

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044717.D
 Acq On : 27 Jan 2025 12:38
 Operator : JC/MD
 Sample : Q1173-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 04:10:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

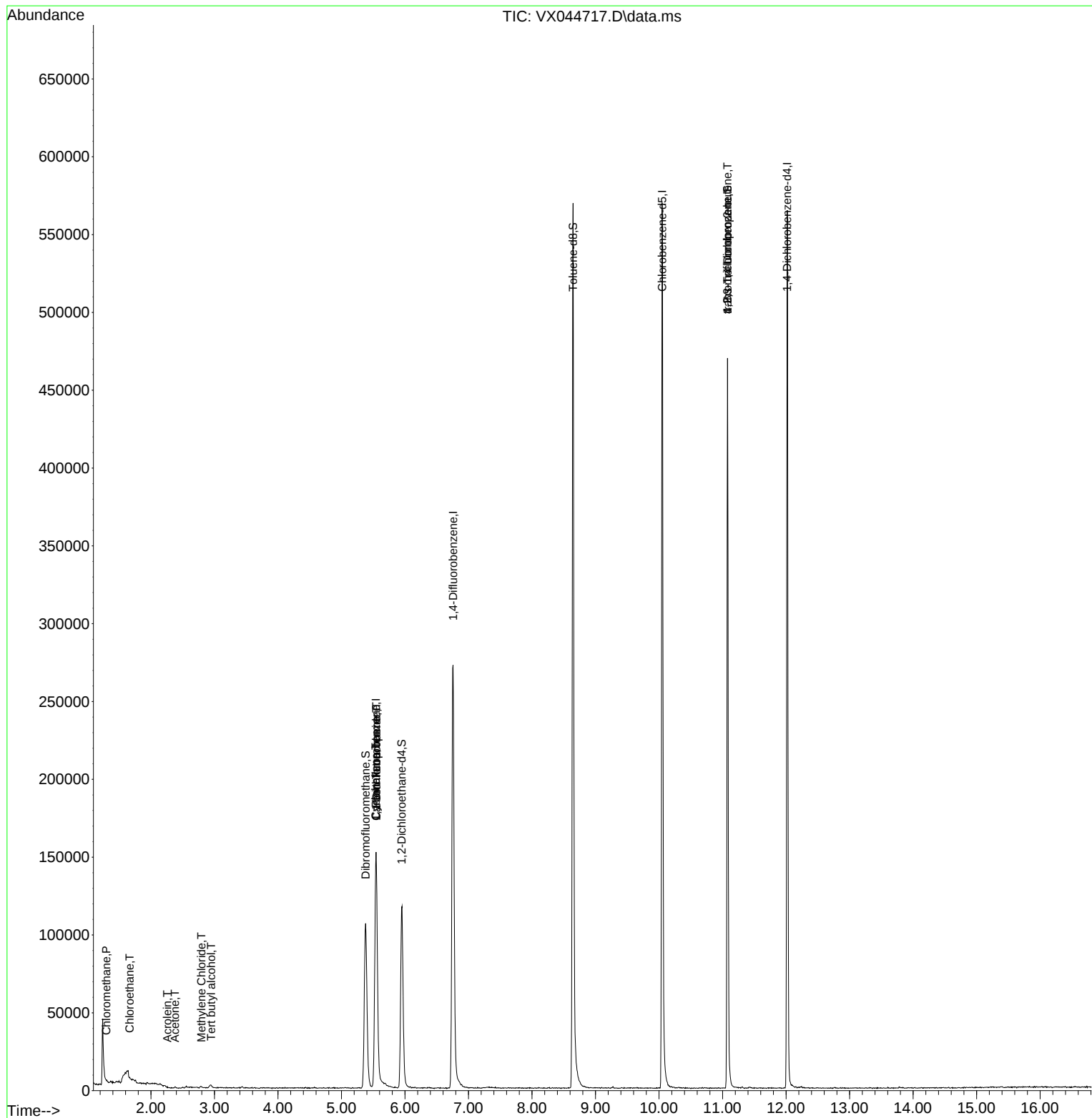
Internal Standards						
1) Pentafluorobenzene	5.544	168	154291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	301435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	272981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108974	46.792	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.580%
35) Dibromofluoromethane	5.379	113	97156	50.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.460%
50) Toluene-d8	8.647	98	368668	55.214	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.420%
62) 4-Bromofluorobenzene	11.079	95	135005	54.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	639	0.285	ug/l	93
6) Chloroethane	1.666	64	934	2.296	ug/l #	64
11) Tert butyl alcohol	2.947	59	1102	2.123	ug/l #	85
13) Acrolein	2.258	56	88	0.360	ug/l #	3
16) Acetone	2.380	43	851	0.924	ug/l #	77
20) Methylene Chloride	2.794	84	541	0.252	ug/l #	65
31) Cyclohexane	5.538	56	3376	1.151	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12703	4.765	ug/l #	49
38) Carbon Tetrachloride	5.550	117	15404	5.137	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	66051	23.532	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	66051	53.815	ug/l #	12

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

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QLast Update : Thu Jan 16 01:16:09 2025
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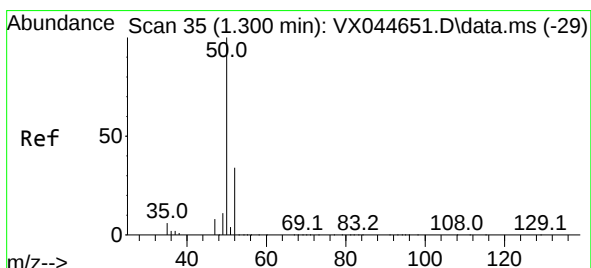
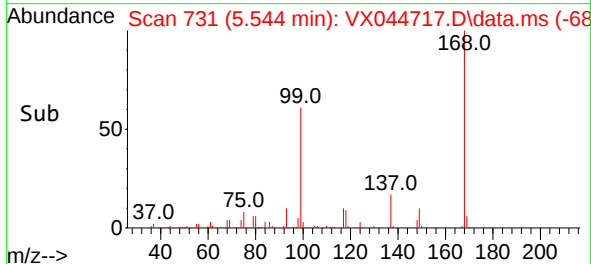
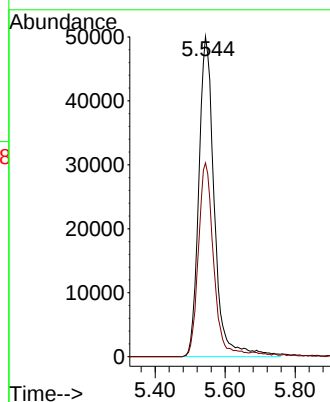
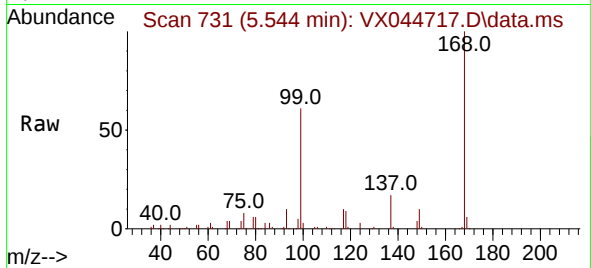




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

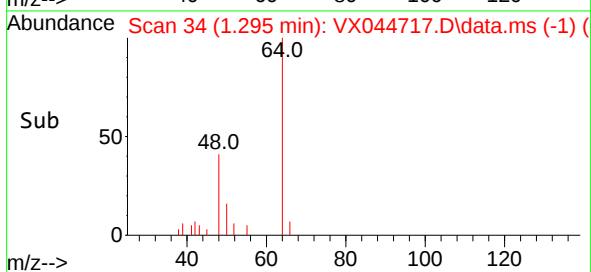
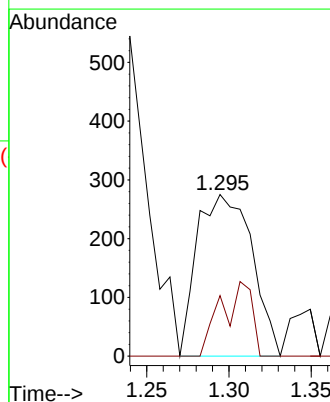
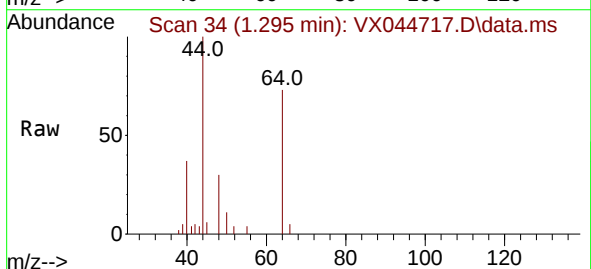
Instrument :
MSVOA_X
ClientSampleId :

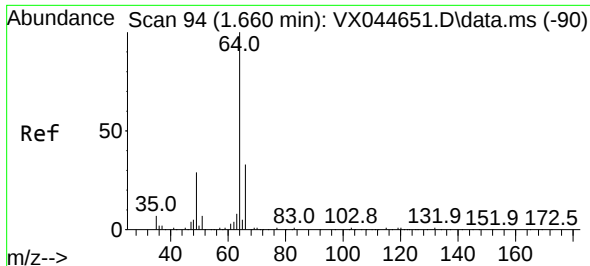
Tgt Ion:168 Resp: 154291
Ion Ratio Lower Upper
168 100
99 60.6 51.1 76.7



#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

Tgt Ion: 50 Resp: 639
Ion Ratio Lower Upper
50 100
52 37.5 27.0 40.4

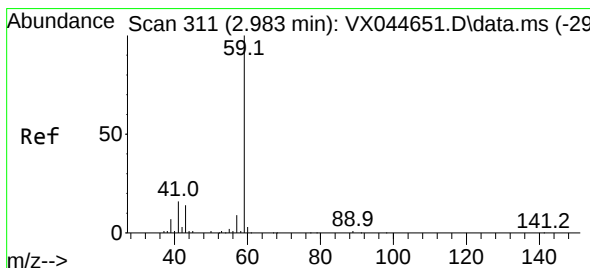
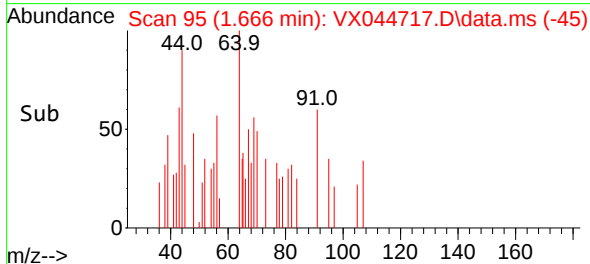
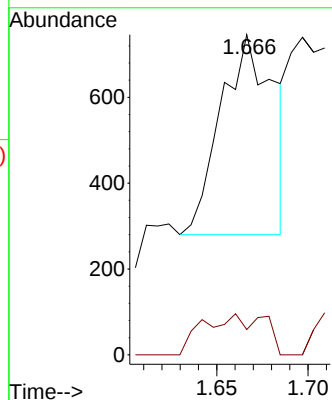
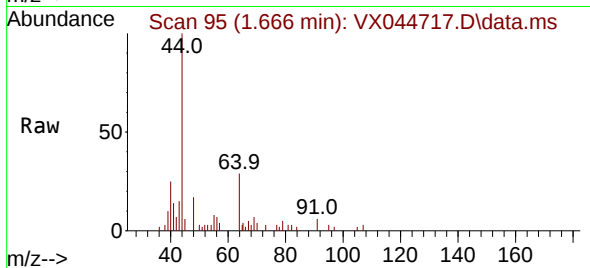




#6
Chloroethane
Concen: 2.296 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

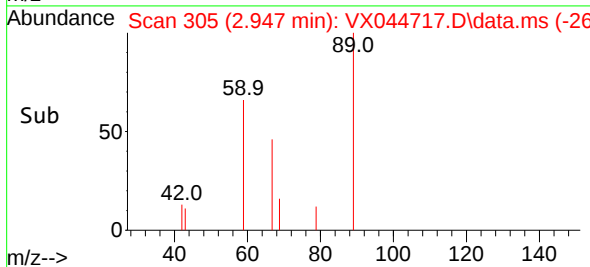
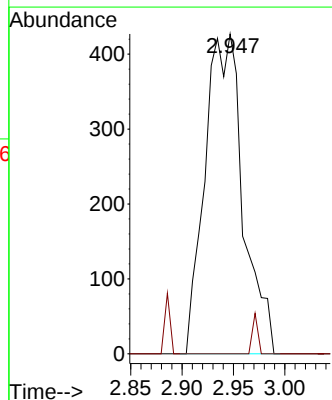
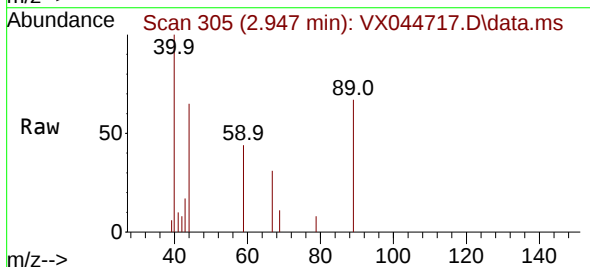
Instrument :
MSVOA_X
ClientSampleId :

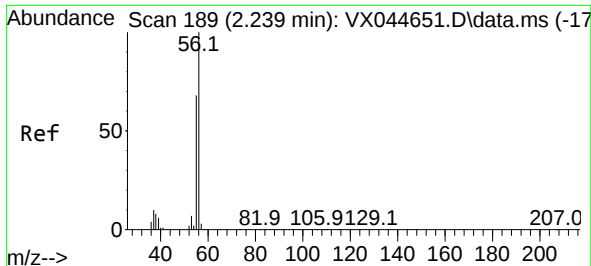
Tgt Ion: 64 Resp: 934
Ion Ratio Lower Upper
64 100
66 12.7 26.6 39.8#



#11
Tert butyl alcohol
Concen: 2.123 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

Tgt Ion: 59 Resp: 1102
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#

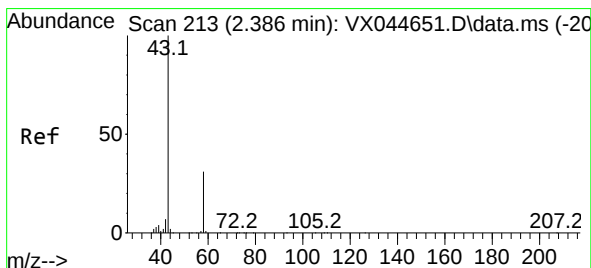
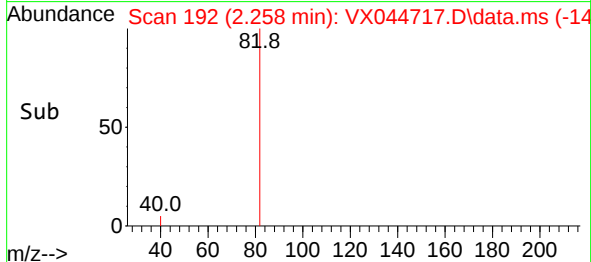
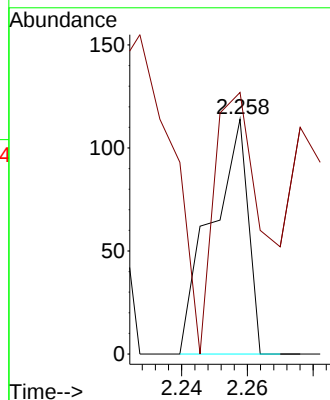
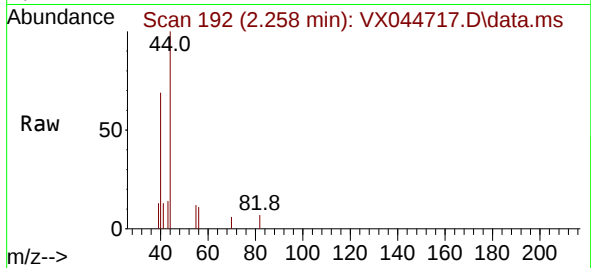




#13
Acrolein
Concen: 0.360 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.018 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

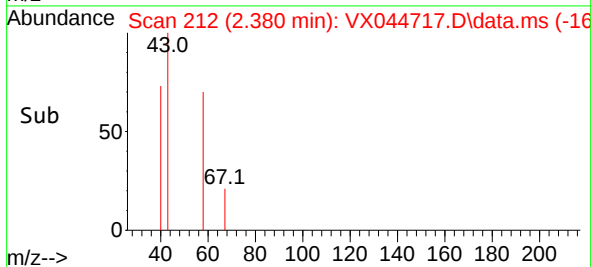
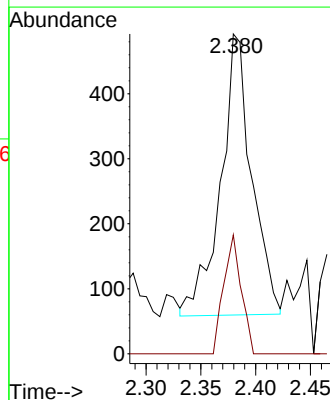
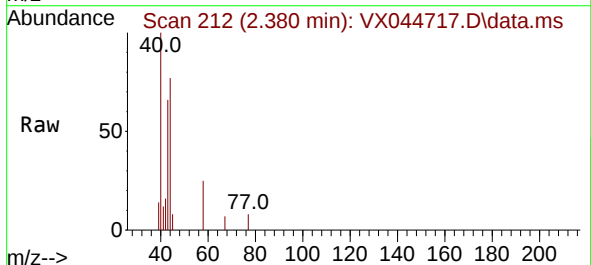
Instrument :
MSVOA_X
ClientSampleId :

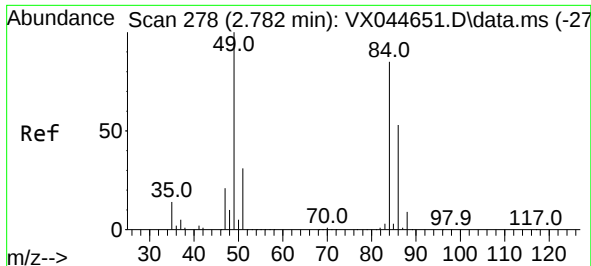
Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 147.7 55.1 82.7#



#16
Acetone
Concen: 0.924 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

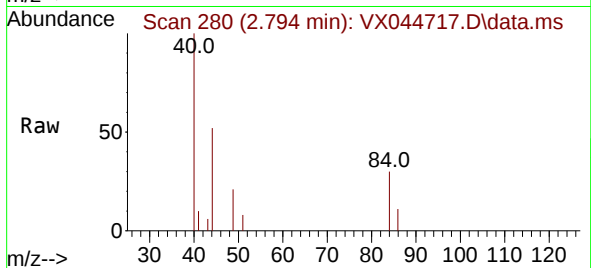
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 43.3 24.6 37.0#



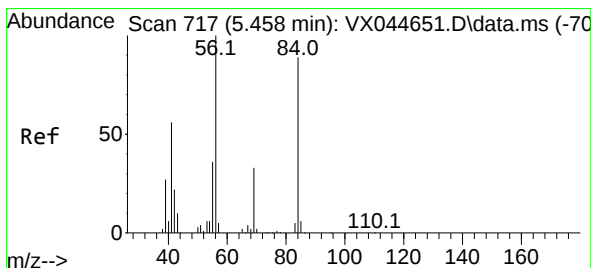
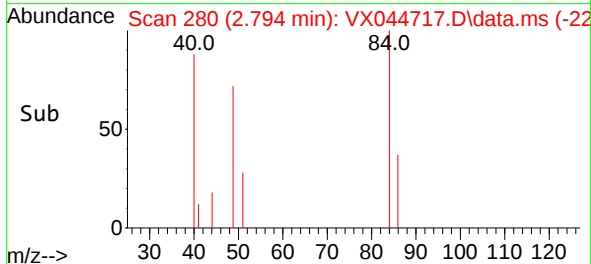
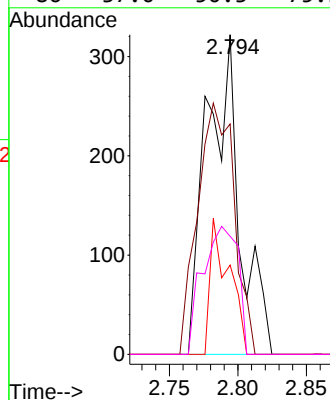


#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

Instrument :
MSVOA_X
ClientSampleId :

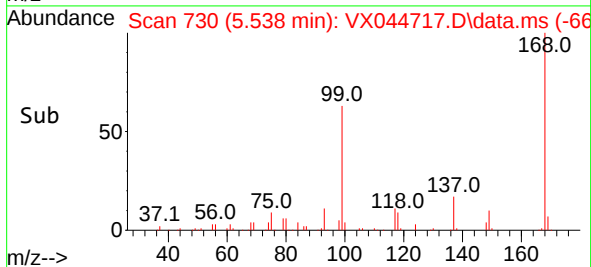
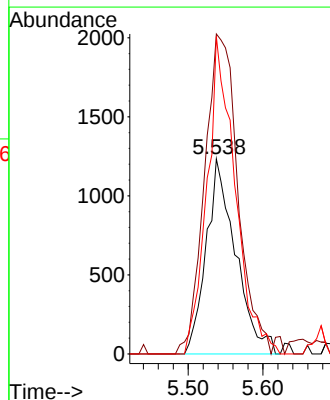
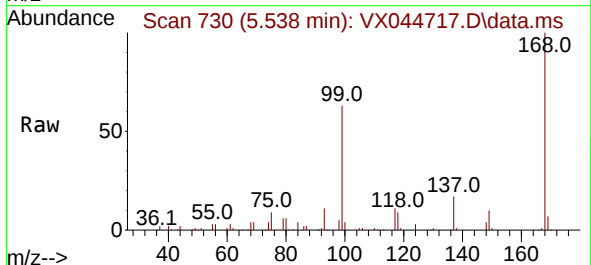


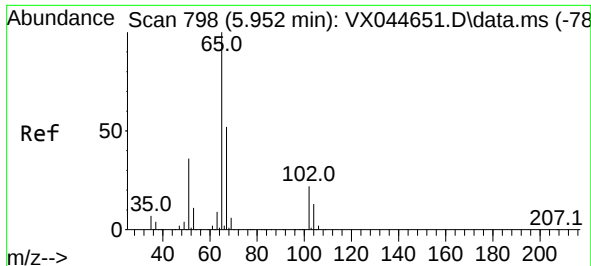
Tgt Ion:	84	Resp:	541
Ion	Ratio	Lower	Upper
84	100		
49	72.0	94.2	141.4#
51	28.0	28.8	43.2#
86	37.0	50.3	75.5#



#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

Tgt Ion:	56	Resp:	3376
Ion	Ratio	Lower	Upper
56	100		
69	159.3	26.8	40.2#
84	162.7	71.0	106.4#





#33

1,2-Dichloroethane-d4

Concen: 46.792 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044717.D

Acq: 27 Jan 2025 12:38

Instrument :

MSVOA_X

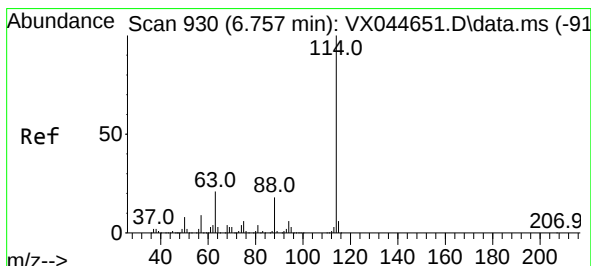
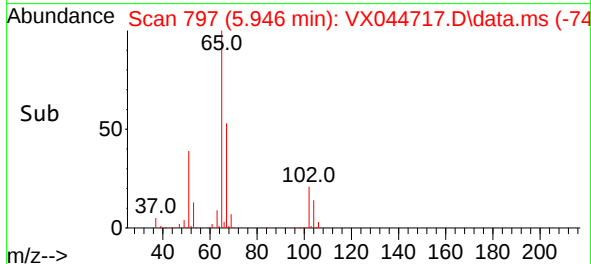
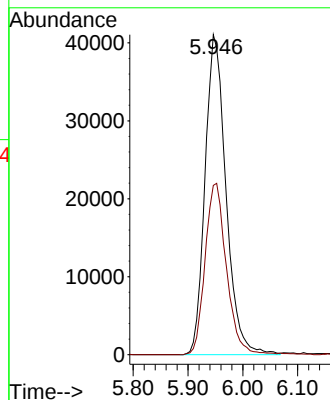
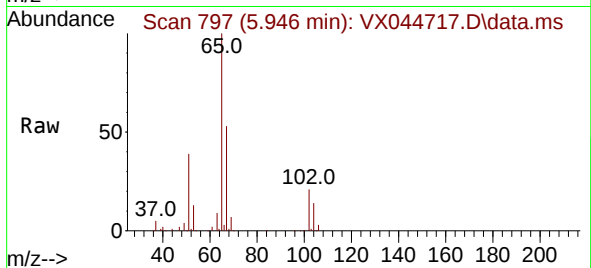
ClientSampleId :

Tgt Ion: 65 Resp: 108974

Ion Ratio Lower Upper

65 100

67 54.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044717.D

Acq: 27 Jan 2025 12:38

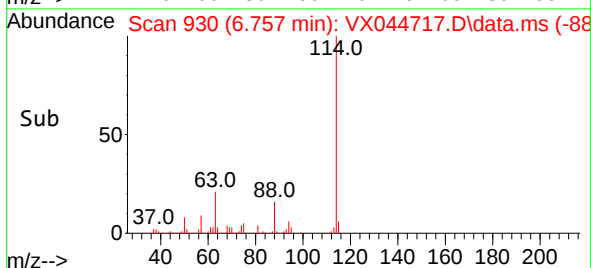
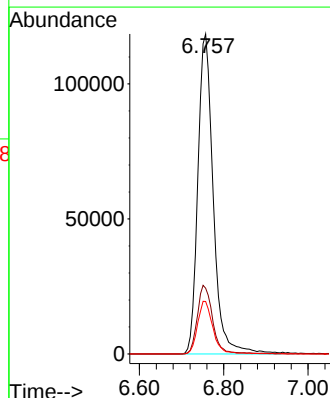
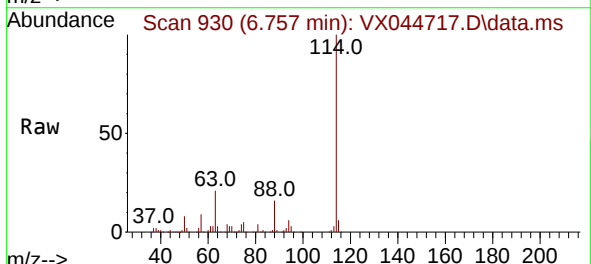
Tgt Ion: 114 Resp: 301435

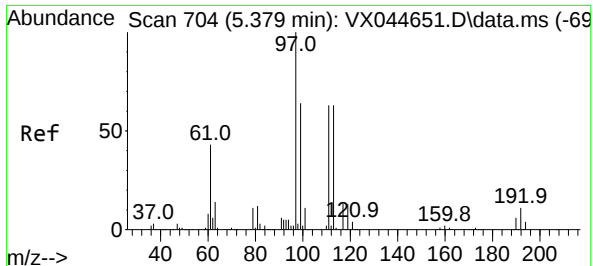
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.0

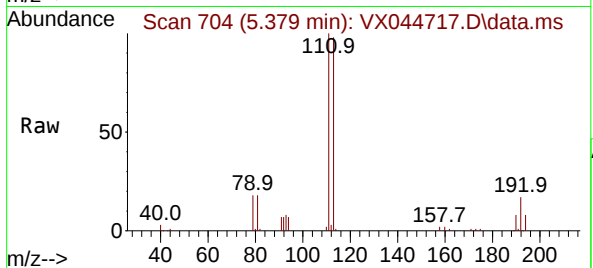
88 16.4 0.0 35.4



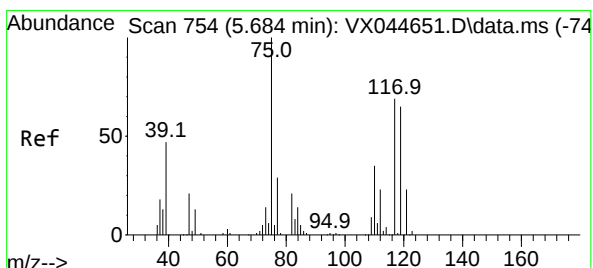
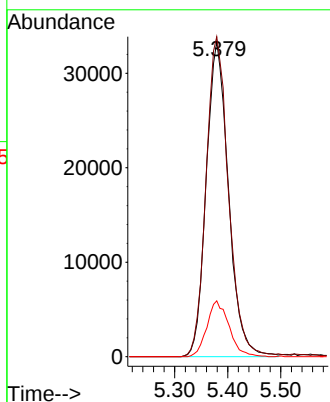
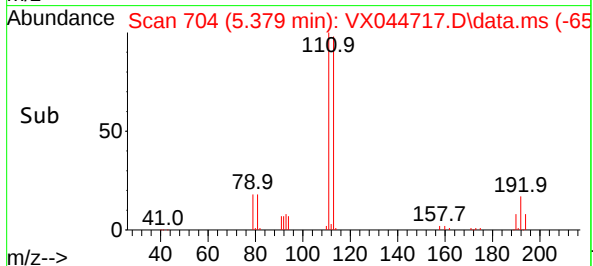


#35
Dibromofluoromethane
Concen: 50.735 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

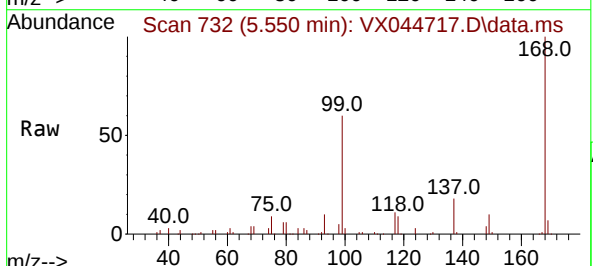
Instrument :
MSVOA_X
ClientSampleId :



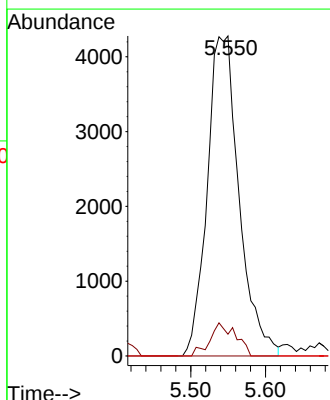
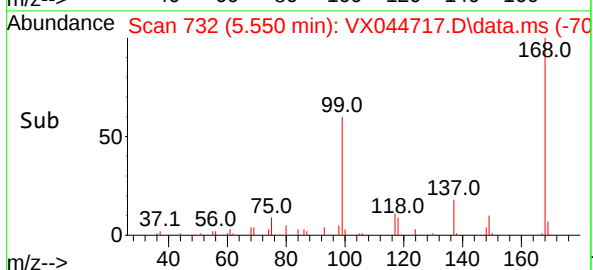
Tgt Ion:113 Resp: 97156
Ion Ratio Lower Upper
113 100
111 102.8 81.6 122.4
192 17.6 14.4 21.6

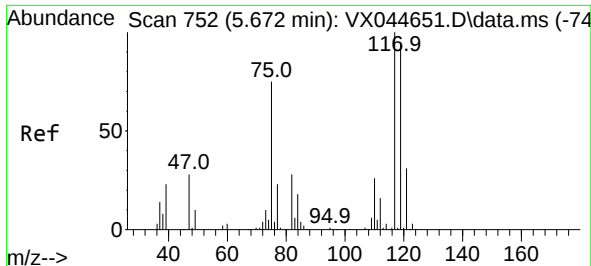


#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38



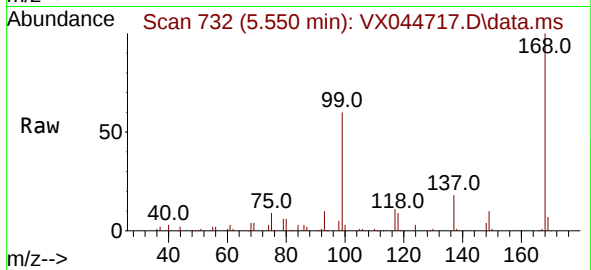
Tgt Ion: 75 Resp: 12703
Ion Ratio Lower Upper
75 100
110 8.4 17.9 53.8#
77 0.0 24.5 36.7#



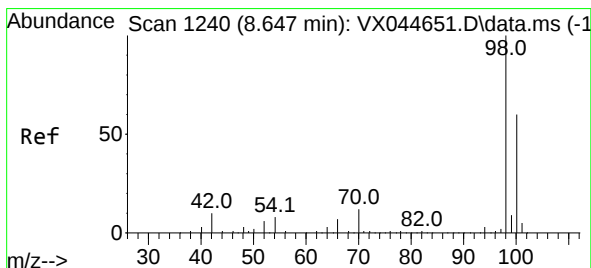
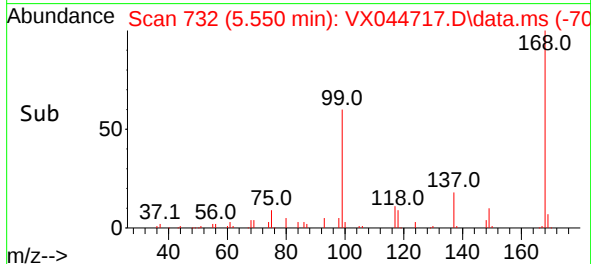
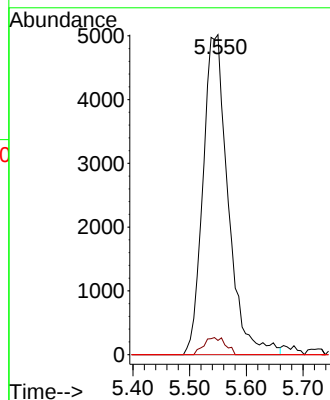


#38
Carbon Tetrachloride
Concen: 5.137 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

Instrument :
MSVOA_X
ClientSampleId :

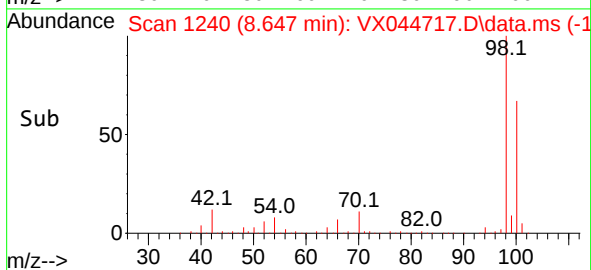
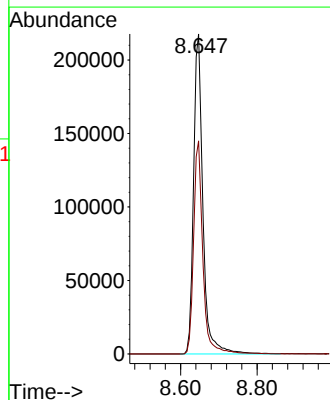
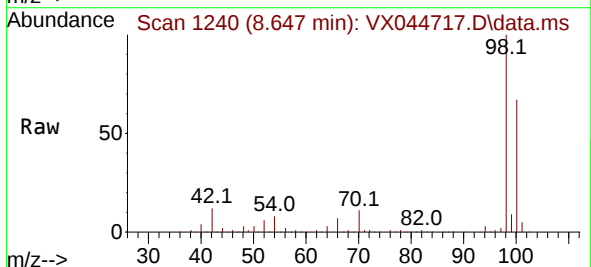


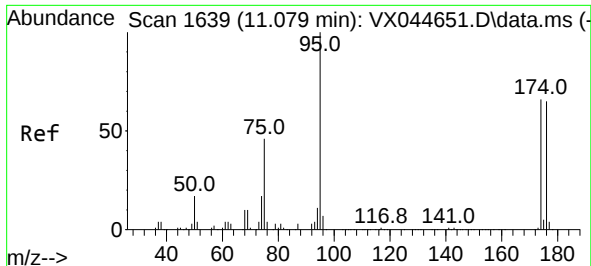
Tgt Ion:117 Resp: 15404
Ion Ratio Lower Upper
117 100
119 4.4 76.0 114.0#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 55.214 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

Tgt Ion: 98 Resp: 368668
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8

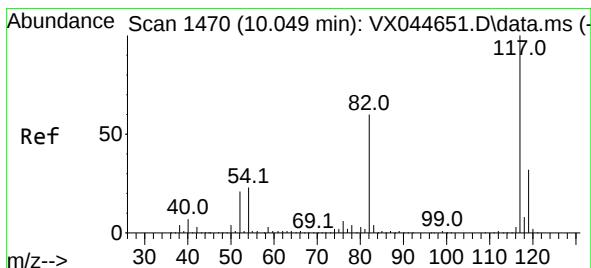
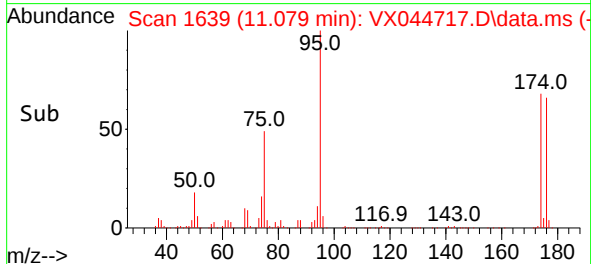
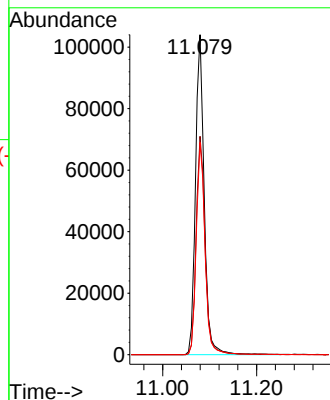
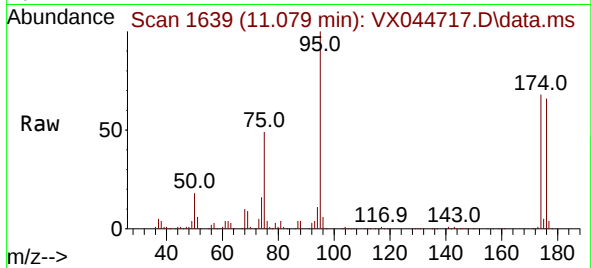




#62
4-Bromofluorobenzene
Concen: 54.237 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

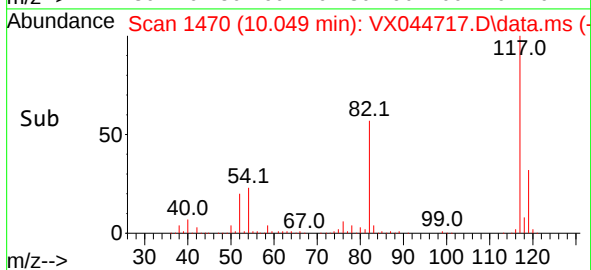
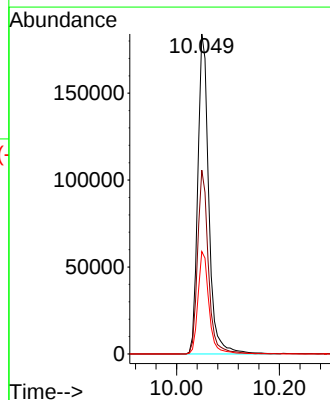
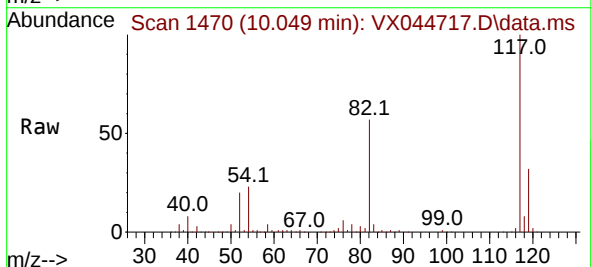
Instrument :
MSVOA_X
ClientSampleId :

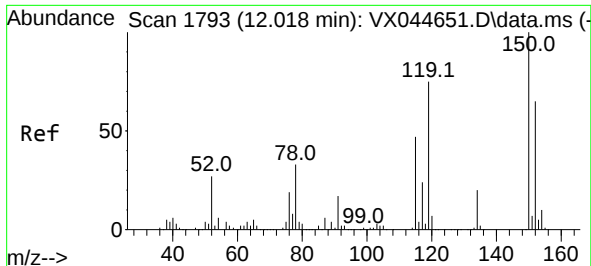
Tgt Ion: 95 Resp: 135005
Ion Ratio Lower Upper
95 100
174 70.1 0.0 133.0
176 66.8 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

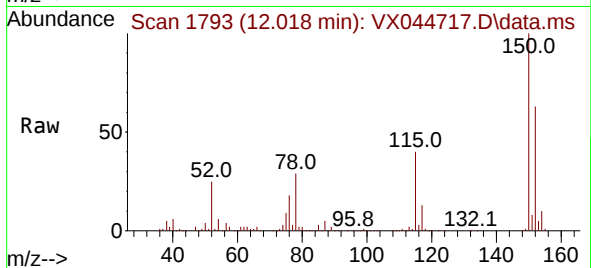
Tgt Ion: 117 Resp: 272981
Ion Ratio Lower Upper
117 100
82 57.5 47.6 71.4
119 32.0 25.4 38.2



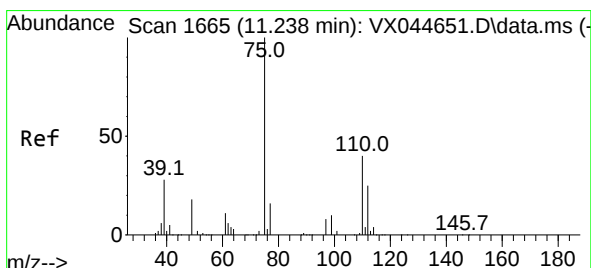
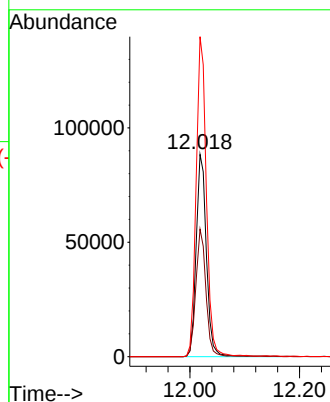
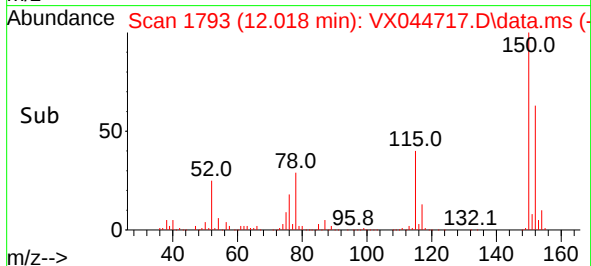


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044717.D
 Acq: 27 Jan 2025 12:38

Instrument :
 MSVOA_X
 ClientSampleId :

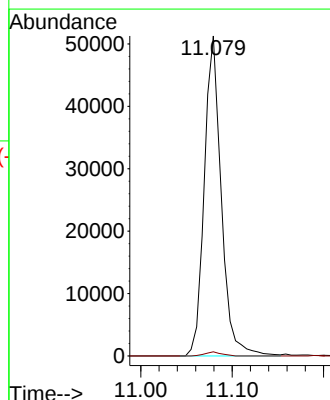
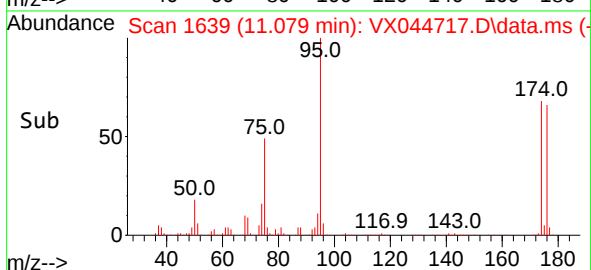
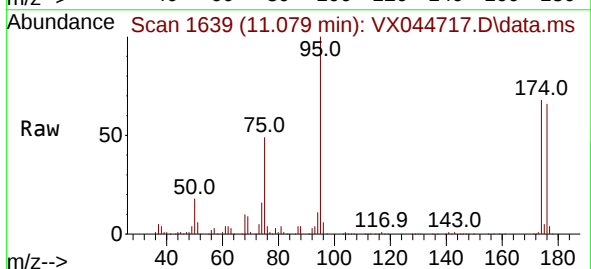


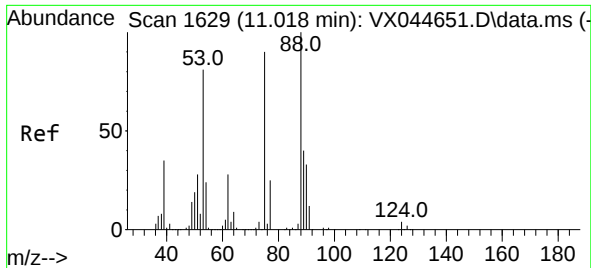
Tgt Ion:152 Resp: 115657
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.8 131.4
 150 157.0 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 23.532 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044717.D
 Acq: 27 Jan 2025 12:38

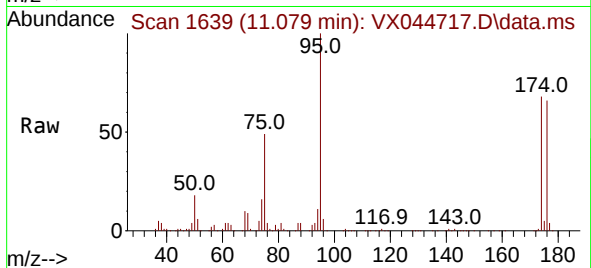
Tgt Ion: 75 Resp: 66051
 Ion Ratio Lower Upper
 75 100
 77 1.2 23.4 70.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.815 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044717.D
 Acq: 27 Jan 2025 12:38

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 66051
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.3 111.5#
 89 0.0 37.4 56.0#

