

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044713.D
 Acq On : 27 Jan 2025 11:01
 Operator : JC/MD
 Sample : VX0127WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 04:08:04 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)

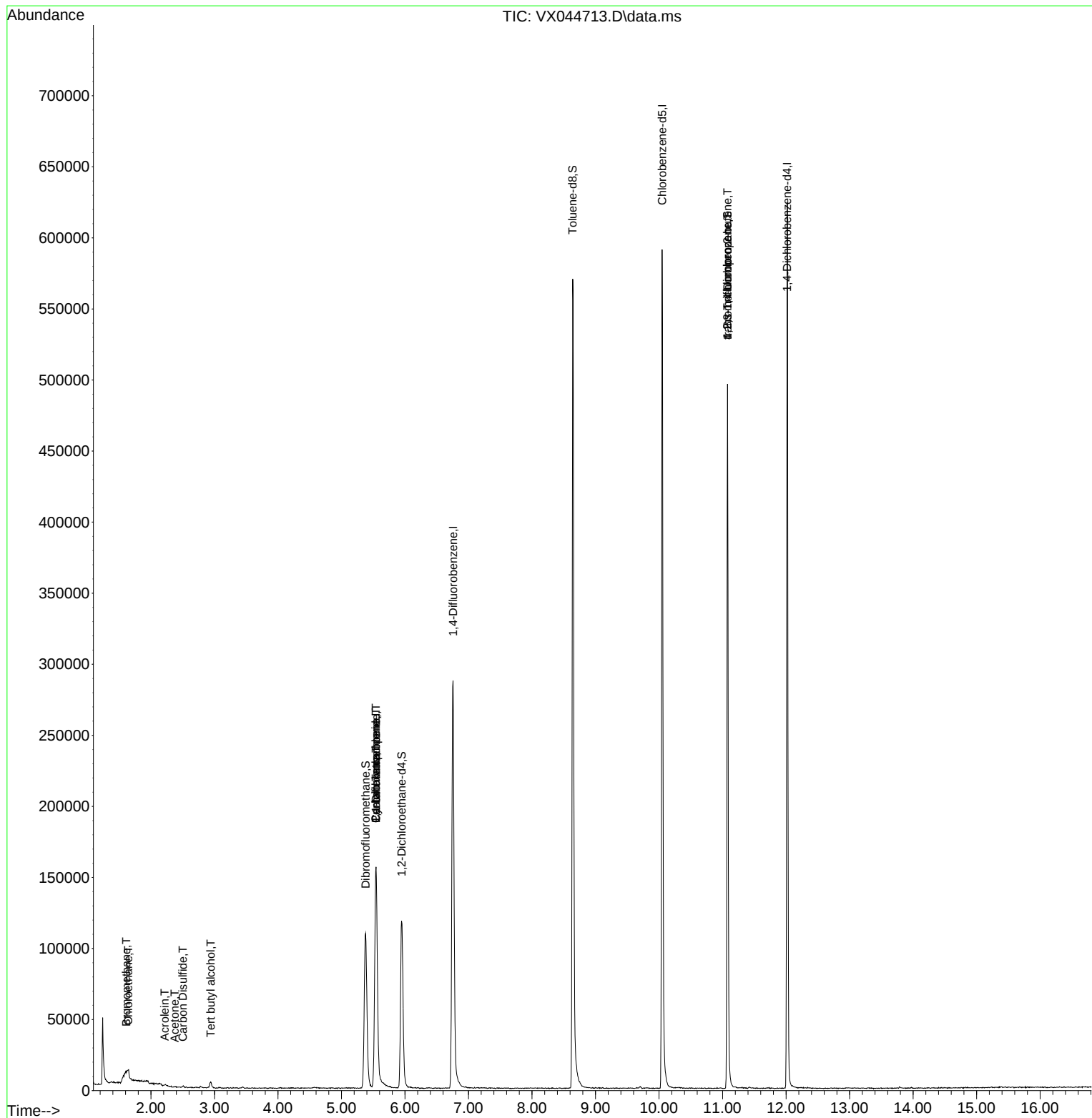
Internal Standards						
1) Pentafluorobenzene	5.544	168	158308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	315173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	280517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	124517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113965	47.693	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.380%
35) Dibromofluoromethane	5.379	113	101022	50.454	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.900%
50) Toluene-d8	8.641	98	381089	54.586	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.180%
62) 4-Bromofluorobenzene	11.079	95	146098	56.135	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	219	0.403	ug/l #	4
6) Chloroethane	1.642	64	95	0.228	ug/l #	41
11) Tert butyl alcohol	2.941	59	2234	4.194	ug/l	98
13) Acrolein	2.215	56	314	1.253	ug/l #	77
16) Acetone	2.374	43	1070	1.132	ug/l #	68
17) Carbon Disulfide	2.502	76	1233	0.244	ug/l #	75
31) Cyclohexane	5.544	56	3998	1.329	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12972	4.654	ug/l #	49
38) Carbon Tetrachloride	5.544	117	16312	5.203	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	72416	23.964	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	72416	54.803	ug/l #	12

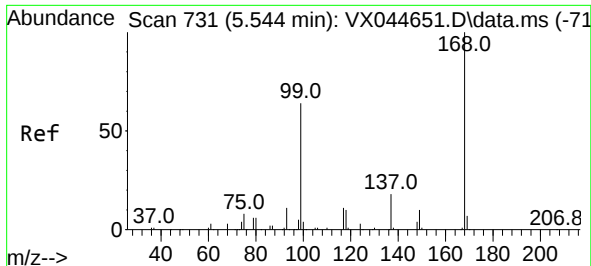
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

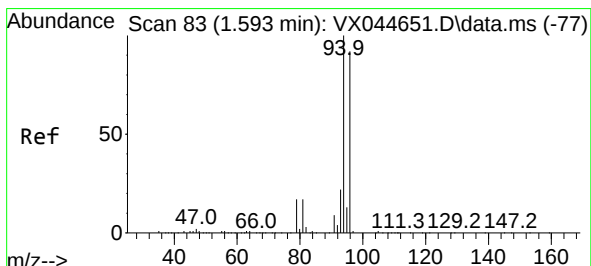
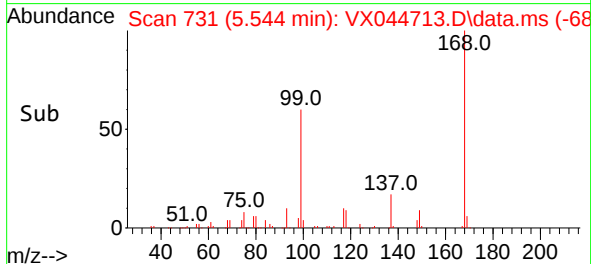
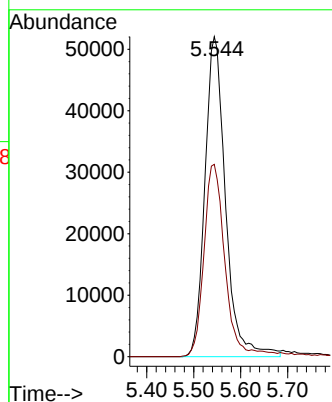
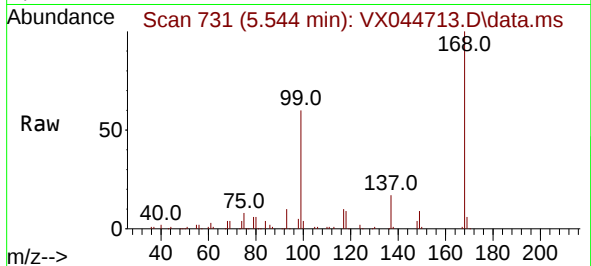




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

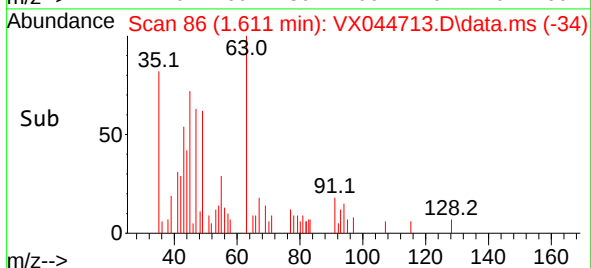
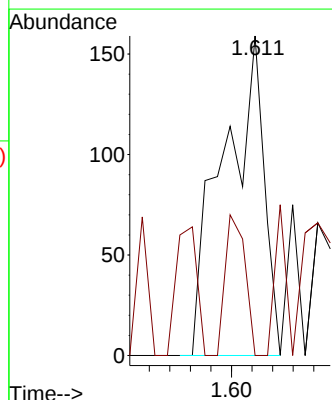
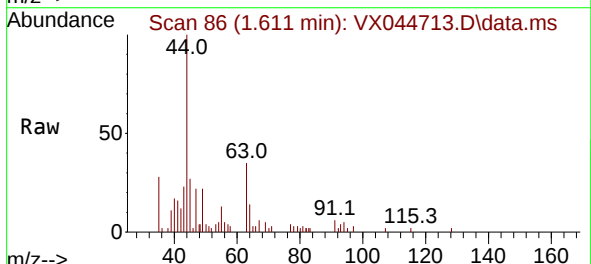
Instrument :
MSVOA_X
ClientSampleId :

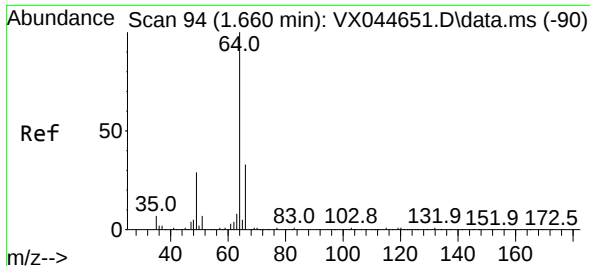
Tgt Ion:168 Resp: 158308
Ion Ratio Lower Upper
168 100
99 60.1 51.1 76.7



#5
Bromomethane
Concen: 0.403 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#

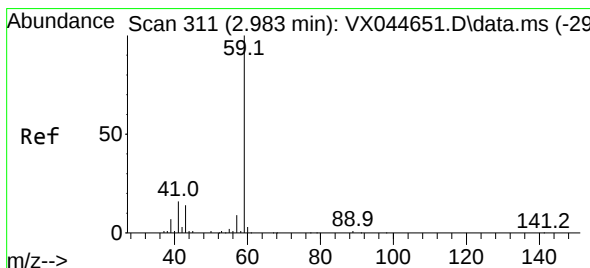
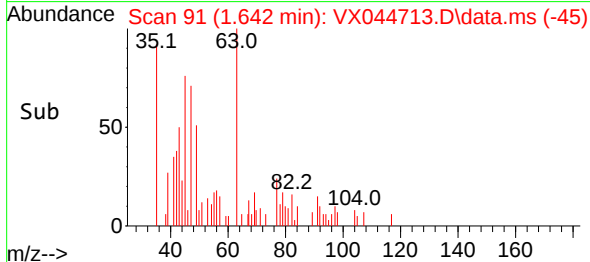
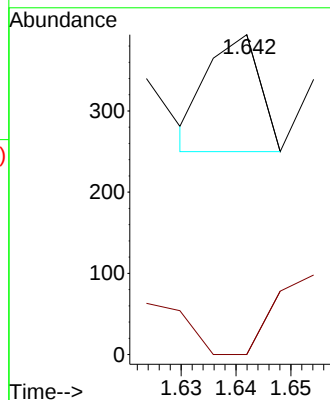
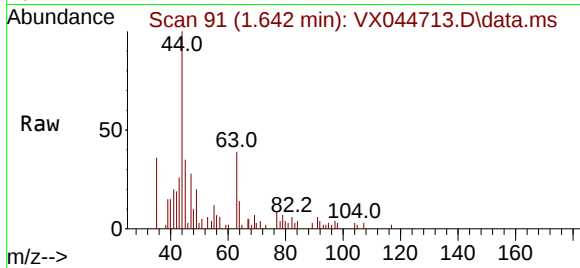




#6
Chloroethane
Concen: 0.228 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

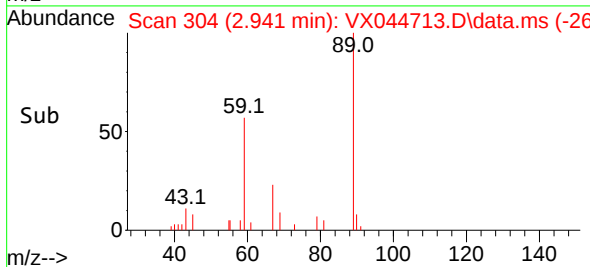
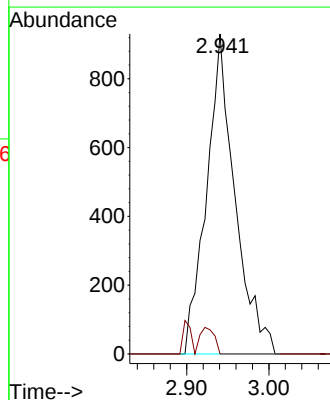
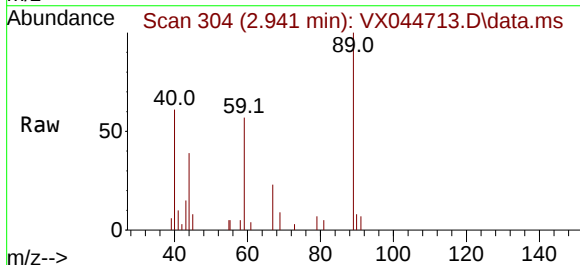
Instrument :
MSVOA_X
ClientSampleId :

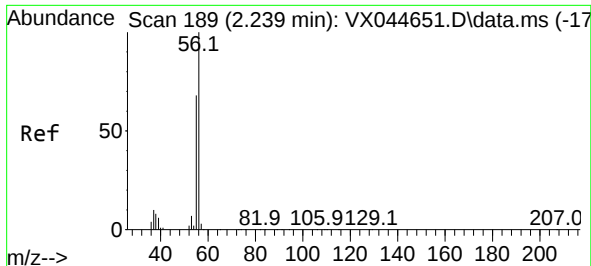
Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 4.194 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

Tgt Ion: 59 Resp: 2234
Ion Ratio Lower Upper
59 100
57 4.2 3.9 5.9

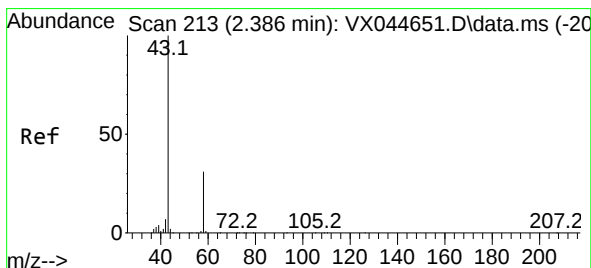
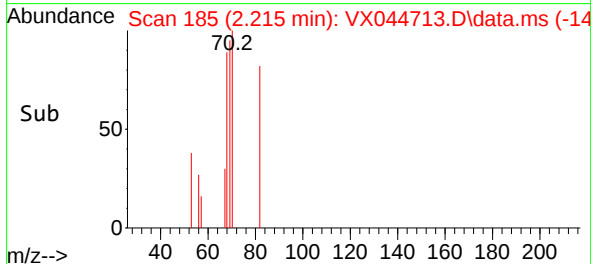
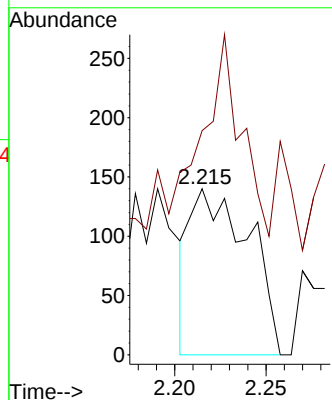
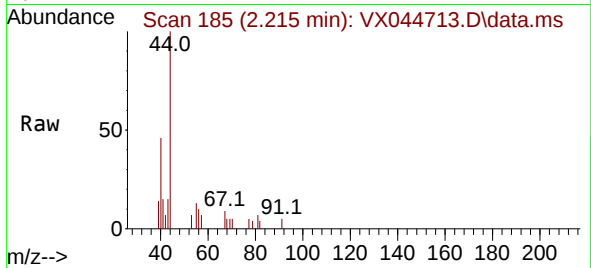




#13
Acrolein
Concen: 1.253 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

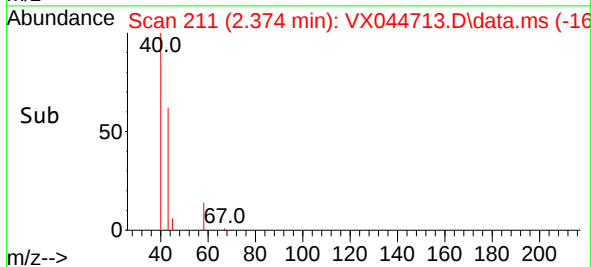
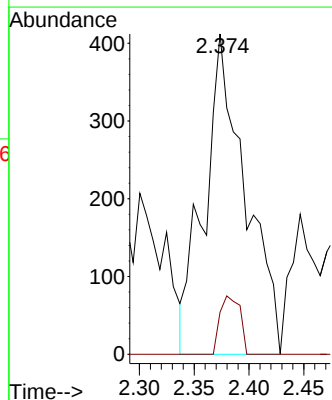
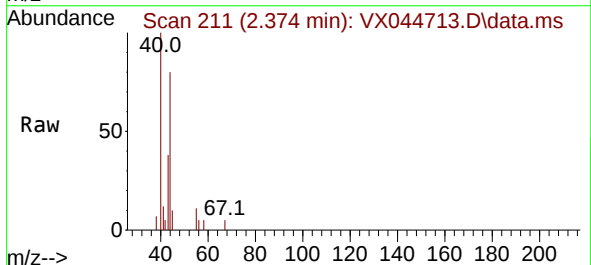
Instrument :
MSVOA_X
ClientSampleId :

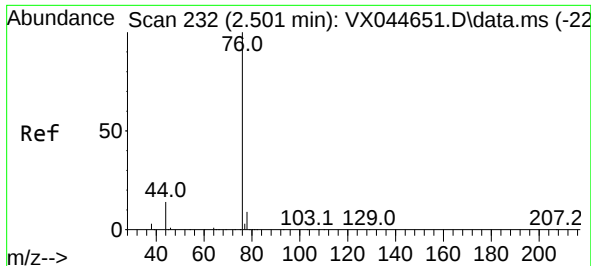
Tgt Ion: 56 Resp: 314
Ion Ratio Lower Upper
56 100
55 87.6 55.1 82.7#



#16
Acetone
Concen: 1.132 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

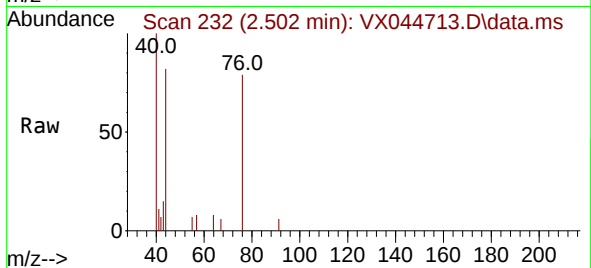
Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
58 13.1 24.6 37.0#



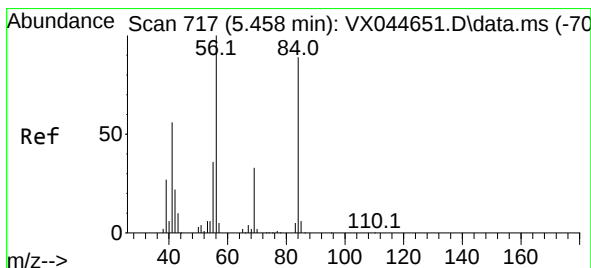
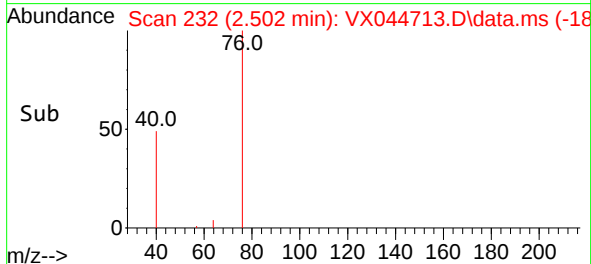
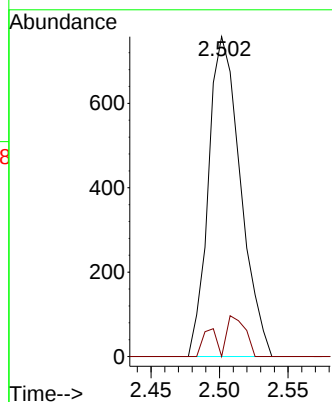


#17
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :

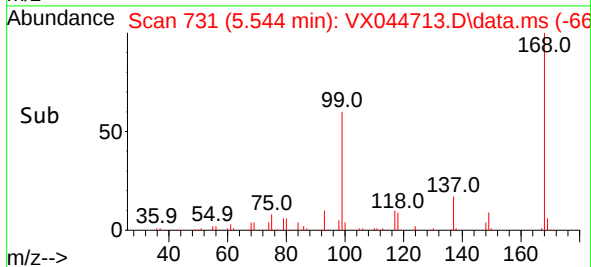
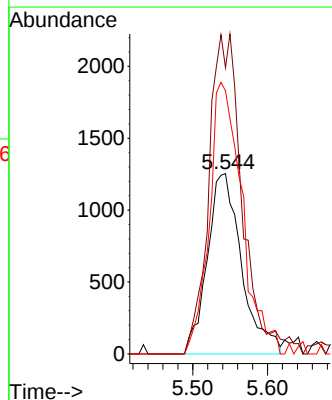
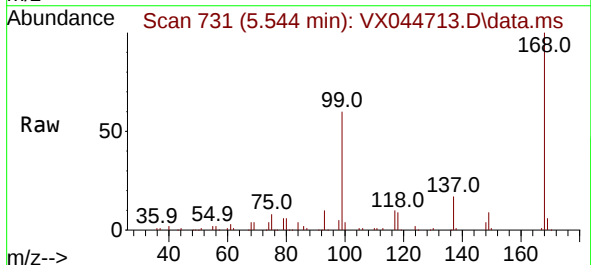


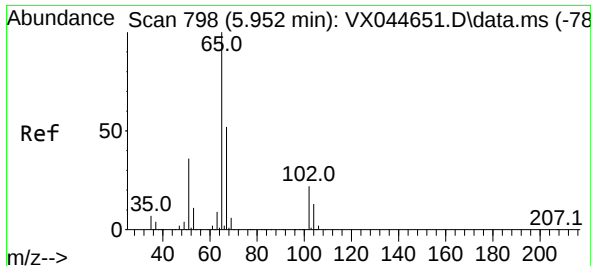
Tgt Ion: 76 Resp: 1233
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#31
Cyclohexane
Concen: 1.329 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

Tgt Ion: 56 Resp: 3998
Ion Ratio Lower Upper
56 100
69 158.7 26.8 40.2#
84 145.9 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 47.693 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044713.D

Acq: 27 Jan 2025 11:01

Instrument :

MSVOA_X

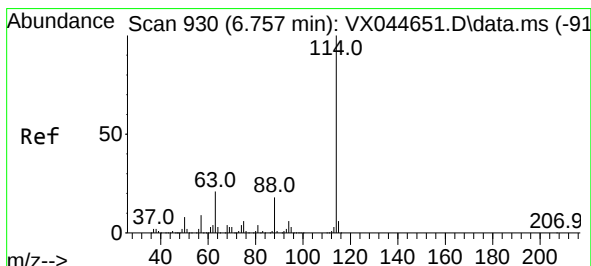
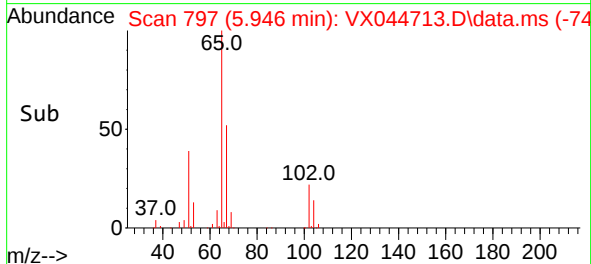
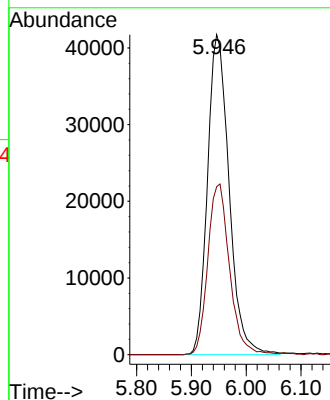
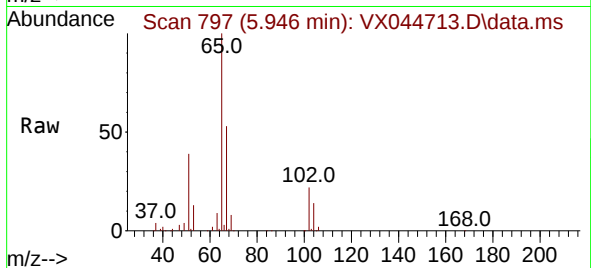
ClientSampleId :

Tgt Ion: 65 Resp: 113965

Ion Ratio Lower Upper

65 100

67 53.6 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: VX044713.D

Acq: 27 Jan 2025 11:01

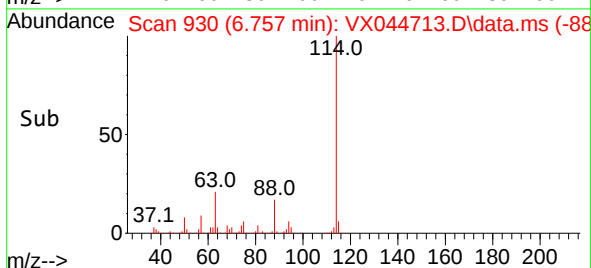
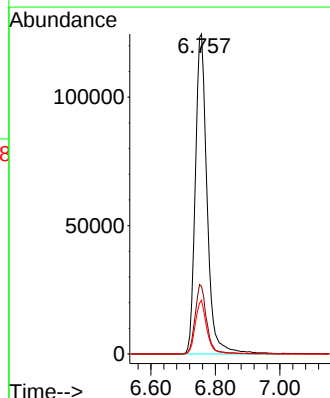
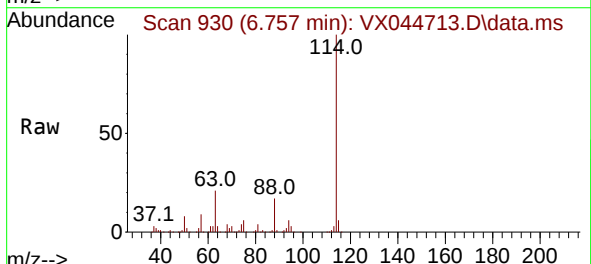
Tgt Ion: 114 Resp: 315173

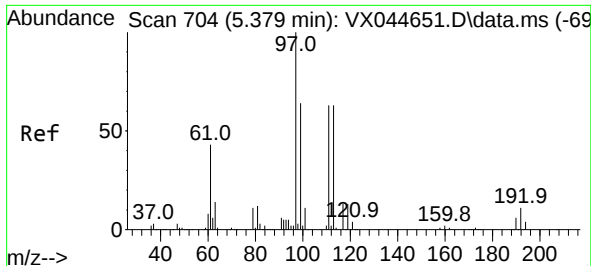
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 16.8 0.0 35.4

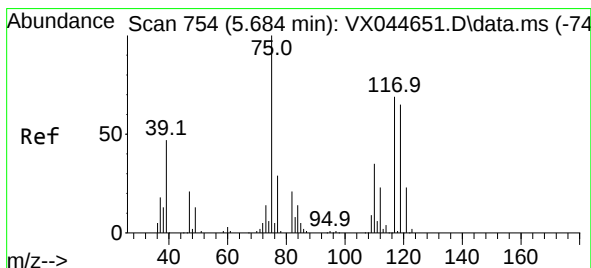
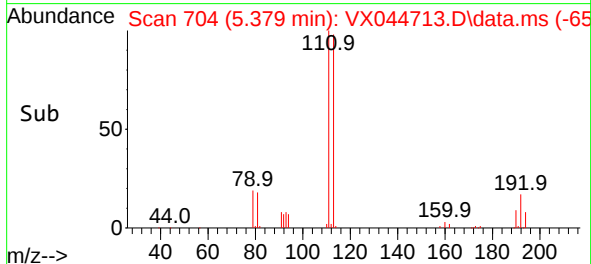
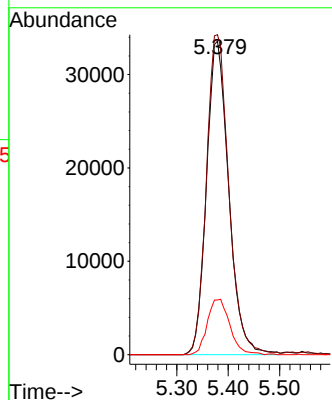
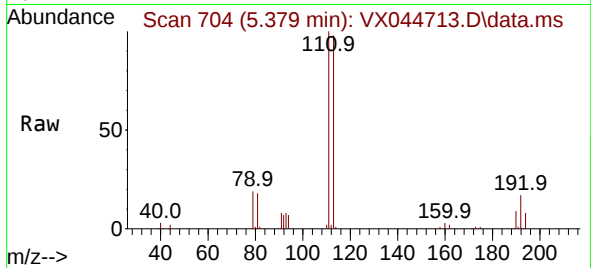




#35
Dibromofluoromethane
Concen: 50.454 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

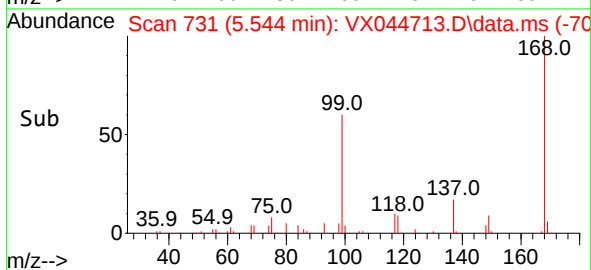
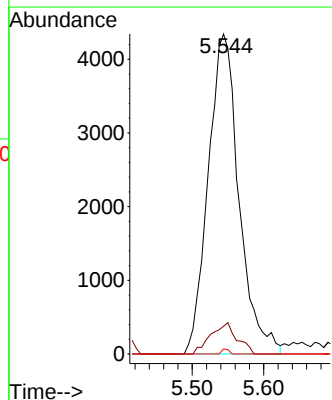
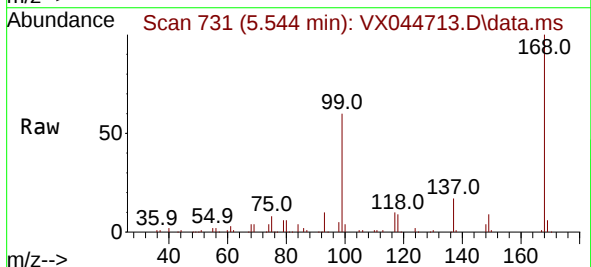
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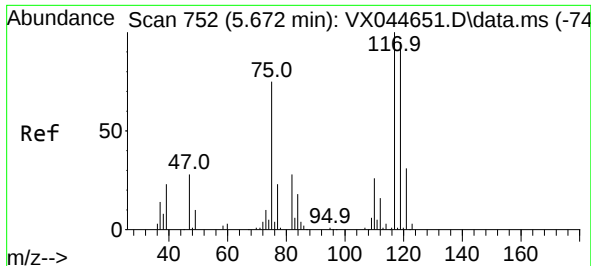
Tgt Ion:113 Resp: 101022
Ion Ratio Lower Upper
113 100
111 102.8 81.6 122.4
192 17.9 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.654 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

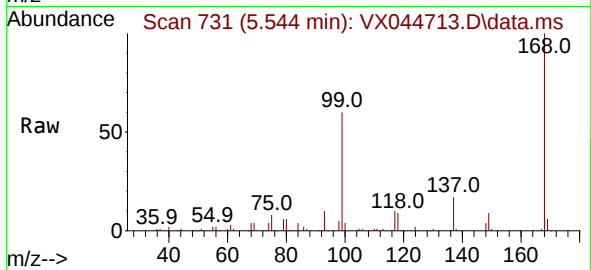
Tgt Ion: 75 Resp: 12972
Ion Ratio Lower Upper
75 100
110 8.4 17.9 53.8#
77 0.4 24.5 36.7#



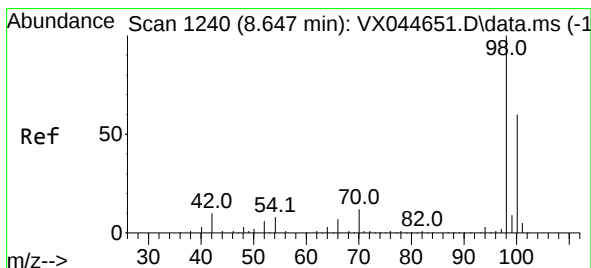
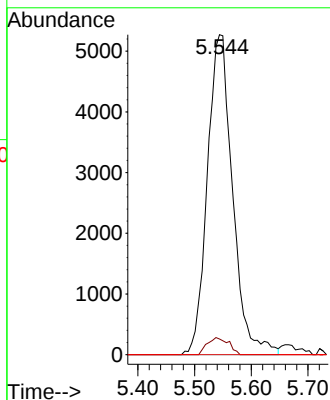
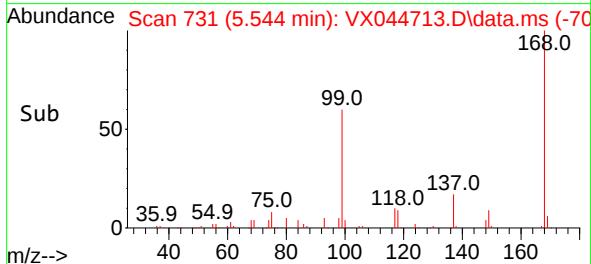


#38
Carbon Tetrachloride
Concen: 5.203 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :

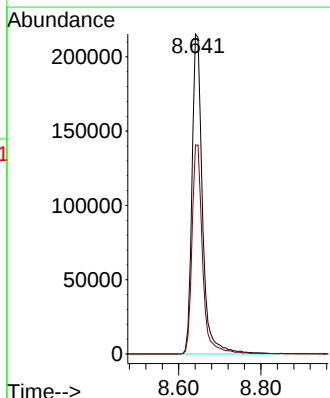
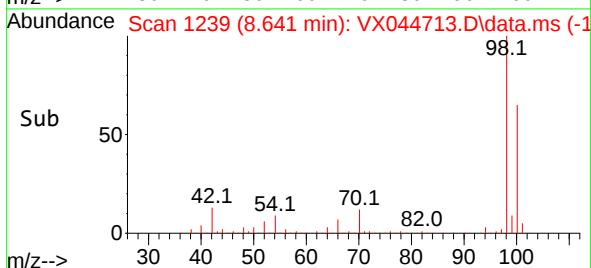
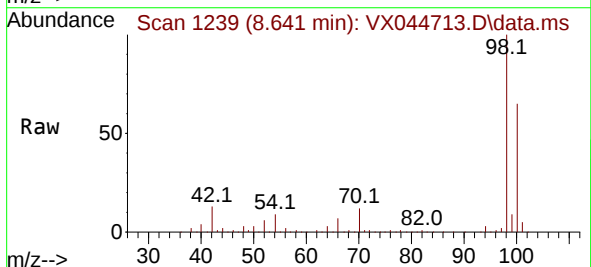


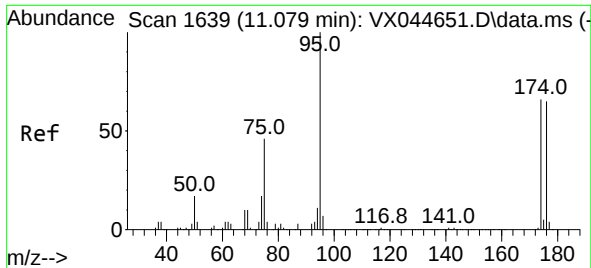
Tgt Ion:117 Resp: 16312
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 54.586 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

Tgt Ion: 98 Resp: 381089
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

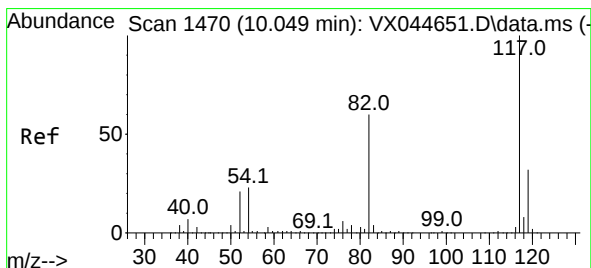
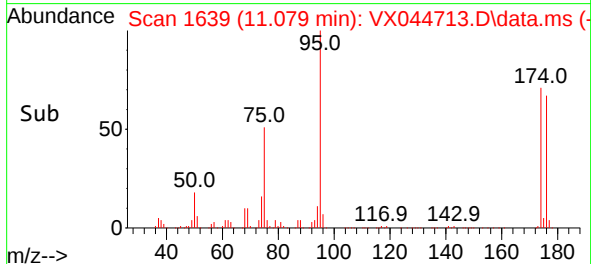
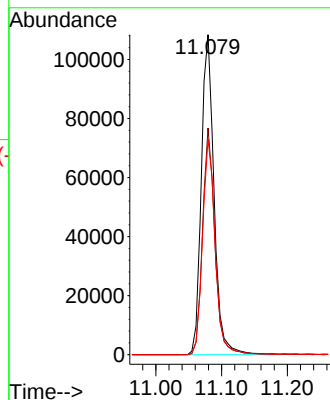
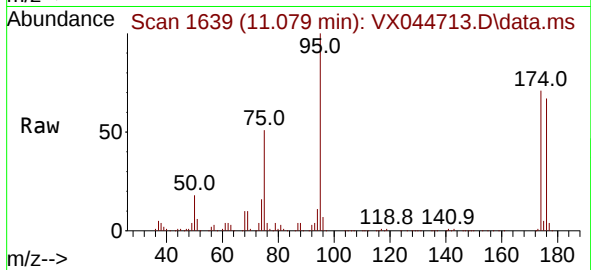




#62
4-Bromofluorobenzene
Concen: 56.135 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

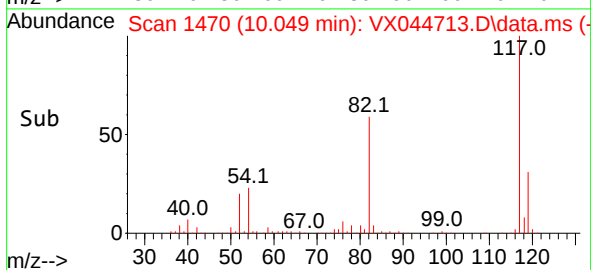
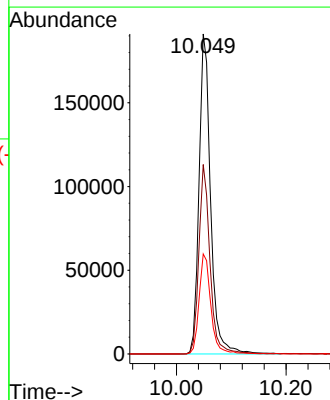
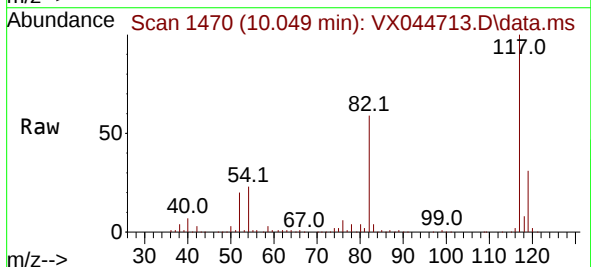
Instrument :
MSVOA_X
ClientSampleId :

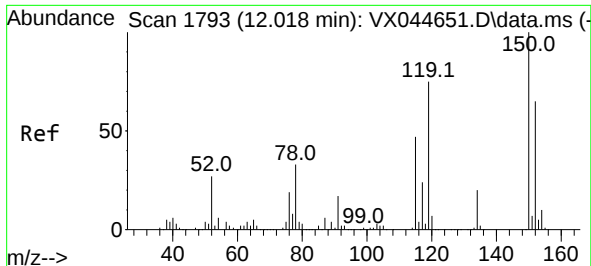
Tgt Ion: 95 Resp: 146098
Ion Ratio Lower Upper
95 100
174 68.4 0.0 133.0
176 66.7 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

Tgt Ion: 117 Resp: 280517
Ion Ratio Lower Upper
117 100
82 59.2 47.6 71.4
119 31.3 25.4 38.2

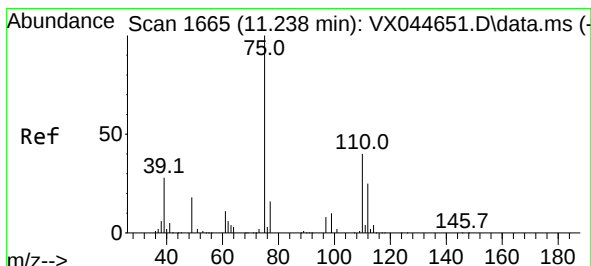
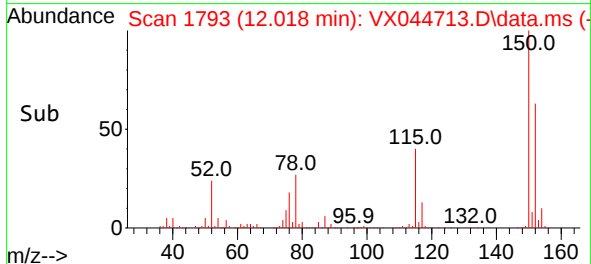
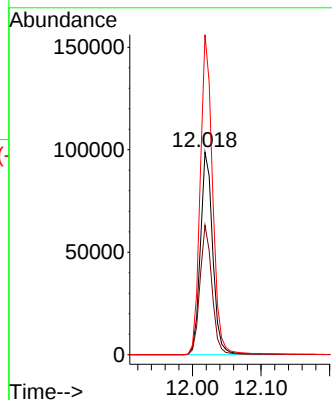
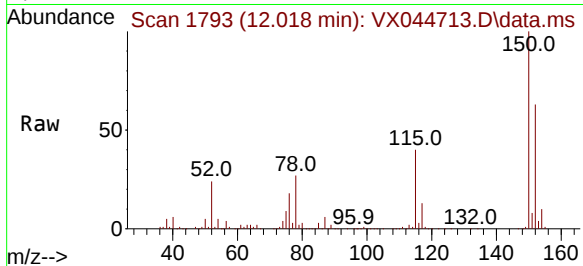




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044713.D
 Acq: 27 Jan 2025 11:01

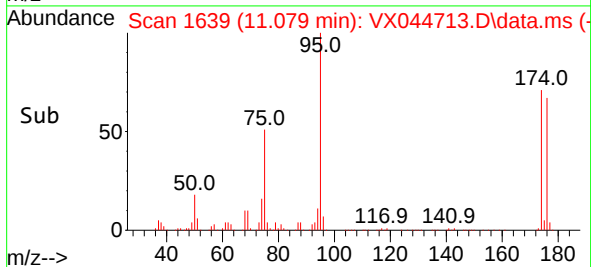
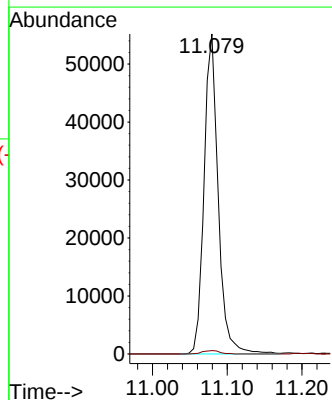
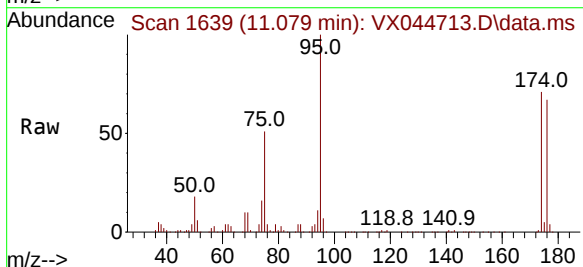
Instrument :
 MSVOA_X
 ClientSampleId :

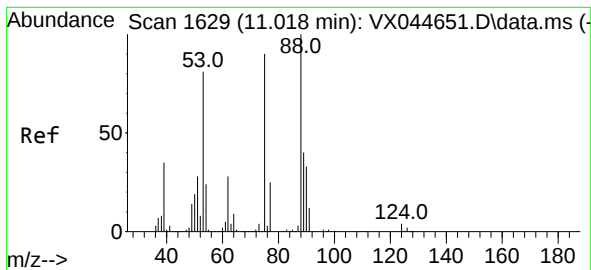
Tgt Ion:152 Resp: 124517
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.8 131.4
 150 157.7 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 23.964 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044713.D
 Acq: 27 Jan 2025 11:01

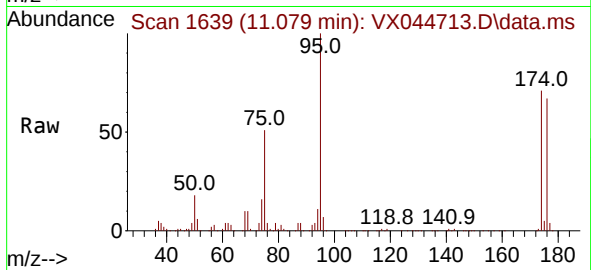
Tgt Ion: 75 Resp: 72416
 Ion Ratio Lower Upper
 75 100
 77 1.3 23.4 70.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.803 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX044713.D
Acq: 27 Jan 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 72416
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

