

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045197.D
 Acq On : 10 Mar 2025 15:39
 Operator : JC/MD
 Sample : Q1531-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20250305

Quant Time: Mar 11 03:57:27 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)

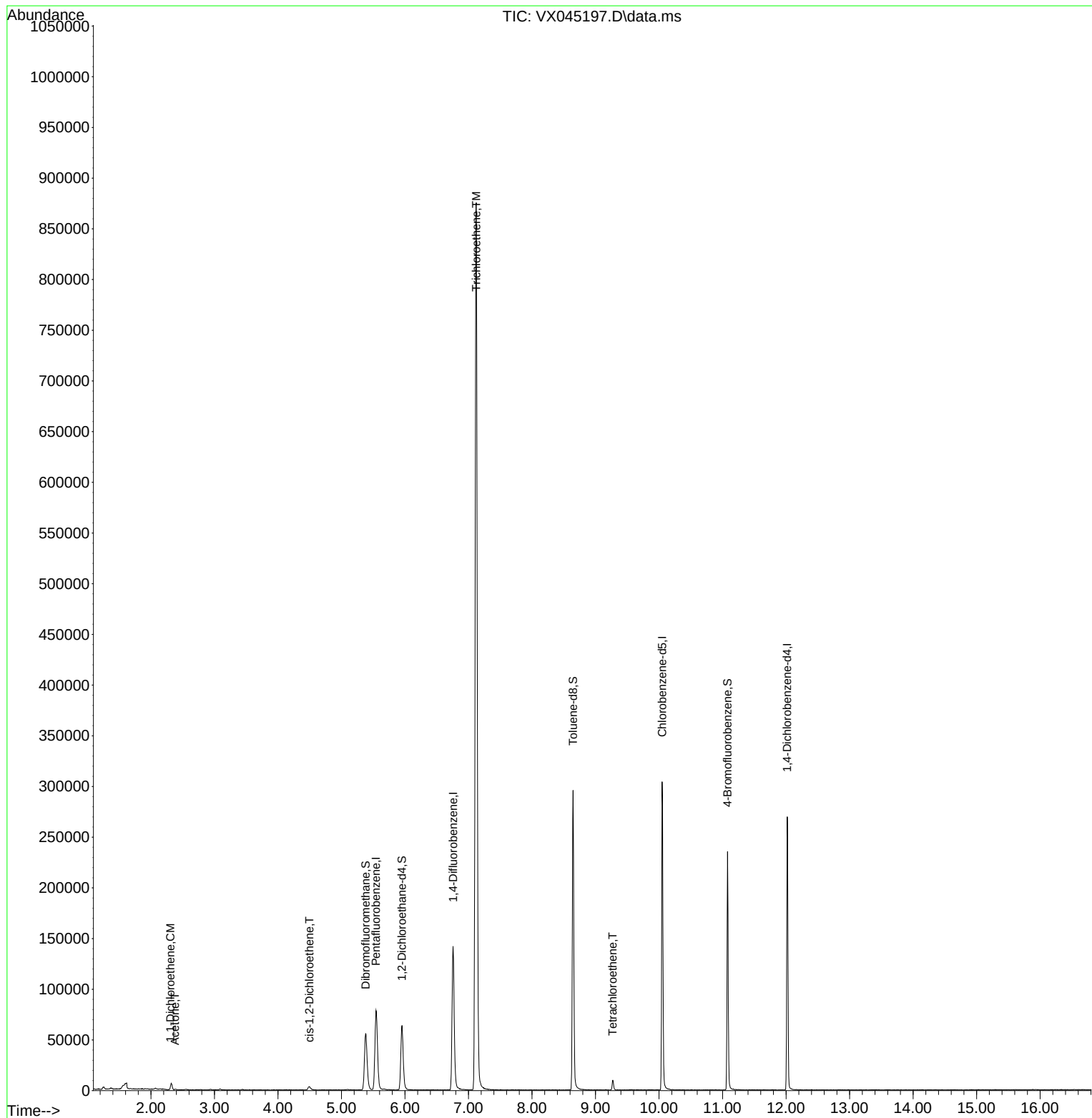
Internal Standards						
1) Pentafluorobenzene	5.544	168	72010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59851	52.252	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	104.500%	
35) Dibromofluoromethane	5.379	113	49186	51.521	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	103.040%	
50) Toluene-d8	8.647	98	175250	50.635	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	101.280%	
62) 4-Bromofluorobenzene	11.079	95	59805	52.146	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	104.300%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.306	96	480	0.542	ug/l	82
16) Acetone	2.380	43	572	1.076	ug/l #	87
27) cis-1,2-Dichloroethene	4.495	96	2264	2.098	ug/l	91
44) Trichloroethene	7.123	130	332633	342.651	ug/l	97
64) Tetrachloroethene	9.269	164	1893	2.260	ug/l	85

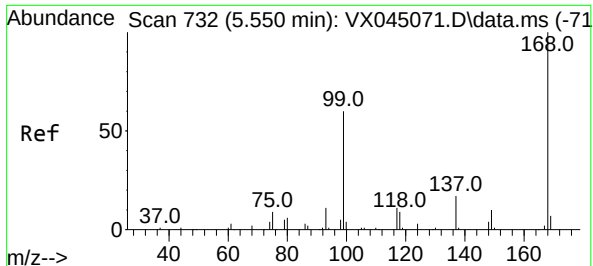
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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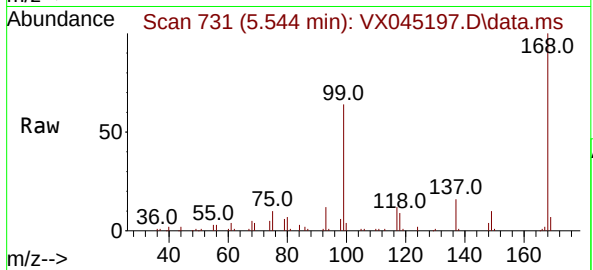
Quant Time: Mar 11 03:57:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



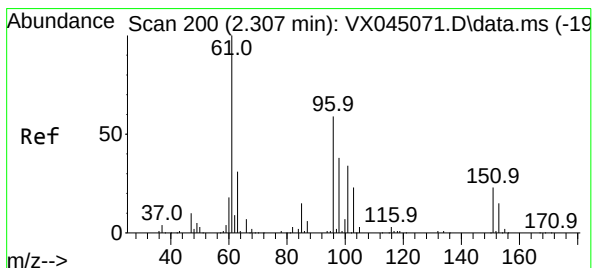
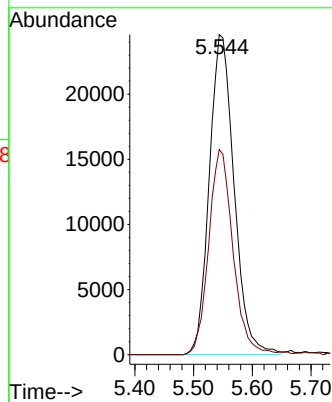
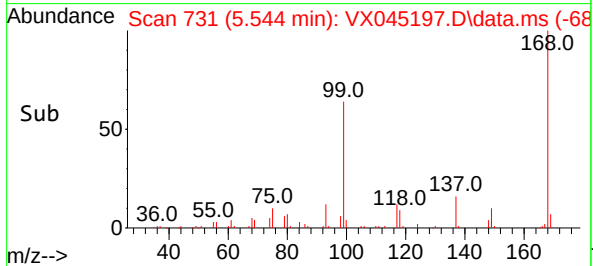


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045197.D
Acq: 10 Mar 2025 15:39

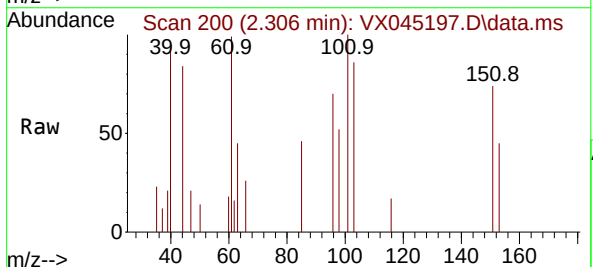
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250305



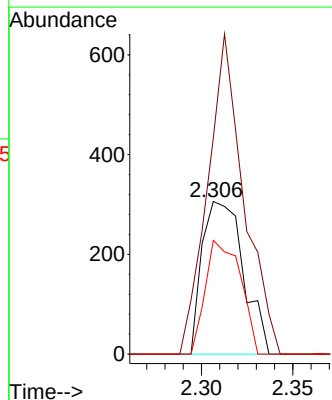
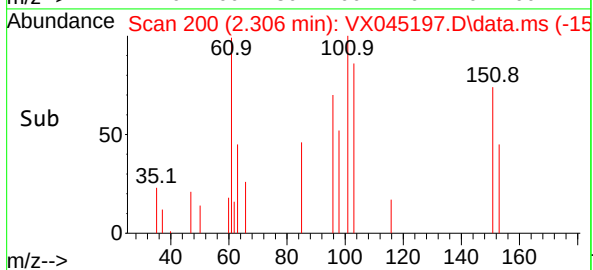
Tgt Ion:168 Resp: 72010
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4

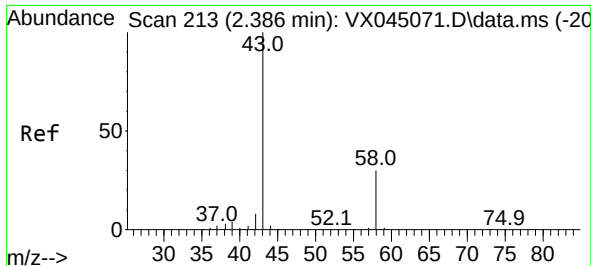


#12
1,1-Dichloroethene
Concen: 0.542 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045197.D
Acq: 10 Mar 2025 15:39



Tgt Ion: 96 Resp: 480
Ion Ratio Lower Upper
96 100
61 141.5 134.6 202.0
98 74.5 51.0 76.6

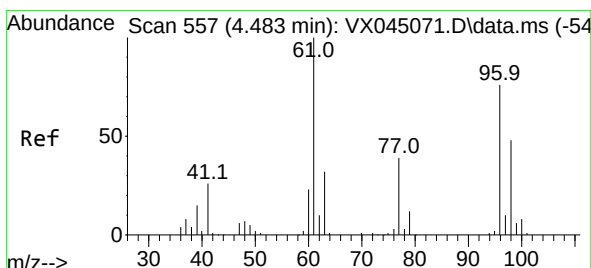
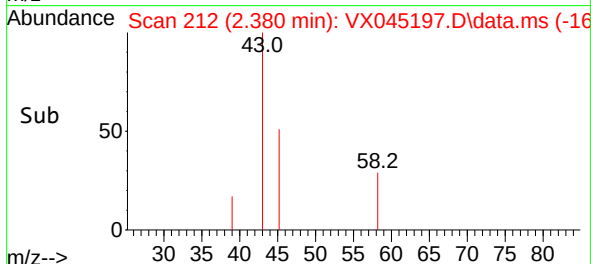
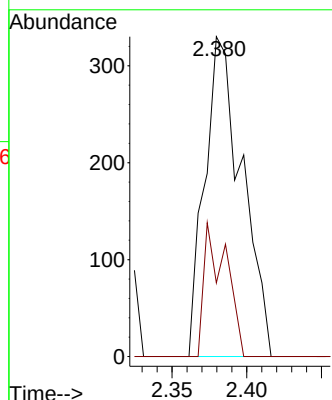
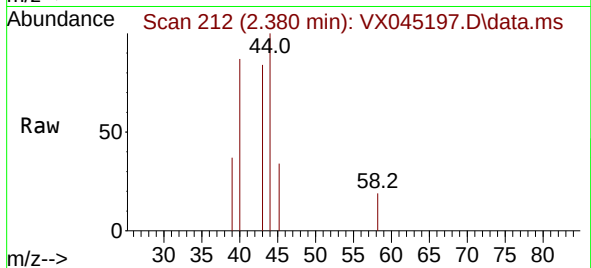




#16
Acetone
Concen: 1.076 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045197.D
Acq: 10 Mar 2025 15:39

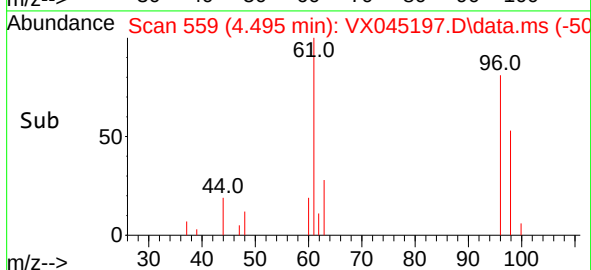
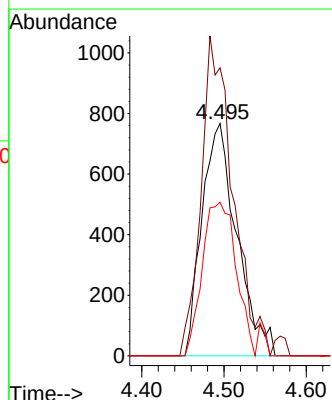
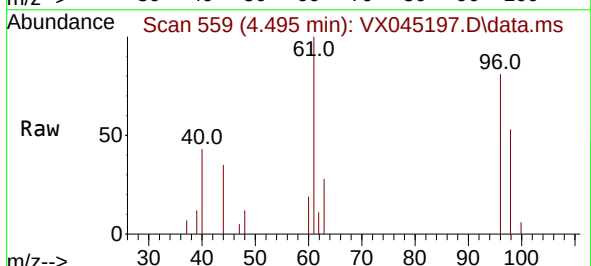
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250305

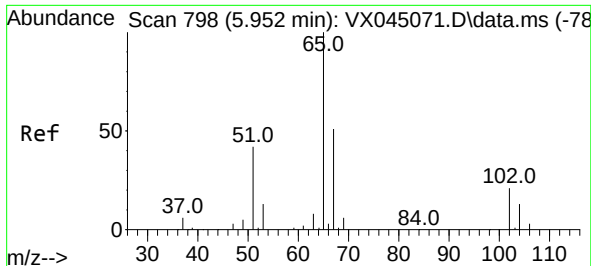
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 23.0 24.2 36.4#



#27
cis-1,2-Dichloroethene
Concen: 2.098 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX045197.D
Acq: 10 Mar 2025 15:39

Tgt Ion: 96 Resp: 2264
Ion Ratio Lower Upper
96 100
61 125.4 0.0 283.2
98 64.0 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 52.252 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045197.D

Acq: 10 Mar 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

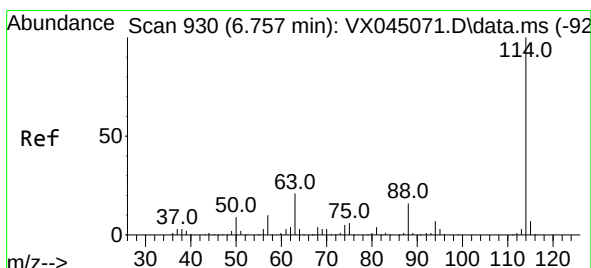
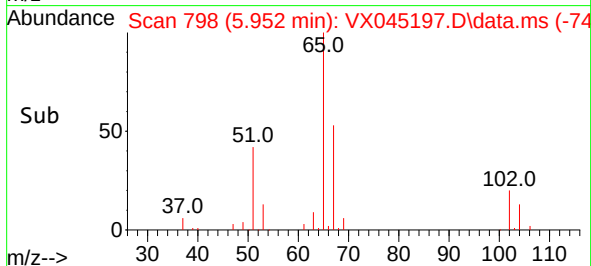
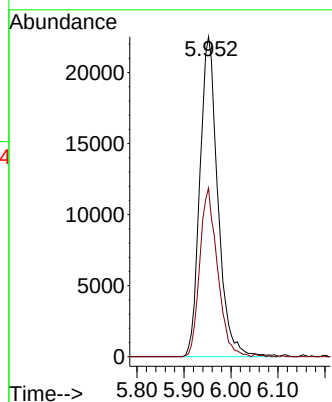
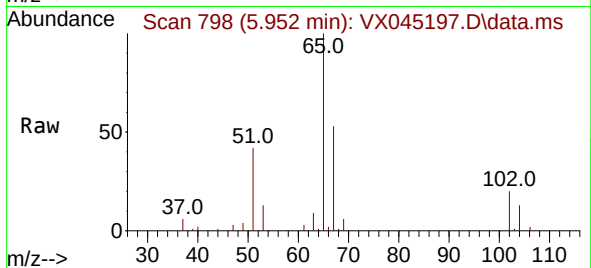
RE122D1-20250305

Tgt Ion: 65 Resp: 59851

Ion Ratio Lower Upper

65 100

67 52.0 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: VX045197.D

Acq: 10 Mar 2025 15:39

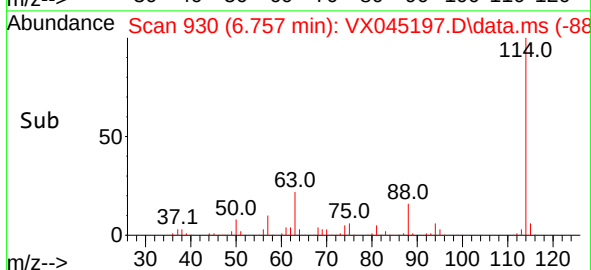
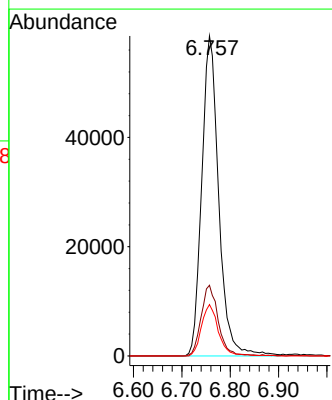
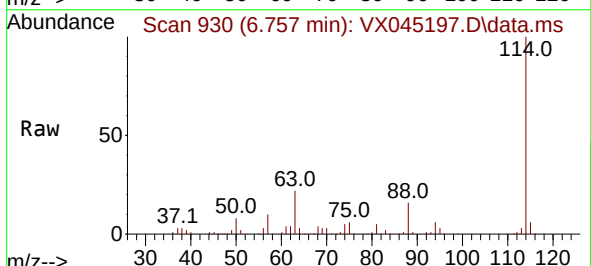
Tgt Ion: 114 Resp: 142771

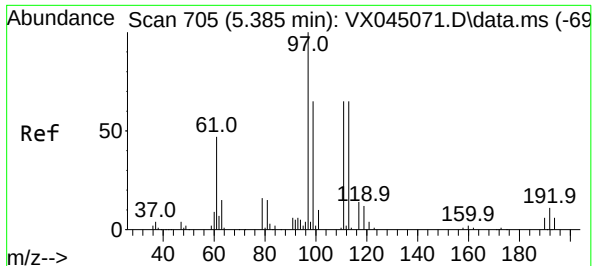
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

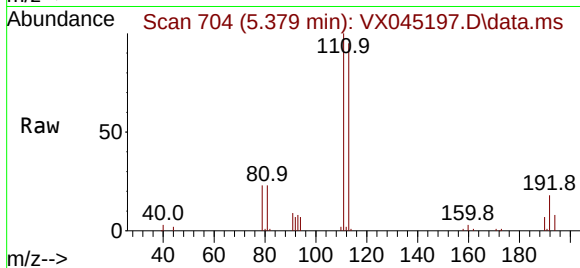
88 16.1 0.0 32.8



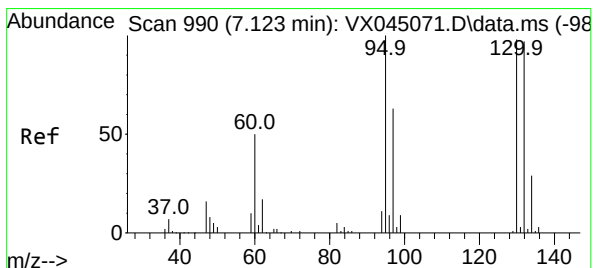
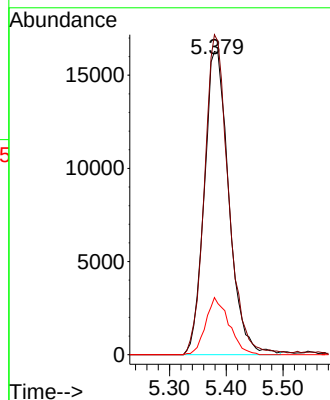
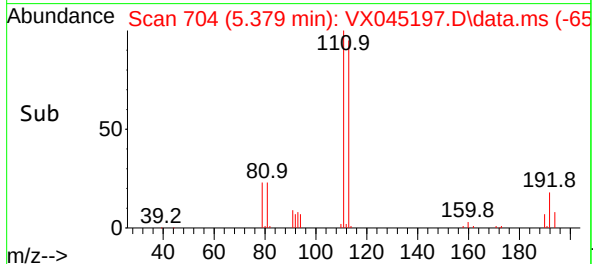


#35
Dibromofluoromethane
Concen: 51.521 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045197.D
Acq: 10 Mar 2025 15:39

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250305

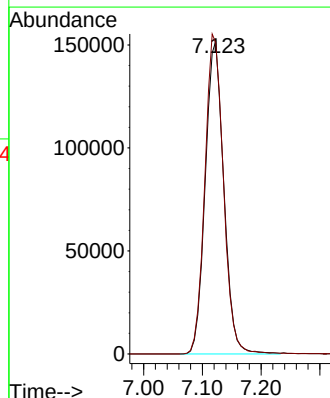
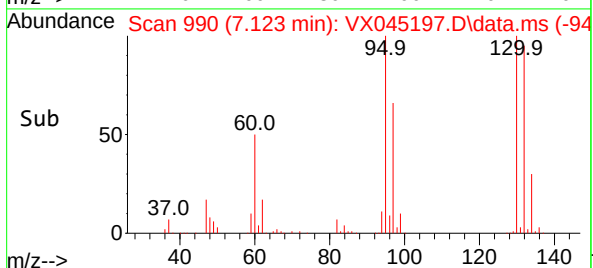
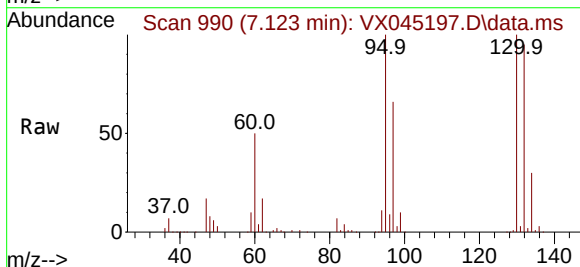


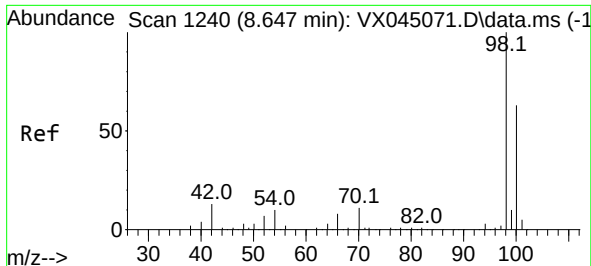
Tgt Ion:113 Resp: 49186
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 17.8 14.3 21.5



#44
Trichloroethene
Concen: 342.651 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045197.D
Acq: 10 Mar 2025 15:39

Tgt Ion:130 Resp: 332633
Ion Ratio Lower Upper
130 100
95 99.5 0.0 205.0

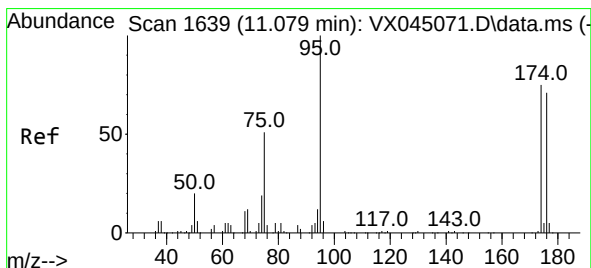
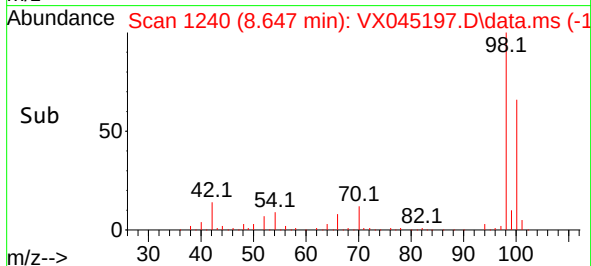
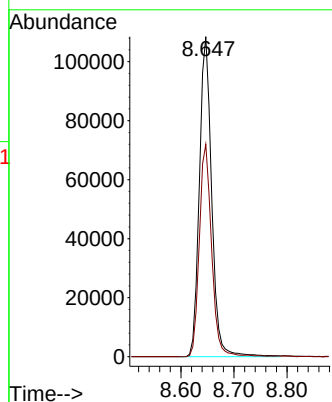
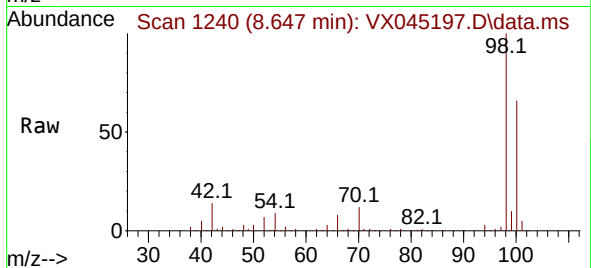




#50
Toluene-d8
Concen: 50.635 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045197.D
Acq: 10 Mar 2025 15:39

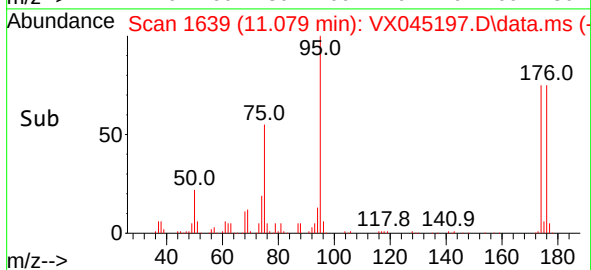
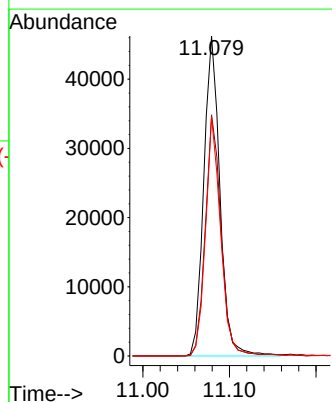
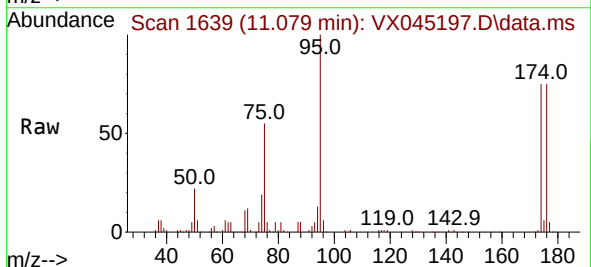
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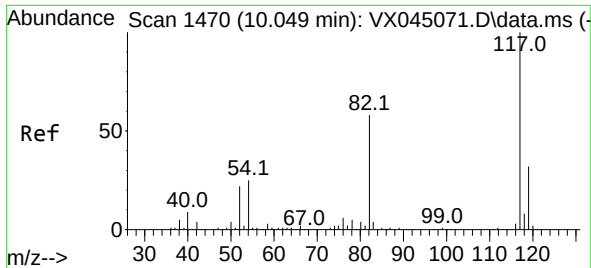
Tgt Ion: 98 Resp: 175250
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045197.D
Acq: 10 Mar 2025 15:39

Tgt Ion: 95 Resp: 59805
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.2
176 70.3 0.0 141.4

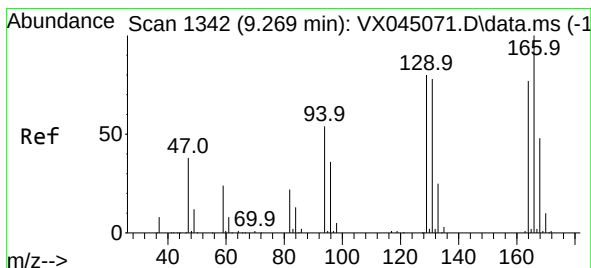
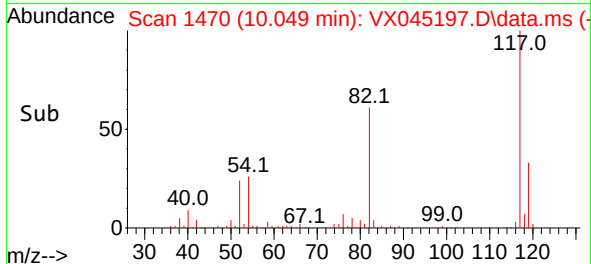
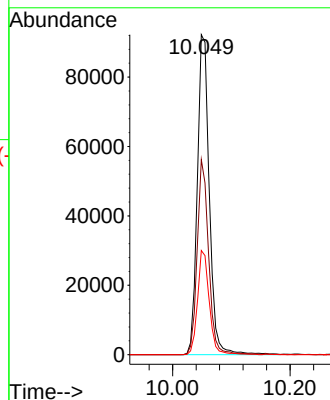
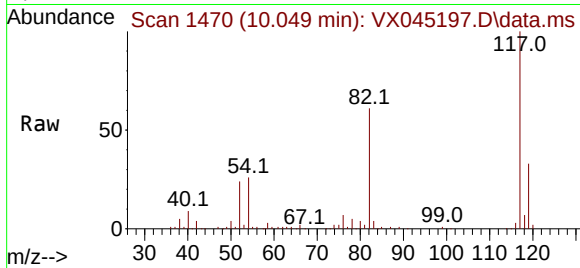




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045197.D
Acq: 10 Mar 2025 15:39

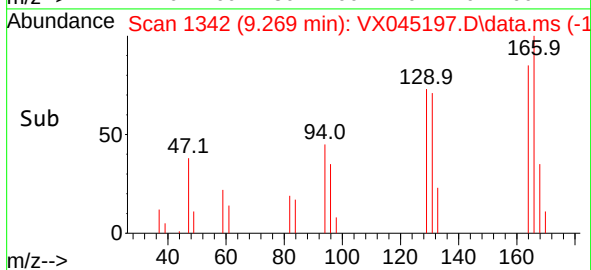
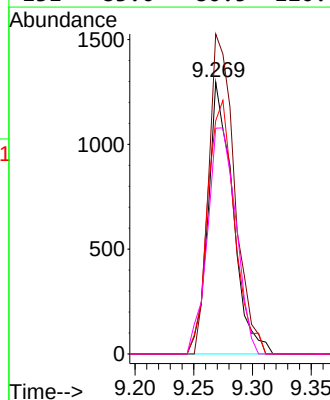
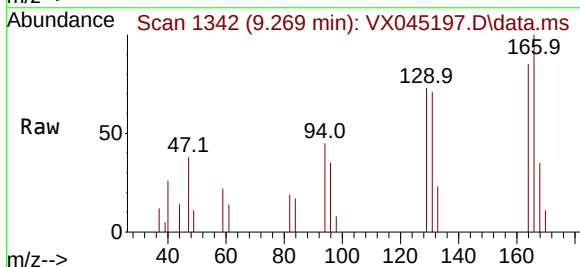
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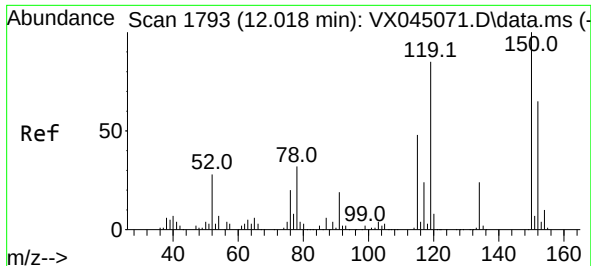
Tgt Ion:117 Resp: 130798
Ion Ratio Lower Upper
117 100
82 61.0 46.3 69.5
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 2.260 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045197.D
Acq: 10 Mar 2025 15:39

Tgt Ion:164 Resp: 1893
Ion Ratio Lower Upper
164 100
166 117.7 103.6 155.4
129 85.8 82.7 124.1
131 83.0 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: VX045197.D

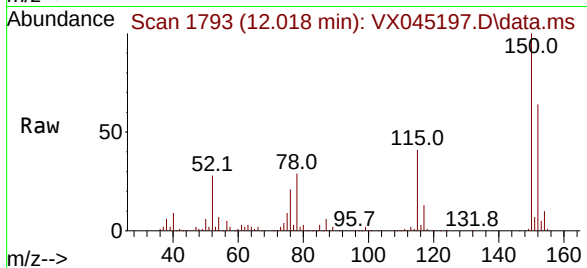
Acq: 10 Mar 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20250305



Tgt Ion:152 Resp: 53642

Ion Ratio Lower Upper

152 100

115 61.5 44.2 132.6

150 159.5 0.0 349.0

