

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044824.D
 Acq On : 03 Feb 2025 18:50
 Operator : JC/MD
 Sample : Q1239-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR22266

Quant Time: Feb 04 02:13:34 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)

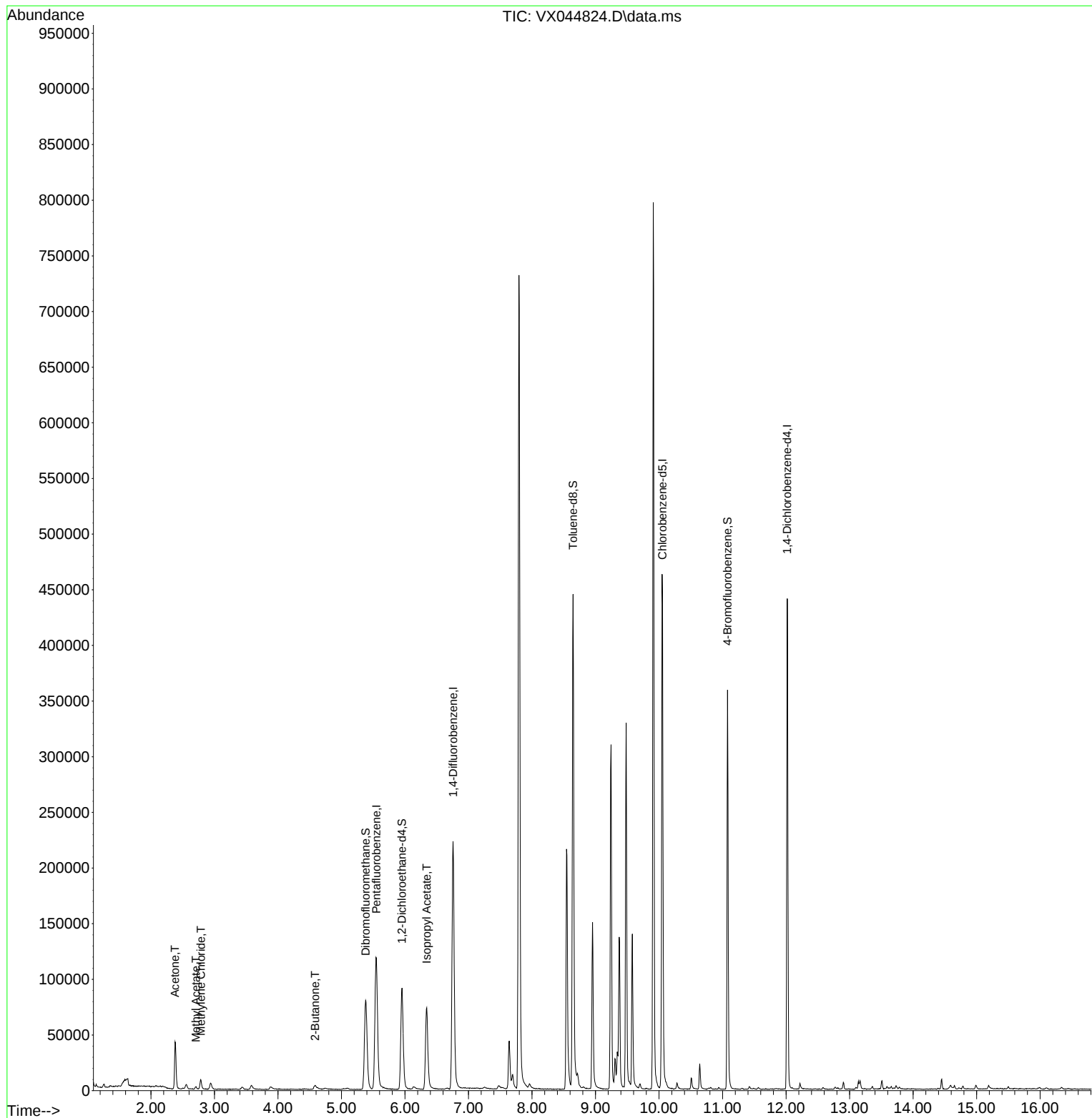
Internal Standards						
1) Pentafluorobenzene	5.550	168	115647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	236456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83855	48.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.080%
35) Dibromofluoromethane	5.379	113	73760	49.102	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	8.647	98	281769	53.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.600%
62) 4-Bromofluorobenzene	11.079	95	96719	49.534	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.060%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	44122	63.886	ug/l	94
18) Methyl Acetate	2.709	43	2854	1.339	ug/l #	89
20) Methylene Chloride	2.788	84	3940	2.450	ug/l	92
25) 2-Butanone	4.586	43	5494	5.350	ug/l	94
43) Isopropyl Acetate	6.342	43	106721	26.052	ug/l	99

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

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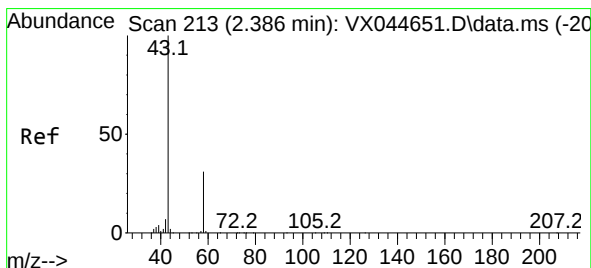
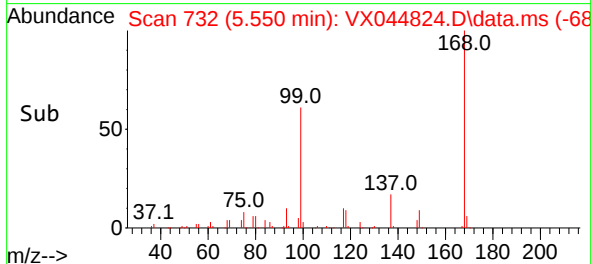
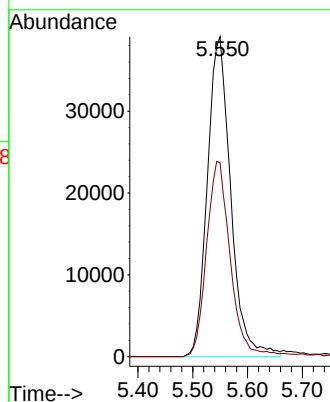
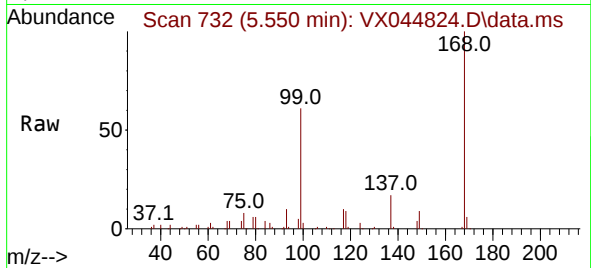




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

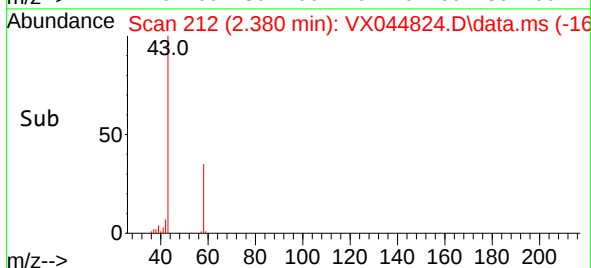
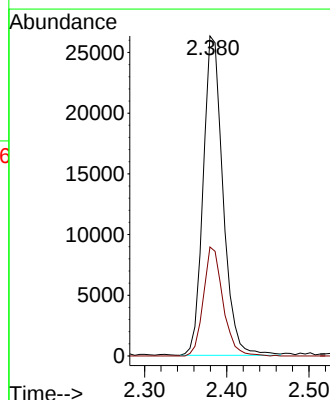
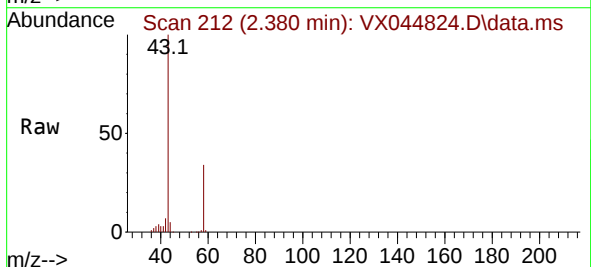
Instrument :
MSVOA_X
ClientSampleId :
RBR22266

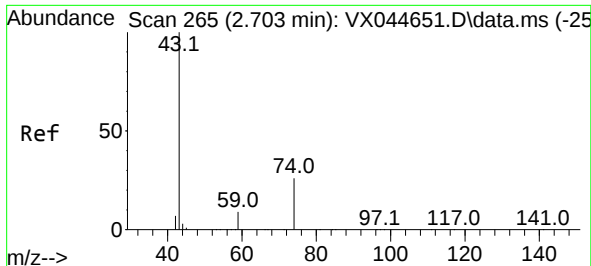
Tgt Ion:168 Resp: 115647
Ion Ratio Lower Upper
168 100
99 60.7 51.1 76.7



#16
Acetone
Concen: 63.886 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

Tgt Ion: 43 Resp: 44122
Ion Ratio Lower Upper
43 100
58 34.1 24.6 37.0

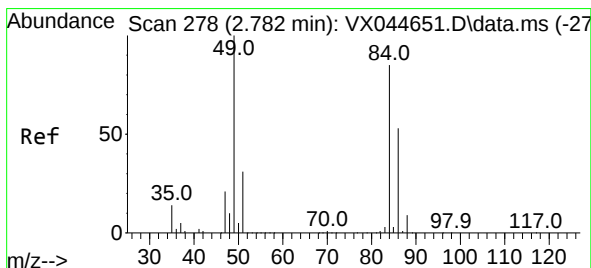
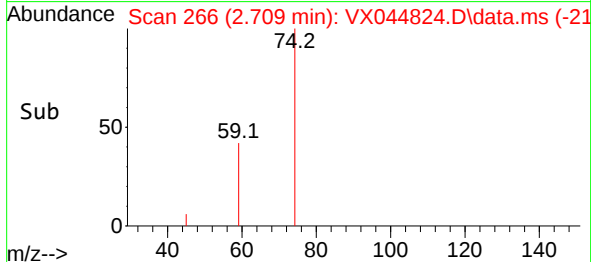
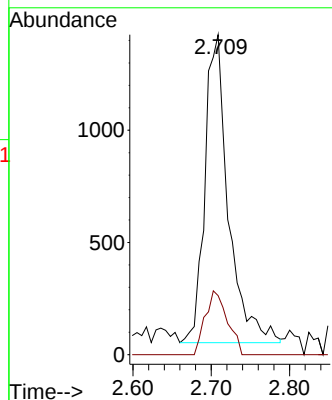
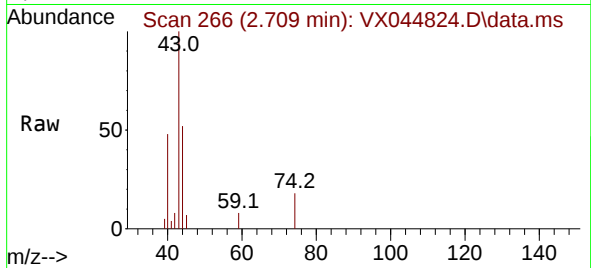




#18
Methyl Acetate
Concen: 1.339 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

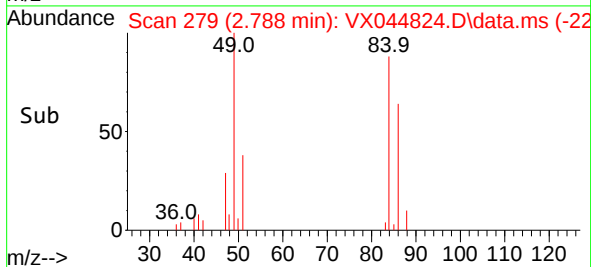
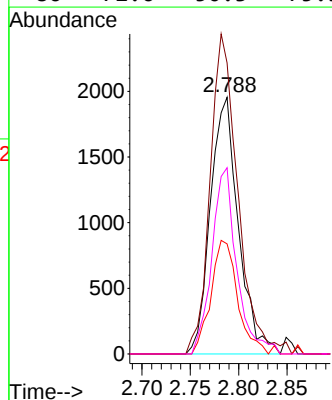
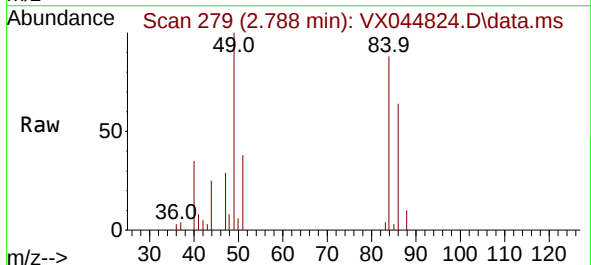
Instrument :
MSVOA_X
ClientSampleId :
RBR22266

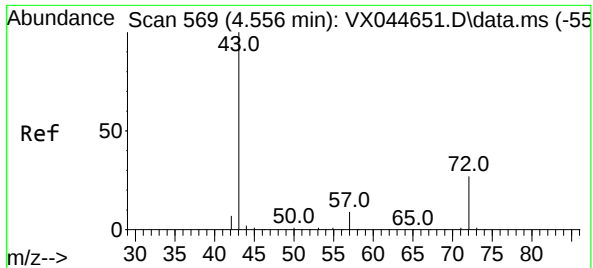
Tgt Ion: 43 Resp: 2854
Ion Ratio Lower Upper
43 100
74 19.4 19.8 29.8#



#20
Methylene Chloride
Concen: 2.450 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

Tgt Ion: 84 Resp: 3940
Ion Ratio Lower Upper
84 100
49 113.4 94.2 141.4
51 42.9 28.8 43.2
86 72.6 50.3 75.5

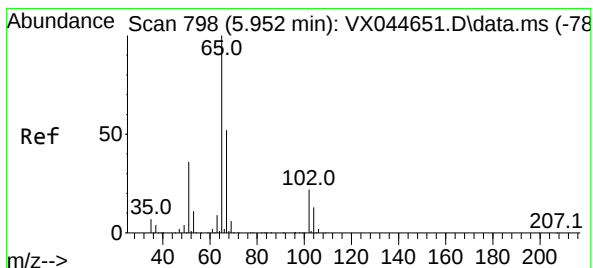
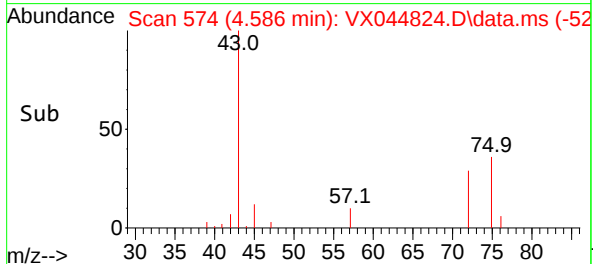
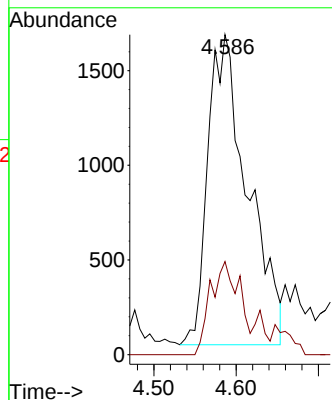
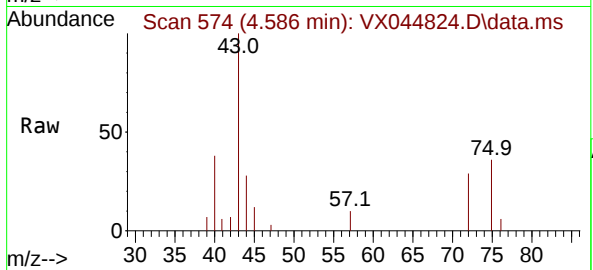




#25
2-Butanone
Concen: 5.350 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

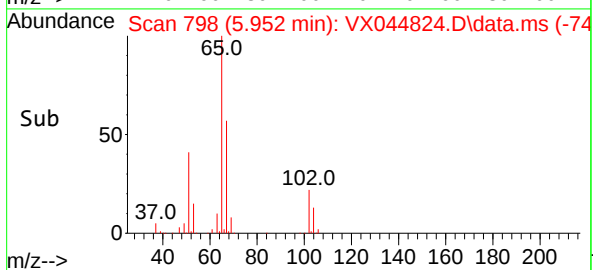
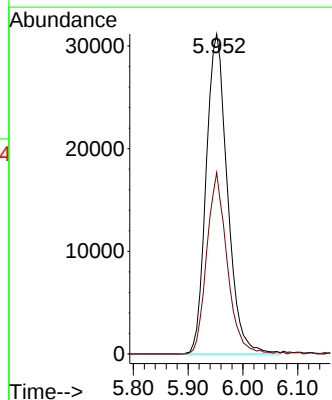
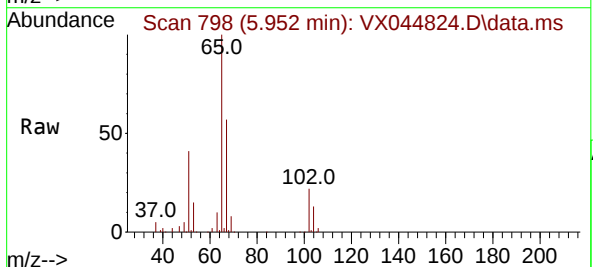
Instrument :
MSVOA_X
ClientSampleId :
RBR22266

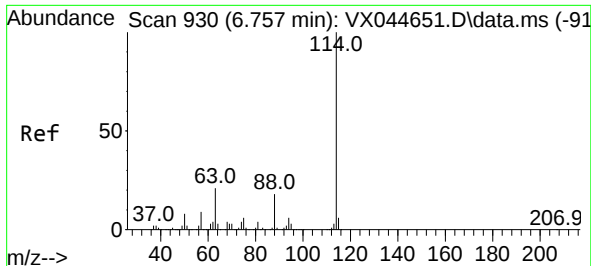
Tgt Ion: 43 Resp: 5494
Ion Ratio Lower Upper
43 100
72 30.0 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 48.038 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

Tgt Ion: 65 Resp: 83855
Ion Ratio Lower Upper
65 100
67 54.2 0.0 103.4

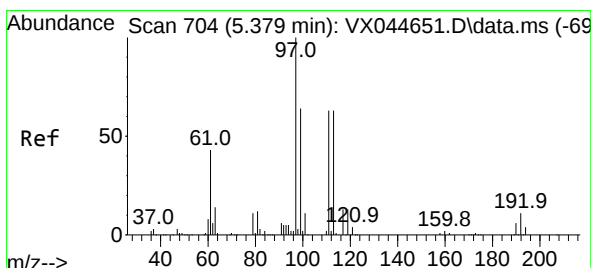
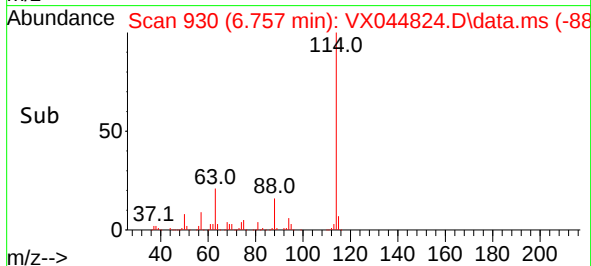
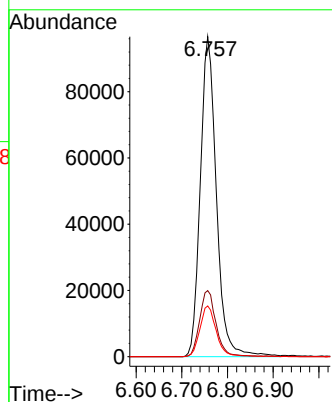
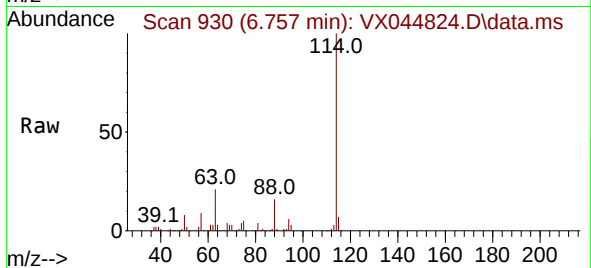




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

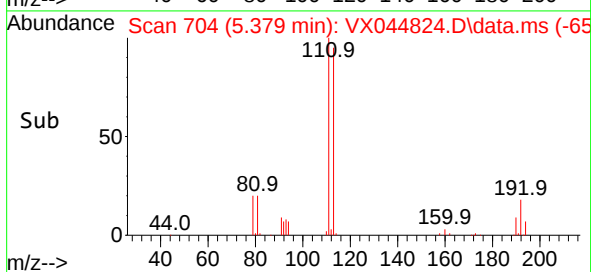
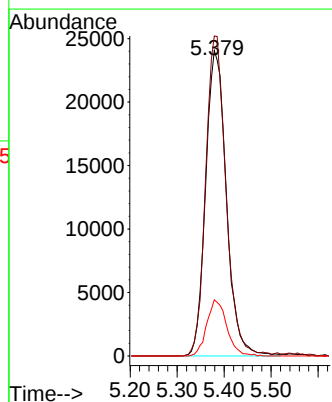
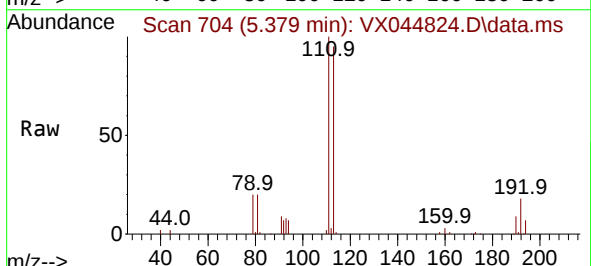
Instrument :
MSVOA_X
ClientSampleId :
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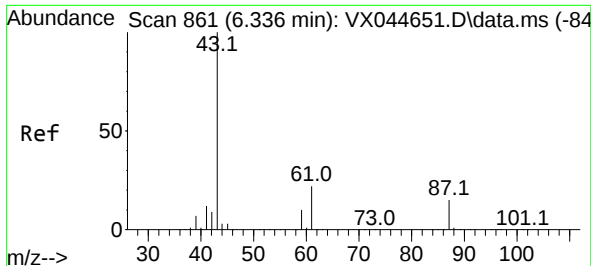
Tgt Ion:114 Resp: 236456
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.0
88 15.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.102 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

Tgt Ion:113 Resp: 73760
Ion Ratio Lower Upper
113 100
111 101.8 81.6 122.4
192 17.7 14.4 21.6

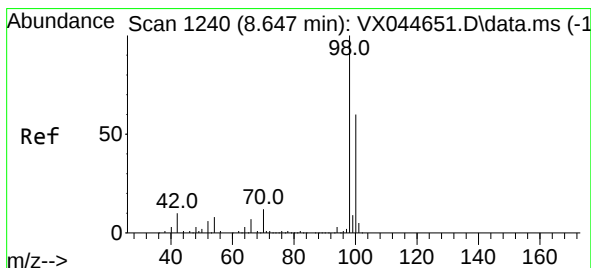
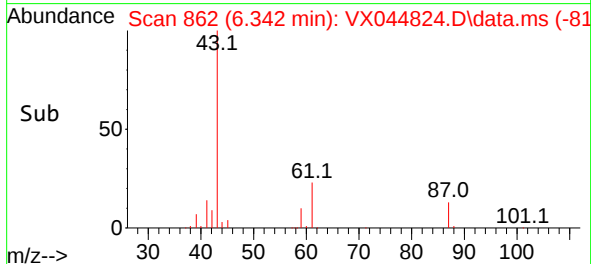
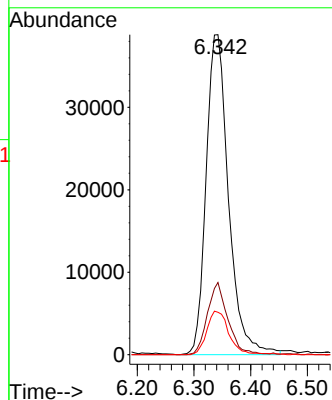
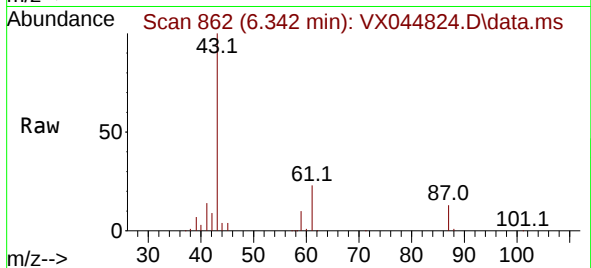




#43
Isopropyl Acetate
Concen: 26.052 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

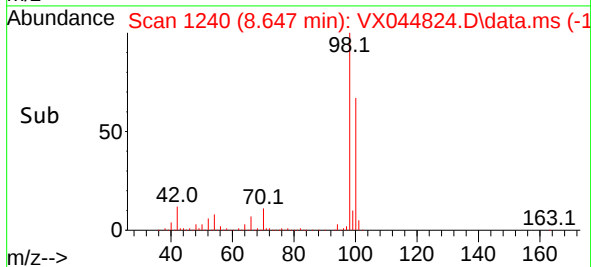
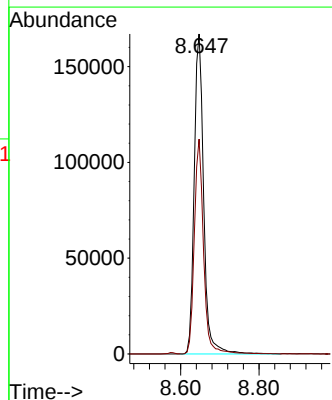
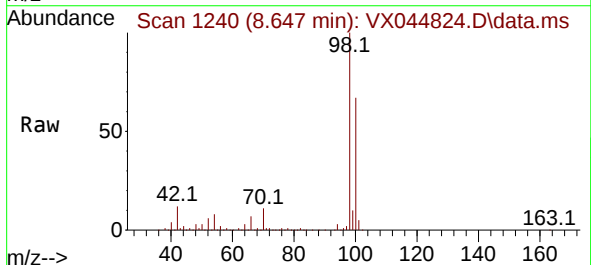
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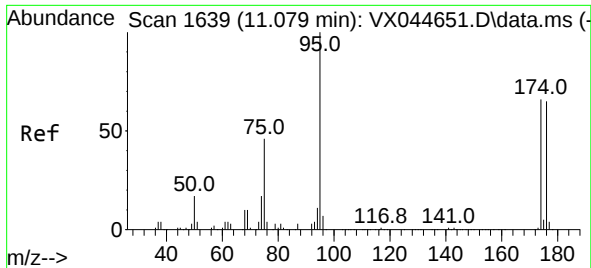
Tgt Ion: 43 Resp: 106721
Ion Ratio Lower Upper
43 100
61 20.5 16.6 24.8
87 13.3 11.0 16.6



#50
Toluene-d8
Concen: 53.796 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

Tgt Ion: 98 Resp: 281769
Ion Ratio Lower Upper
98 100
100 65.4 53.2 79.8

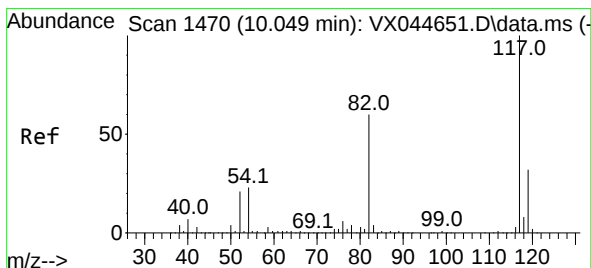
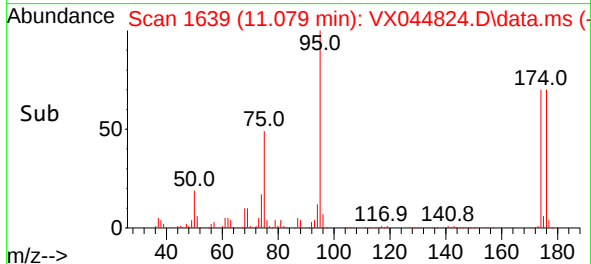
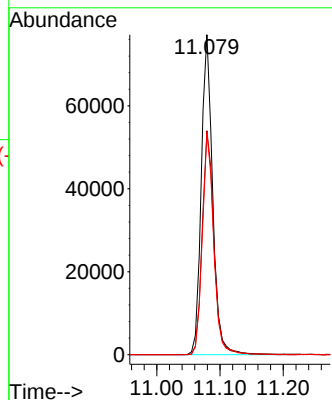
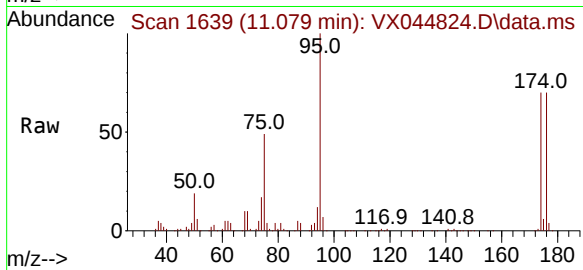




#62
4-Bromofluorobenzene
Concen: 49.534 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

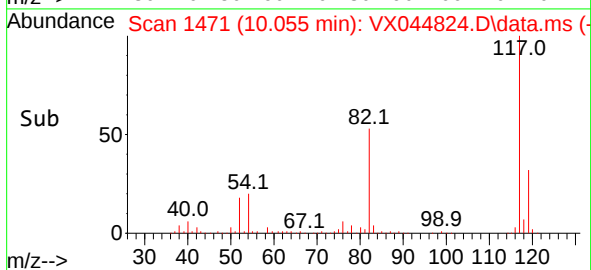
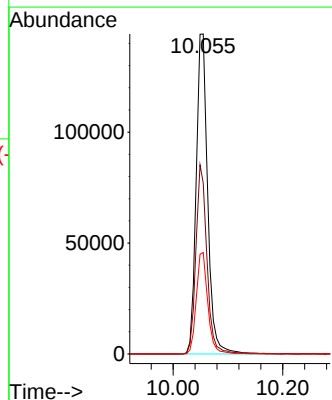
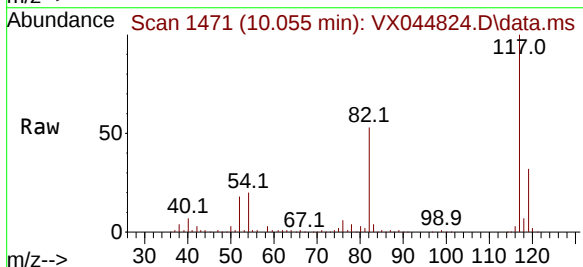
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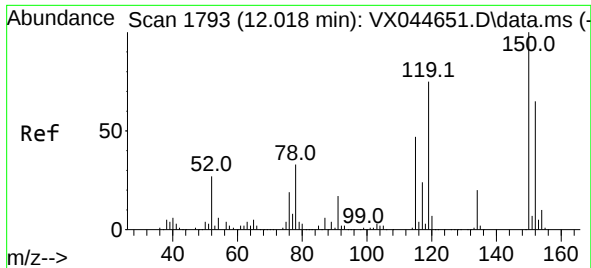
Tgt Ion: 95 Resp: 96719
Ion Ratio Lower Upper
95 100
174 72.1 0.0 133.0
176 69.5 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044824.D
Acq: 03 Feb 2025 18:50

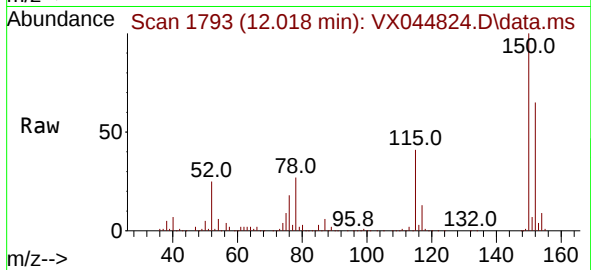
Tgt Ion: 117 Resp: 211901
Ion Ratio Lower Upper
117 100
82 53.4 47.6 71.4
119 31.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044824.D
 Acq: 03 Feb 2025 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR22266



Tgt Ion:152 Resp: 89642
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.8 131.4
 150 156.2 0.0 347.8

