

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023558.D
 Acq On : 04 Aug 2021 22:19
 Operator : JC/MD
 Sample : M3276-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PRE-MAEC-02

Quant Time: Aug 05 06:10:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

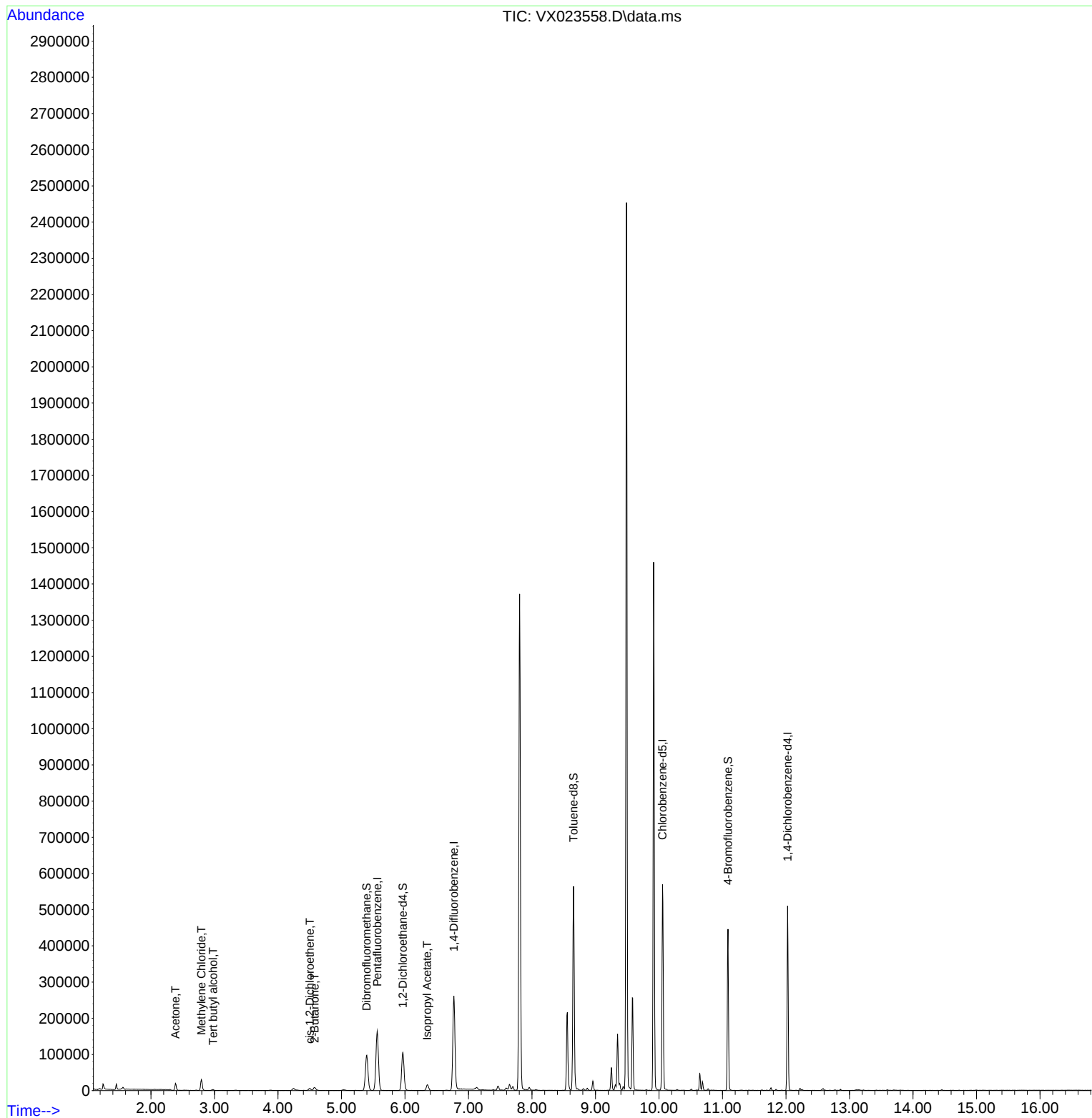
Internal Standards						
1) Pentafluorobenzene	5.562	168	154461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	259746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102467	53.181	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.360%		
35) Dibromofluoromethane	5.397	113	83647	51.505	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.020%		
50) Toluene-d8	8.653	98	326680	54.750	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 109.500%		
62) 4-Bromofluorobenzene	11.085	95	110261	54.344	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.680%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	2600	5.907	ug/l	# 95
16) Acetone	2.386	43	20184	21.355	ug/l	90
20) Methylene Chloride	2.794	84	13277	7.222	ug/l	92
25) 2-Butanone	4.574	43	15600	10.632	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	3584	1.914	ug/l	90
43) Isopropyl Acetate	6.349	43	21459	4.674	ug/l	93

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

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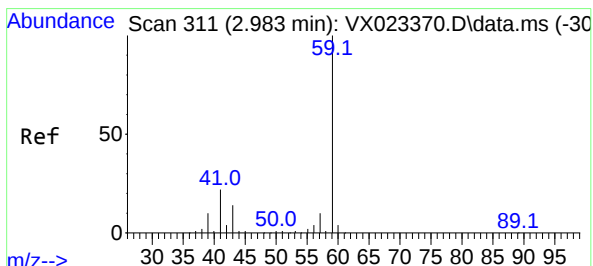
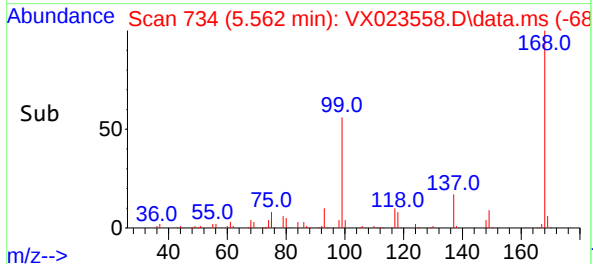
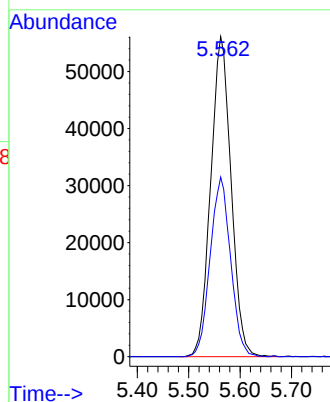
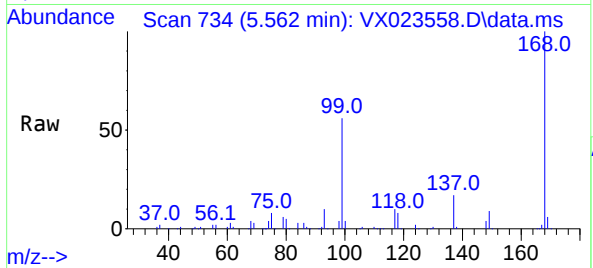




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

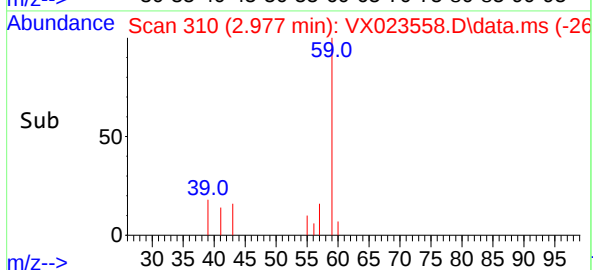
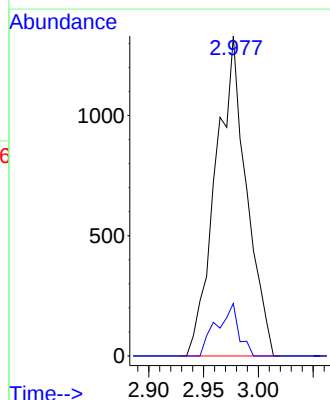
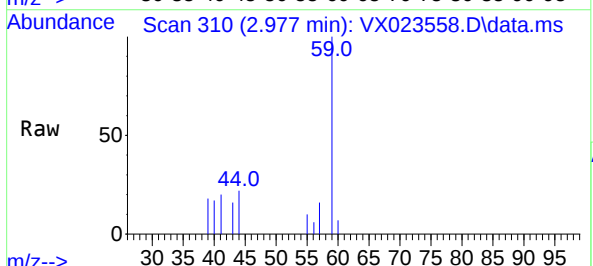
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

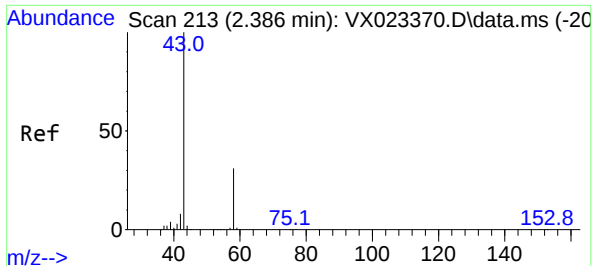
Tgt Ion:168 Resp: 154461
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6



#11
Tert butyl alcohol
Concen: 5.907 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 59 Resp: 2600
Ion Ratio Lower Upper
59 100
57 11.8 7.8 11.8#

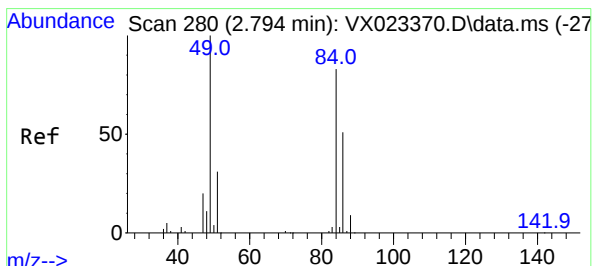
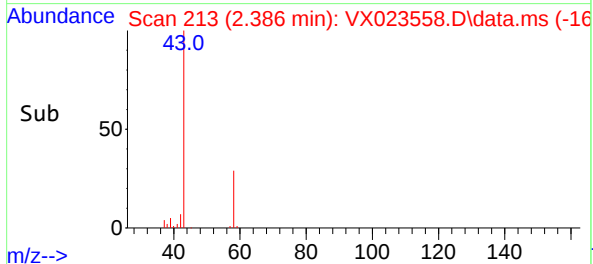
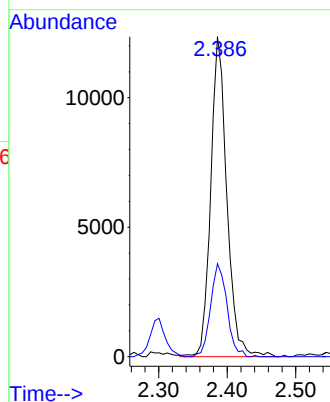
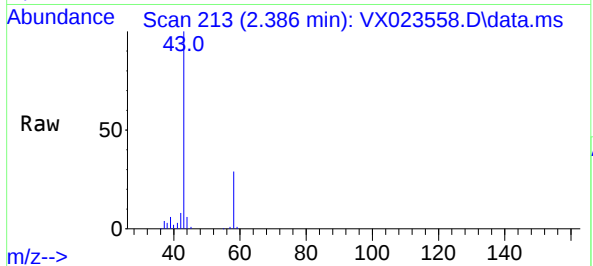




#16
Acetone
Concen: 21.355 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

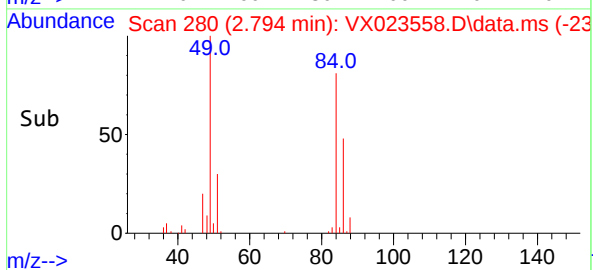
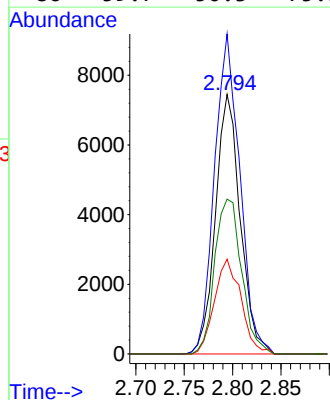
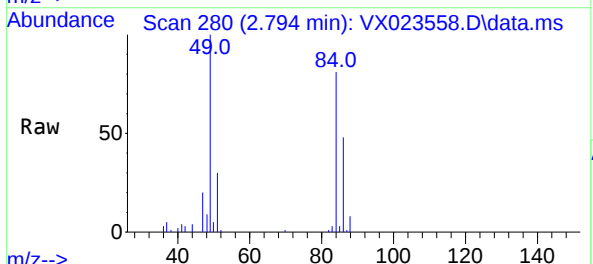
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

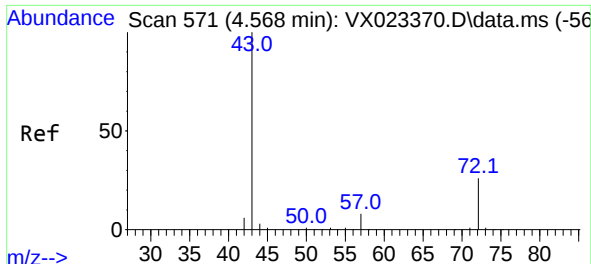
Tgt Ion: 43 Resp: 20184
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8



#20
Methylene Chloride
Concen: 7.222 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 84 Resp: 13277
Ion Ratio Lower Upper
84 100
49 123.3 88.6 132.8
51 36.5 27.0 40.6
86 59.7 50.3 75.5

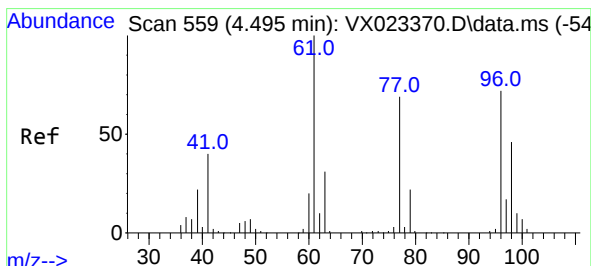
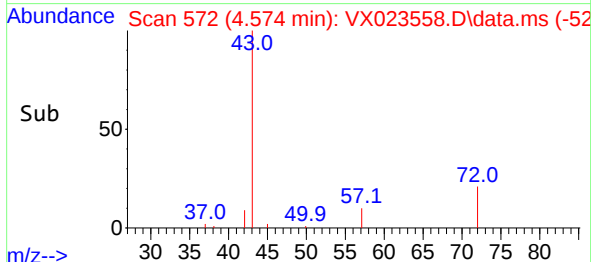
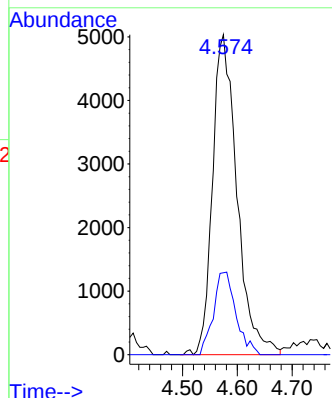
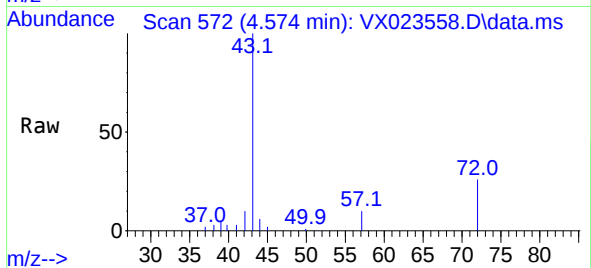




#25
2-Butanone
Concen: 10.632 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

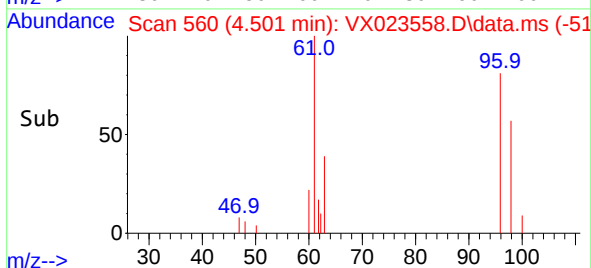
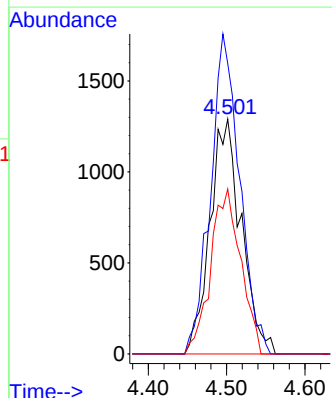
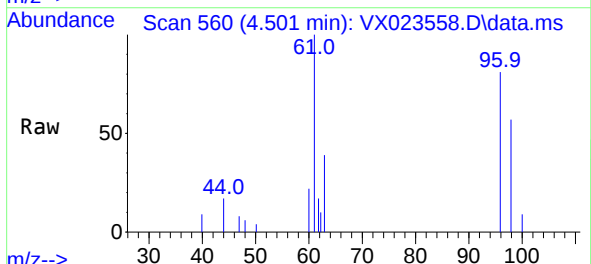
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

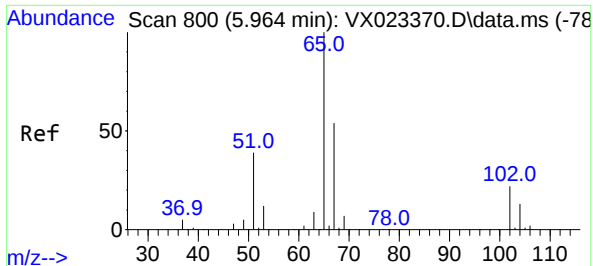
Tgt Ion: 43 Resp: 15600
Ion Ratio Lower Upper
43 100
72 25.6 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 1.914 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 96 Resp: 3584
Ion Ratio Lower Upper
96 100
61 126.9 0.0 285.6
98 67.4 0.0 129.6



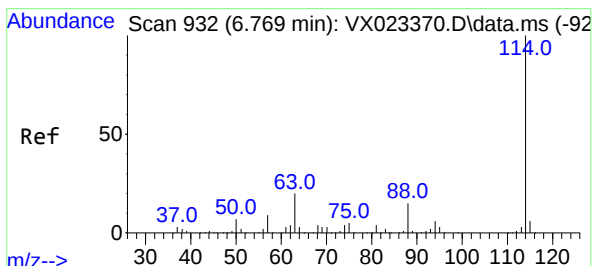
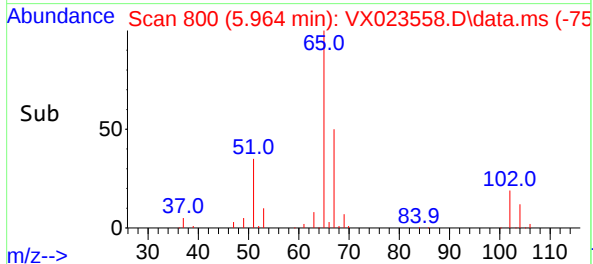
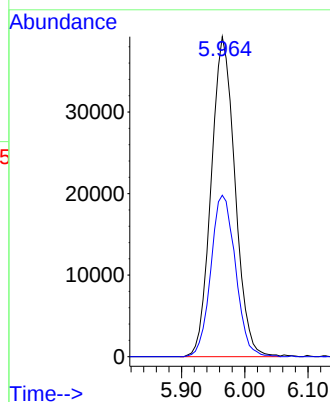
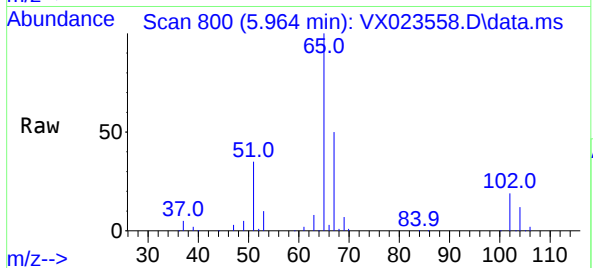


#33

1,2-Dichloroethane-d4
Concen: 53.181 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

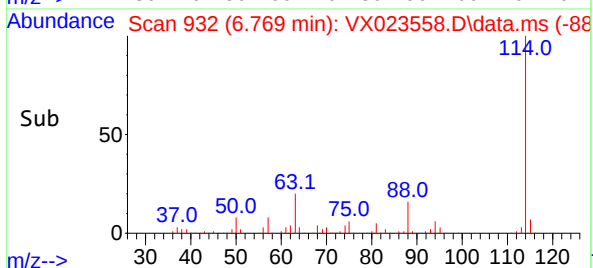
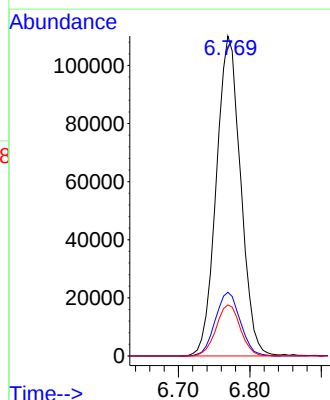
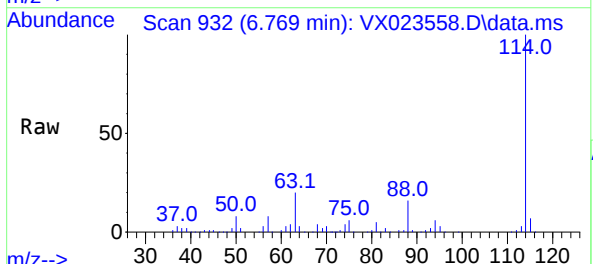
Tgt Ion: 65 Resp: 102467
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

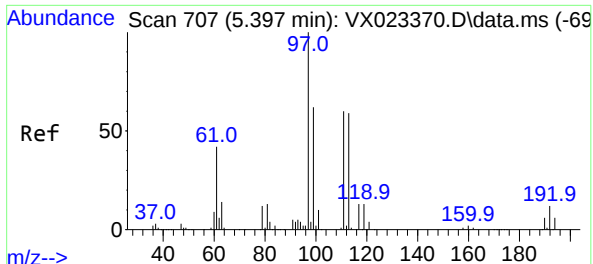


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 114 Resp: 259746
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.0 0.0 32.8

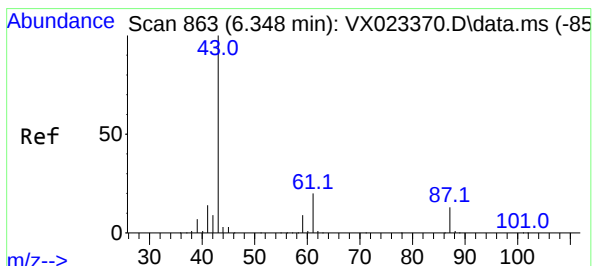
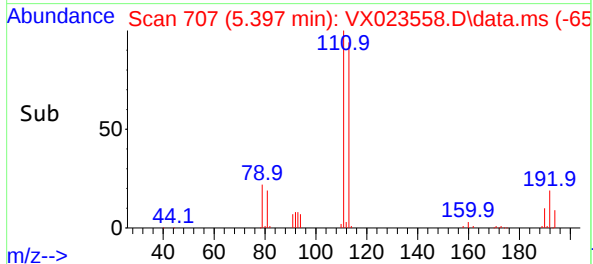
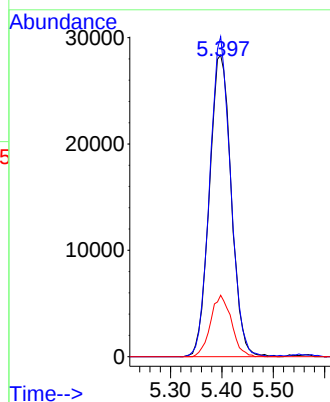
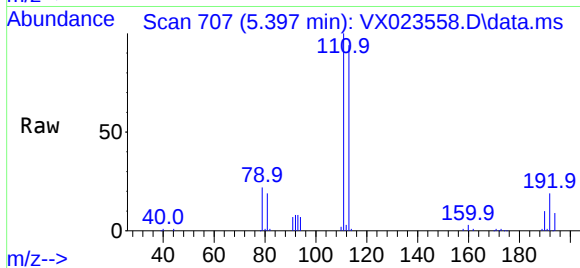




#35
Dibromofluoromethane
Concen: 51.505 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

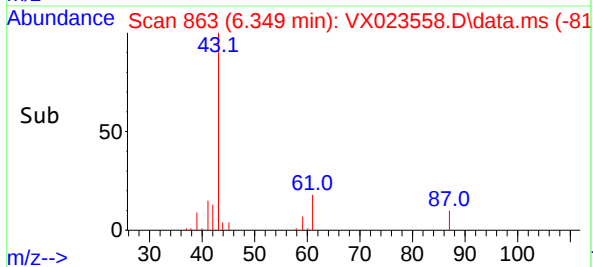
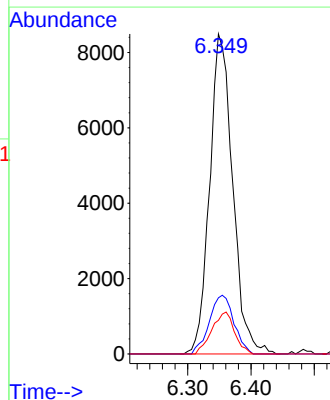
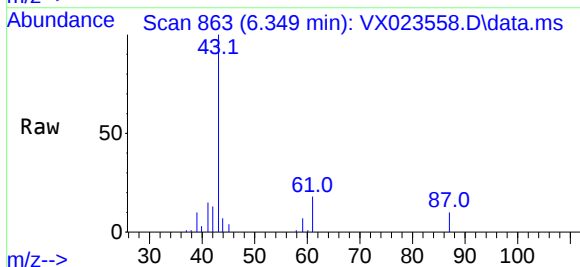
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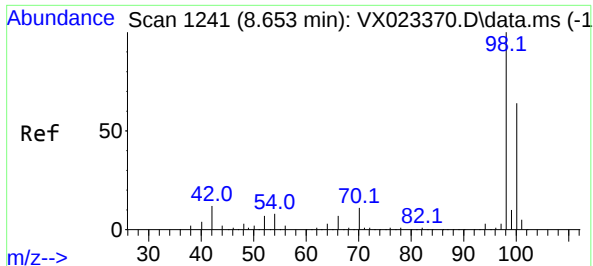
Tgt Ion:	113	Resp:	83647
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	19.5	16.7	25.1



#43
Isopropyl Acetate
Concen: 4.674 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.001 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion:	43	Resp:	21459
Ion	Ratio	Lower	Upper
43	100		
61	19.5	18.2	27.4
87	12.9	12.5	18.7

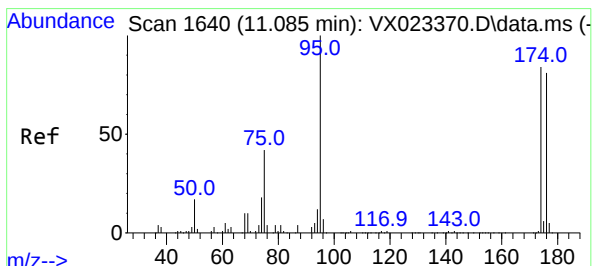
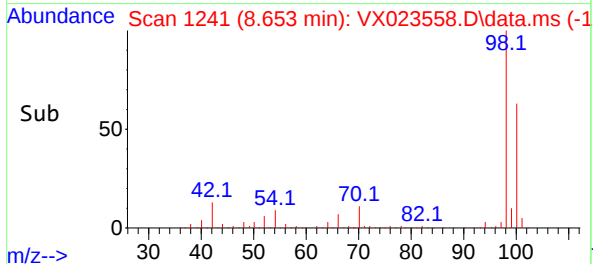
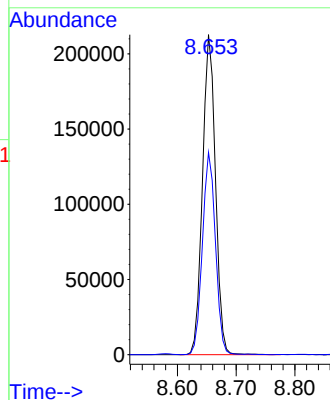
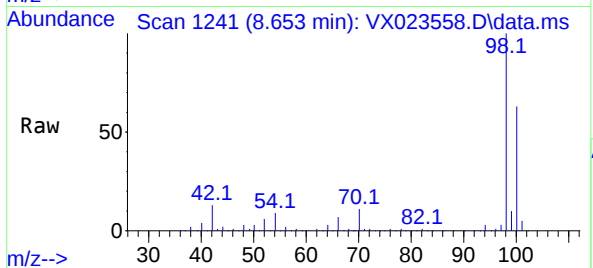




#50
Toluene-d8
Concen: 54.750 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

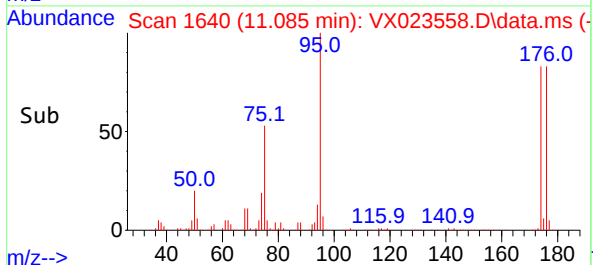
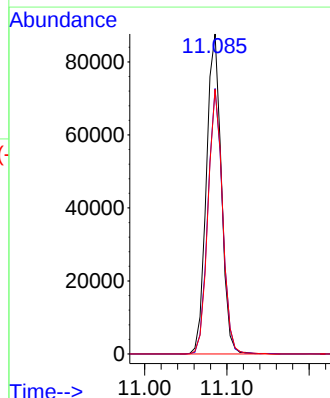
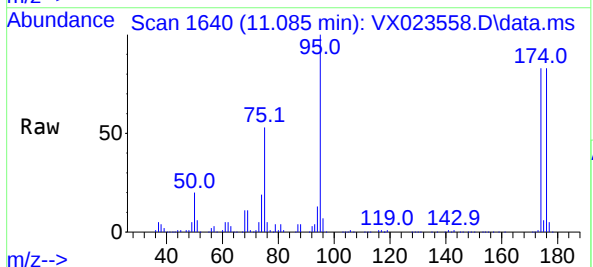
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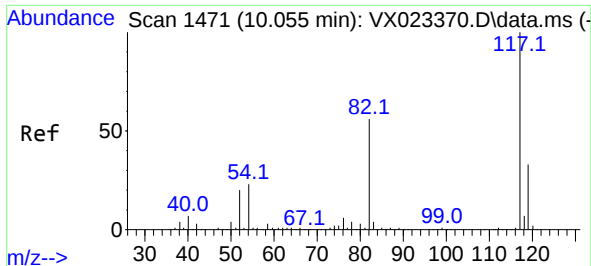
Tgt Ion: 98 Resp: 326680
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.344 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 95 Resp: 110261
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 80.7 0.0 155.8

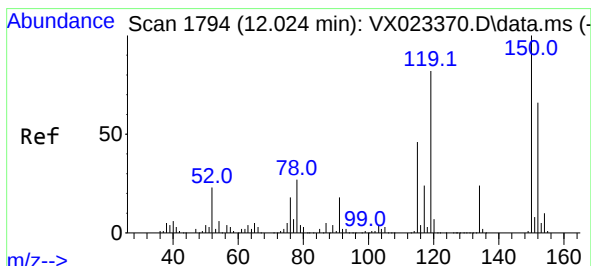
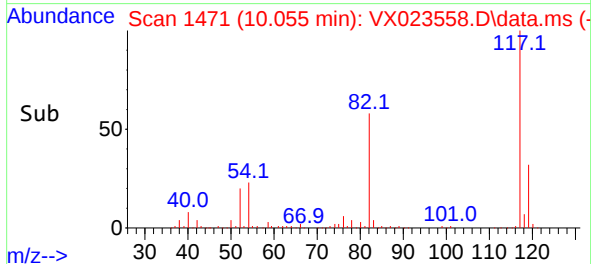
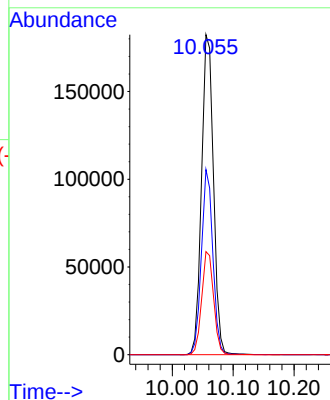
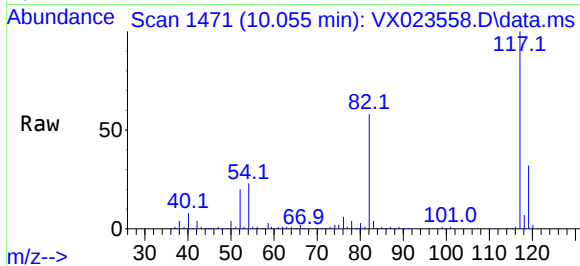




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Instrument :
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Tgt Ion:117 Resp: 248891
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.2 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: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion:152 Resp: 100229
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 158.3 0.0 349.0

