

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045160.D
 Acq On : 06 Mar 2025 12:00
 Operator : JC/MD
 Sample : Q1501-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16B-87.5-030425-FD

Quant Time: Mar 07 00:39:30 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)

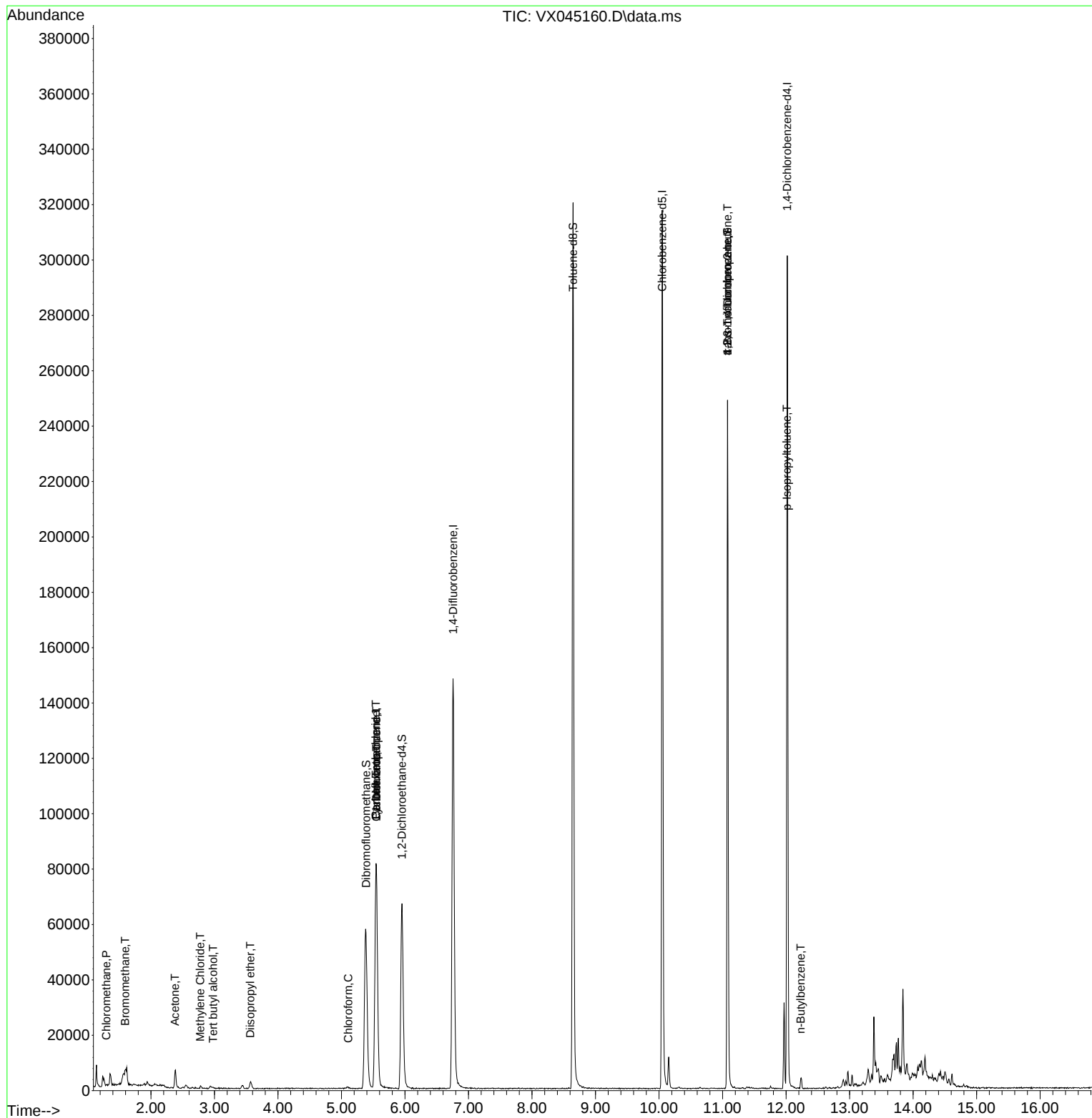
Internal Standards						
1) Pentafluorobenzene	5.544	168	75969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62783	51.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.920%	
35) Dibromofluoromethane	5.385	113	51551	51.314	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	8.647	98	190091	52.193	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	11.079	95	64236	53.225	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	515	0.440	ug/l #	75
5) Bromomethane	1.593	94	111	0.243	ug/l #	3
11) Tert butyl alcohol	2.977	59	366	1.599	ug/l #	73
16) Acetone	2.380	43	7022	12.525	ug/l #	88
20) Methylene Chloride	2.776	84	444	0.400	ug/l #	65
22) Diisopropyl ether	3.562	45	1351	0.400	ug/l #	5
30) Chloroform	5.105	83	755	0.401	ug/l #	80
31) Cyclohexane	5.550	56	2046	1.244	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	6887	4.999	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8053	5.757	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	34776	25.284	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34776	86.528	ug/l #	6
86) p-Isopropyltoluene	12.012	119	866	0.233	ug/l #	61
89) n-Butylbenzene	12.232	91	647	0.203	ug/l	77

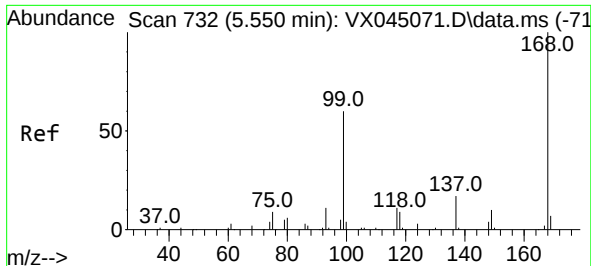
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045160.D
Acq On : 06 Mar 2025 12:00
Operator : JC/MD
Sample : Q1501-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-030425-FD

Quant Time: Mar 07 00:39:30 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

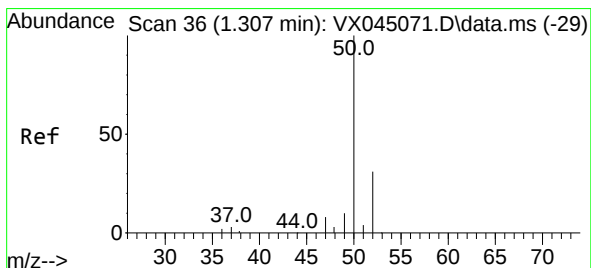
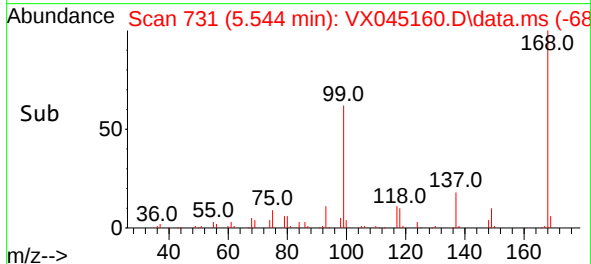
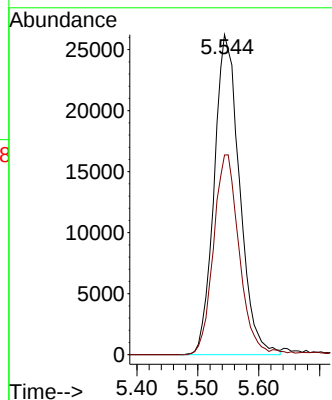
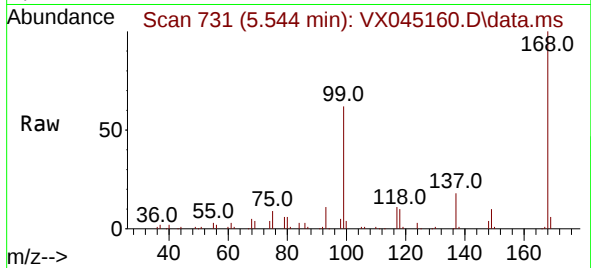




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

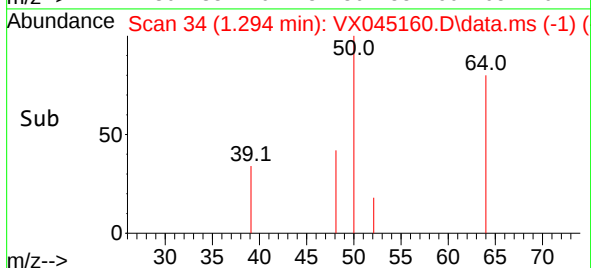
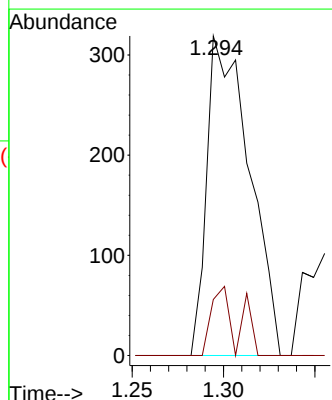
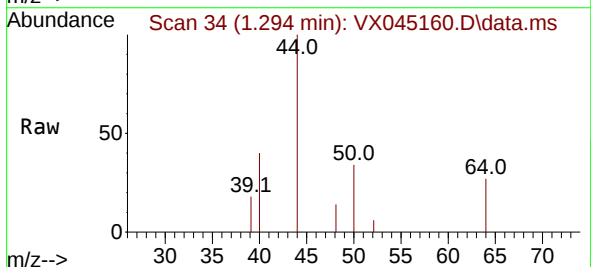
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-030425-FD

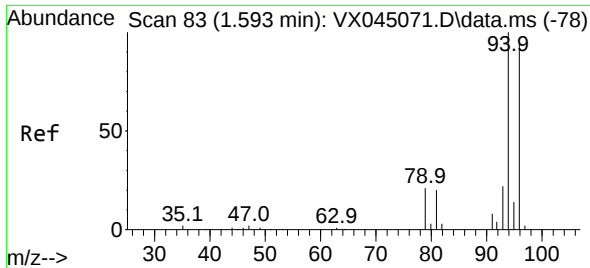
Tgt Ion:168 Resp: 75969
Ion Ratio Lower Upper
168 100
99 62.4 48.2 72.4



#3
Chloromethane
Concen: 0.440 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 17.6 25.0 37.4#

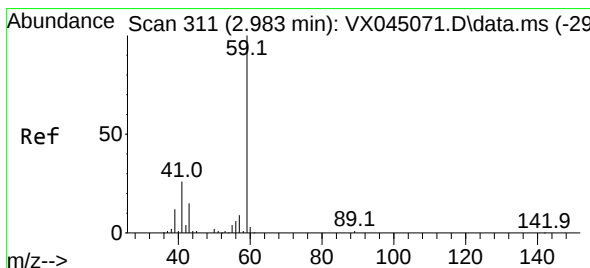
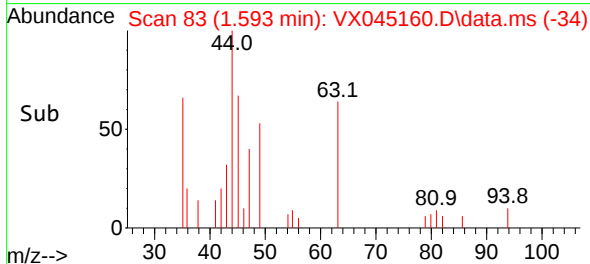
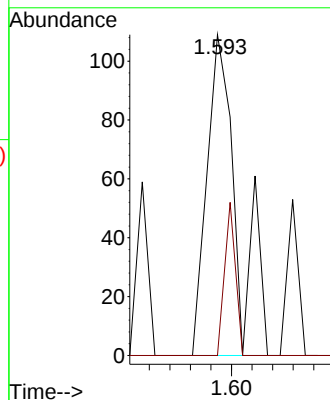
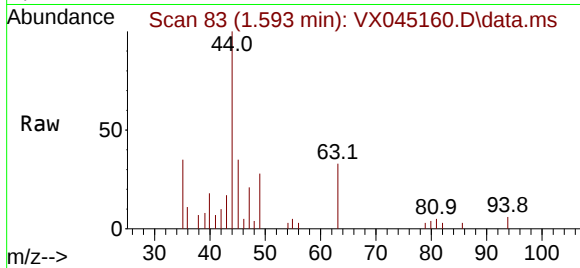




#5
Bromomethane
Concen: 0.243 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

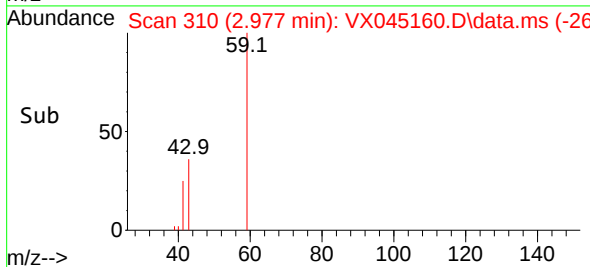
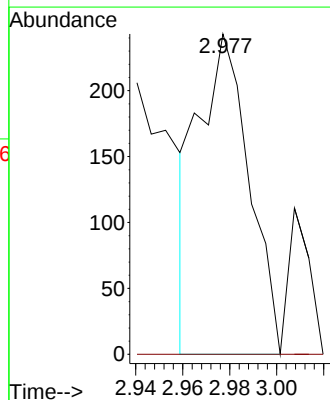
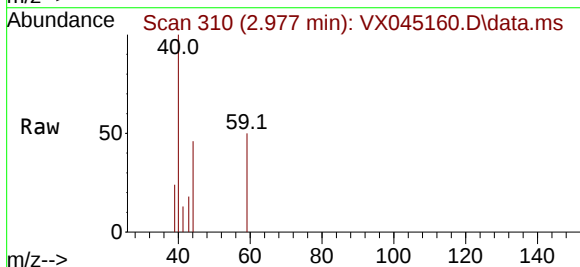
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-030425-FD

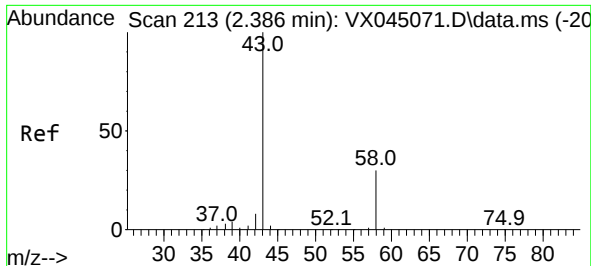
Tgt Ion: 94 Resp: 111
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#



#11
Tert butyl alcohol
Concen: 1.599 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

Tgt Ion: 59 Resp: 366
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 12.525 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX045160.D

Acq: 06 Mar 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

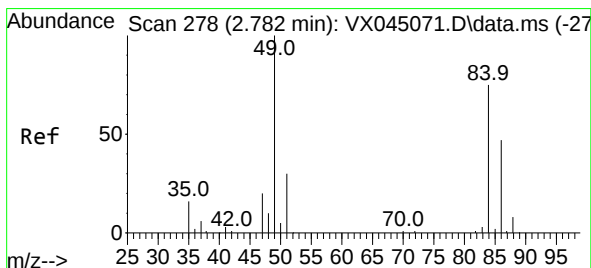
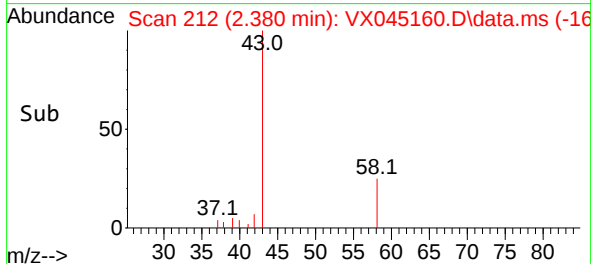
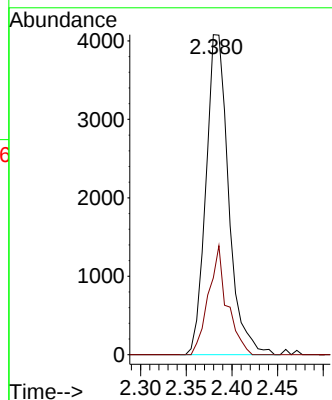
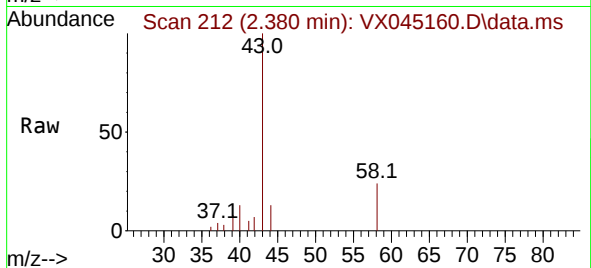
MW-16B-87.5-030425-FD

Tgt Ion: 43 Resp: 7022

Ion Ratio Lower Upper

43 100

58 24.0 24.2 36.4#



#20

Methylene Chloride

Concen: 0.400 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.006 min

Lab File: VX045160.D

Acq: 06 Mar 2025 12:00

Tgt Ion: 84 Resp: 444

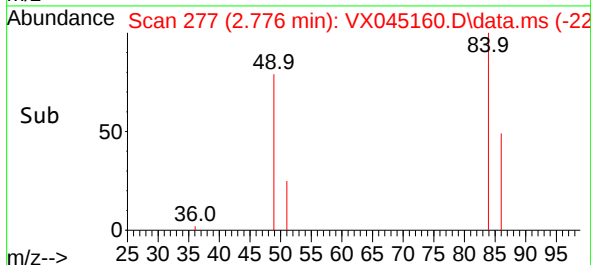
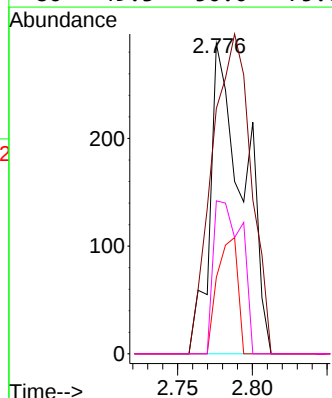
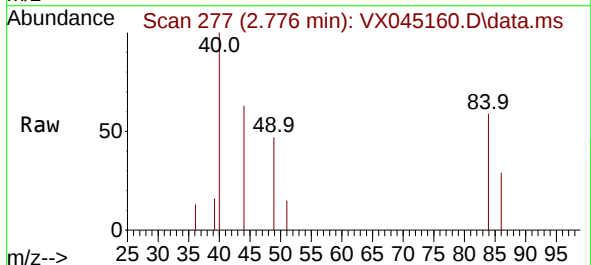
Ion Ratio Lower Upper

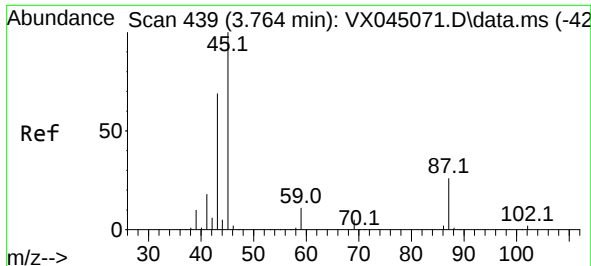
84 100

49 79.2 106.5 159.7#

51 24.7 32.1 48.1#

86 49.3 50.0 75.0#

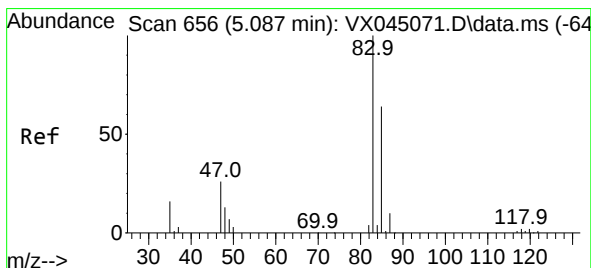
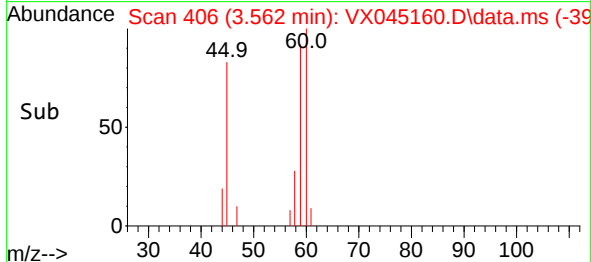
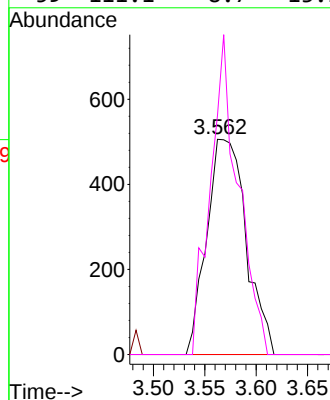
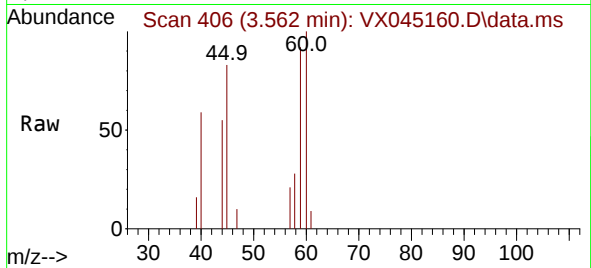




#22
Diisopropyl ether
Concen: 0.400 ug/l
RT: 3.562 min Scan# 406
Delta R.T. -0.201 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

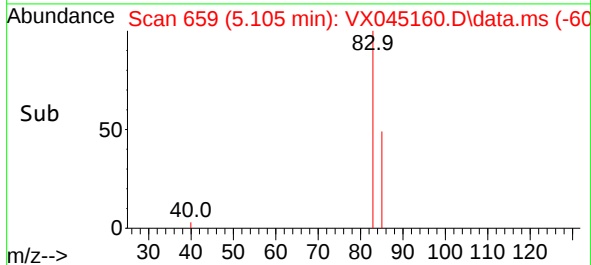
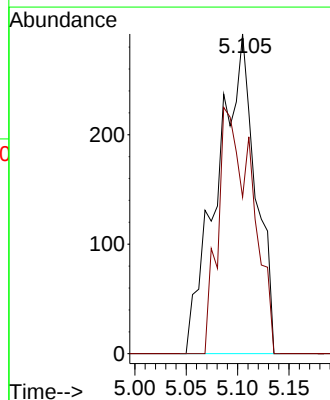
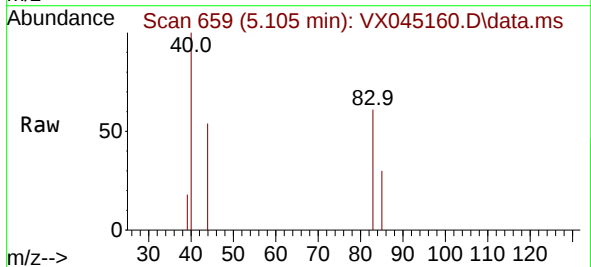
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-030425-FD

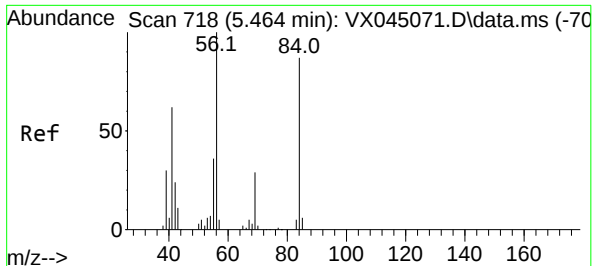
Tgt Ion:	45	Resp:	1351
Ion	Ratio	Lower	Upper
45	100		
43	0.0	54.9	82.3#
87	0.0	21.0	31.4#
59	111.1	8.7	13.1#



#30
Chloroform
Concen: 0.401 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.018 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

Tgt Ion:	83	Resp:	755
Ion	Ratio	Lower	Upper
83	100		
85	49.0	51.4	77.2#

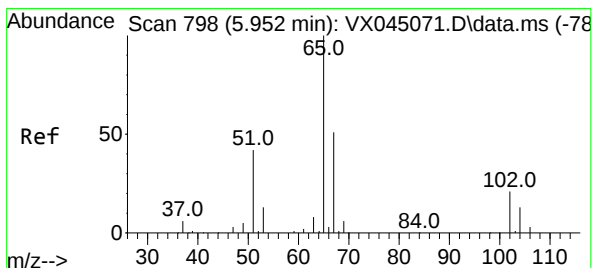
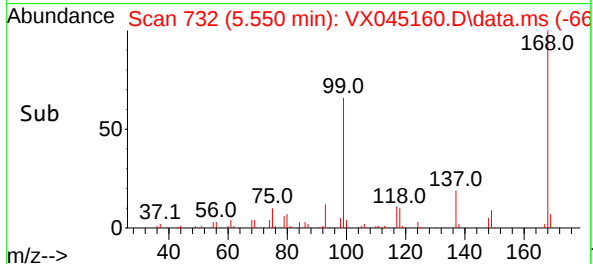
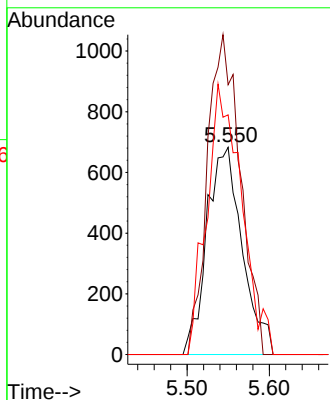
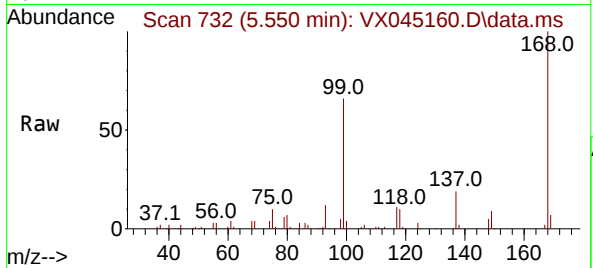




#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

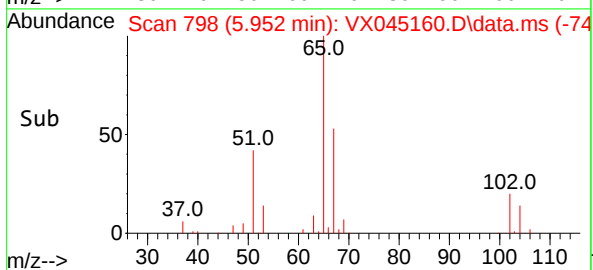
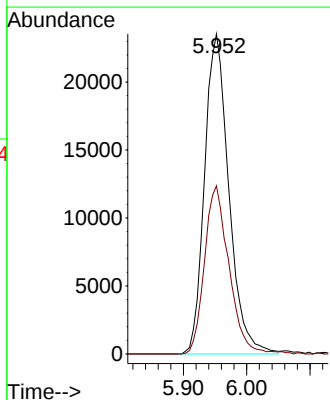
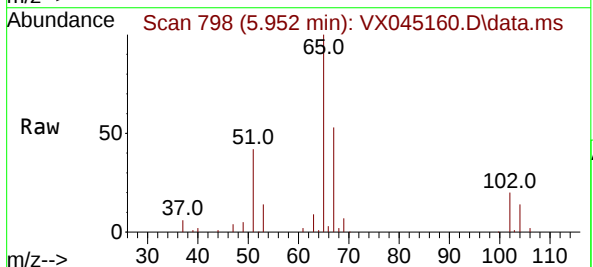
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-030425-FD

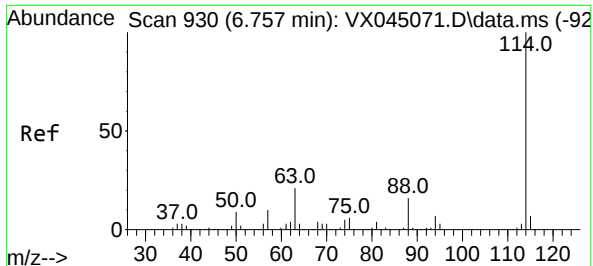
Tgt Ion: 56 Resp: 2046
Ion Ratio Lower Upper
56 100
69 130.2 23.4 35.2#
84 115.7 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 51.956 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

Tgt Ion: 65 Resp: 62783
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.2

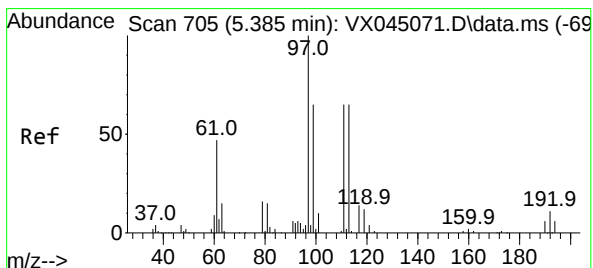
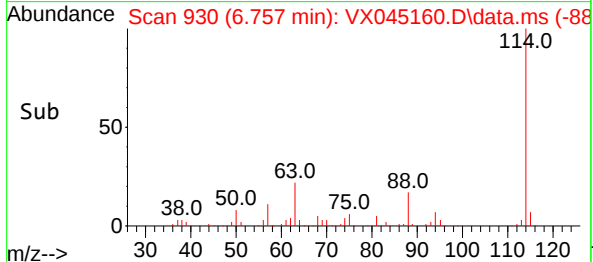
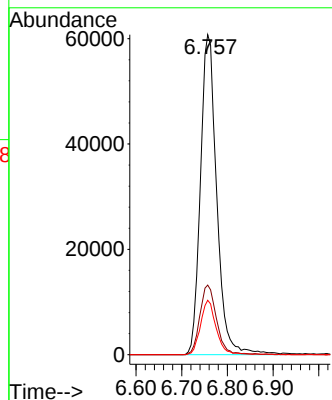
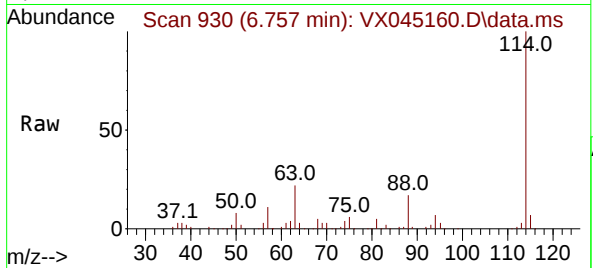




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

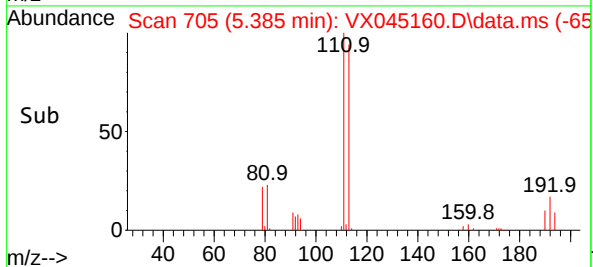
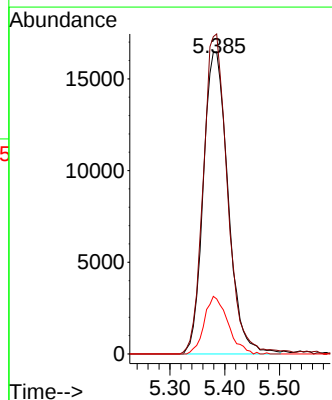
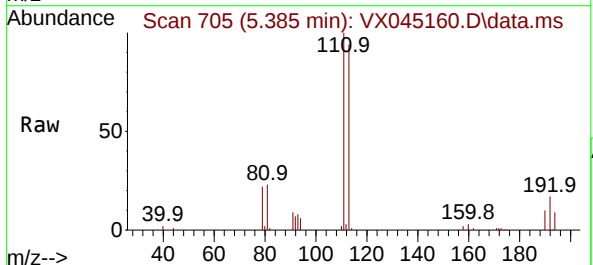
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-030425-FD

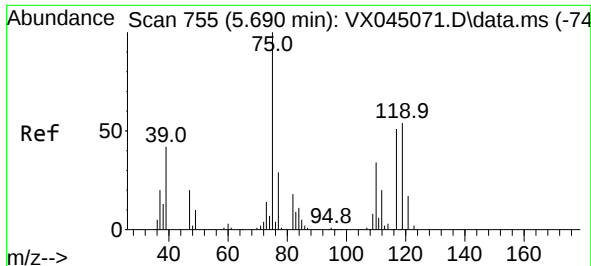
Tgt Ion:114 Resp: 150240
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.314 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

Tgt Ion:113 Resp: 51551
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 18.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.999 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045160.D

Acq: 06 Mar 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

MW-16B-87.5-030425-FD

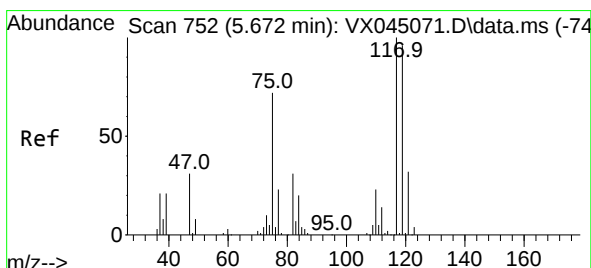
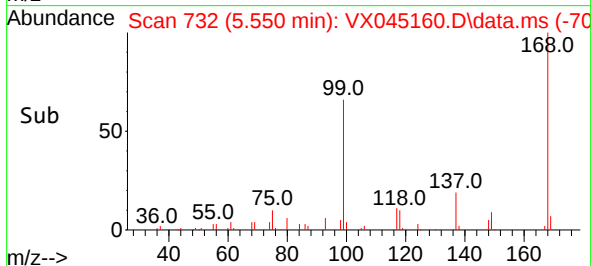
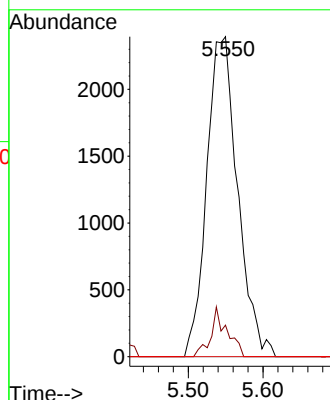
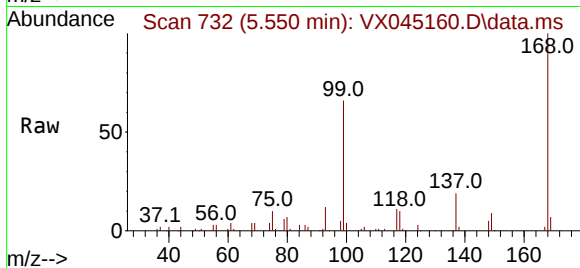
Tgt Ion: 75 Resp: 6887

Ion Ratio Lower Upper

75 100

110 8.2 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.757 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045160.D

Acq: 06 Mar 2025 12:00

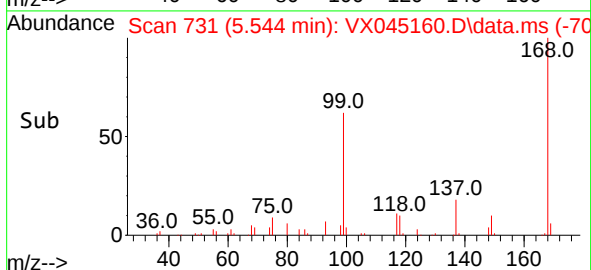
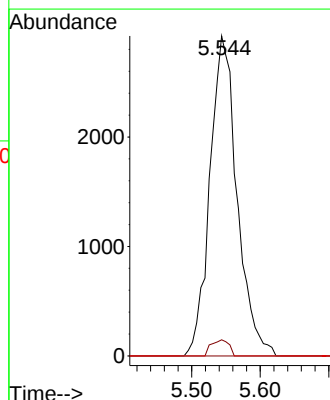
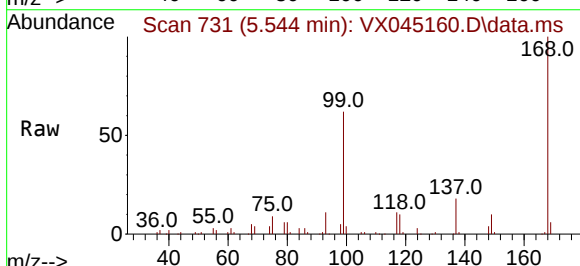
Tgt Ion: 117 Resp: 8053

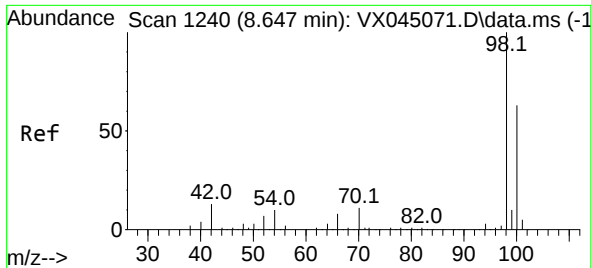
Ion Ratio Lower Upper

117 100

119 5.1 76.7 115.1#

121 0.0 25.5 38.3#

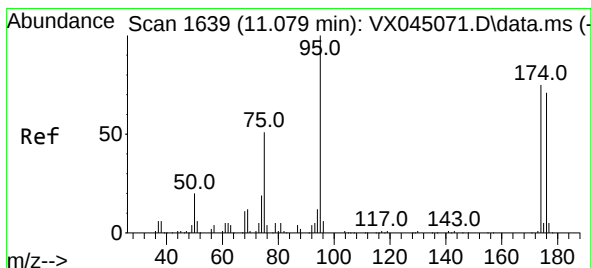
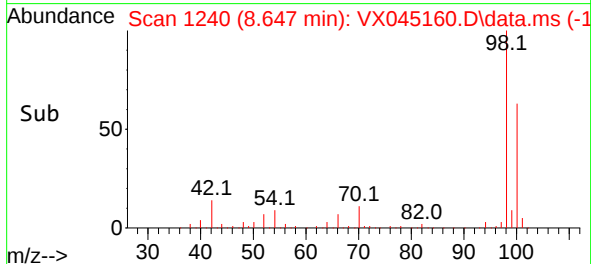
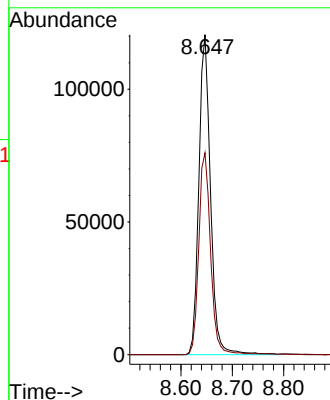
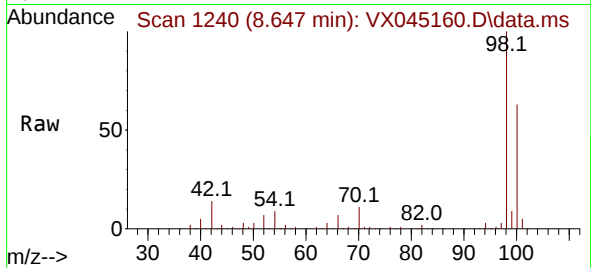




#50
Toluene-d8
Concen: 52.193 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

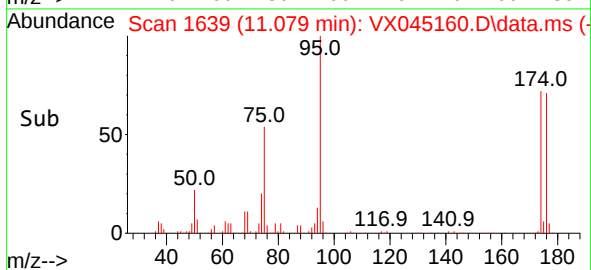
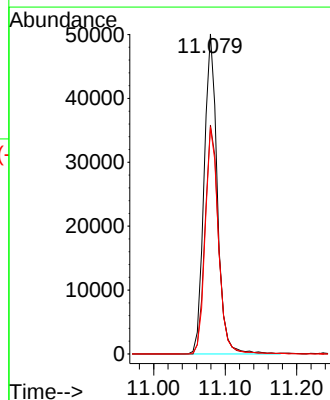
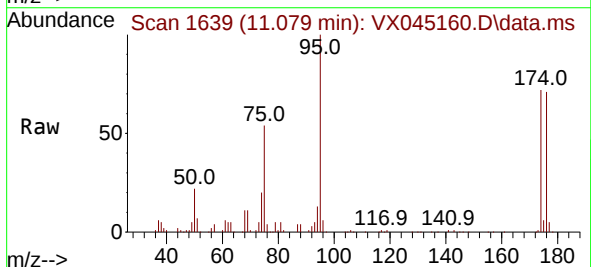
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-030425-FD

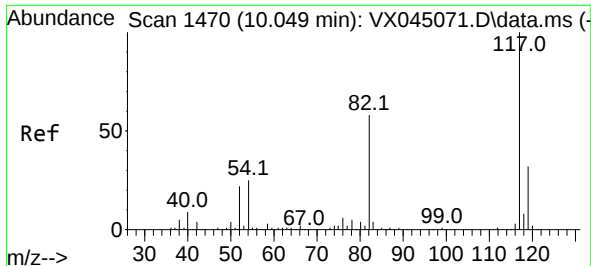
Tgt Ion: 98 Resp: 190091
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

Tgt Ion: 95 Resp: 64236
Ion Ratio Lower Upper
95 100
174 72.9 0.0 148.2
176 71.2 0.0 141.4

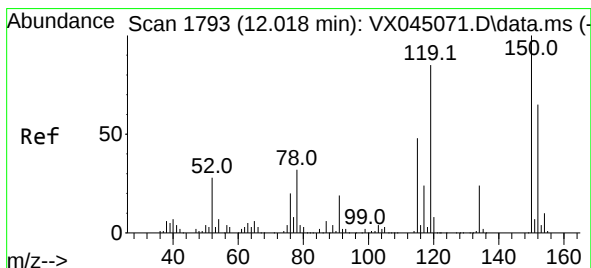
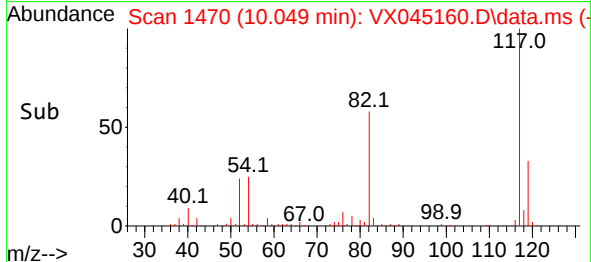
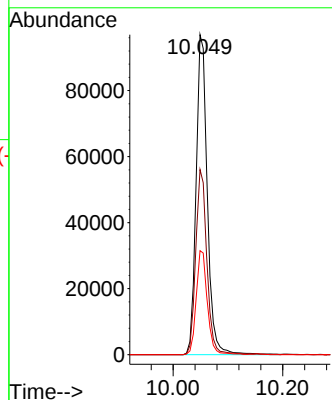
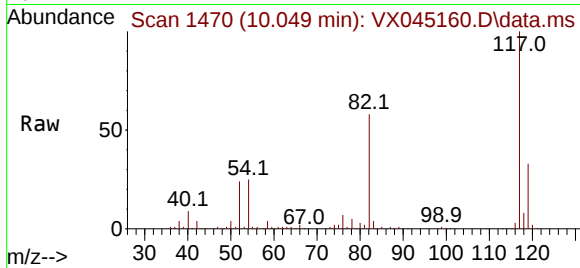




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

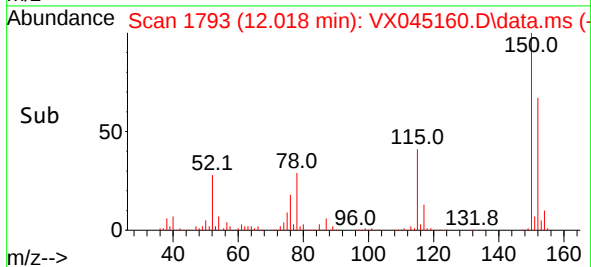
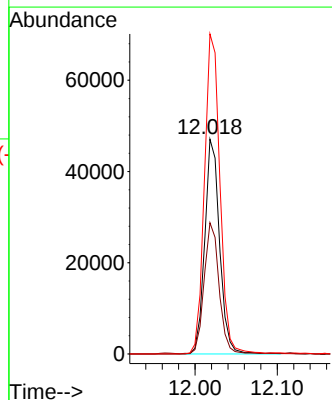
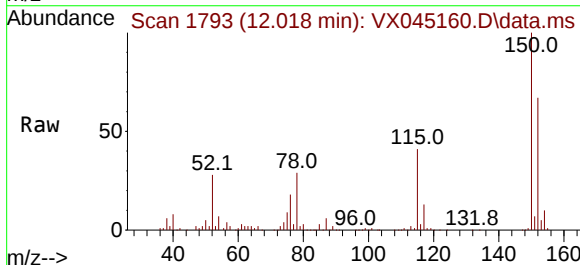
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-030425-FD

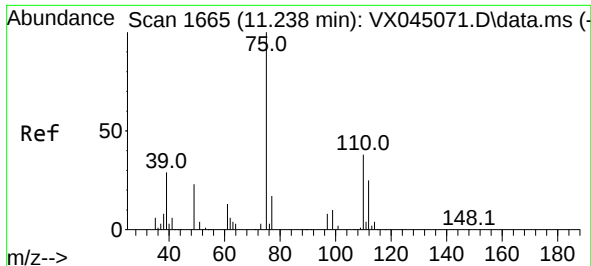
Tgt Ion:117 Resp: 138477
Ion Ratio Lower Upper
117 100
82 57.8 46.3 69.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

Tgt Ion:152 Resp: 59093
Ion Ratio Lower Upper
152 100
115 62.1 44.2 132.6
150 155.0 0.0 349.0

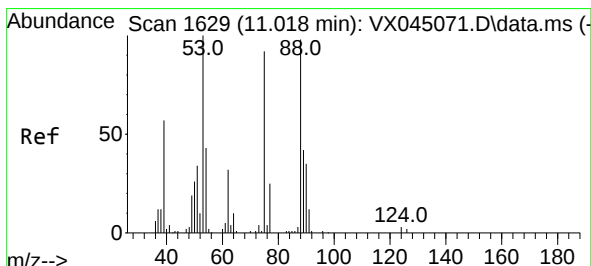
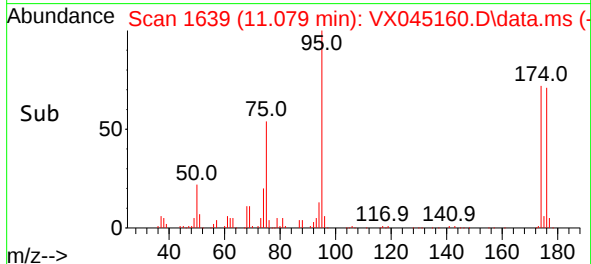
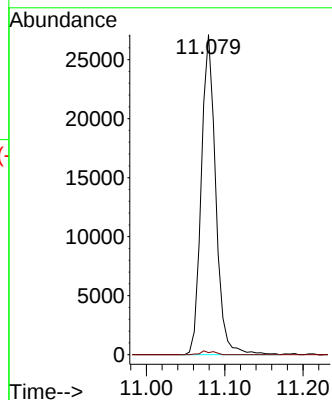
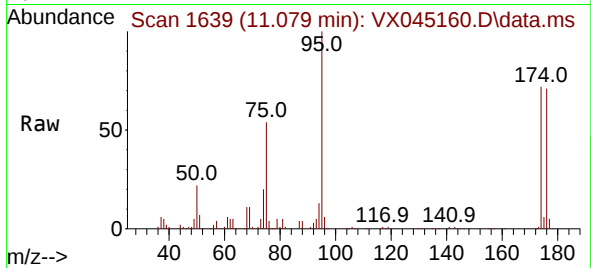




#76
1,2,3-Trichloropropane
Concen: 25.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

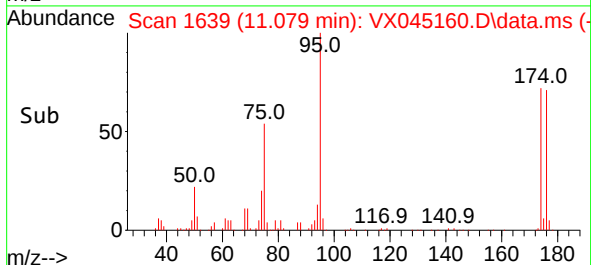
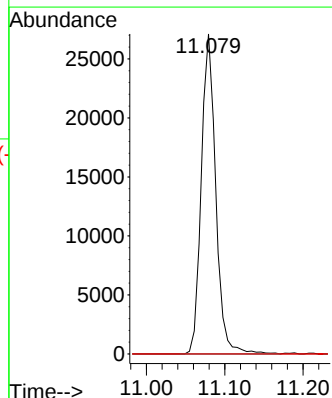
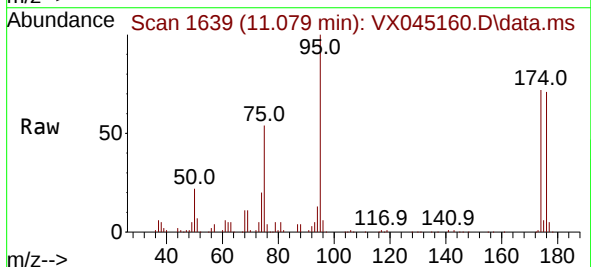
Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-030425-FD

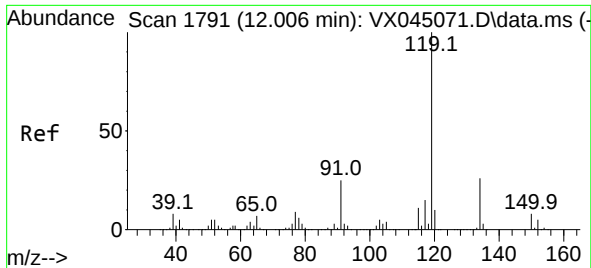
Tgt Ion: 75 Resp: 34776
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.528 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

Tgt Ion: 75 Resp: 34776
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

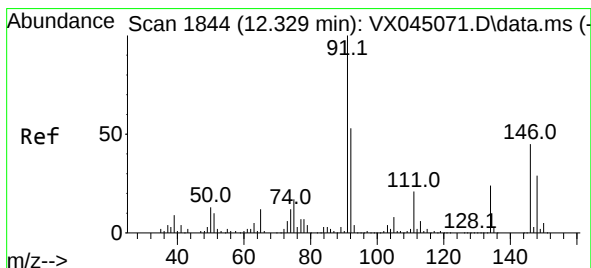
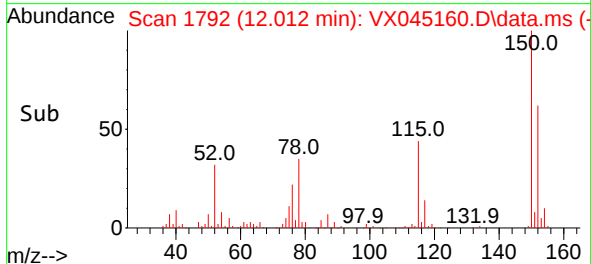
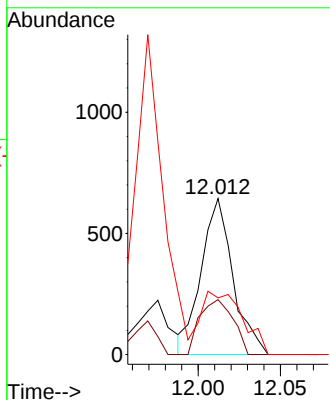
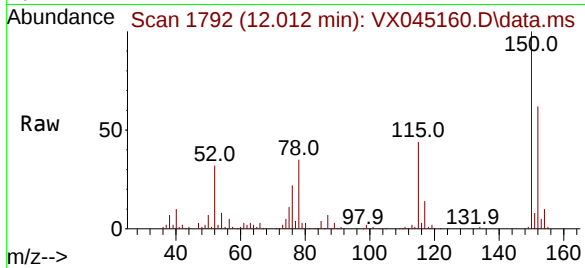




#86
p-Isopropyltoluene
Concen: 0.233 ug/l
RT: 12.012 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-030425-FD

Tgt Ion:119 Resp: 866
Ion Ratio Lower Upper
119 100
134 36.8 12.9 38.6
91 53.6 12.7 38.0#



#89
n-Butylbenzene
Concen: 0.203 ug/l
RT: 12.232 min Scan# 1828
Delta R.T. -0.098 min
Lab File: VX045160.D
Acq: 06 Mar 2025 12:00

Tgt Ion: 91 Resp: 647
Ion Ratio Lower Upper
91 100
92 32.6 26.7 80.0
134 19.5 12.2 36.6

