

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023998.D
 Acq On : 27 Aug 2021 17:31
 Operator : JC/MD
 Sample : M3561-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VE4-7

Quant Time: Aug 28 04:58:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

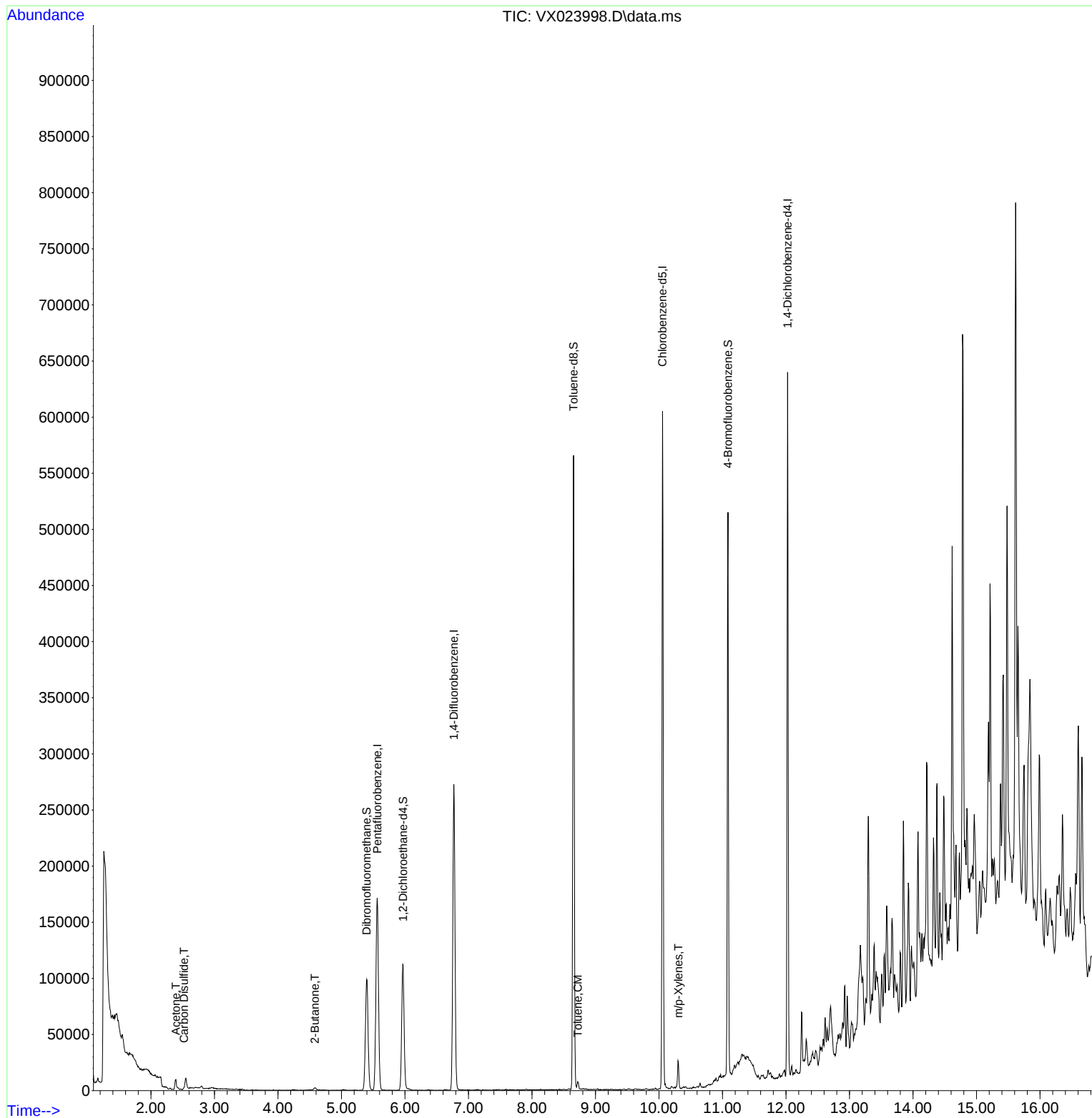
Internal Standards						
1) Pentafluorobenzene	5.562	168	156355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	111864	51.262	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.520%
35) Dibromofluoromethane	5.397	113	85191	48.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.653	98	322498	47.836	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.680%
62) 4-Bromofluorobenzene	11.085	95	124552	50.186	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.380%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	9956	10.204	ug/l	88
17) Carbon Disulfide	2.520	76	2415	0.675	ug/l #	94
25) 2-Butanone	4.581	43	4072	2.755	ug/l	96
52) Toluene	8.720	92	2112	0.445	ug/l	100
68) m/p-Xylenes	10.305	106	5350	1.517	ug/l	91

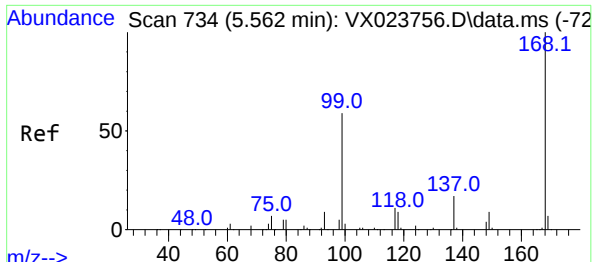
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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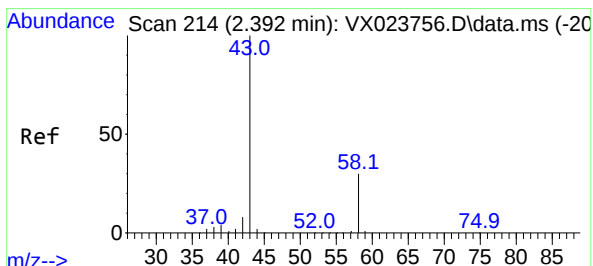
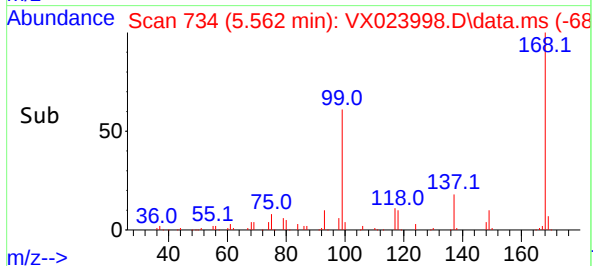
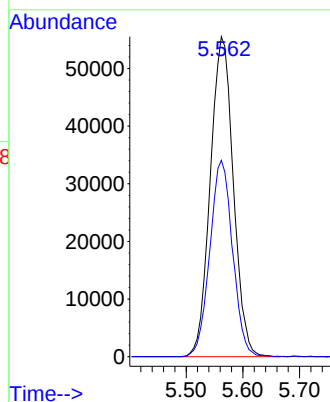
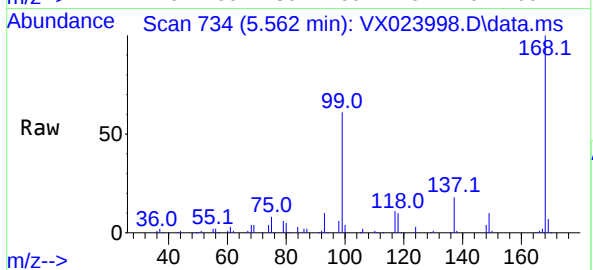




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

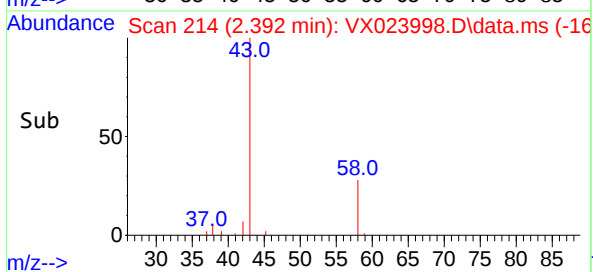
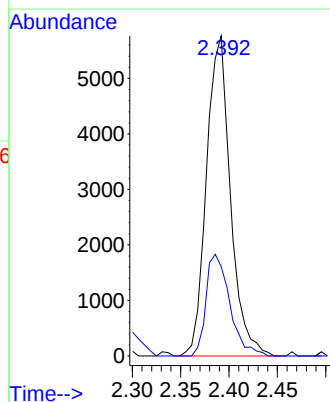
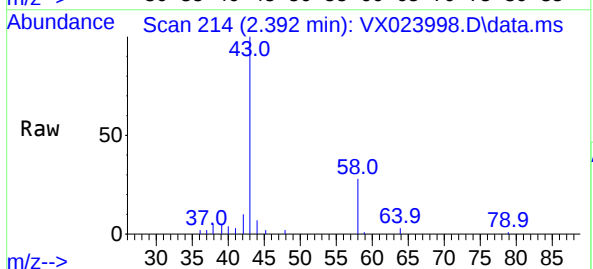
Instrument :
MSVOA_X
ClientSampleId :
VE4-7

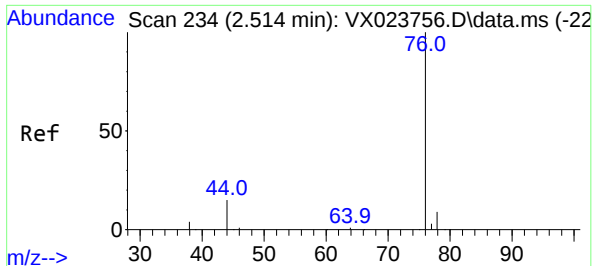
Tgt Ion:168 Resp: 156355
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.6



#16
Acetone
Concen: 10.204 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

Tgt Ion: 43 Resp: 9956
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8

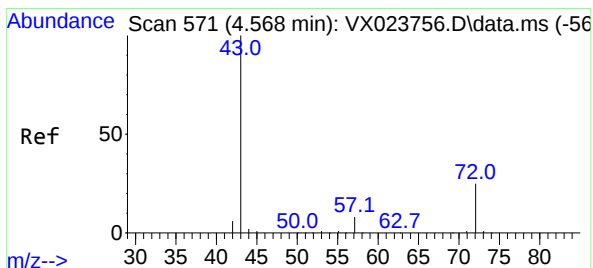
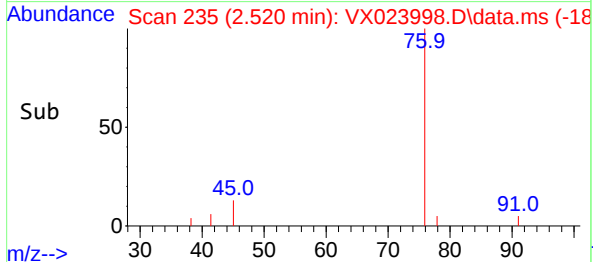
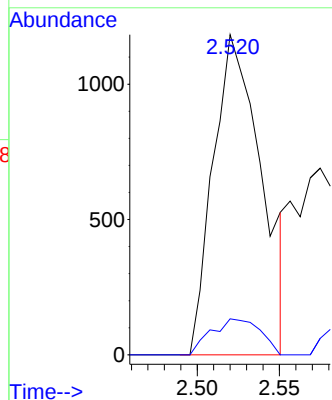
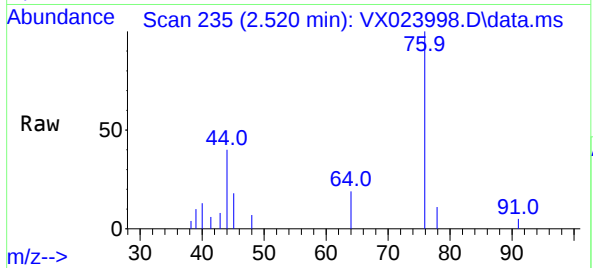




#17
Carbon Disulfide
Concen: 0.675 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

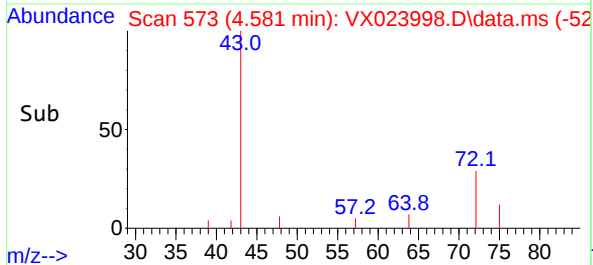
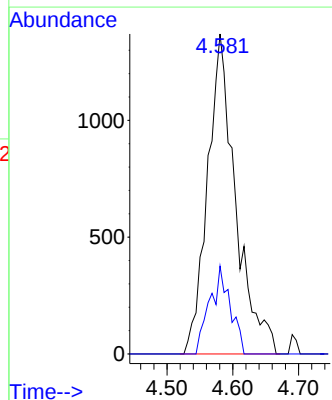
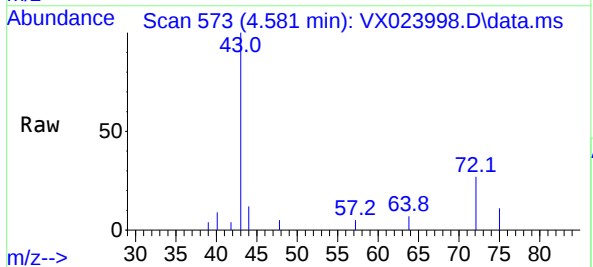
Instrument :
MSVOA_X
ClientSampled :
VE4-7

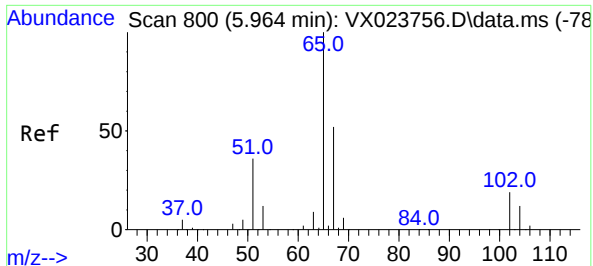
Tgt Ion: 76 Resp: 2415
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#



#25
2-Butanone
Concen: 2.755 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

Tgt Ion: 43 Resp: 4072
Ion Ratio Lower Upper
43 100
72 27.4 23.7 35.5



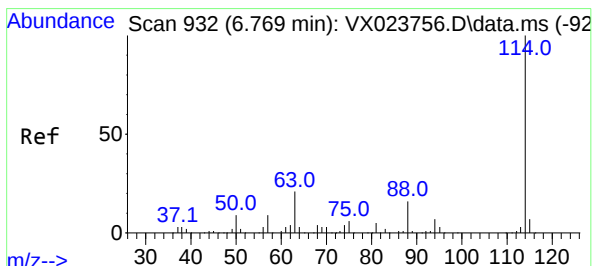
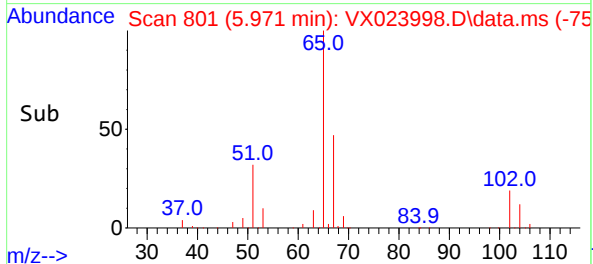
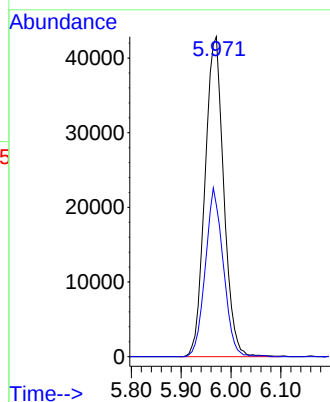
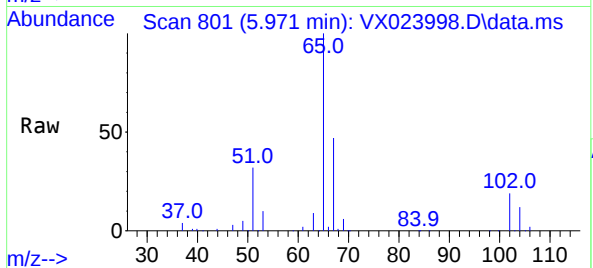


#33

1,2-Dichloroethane-d4
Concen: 51.262 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

Instrument :
MSVOA_X
ClientSampled :
VE4-7

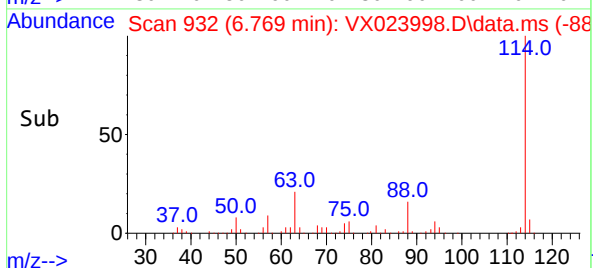
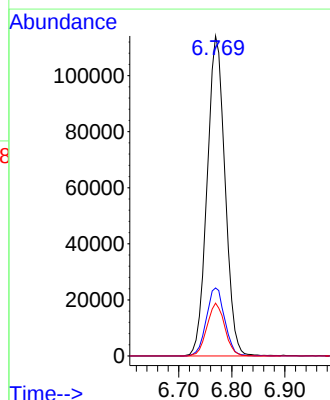
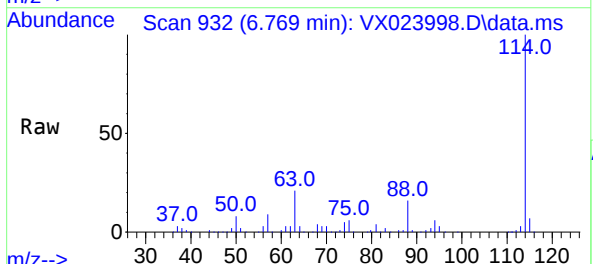
Tgt Ion: 65 Resp: 111864
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

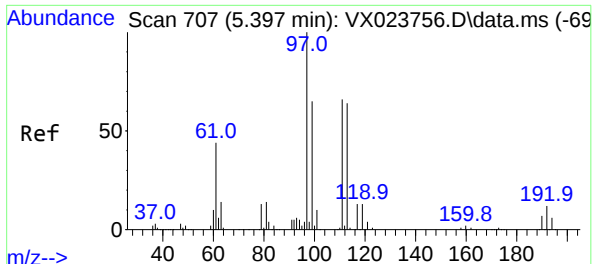


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

Tgt Ion: 114 Resp: 267621
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.5 0.0 32.8

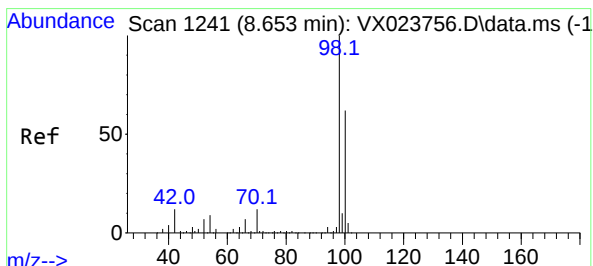
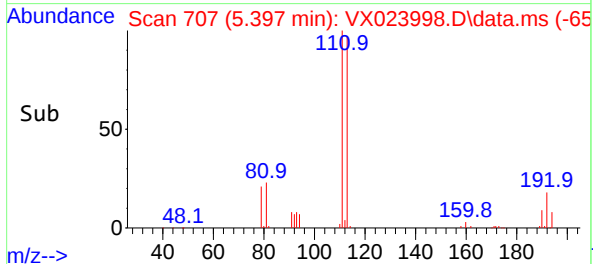
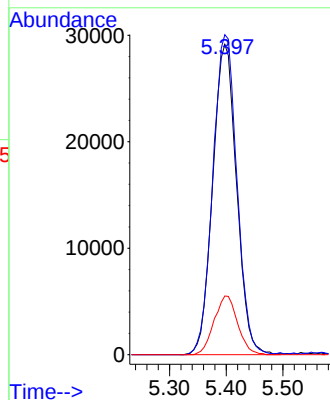
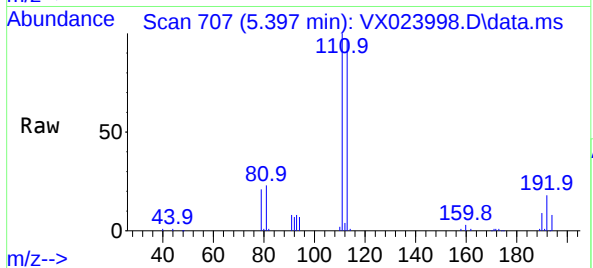




#35
Dibromofluoromethane
Concen: 48.095 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

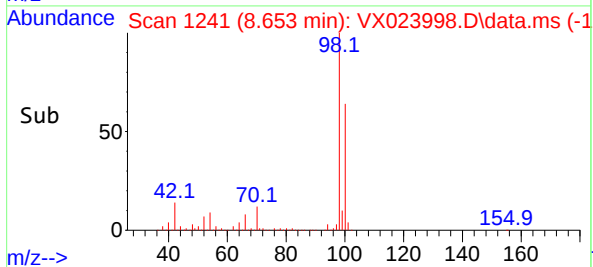
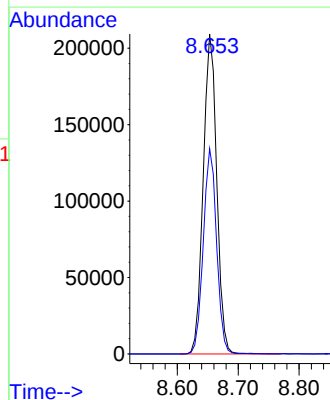
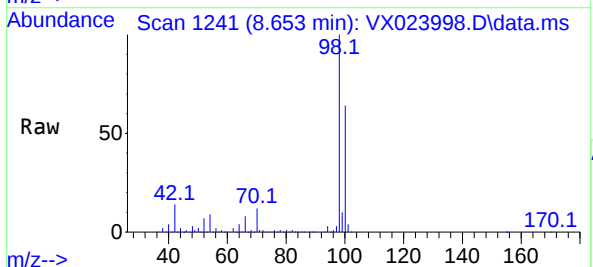
Instrument :
MSVOA_X
ClientSampled :
VE4-7

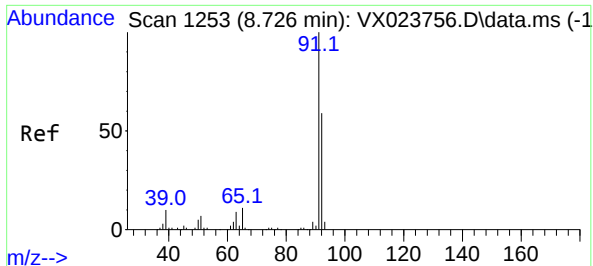
Tgt Ion:113 Resp: 85191
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 18.7 16.7 25.1



#50
Toluene-d8
Concen: 47.836 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

Tgt Ion: 98 Resp: 322498
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

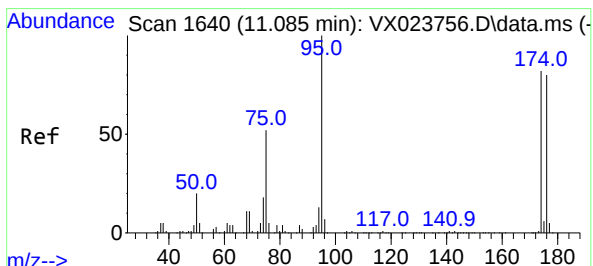
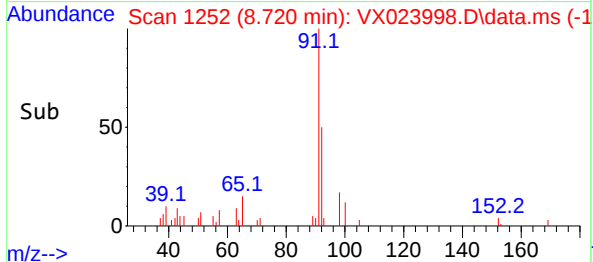
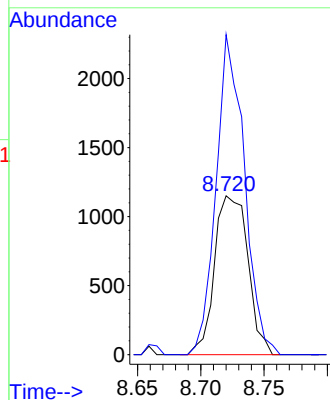
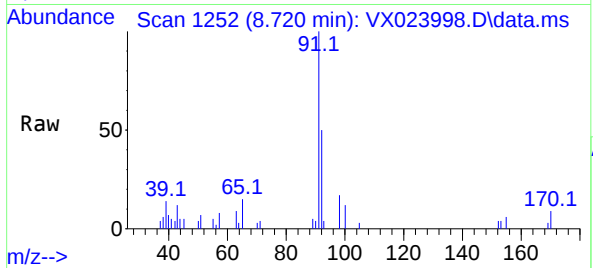




#52
Toluene
Concen: 0.445 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

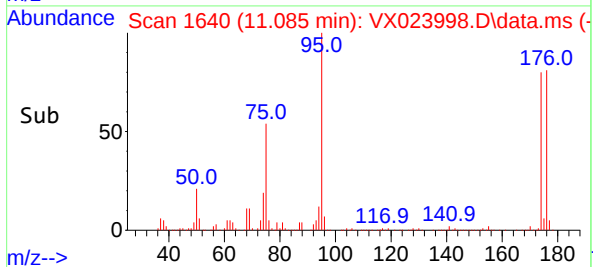
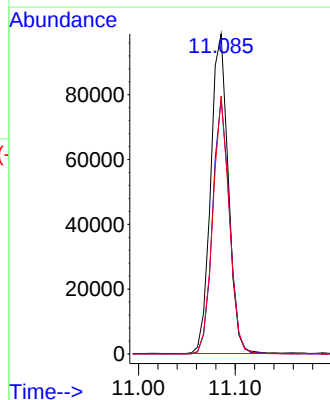
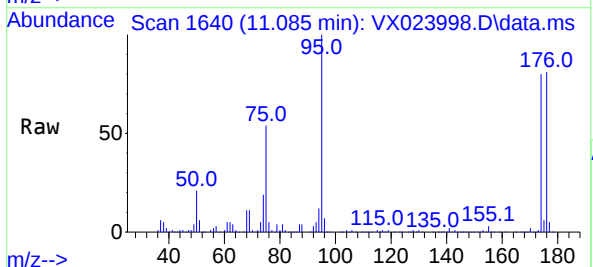
Instrument :
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ClientSampled :
VE4-7

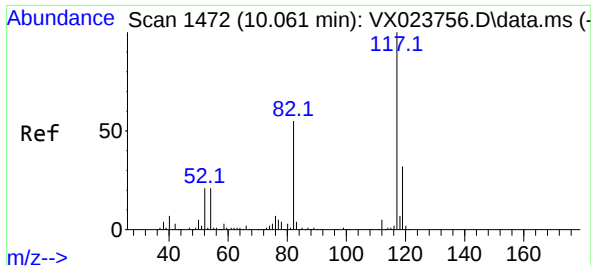
Tgt Ion: 92 Resp: 2112
Ion Ratio Lower Upper
92 100
91 170.8 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 50.186 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

Tgt Ion: 95 Resp: 124552
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 76.1 0.0 155.8

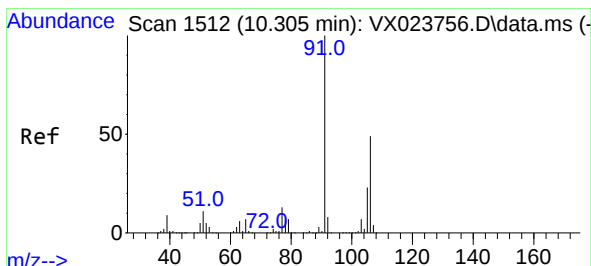
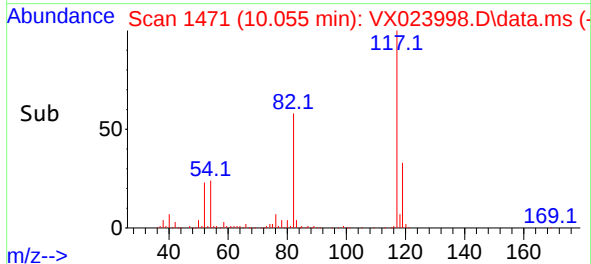
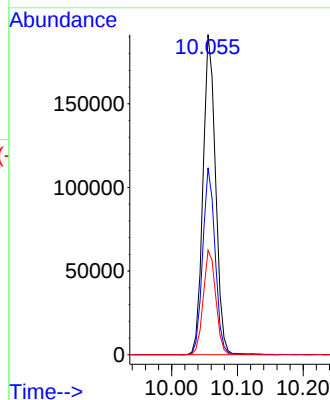
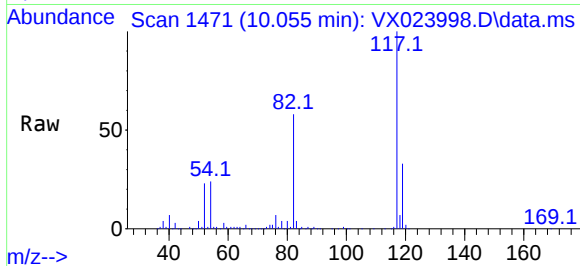




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

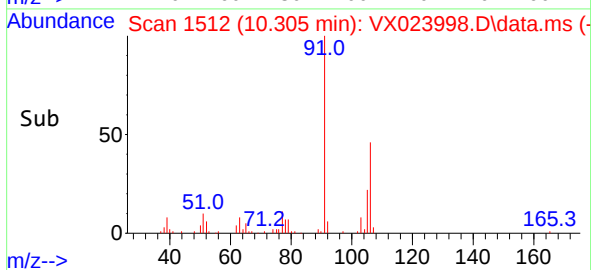
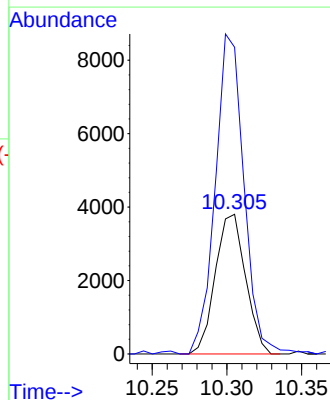
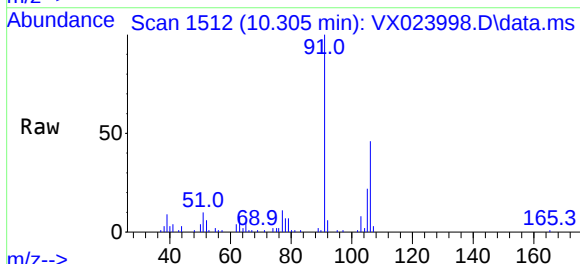
Instrument :
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VE4-7

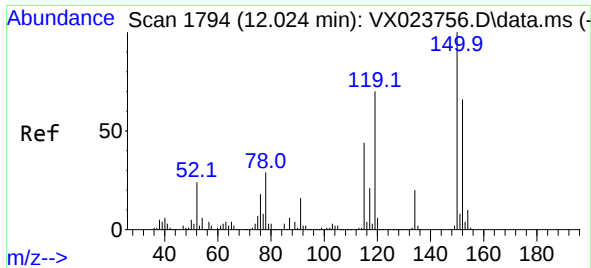
Tgt Ion:117 Resp: 254020
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.6 26.6 39.8



#68
m/p-Xylenes
Concen: 1.517 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023998.D
Acq: 27 Aug 2021 17:31

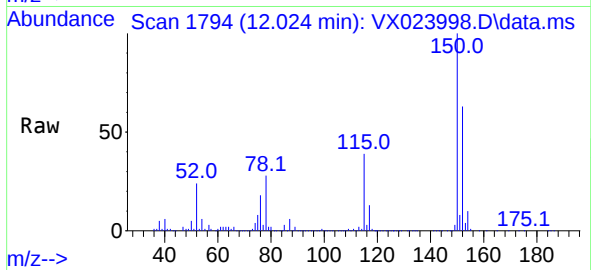
Tgt Ion:106 Resp: 5350
Ion Ratio Lower Upper
106 100
91 217.6 162.8 244.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023998.D
 Acq: 27 Aug 2021 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VE4-7



Tgt Ion:152 Resp: 120084

Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	158.7	0.0	349.0

