

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045268.D
 Acq On : 13 Mar 2025 14:47
 Operator : JC/MD
 Sample : Q1559-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20250310

Quant Time: Mar 14 12:28:38 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)

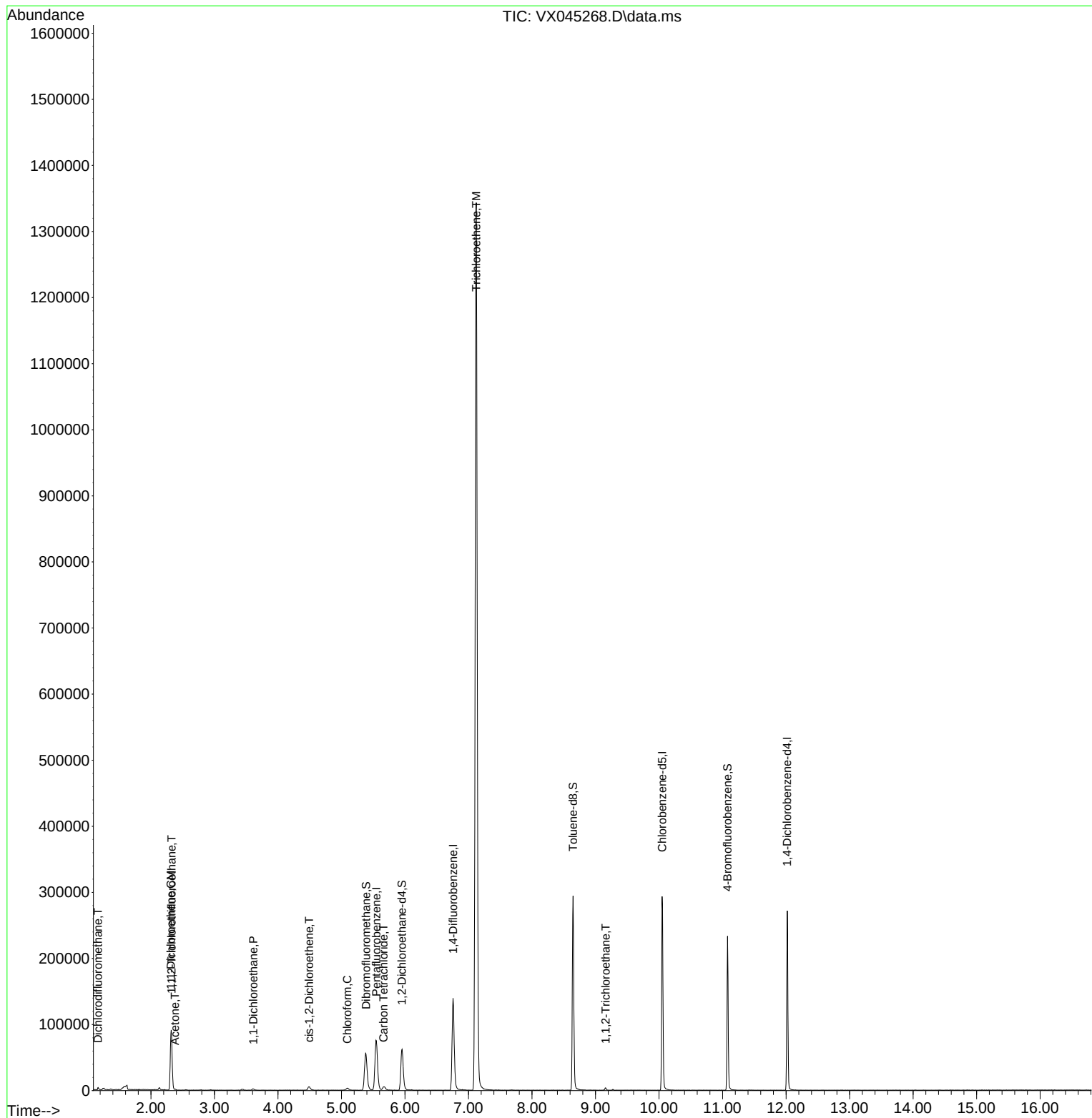
Internal Standards						
1) Pentafluorobenzene	5.550	168	68915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59825	54.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.160%	
35) Dibromofluoromethane	5.385	113	48791	53.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.060%	
50) Toluene-d8	8.647	98	169613	51.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	11.079	95	58569	53.492	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.980%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1959	2.258	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	26617	33.231	ug/l	98
12) 1,1-Dichloroethene	2.313	96	10780	12.730	ug/l	96
16) Acetone	2.380	43	1087	2.137	ug/l	92
24) 1,1-Dichloroethane	3.611	63	2848	1.658	ug/l #	95
27) cis-1,2-Dichloroethene	4.489	96	3543	3.431	ug/l	93
30) Chloroform	5.093	83	3627	2.125	ug/l	98
38) Carbon Tetrachloride	5.660	117	4609	3.632	ug/l	86
44) Trichloroethene	7.123	130	502161	541.835	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	1119	1.174	ug/l #	88

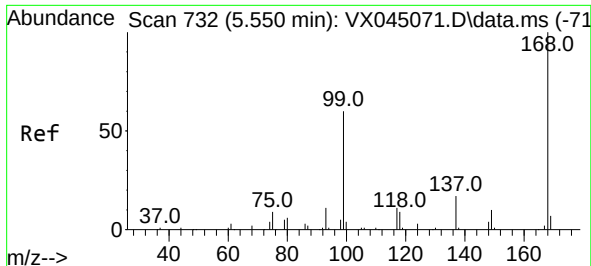
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
Data File : VX045268.D
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MSVOA_X
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RE115D1-20250310

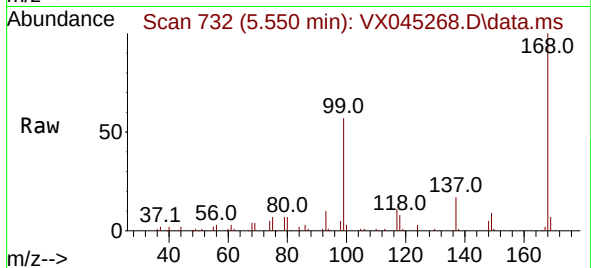
Quant Time: Mar 14 12:28:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



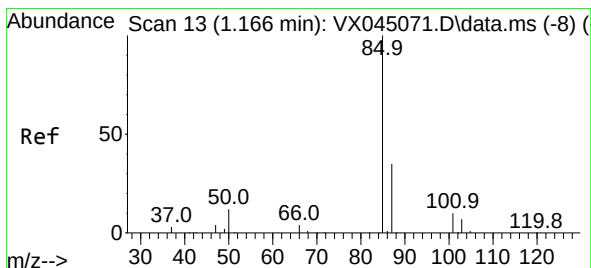
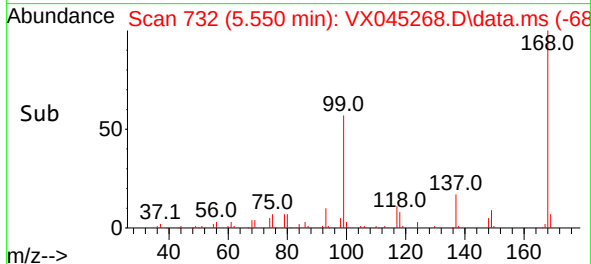
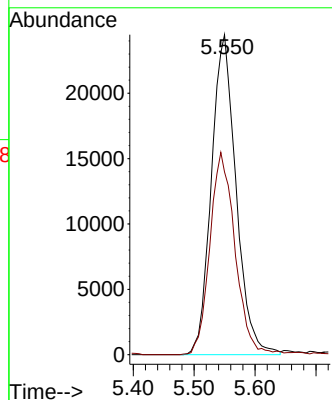


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20250310

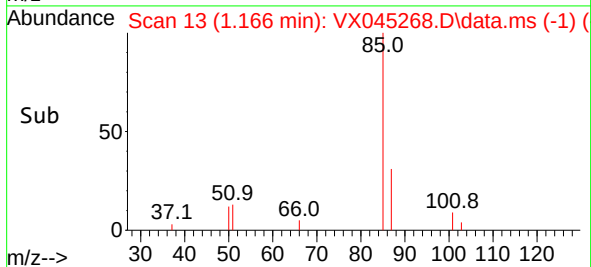
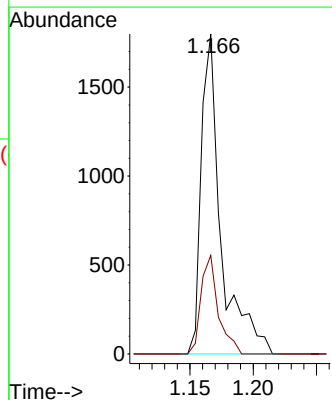
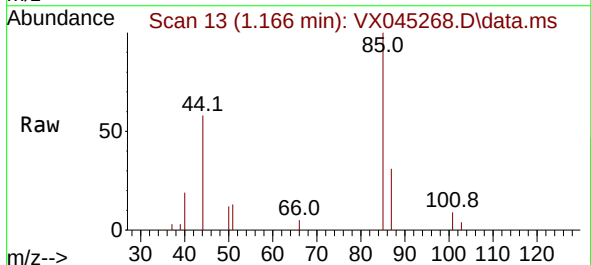


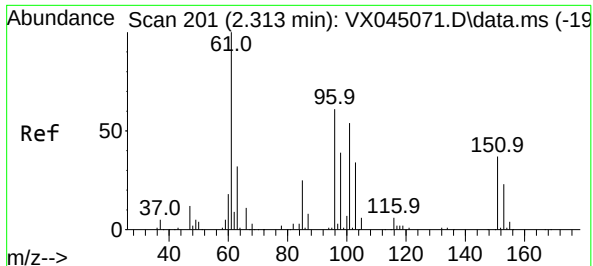
Tgt Ion:168 Resp: 68915
Ion Ratio Lower Upper
168 100
99 57.1 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 2.258 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

Tgt Ion: 85 Resp: 1959
Ion Ratio Lower Upper
85 100
87 30.8 17.4 52.3

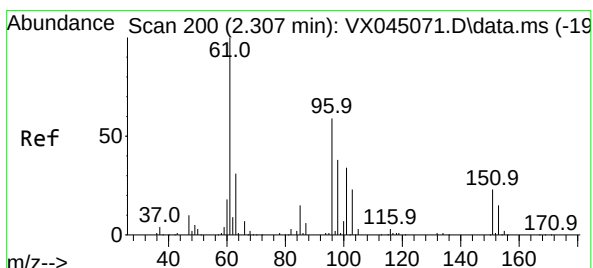
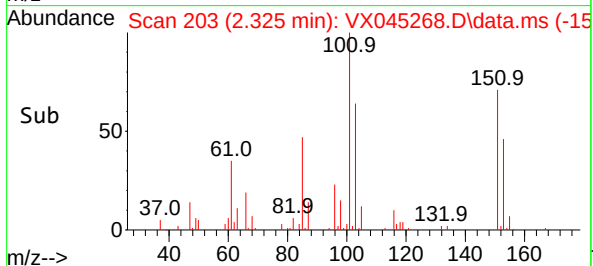
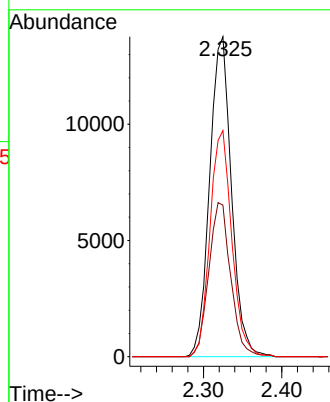
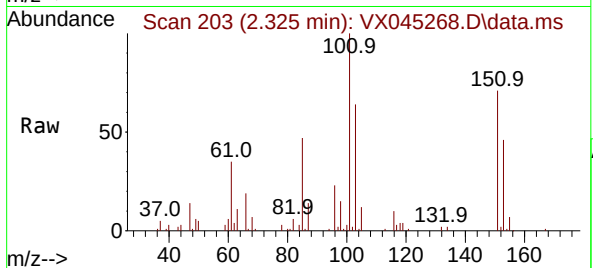




#9
1,1,2-Trichlorotrifluoroethane
Concen: 33.231 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

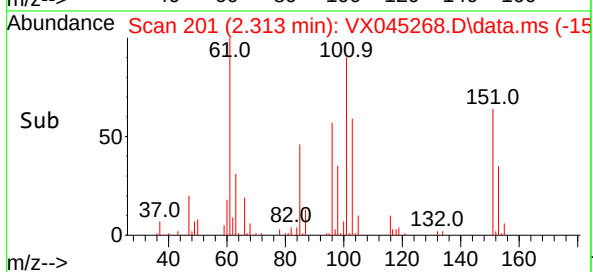
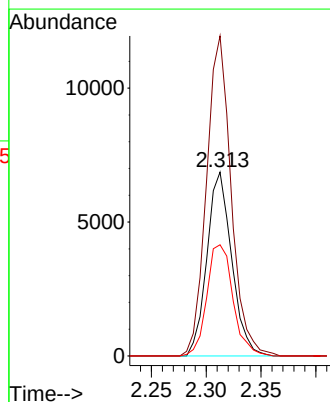
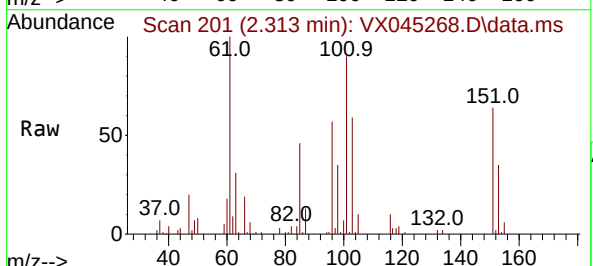
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20250310

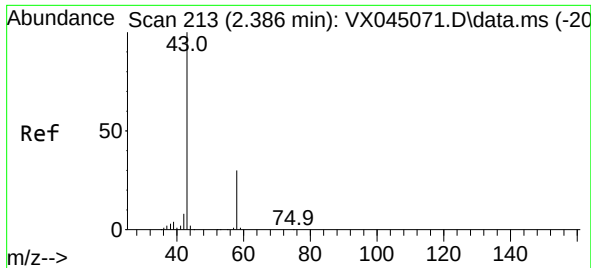
Tgt Ion:101 Resp: 26617
Ion Ratio Lower Upper
101 100
85 48.3 36.2 54.4
151 70.8 56.4 84.6



#12
1,1-Dichloroethene
Concen: 12.730 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

Tgt Ion: 96 Resp: 10780
Ion Ratio Lower Upper
96 100
61 174.1 134.6 202.0
98 60.5 51.0 76.6

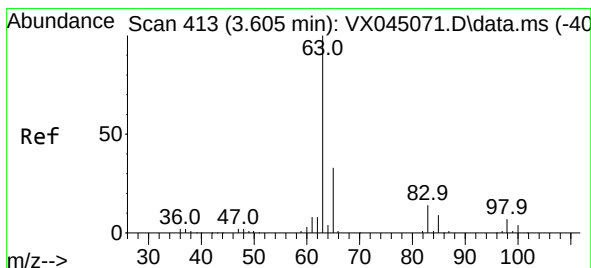
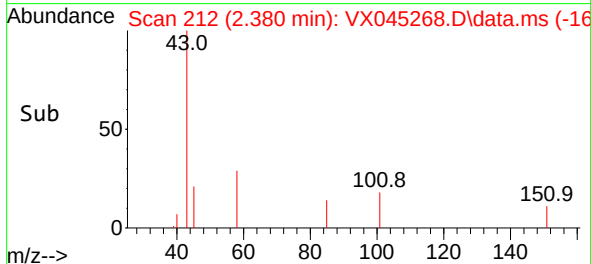
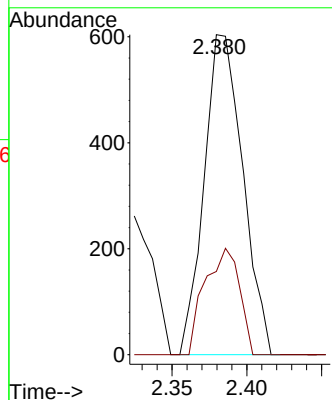
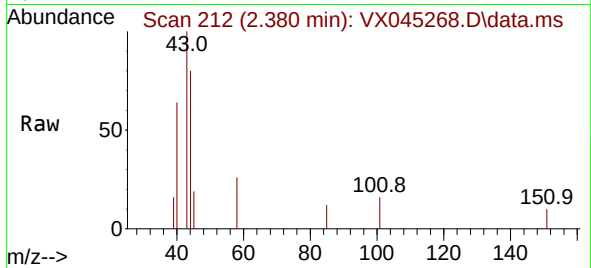




#16
Acetone
Concen: 2.137 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

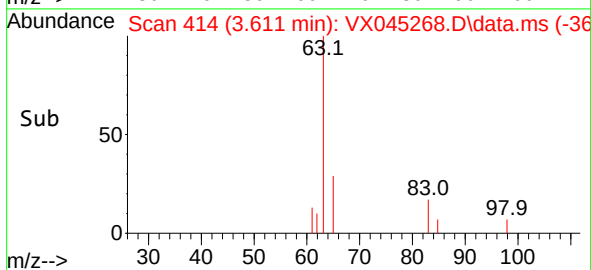
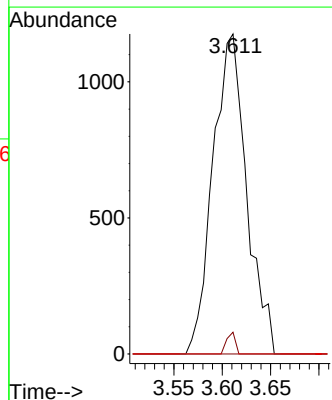
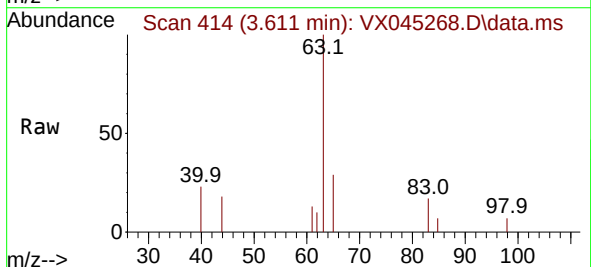
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20250310

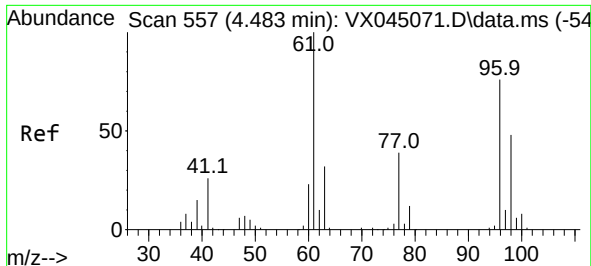
Tgt Ion: 43 Resp: 1087
Ion Ratio Lower Upper
43 100
58 26.0 24.2 36.4



#24
1,1-Dichloroethane
Concen: 1.658 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

Tgt Ion: 63 Resp: 2848
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.2
100 0.0 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 3.431 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX045268.D

Acq: 13 Mar 2025 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20250310

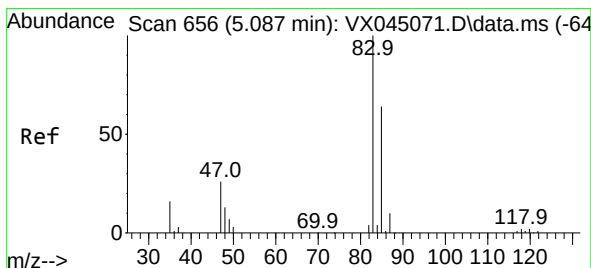
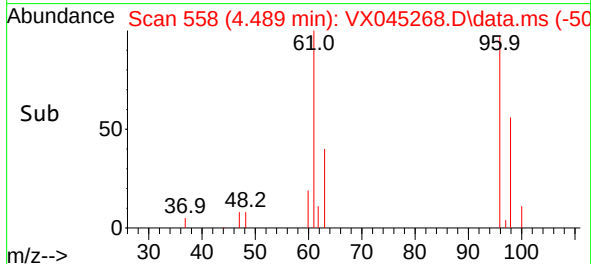
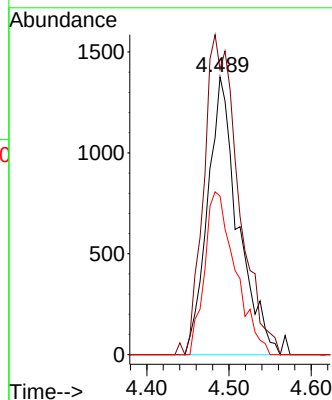
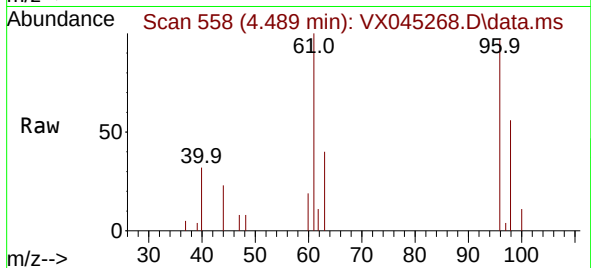
Tgt Ion: 96 Resp: 3543

Ion Ratio Lower Upper

96 100

61 131.8 0.0 283.2

98 59.3 0.0 128.0



#30

Chloroform

Concen: 2.125 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX045268.D

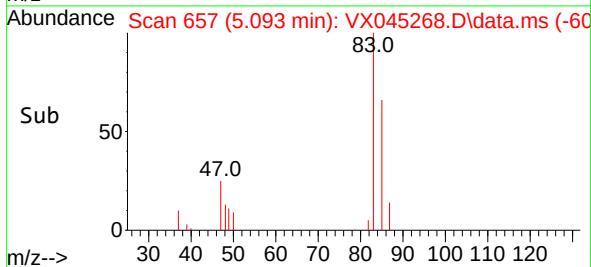
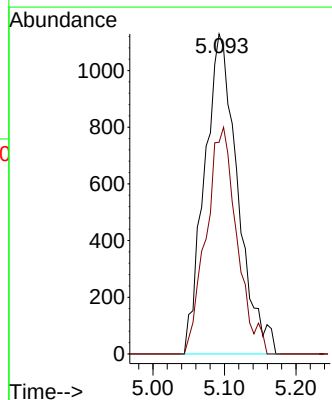
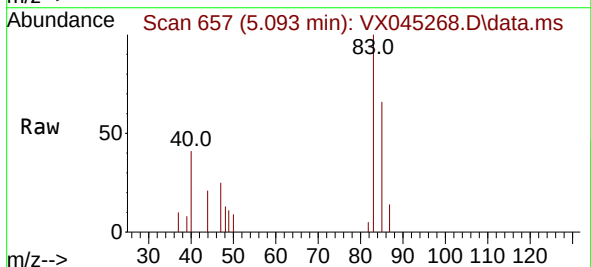
Acq: 13 Mar 2025 14:47

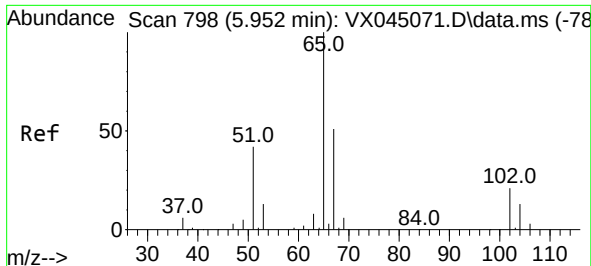
Tgt Ion: 83 Resp: 3627

Ion Ratio Lower Upper

83 100

85 66.2 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 54.575 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045268.D

Acq: 13 Mar 2025 14:47

Instrument :

MSVOA_X

ClientSampleId :

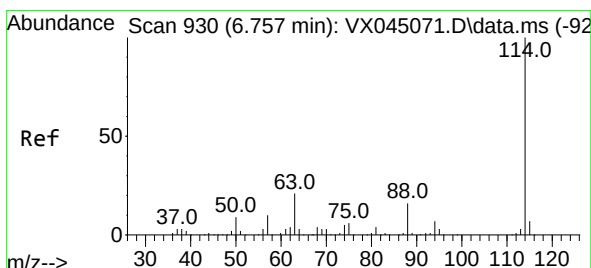
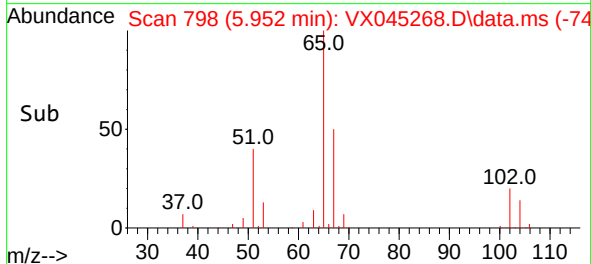
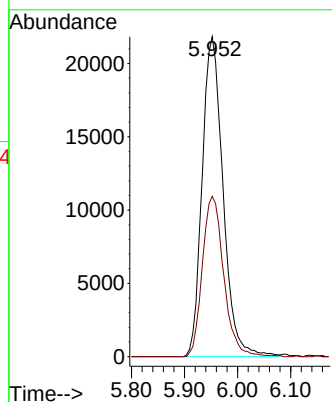
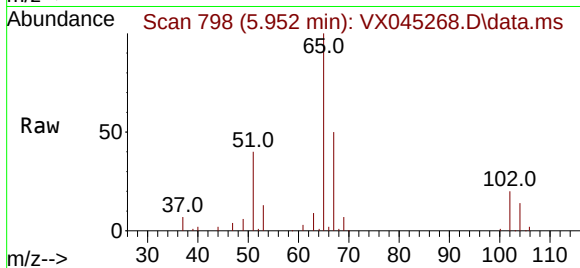
RE115D1-20250310

Tgt Ion: 65 Resp: 59825

Ion Ratio Lower Upper

65 100

67 51.2 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: VX045268.D

Acq: 13 Mar 2025 14:47

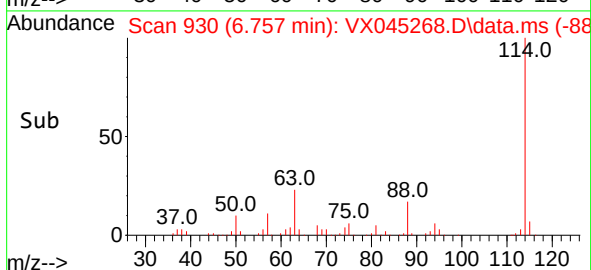
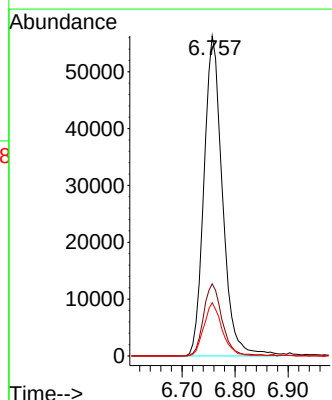
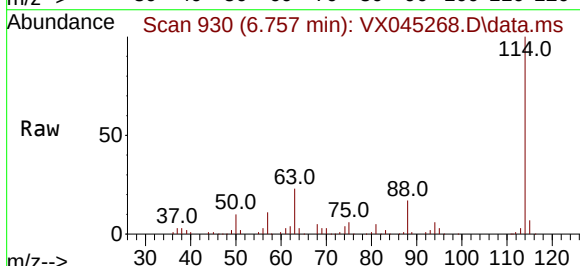
Tgt Ion: 114 Resp: 136302

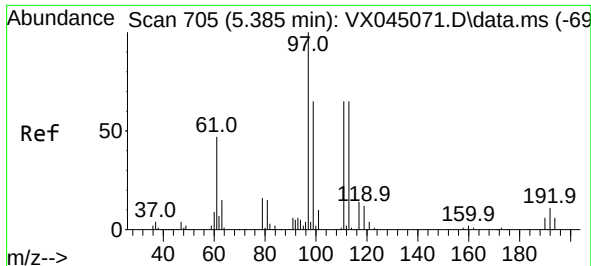
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.7 0.0 32.8

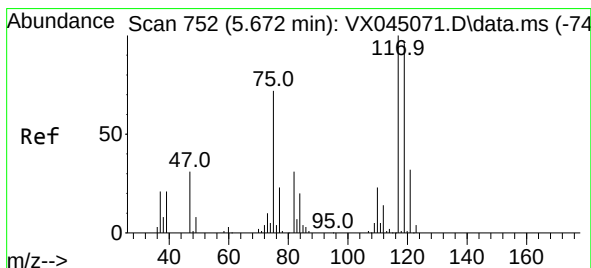
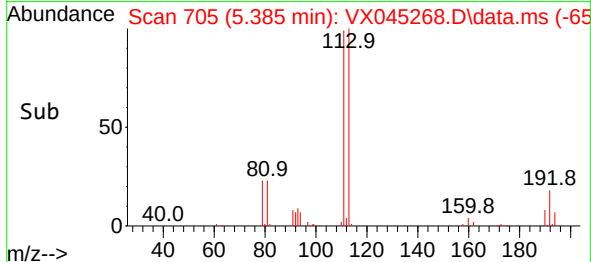
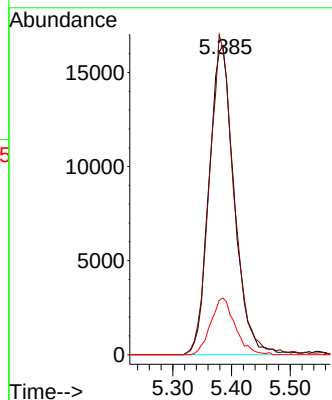
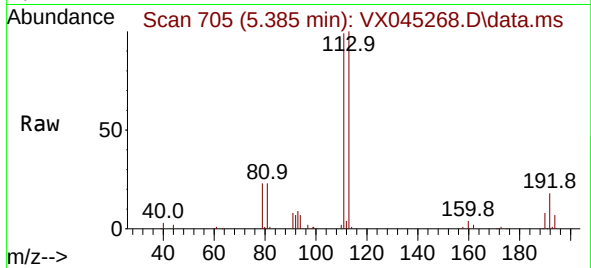




#35
Dibromofluoromethane
Concen: 53.533 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

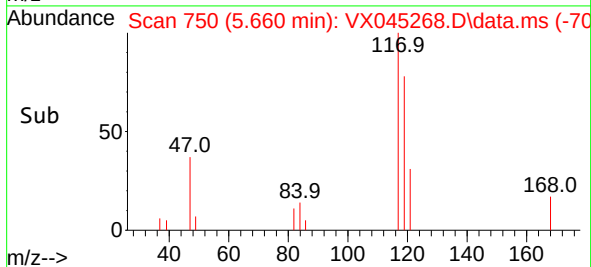
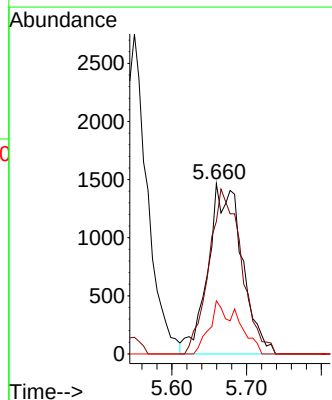
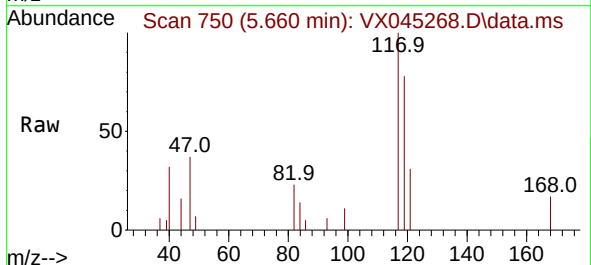
Instrument :
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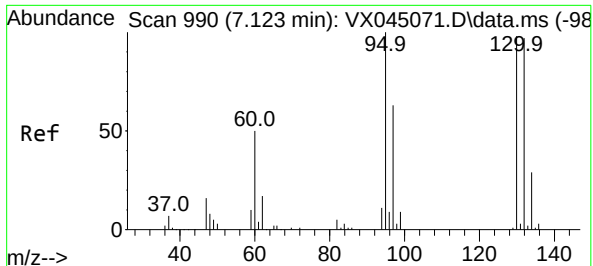
Tgt Ion:113 Resp: 48791
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.6
192 17.8 14.3 21.5



#38
Carbon Tetrachloride
Concen: 3.632 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

Tgt Ion:117 Resp: 4609
Ion Ratio Lower Upper
117 100
119 77.8 76.7 115.1
121 31.2 25.5 38.3

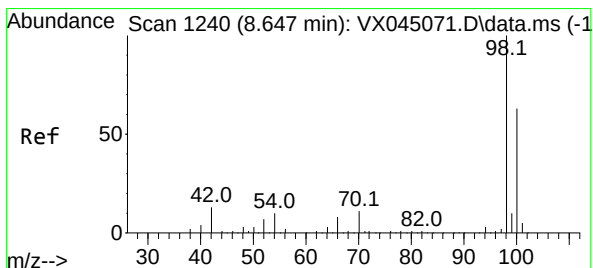
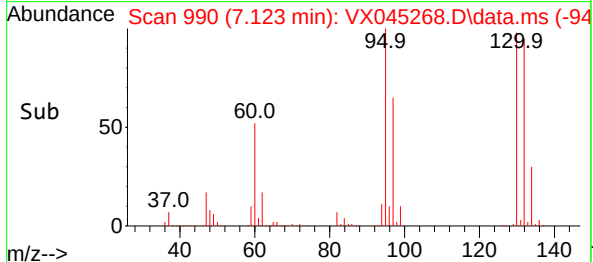
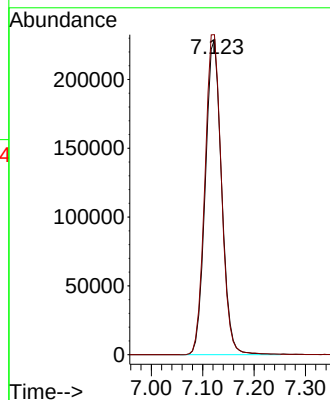
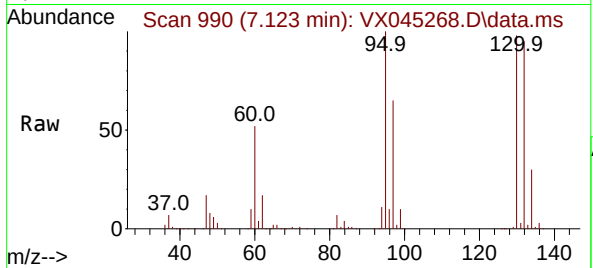




#44
Trichloroethene
Concen: 541.835 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

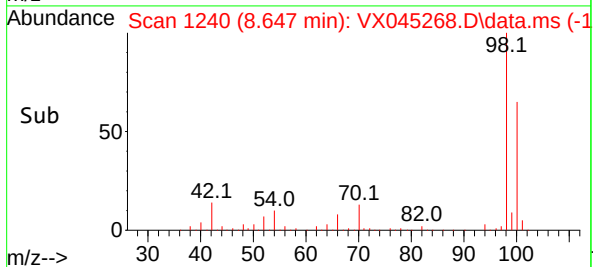
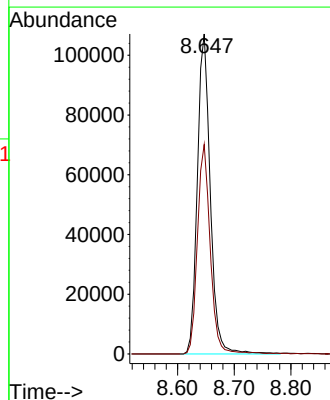
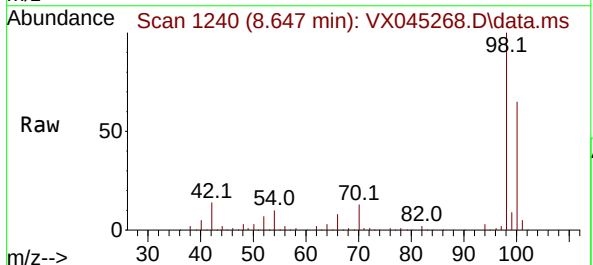
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20250310

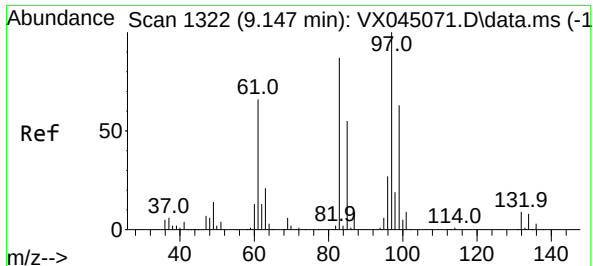
Tgt Ion:130 Resp: 502161
Ion Ratio Lower Upper
130 100
95 101.6 0.0 205.0



#50
Toluene-d8
Concen: 51.333 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

Tgt Ion: 98 Resp: 169613
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#55

1,1,2-Trichloroethane

Concen: 1.174 ug/l

RT: 9.159 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX045268.D

Acq: 13 Mar 2025 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20250310

Tgt Ion: 97 Resp: 1119

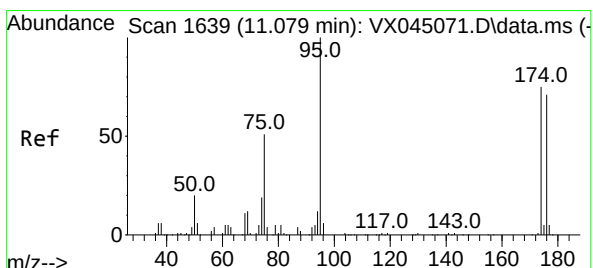
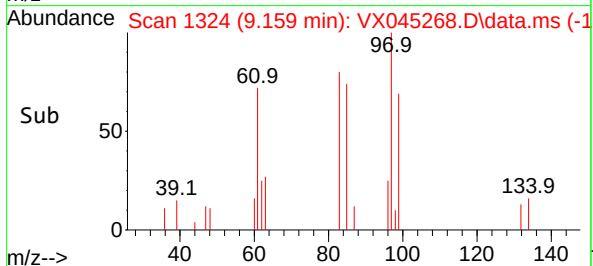
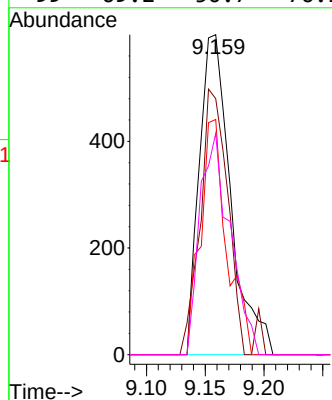
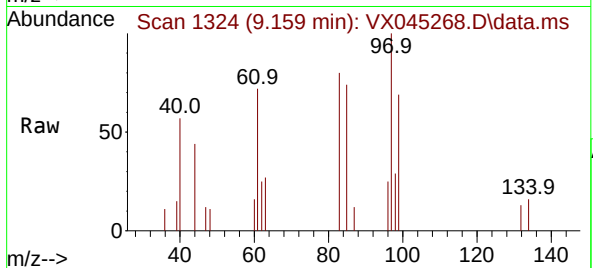
Ion Ratio Lower Upper

97 100

83 80.0 69.4 104.2

85 73.5 44.1 66.1#

99 69.2 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.492 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045268.D

Acq: 13 Mar 2025 14:47

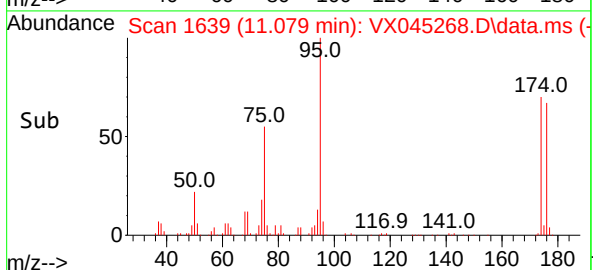
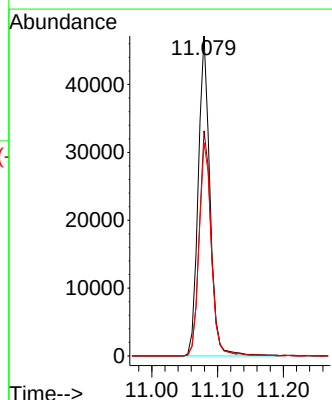
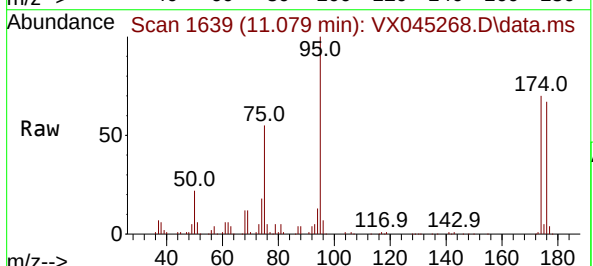
Tgt Ion: 95 Resp: 58569

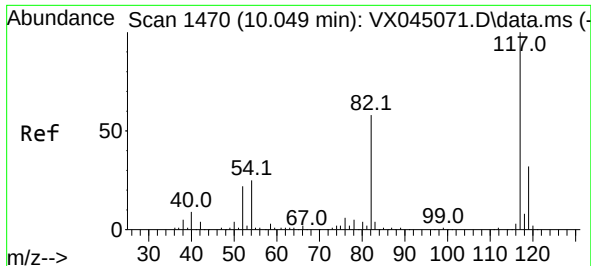
Ion Ratio Lower Upper

95 100

174 71.9 0.0 148.2

176 69.4 0.0 141.4

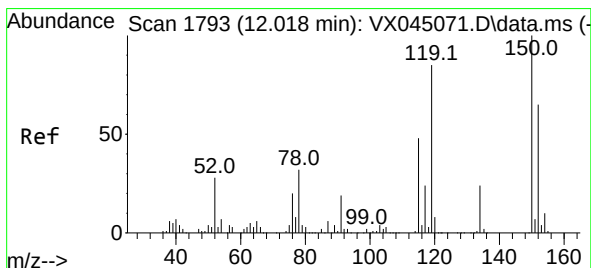
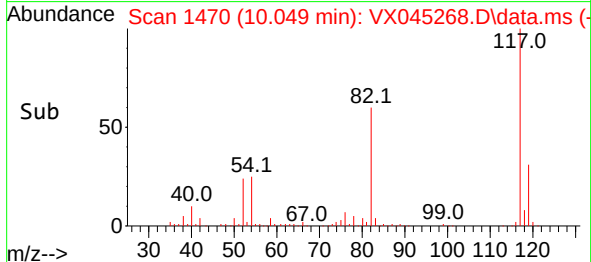
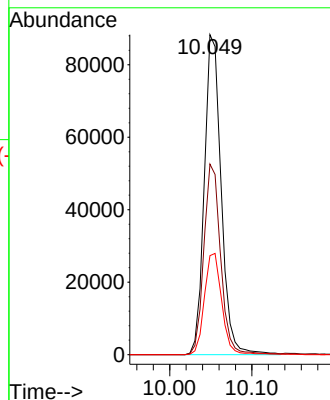
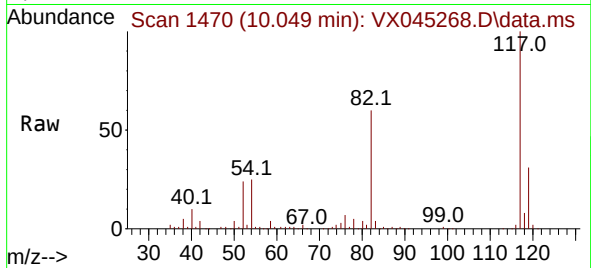




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045268.D
Acq: 13 Mar 2025 14:47

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20250310

Tgt Ion:117 Resp: 126125
Ion Ratio Lower Upper
117 100
82 59.5 46.3 69.5
119 30.9 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: VX045268.D
Acq: 13 Mar 2025 14:47

Tgt Ion:152 Resp: 51157
Ion Ratio Lower Upper
152 100
115 64.3 44.2 132.6
150 157.8 0.0 349.0

