

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023195.D
 Acq On : 08 Jul 2021 13:31
 Operator : JC/MD
 Sample : M2953-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-070621

Quant Time: Jul 09 02:09:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

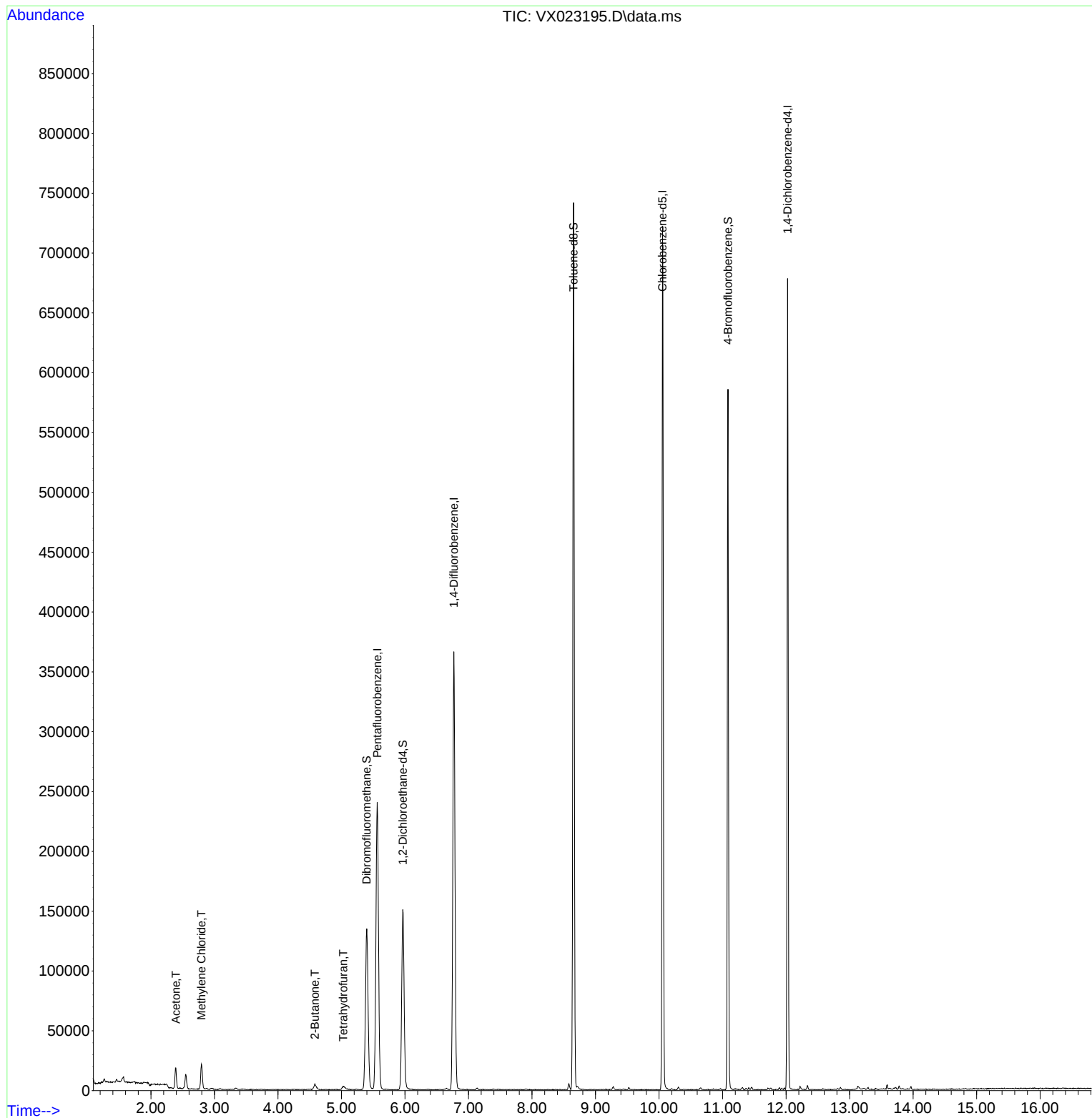
Internal Standards						
1) Pentafluorobenzene	5.562	168	223072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	363608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152011	50.703	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.400%
35) Dibromofluoromethane	5.397	113	116224	49.499	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.000%
50) Toluene-d8	8.653	98	429941	49.087	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.085	95	153365	45.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.720%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	19414	16.367	ug/l	91
20) Methylene Chloride	2.794	84	9373	3.670	ug/l	91
25) 2-Butanone	4.580	43	4986	2.788	ug/l #	82
29) Tetrahydrofuran	5.025	42	2768	2.407	ug/l #	86

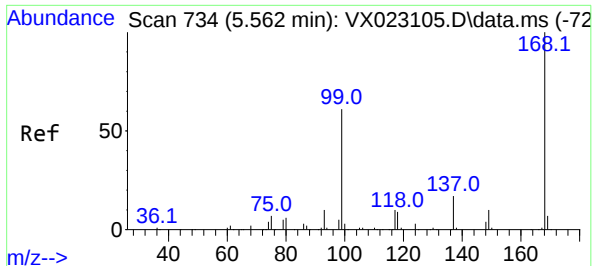
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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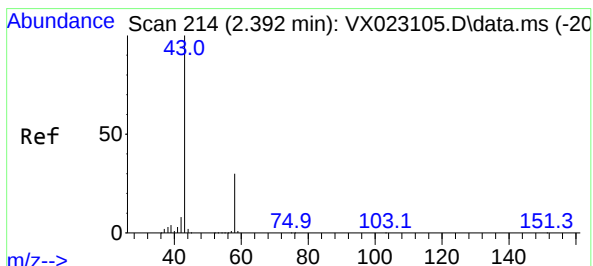
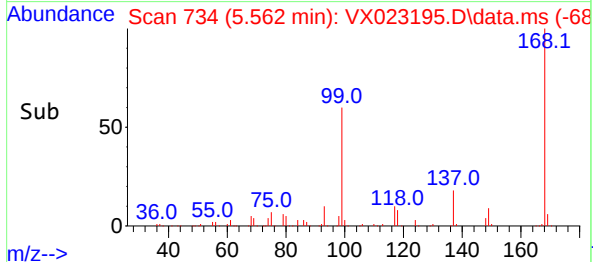
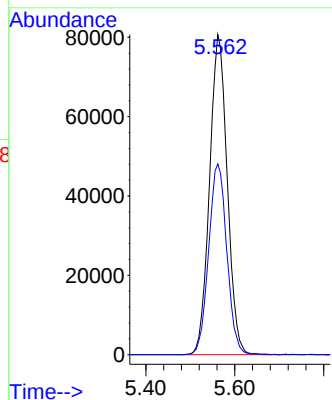
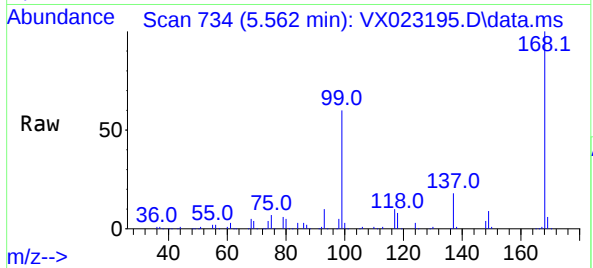




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023195.D
Acq: 08 Jul 2021 13:31

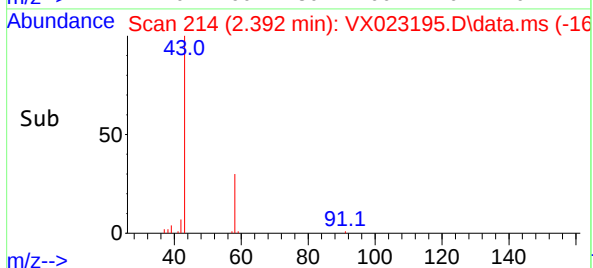
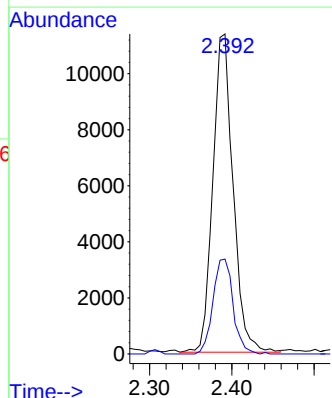
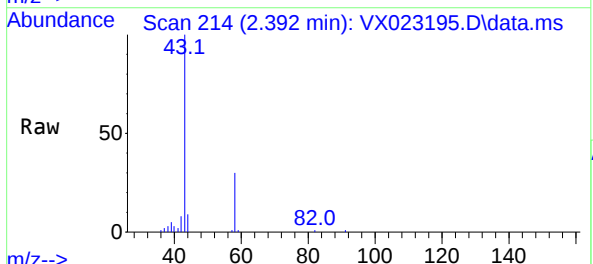
Instrument :
MSVOA_X
ClientSampleId :
EB-01-070621

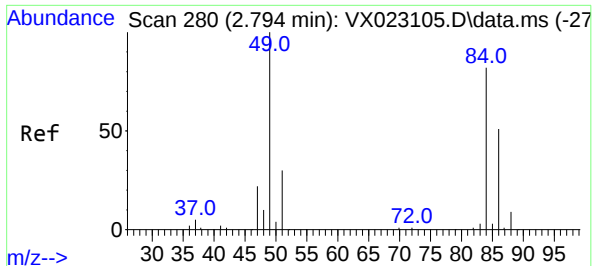
Tgt Ion:168 Resp: 223072
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#16
Acetone
Concen: 16.367 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023195.D
Acq: 08 Jul 2021 13:31

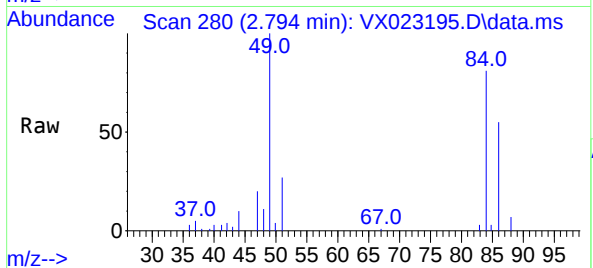
Tgt Ion: 43 Resp: 19414
Ion Ratio Lower Upper
43 100
58 29.8 27.8 41.8





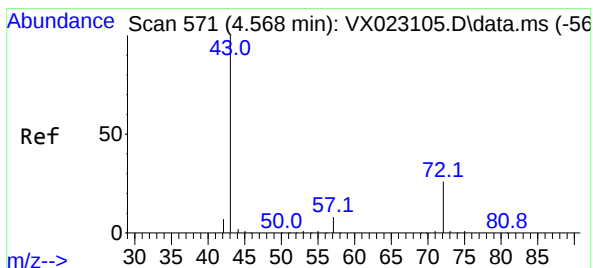
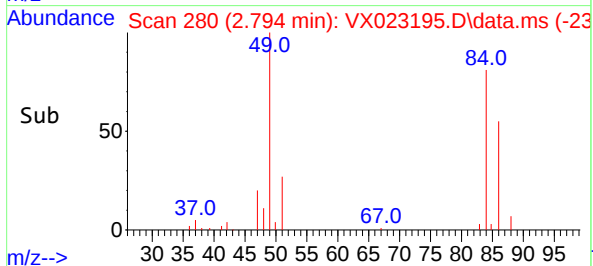
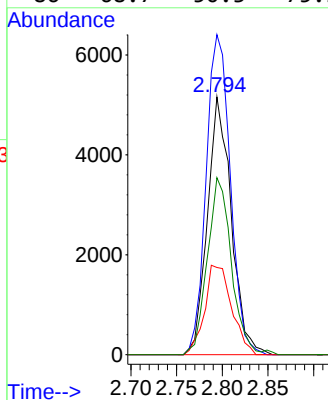
#20
Methylene Chloride
Concen: 3.670 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023195.D
Acq: 08 Jul 2021 13:31

Instrument :
MSVOA_X
ClientSampleId :
EB-01-070621



Tgt Ion: 84 Resp: 9373

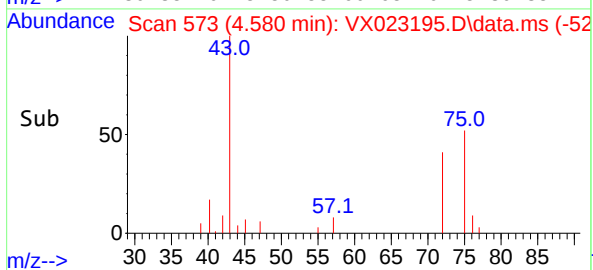
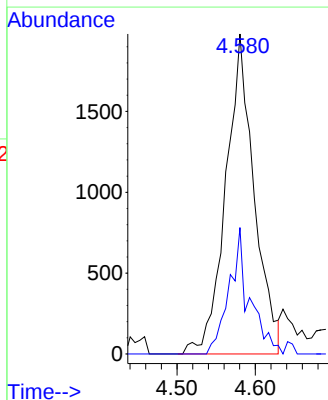
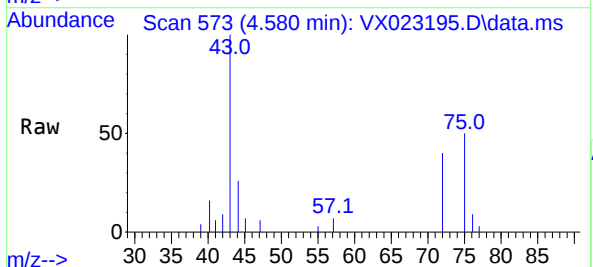
Ion	Ratio	Lower	Upper
84	100		
49	124.1	88.6	132.8
51	33.8	27.0	40.6
86	68.7	50.3	75.5

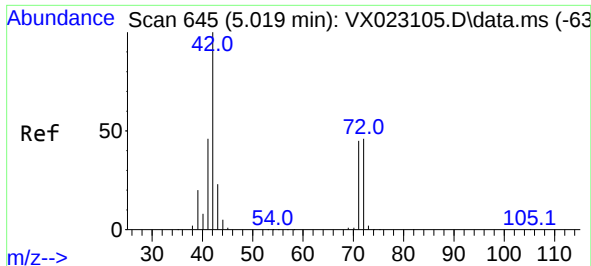


#25
2-Butanone
Concen: 2.788 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023195.D
Acq: 08 Jul 2021 13:31

Tgt Ion: 43 Resp: 4986

Ion	Ratio	Lower	Upper
43	100		
72	39.5	23.7	35.5#





#29

Tetrahydrofuran

Concen: 2.407 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.006 min

Lab File: VX023195.D

Acq: 08 Jul 2021 13:31

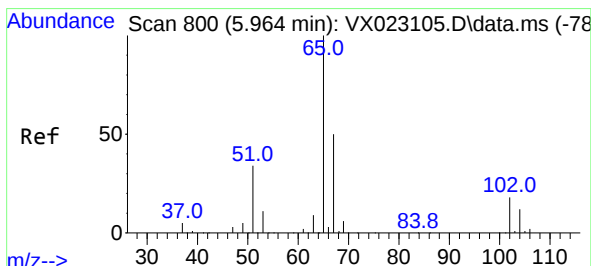
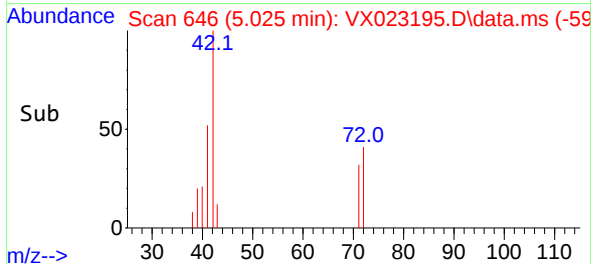
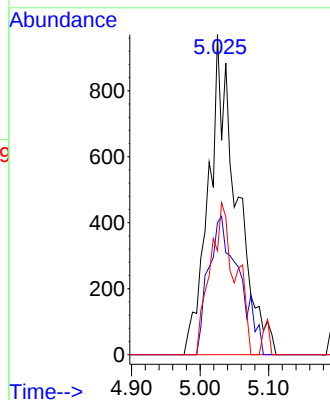
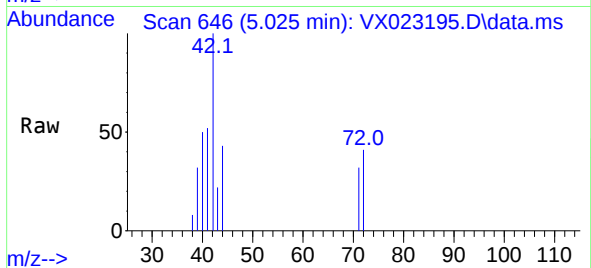
Tgt Ion: 42 Resp: 2768

Ion Ratio Lower Upper

42 100

72 46.8 41.7 62.5

71 34.1 38.4 57.6#



#33

1,2-Dichloroethane-d4

Concen: 50.703 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023195.D

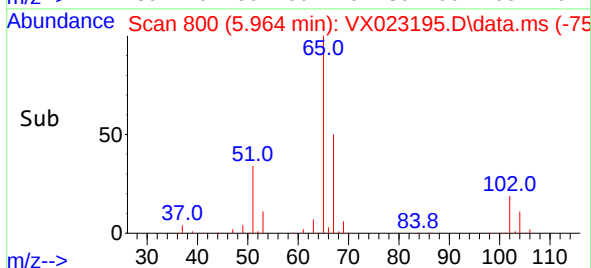
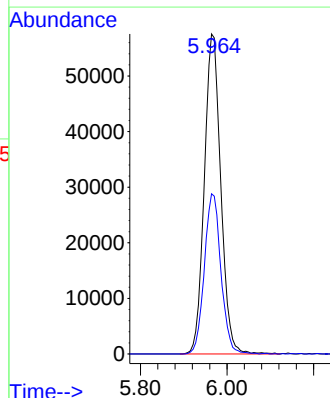
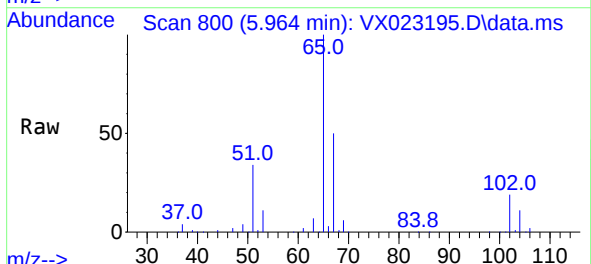
Acq: 08 Jul 2021 13:31

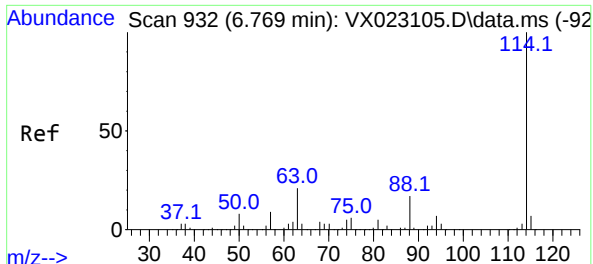
Tgt Ion: 65 Resp: 152011

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.4



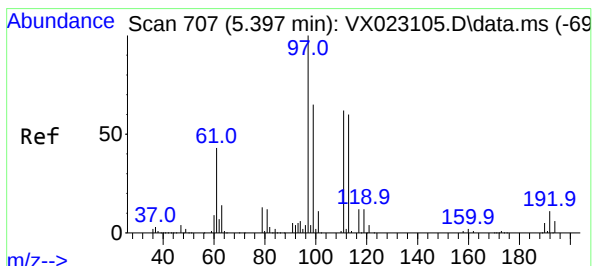
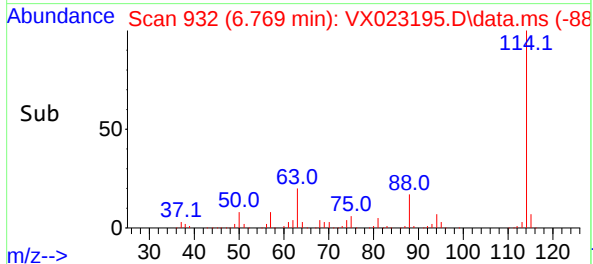
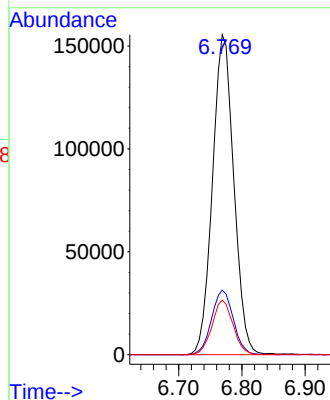
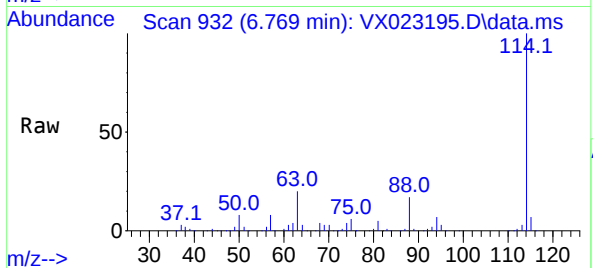


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023195.D
Acq: 08 Jul 2021 13:31

Instrument :
MSVOA_X
ClientSampleId :
EB-01-070621

Tgt Ion:114 Resp: 363608

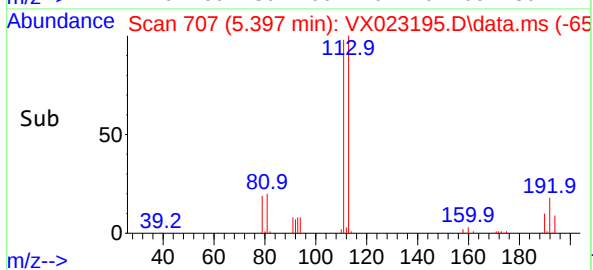
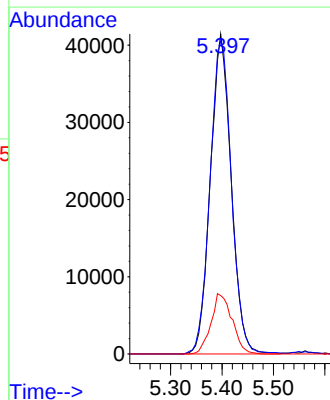
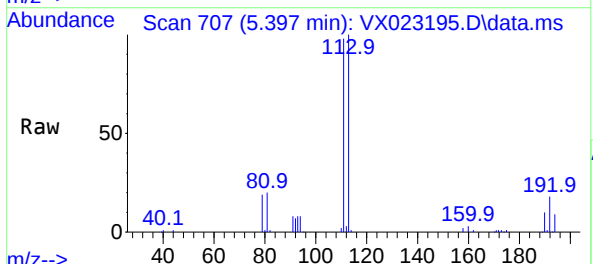
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	17.1	0.0	32.8

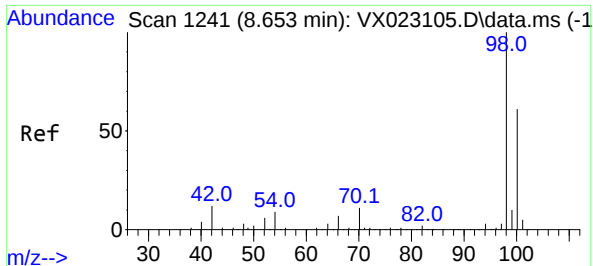


#35
Dibromofluoromethane
Concen: 49.499 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023195.D
Acq: 08 Jul 2021 13:31

Tgt Ion:113 Resp: 116224

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	19.1	16.7	25.1

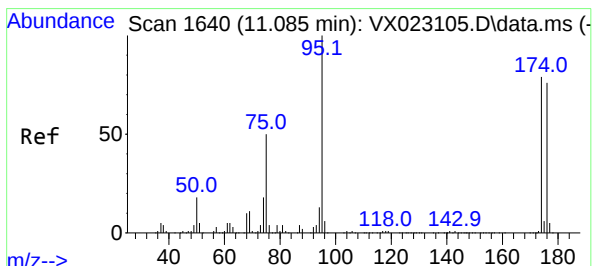
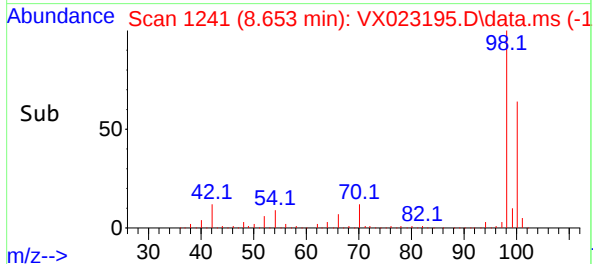
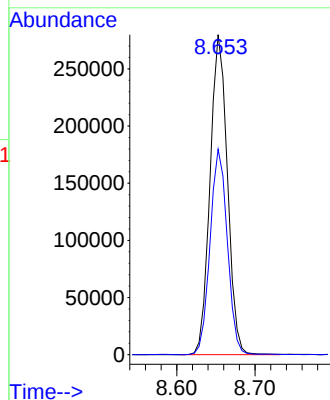
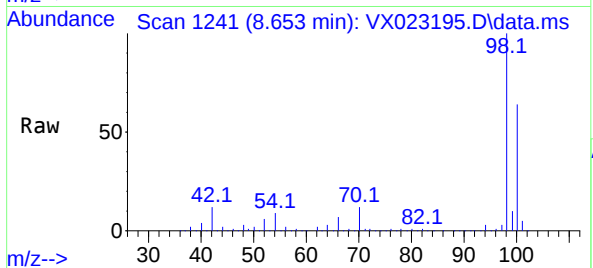




#50
Toluene-d8
Concen: 49.087 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023195.D
Acq: 08 Jul 2021 13:31

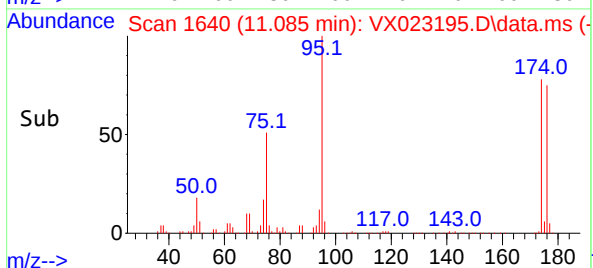
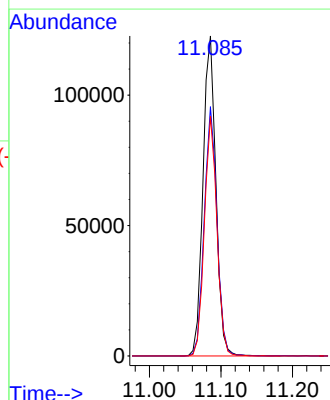
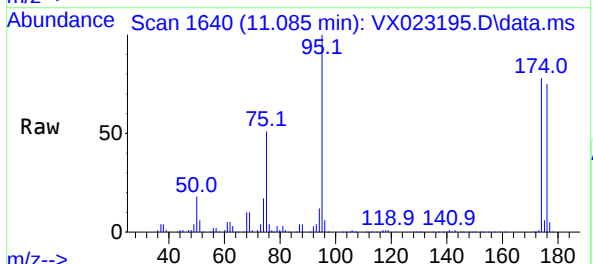
Instrument :
MSVOA_X
ClientSampleId :
EB-01-070621

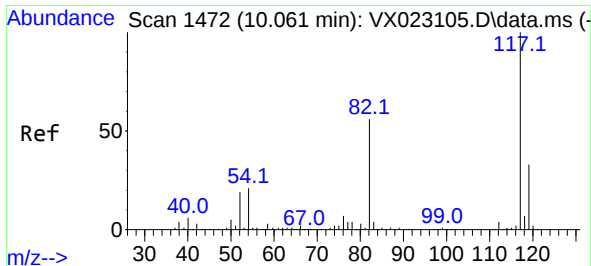
Tgt Ion: 98 Resp: 429941
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.356 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023195.D
Acq: 08 Jul 2021 13:31

Tgt Ion: 95 Resp: 153365
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 72.7 0.0 155.8

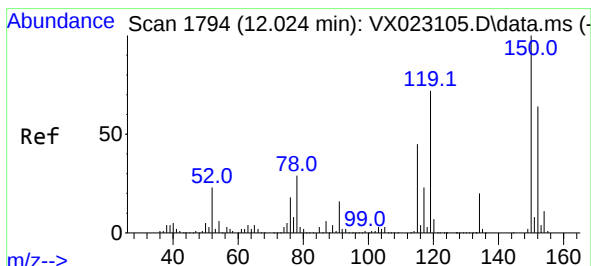
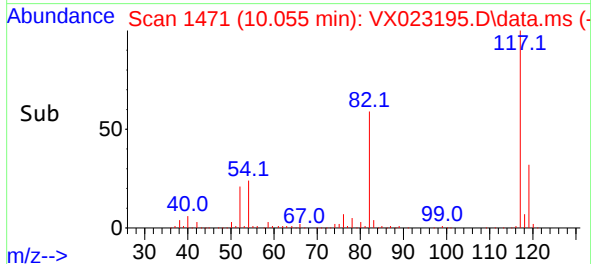
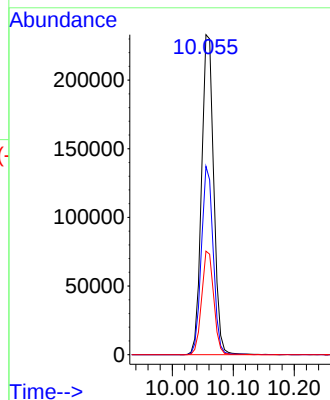
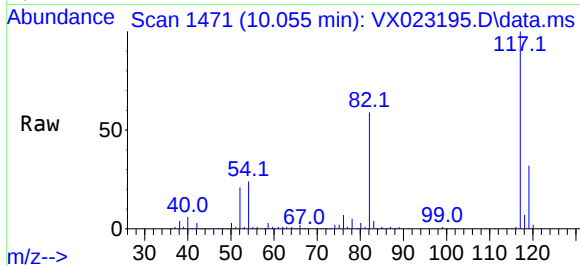




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023195.D
Acq: 08 Jul 2021 13:31

Instrument :
MSVOA_X
ClientSampleId :
EB-01-070621

Tgt Ion:117 Resp: 323246
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.3 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: VX023195.D
Acq: 08 Jul 2021 13:31

Tgt Ion:152 Resp: 133201
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 156.5 0.0 349.0

