

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044814.D
 Acq On : 03 Feb 2025 14:59
 Operator : JC/MD
 Sample : Q1239-07
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR22266

Quant Time: Feb 03 15:25:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

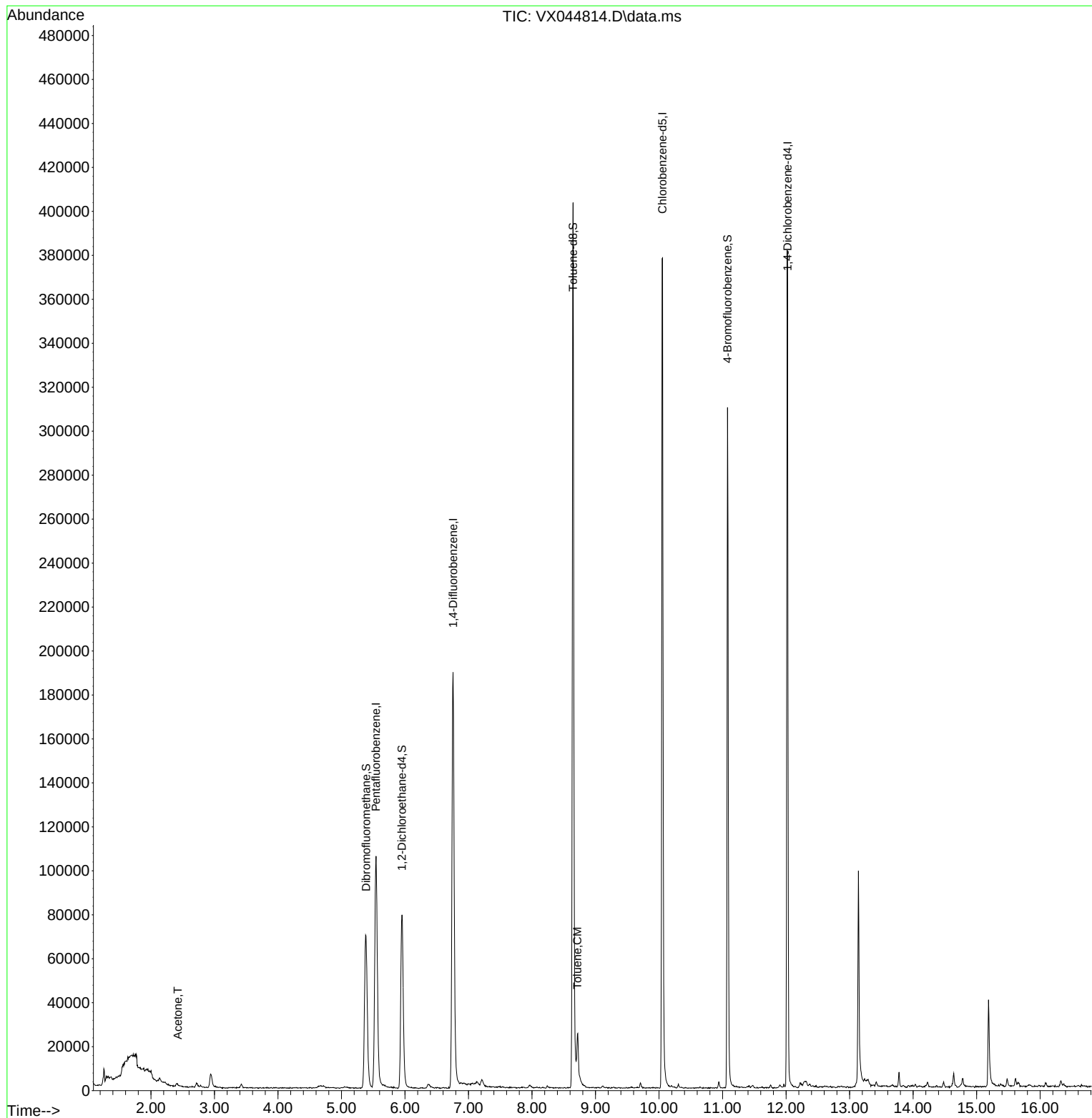
Internal Standards						
1) Pentafluorobenzene	5.544	168	101185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75139	49.197	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.400%			
35) Dibromofluoromethane	5.385	113	65840	50.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.380%			
50) Toluene-d8	8.647	98	255186	55.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.580%			
62) 4-Bromofluorobenzene	11.079	95	87894	51.547	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.100%			
Target Compounds						
16) Acetone	2.422	43	2174	3.598	ug/l #	84
52) Toluene	8.714	92	8900	2.570	ug/l	99

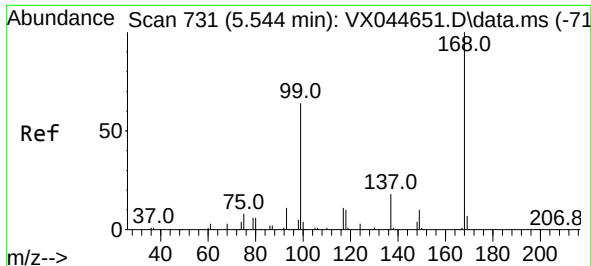
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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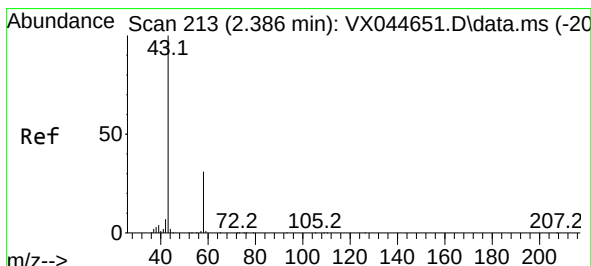
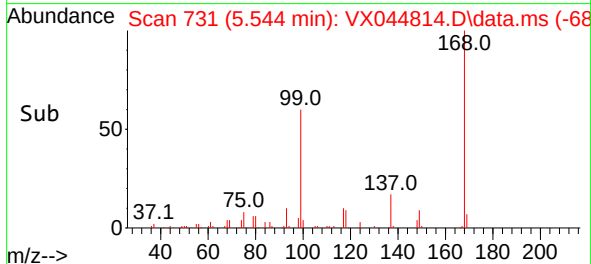
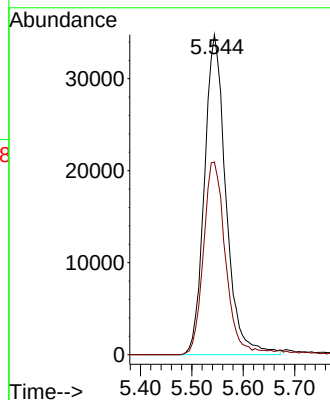
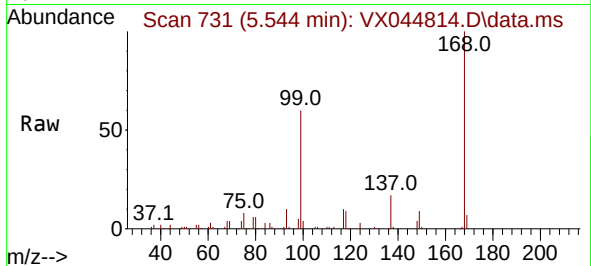




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044814.D
Acq: 03 Feb 2025 14:59

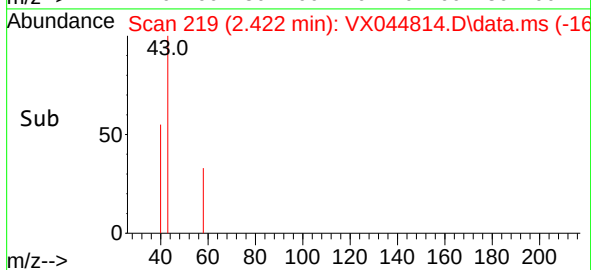
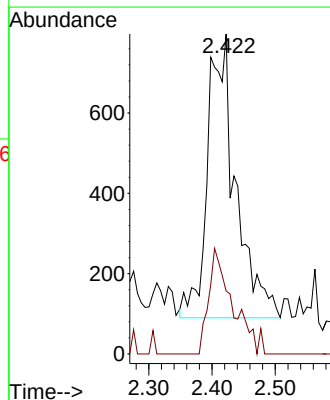
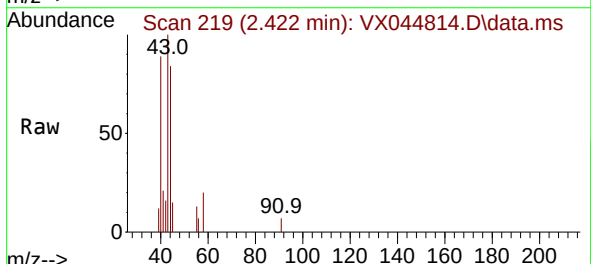
Instrument :
MSVOA_X
ClientSampleId :
RBR22266

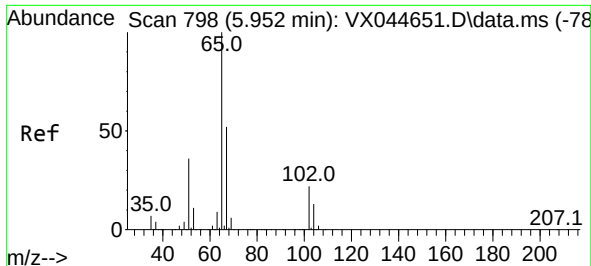
Tgt Ion:168 Resp: 101185
Ion Ratio Lower Upper
168 100
99 60.2 51.1 76.7



#16
Acetone
Concen: 3.598 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.037 min
Lab File: VX044814.D
Acq: 03 Feb 2025 14:59

Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
58 22.2 24.6 37.0#





#33

1,2-Dichloroethane-d4

Concen: 49.197 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044814.D

Acq: 03 Feb 2025 14:59

Instrument :

MSVOA_X

ClientSampleId :

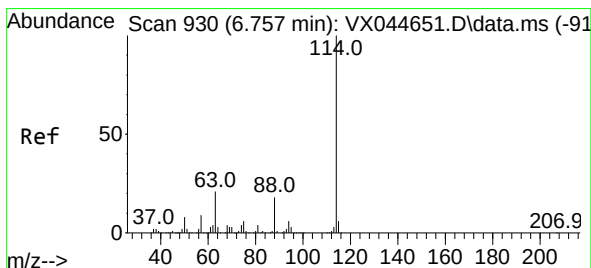
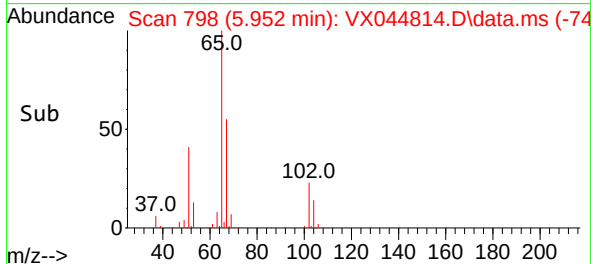
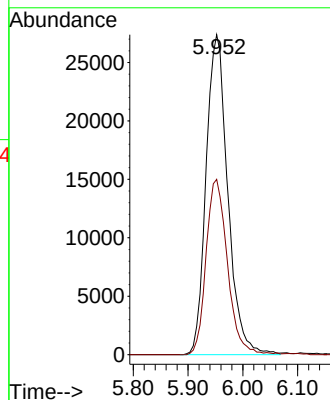
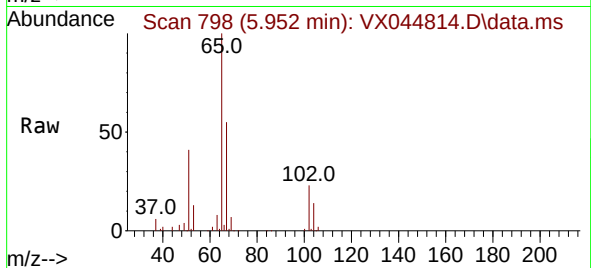
RBR22266

Tgt Ion: 65 Resp: 75139

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044814.D

Acq: 03 Feb 2025 14:59

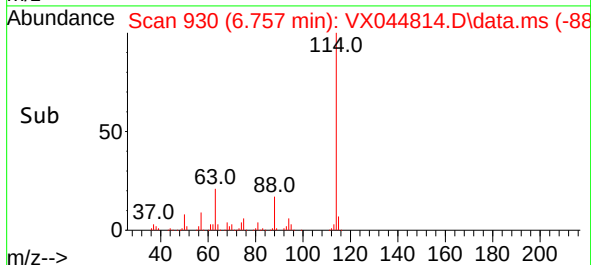
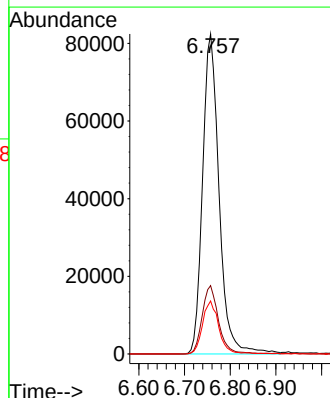
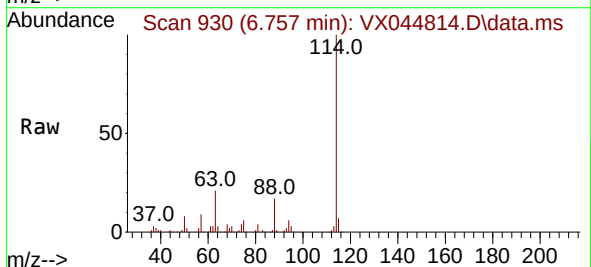
Tgt Ion: 114 Resp: 206491

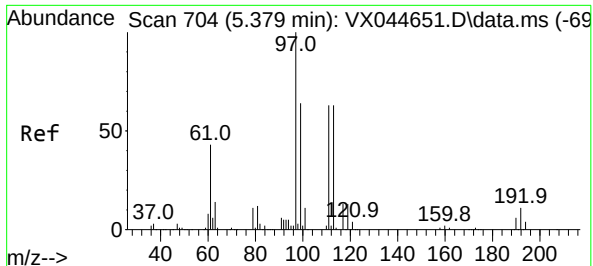
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

88 16.6 0.0 35.4

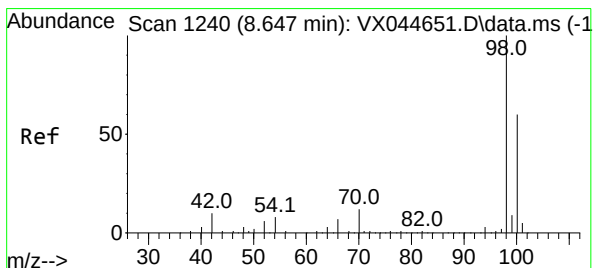
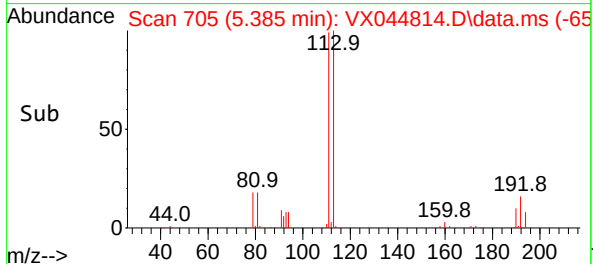
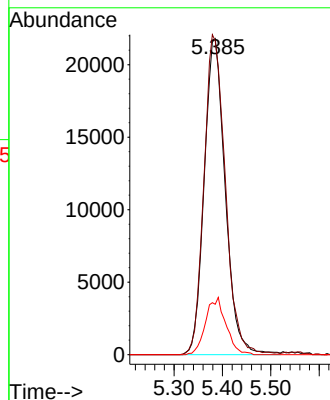
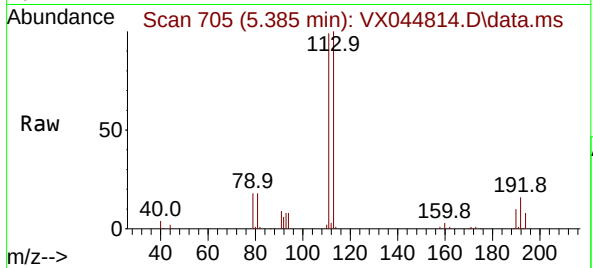




#35
Dibromofluoromethane
Concen: 50.190 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044814.D
Acq: 03 Feb 2025 14:59

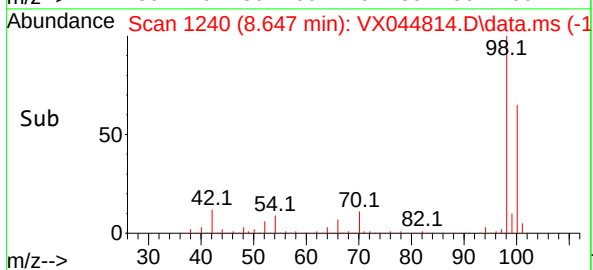
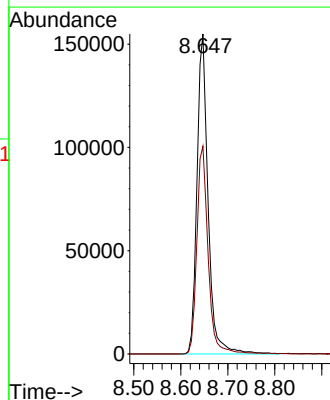
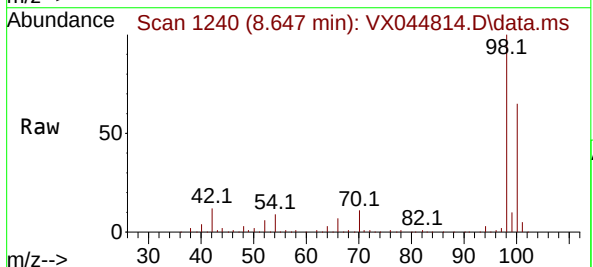
Instrument :
MSVOA_X
ClientSampleId :
RBR22266

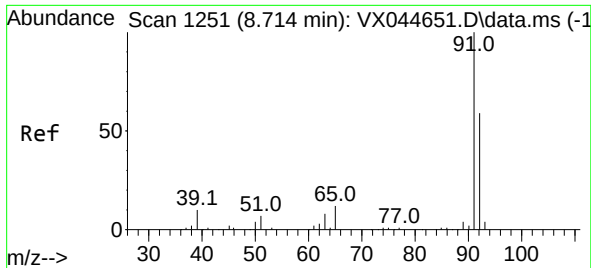
Tgt Ion:113 Resp: 65840
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 17.5 14.4 21.6



#50
Toluene-d8
Concen: 55.791 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044814.D
Acq: 03 Feb 2025 14:59

Tgt Ion: 98 Resp: 255186
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8

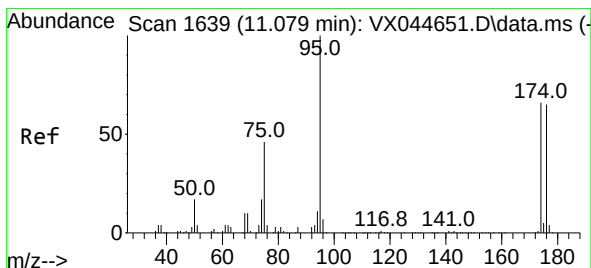
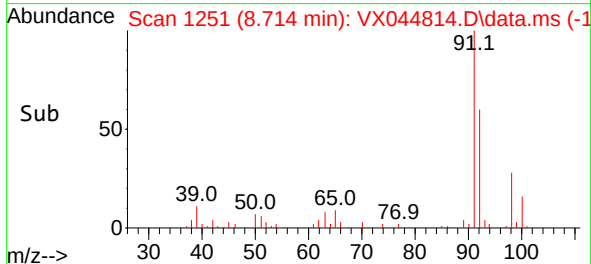
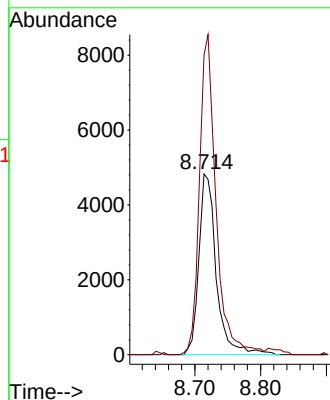
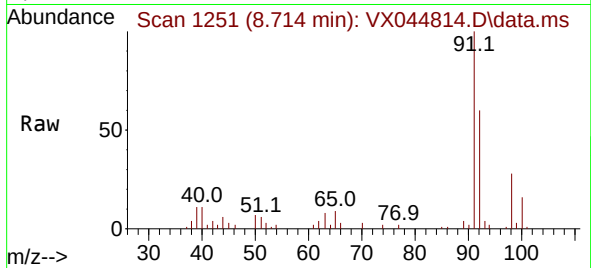




#52
Toluene
Concen: 2.570 ug/l
RT: 8.714 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044814.D
Acq: 03 Feb 2025 14:59

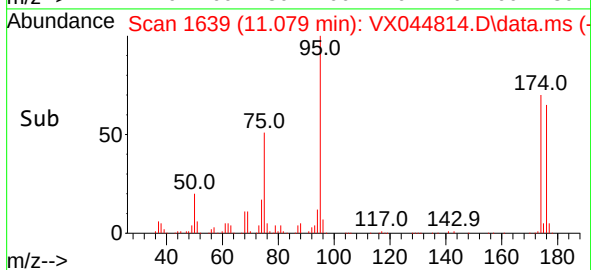
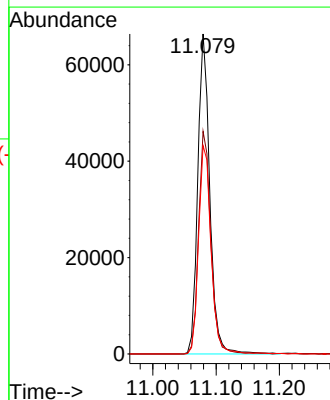
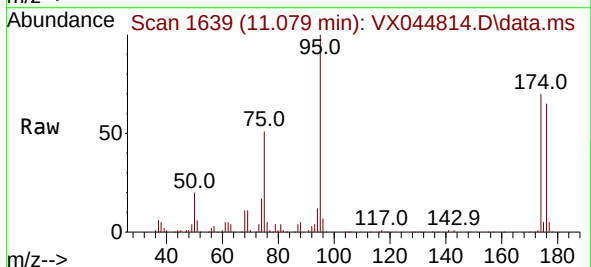
Instrument :
MSVOA_X
ClientSampleId :
RBR22266

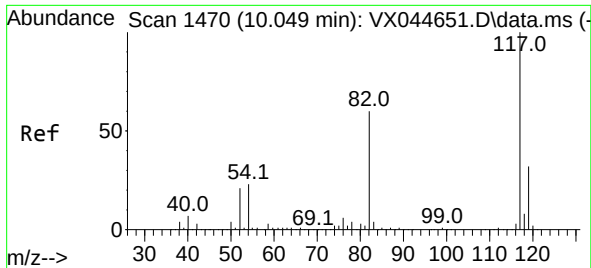
Tgt Ion: 92 Resp: 8900
Ion Ratio Lower Upper
92 100
91 168.3 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 51.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044814.D
Acq: 03 Feb 2025 14:59

Tgt Ion: 95 Resp: 87894
Ion Ratio Lower Upper
95 100
174 70.8 0.0 133.0
176 67.5 0.0 129.4

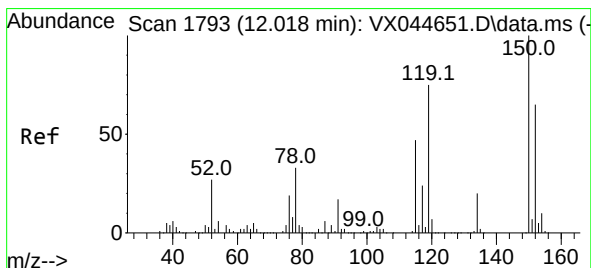
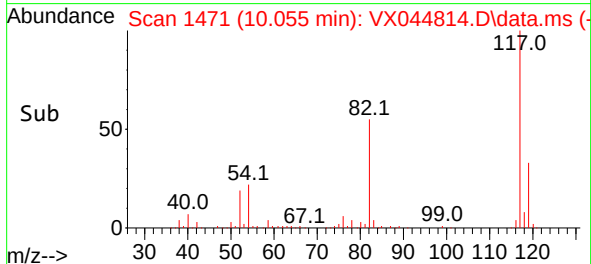
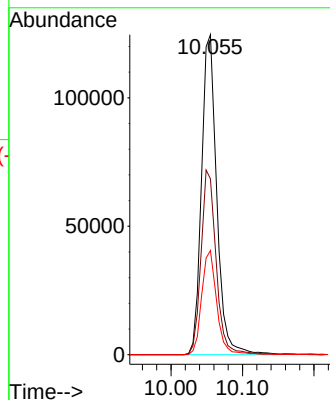
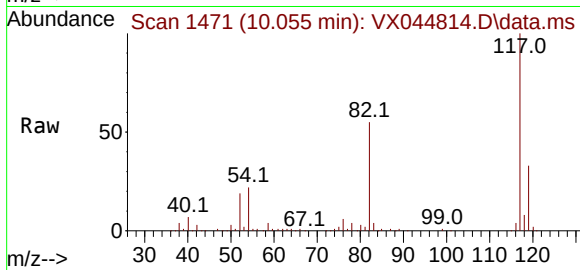




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044814.D
Acq: 03 Feb 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :
RBR22266

Tgt Ion:117 Resp: 184872
Ion Ratio Lower Upper
117 100
82 54.9 47.6 71.4
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044814.D
Acq: 03 Feb 2025 14:59

Tgt Ion:152 Resp: 78613
Ion Ratio Lower Upper
152 100
115 61.4 43.8 131.4
150 157.5 0.0 347.8

