

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045568.D
 Acq On : 03 Apr 2025 14:04
 Operator : JC/MD
 Sample : Q1711-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-05B-89-040225

Quant Time: Apr 04 01:22:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

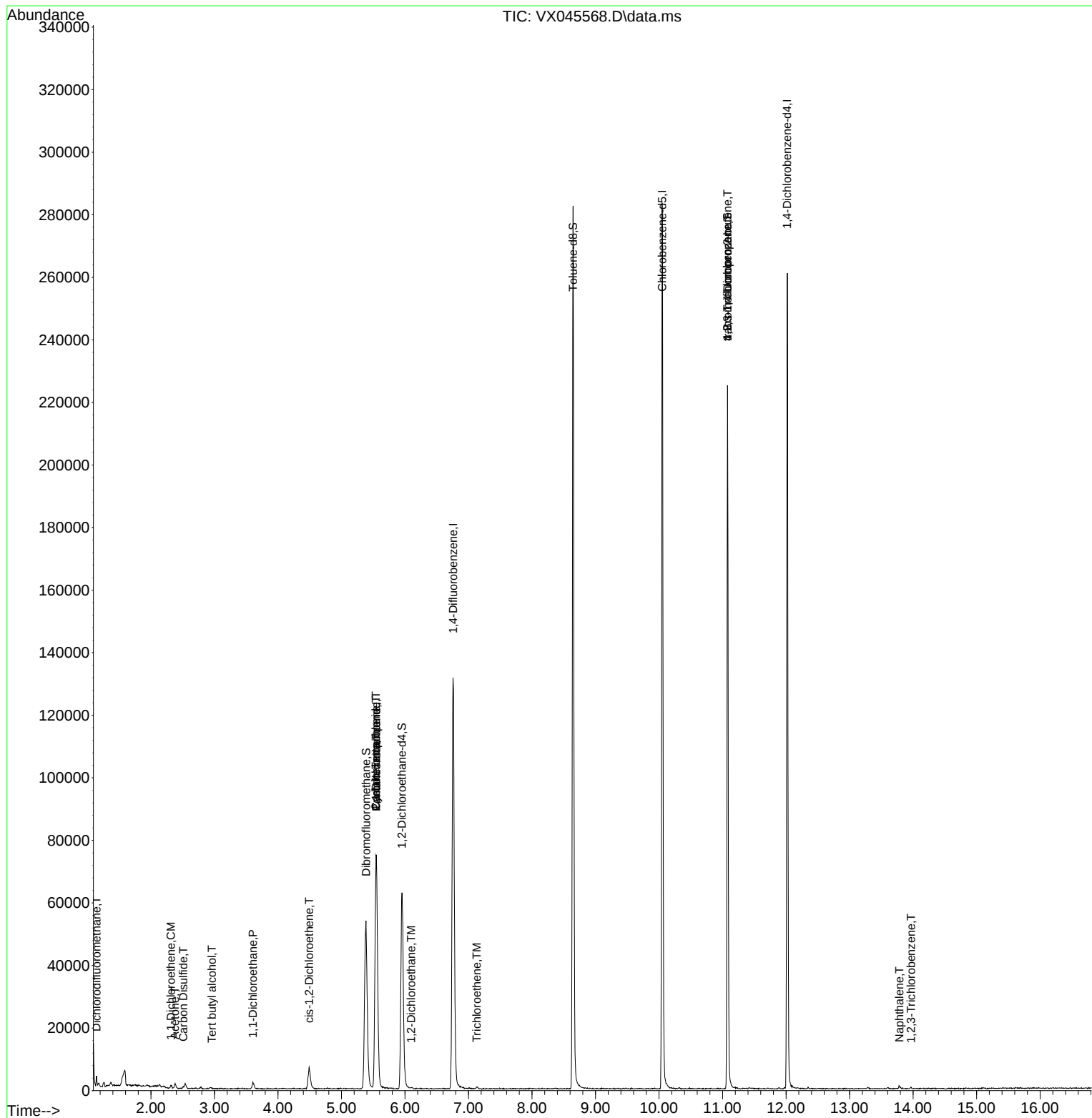
Internal Standards						
1) Pentafluorobenzene	5.550	168	63845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64496	55.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.480%	
35) Dibromofluoromethane	5.385	113	46192	52.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.040%	
50) Toluene-d8	8.647	98	156862	50.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	11.079	95	57168	50.643	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.142	85	213	0.223	ug/l #	43
11) Tert butyl alcohol	2.959	59	57	0.363	ug/l #	72
12) 1,1-Dichloroethene	2.312	96	219	0.286	ug/l #	71
16) Acetone	2.379	43	1776	3.704	ug/l	97
17) Carbon Disulfide	2.507	76	819	0.433	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	2586	1.596	ug/l #	91
27) cis-1,2-Dichloroethene	4.489	96	3859	4.045	ug/l	91
31) Cyclohexane	5.544	56	2047	1.429	ug/l #	13
36) 1,1-Dichloropropene	5.544	75	6665	5.560	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7933	6.123	ug/l #	15
42) 1,2-Dichloroethane	6.098	62	348	0.230	ug/l #	78
44) Trichloroethene	7.129	130	238	0.273	ug/l	74
76) 1,2,3-Trichloropropane	11.079	75	33103	28.848	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33103	97.905	ug/l #	1
95) Naphthalene	13.786	128	986	0.302	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.969	180	188	0.205	ug/l	84

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
Data File : VX045568.D
Acq On : 03 Apr 2025 14:04
Operator : JC/MD
Sample : Q1711-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-89-040225

Quant Time: Apr 04 01:22:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

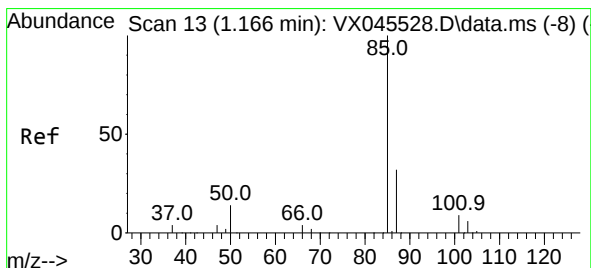
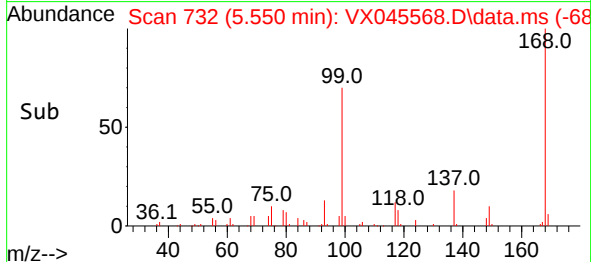
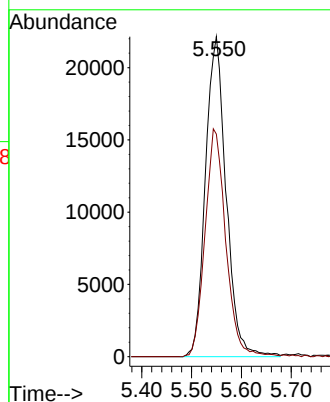
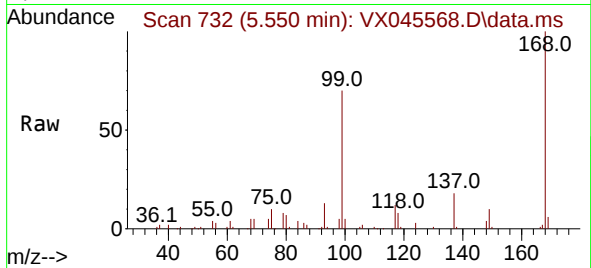




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

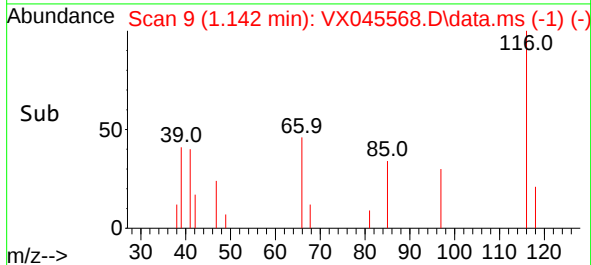
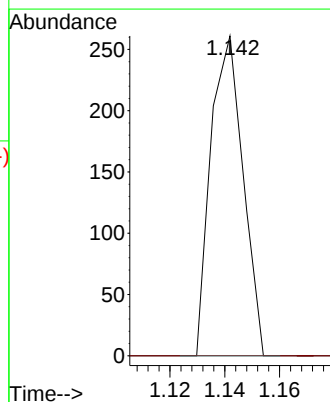
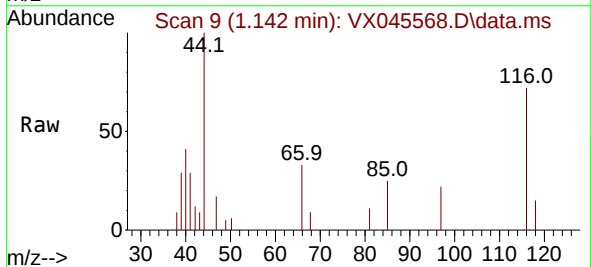
Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-89-040225

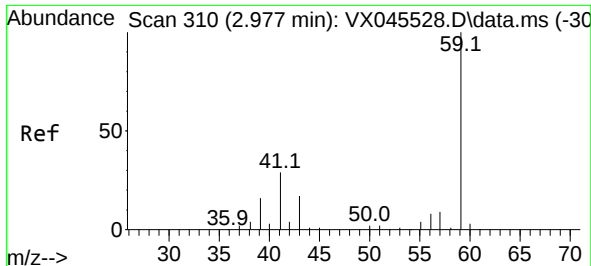
Tgt Ion:168 Resp: 63845
Ion Ratio Lower Upper
168 100
99 69.6 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 0.223 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.025 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

Tgt Ion: 85 Resp: 213
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

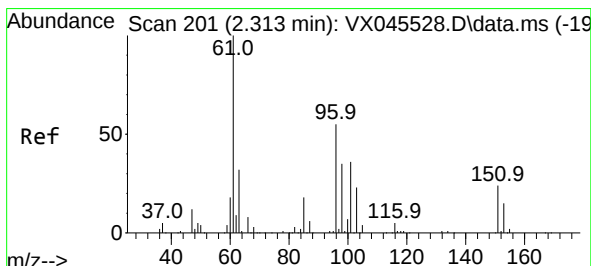
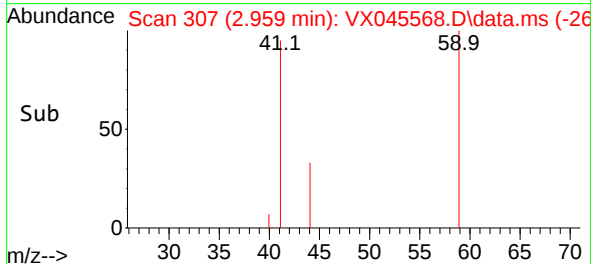
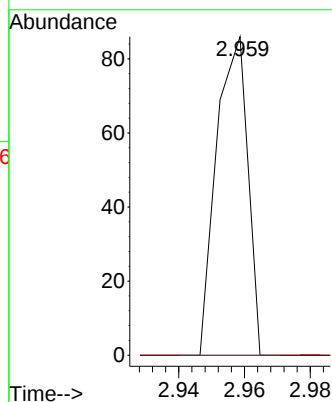
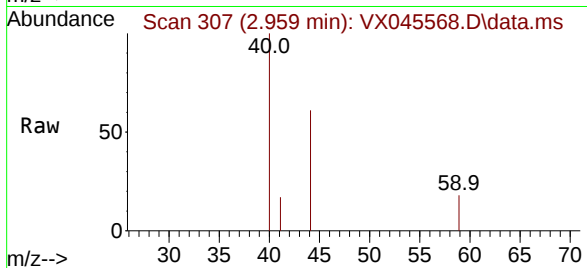




#11
Tert butyl alcohol
Concen: 0.363 ug/l
RT: 2.959 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

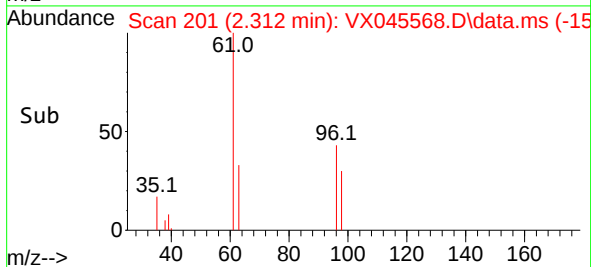
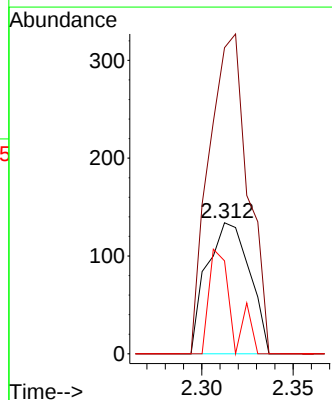
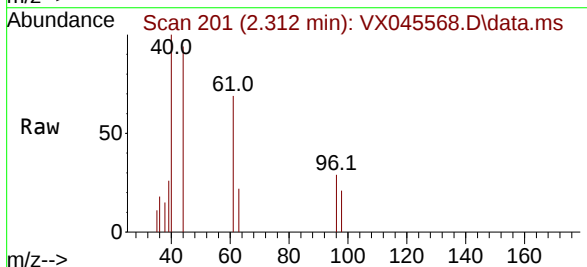
Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-89-040225

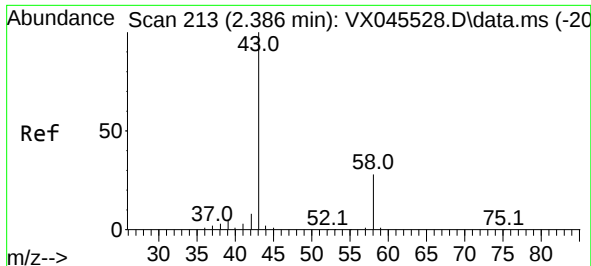
Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.286 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

Tgt Ion: 96 Resp: 219
Ion Ratio Lower Upper
96 100
61 233.6 145.7 218.5#
98 70.9 51.6 77.4

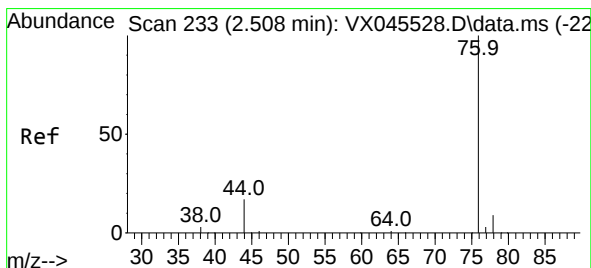
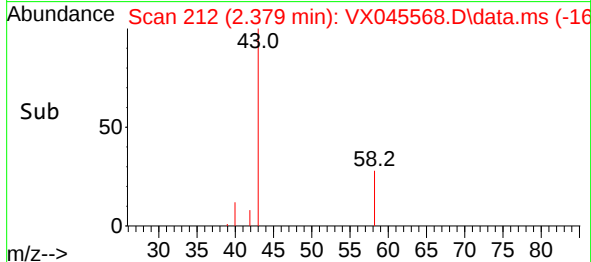
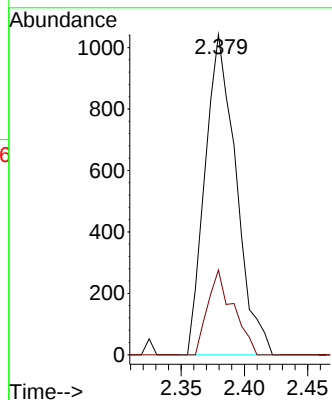
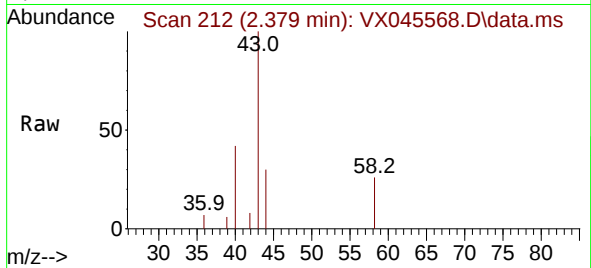




#16
Acetone
Concen: 3.704 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

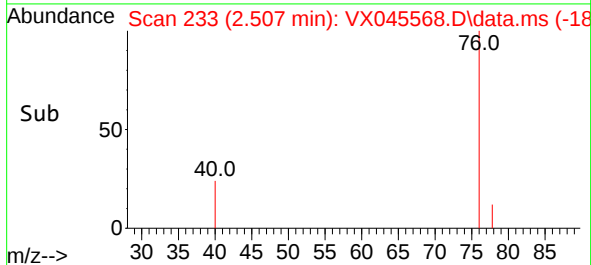
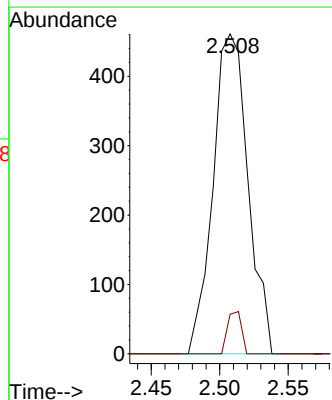
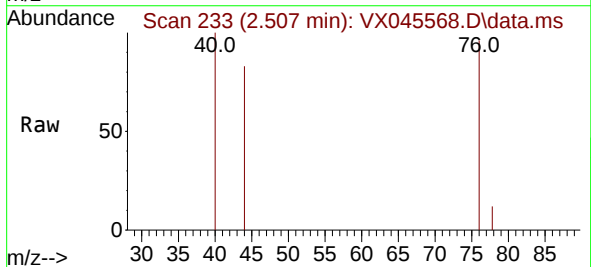
Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-89-040225

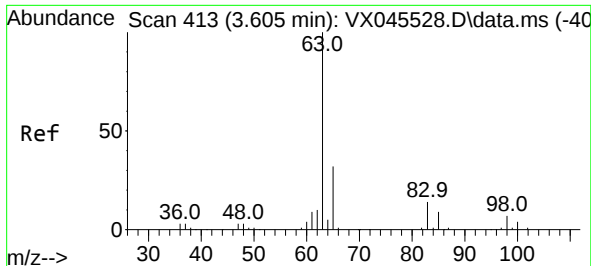
Tgt Ion: 43 Resp: 1776
Ion Ratio Lower Upper
43 100
58 26.5 22.3 33.5



#17
Carbon Disulfide
Concen: 0.433 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

Tgt Ion: 76 Resp: 819
Ion Ratio Lower Upper
76 100
78 12.4 7.0 10.6#

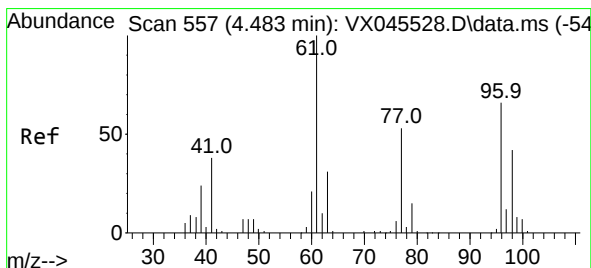
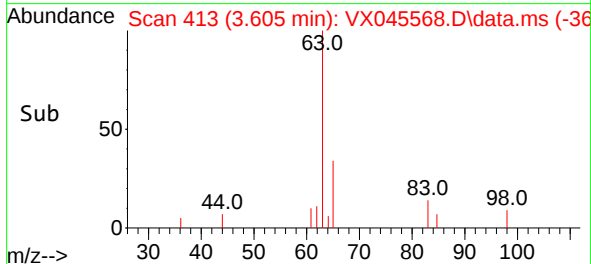
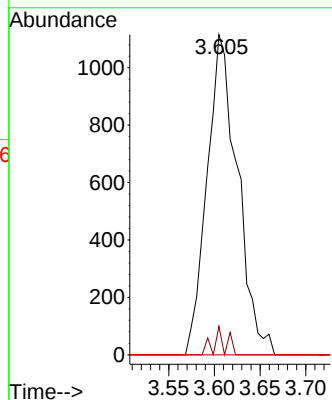
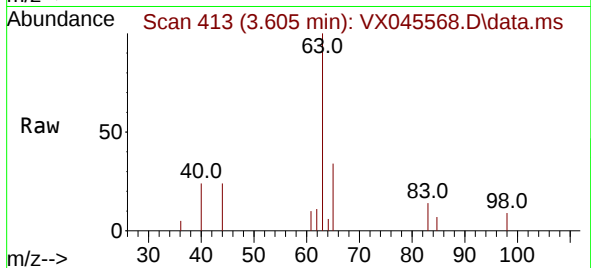




#24
1,1-Dichloroethane
Concen: 1.596 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

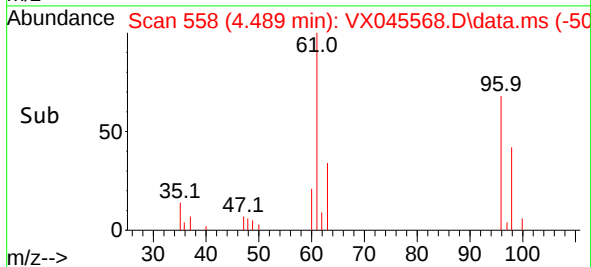
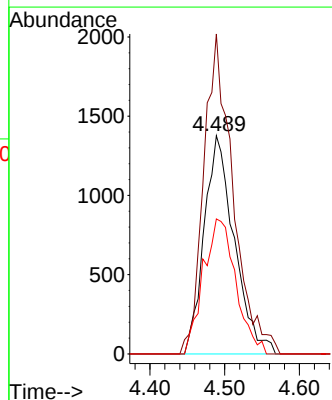
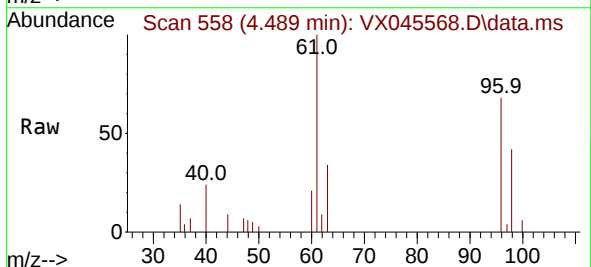
Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-89-040225

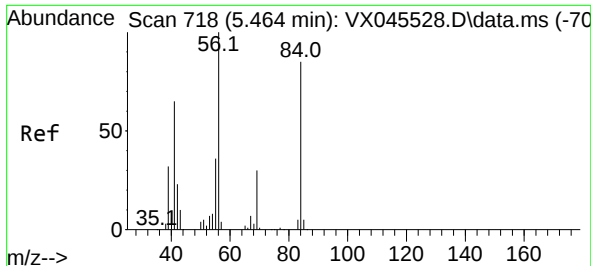
Tgt Ion: 63 Resp: 2586
Ion Ratio Lower Upper
63 100
98 8.9 3.4 10.1
100 0.0 2.2 6.6#



#27
cis-1,2-Dichloroethene
Concen: 4.045 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

Tgt Ion: 96 Resp: 3859
Ion Ratio Lower Upper
96 100
61 142.5 0.0 313.2
98 66.6 0.0 126.4

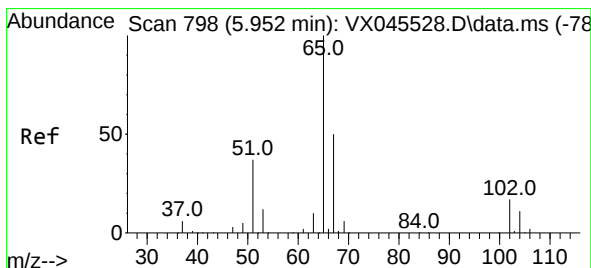
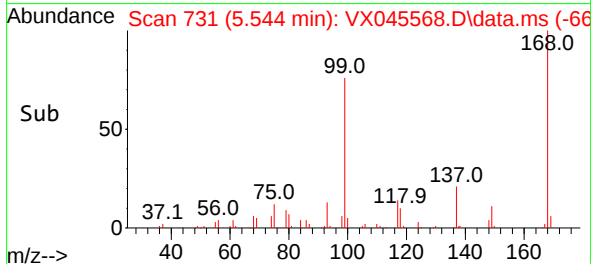
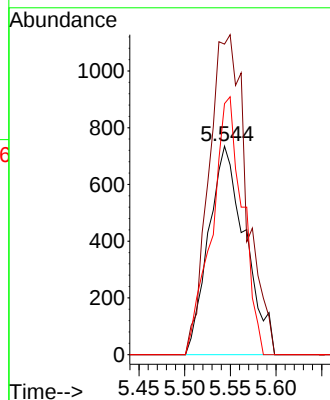
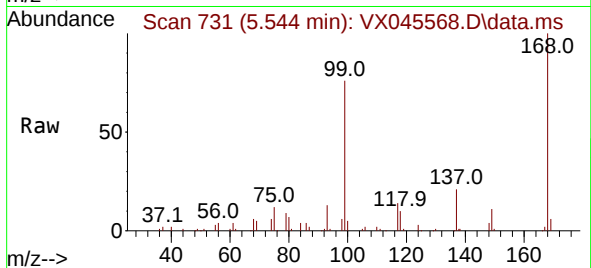




#31
Cyclohexane
Concen: 1.429 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

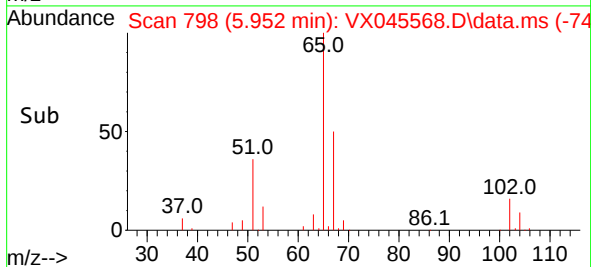
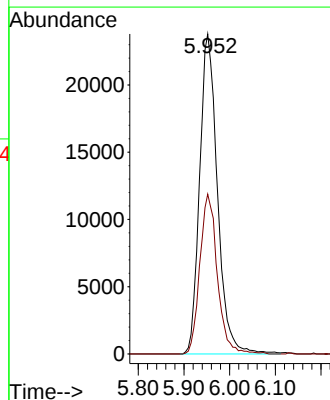
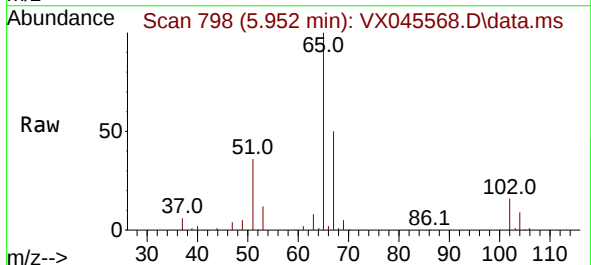
Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-89-040225

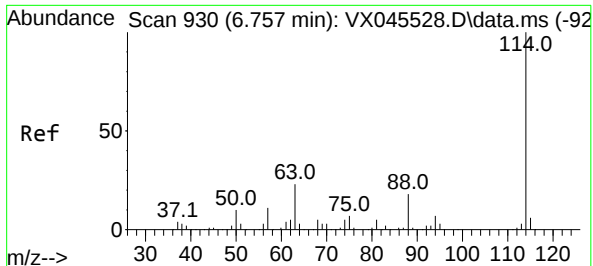
Tgt Ion: 56 Resp: 2047
Ion Ratio Lower Upper
56 100
69 149.0 23.6 35.4#
84 120.4 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 55.240 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

Tgt Ion: 65 Resp: 64496
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

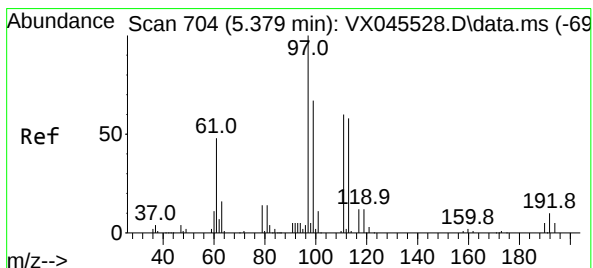
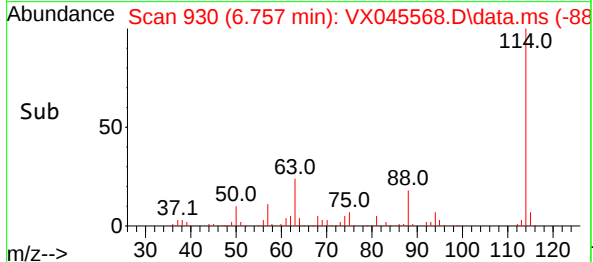
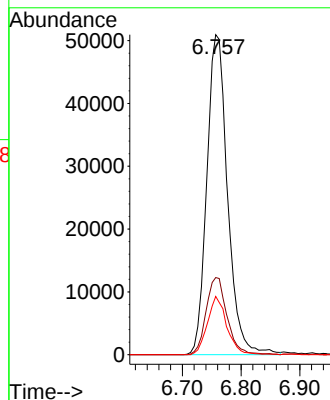
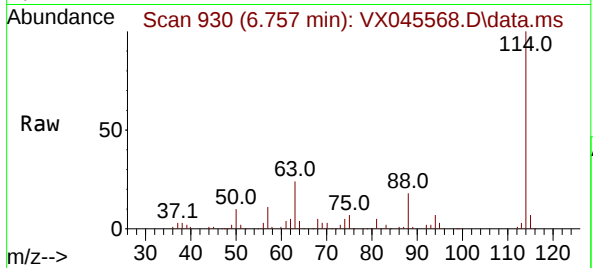




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

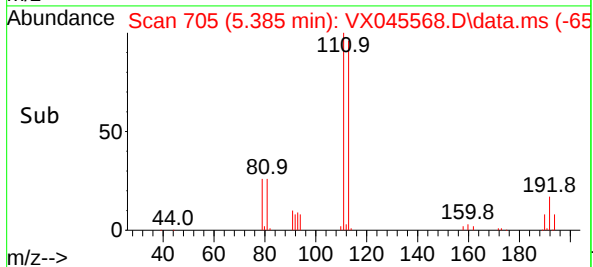
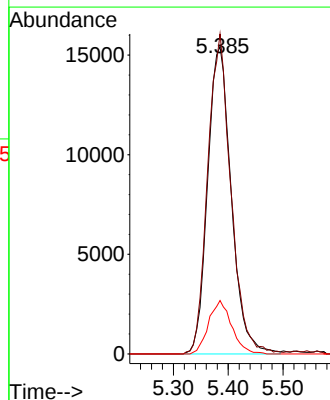
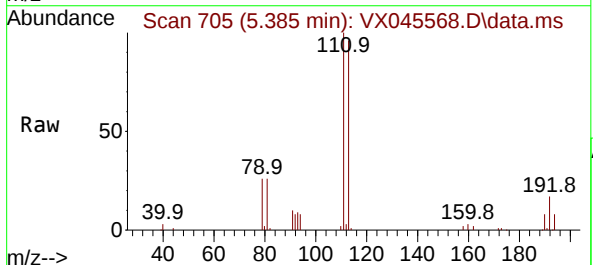
Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-89-040225

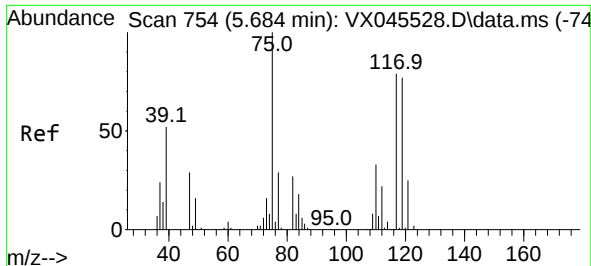
Tgt Ion:114 Resp: 125144
Ion Ratio Lower Upper
114 100
63 24.1 0.0 46.8
88 18.2 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.024 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

Tgt Ion:113 Resp: 46192
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 17.0 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.560 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045568.D

Acq: 03 Apr 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

RMW-05B-89-040225

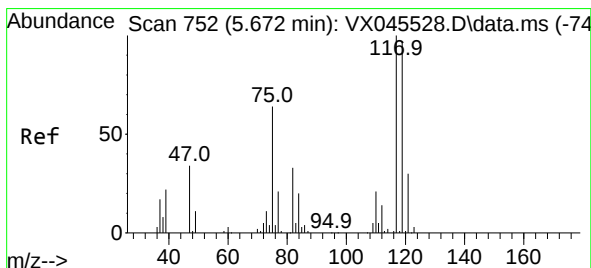
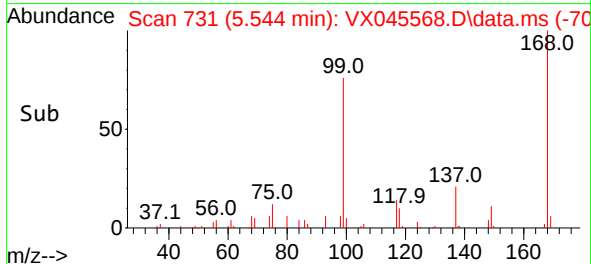
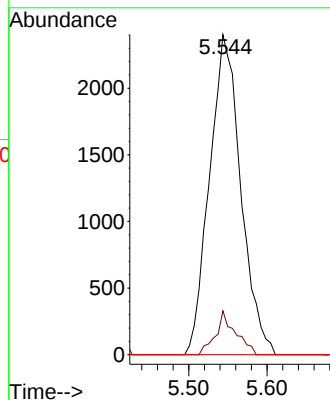
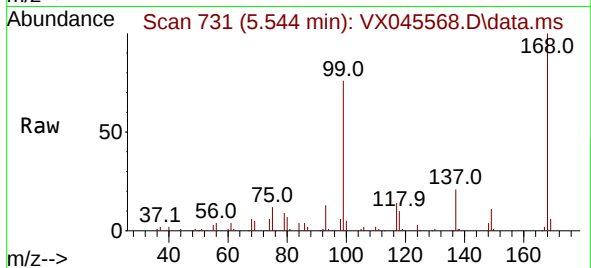
Tgt Ion: 75 Resp: 6665

Ion Ratio Lower Upper

75 100

110 8.7 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.123 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045568.D

Acq: 03 Apr 2025 14:04

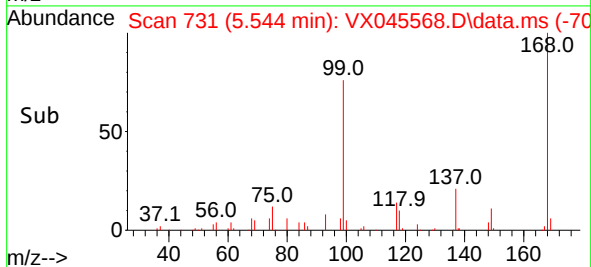
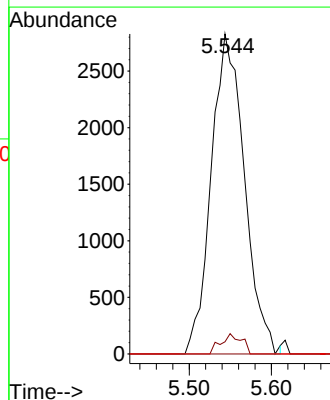
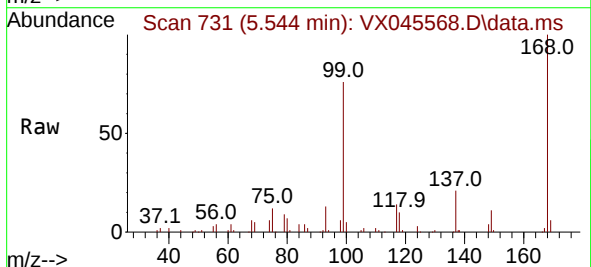
Tgt Ion: 117 Resp: 7933

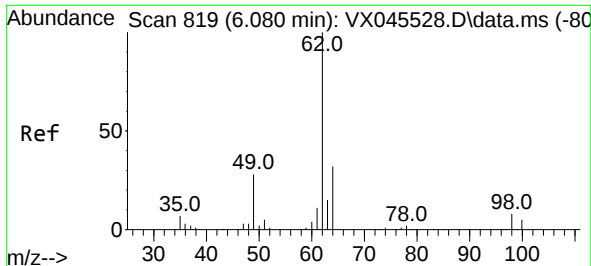
Ion Ratio Lower Upper

117 100

119 3.8 76.9 115.3#

121 0.0 24.2 36.2#





#42

1,2-Dichloroethane

Concen: 0.230 ug/l

RT: 6.098 min Scan# 819

Delta R.T. 0.018 min

Lab File: VX045568.D

Acq: 03 Apr 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

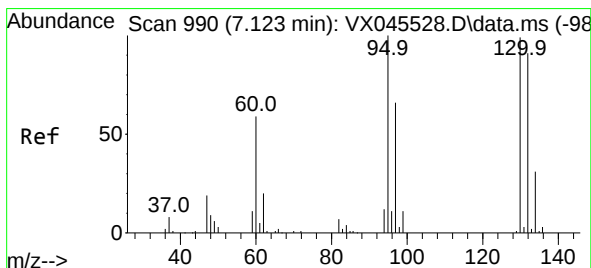
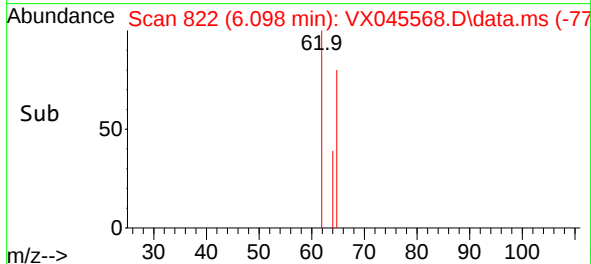
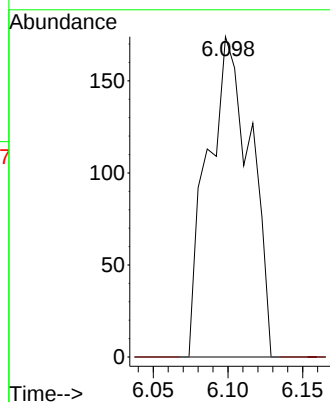
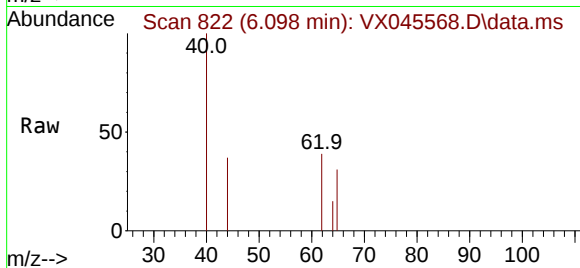
RMW-05B-89-040225

Tgt Ion: 62 Resp: 348

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.2



#44

Trichloroethene

Concen: 0.273 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX045568.D

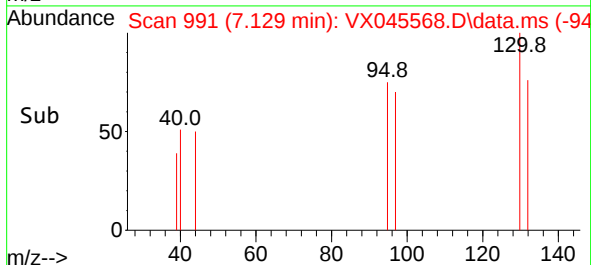
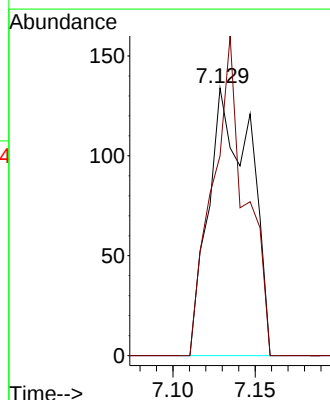
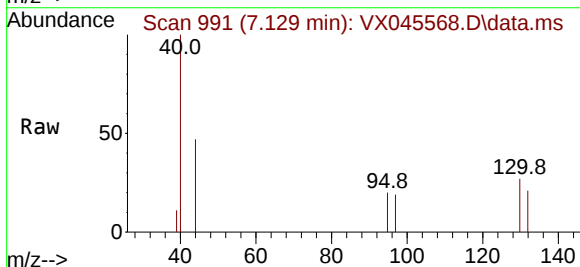
Acq: 03 Apr 2025 14:04

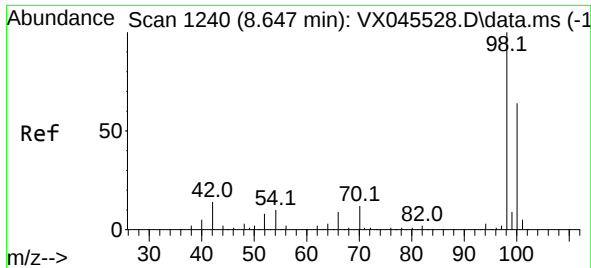
Tgt Ion:130 Resp: 238

Ion Ratio Lower Upper

130 100

95 74.6 0.0 202.0

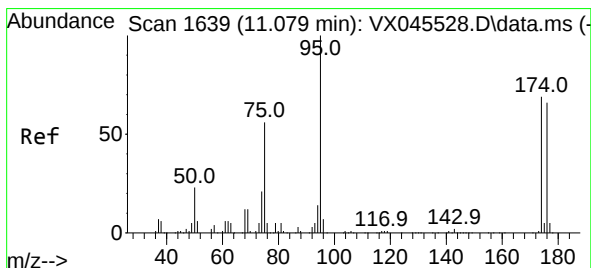
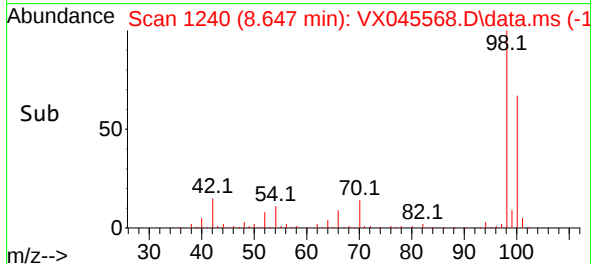
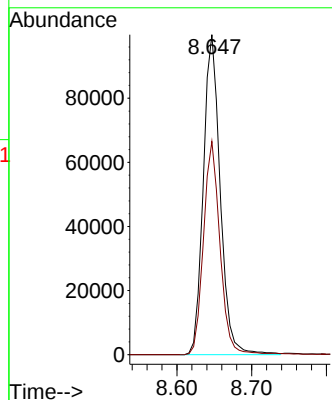
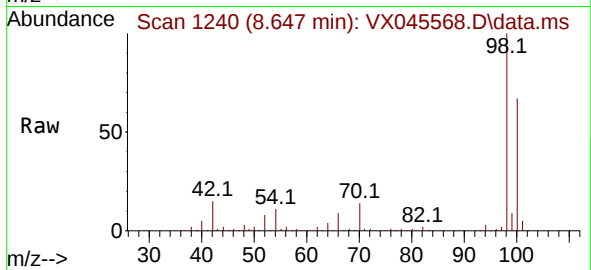




#50
Toluene-d8
Concen: 50.615 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

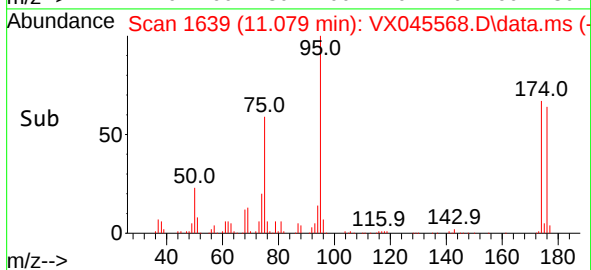
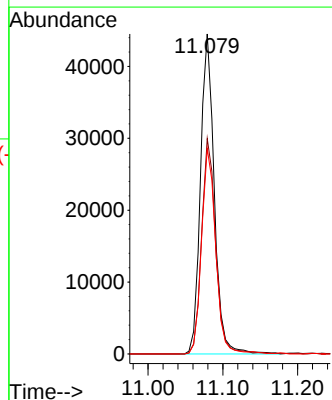
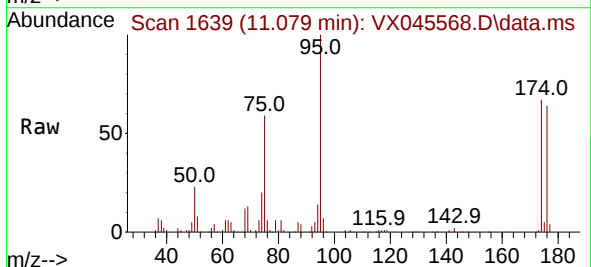
Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-89-040225

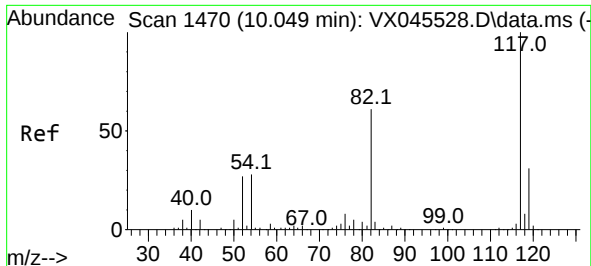
Tgt Ion: 98 Resp: 156862
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

Tgt Ion: 95 Resp: 57168
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 65.9 0.0 131.4

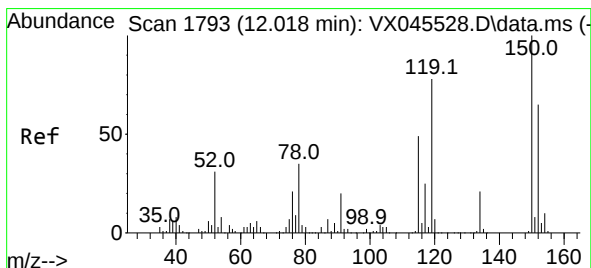
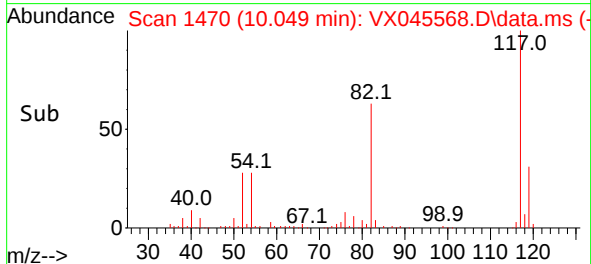
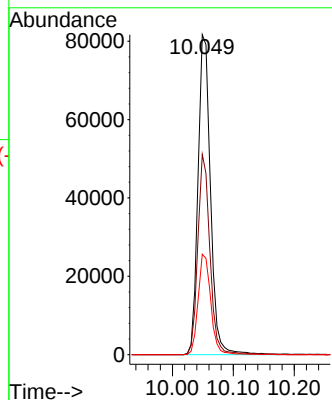
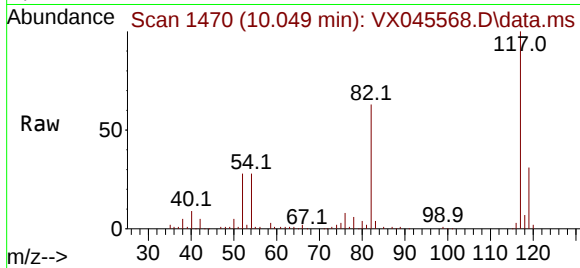




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

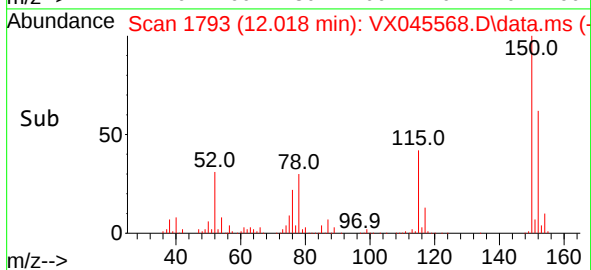
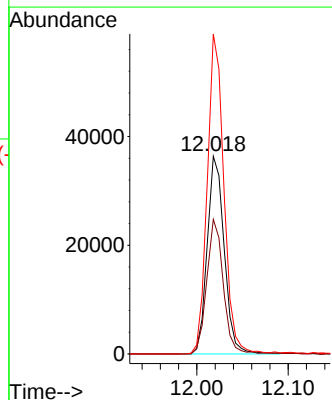
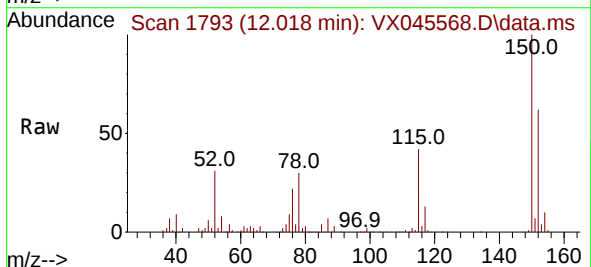
Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-89-040225

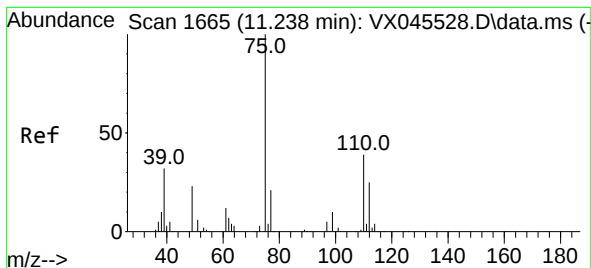
Tgt Ion:117 Resp: 116415
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

Tgt Ion:152 Resp: 47044
Ion Ratio Lower Upper
152 100
115 66.3 46.9 140.7
150 157.6 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.848 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045568.D

Acq: 03 Apr 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

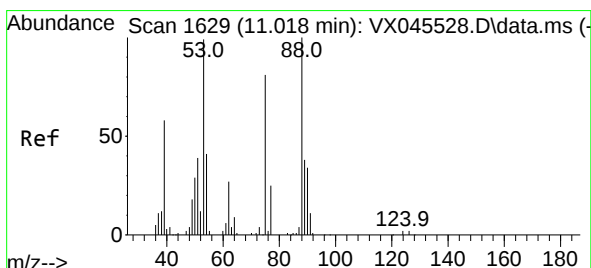
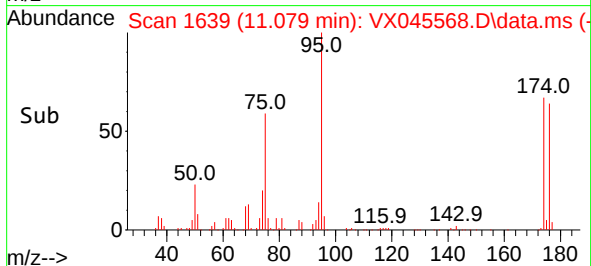
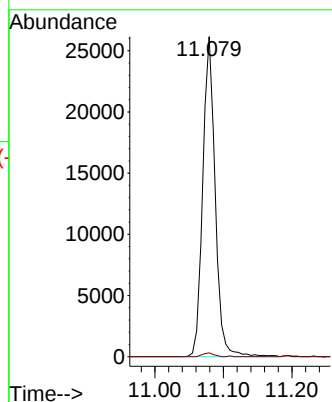
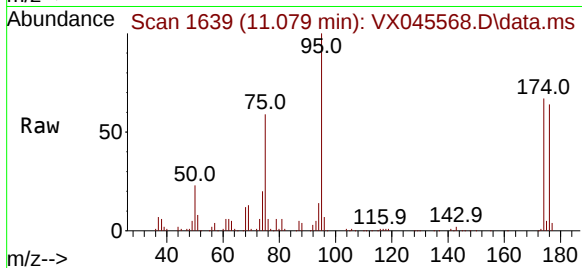
RMW-05B-89-040225

Tgt Ion: 75 Resp: 33103

Ion Ratio Lower Upper

75 100

77 1.1 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.905 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045568.D

Acq: 03 Apr 2025 14:04

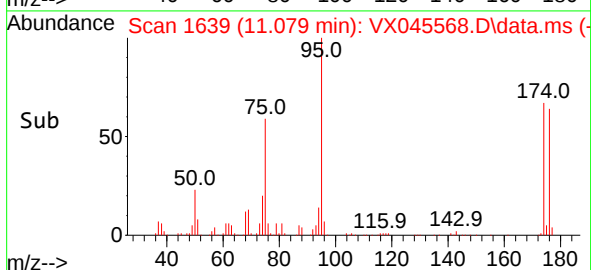
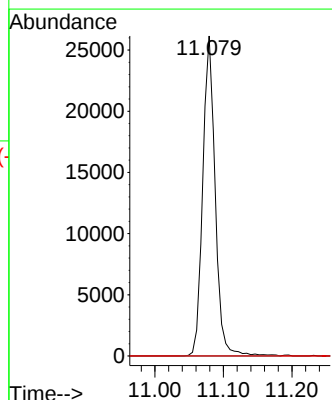
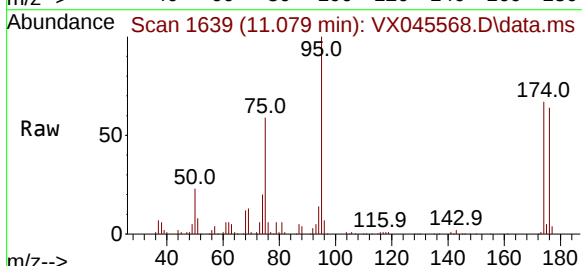
Tgt Ion: 75 Resp: 33103

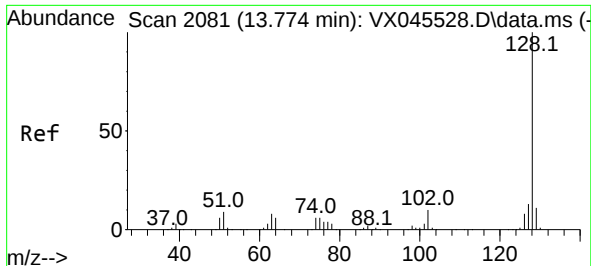
Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

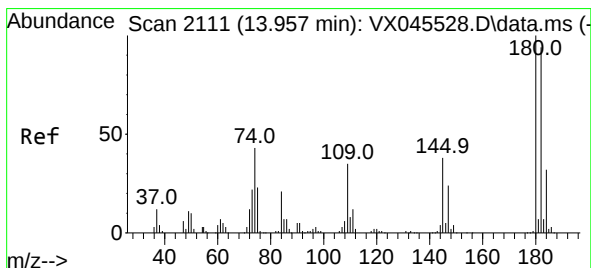
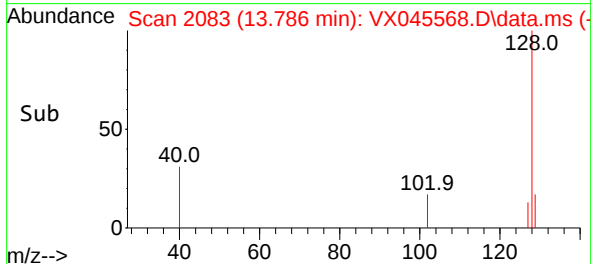
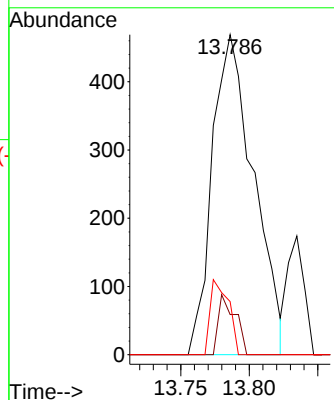
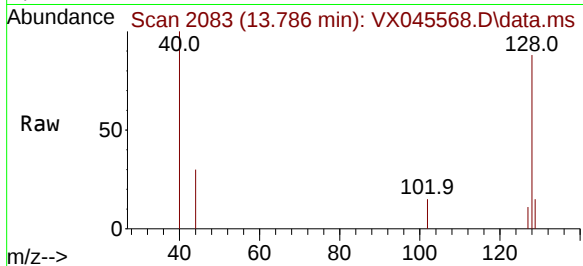




#95
Naphthalene
Concen: 0.302 ug/l
RT: 13.786 min Scan# 2081
Delta R.T. 0.012 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RMW-05B-89-040225

Tgt Ion:128 Resp: 986
Ion Ratio Lower Upper
128 100
127 7.6 10.3 15.5#
129 10.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.205 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.012 min
Lab File: VX045568.D
Acq: 03 Apr 2025 14:04

Tgt Ion:180 Resp: 188
Ion Ratio Lower Upper
180 100
182 108.5 47.3 141.8
145 23.9 18.2 54.6

