

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045448.D
 Acq On : 25 Mar 2025 18:18
 Operator : JC/MD
 Sample : Q1629-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW09-MW01D2-20250320

Quant Time: Mar 26 01:43:01 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)

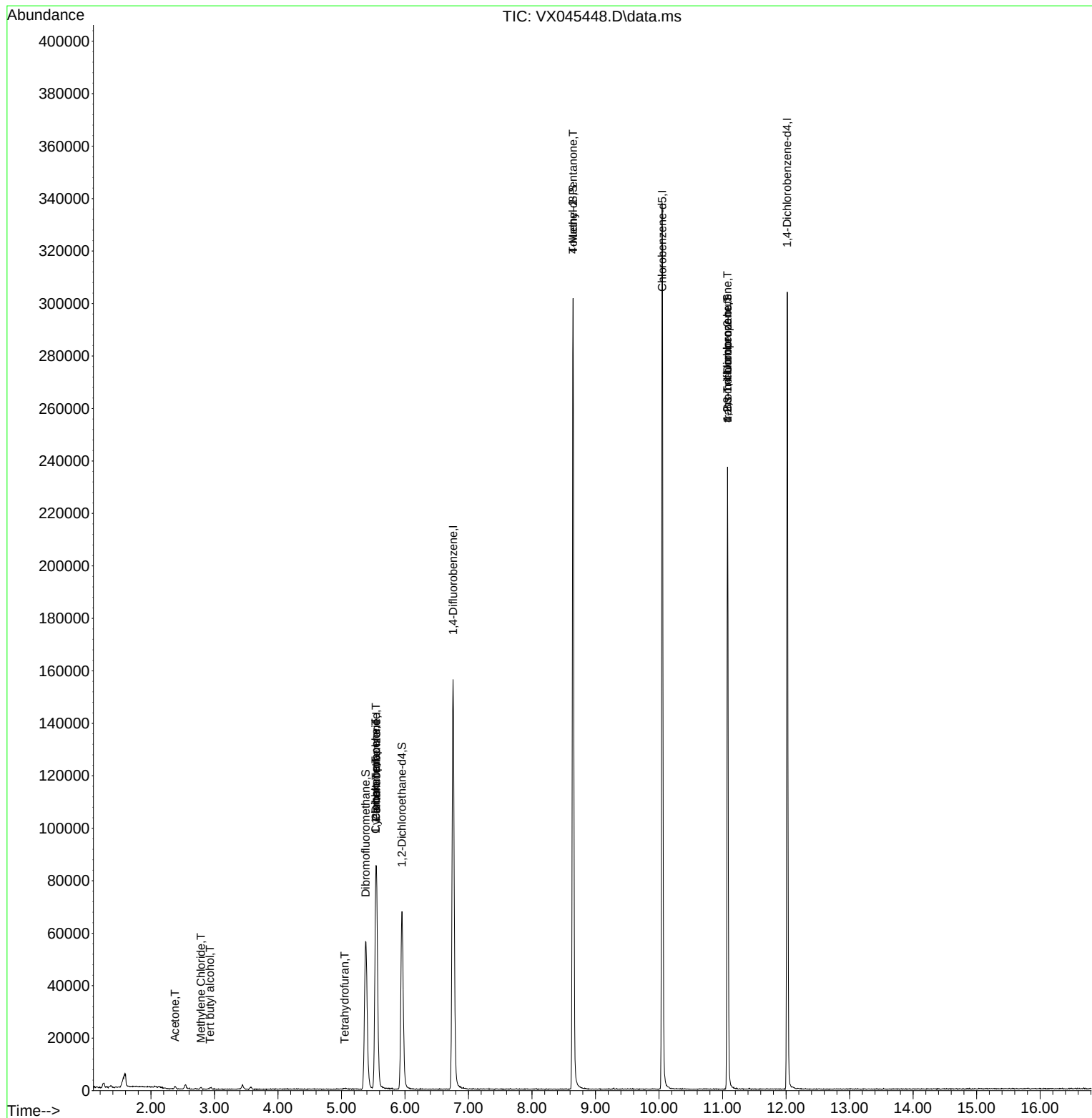
Internal Standards						
1) Pentafluorobenzene	5.550	168	76218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66774	55.078	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	5.379	113	50152	50.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.160%			
50) Toluene-d8	8.647	98	175210	48.742	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.480%			
62) 4-Bromofluorobenzene	11.079	95	60123	50.475	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.940%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.928	59	111	0.483	ug/l #	73
16) Acetone	2.380	43	1126	2.002	ug/l	94
20) Methylene Chloride	2.788	84	294	0.264	ug/l #	81
29) Tetrahydrofuran	5.050	42	297	0.522	ug/l #	34
31) Cyclohexane	5.538	56	2290	1.388	ug/l #	54
36) 1,1-Dichloropropene	5.538	75	7476	5.498	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8605	6.233	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	872	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35848	27.885	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35848	95.427	ug/l #	6

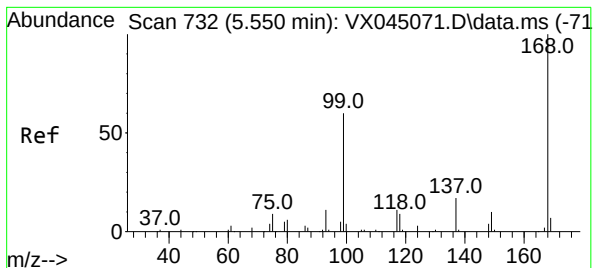
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW09-MW01D2-20250320

Quant Time: Mar 26 01:43:01 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: VX045448.D

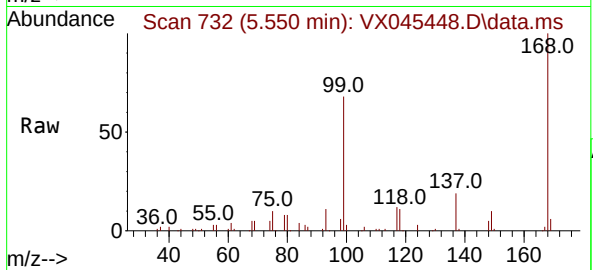
Acq: 25 Mar 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

RW09-MW01D2-20250320

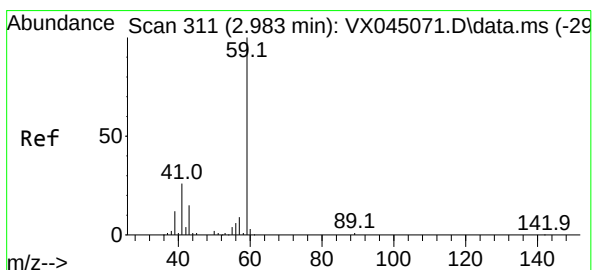
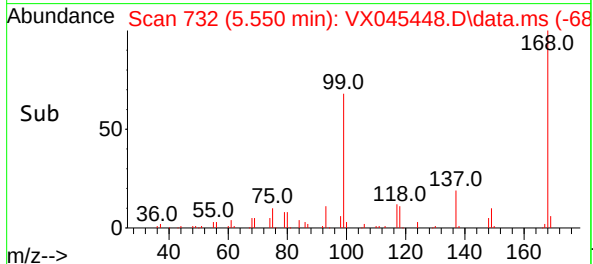
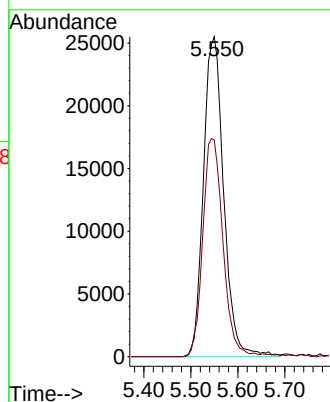


Tgt Ion:168 Resp: 76218

Ion Ratio Lower Upper

168 100

99 67.8 48.2 72.4



#11

Tert butyl alcohol

Concen: 0.483 ug/l

RT: 2.928 min Scan# 302

Delta R.T. -0.055 min

Lab File: VX045448.D

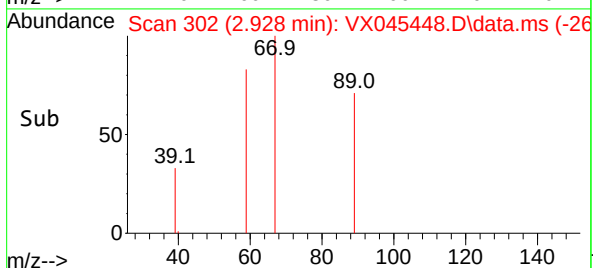
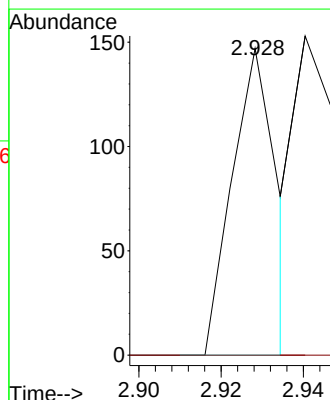
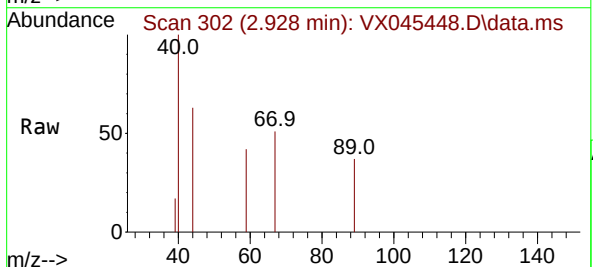
Acq: 25 Mar 2025 18:18

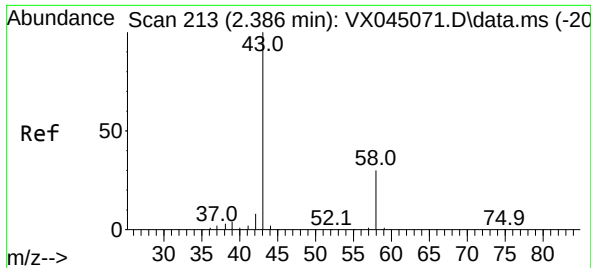
Tgt Ion: 59 Resp: 111

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

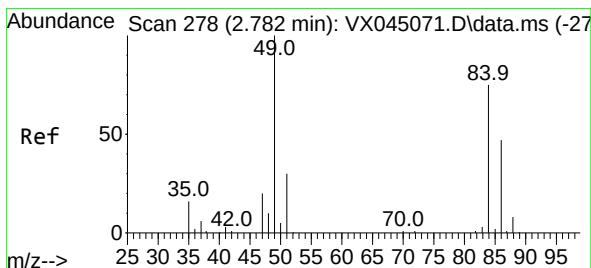
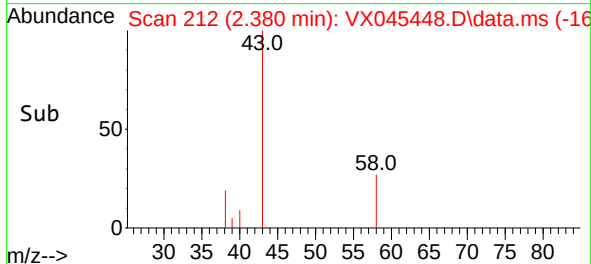
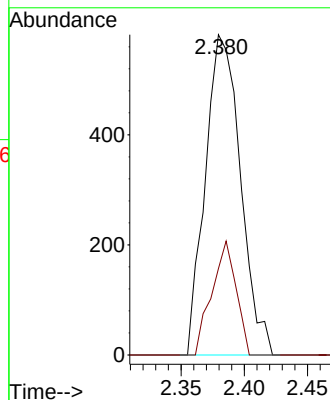
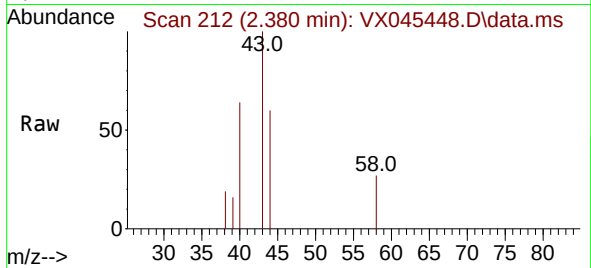




#16
Acetone
Concen: 2.002 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

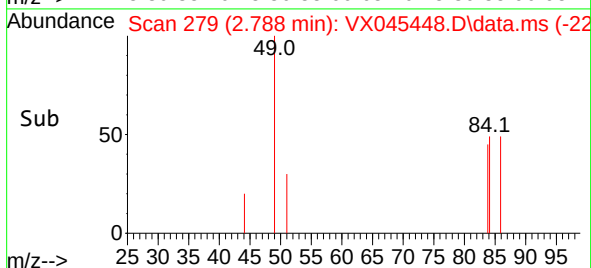
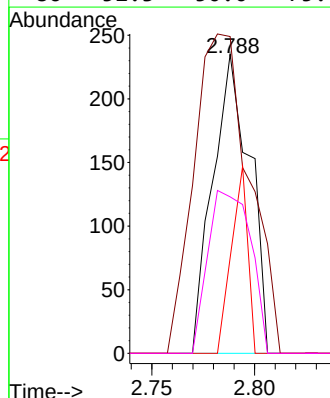
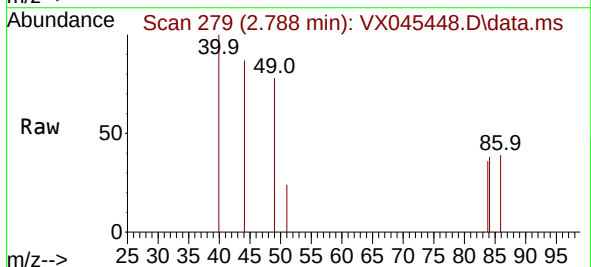
Instrument : MSVOA_X
ClientSampleId : RW09-MW01D2-20250320

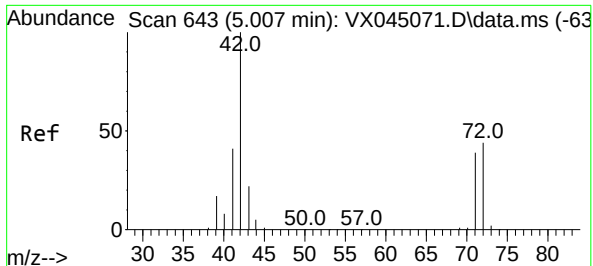
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 27.0 24.2 36.4



#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

Tgt Ion: 84 Resp: 294
Ion Ratio Lower Upper
84 100
49 106.0 106.5 159.7#
51 31.9 32.1 48.1#
86 52.3 50.0 75.0





#29

Tetrahydrofuran

Concen: 0.522 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX045448.D

Acq: 25 Mar 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

RW09-MW01D2-20250320

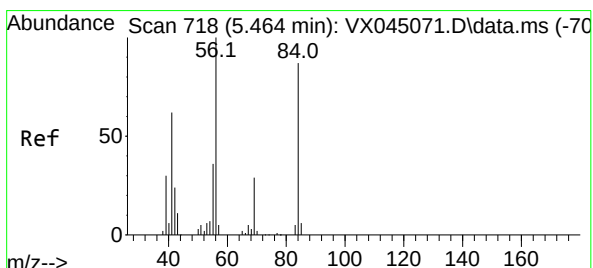
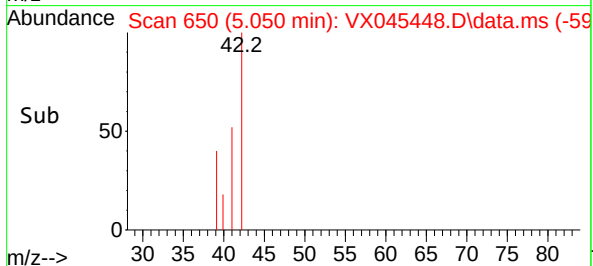
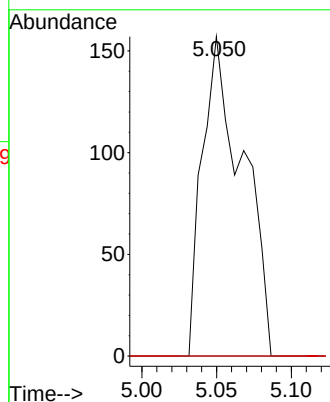
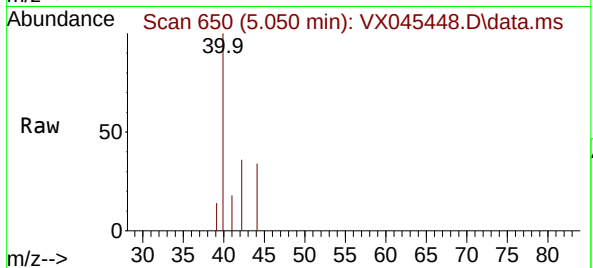
Tgt Ion: 42 Resp: 297

Ion Ratio Lower Upper

42 100

72 0.0 34.1 51.1#

71 0.0 31.4 47.0#



#31

Cyclohexane

Concen: 1.388 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX045448.D

Acq: 25 Mar 2025 18:18

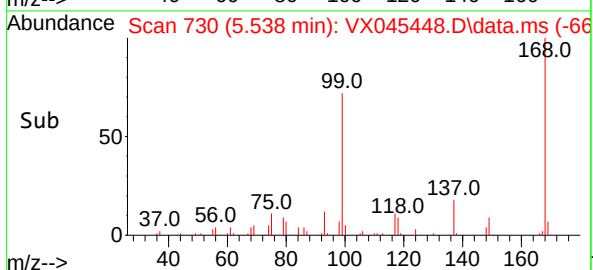
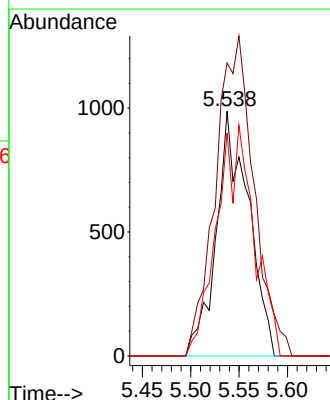
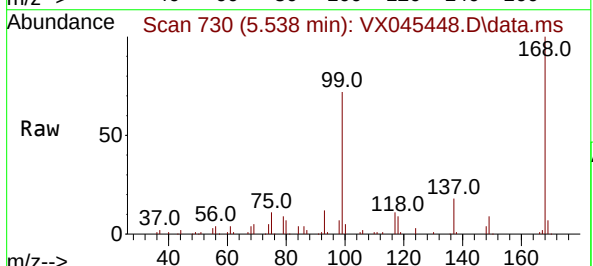
Tgt Ion: 56 Resp: 2290

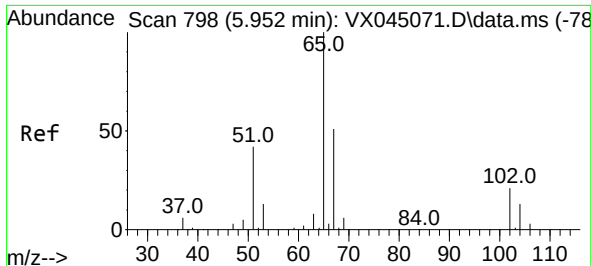
Ion Ratio Lower Upper

56 100

69 119.6 23.4 35.2#

84 91.1 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 55.078 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045448.D

Acq: 25 Mar 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

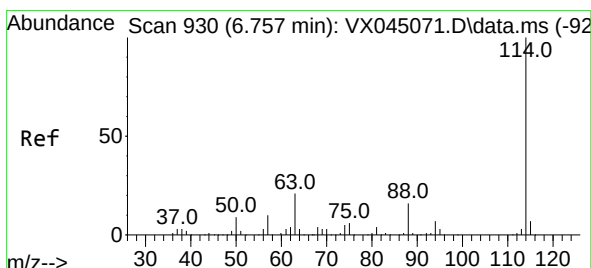
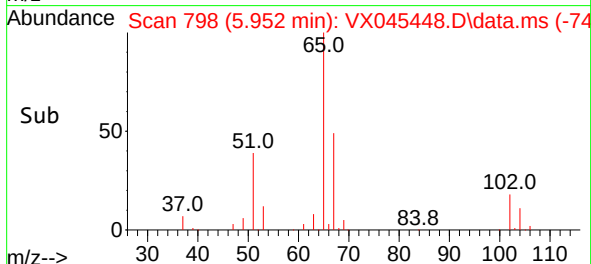
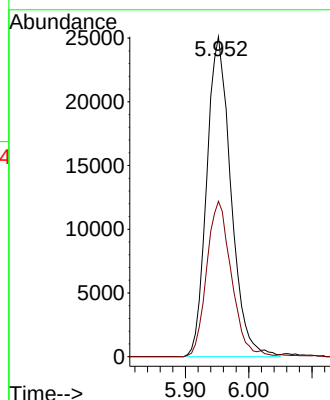
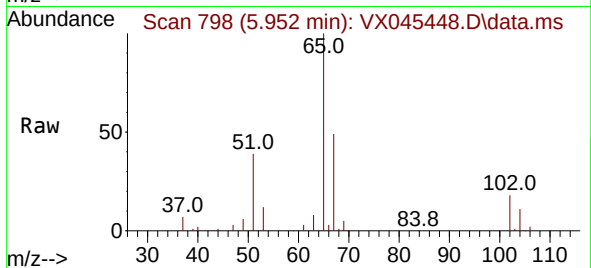
RW09-MW01D2-20250320

Tgt Ion: 65 Resp: 66774

Ion Ratio Lower Upper

65 100

67 49.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045448.D

Acq: 25 Mar 2025 18:18

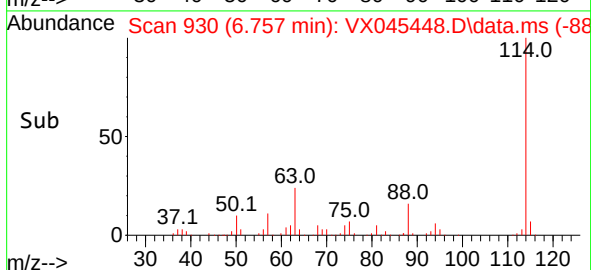
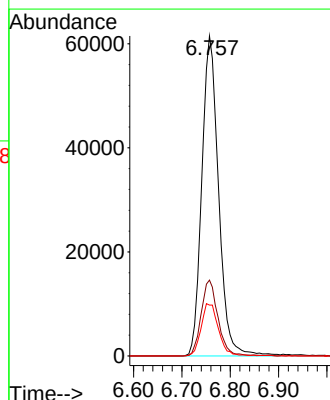
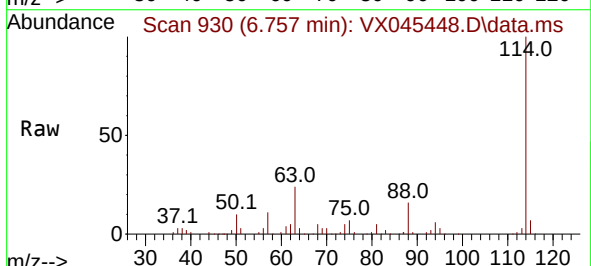
Tgt Ion: 114 Resp: 148282

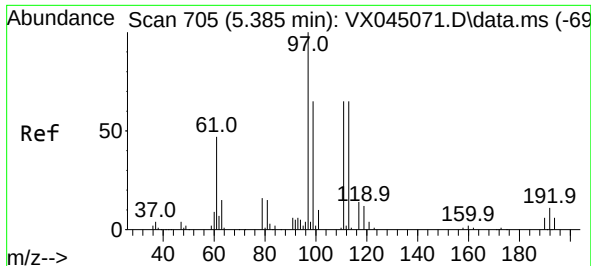
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.8

88 15.9 0.0 32.8

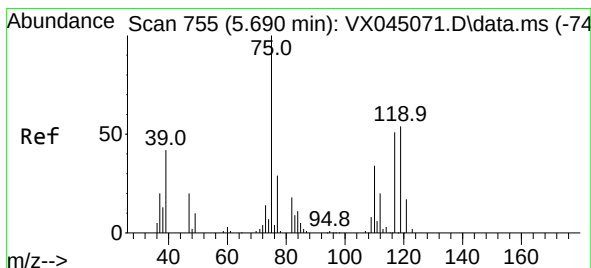
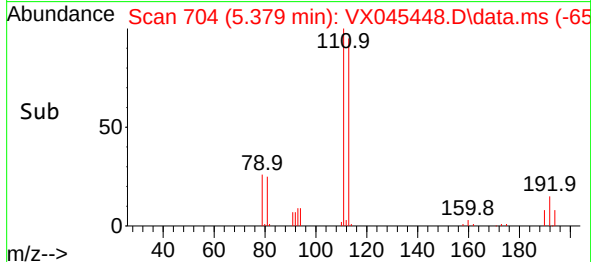
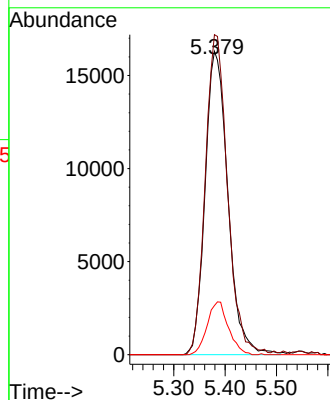
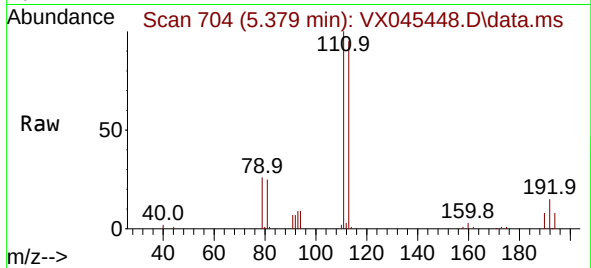




#35
Dibromofluoromethane
Concen: 50.581 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

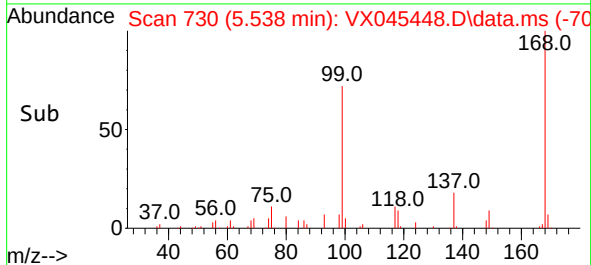
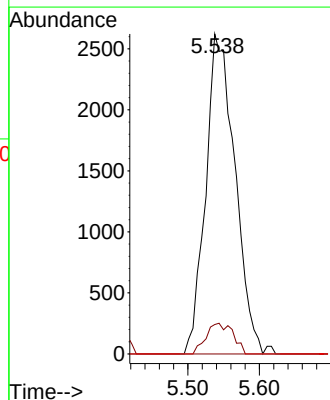
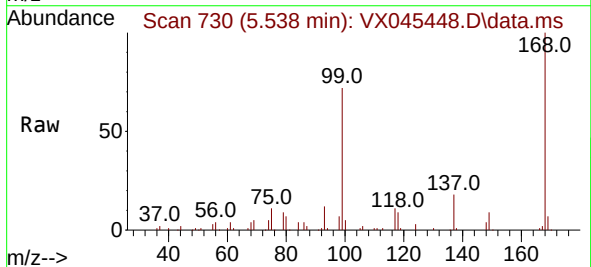
Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01D2-20250320

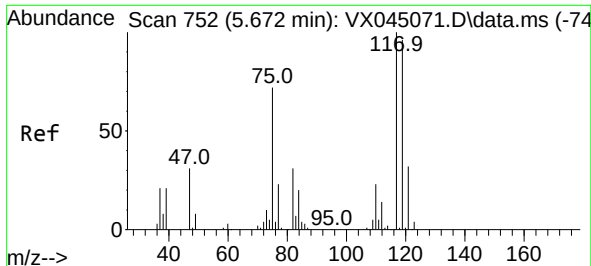
Tgt Ion:113 Resp: 50152
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 16.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.498 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.153 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

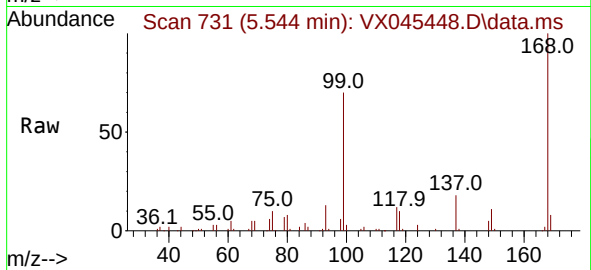
Tgt Ion: 75 Resp: 7476
Ion Ratio Lower Upper
75 100
110 8.8 16.9 50.6#
77 0.0 24.5 36.7#



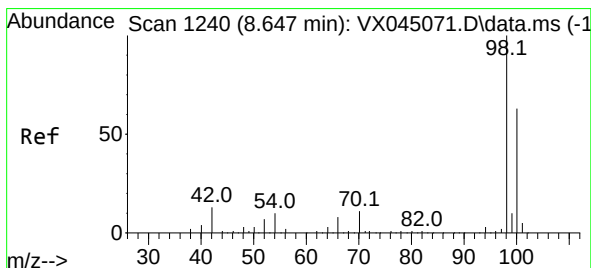
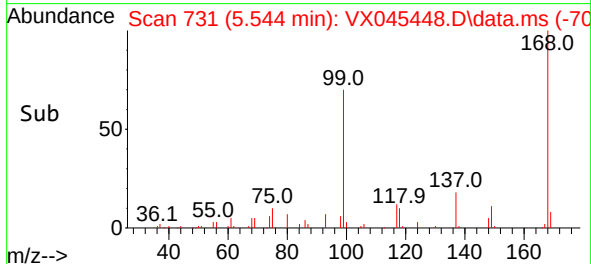
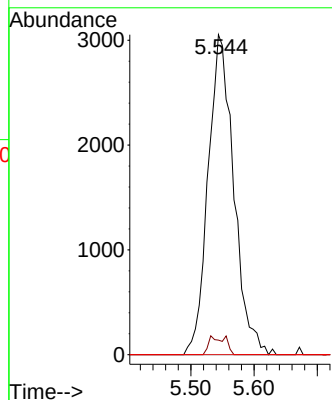


#38
Carbon Tetrachloride
Concen: 6.233 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01D2-20250320

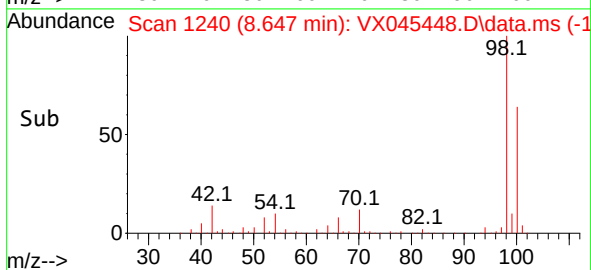
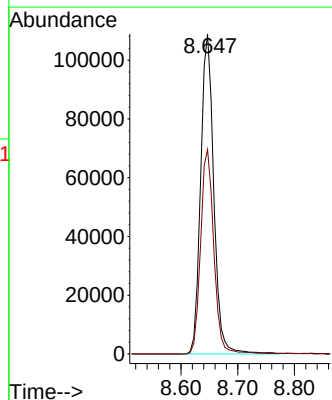
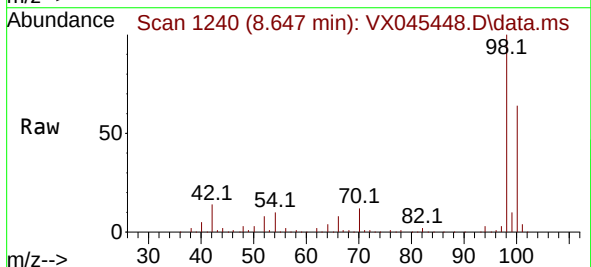


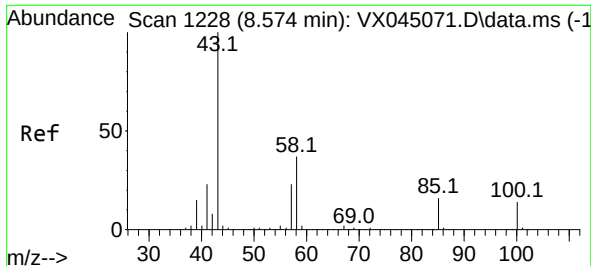
Tgt Ion:117 Resp: 8605
Ion Ratio Lower Upper
117 100
119 4.6 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 48.742 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

Tgt Ion: 98 Resp: 175210
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

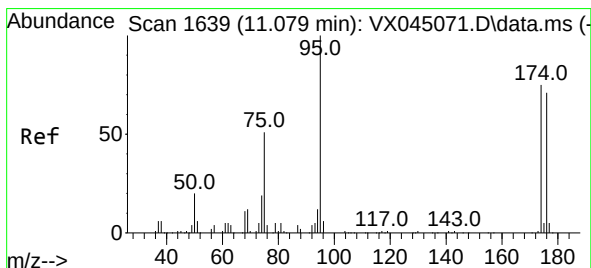
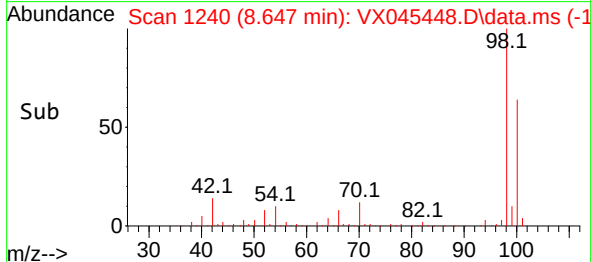
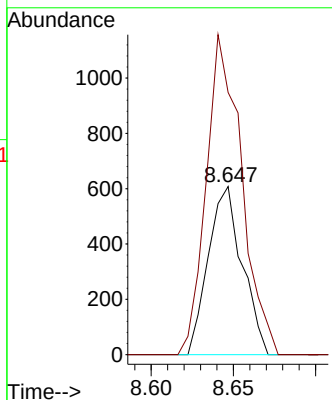
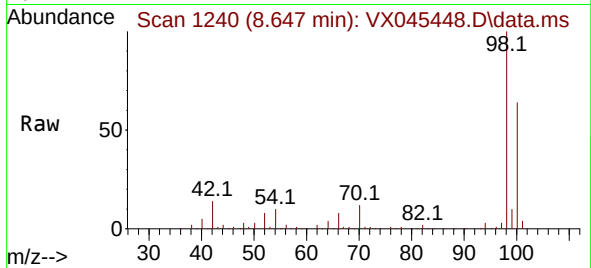




#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

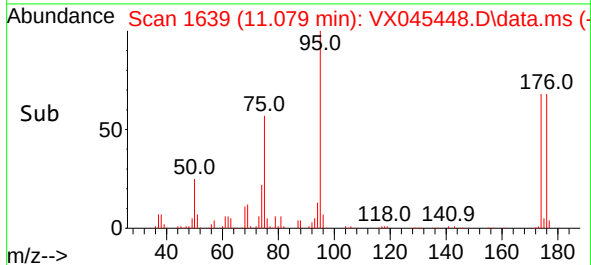
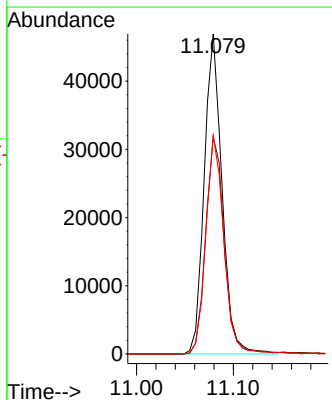
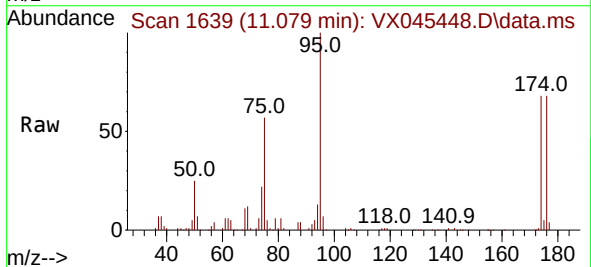
Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01D2-20250320

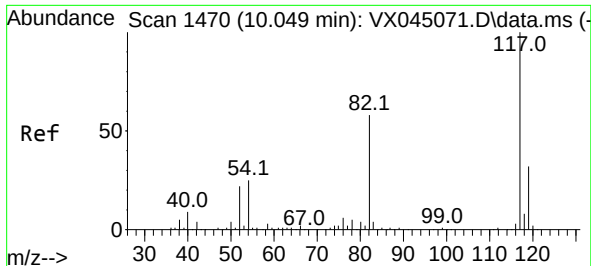
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 198.1 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 50.475 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

Tgt Ion: 95 Resp: 60123
Ion Ratio Lower Upper
95 100
174 70.9 0.0 148.2
176 69.0 0.0 141.4

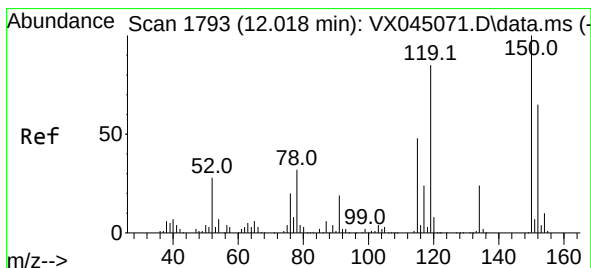
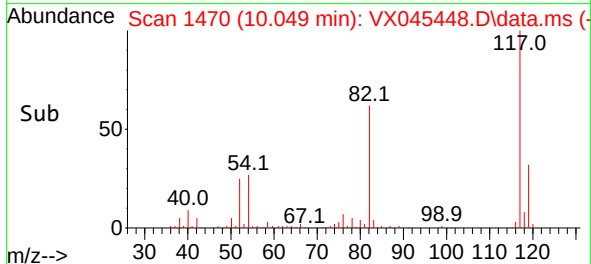
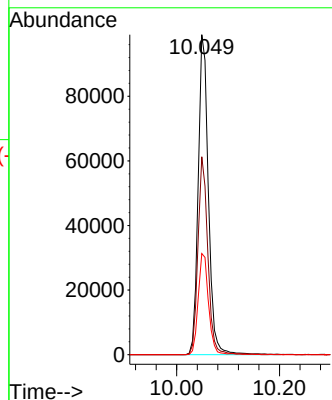
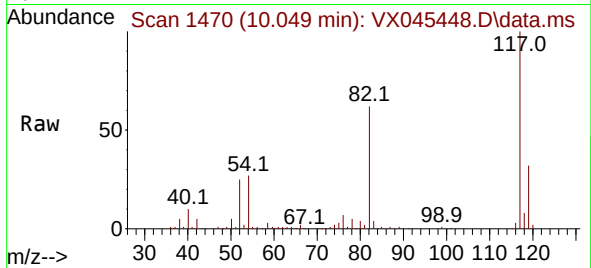




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

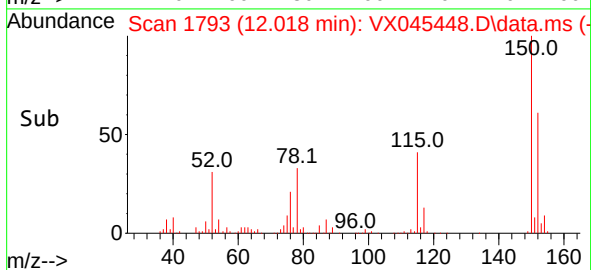
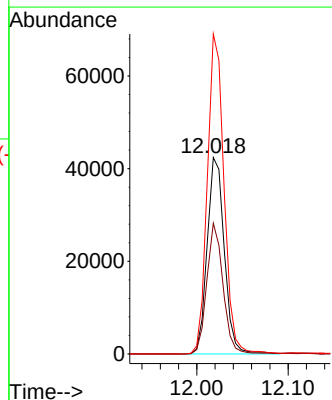
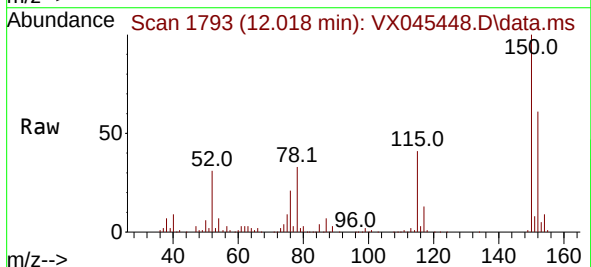
Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01D2-20250320

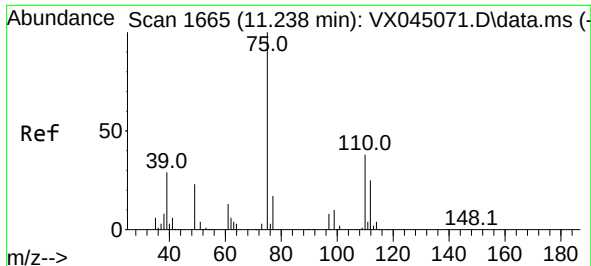
Tgt Ion:117 Resp: 136799
Ion Ratio Lower Upper
117 100
82 61.8 46.3 69.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

Tgt Ion:152 Resp: 55234
Ion Ratio Lower Upper
152 100
115 63.2 44.2 132.6
150 158.0 0.0 349.0

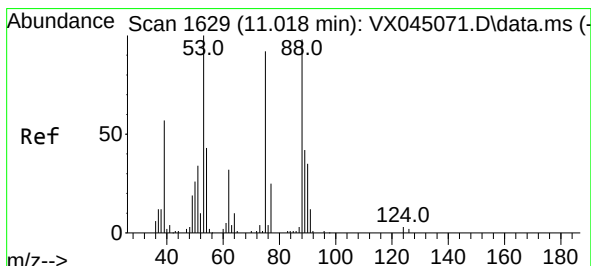
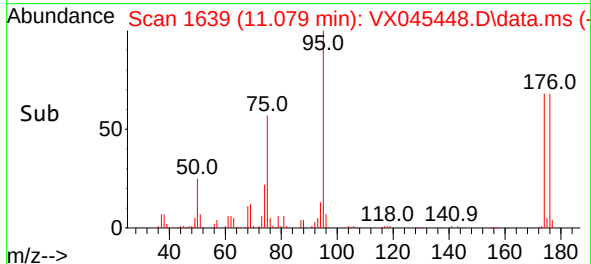
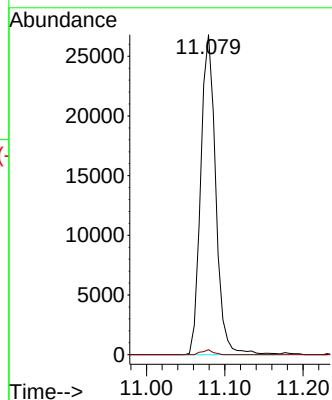
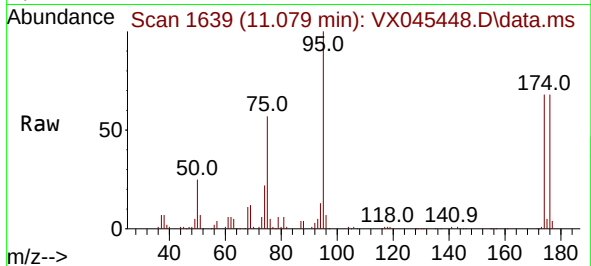




#76
1,2,3-Trichloropropane
Concen: 27.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

Instrument :
MSVOA_X
ClientSampleId :
RW09-MW01D2-20250320

Tgt Ion: 75 Resp: 35848
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.427 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045448.D
Acq: 25 Mar 2025 18:18

Tgt Ion: 75 Resp: 35848
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

