

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045188.D
 Acq On : 10 Mar 2025 12:10
 Operator : JC/MD
 Sample : Q1500-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 03:53:01 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)

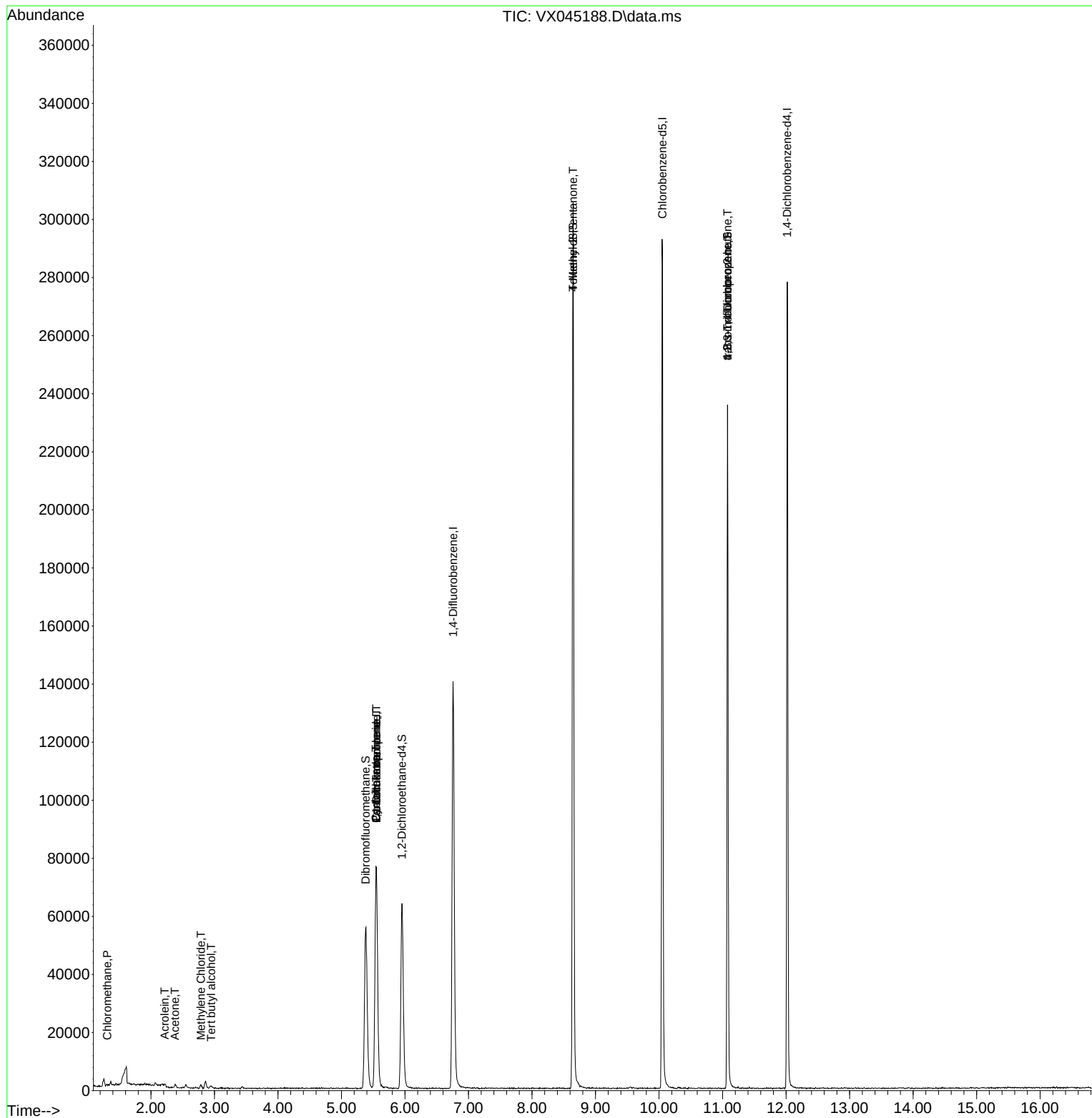
Internal Standards						
1) Pentafluorobenzene	5.550	168	71688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61822	54.215	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.440%	
35) Dibromofluoromethane	5.379	113	50006	52.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.720%	
50) Toluene-d8	8.647	98	177385	51.717	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	11.079	95	60260	53.019	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	526	0.476	ug/l	92
11) Tert butyl alcohol	2.947	59	466	2.157	ug/l #	73
13) Acrolein	2.215	56	64	0.256	ug/l	90
16) Acetone	2.380	43	1302	2.461	ug/l #	88
20) Methylene Chloride	2.788	84	535	0.510	ug/l #	81
31) Cyclohexane	5.544	56	1983	1.278	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6540	5.041	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7704	5.849	ug/l #	19
51) 4-Methyl-2-Pentanone	8.647	43	919	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32508	25.325	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32508	86.668	ug/l #	6

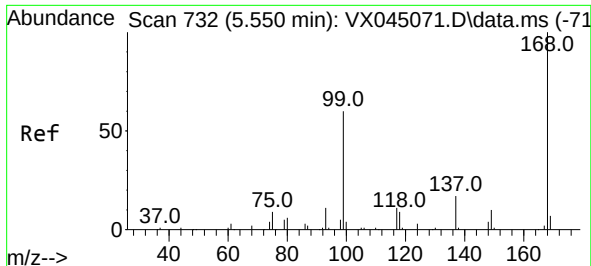
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
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MSVOA_X
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Quant Time: Mar 11 03:53:01 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

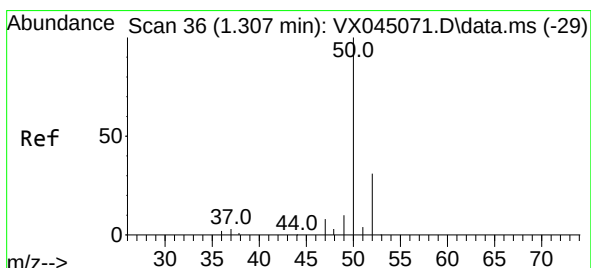
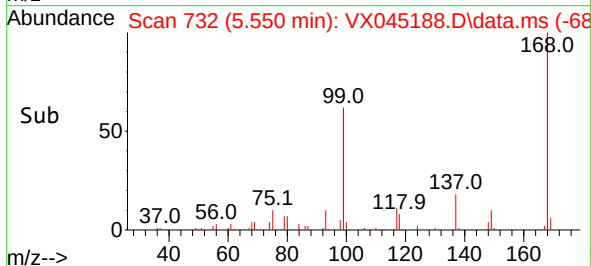
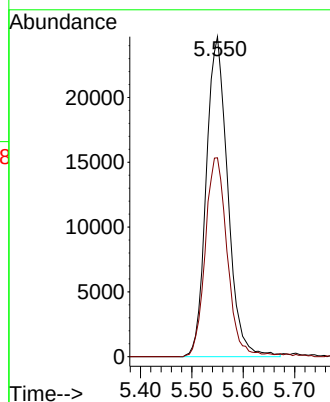
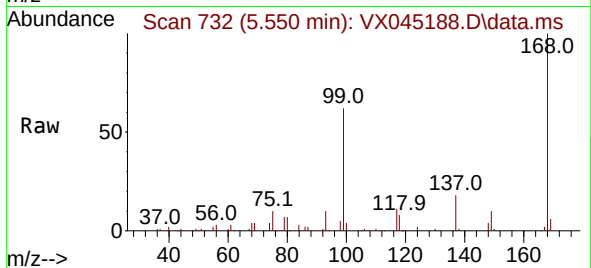




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

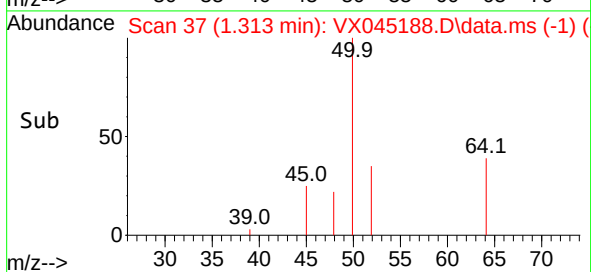
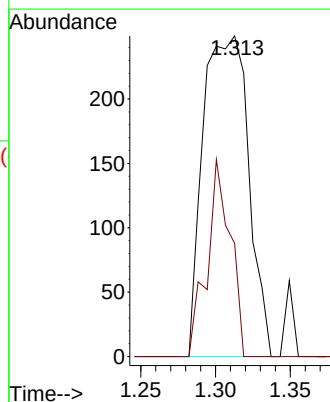
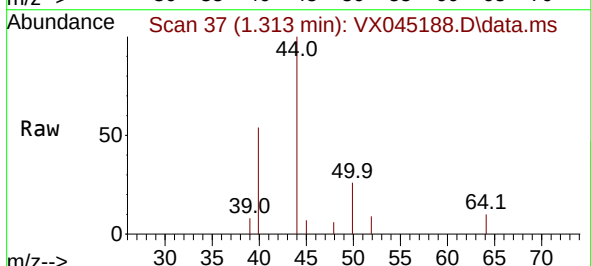
Instrument :
MSVOA_X
ClientSampleId :

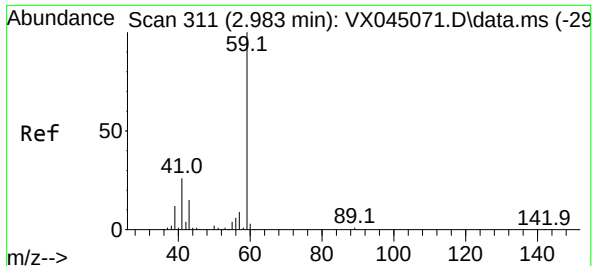
Tgt Ion:168 Resp: 71688
Ion Ratio Lower Upper
168 100
99 62.1 48.2 72.4



#3
Chloromethane
Concen: 0.476 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

Tgt Ion: 50 Resp: 526
Ion Ratio Lower Upper
50 100
52 35.3 25.0 37.4





#11

Tert butyl alcohol

Concen: 2.157 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX045188.D

Acq: 10 Mar 2025 12:10

Instrument :

MSVOA_X

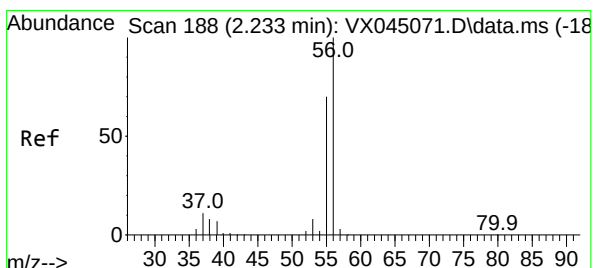
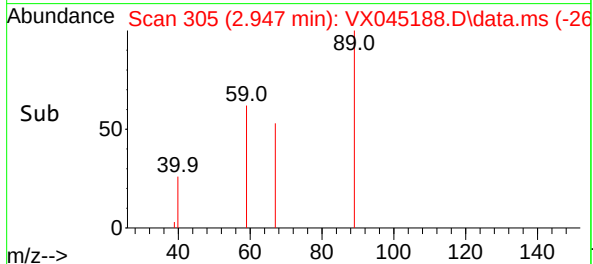
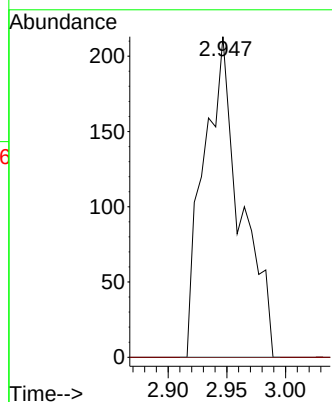
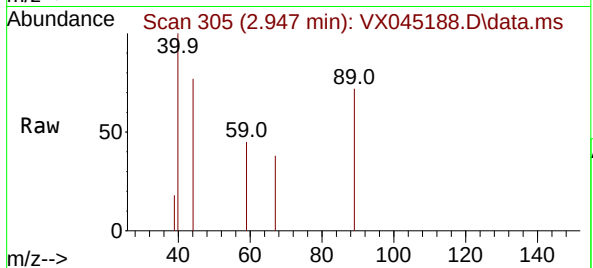
ClientSampleId :

Tgt Ion: 59 Resp: 466

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 0.256 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX045188.D

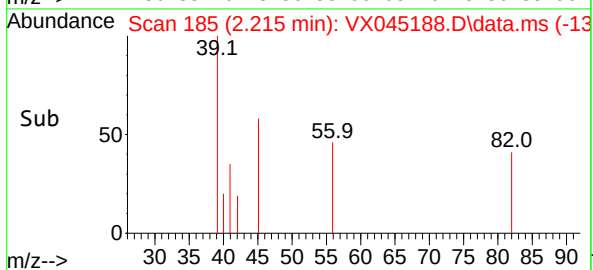
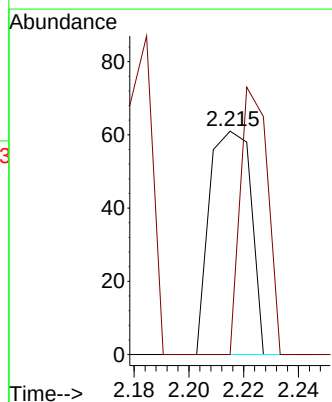
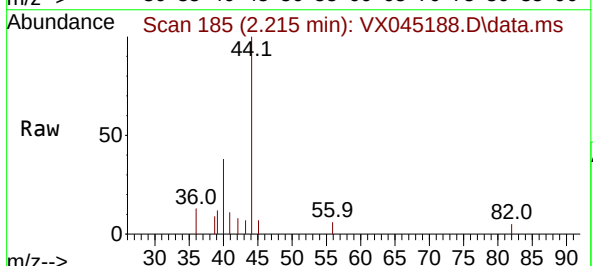
Acq: 10 Mar 2025 12:10

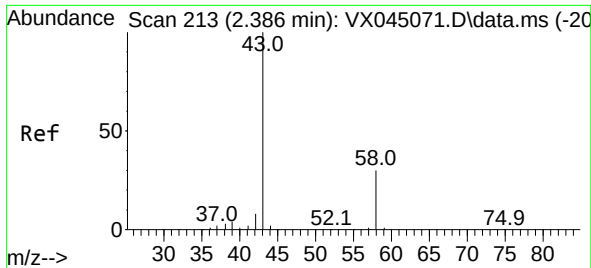
Tgt Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 78.1 56.2 84.4





#16

Acetone

Concen: 2.461 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX045188.D

Acq: 10 Mar 2025 12:10

Instrument :

MSVOA_X

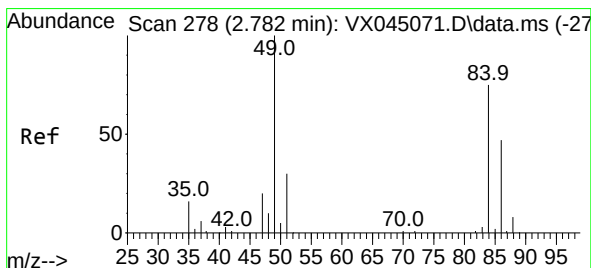
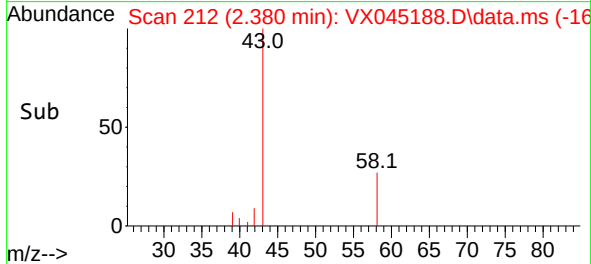
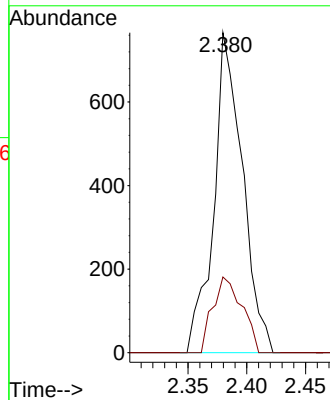
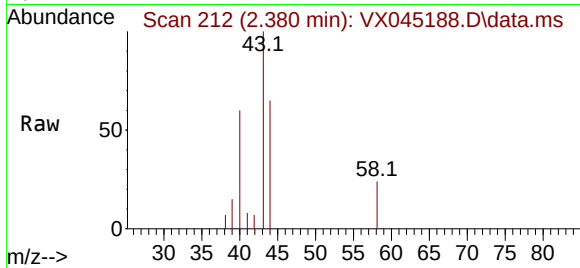
ClientSampleId :

Tgt Ion: 43 Resp: 1302

Ion Ratio Lower Upper

43 100

58 23.6 24.2 36.4#



#20

Methylene Chloride

Concen: 0.510 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX045188.D

Acq: 10 Mar 2025 12:10

Tgt Ion: 84 Resp: 535

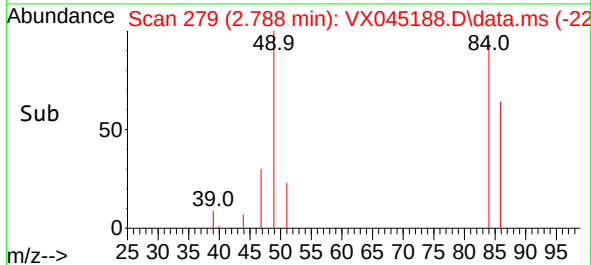
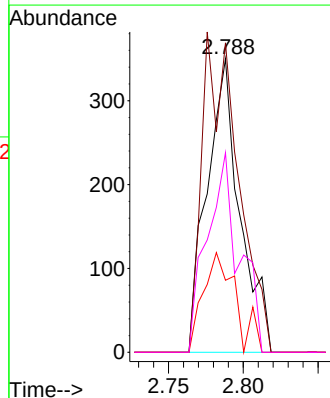
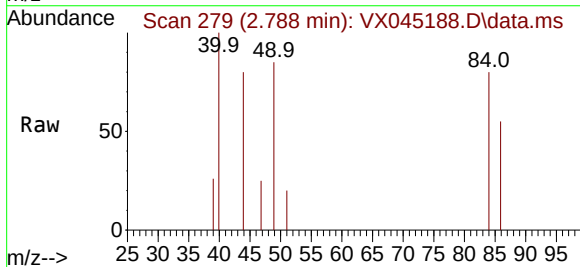
Ion Ratio Lower Upper

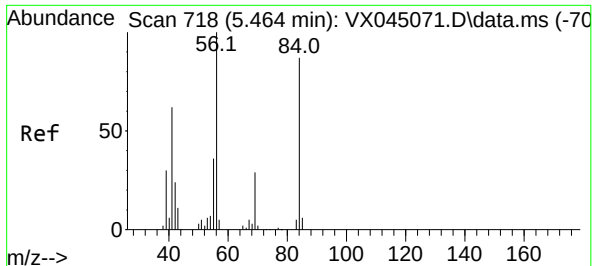
84 100

49 105.4 106.5 159.7#

51 24.6 32.1 48.1#

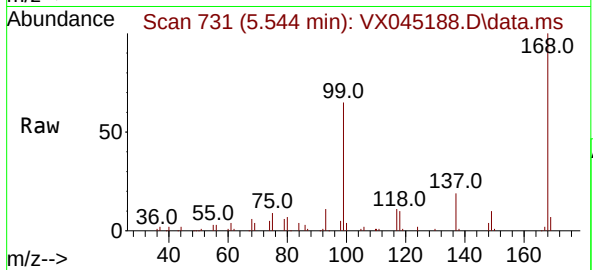
86 68.0 50.0 75.0



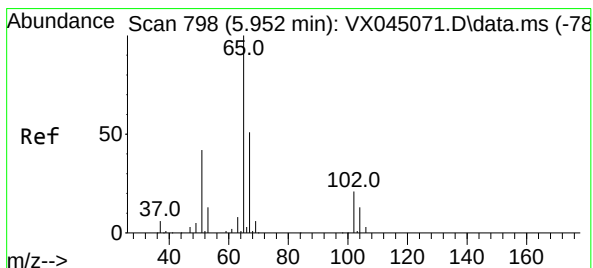
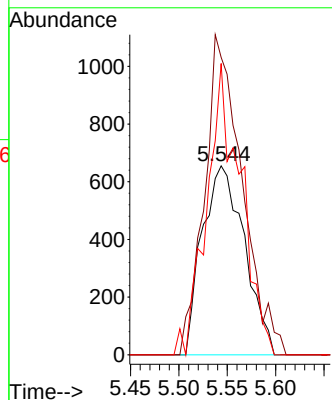
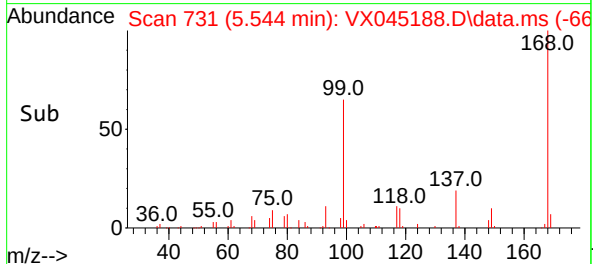


#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

Instrument :
MSVOA_X
ClientSampleId :

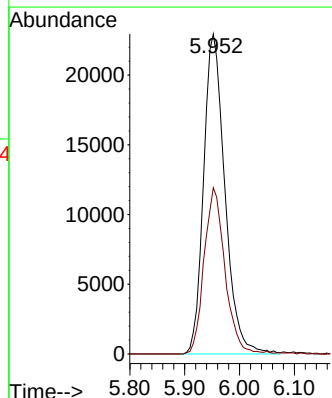
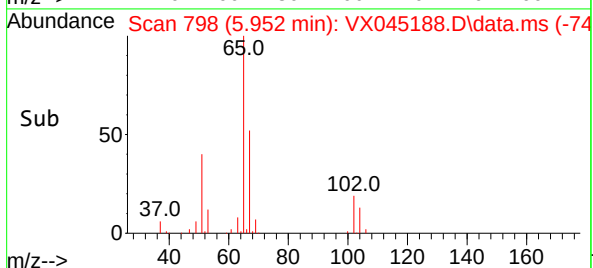
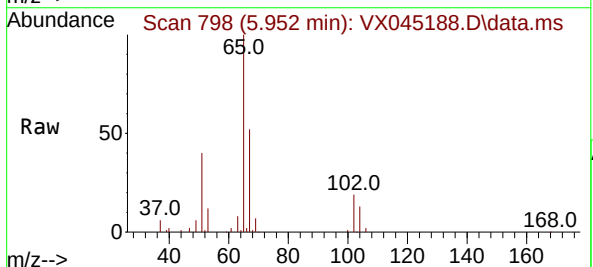


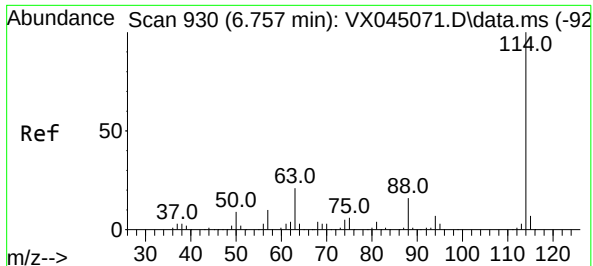
Tgt Ion: 56 Resp: 1983
Ion Ratio Lower Upper
56 100
69 157.4 23.4 35.2#
84 154.2 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 54.215 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

Tgt Ion: 65 Resp: 61822
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2

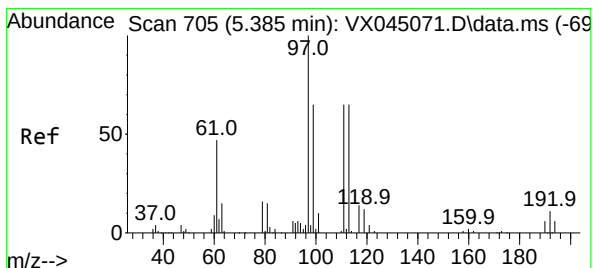
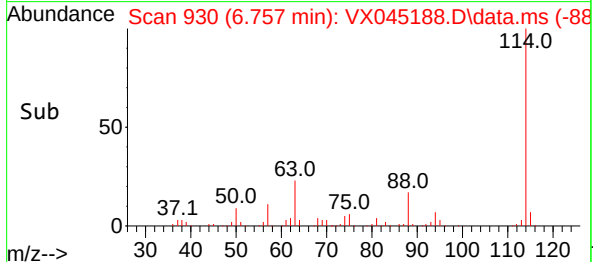
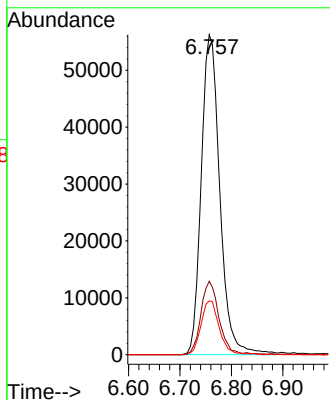
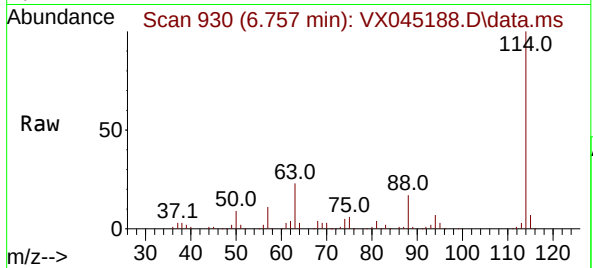




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

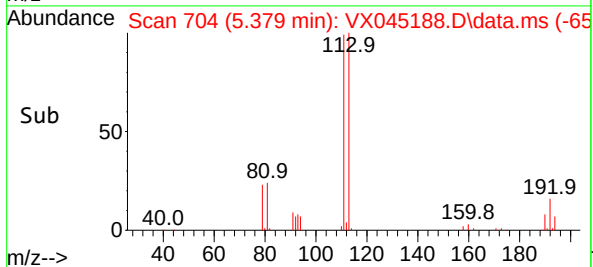
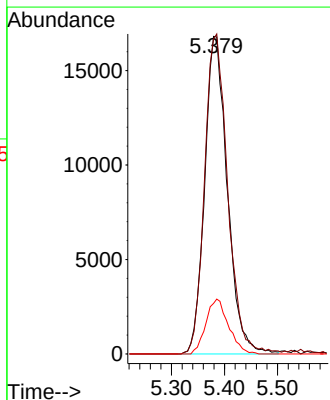
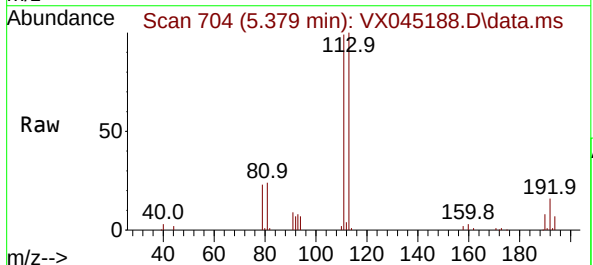
Instrument :
MSVOA_X
ClientSampleId :

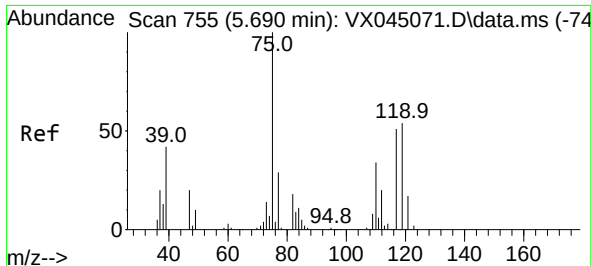
Tgt Ion:114 Resp: 141487
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.856 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

Tgt Ion:113 Resp: 50006
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 17.2 14.3 21.5

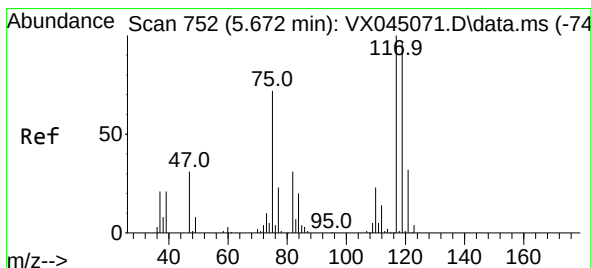
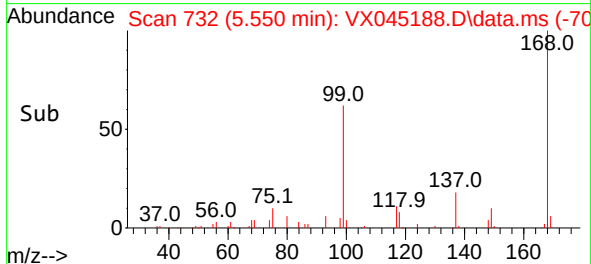
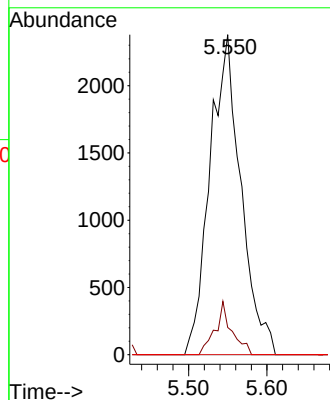
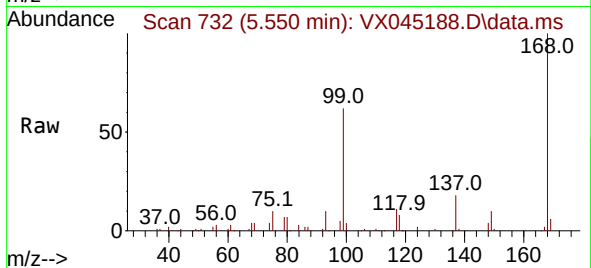




#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

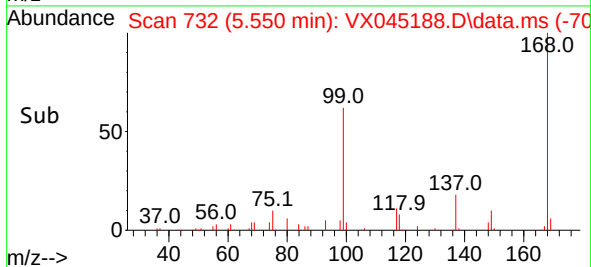
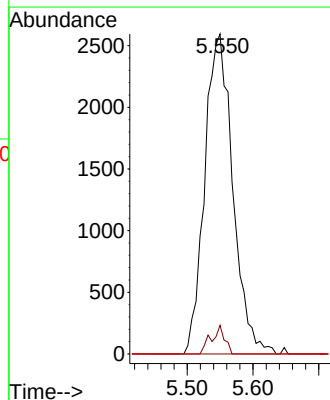
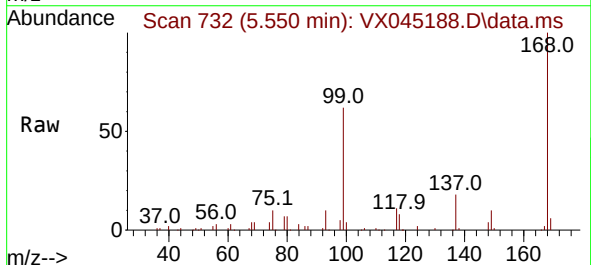
Instrument :
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ClientSampleId :

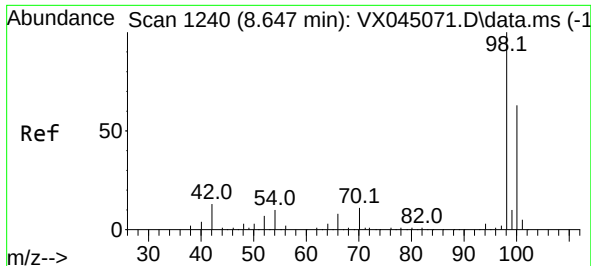
Tgt Ion: 75 Resp: 6540
Ion Ratio Lower Upper
75 100
110 8.9 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.849 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

Tgt Ion: 117 Resp: 7704
Ion Ratio Lower Upper
117 100
119 8.9 76.7 115.1#
121 0.0 25.5 38.3#

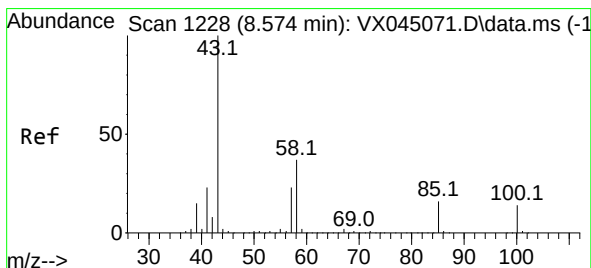
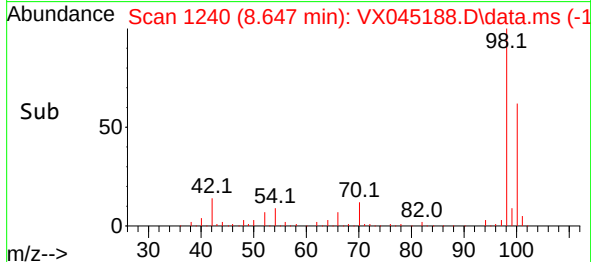
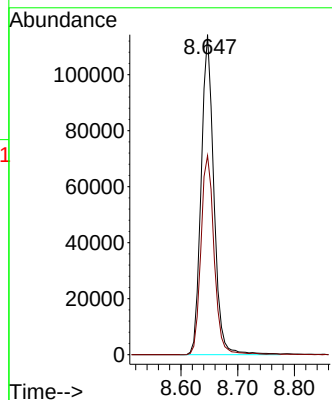
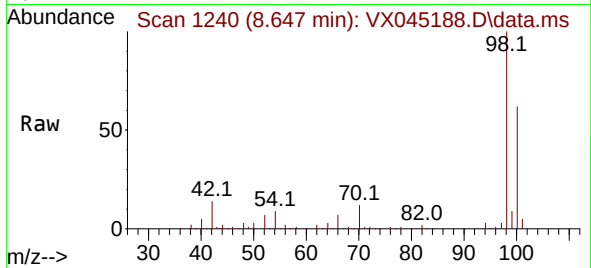




#50
Toluene-d8
Concen: 51.717 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

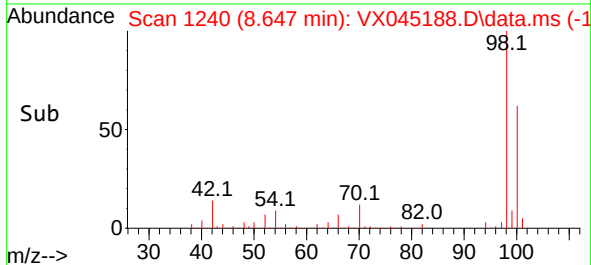
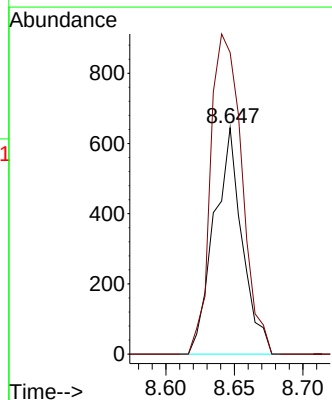
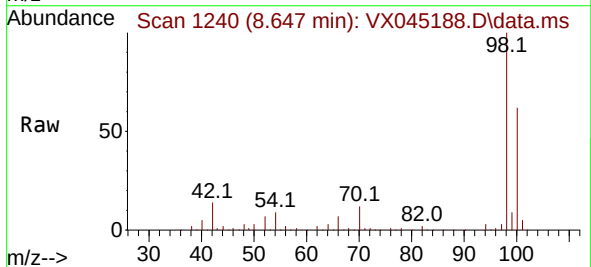
Instrument :
MSVOA_X
ClientSampleId :

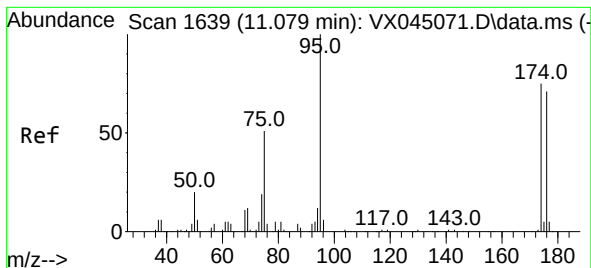
Tgt Ion: 98 Resp: 177385
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
58 157.7 29.2 43.8#

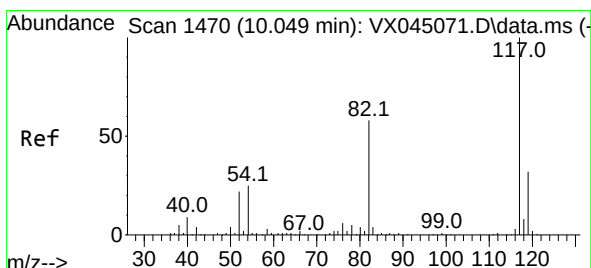
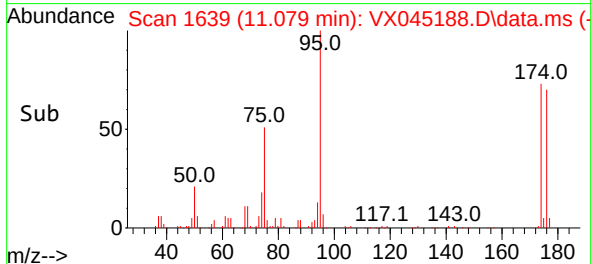
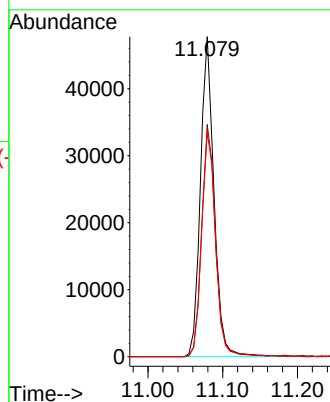
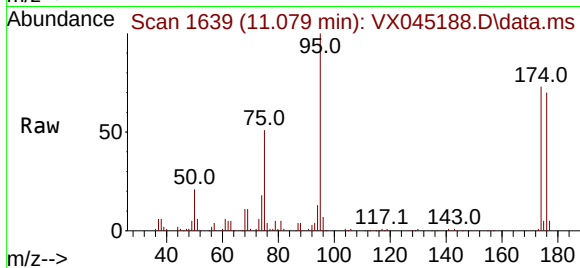




#62
4-Bromofluorobenzene
Concen: 53.019 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

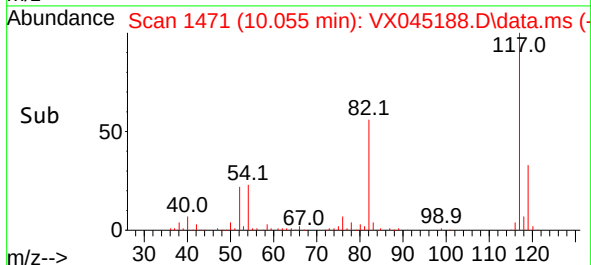
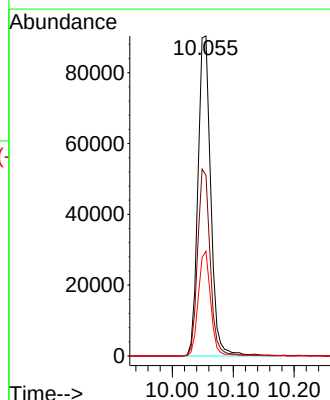
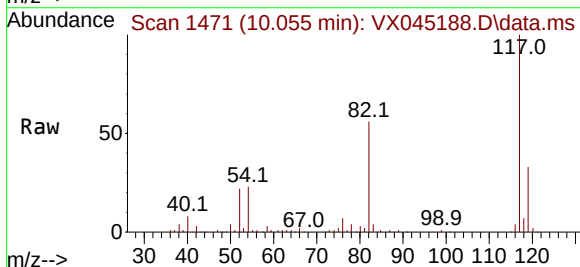
Instrument :
MSVOA_X
ClientSampleId :

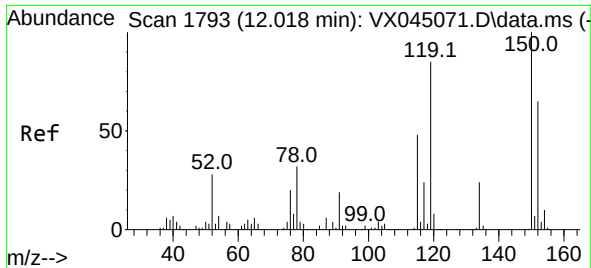
Tgt Ion: 95 Resp: 60260
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.2
176 71.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

Tgt Ion: 117 Resp: 131729
Ion Ratio Lower Upper
117 100
82 56.4 46.3 69.5
119 32.7 25.7 38.5

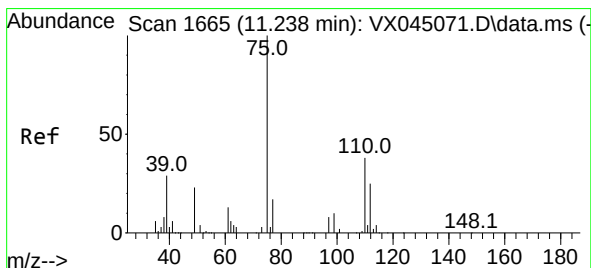
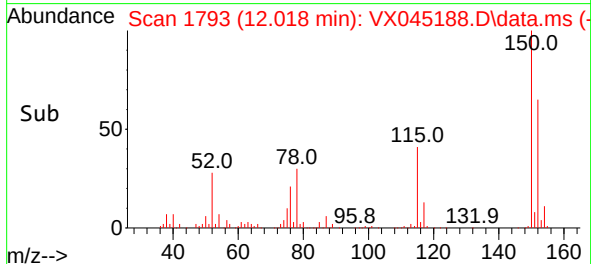
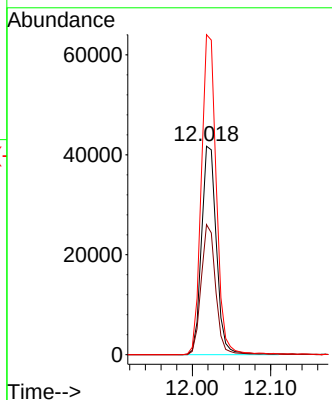
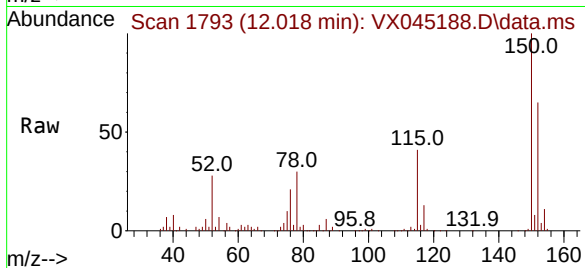




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045188.D
 Acq: 10 Mar 2025 12:10

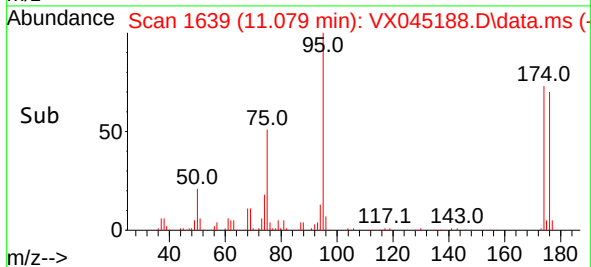
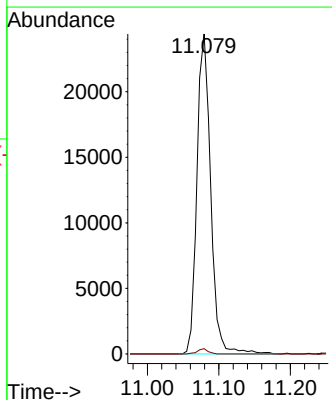
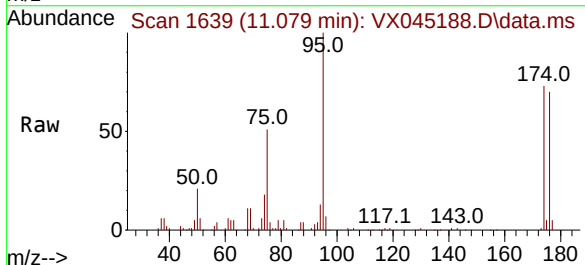
Instrument :
 MSVOA_X
 ClientSampleId :

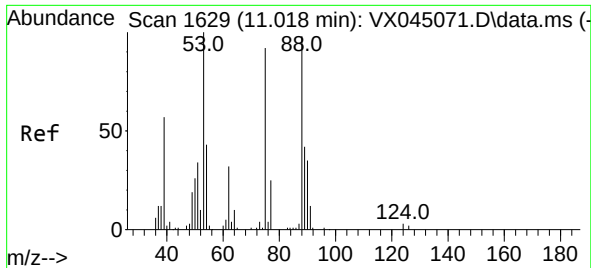
Tgt Ion:152 Resp: 55150
 Ion Ratio Lower Upper
 152 100
 115 61.0 44.2 132.6
 150 154.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.325 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045188.D
 Acq: 10 Mar 2025 12:10

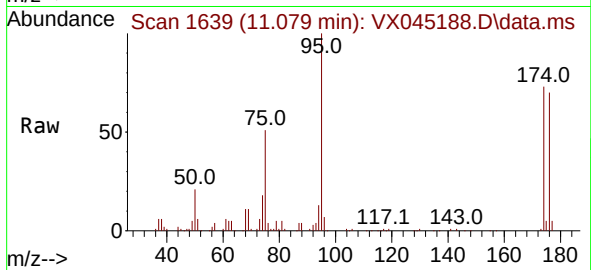
Tgt Ion: 75 Resp: 32508
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.668 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045188.D
Acq: 10 Mar 2025 12:10

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 32508
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

