ion Ratio Lower Upper
101 100
85 10.7 36.2 54.4#
151 43.3 56.4 84.6#



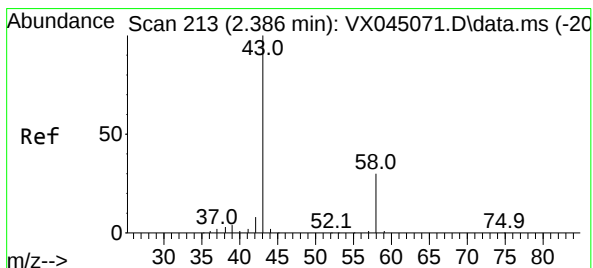
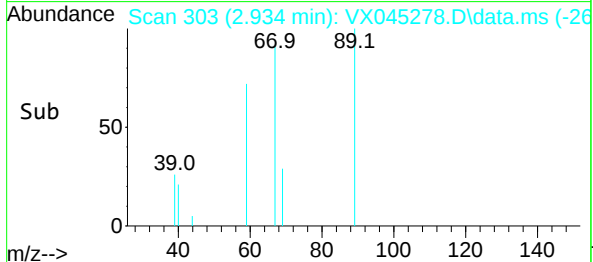
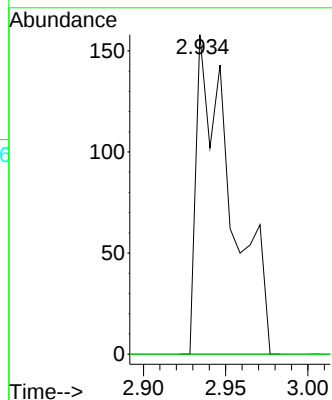


#11
Tert butyl alcohol
Concen: 1.127 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Instrument :
MSVOA_X
ClientSampleId :

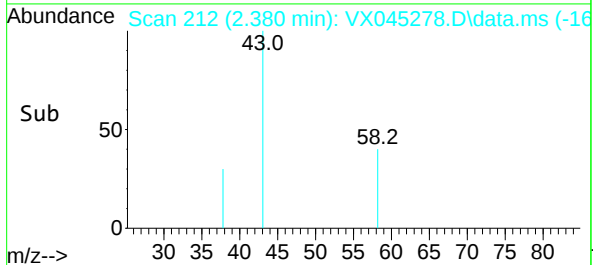
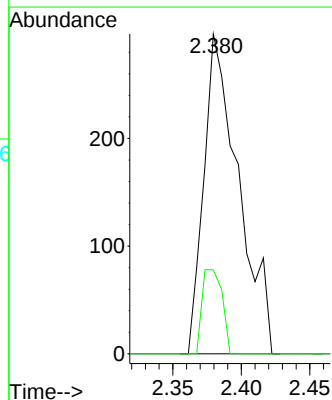
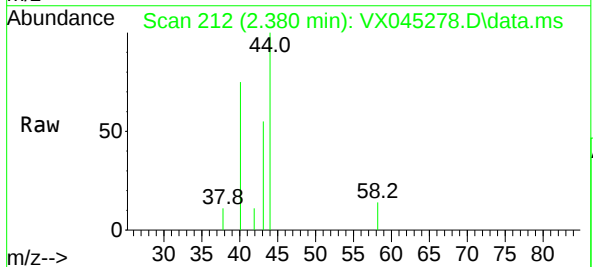


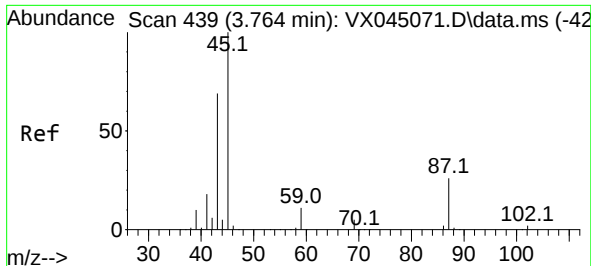
Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.035 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

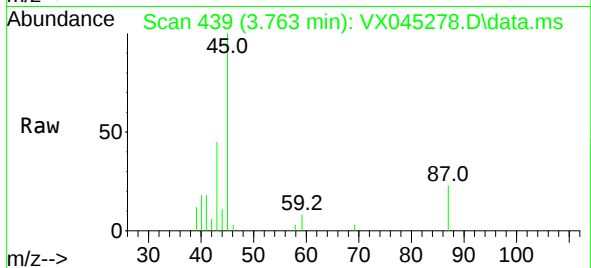
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 26.3 24.2 36.4



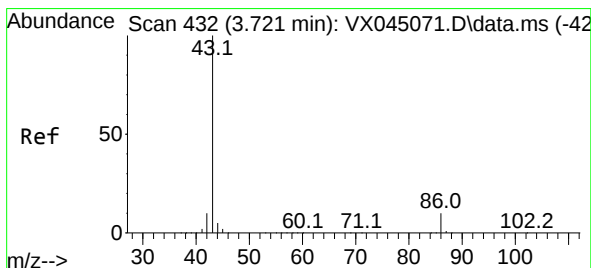
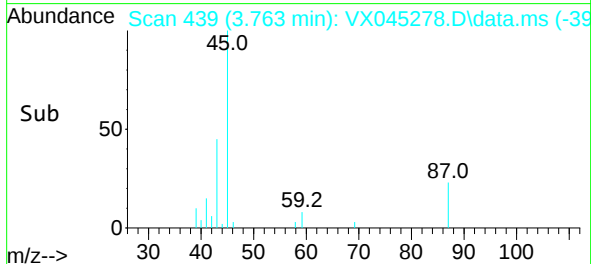
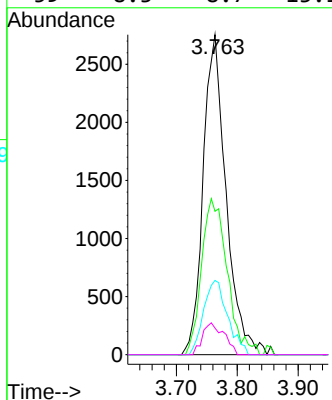


#22
Diisopropyl ether
Concen: 2.376 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Instrument :
MSVOA_X
ClientSampleId :

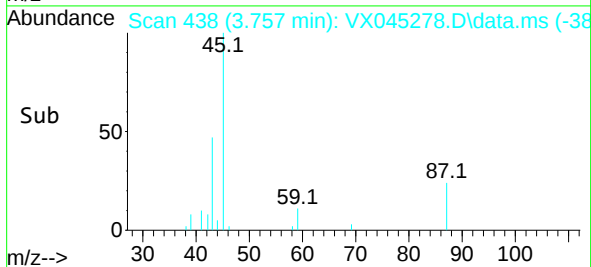
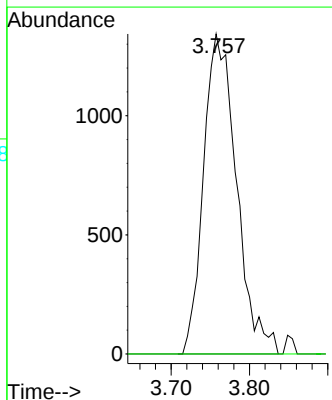
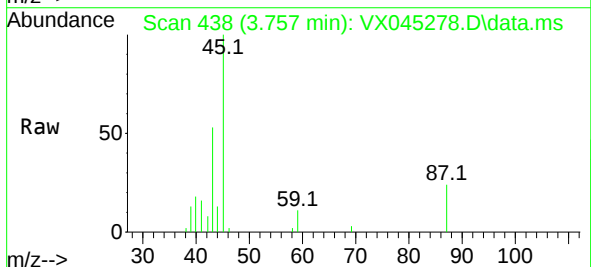


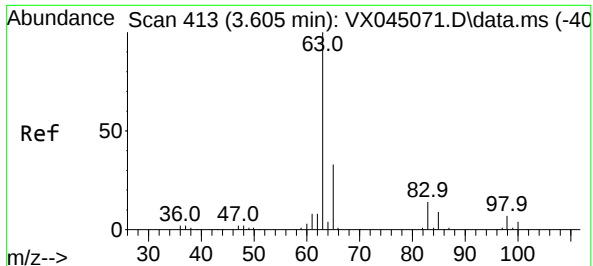
Tgt Ion: 45	Resp: 7219
Ion Ratio	Lower Upper
45 100	
43 44.8	54.9 82.3#
87 23.2	21.0 31.4
59 8.3	8.7 13.1#



#23
Vinyl Acetate
Concen: 1.546 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.036 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Tgt Ion: 43	Resp: 3920		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	8.1	12.1#	

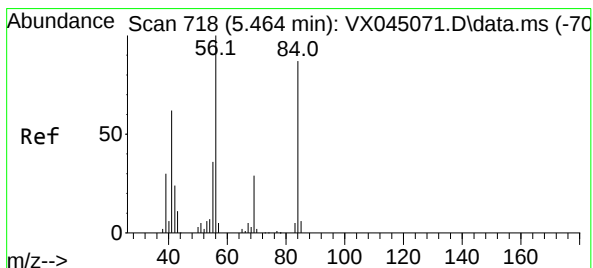
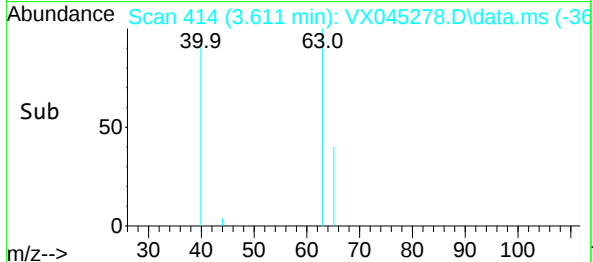
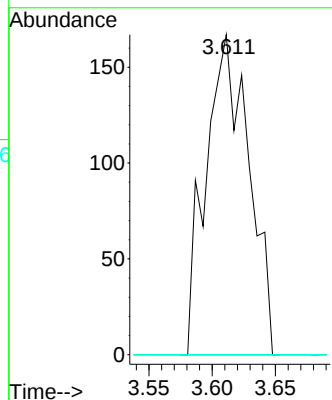
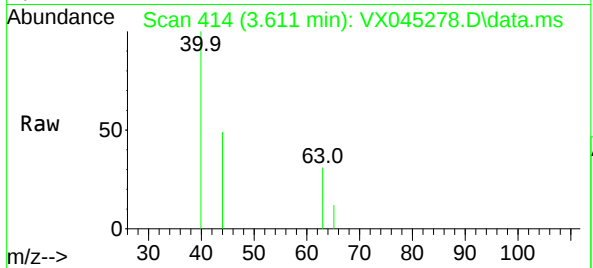




#24
1,1-Dichloroethane
Concen: 0.231 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

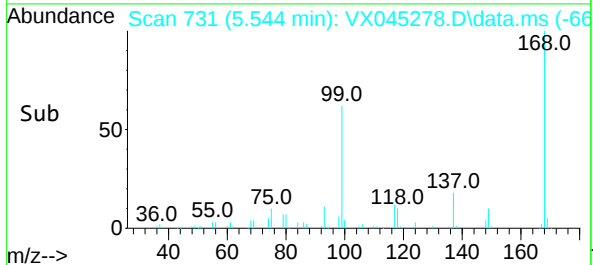
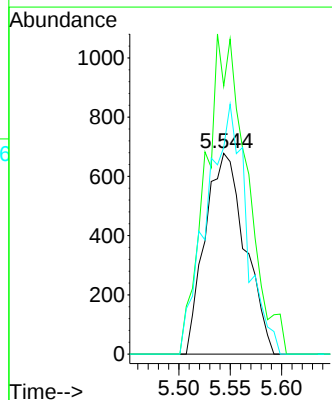
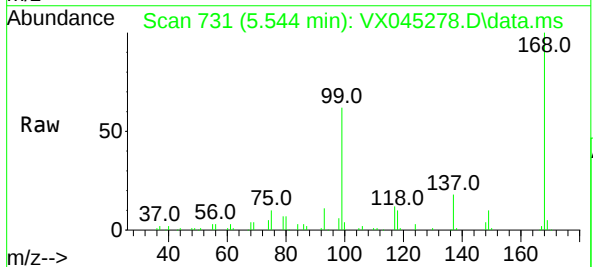
Instrument :
MSVOA_X
ClientSampleId :

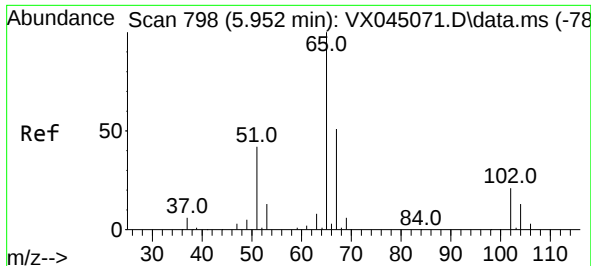
Tgt Ion: 63 Resp: 394
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.1 6.5#



#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Tgt Ion: 56 Resp: 1842
Ion Ratio Lower Upper
56 100
69 133.5 23.4 35.2#
84 102.9 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 55.618 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045278.D

Acq: 13 Mar 2025 18:39

Instrument :

MSVOA_X

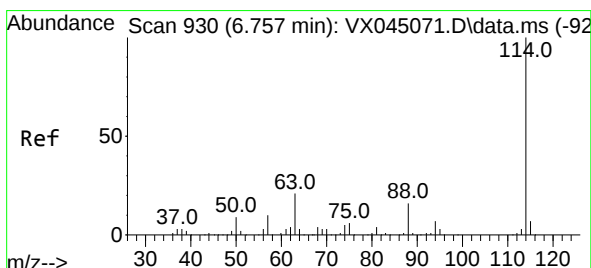
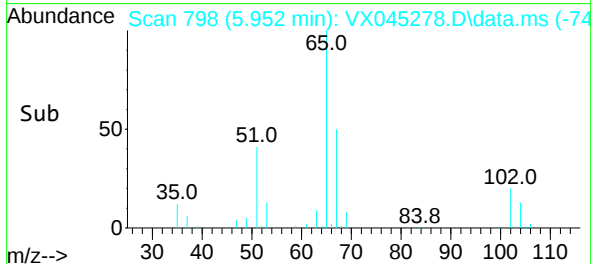
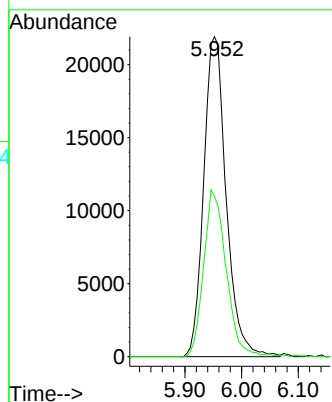
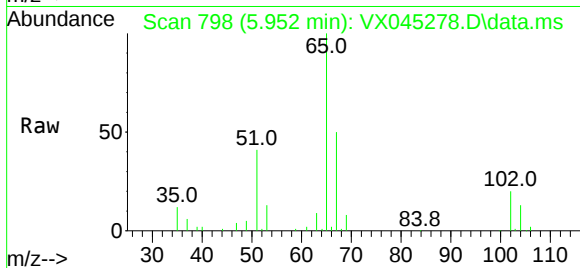
ClientSampleId :

Tgt Ion: 65 Resp: 60432

Ion Ratio Lower Upper

65 100

67 51.8 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: VX045278.D

Acq: 13 Mar 2025 18:39

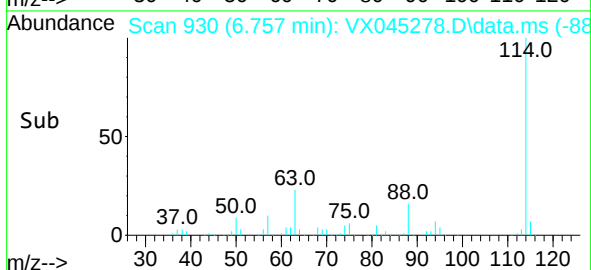
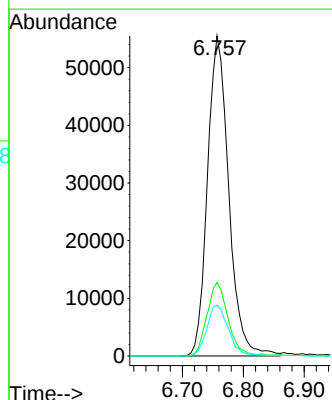
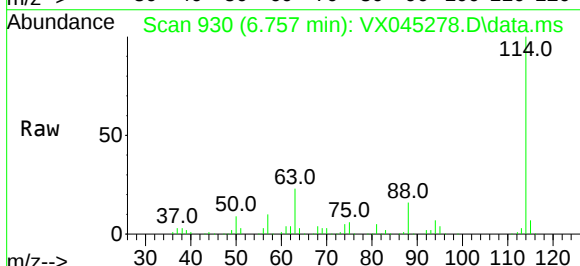
Tgt Ion: 114 Resp: 134633

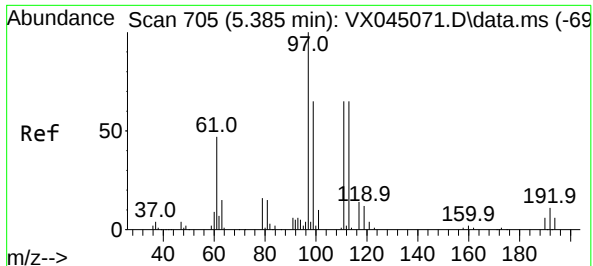
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

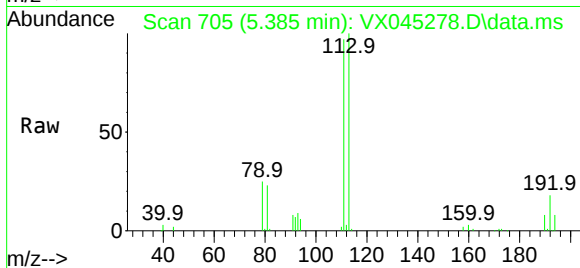
88 15.8 0.0 32.8





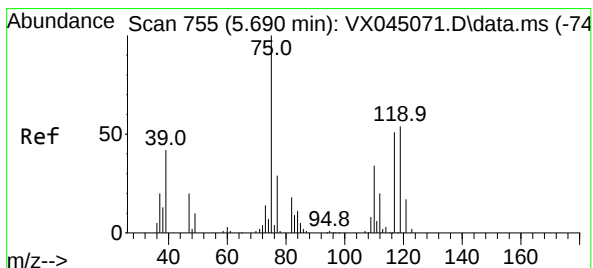
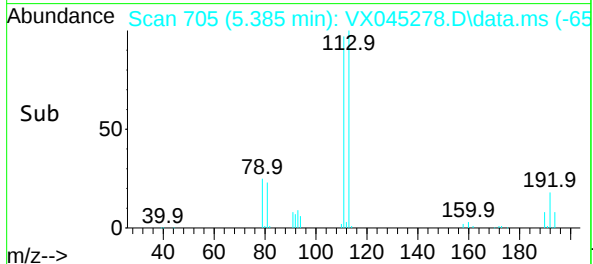
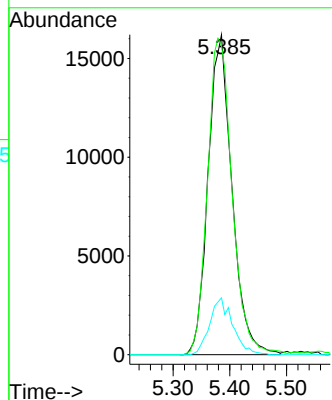
#35
Dibromofluoromethane
Concen: 52.683 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 47428

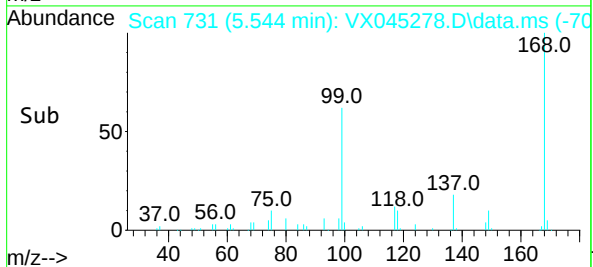
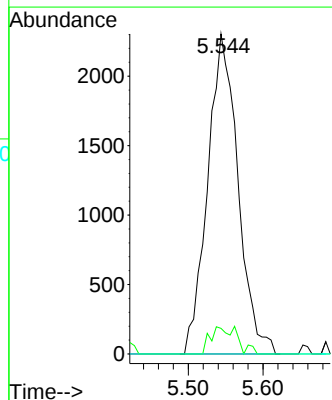
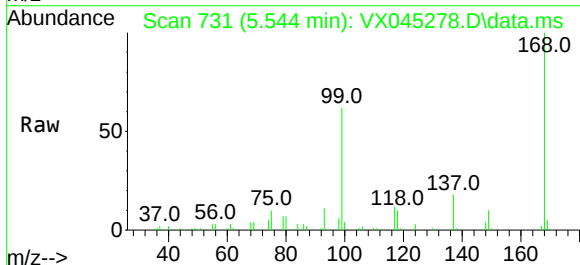
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	17.1	14.3	21.5

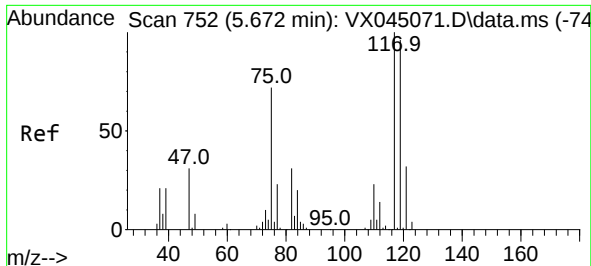


#36
1,1-Dichloropropene
Concen: 5.262 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Tgt Ion: 75 Resp: 6497

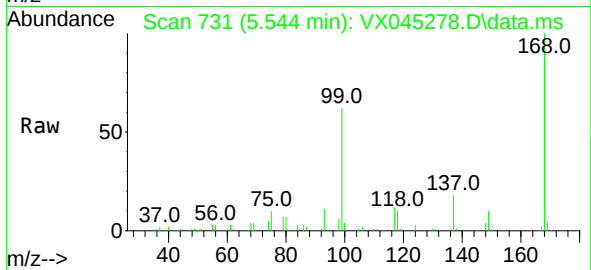
Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.9	50.6#
77	0.0	24.5	36.7#



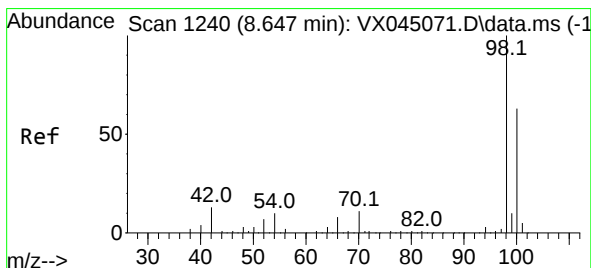
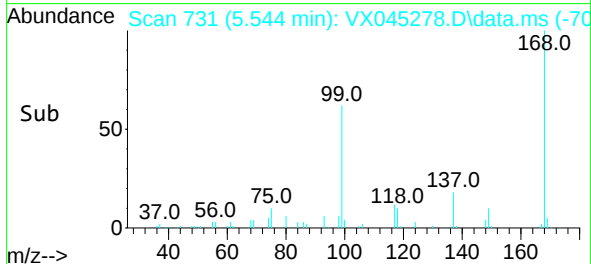
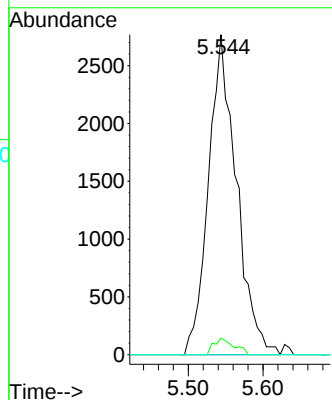


#38
Carbon Tetrachloride
Concen: 5.725 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Instrument :
MSVOA_X
ClientSampleId :

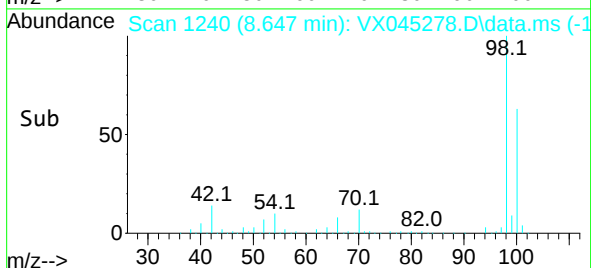
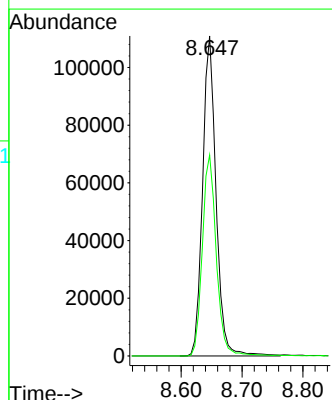
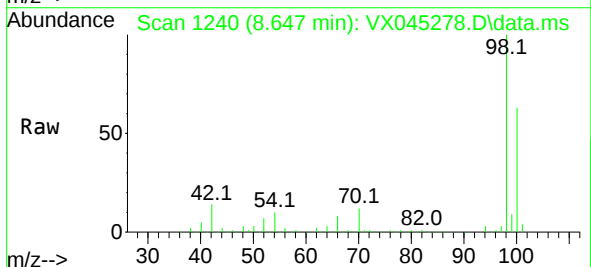


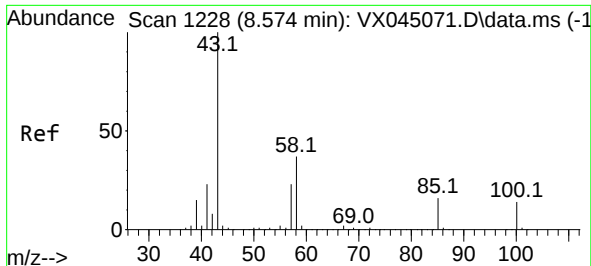
Tgt Ion:117 Resp: 7176
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 52.277 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Tgt Ion: 98 Resp: 170620
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

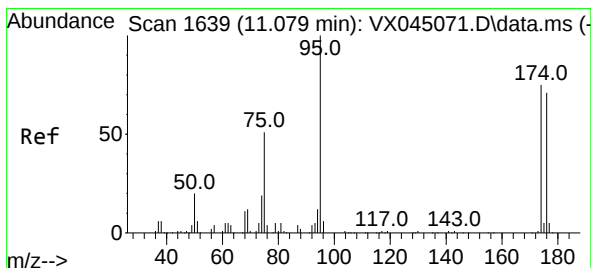
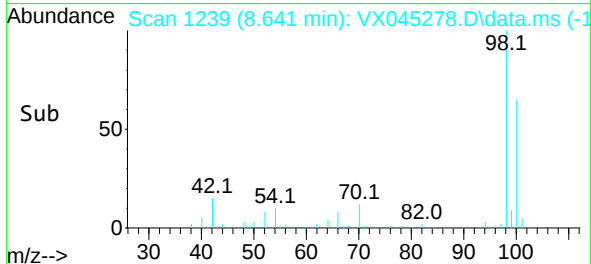
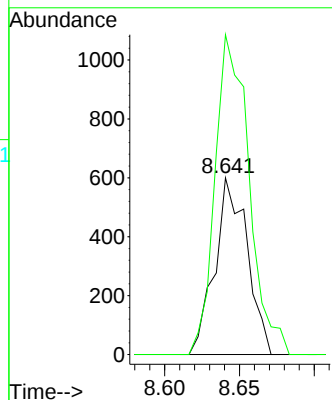
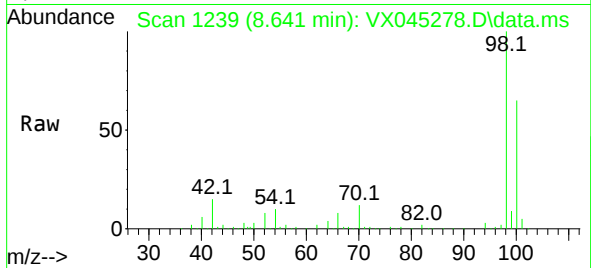




#51
4-Methyl-2-Pentanone
Concen: 0.571 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

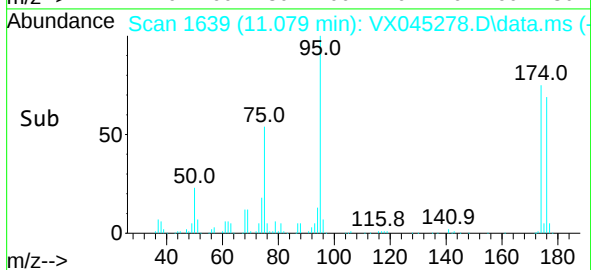
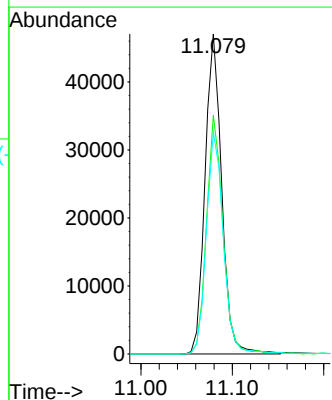
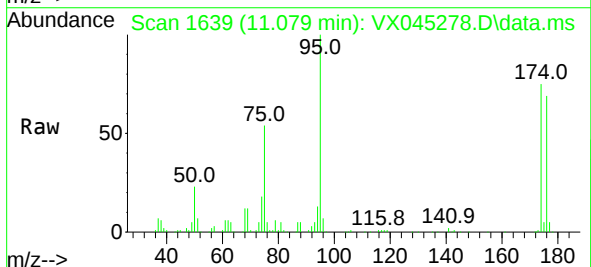
Instrument :
MSVOA_X
ClientSampleId :

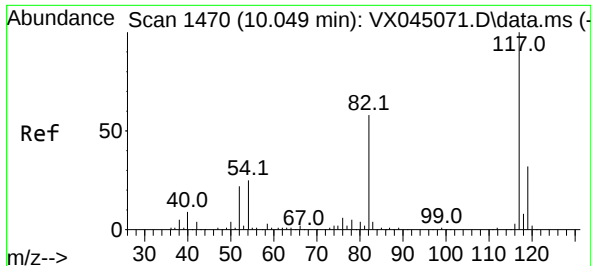
Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 190.4 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 54.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Tgt Ion: 95 Resp: 59329
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.2
176 71.0 0.0 141.4

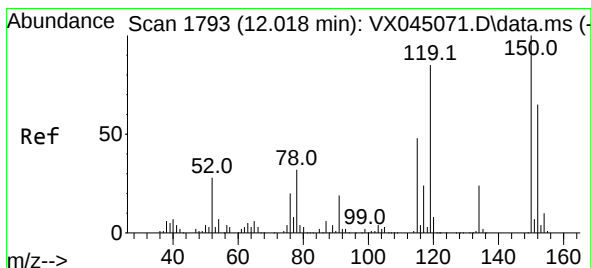
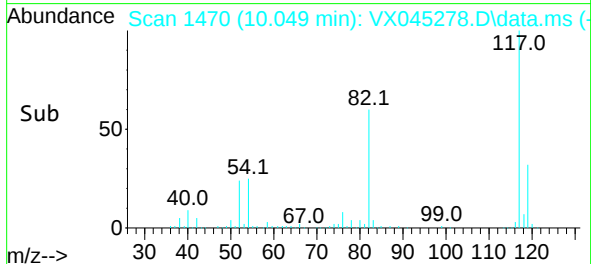
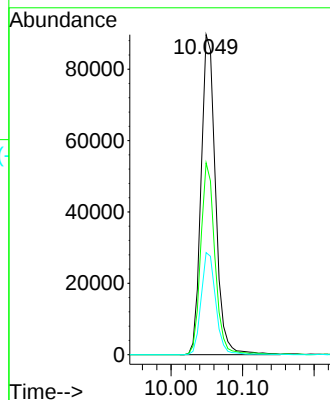
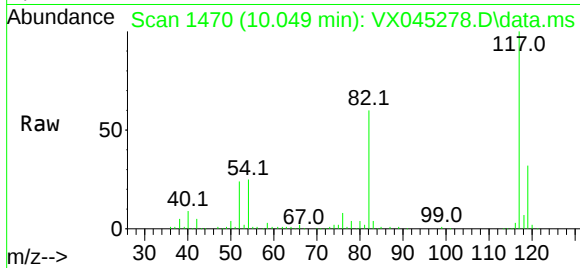




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

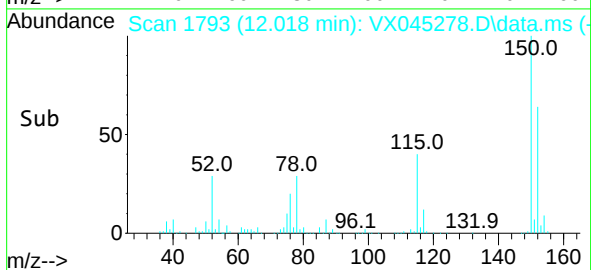
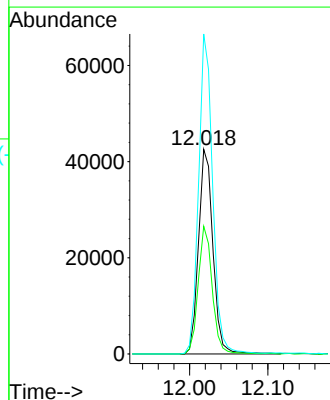
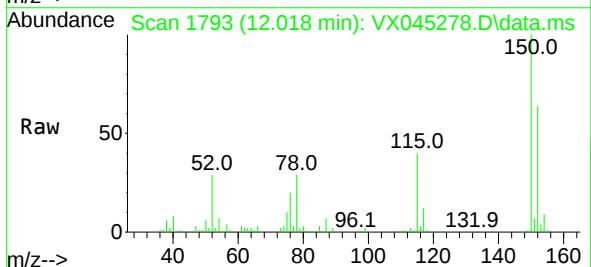
Instrument :
MSVOA_X
ClientSampleId :

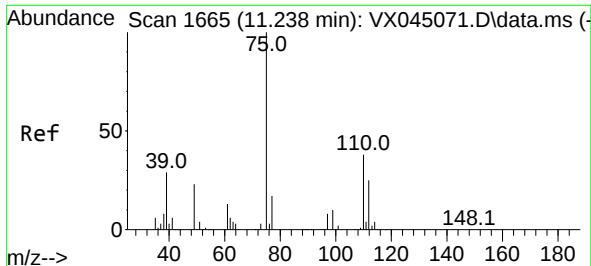
Tgt Ion:117 Resp: 125955
Ion Ratio Lower Upper
117 100
82 59.9 46.3 69.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Tgt Ion:152 Resp: 54627
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 152.4 0.0 349.0

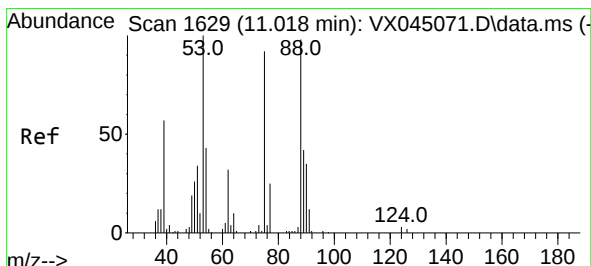
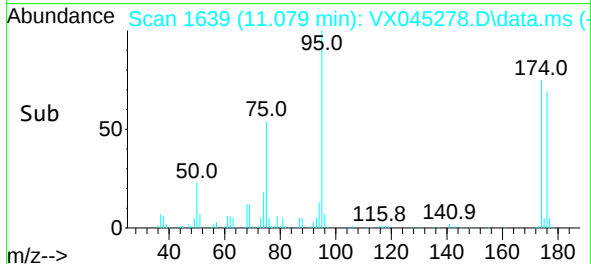
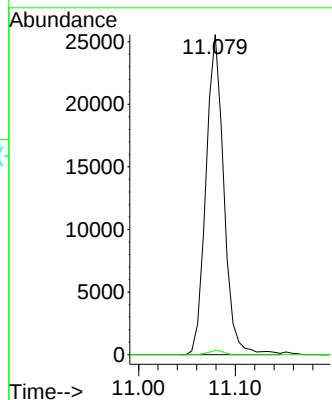
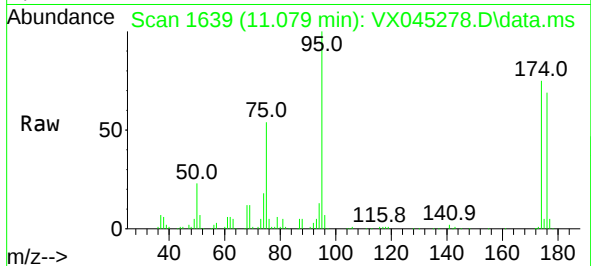




#76
1,2,3-Trichloropropane
Concen: 25.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32916
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045278.D
Acq: 13 Mar 2025 18:39

Tgt Ion: 75 Resp: 32916
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

