

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045200.D
 Acq On : 10 Mar 2025 16:48
 Operator : JC/MD
 Sample : Q1531-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20250306

Quant Time: Mar 11 03:58:57 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)

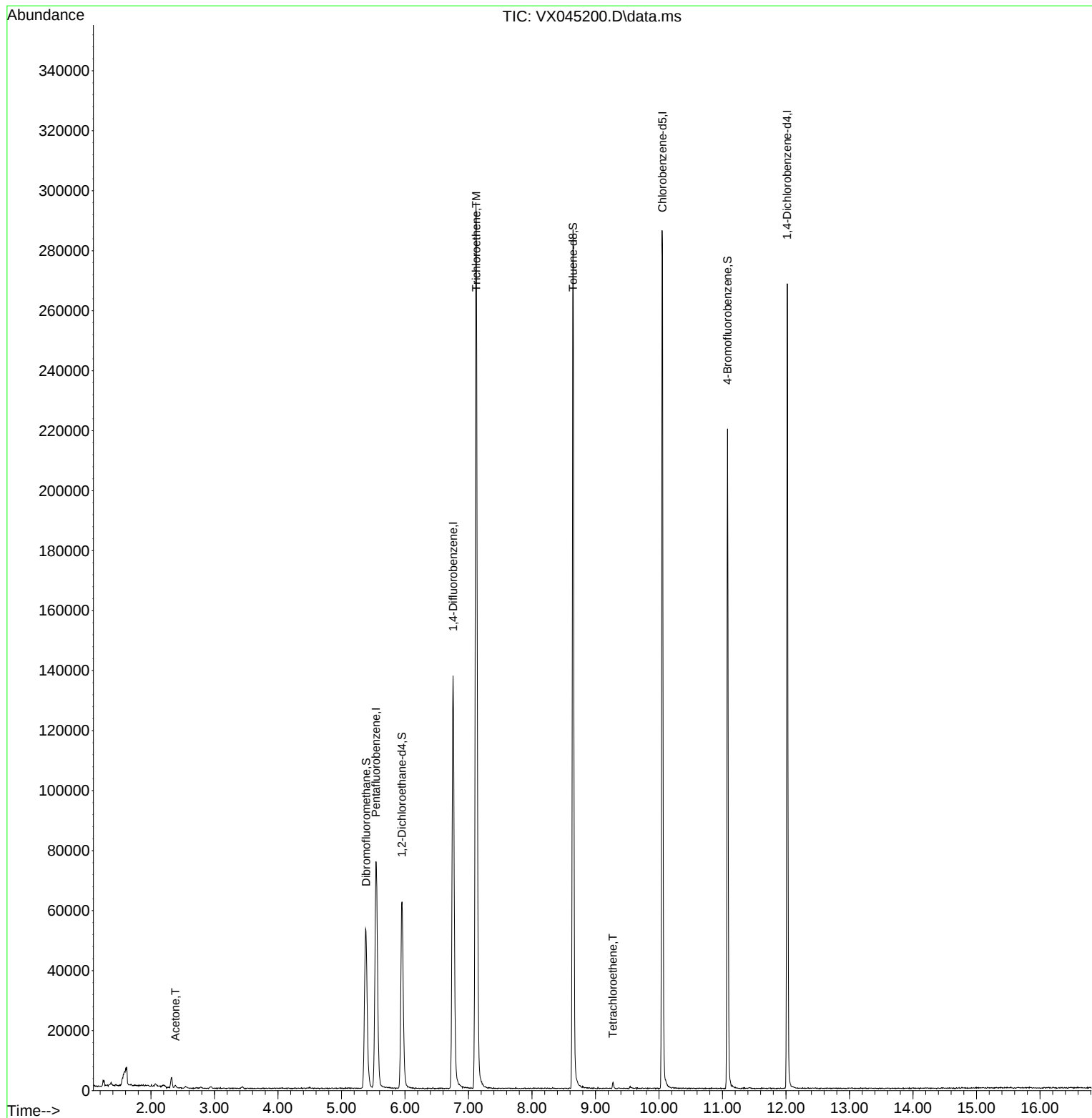
Internal Standards						
1) Pentafluorobenzene	5.544	168	69178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58149	52.845	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.680%			
35) Dibromofluoromethane	5.385	113	48010	51.922	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.840%			
50) Toluene-d8	8.647	98	171889	51.277	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.560%			
62) 4-Bromofluorobenzene	11.079	95	57568	51.825	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.660%			
Target Compounds						Qvalue
16) Acetone	2.386	43	914	1.790	ug/l #	78
44) Trichloroethene	7.123	130	109525	116.487	ug/l	99
64) Tetrachloroethene	9.275	164	331	0.408	ug/l #	84

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

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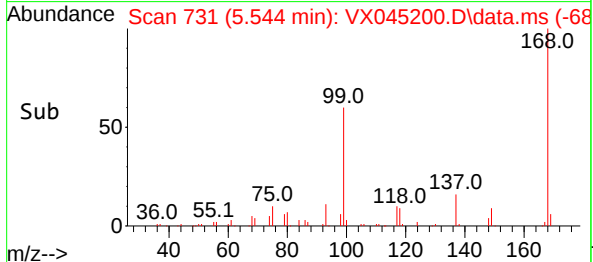
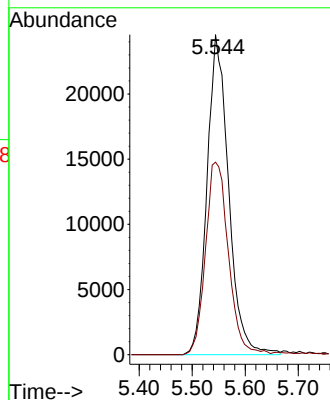
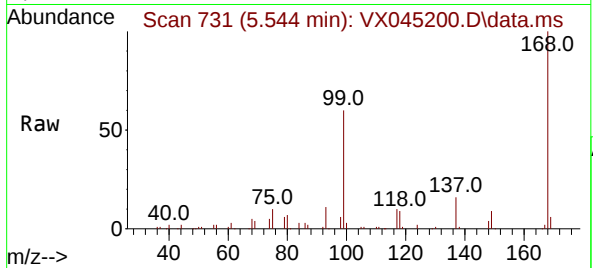




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

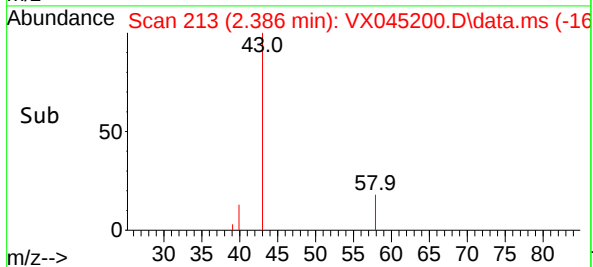
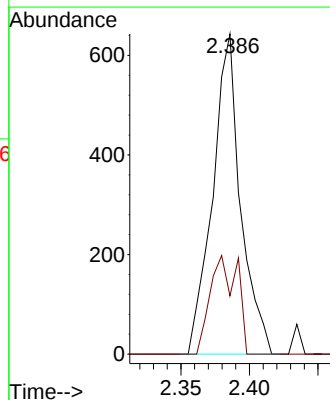
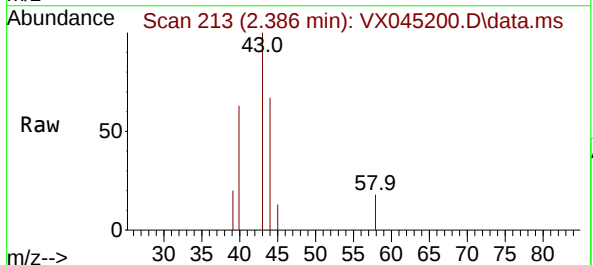
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20250306

Tgt Ion:168 Resp: 69178
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#16
Acetone
Concen: 1.790 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 18.2 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 52.845 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045200.D

Acq: 10 Mar 2025 16:48

Instrument :

MSVOA_X

ClientSampleId :

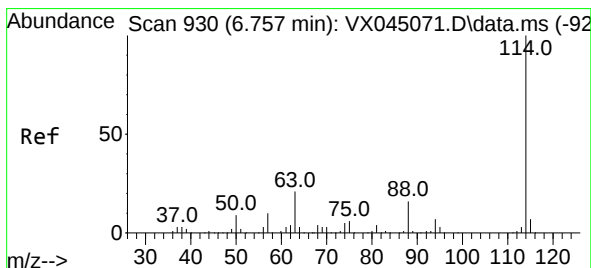
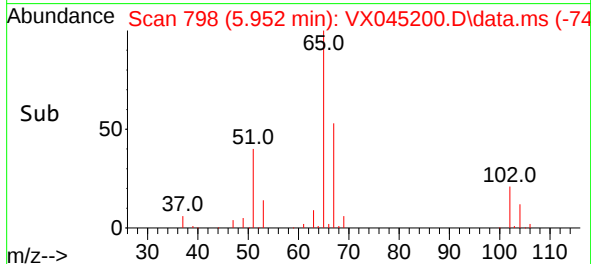
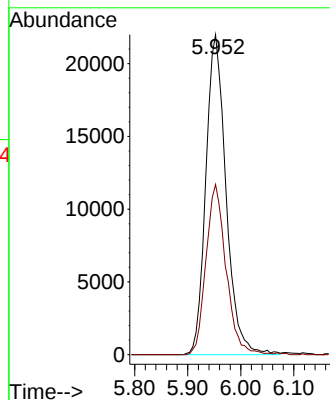
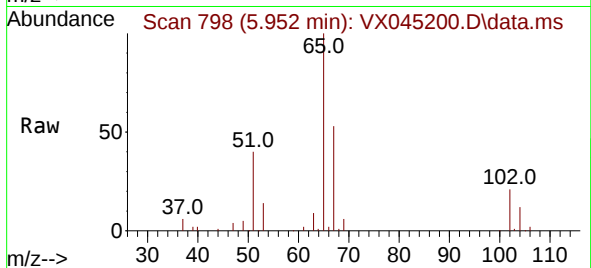
RE103D3-20250306

Tgt Ion: 65 Resp: 58149

Ion Ratio Lower Upper

65 100

67 53.0 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: VX045200.D

Acq: 10 Mar 2025 16:48

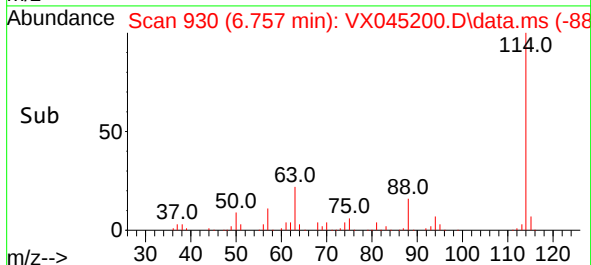
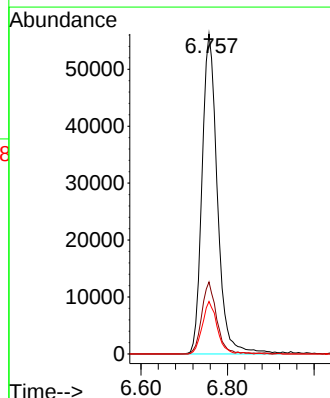
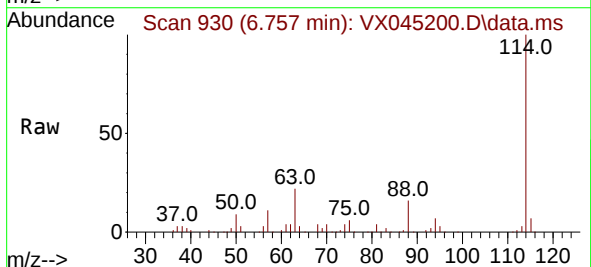
Tgt Ion: 114 Resp: 138281

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.4 0.0 32.8

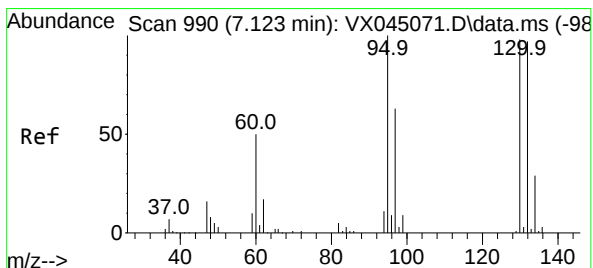
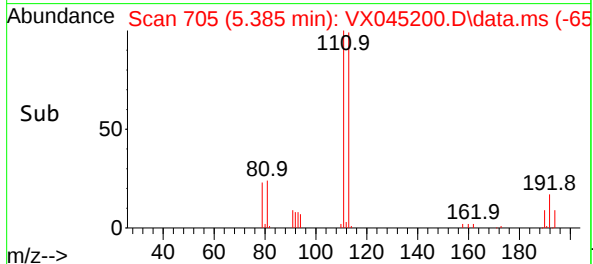
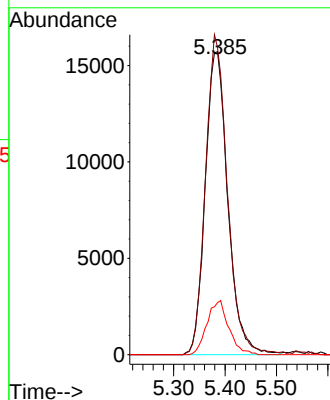
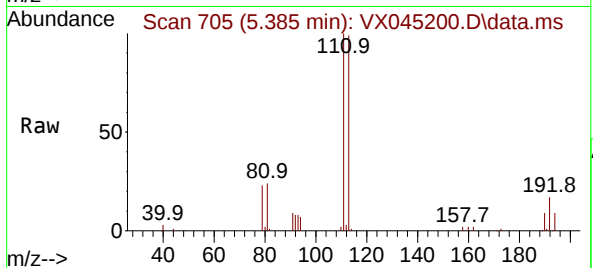




#35
Dibromofluoromethane
Concen: 51.922 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

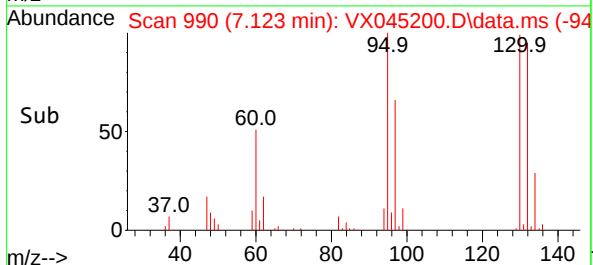
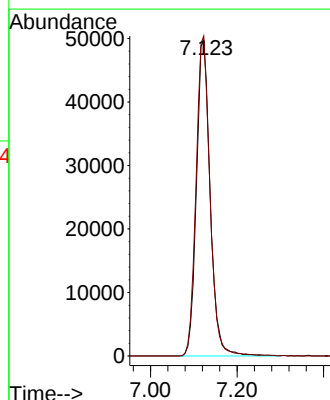
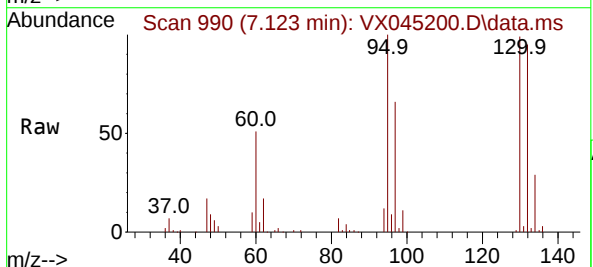
Instrument :
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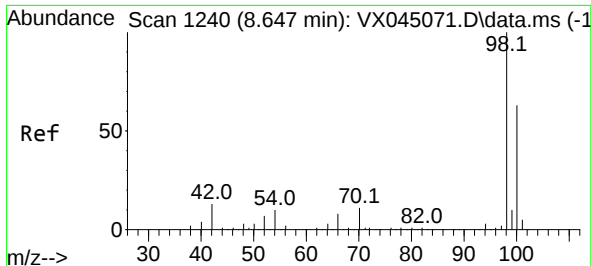
Tgt Ion:113 Resp: 48010
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 17.2 14.3 21.5



#44
Trichloroethene
Concen: 116.487 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

Tgt Ion:130 Resp: 109525
Ion Ratio Lower Upper
130 100
95 101.3 0.0 205.0

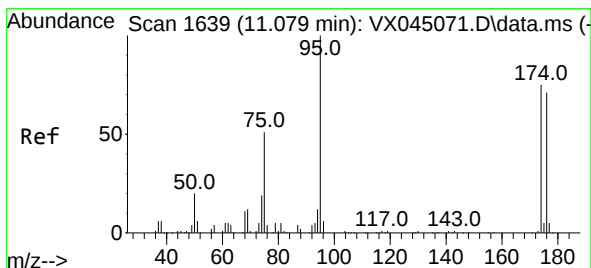
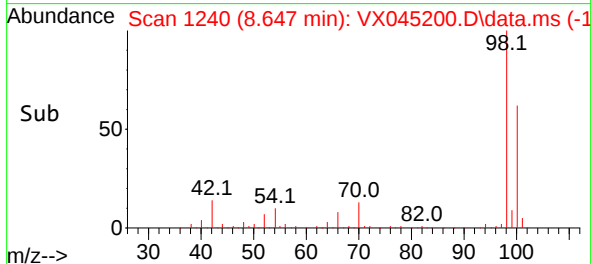
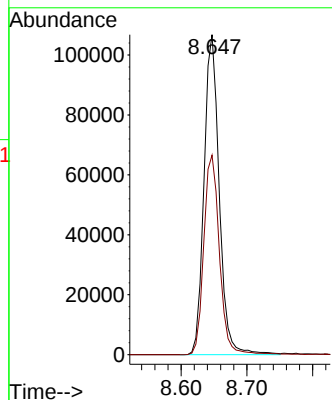
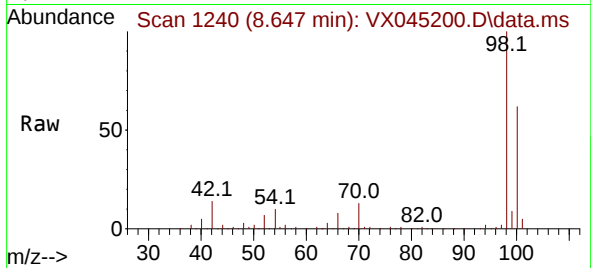




#50
Toluene-d8
Concen: 51.277 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

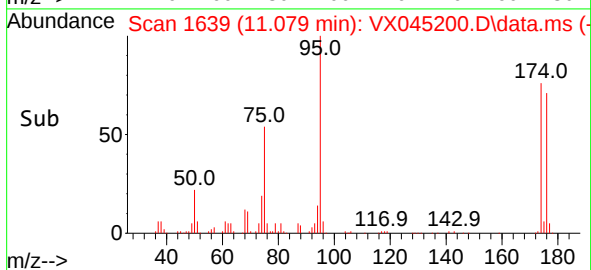
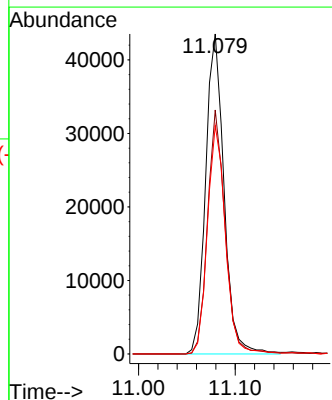
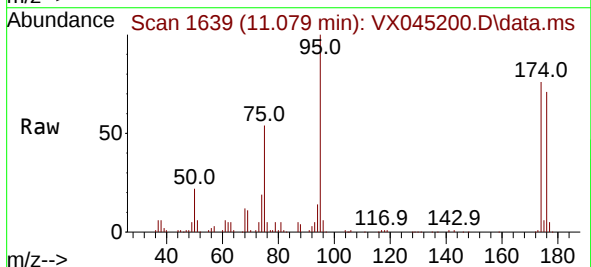
Instrument :
MSVOA_X
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RE103D3-20250306

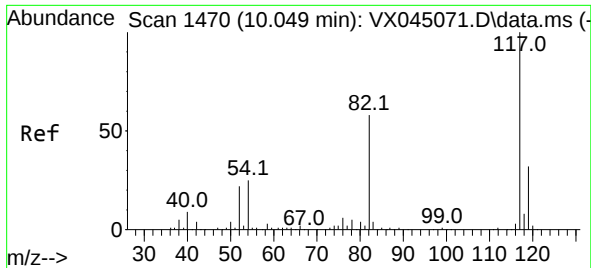
Tgt Ion: 98 Resp: 171889
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

Tgt Ion: 95 Resp: 57568
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.2
176 70.1 0.0 141.4

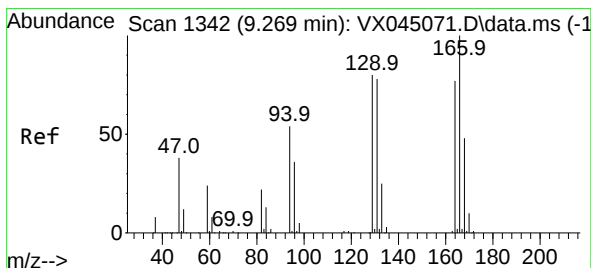
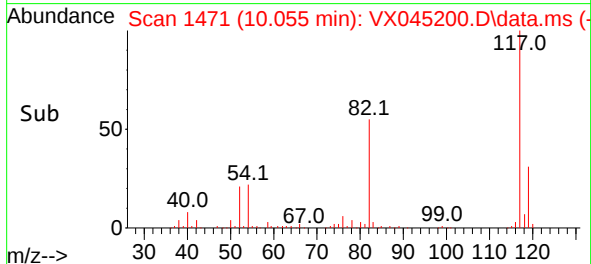
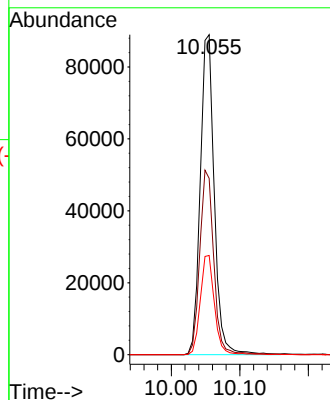
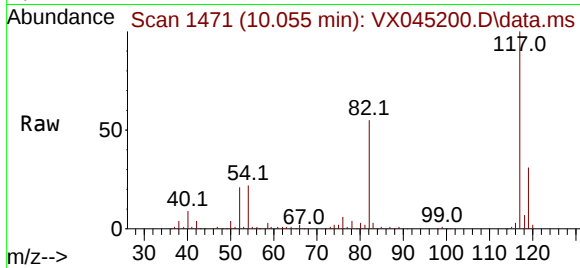




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

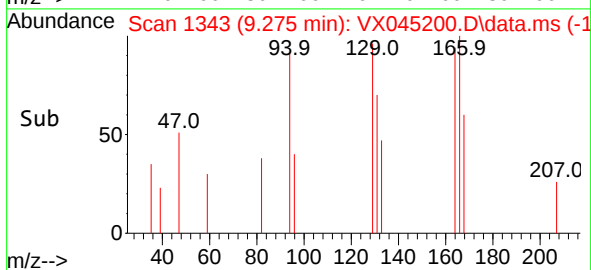
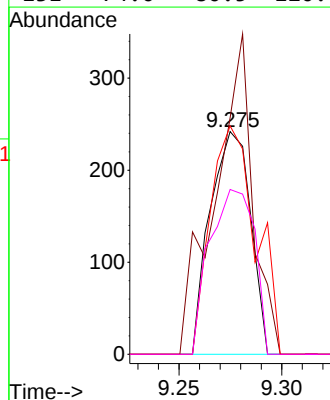
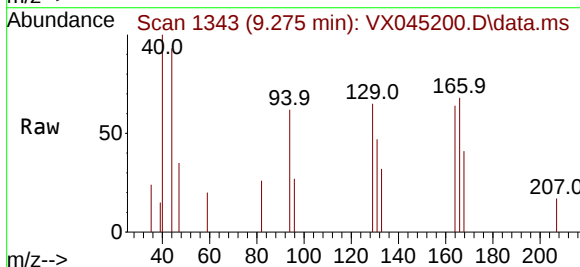
Instrument :
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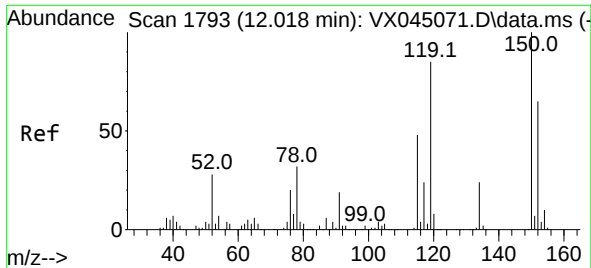
Tgt Ion:117 Resp: 126707
Ion Ratio Lower Upper
117 100
82 55.1 46.3 69.5
119 31.0 25.7 38.5



#64
Tetrachloroethene
Concen: 0.408 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045200.D
Acq: 10 Mar 2025 16:48

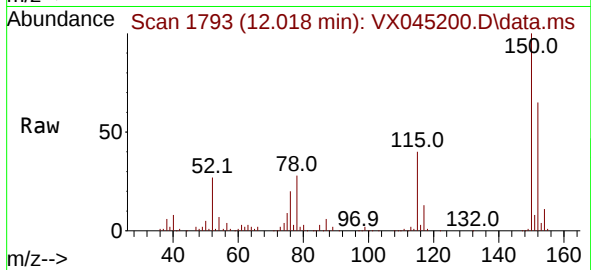
Tgt Ion:164 Resp: 331
Ion Ratio Lower Upper
164 100
166 106.2 103.6 155.4
129 102.5 82.7 124.1
131 74.0 80.5 120.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045200.D
 Acq: 10 Mar 2025 16:48

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20250306



Tgt Ion:152 Resp: 51747
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.2 132.6
 150 155.0 0.0 349.0

