

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023995.D
 Acq On : 27 Aug 2021 16:20
 Operator : JC/MD
 Sample : M3561-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VE1-2

Quant Time: Aug 28 04:57:54 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)

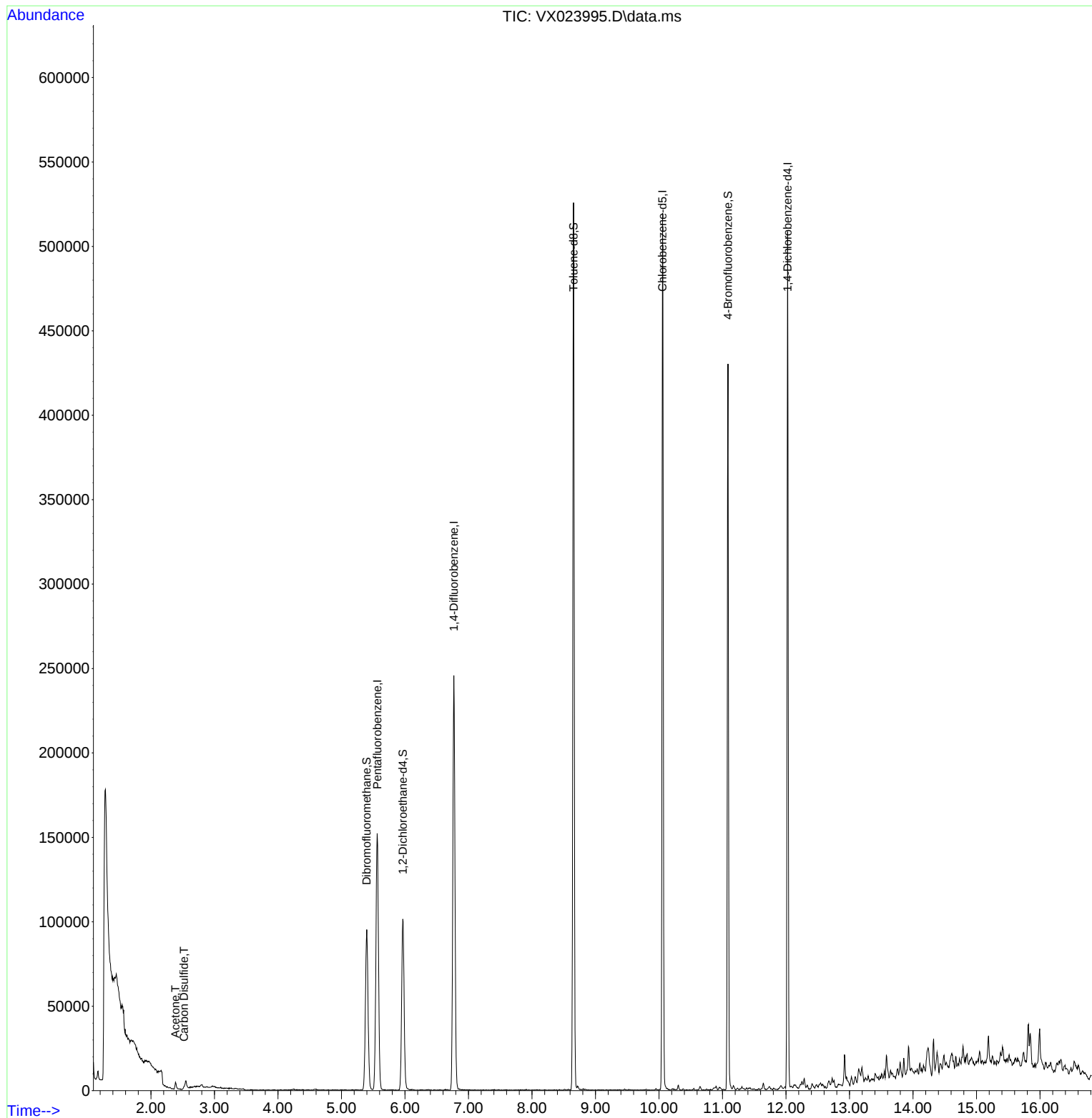
Internal Standards						
1) Pentafluorobenzene	5.562	168	139255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101945	52.453	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.900%
35) Dibromofluoromethane	5.398	113	79981	50.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.440%
50) Toluene-d8	8.653	98	292912	48.804	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.086	95	106460	48.185	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.360%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	4184	4.815	ug/l	90
17) Carbon Disulfide	2.520	76	2794	0.877	ug/l #	94

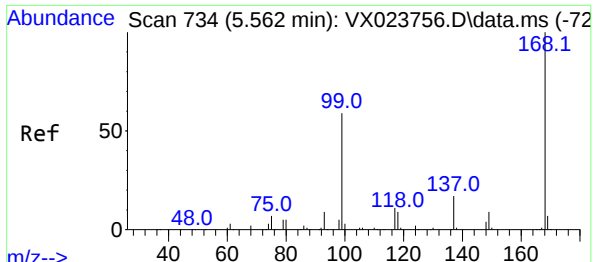
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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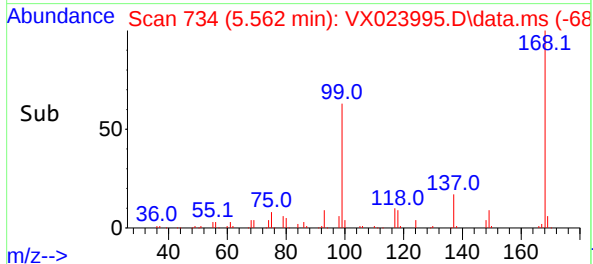
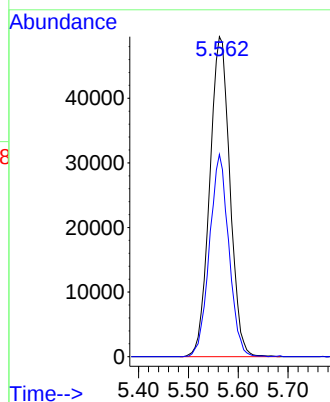
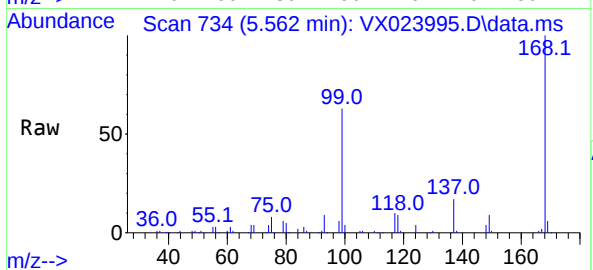




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

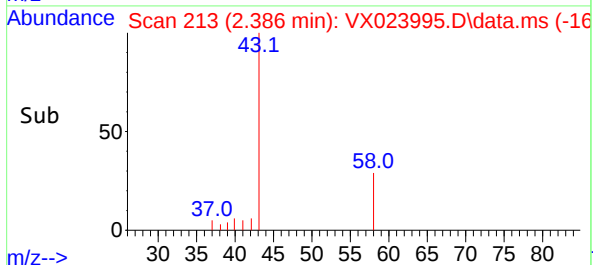
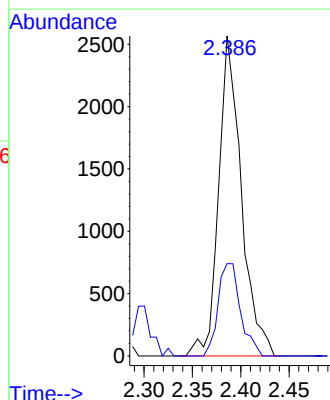
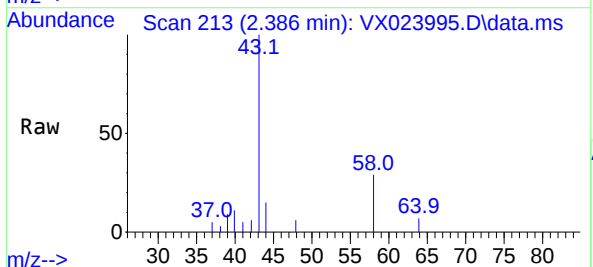
Instrument :
MSVOA_X
ClientSampled :
VE1-2

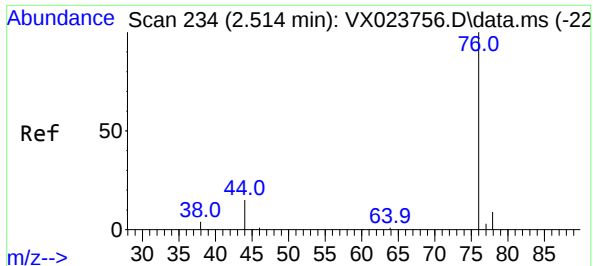
Tgt Ion:168 Resp: 139255
Ion Ratio Lower Upper
168 100
99 63.2 45.8 68.6



#16
Acetone
Concen: 4.815 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion: 43 Resp: 4184
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8

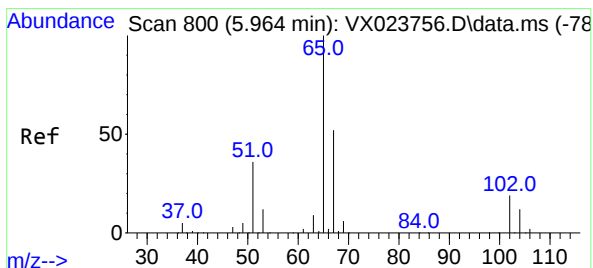
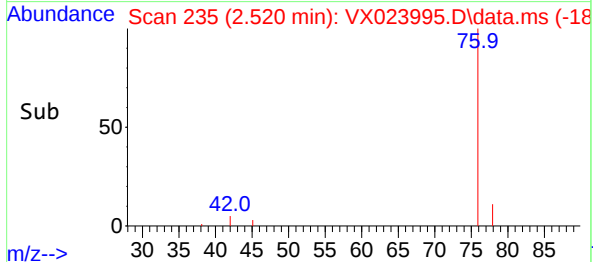
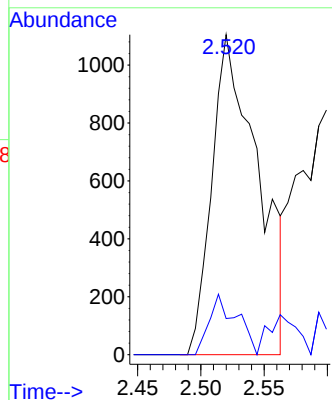
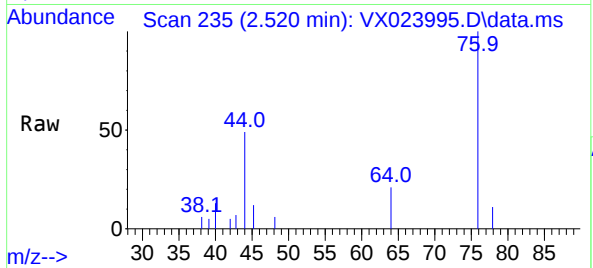




#17
Carbon Disulfide
Concen: 0.877 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

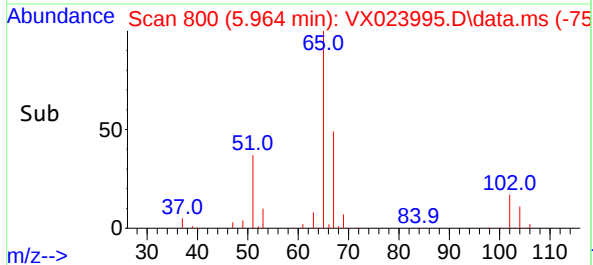
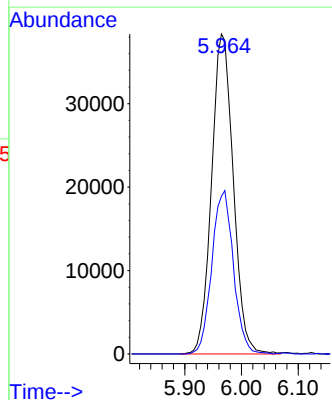
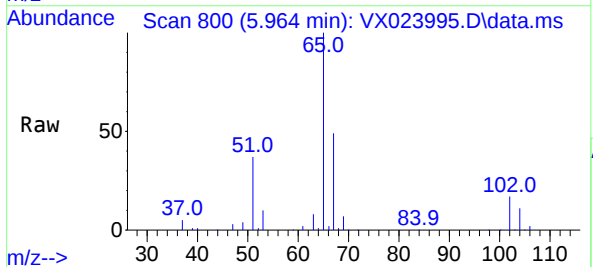
Instrument :
MSVOA_X
ClientSampled :
VE1-2

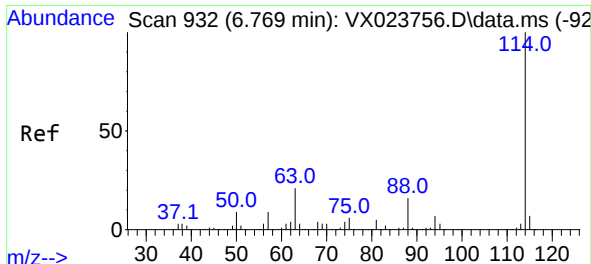
Tgt Ion: 76 Resp: 2794
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#



#33
1,2-Dichloroethane-d4
Concen: 52.453 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion: 65 Resp: 101945
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

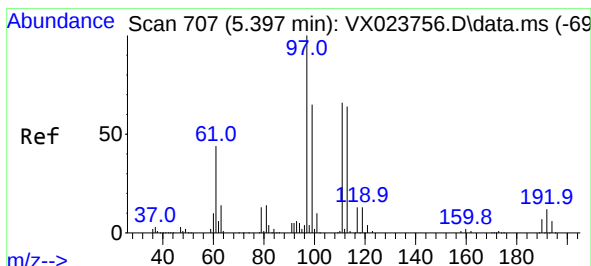
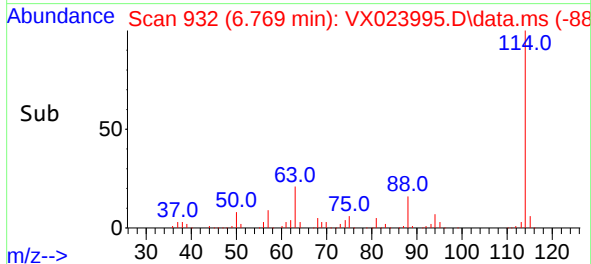
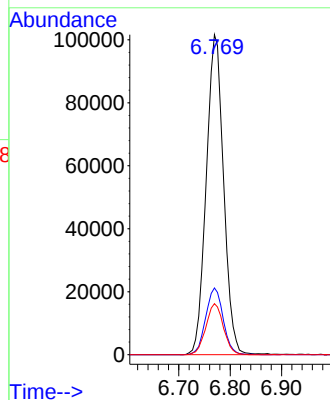
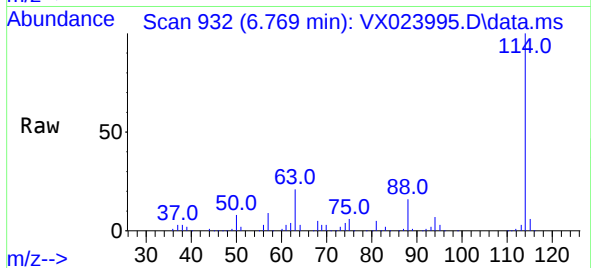




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

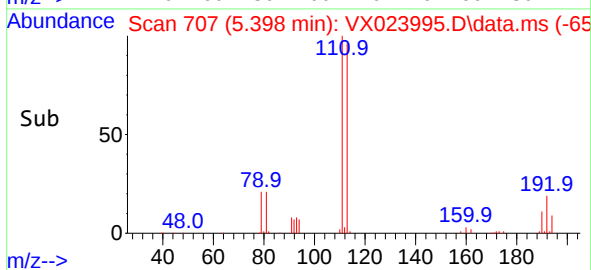
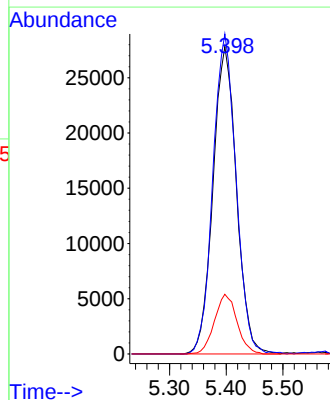
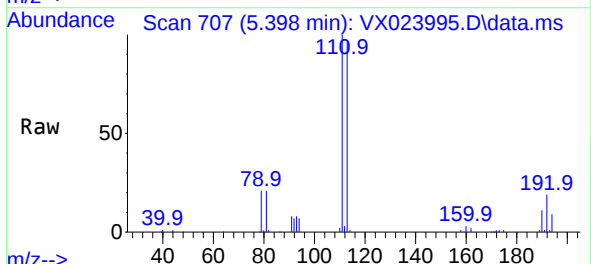
Instrument :
MSVOA_X
ClientSampleId :
VE1-2

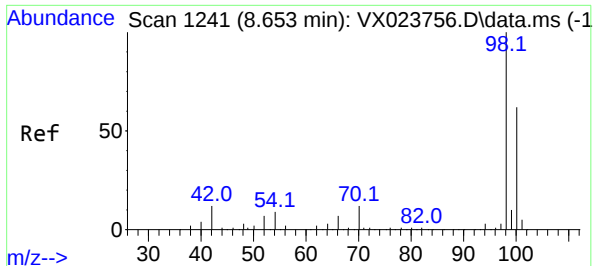
Tgt Ion:114 Resp: 238248
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.720 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion:113 Resp: 79981
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 18.7 16.7 25.1

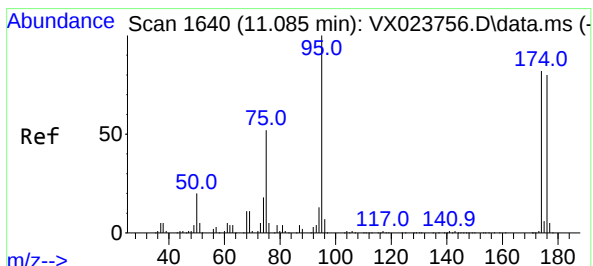
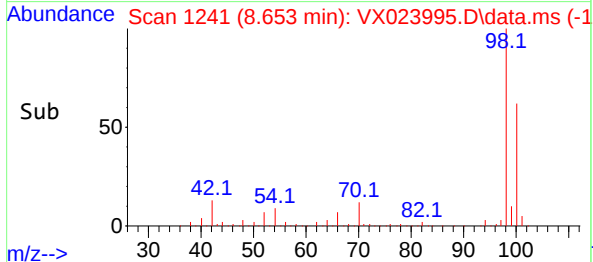
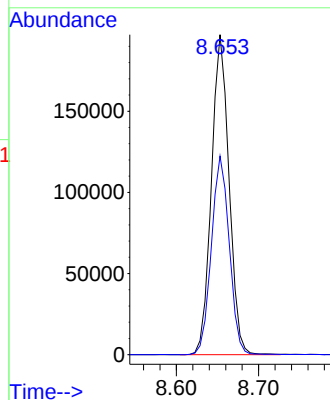
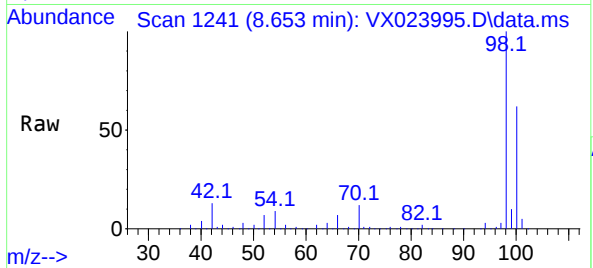




#50
Toluene-d8
Concen: 48.804 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

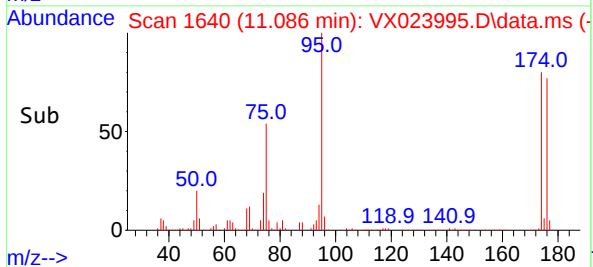
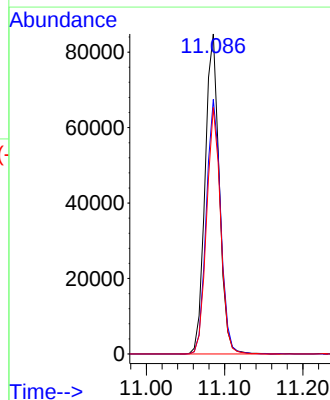
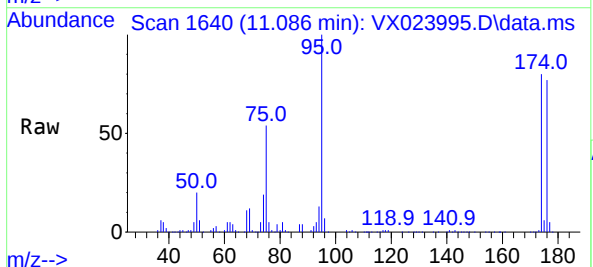
Instrument :
MSVOA_X
ClientSampled :
VE1-2

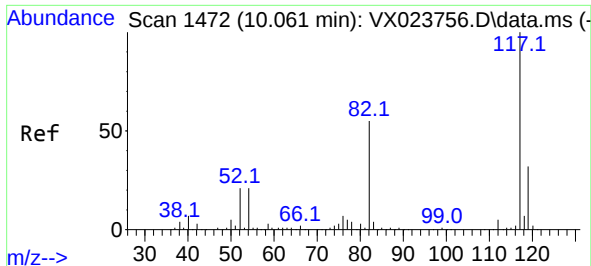
Tgt Ion: 98 Resp: 292912
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.185 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion: 95 Resp: 106460
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 75.6 0.0 155.8



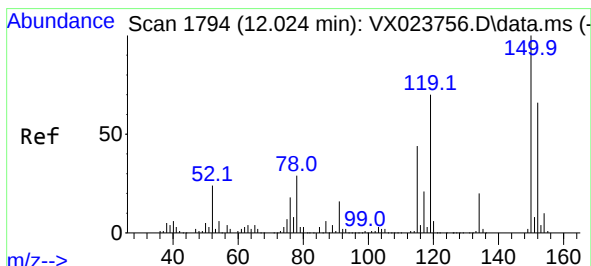
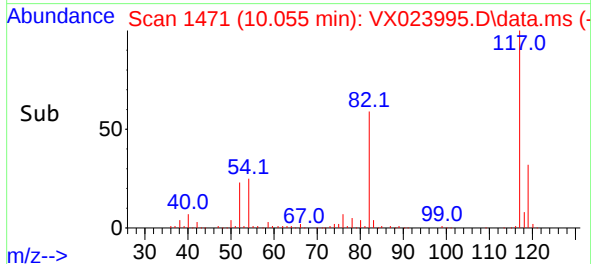
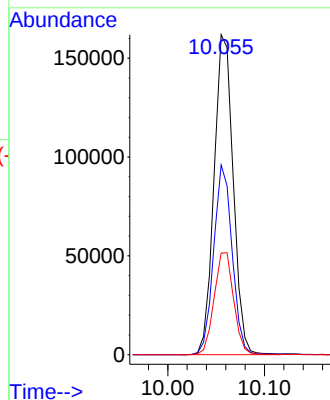
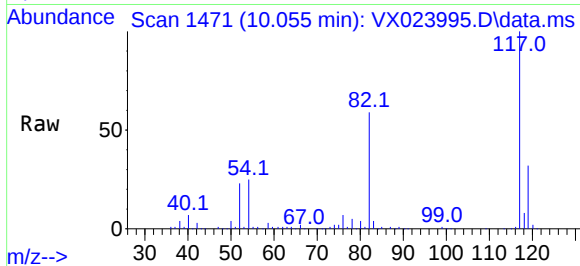


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Instrument :
MSVOA_X
ClientSampleId :
VE1-2

Tgt Ion:117 Resp: 223076

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.4	71.2
119	31.7	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: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion:152 Resp: 99793

Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.1	123.3
150	155.6	0.0	349.0

