

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022525\
 Data File : VX045031.D
 Acq On : 25 Feb 2025 12:07
 Operator : JC/MD
 Sample : VX0225WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBL01

Quant Time: Feb 26 03:13:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

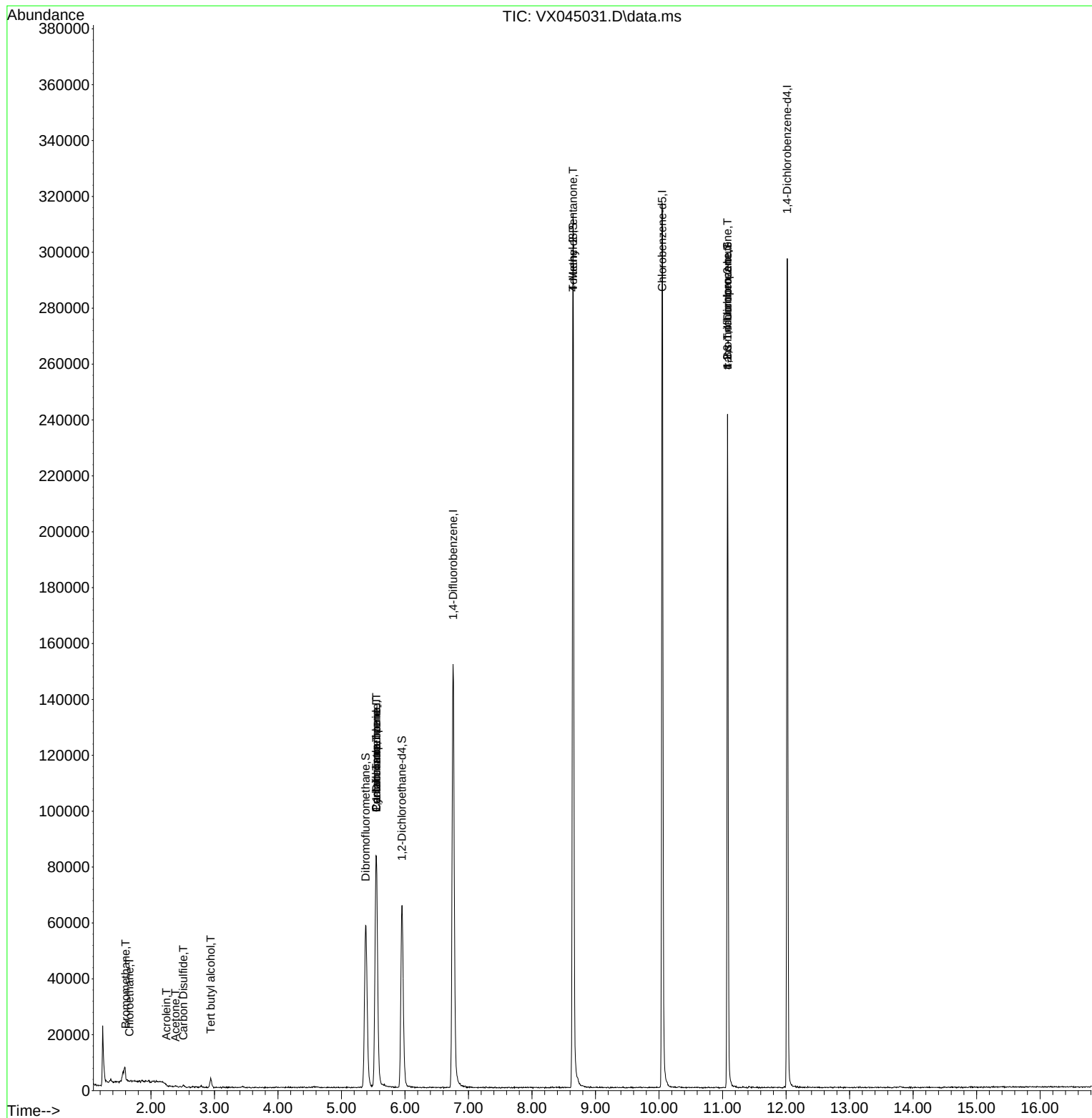
Internal Standards						
1) Pentafluorobenzene	5.550	168	79395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62289	53.596	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.200%	
35) Dibromofluoromethane	5.379	113	52139	50.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.640%	
50) Toluene-d8	8.647	98	189606	48.393	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.780%	
62) 4-Bromofluorobenzene	11.079	95	62773	47.524	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.040%	
Target Compounds						Qvalue
5) Bromomethane	1.599	94	179	0.456	ug/l	95
6) Chloroethane	1.660	64	229	1.701	ug/l #	42
11) Tert butyl alcohol	2.940	59	1612	7.477	ug/l #	73
13) Acrolein	2.239	56	204	0.917	ug/l #	35
16) Acetone	2.386	43	320	0.685	ug/l #	42
17) Carbon Disulfide	2.508	76	924	0.329	ug/l	98
31) Cyclohexane	5.550	56	2101	1.164	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	7120	4.763	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8411	5.742	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	880	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33572	25.948	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33572	66.748	ug/l #	11

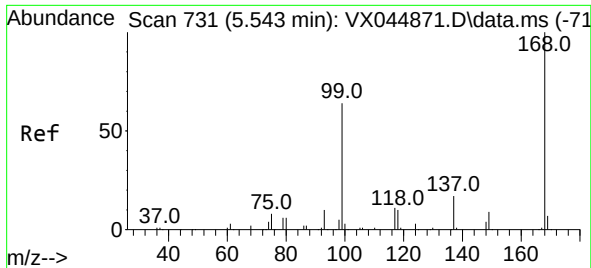
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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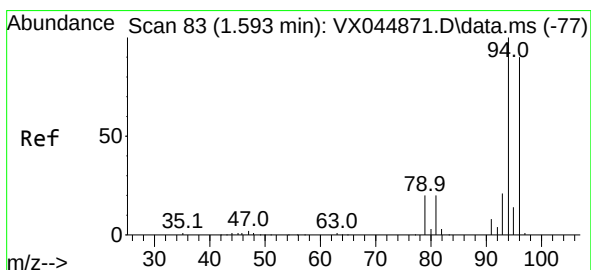
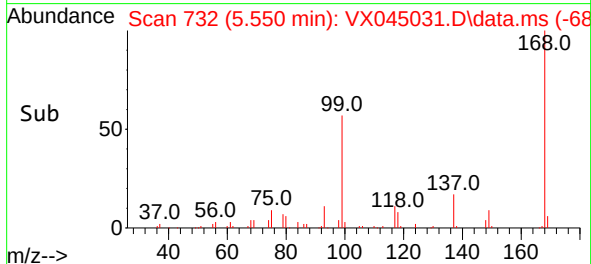
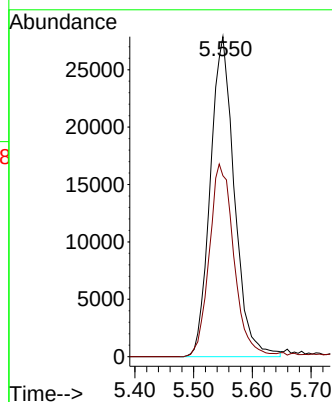
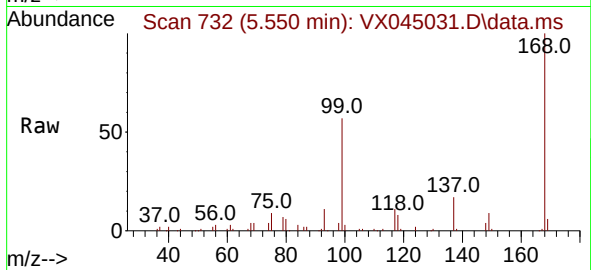




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

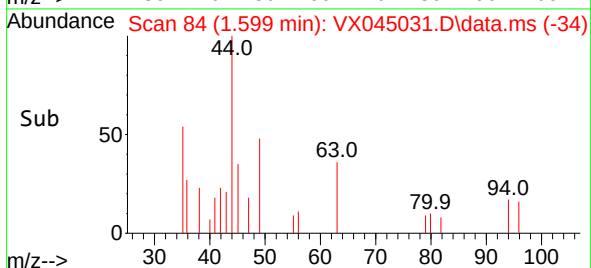
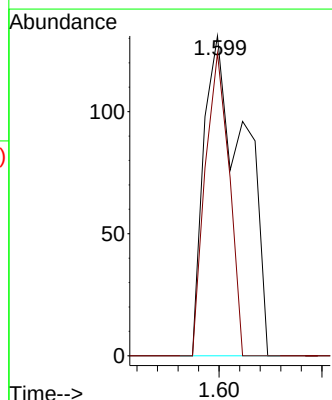
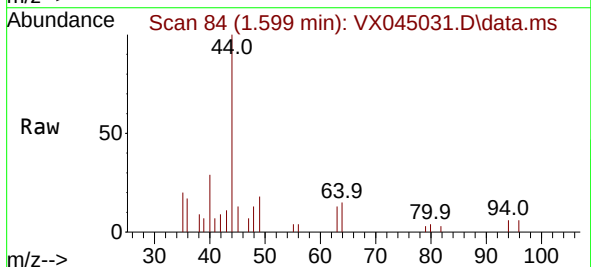
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBL01

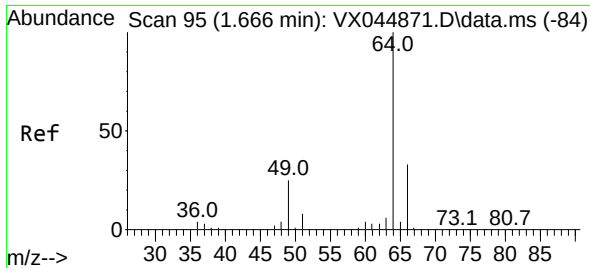
Tgt Ion:168 Resp: 79395
Ion Ratio Lower Upper
168 100
99 56.5 51.2 76.8



#5
Bromomethane
Concen: 0.456 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 94 Resp: 179
Ion Ratio Lower Upper
94 100
96 94.7 71.6 107.4

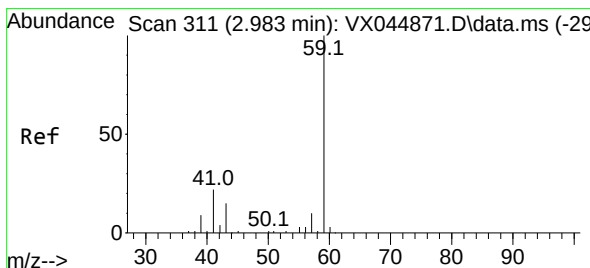
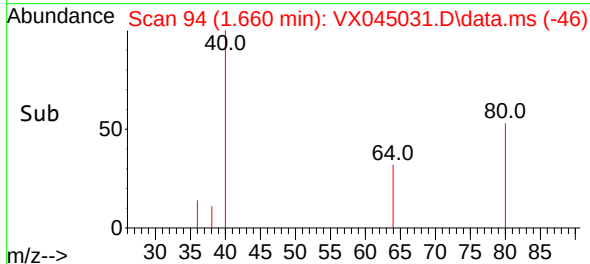
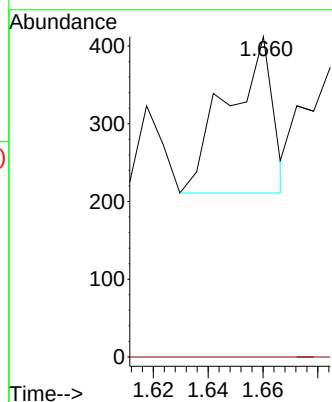
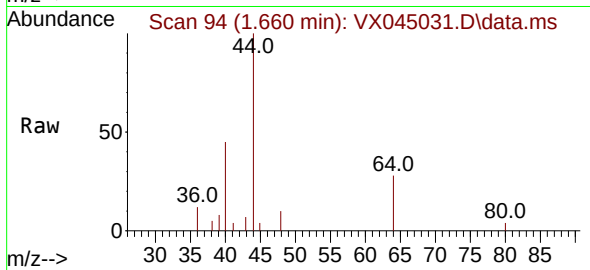




#6
 Chloroethane
 Concen: 1.701 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VX045031.D
 Acq: 25 Feb 2025 12:07

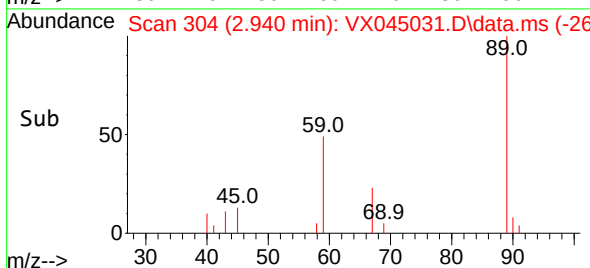
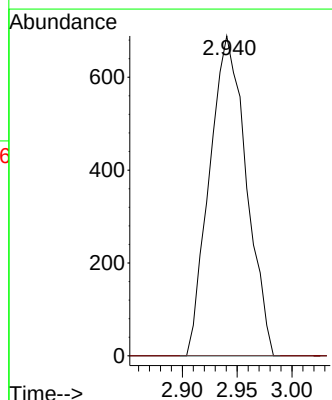
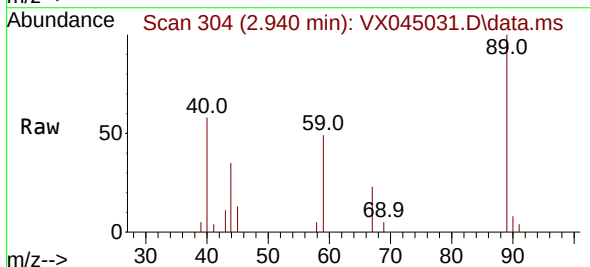
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBL01

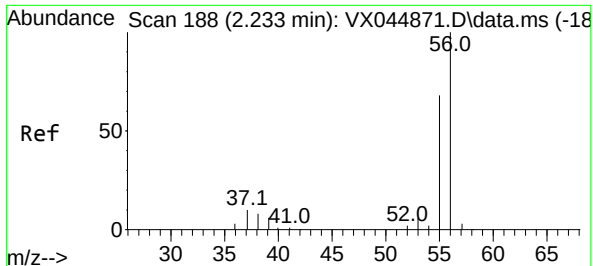
Tgt Ion: 64 Resp: 229
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.9 38.9#



#11
 Tert butyl alcohol
 Concen: 7.477 ug/l
 RT: 2.940 min Scan# 304
 Delta R.T. -0.042 min
 Lab File: VX045031.D
 Acq: 25 Feb 2025 12:07

Tgt Ion: 59 Resp: 1612
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#





#13

Acrolein

Concen: 0.917 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX045031.D

Acq: 25 Feb 2025 12:07

Instrument :

MSVOA_X

ClientSampleId :

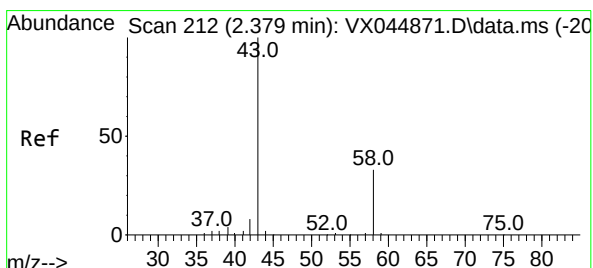
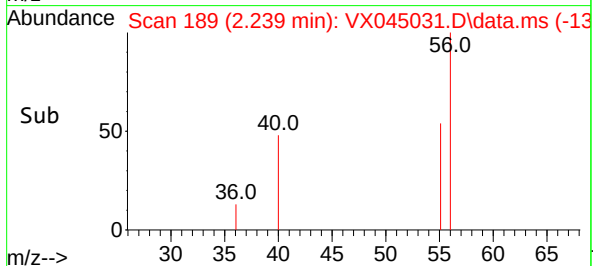
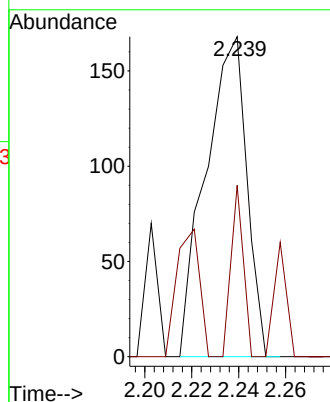
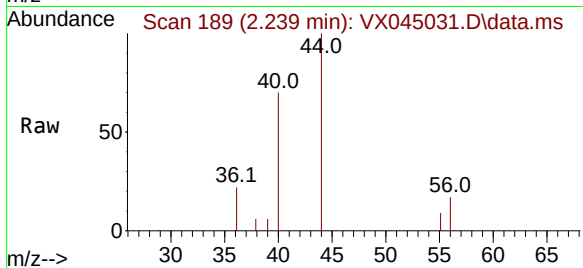
VX0225WBL01

Tgt Ion: 56 Resp: 204

Ion Ratio Lower Upper

56 100

55 16.2 55.7 83.5#



#16

Acetone

Concen: 0.685 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX045031.D

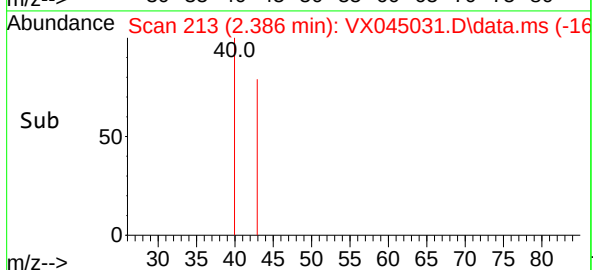
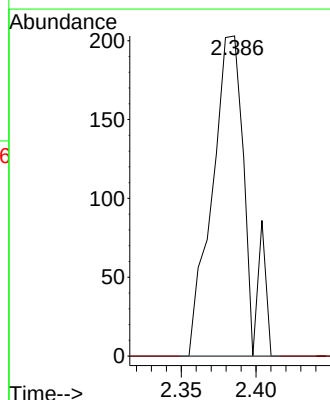
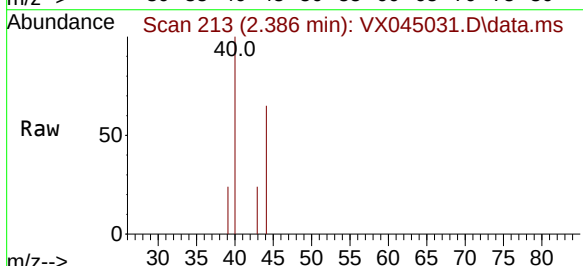
Acq: 25 Feb 2025 12:07

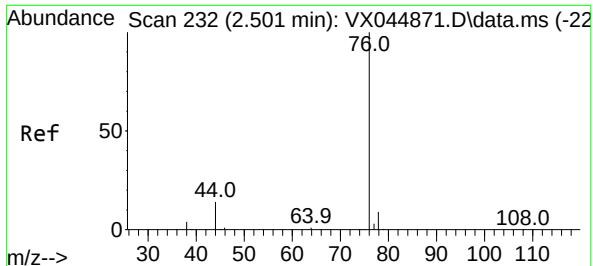
Tgt Ion: 43 Resp: 320

Ion Ratio Lower Upper

43 100

58 0.0 26.5 39.7#

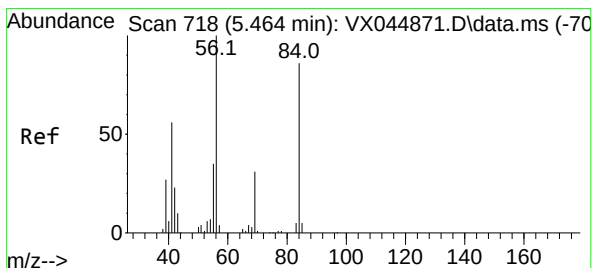
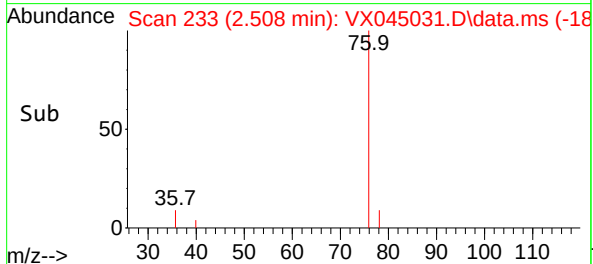
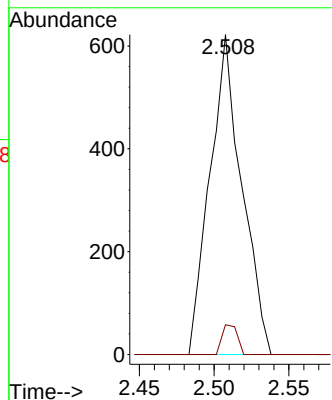
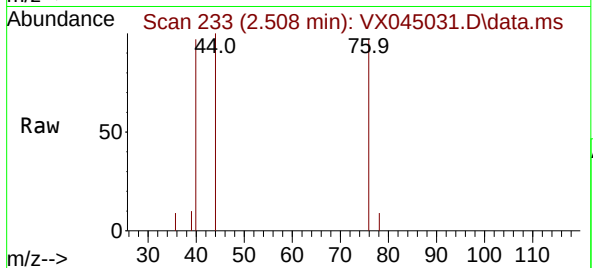




#17
Carbon Disulfide
Concen: 0.329 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

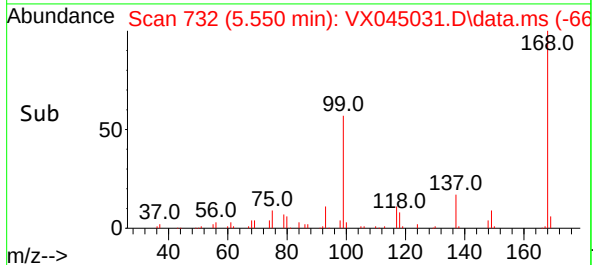
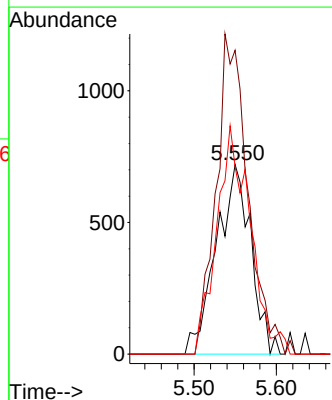
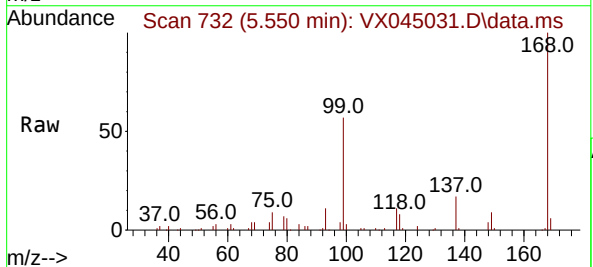
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBL01

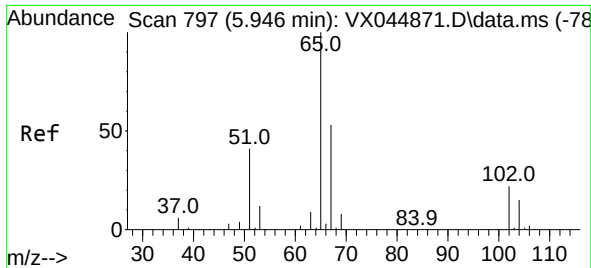
Tgt Ion: 76 Resp: 924
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 56 Resp: 2101
Ion Ratio Lower Upper
56 100
69 160.3 24.4 36.6#
84 98.9 69.0 103.6





#33

1,2-Dichloroethane-d4

Concen: 53.596 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX045031.D

Acq: 25 Feb 2025 12:07

Instrument :

MSVOA_X

ClientSampleId :

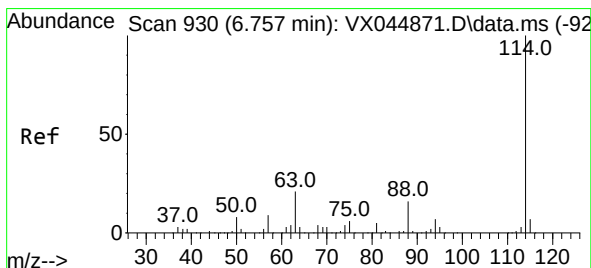
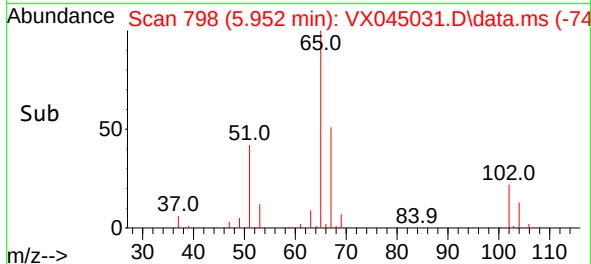
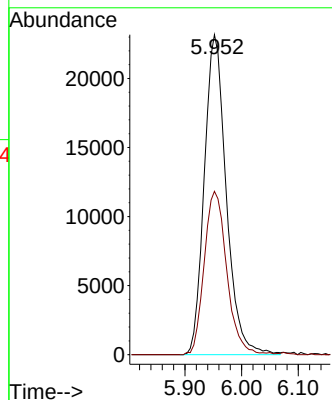
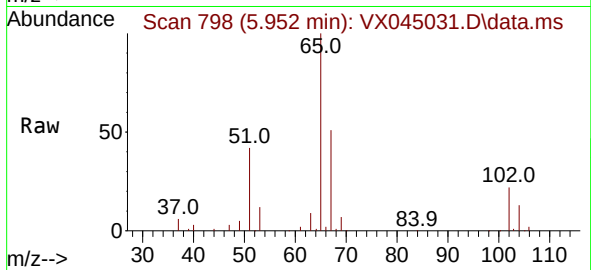
VX0225WBL01

Tgt Ion: 65 Resp: 62289

Ion Ratio Lower Upper

65 100

67 52.6 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045031.D

Acq: 25 Feb 2025 12:07

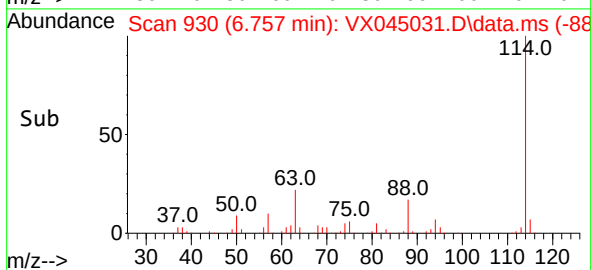
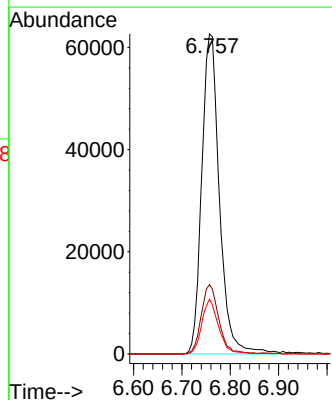
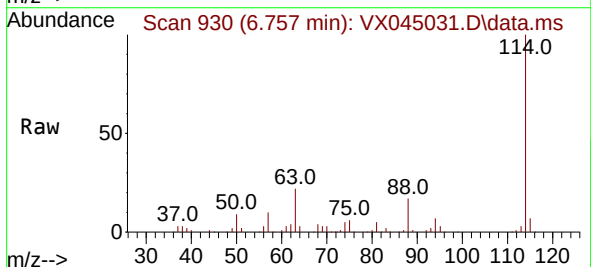
Tgt Ion: 114 Resp: 159366

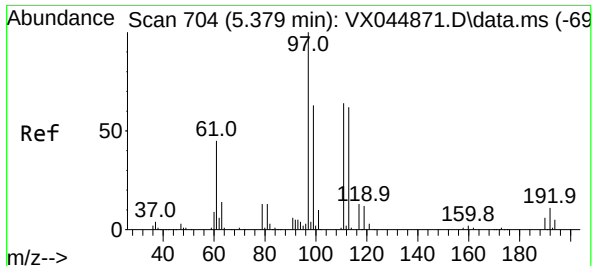
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

88 17.2 0.0 31.4

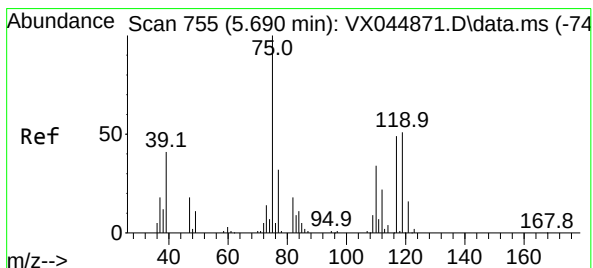
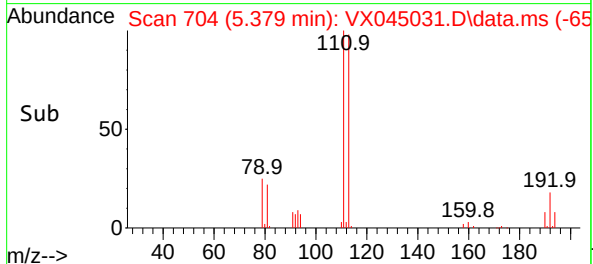
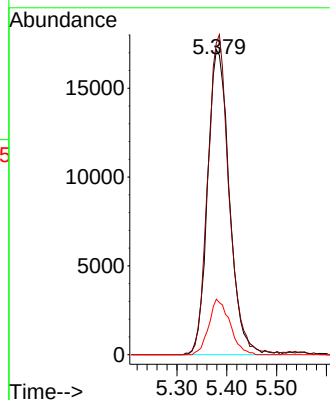
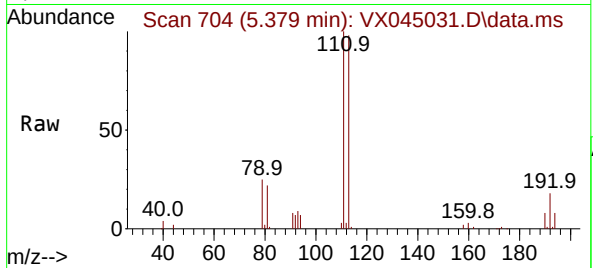




#35
Dibromofluoromethane
Concen: 50.320 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

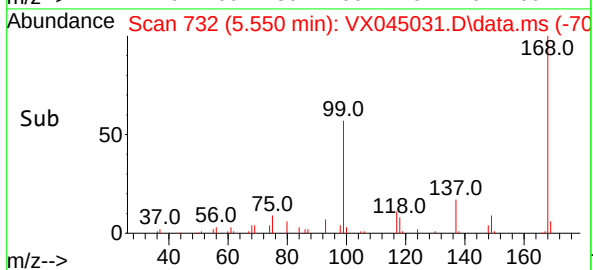
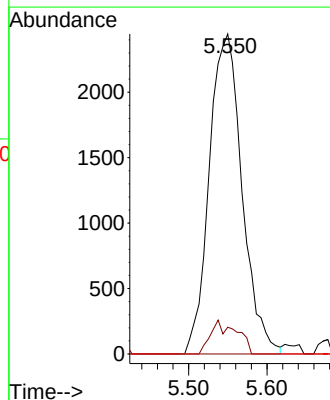
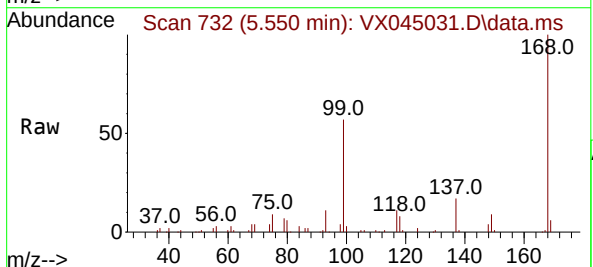
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBL01

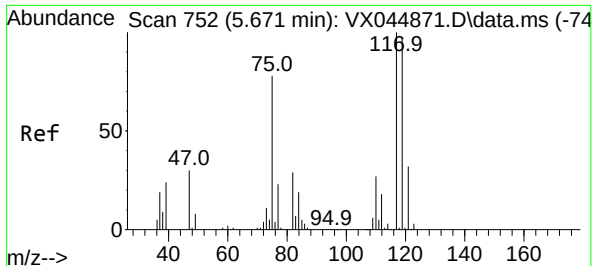
Tgt Ion:113 Resp: 52139
Ion Ratio Lower Upper
113 100
111 101.9 83.5 125.3
192 17.6 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

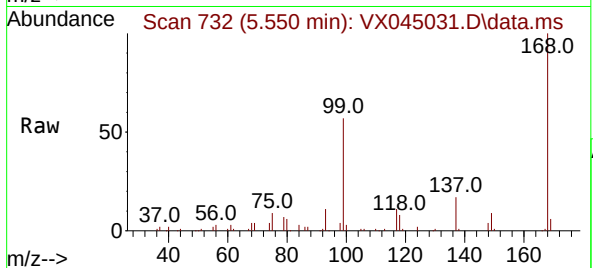
Tgt Ion: 75 Resp: 7120
Ion Ratio Lower Upper
75 100
110 8.4 17.2 51.6#
77 0.0 24.6 37.0#



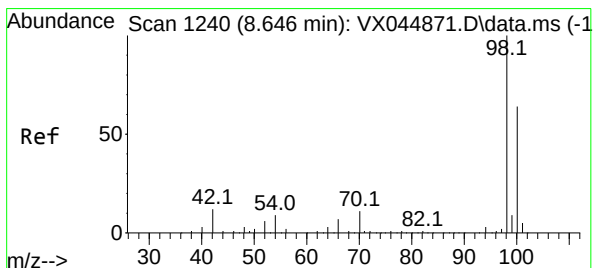
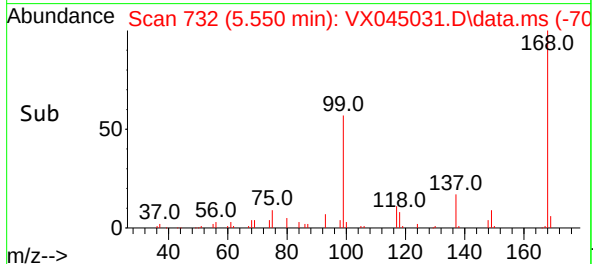
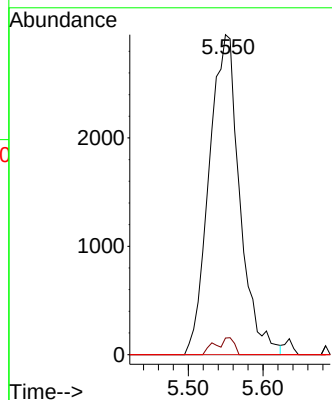


#38
Carbon Tetrachloride
Concen: 5.742 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBL01

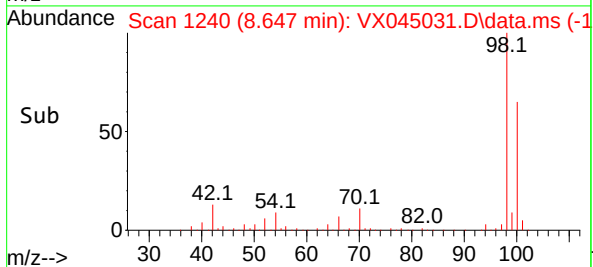
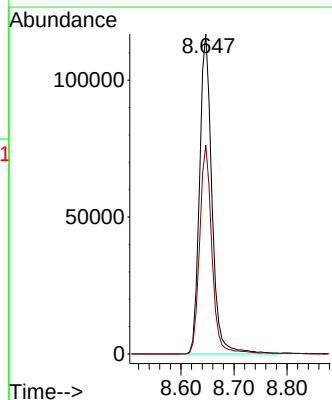
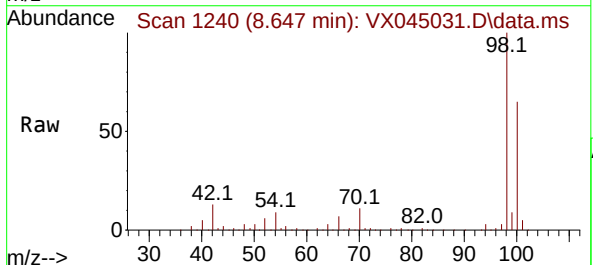


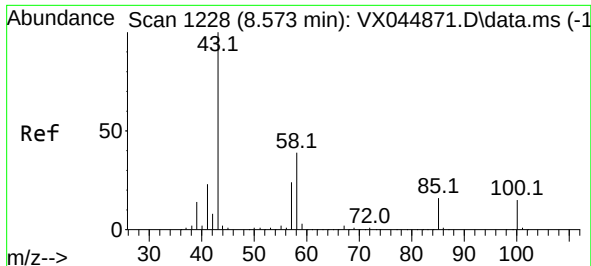
Tgt Ion:117 Resp: 8411
Ion Ratio Lower Upper
117 100
119 5.2 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 48.393 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 98 Resp: 189606
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

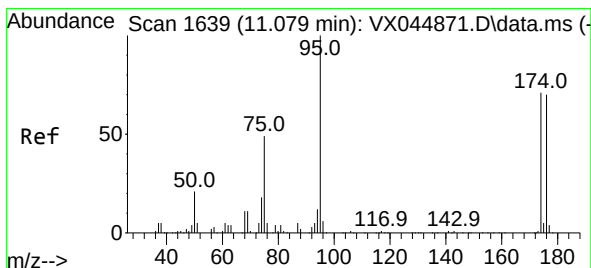
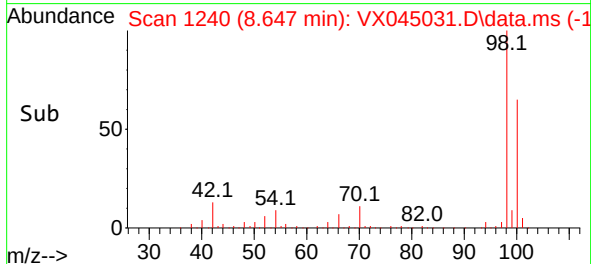
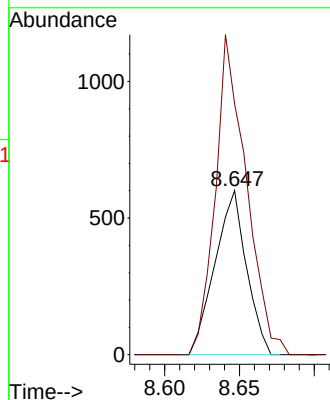
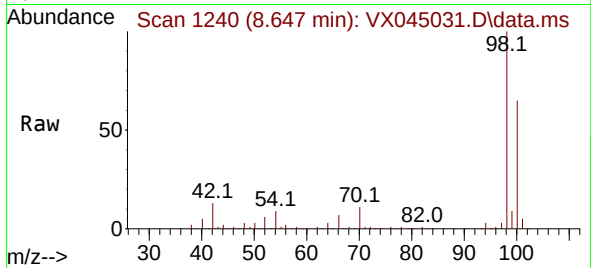




#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

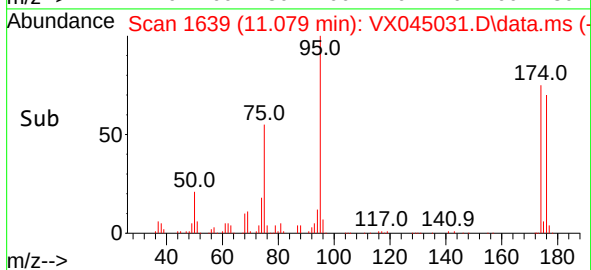
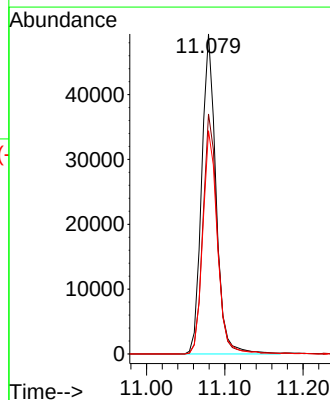
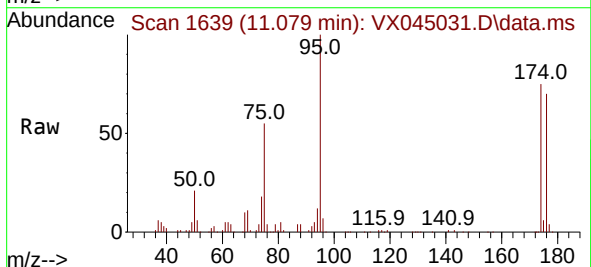
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBL01

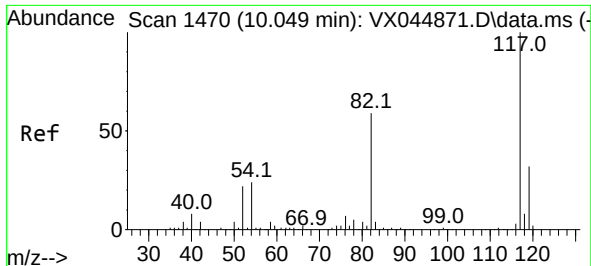
Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
58 191.3 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 47.524 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 95 Resp: 62773
Ion Ratio Lower Upper
95 100
174 75.6 0.0 142.6
176 71.2 0.0 141.6

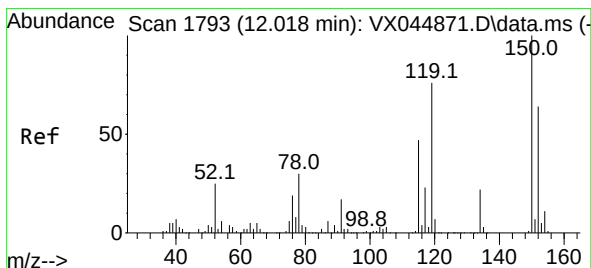
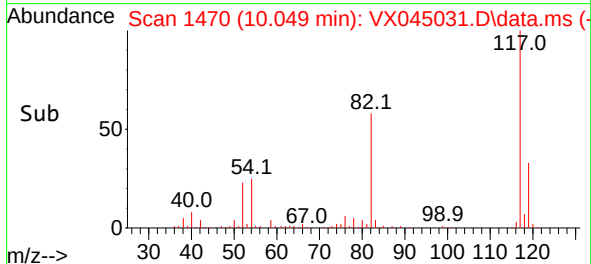
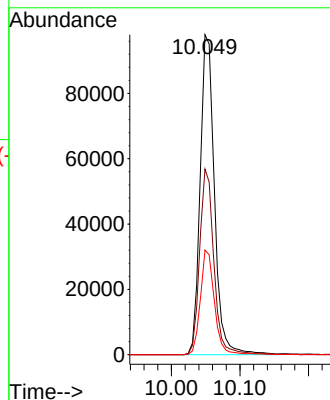
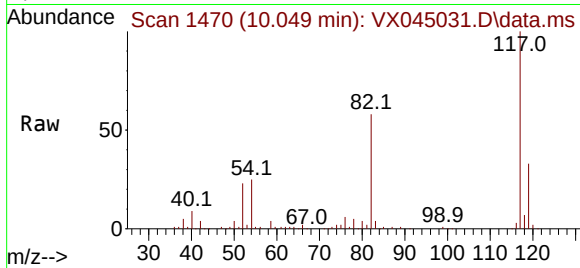




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

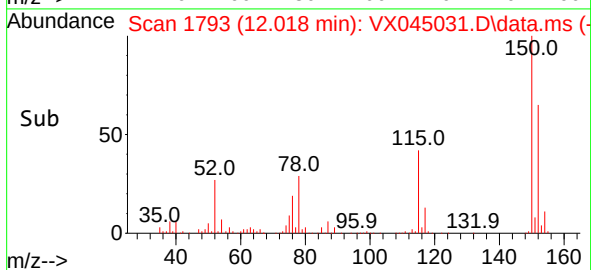
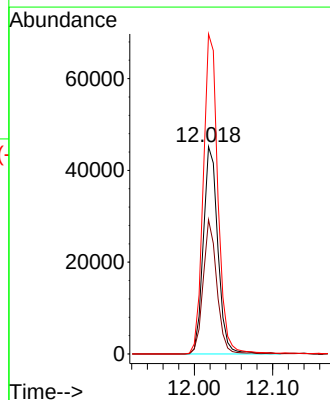
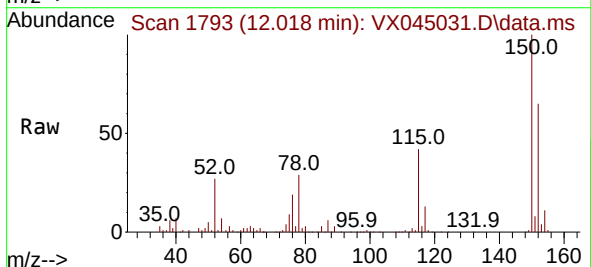
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBL01

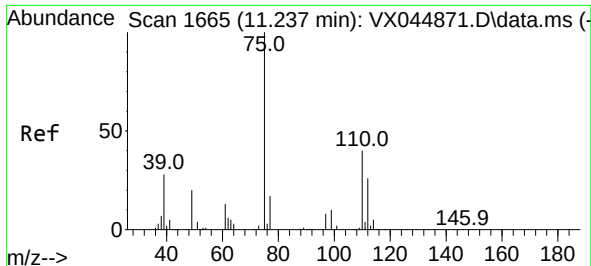
Tgt Ion:117 Resp: 142850
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

Tgt Ion:152 Resp: 58355
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.1
150 155.0 0.0 350.4

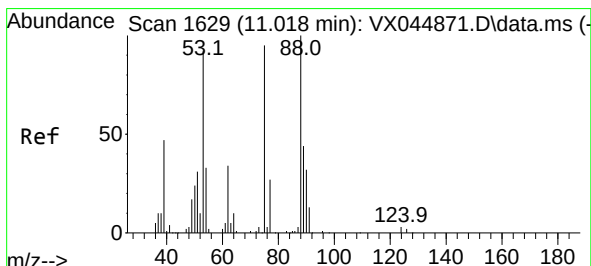
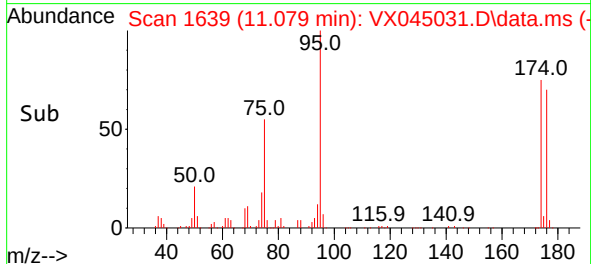
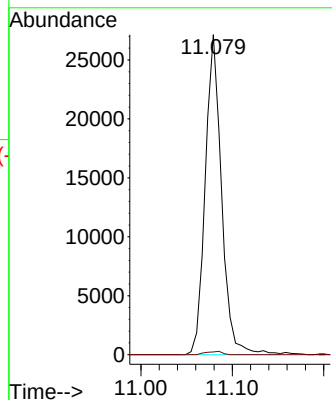
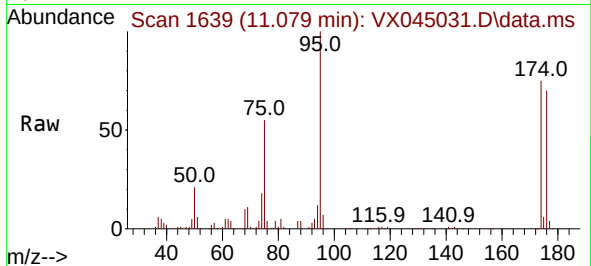




#76
1,2,3-Trichloropropane
Concen: 25.948 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX0225WBL01

Tgt Ion: 75 Resp: 33572
Ion Ratio Lower Upper
75 100
77 1.0 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.748 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045031.D
Acq: 25 Feb 2025 12:07

Tgt Ion: 75 Resp: 33572
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

