

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044718.D
 Acq On : 27 Jan 2025 13:01
 Operator : JC/MD
 Sample : Q1173-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 04:11:06 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)

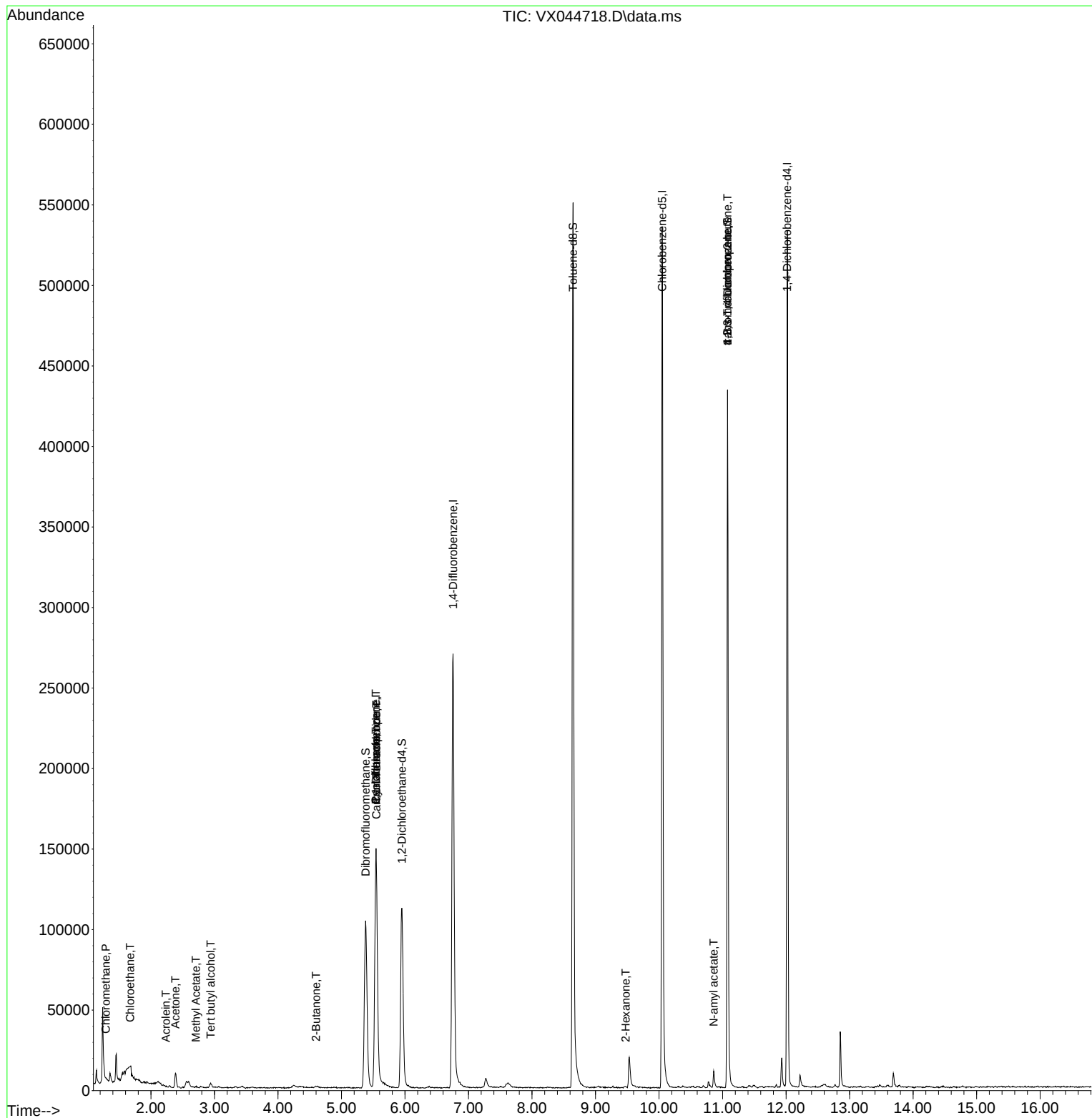
Internal Standards						
1) Pentafluorobenzene	5.544	168	145080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	291470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	260564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	111378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107332	49.013	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.020%
35) Dibromofluoromethane	5.379	113	95202	51.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.820%
50) Toluene-d8	8.647	98	359433	55.671	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.340%
62) 4-Bromofluorobenzene	11.079	95	125581	52.176	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	526	0.249	ug/l	90
6) Chloroethane	1.672	64	95	0.248	ug/l #	69
11) Tert butyl alcohol	2.940	59	1841	3.771	ug/l #	85
13) Acrolein	2.233	56	204	0.888	ug/l #	1
16) Acetone	2.386	43	10408	12.013	ug/l	99
18) Methyl Acetate	2.709	43	968	0.362	ug/l #	74
25) 2-Butanone	4.599	43	2694	2.091	ug/l	94
31) Cyclohexane	5.544	56	3856	1.398	ug/l #	15
36) 1,1-Dichloropropene	5.544	75	12353	4.792	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14956	5.158	ug/l #	16
59) 2-Hexanone	9.476	43	856	0.417	ug/l	96
74) N-amyl acetate	10.860	43	1661	0.370	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	62279	23.041	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	62279	52.691	ug/l #	12

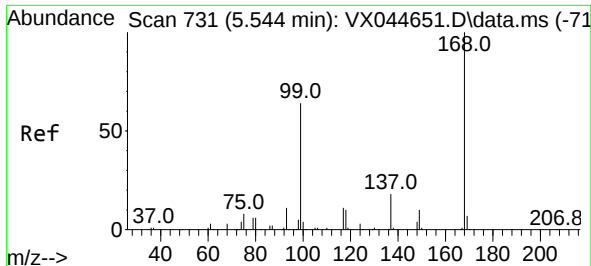
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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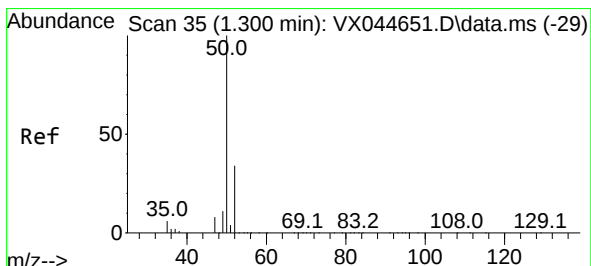
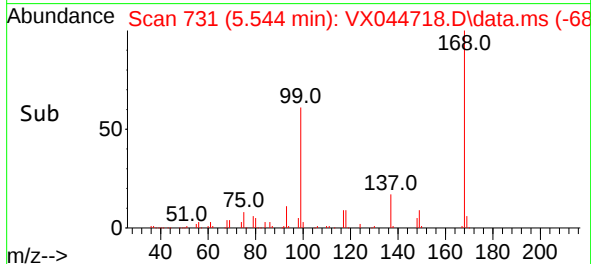
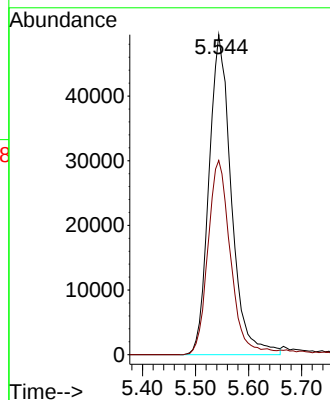
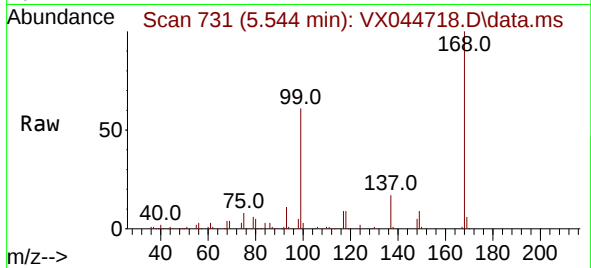




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

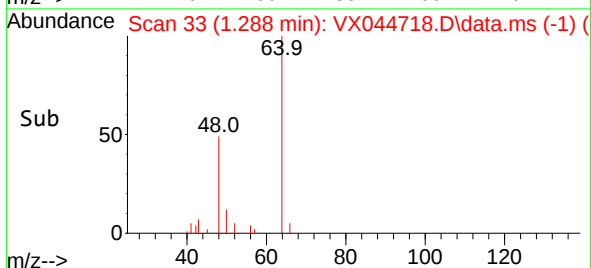
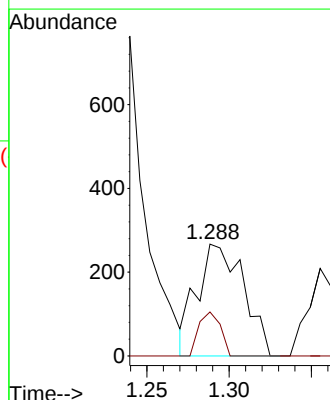
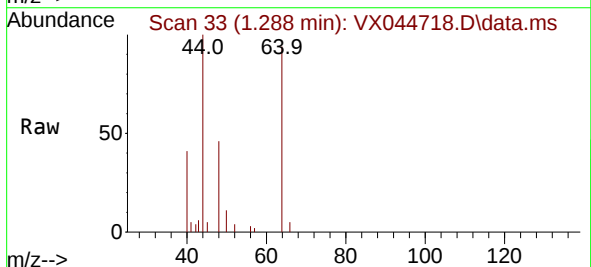
Instrument :
MSVOA_X
ClientSampleId :

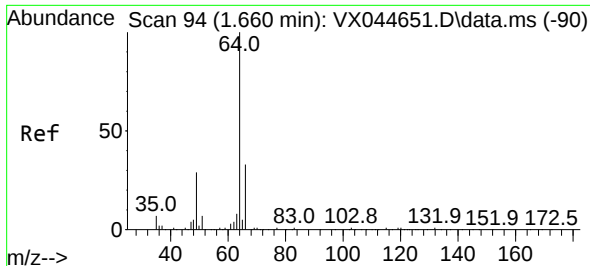
Tgt Ion:168 Resp: 145080
Ion Ratio Lower Upper
168 100
99 60.7 51.1 76.7



#3
Chloromethane
Concen: 0.249 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.012 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

Tgt Ion: 50 Resp: 526
Ion Ratio Lower Upper
50 100
52 39.3 27.0 40.4

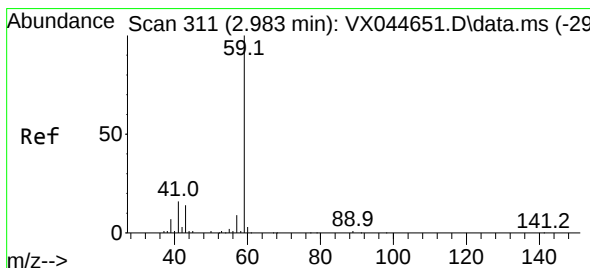
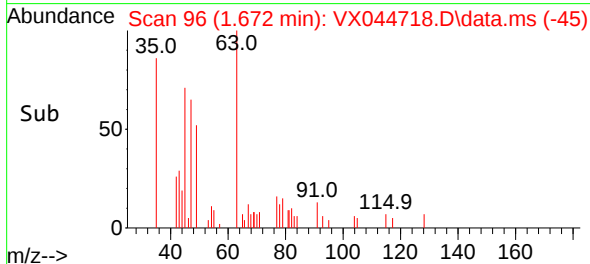
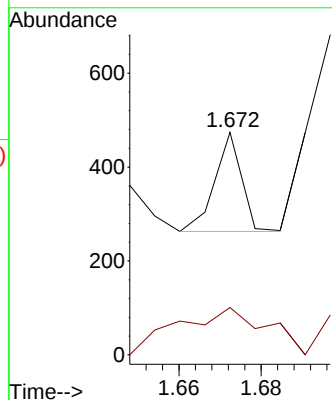
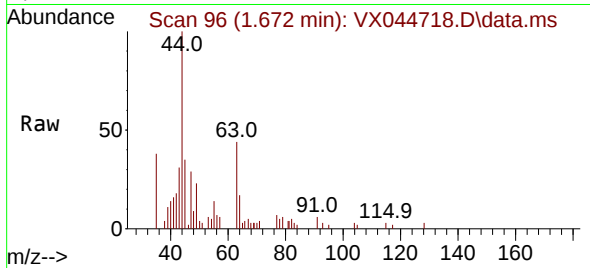




#6
Chloroethane
Concen: 0.248 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

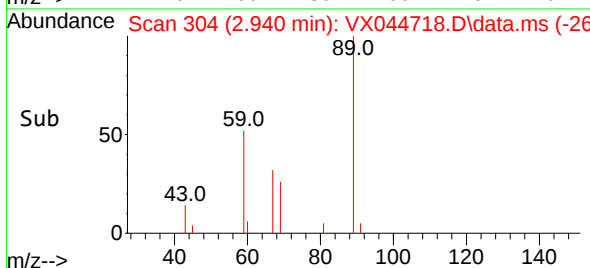
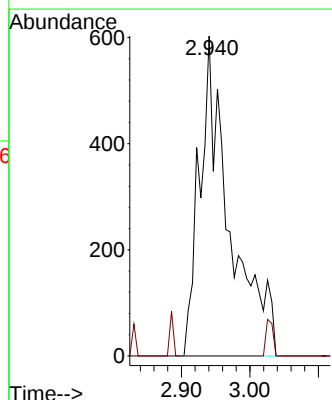
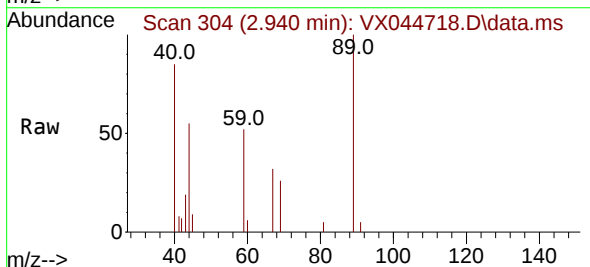
Instrument :
MSVOA_X
ClientSampleId :

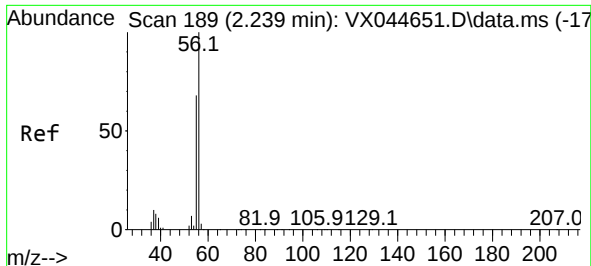
Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 15.6 26.6 39.8#



#11
Tert butyl alcohol
Concen: 3.771 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

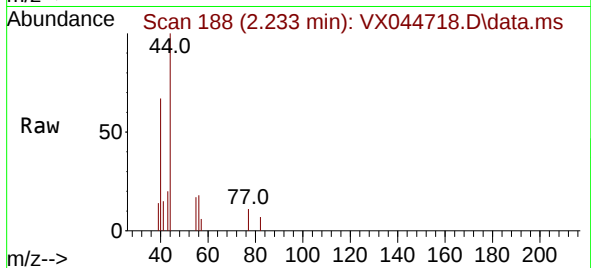
Tgt Ion: 59 Resp: 1841
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#



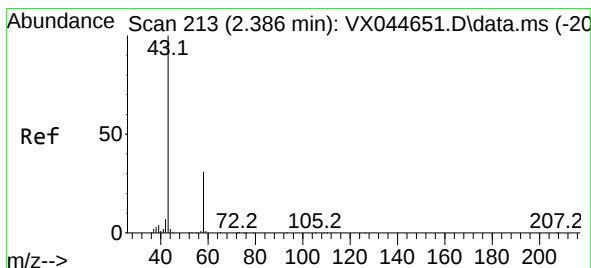
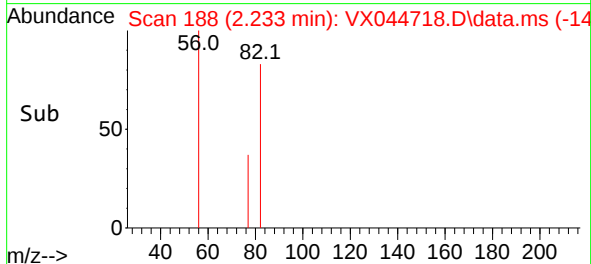
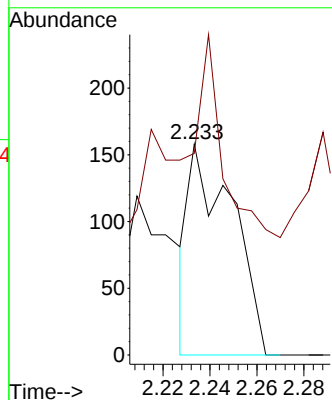


#13
Acrolein
Concen: 0.888 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

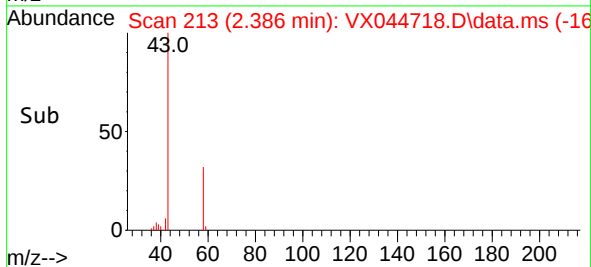
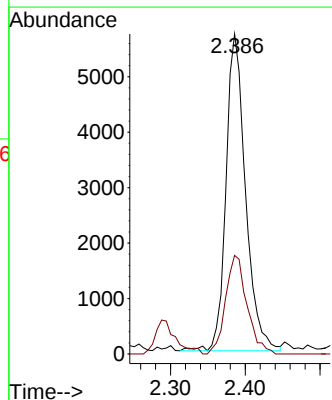
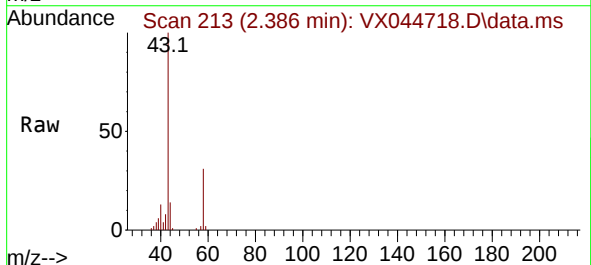


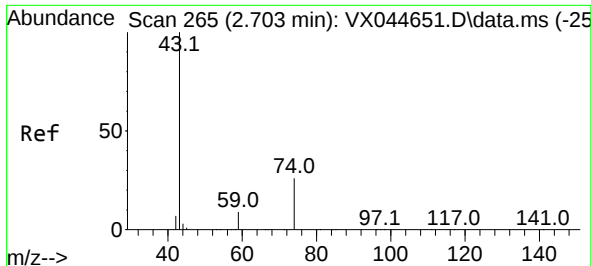
Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 174.5 55.1 82.7#



#16
Acetone
Concen: 12.013 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

Tgt Ion: 43 Resp: 10408
Ion Ratio Lower Upper
43 100
58 31.1 24.6 37.0

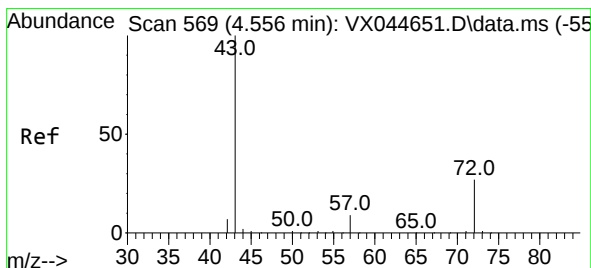
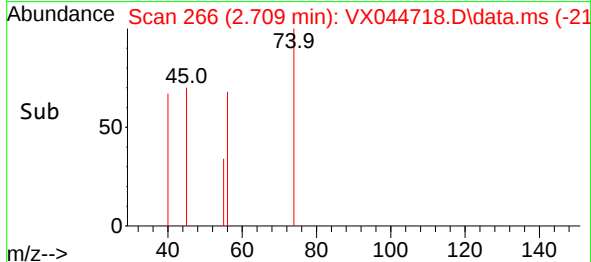
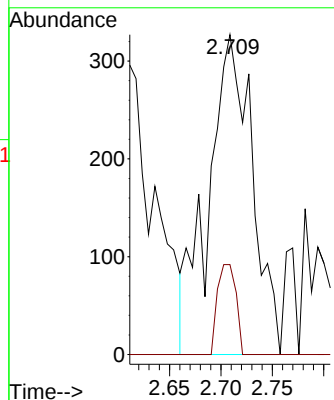
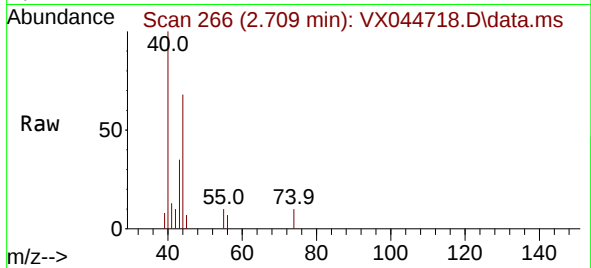




#18
Methyl Acetate
Concen: 0.362 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

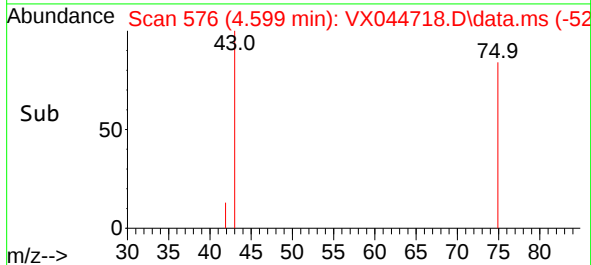
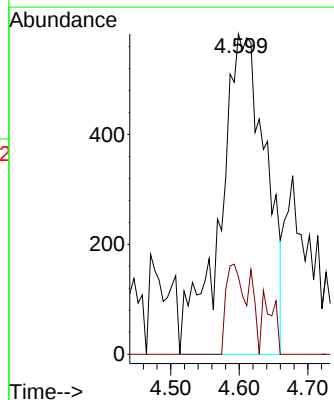
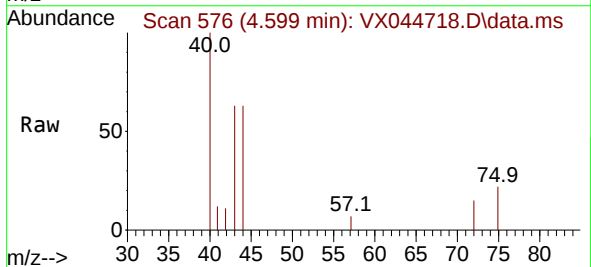
Instrument :
MSVOA_X
ClientSampleId :

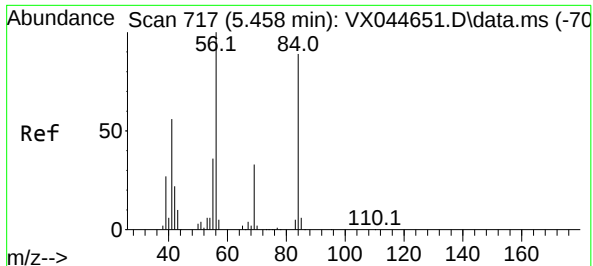
Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
74 11.9 19.8 29.8#



#25
2-Butanone
Concen: 2.091 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.043 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

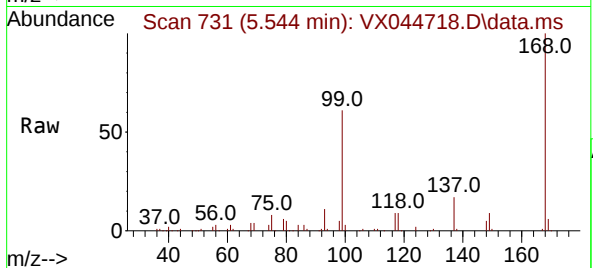
Tgt Ion: 43 Resp: 2694
Ion Ratio Lower Upper
43 100
72 24.2 21.7 32.5



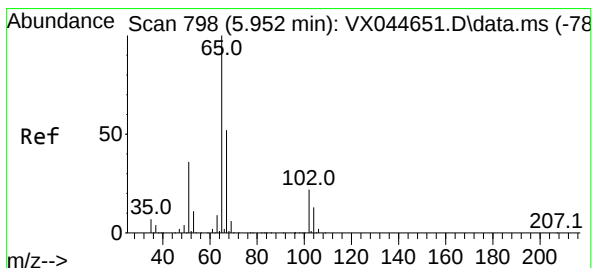
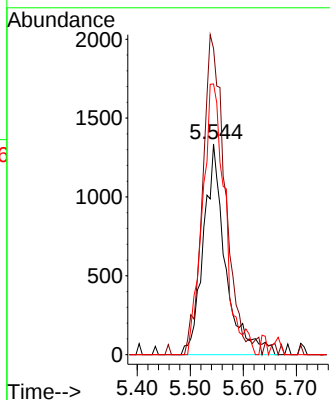
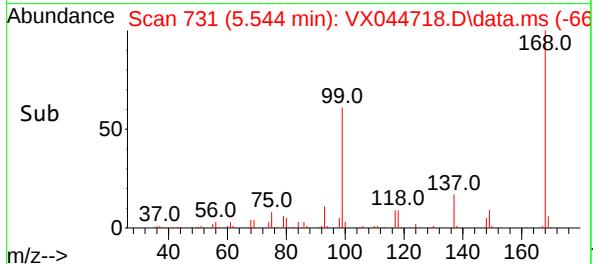


#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

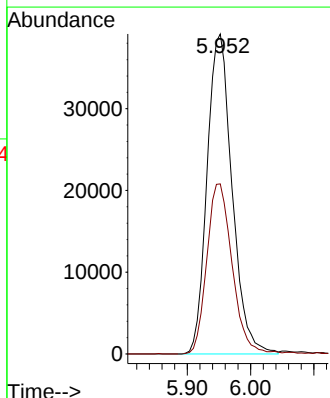
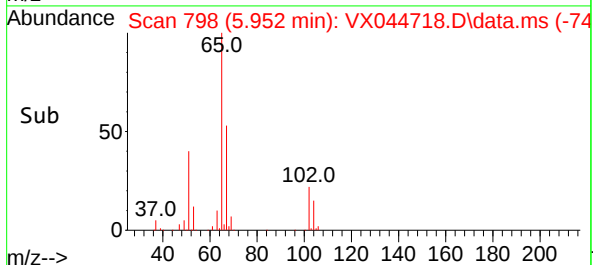
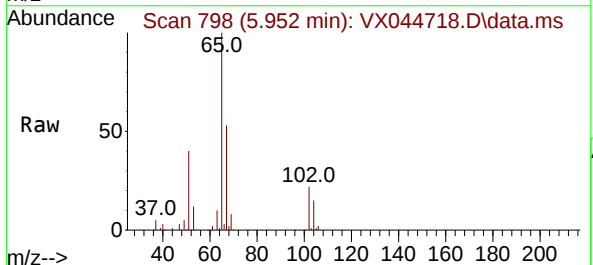


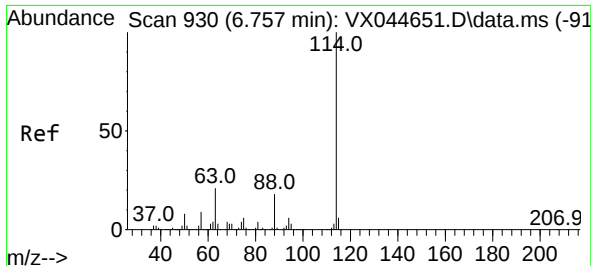
Tgt Ion: 56 Resp: 3856
Ion Ratio Lower Upper
56 100
69 145.3 26.8 40.2#
84 128.5 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 49.013 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

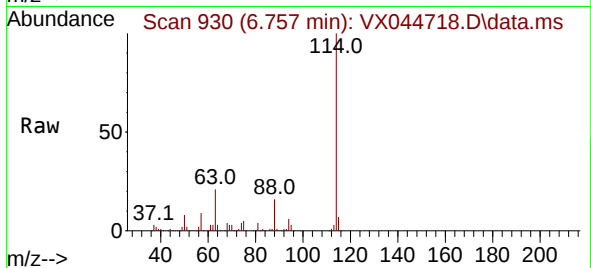
Tgt Ion: 65 Resp: 107332
Ion Ratio Lower Upper
65 100
67 53.8 0.0 103.4



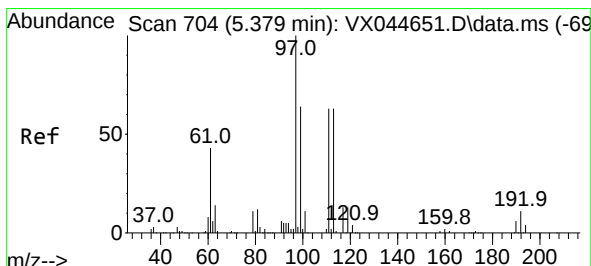
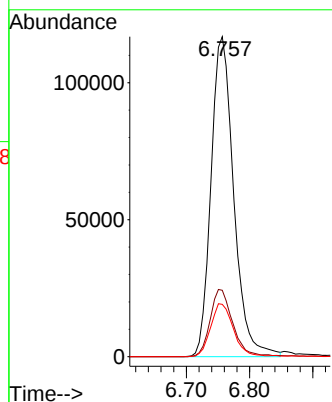
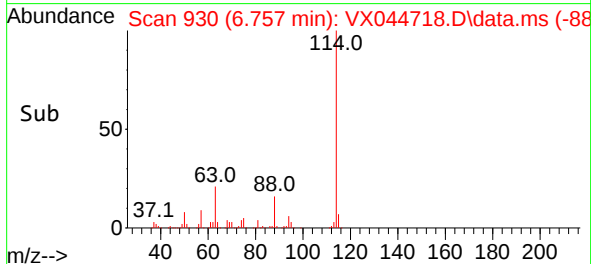


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044718.D
 Acq: 27 Jan 2025 13:01

Instrument :
 MSVOA_X
 ClientSampleId :

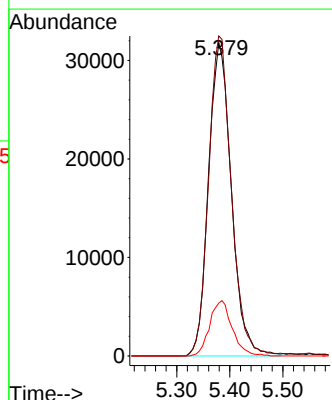
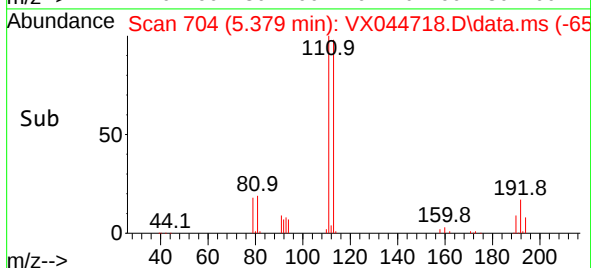
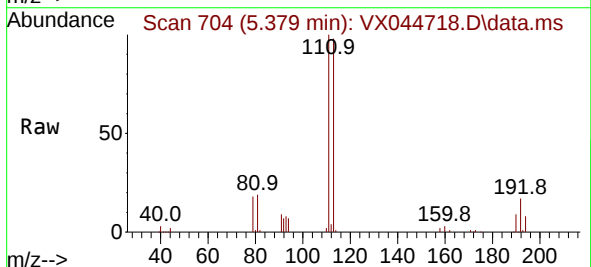


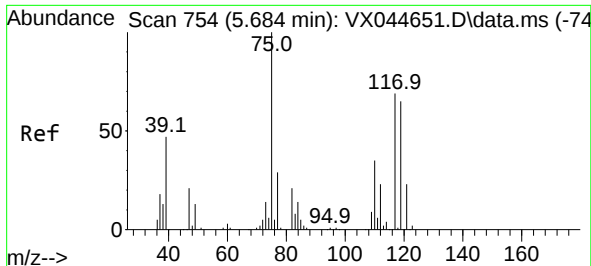
Tgt Ion:114 Resp: 291470
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.0
 88 16.3 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.414 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044718.D
 Acq: 27 Jan 2025 13:01

Tgt Ion:113 Resp: 95202
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.6 122.4
 192 17.4 14.4 21.6





#36

1,1-Dichloropropene

Concen: 4.792 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

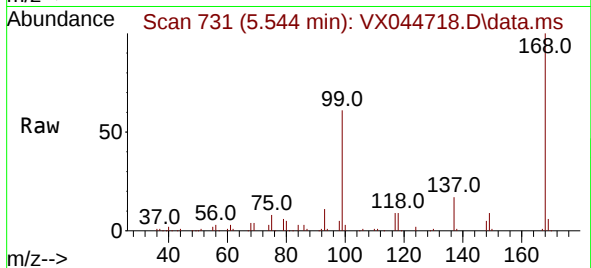
Lab File: VX044718.D

Acq: 27 Jan 2025 13:01

Instrument :

MSVOA_X

ClientSampleId :



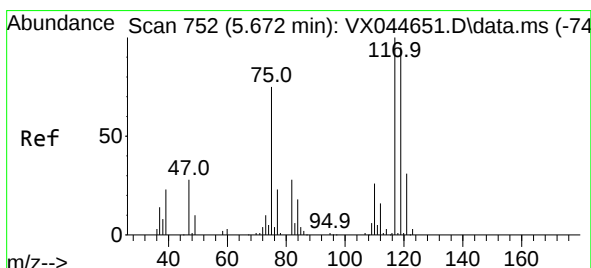
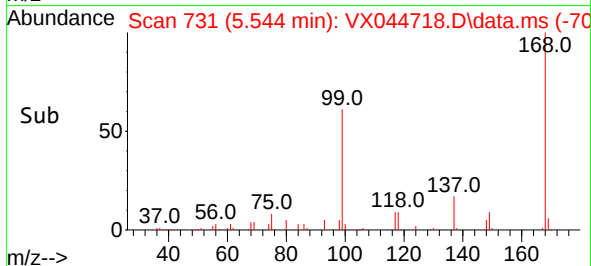
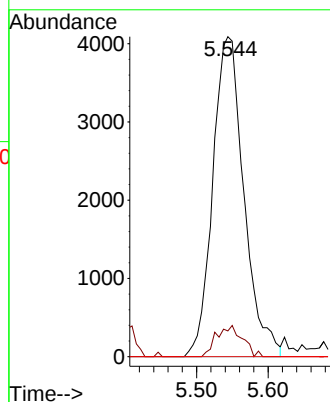
Tgt Ion: 75 Resp: 12353

Ion Ratio Lower Upper

75 100

110 8.2 17.9 53.8#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.158 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX044718.D

Acq: 27 Jan 2025 13:01

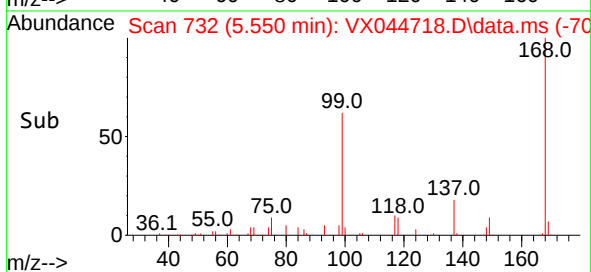
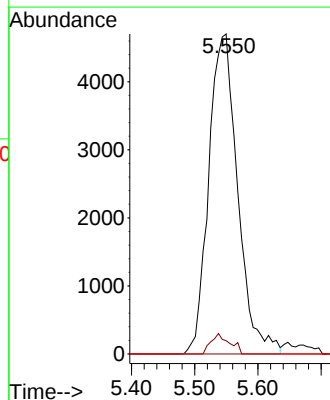
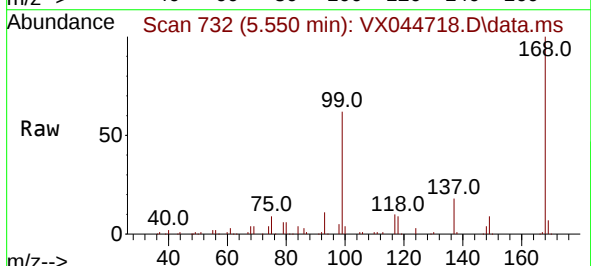
Tgt Ion: 117 Resp: 14956

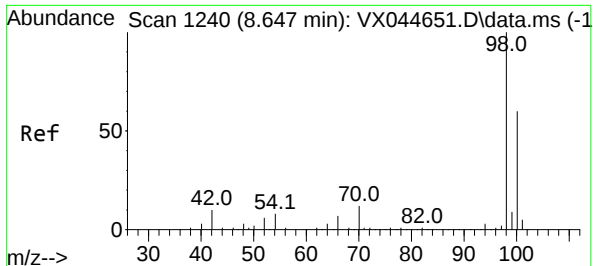
Ion Ratio Lower Upper

117 100

119 4.2 76.0 114.0#

121 0.0 24.6 36.8#

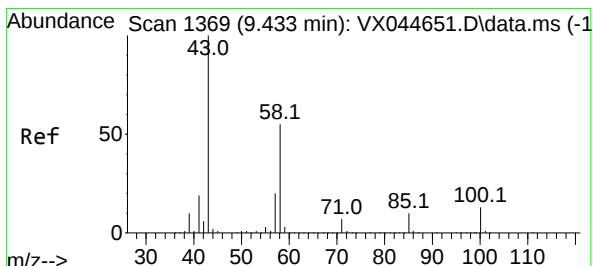
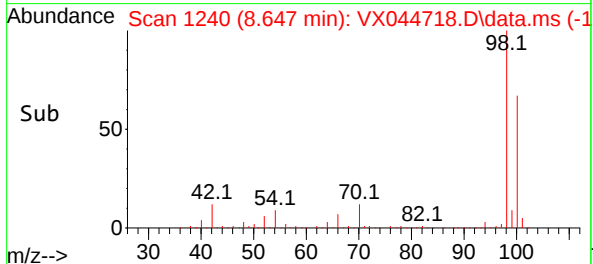
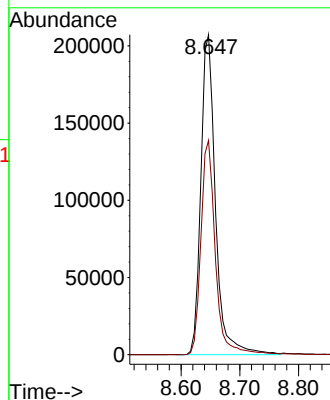
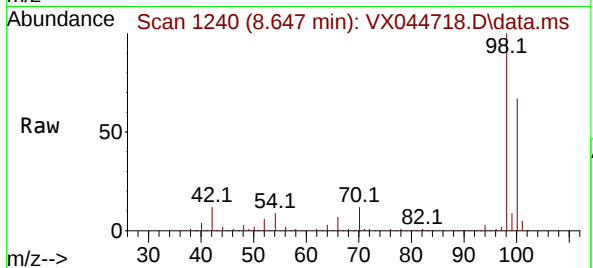




#50
Toluene-d8
Concen: 55.671 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

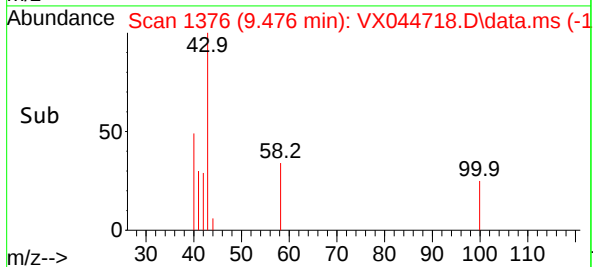
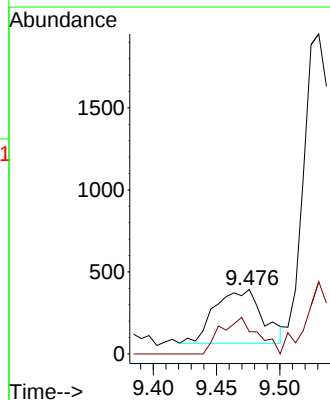
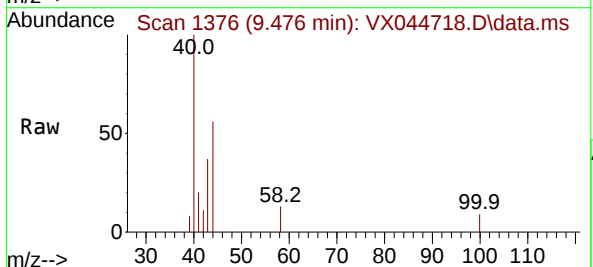
Instrument :
MSVOA_X
ClientSampleId :

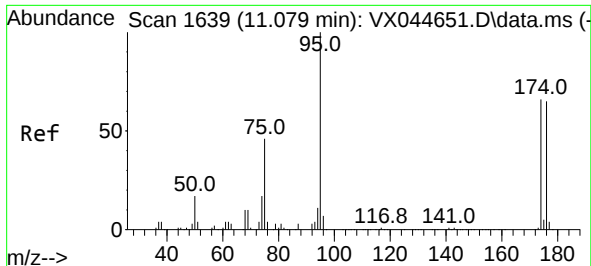
Tgt Ion: 98 Resp: 359433
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#59
2-Hexanone
Concen: 0.417 ug/l
RT: 9.476 min Scan# 1376
Delta R.T. 0.043 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
58 52.7 27.8 83.3

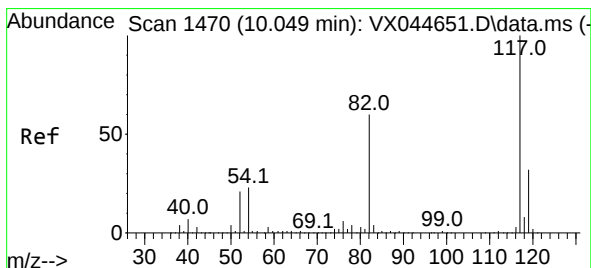
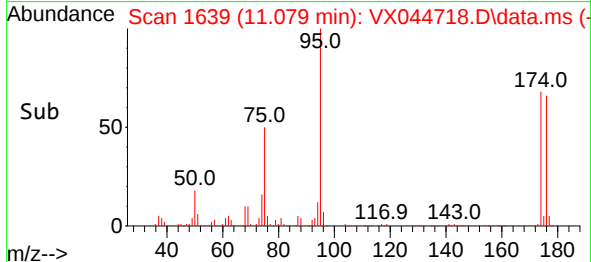
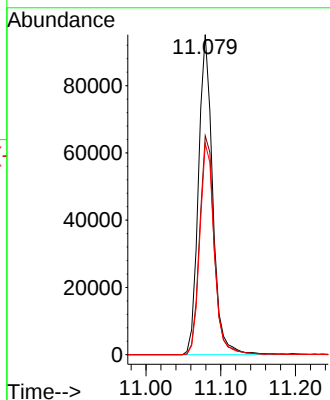
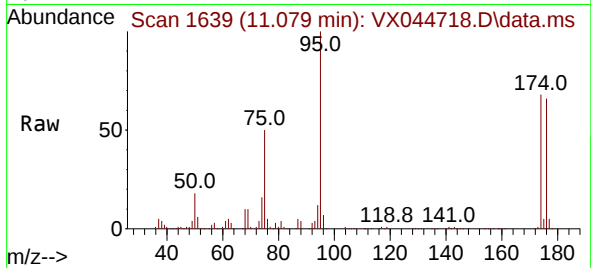




#62
4-Bromofluorobenzene
Concen: 52.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

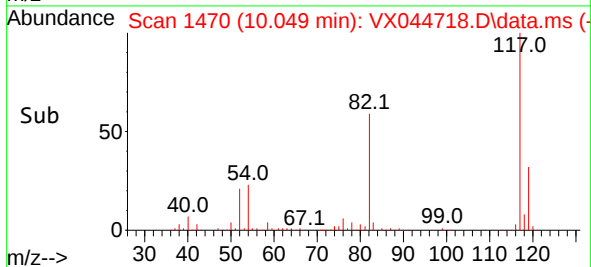
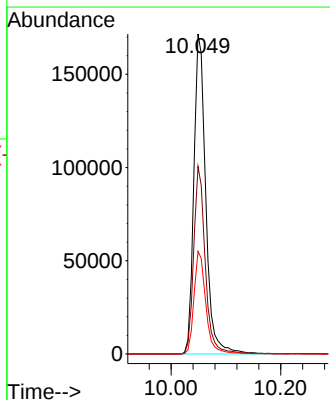
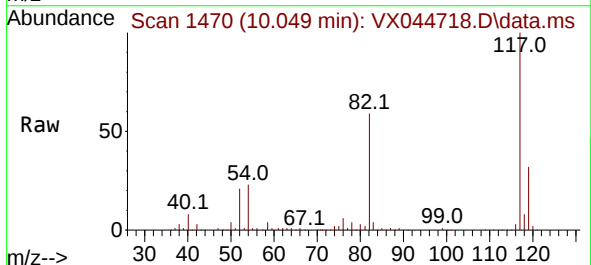
Instrument :
MSVOA_X
ClientSampleId :

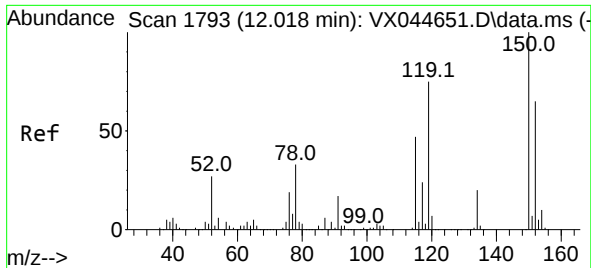
Tgt Ion: 95 Resp: 125581
Ion Ratio Lower Upper
95 100
174 70.6 0.0 133.0
176 67.4 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

Tgt Ion: 117 Resp: 260564
Ion Ratio Lower Upper
117 100
82 58.6 47.6 71.4
119 32.0 25.4 38.2

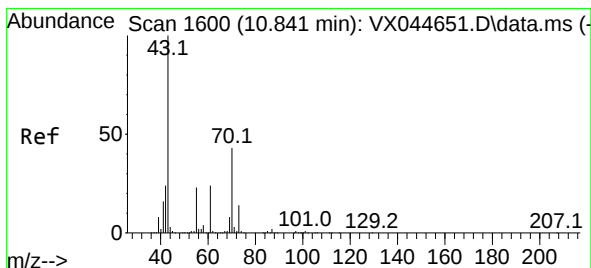
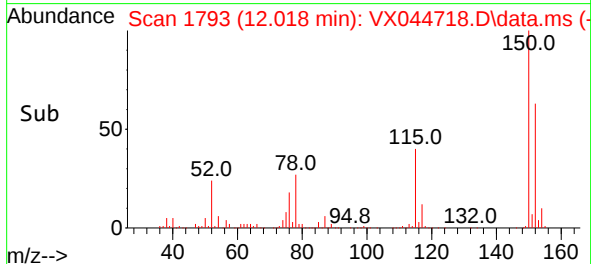
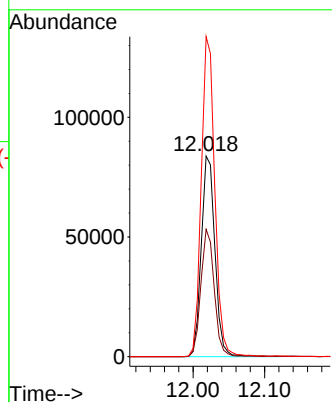
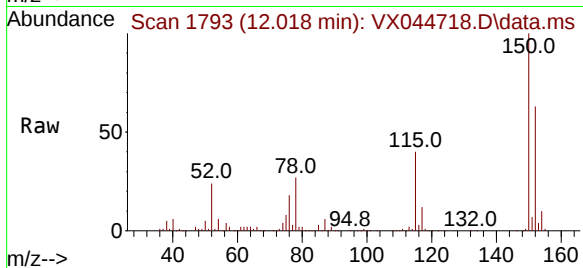




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

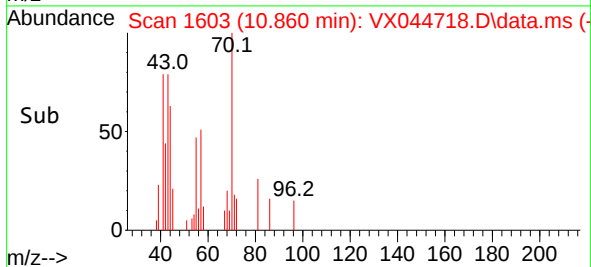
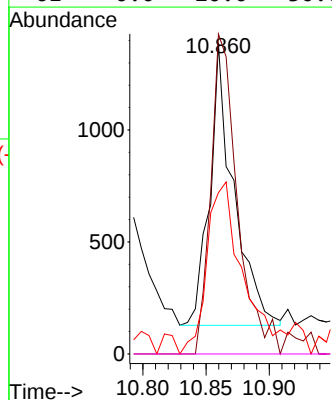
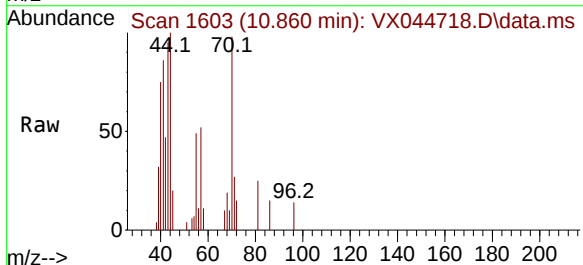
Instrument :
MSVOA_X
ClientSampleId :

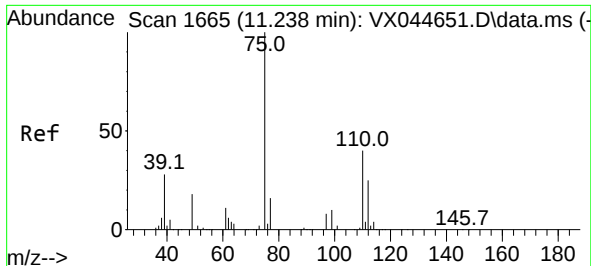
Tgt Ion:152 Resp: 111378
Ion Ratio Lower Upper
152 100
115 62.1 43.8 131.4
150 158.0 0.0 347.8



#74
N-ethyl acetate
Concen: 0.370 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
70 126.4 35.2 52.8#
55 92.7 19.0 28.4#
61 0.0 20.0 30.0#

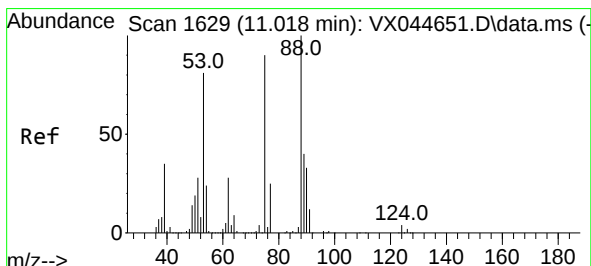
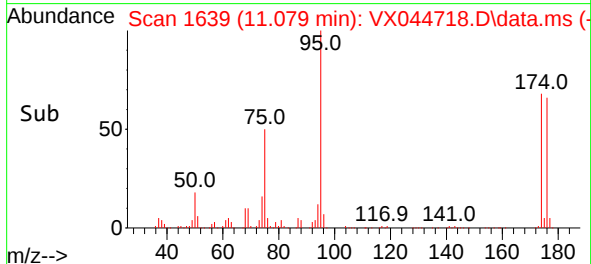
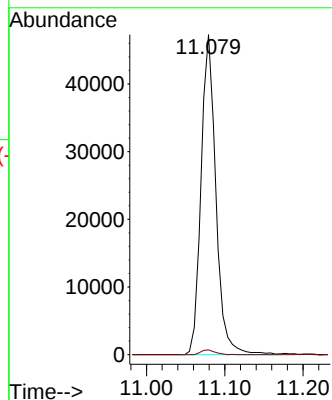
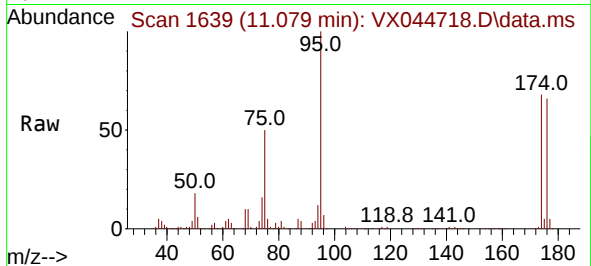




#76
1,2,3-Trichloropropane
Concen: 23.041 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 62279
Ion Ratio Lower Upper
75 100
77 1.5 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044718.D
Acq: 27 Jan 2025 13:01

Tgt Ion: 75 Resp: 62279
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.1 37.4 56.0#

