

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045204.D
 Acq On : 10 Mar 2025 18:21
 Operator : JC/MD
 Sample : Q1531-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20250307

Quant Time: Mar 11 04:00:57 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)

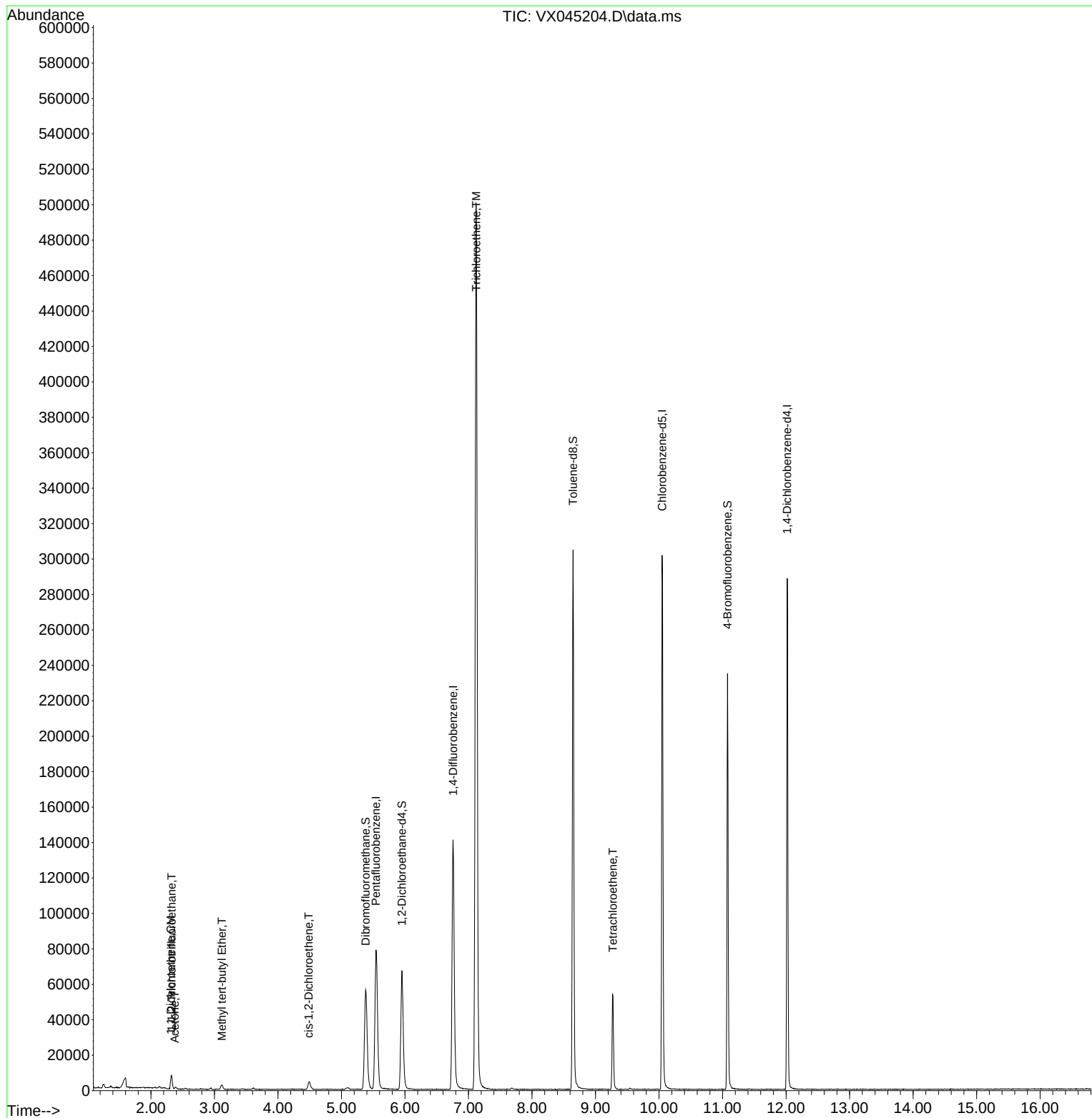
Internal Standards						
1) Pentafluorobenzene	5.544	168	71727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61843	54.204	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.400%		
35) Dibromofluoromethane	5.379	113	49316	51.720	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.440%		
50) Toluene-d8	8.647	98	178157	51.538	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.080%		
62) 4-Bromofluorobenzene	11.079	95	60912	53.176	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 106.360%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	2443	2.930	ug/l	88
12) 1,1-Dichloroethene	2.312	96	701	0.795	ug/l	89
16) Acetone	2.373	43	813	1.536	ug/l #	68
19) Methyl tert-butyl Ether	3.117	73	2614	0.884	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	2902	2.700	ug/l	94
44) Trichloroethene	7.123	130	190197	196.163	ug/l	99
64) Tetrachloroethene	9.275	164	9951	11.785	ug/l	93

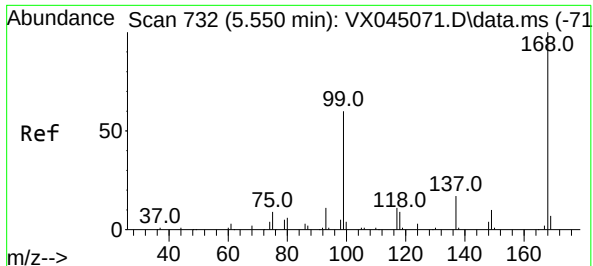
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
Data File : VX045204.D
Acq On : 10 Mar 2025 18:21
Operator : JC/MD
Sample : Q1531-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20250307

Quant Time: Mar 11 04:00:57 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

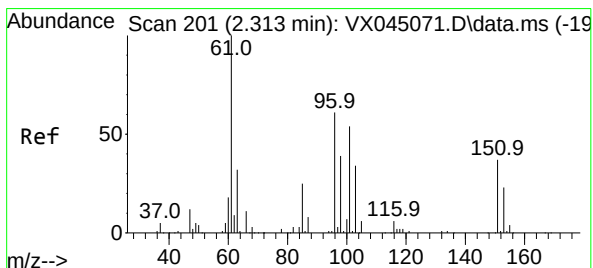
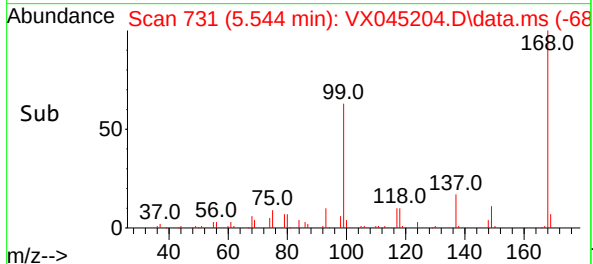
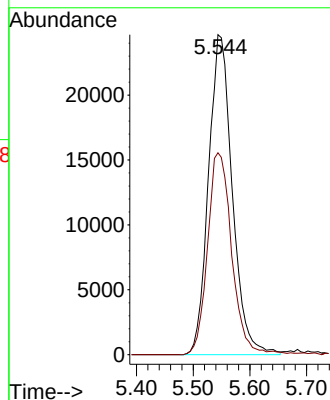
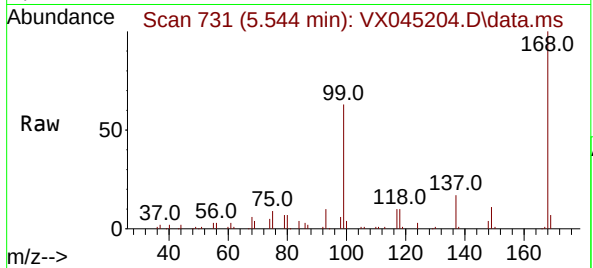




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045204.D
Acq: 10 Mar 2025 18:21

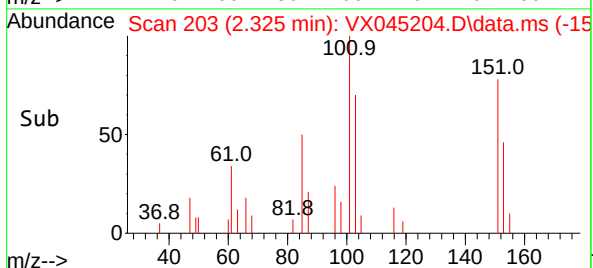
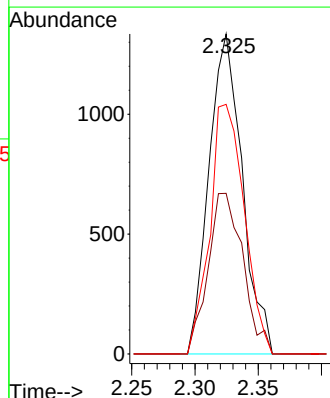
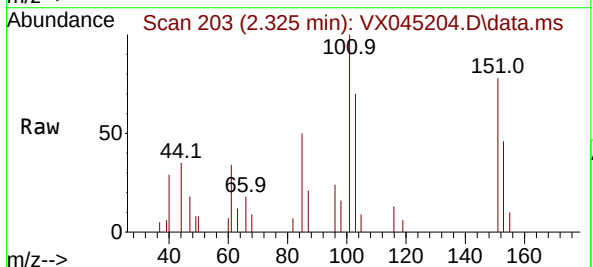
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20250307

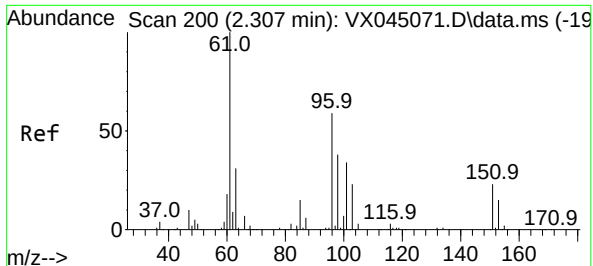
Tgt Ion:168 Resp: 71727
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.930 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045204.D
Acq: 10 Mar 2025 18:21

Tgt Ion:101 Resp: 2443
Ion Ratio Lower Upper
101 100
85 52.6 36.2 54.4
151 80.7 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.795 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045204.D

Acq: 10 Mar 2025 18:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20250307

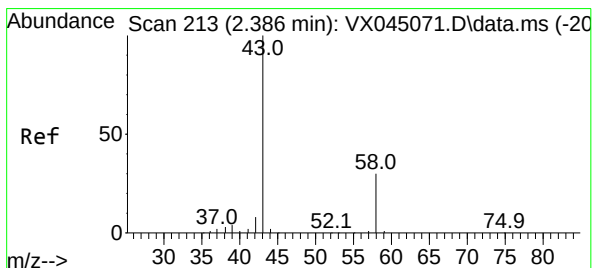
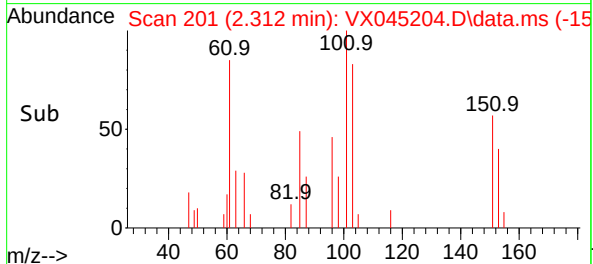
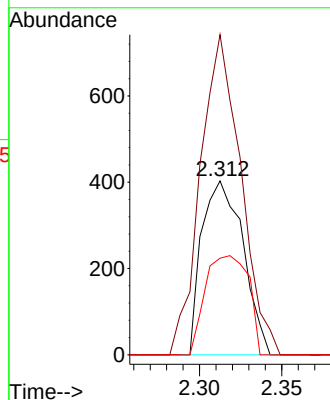
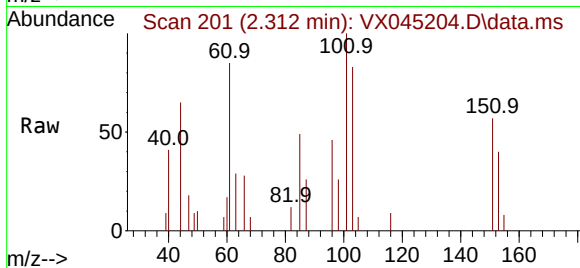
Tgt Ion: 96 Resp: 701

Ion Ratio Lower Upper

96 100

61 184.1 134.6 202.0

98 55.6 51.0 76.6



#16

Acetone

Concen: 1.536 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.012 min

Lab File: VX045204.D

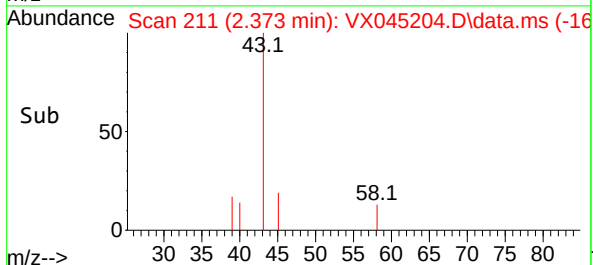
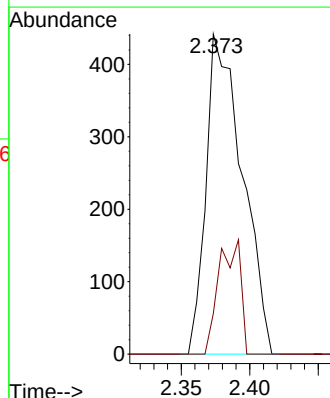
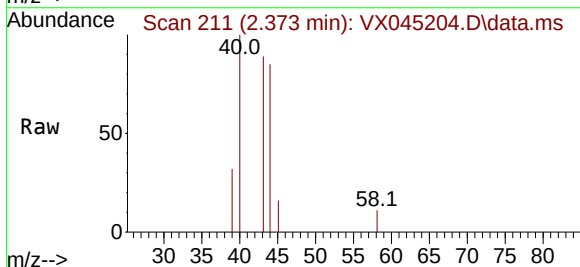
Acq: 10 Mar 2025 18:21

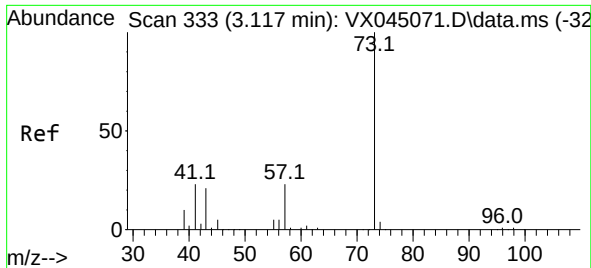
Tgt Ion: 43 Resp: 813

Ion Ratio Lower Upper

43 100

58 12.7 24.2 36.4#

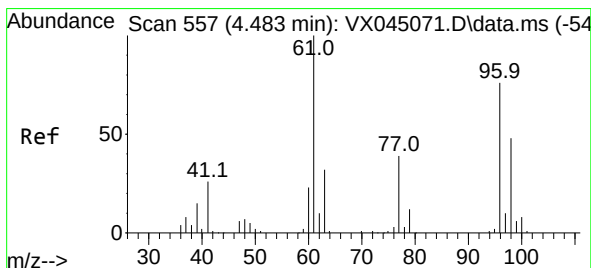
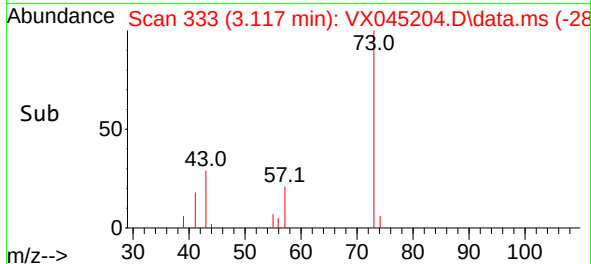
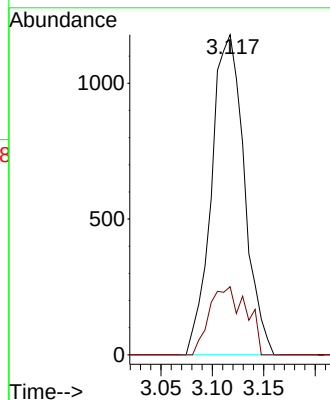
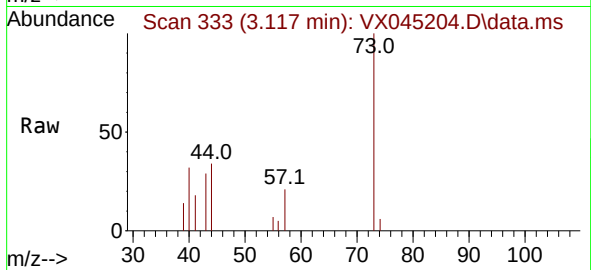




#19
Methyl tert-butyl Ether
Concen: 0.884 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045204.D
Acq: 10 Mar 2025 18:21

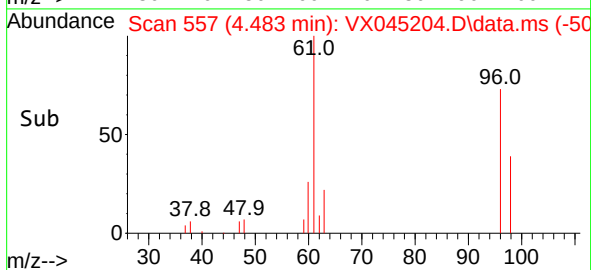
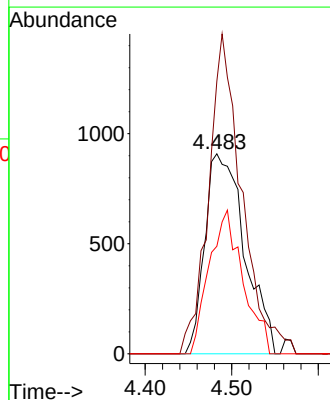
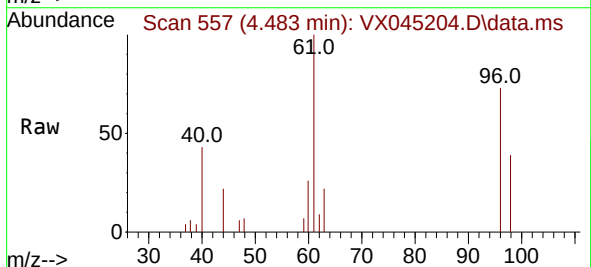
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20250307

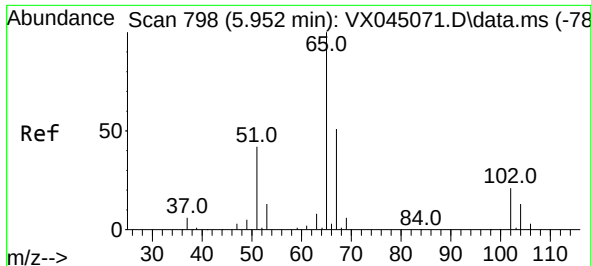
Tgt Ion: 73 Resp: 2614
Ion Ratio Lower Upper
73 100
57 21.3 18.5 27.7



#27
cis-1,2-Dichloroethene
Concen: 2.700 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX045204.D
Acq: 10 Mar 2025 18:21

Tgt Ion: 96 Resp: 2902
Ion Ratio Lower Upper
96 100
61 133.5 0.0 283.2
98 61.1 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 54.204 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045204.D

Acq: 10 Mar 2025 18:21

Instrument :

MSVOA_X

ClientSampleId :

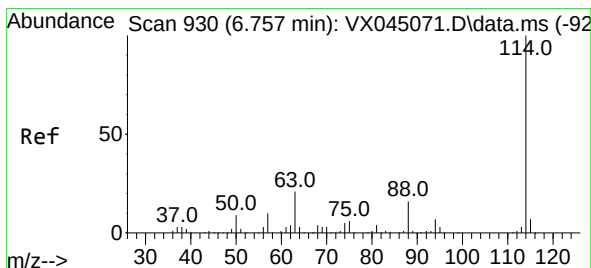
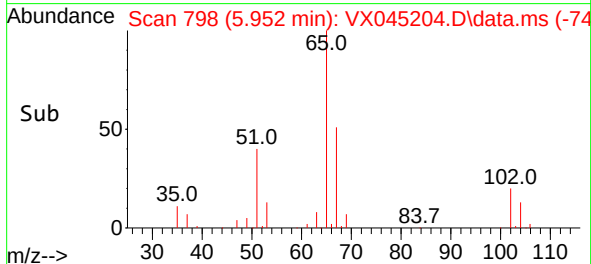
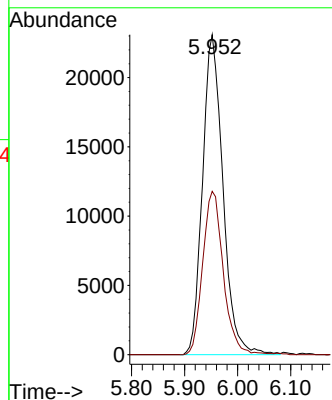
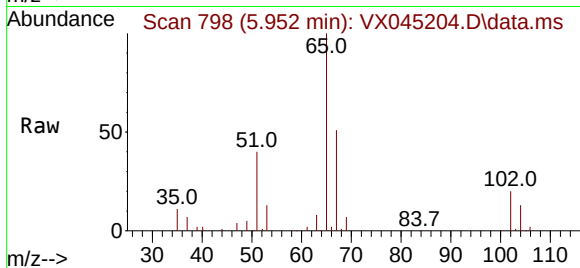
RE125D1-20250307

Tgt Ion: 65 Resp: 61843

Ion Ratio Lower Upper

65 100

67 51.5 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: VX045204.D

Acq: 10 Mar 2025 18:21

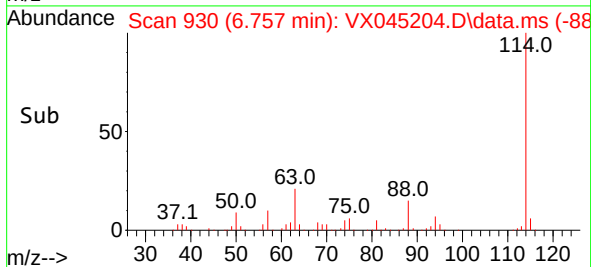
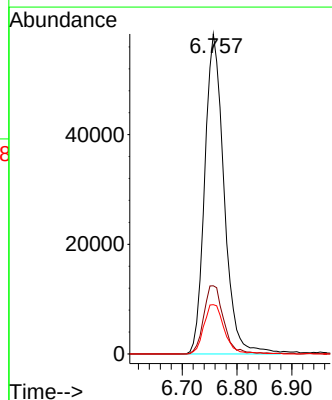
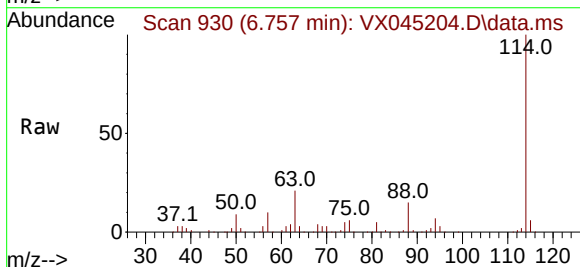
Tgt Ion: 114 Resp: 142598

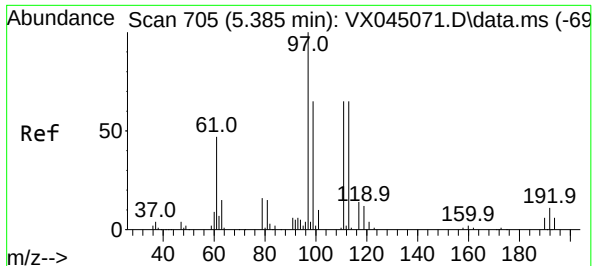
Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.8

88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.720 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045204.D

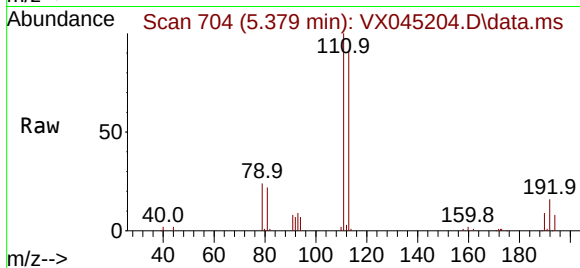
Acq: 10 Mar 2025 18:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20250307



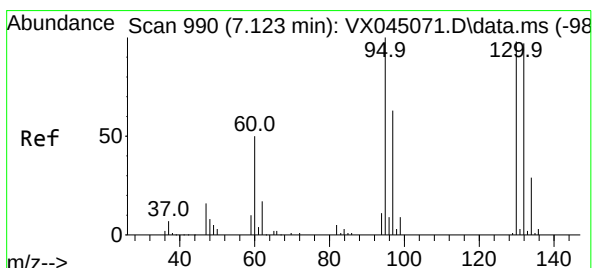
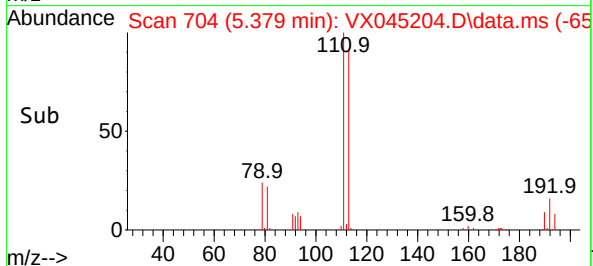
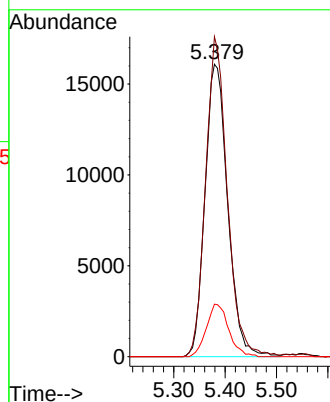
Tgt Ion:113 Resp: 49316

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.6

192 17.7 14.3 21.5



#44

Trichloroethene

Concen: 196.163 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045204.D

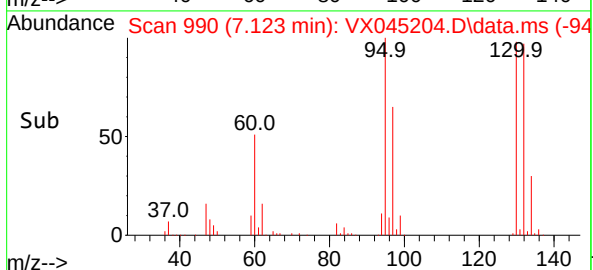
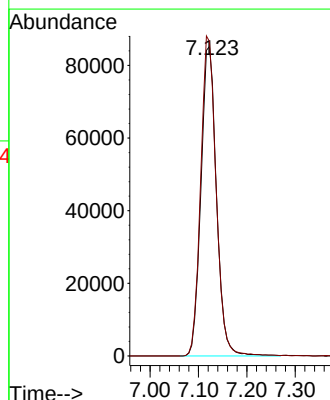
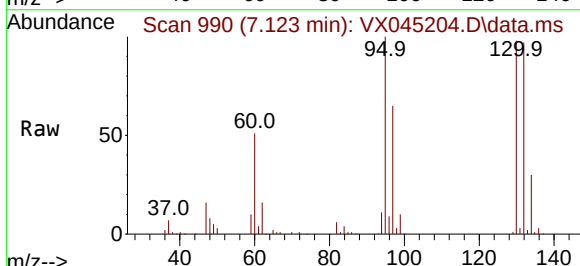
Acq: 10 Mar 2025 18:21

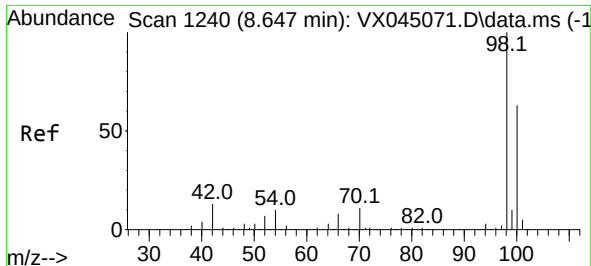
Tgt Ion:130 Resp: 190197

Ion Ratio Lower Upper

130 100

95 101.6 0.0 205.0

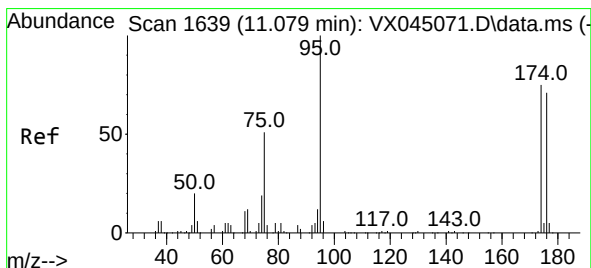
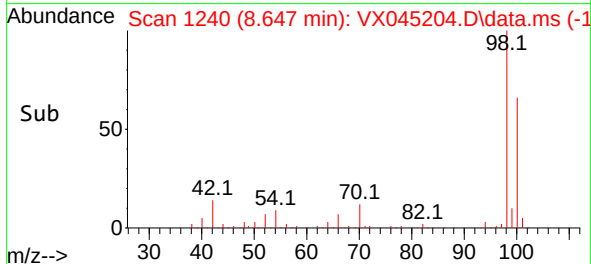
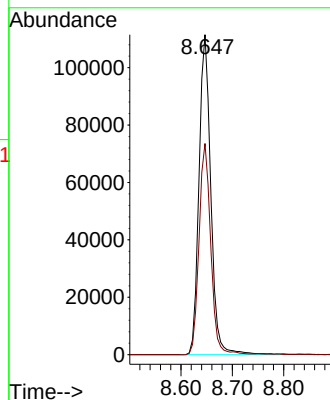
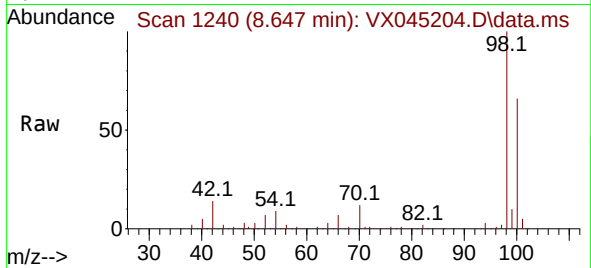




#50
Toluene-d8
Concen: 51.538 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045204.D
Acq: 10 Mar 2025 18:21

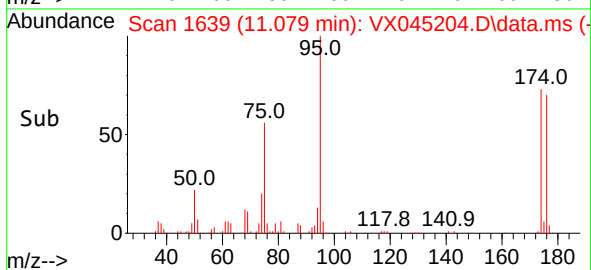
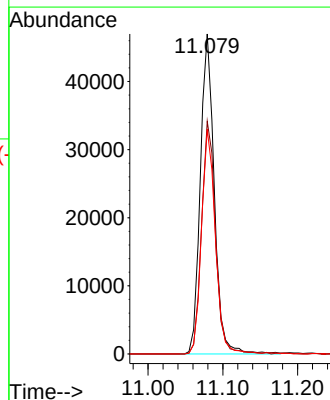
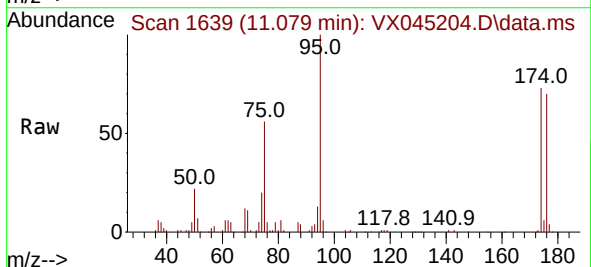
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20250307

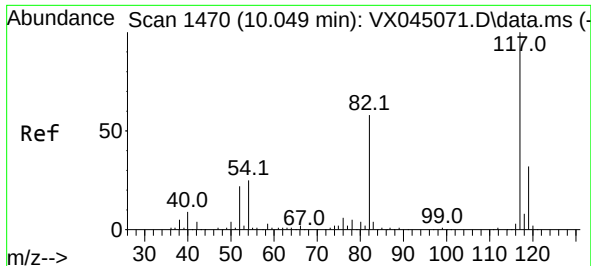
Tgt Ion: 98 Resp: 178157
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045204.D
Acq: 10 Mar 2025 18:21

Tgt Ion: 95 Resp: 60912
Ion Ratio Lower Upper
95 100
174 72.5 0.0 148.2
176 69.8 0.0 141.4

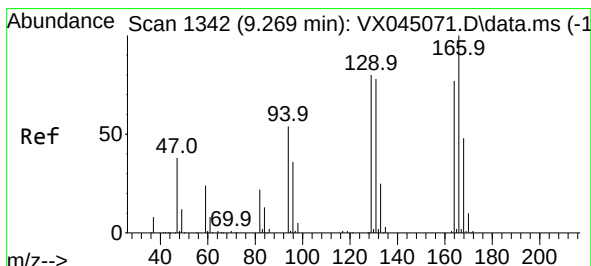
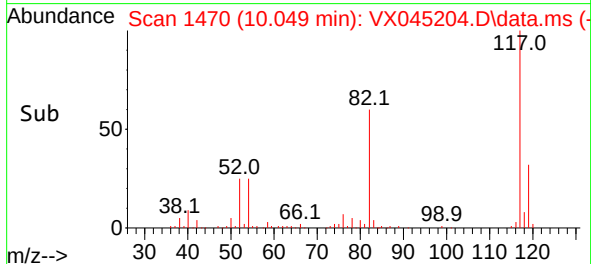
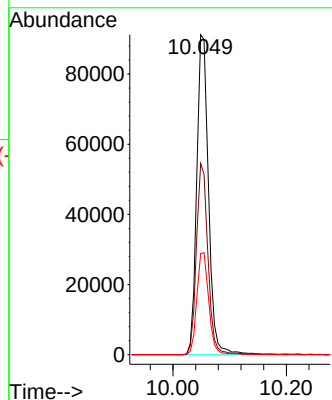
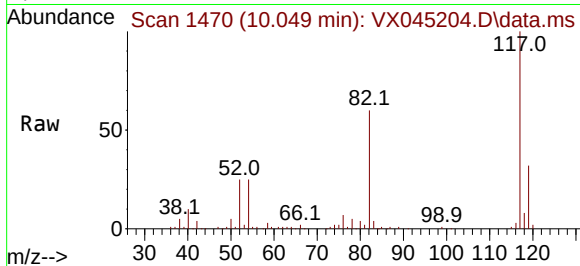




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045204.D
Acq: 10 Mar 2025 18:21

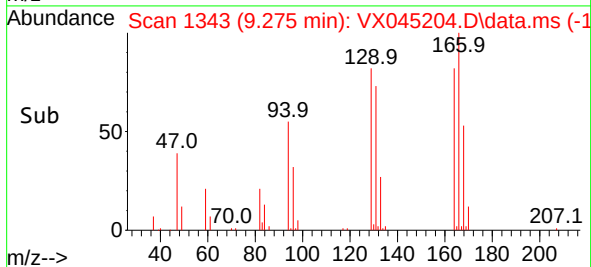
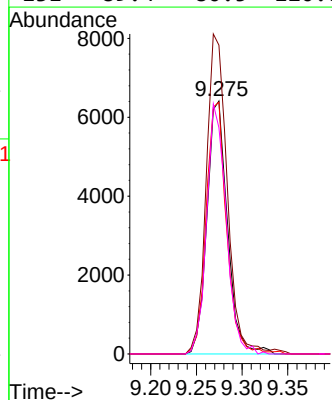
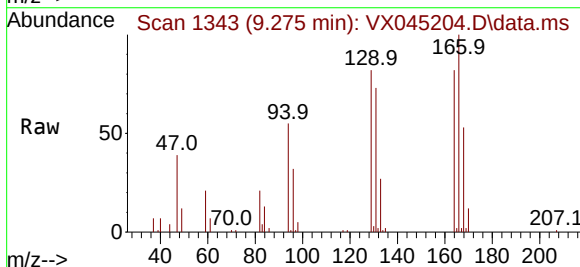
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20250307

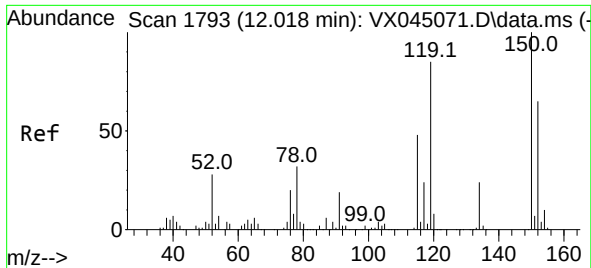
Tgt Ion:117 Resp: 131835
Ion Ratio Lower Upper
117 100
82 59.7 46.3 69.5
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 11.785 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045204.D
Acq: 10 Mar 2025 18:21

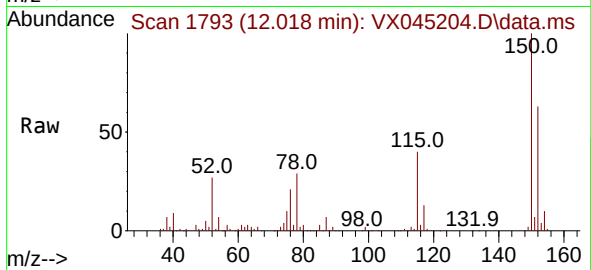
Tgt Ion:164 Resp: 9951
Ion Ratio Lower Upper
164 100
166 122.1 103.6 155.4
129 99.6 82.7 124.1
131 89.4 80.5 120.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045204.D
 Acq: 10 Mar 2025 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20250307



Tgt Ion:152 Resp: 54697
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.2 132.6
 150 158.4 0.0 349.0

