

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023769.D
 Acq On : 17 Aug 2021 17:40
 Operator : JC/MD
 Sample : M3407-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 27N

Quant Time: Aug 17 18:05:14 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)

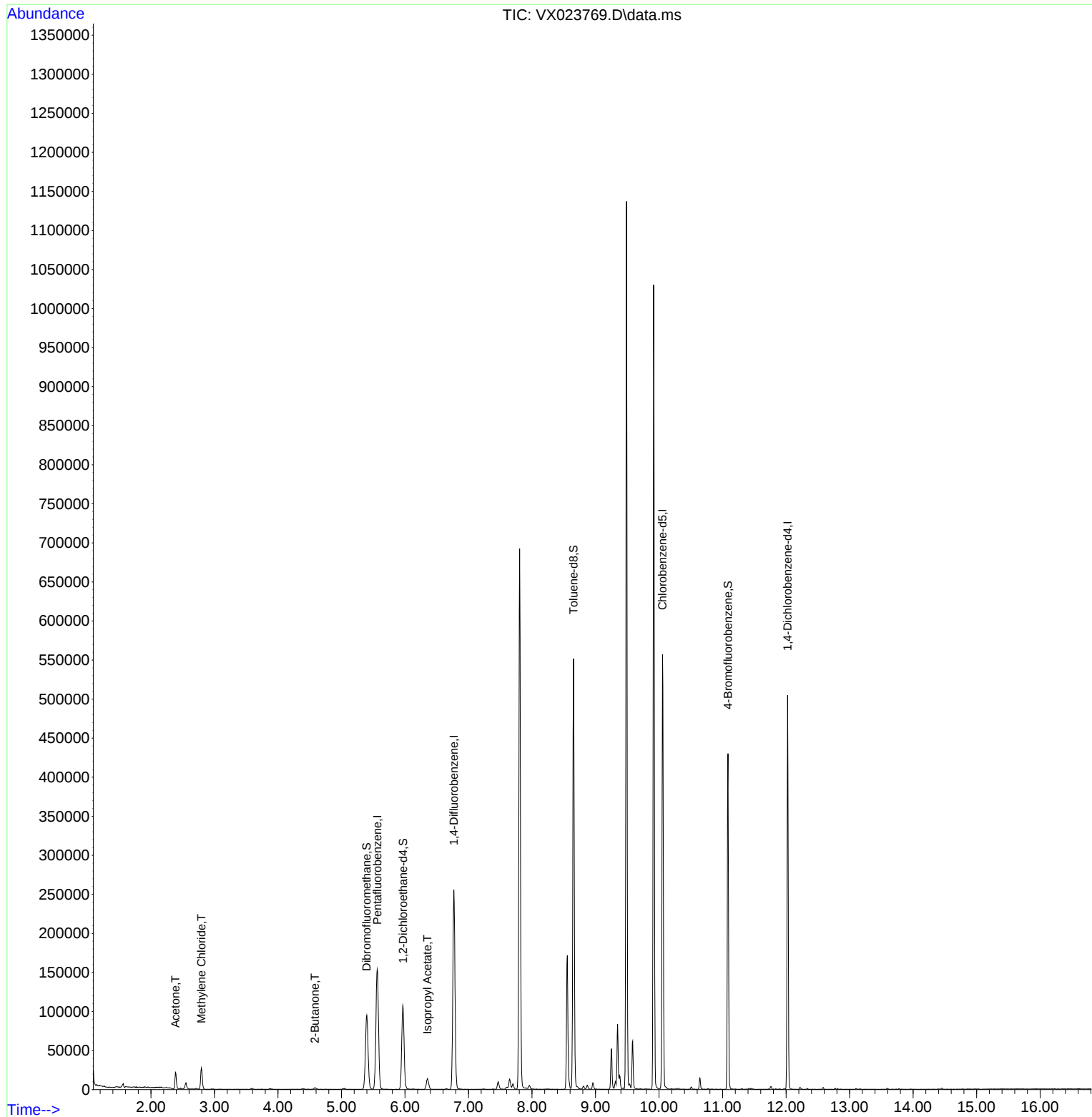
Internal Standards						
1) Pentafluorobenzene	5.562	168	146111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	105032	51.505	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.020%
35) Dibromofluoromethane	5.397	113	81149	48.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	8.653	98	313368	48.970	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.085	95	109046	46.290	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.580%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	22271	24.425	ug/l	94
20) Methylene Chloride	2.794	84	11741	6.741	ug/l	90
25) 2-Butanone	4.580	43	3053	2.211	ug/l	97
43) Isopropyl Acetate	6.354	43	18441	4.077	ug/l #	91

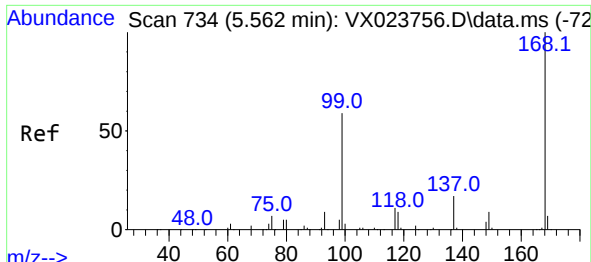
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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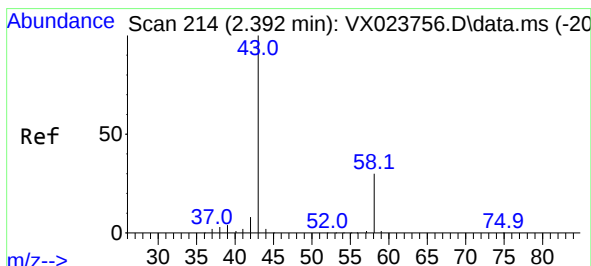
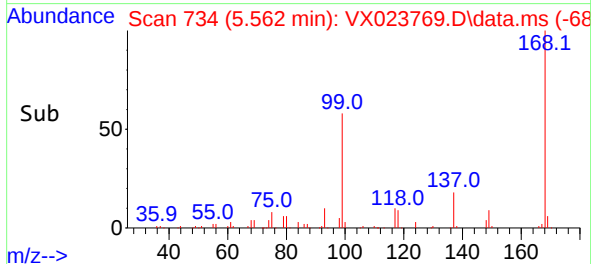
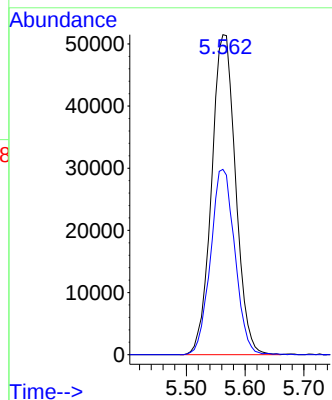
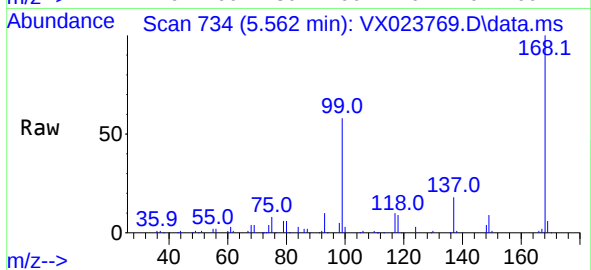




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023769.D
Acq: 17 Aug 2021 17:40

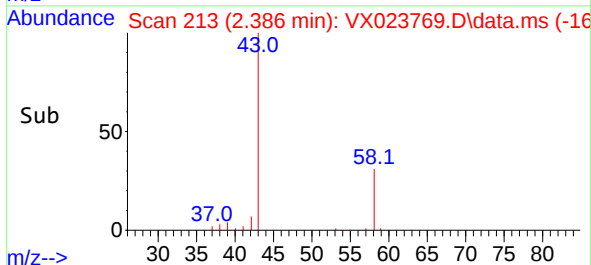
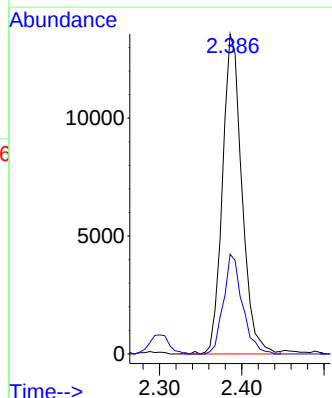
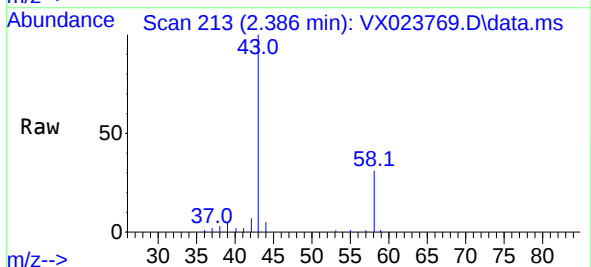
Instrument :
MSVOA_X
ClientSampleId :
27N

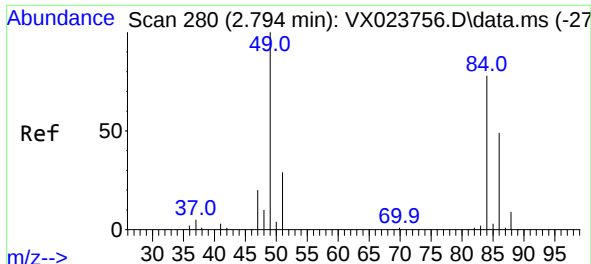
Tgt Ion:168 Resp: 146111
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#16
Acetone
Concen: 24.425 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023769.D
Acq: 17 Aug 2021 17:40

Tgt Ion: 43 Resp: 22271
Ion Ratio Lower Upper
43 100
58 31.1 27.8 41.8



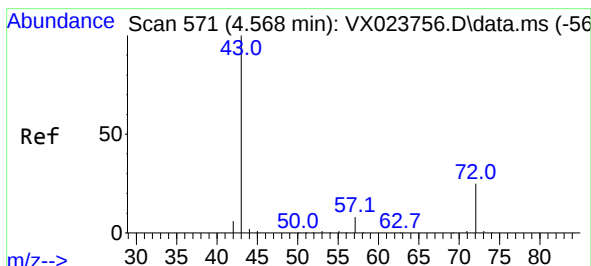
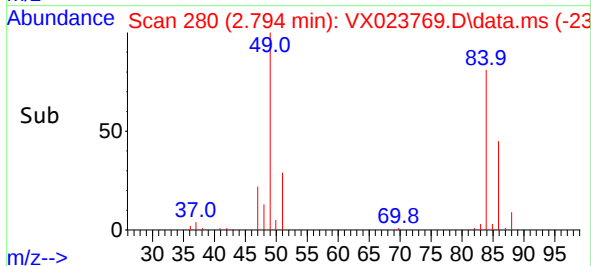
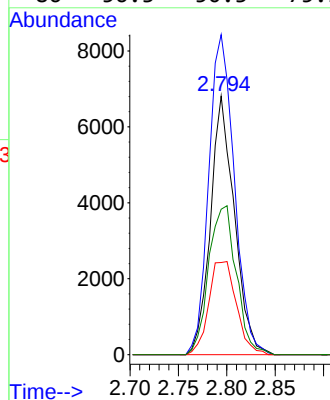
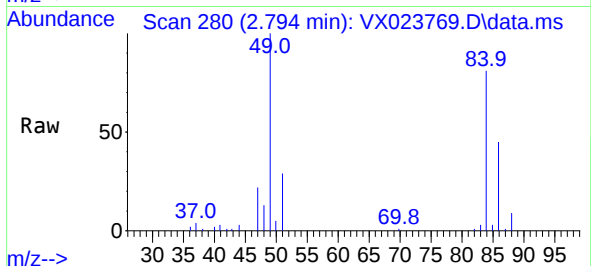


#20
Methylene Chloride
Concen: 6.741 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023769.D
Acq: 17 Aug 2021 17:40

Instrument :
MSVOA_X
ClientSampleId :
27N

Tgt Ion: 84 Resp: 11741

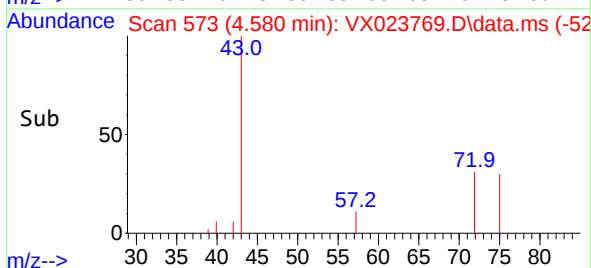
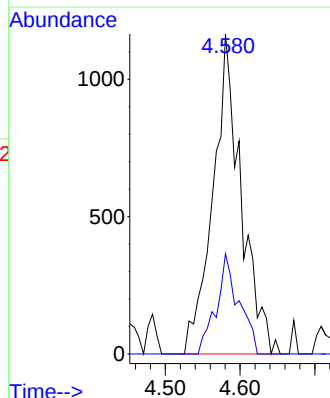
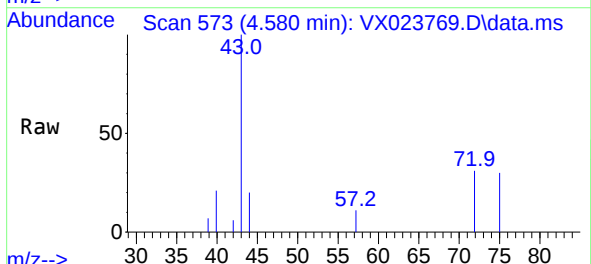
Ion	Ratio	Lower	Upper
84	100		
49	123.7	88.6	132.8
51	35.6	27.0	40.6
86	56.3	50.3	75.5

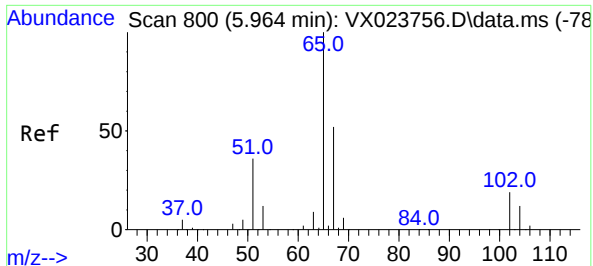


#25
2-Butanone
Concen: 2.211 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023769.D
Acq: 17 Aug 2021 17:40

Tgt Ion: 43 Resp: 3053

Ion	Ratio	Lower	Upper
43	100		
72	31.3	23.7	35.5

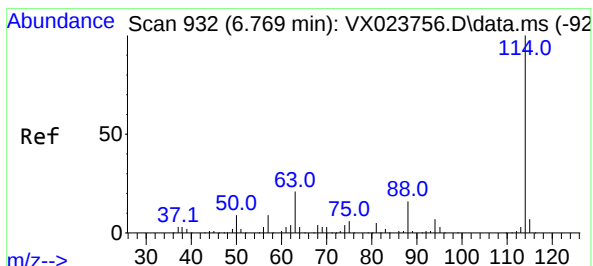
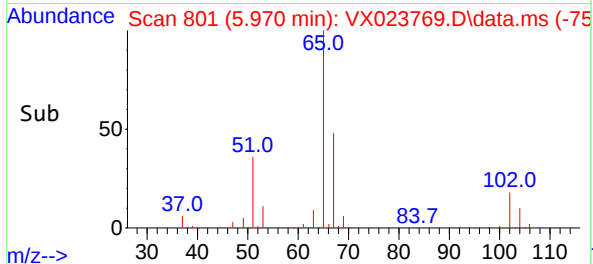
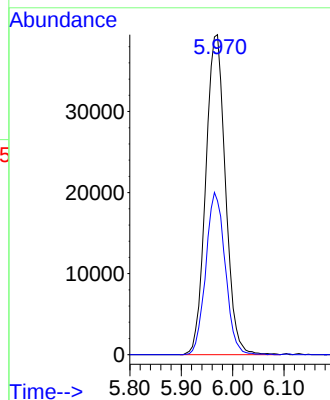
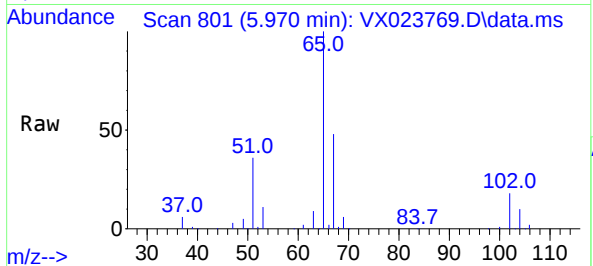




#33
 1,2-Dichloroethane-d4
 Concen: 51.505 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX023769.D
 Acq: 17 Aug 2021 17:40

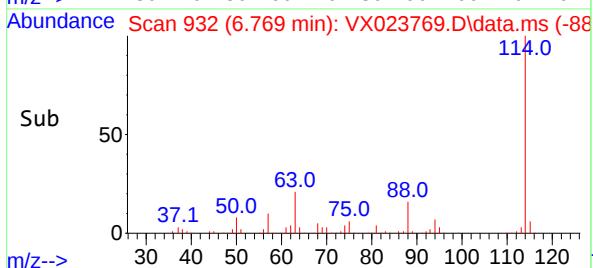
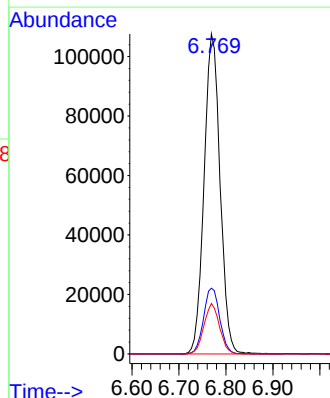
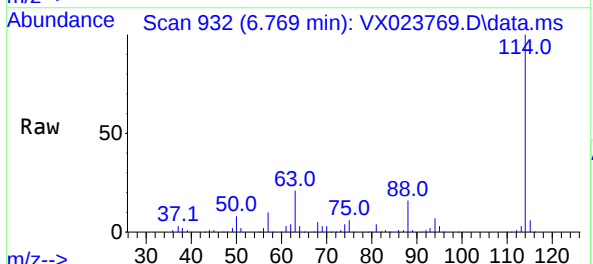
Instrument :
 MSVOA_X
 ClientSampled :
 27N

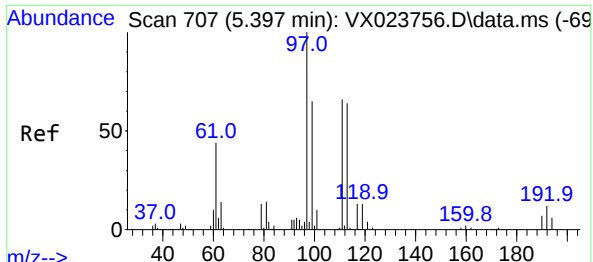
Tgt Ion: 65 Resp: 105032
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023769.D
 Acq: 17 Aug 2021 17:40

Tgt Ion: 114 Resp: 254022
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.265 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023769.D

Acq: 17 Aug 2021 17:40

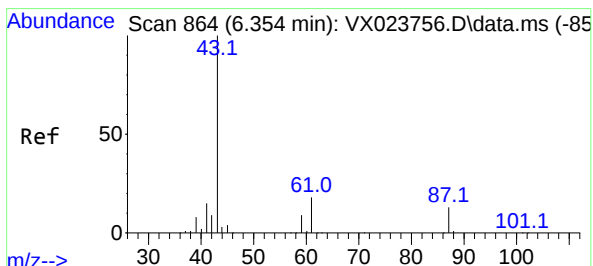
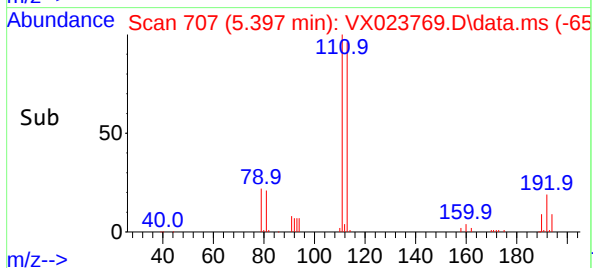
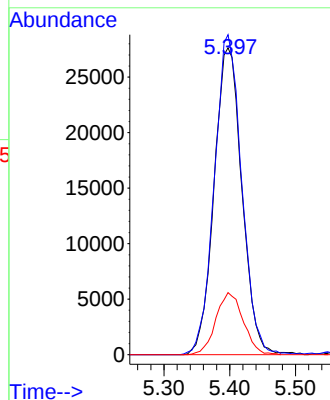
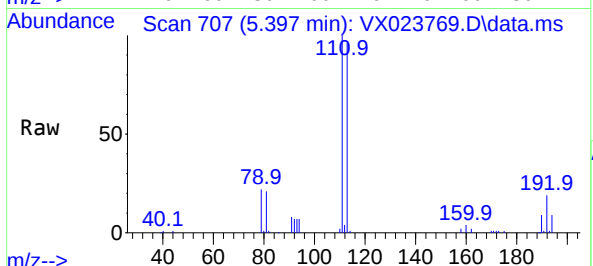
Tgt Ion: 113 Resp: 81149

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 20.0 16.7 25.1



#43

Isopropyl Acetate

Concen: 4.077 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.000 min

Lab File: VX023769.D

Acq: 17 Aug 2021 17:40

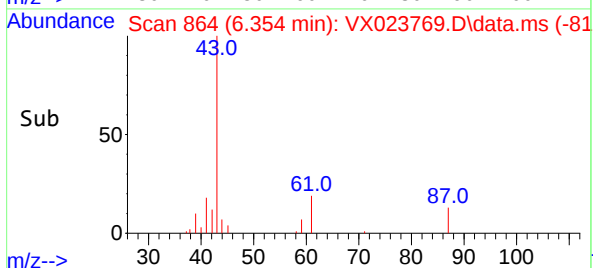
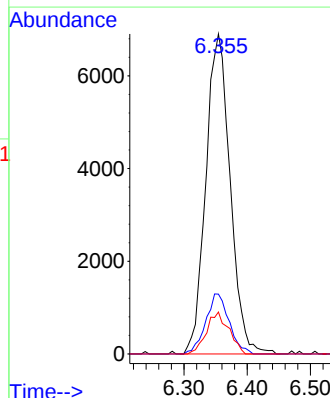
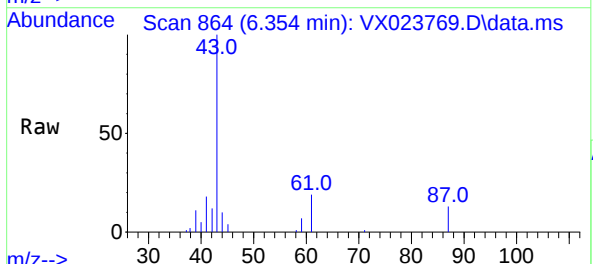
Tgt Ion: 43 Resp: 18441

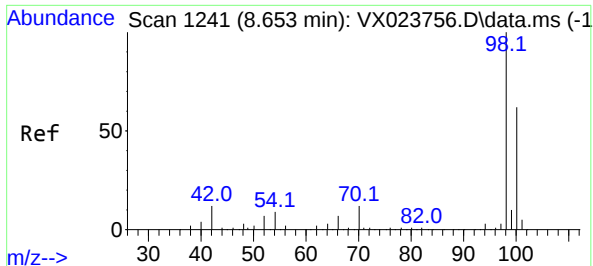
Ion Ratio Lower Upper

43 100

61 18.1 18.2 27.4#

87 12.0 12.5 18.7#

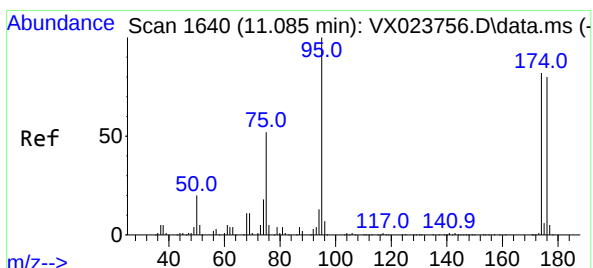
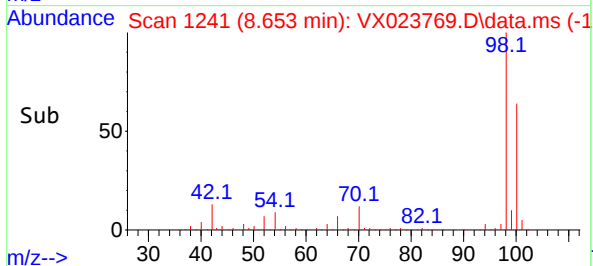
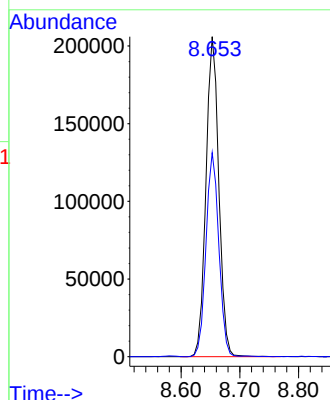
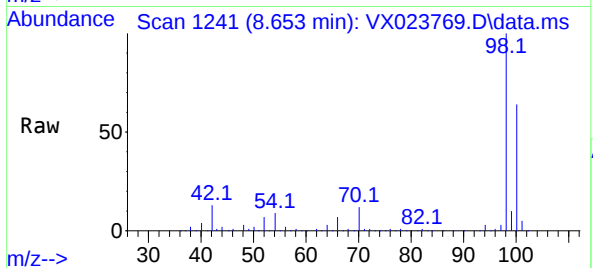




#50
Toluene-d8
Concen: 48.970 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023769.D
Acq: 17 Aug 2021 17:40

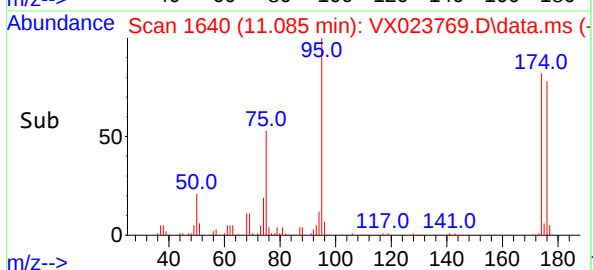
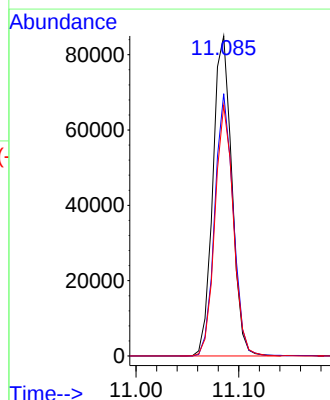
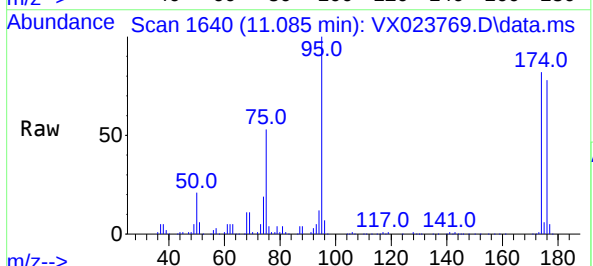
Instrument :
MSVOA_X
ClientSampled :
27N

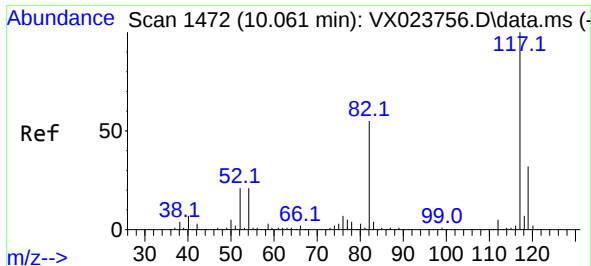
Tgt Ion: 98 Resp: 313368
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.290 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023769.D
Acq: 17 Aug 2021 17:40

Tgt Ion: 95 Resp: 109046
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 75.9 0.0 155.8



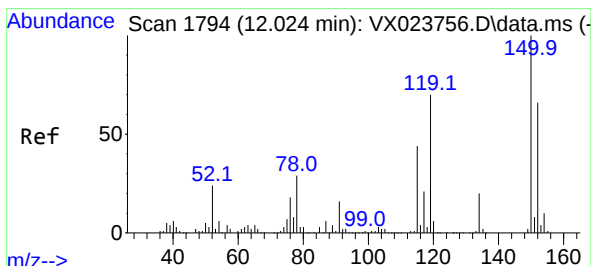
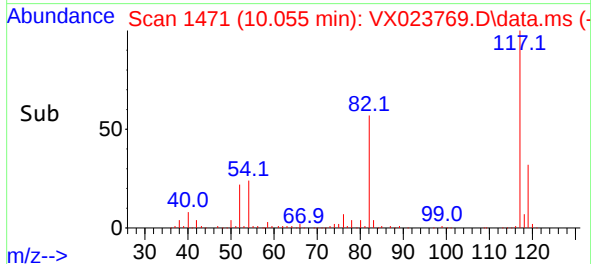
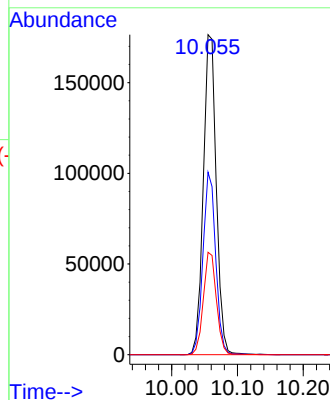
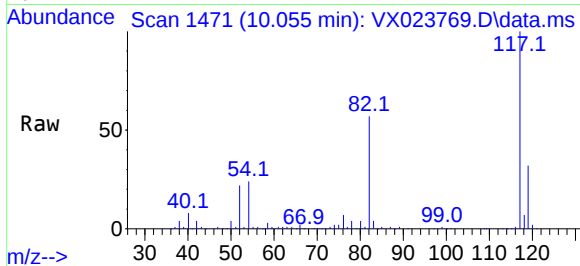


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023769.D
Acq: 17 Aug 2021 17:40

Instrument :
MSVOA_X
ClientSampled :
27N

Tgt Ion:117 Resp: 241831

Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.4	71.2
119	32.0	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023769.D
Acq: 17 Aug 2021 17:40

Tgt Ion:152 Resp: 97925

Ion	Ratio	Lower	Upper
152	100		
115	59.3	41.1	123.3
150	159.6	0.0	349.0

