

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023858.D
 Acq On : 19 Aug 2021 23:17
 Operator : JC/MD
 Sample : M3484-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 O22-OUTFALL

Quant Time: Aug 20 03:17:07 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)

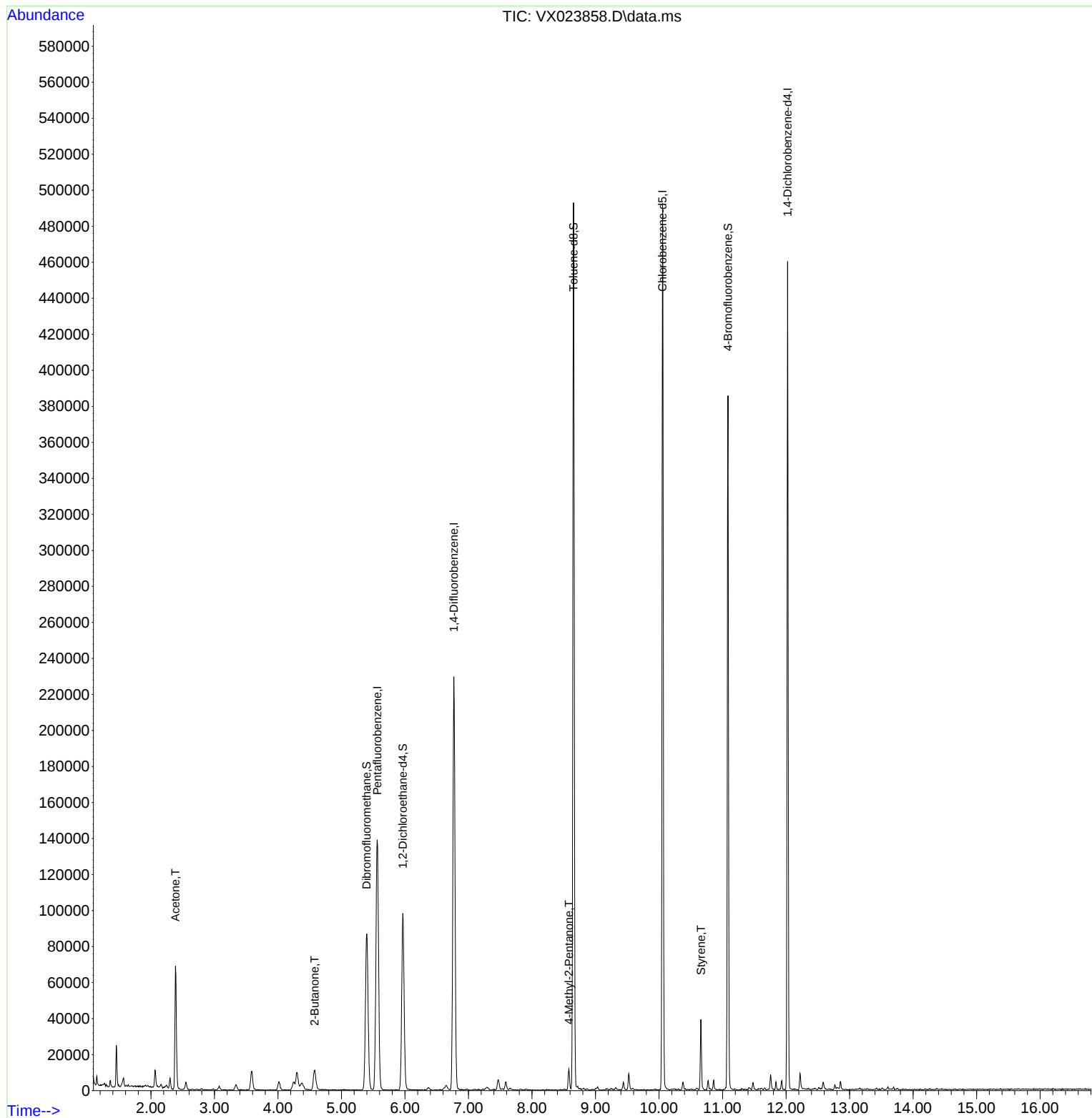
Internal Standards						
1) Pentafluorobenzene	5.562	168	132408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95402	51.625	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	103.240%	
35) Dibromofluoromethane	5.397	113	74619	50.485	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.960%	
50) Toluene-d8	8.653	98	279864	49.749	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.500%	
62) 4-Bromofluorobenzene	11.085	95	96253	46.478	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	92.960%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	70623	85.470	ug/l	90
25) 2-Butanone	4.574	43	20770	16.596	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	7288	2.835	ug/l #	85
70) Styrene	10.659	104	14311	3.007	ug/l	92

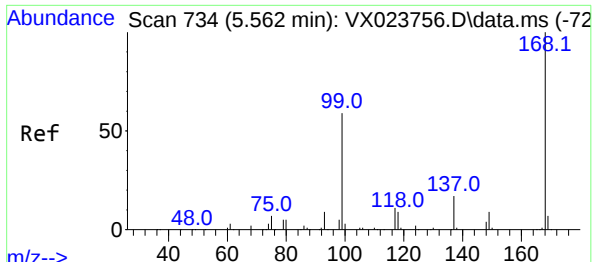
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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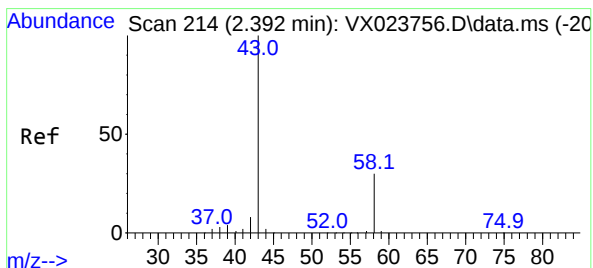
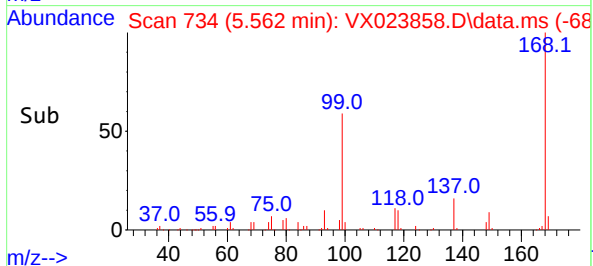
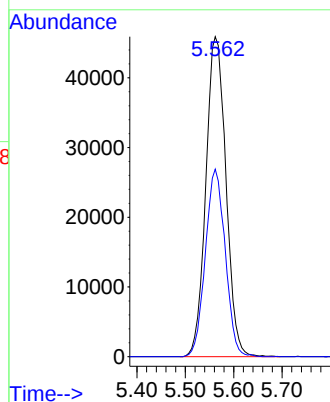
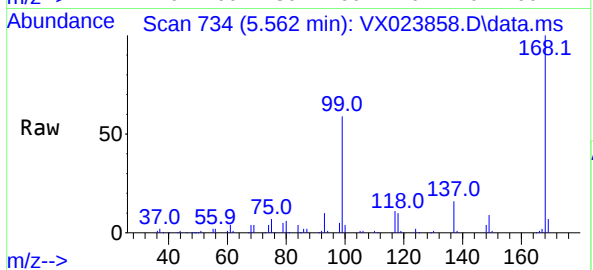




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023858.D
Acq: 19 Aug 2021 23:17

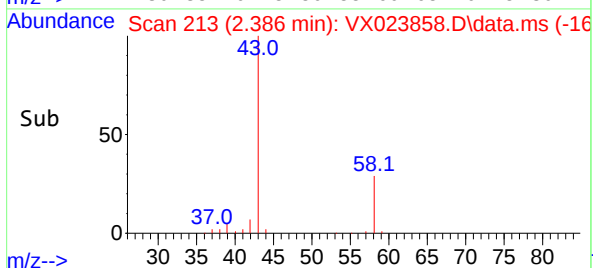
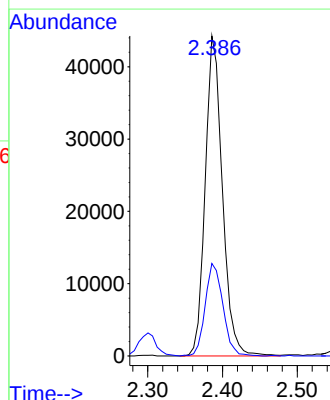
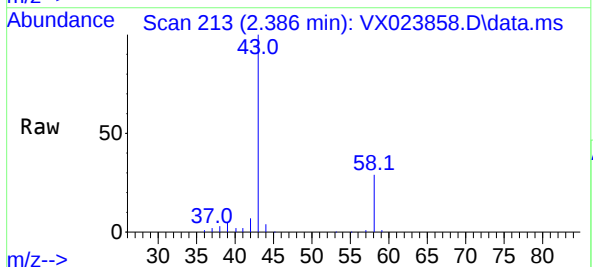
Instrument :
MSVOA_X
ClientSampleId :
O22-OUTFALL

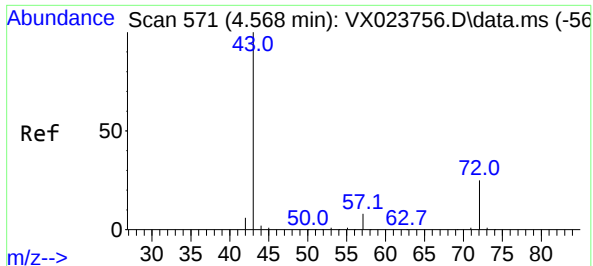
Tgt Ion:168 Resp: 132408
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#16
Acetone
Concen: 85.470 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023858.D
Acq: 19 Aug 2021 23:17

Tgt Ion: 43 Resp: 70623
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8

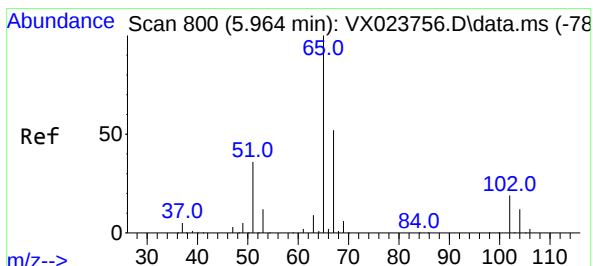
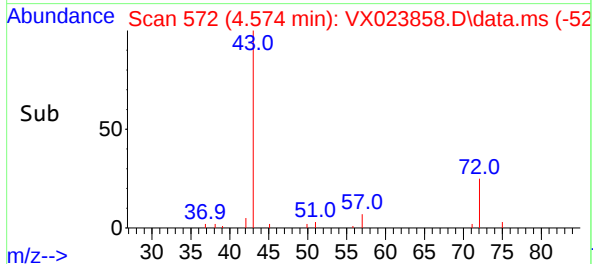
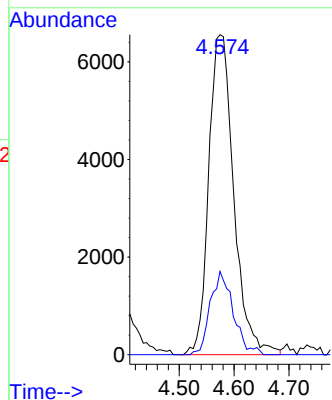
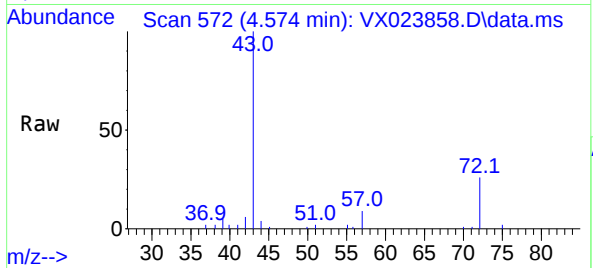




#25
2-Butanone
Concen: 16.596 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023858.D
Acq: 19 Aug 2021 23:17

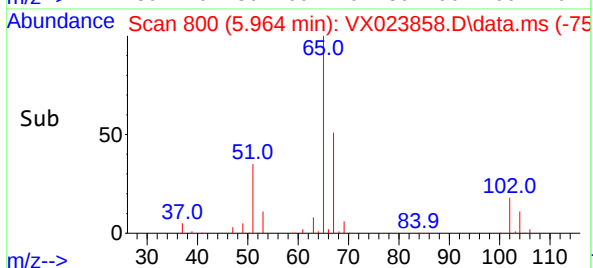
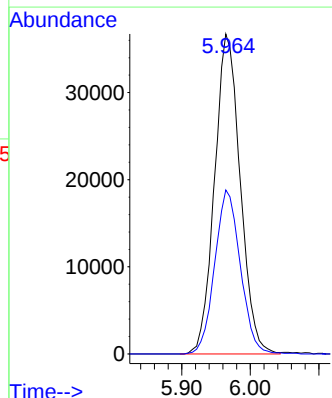
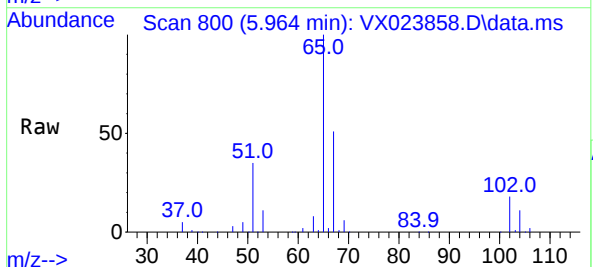
Instrument :
MSVOA_X
ClientSampleId :
O22-OUTFALL

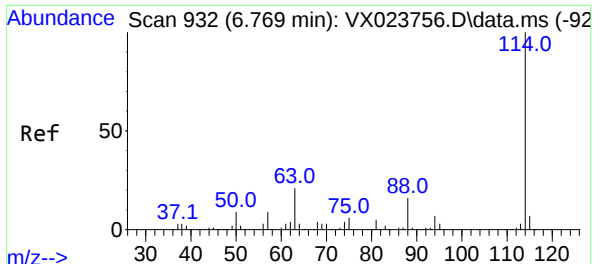
Tgt Ion: 43 Resp: 20770
Ion Ratio Lower Upper
43 100
72 26.0 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 51.625 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023858.D
Acq: 19 Aug 2021 23:17

Tgt Ion: 65 Resp: 95402
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

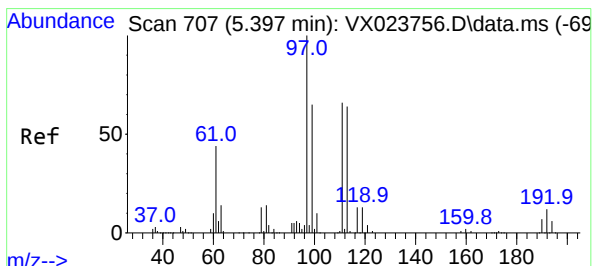
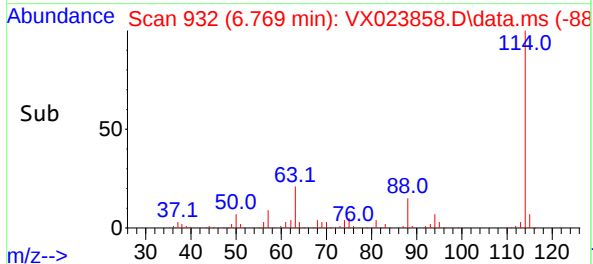
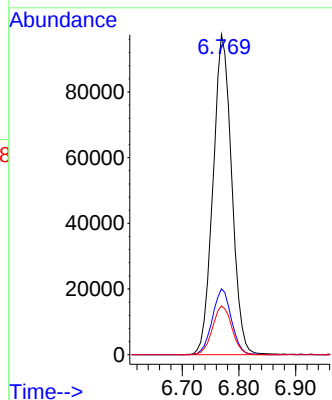
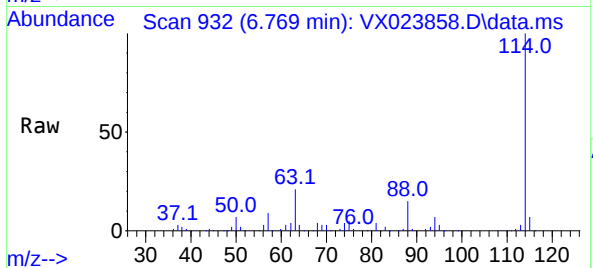




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023858.D
Acq: 19 Aug 2021 23:17

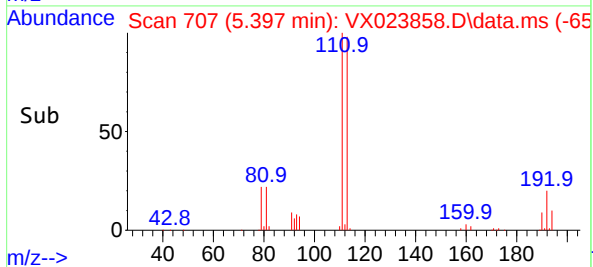
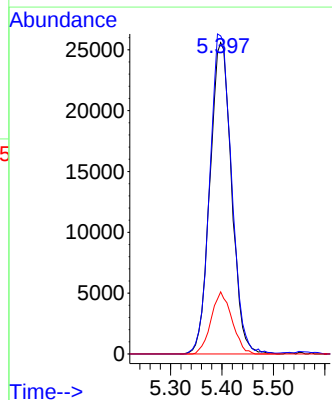
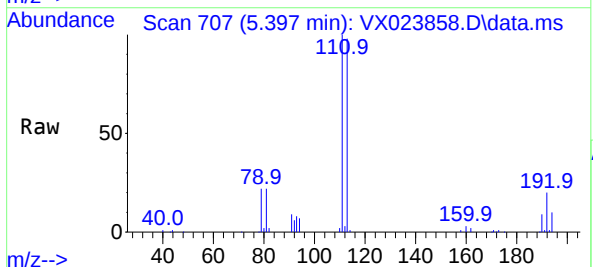
Instrument :
MSVOA_X
ClientSampleId :
O22-OUTFALL

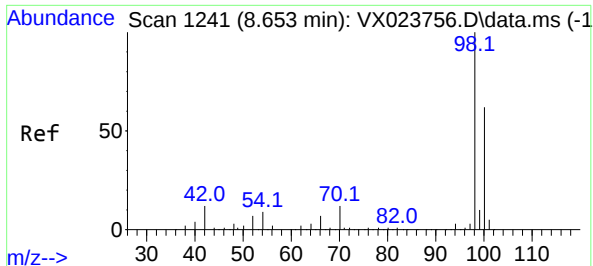
Tgt Ion:114 Resp: 223313
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.485 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023858.D
Acq: 19 Aug 2021 23:17

Tgt Ion:113 Resp: 74619
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 19.3 16.7 25.1





#50

Toluene-d8

Concen: 49.749 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023858.D

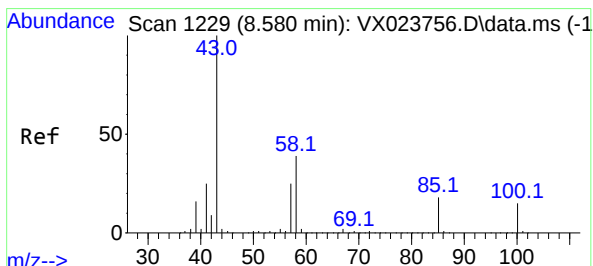
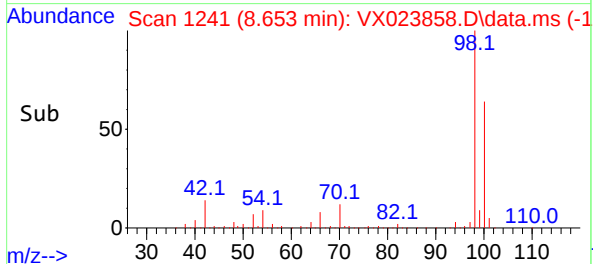
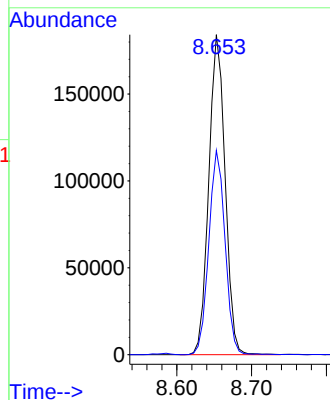
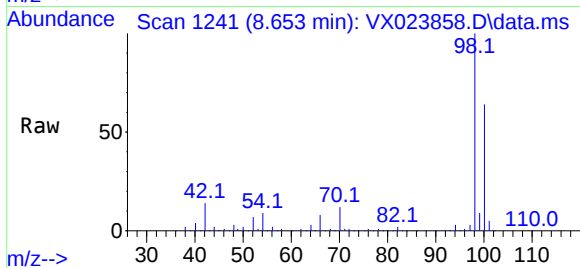
Acq: 19 Aug 2021 23:17

Tgt Ion: 98 Resp: 279864

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 2.835 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX023858.D

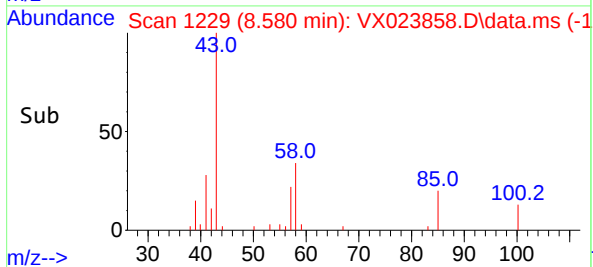
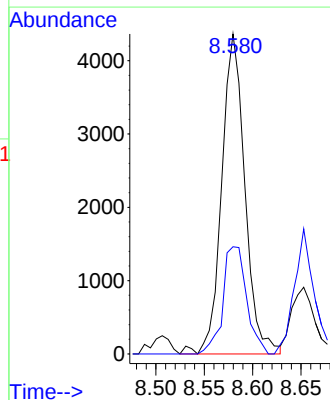
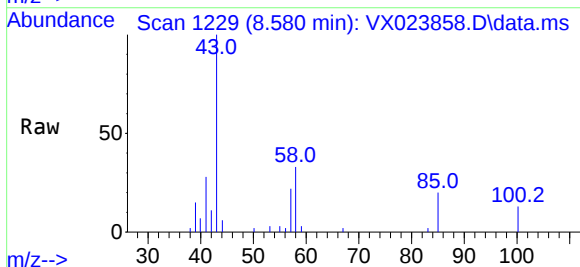
Acq: 19 Aug 2021 23:17

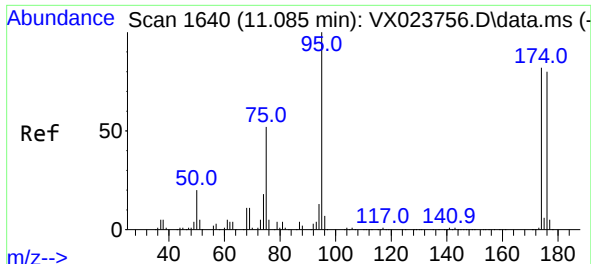
Tgt Ion: 43 Resp: 7288

Ion Ratio Lower Upper

43 100

58 34.3 35.4 53.0#

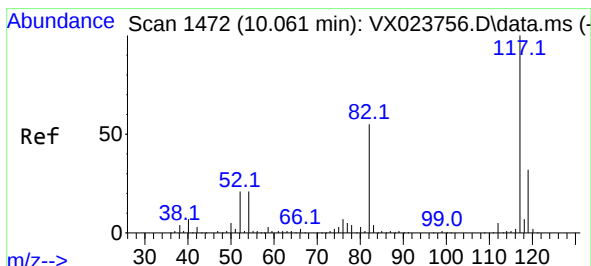
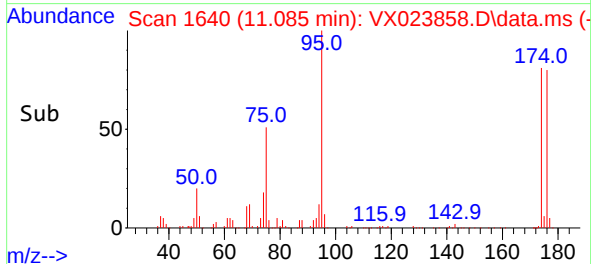
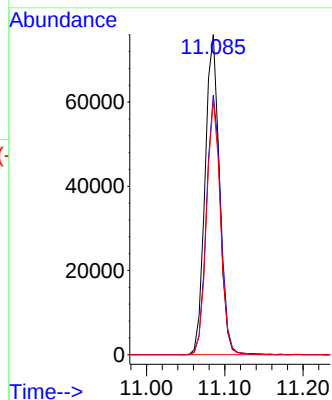
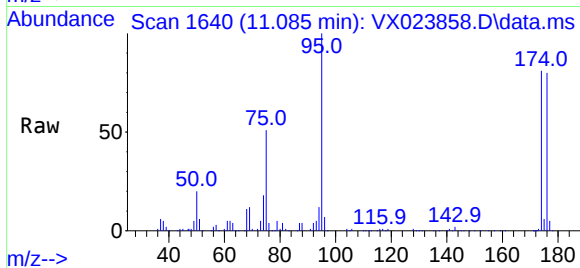




#62
4-Bromofluorobenzene
Concen: 46.478 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023858.D
Acq: 19 Aug 2021 23:17

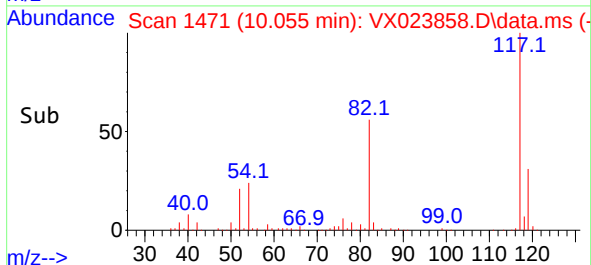
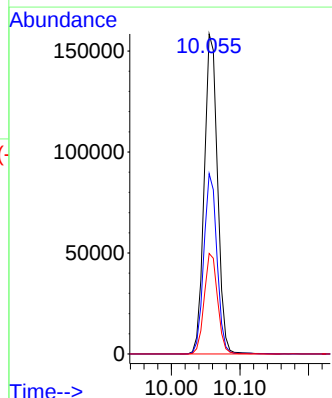
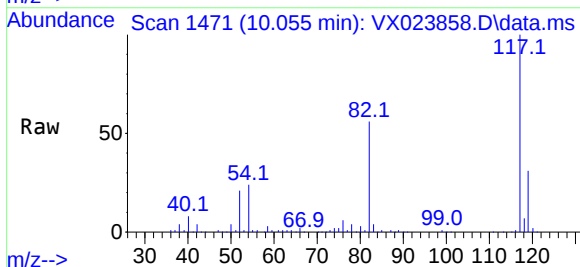
Instrument :
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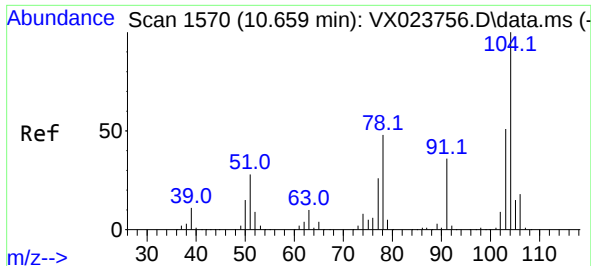
Tgt Ion: 95 Resp: 96253
Ion Ratio Lower Upper
95 100
174 81.5 0.0 154.6
176 77.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023858.D
Acq: 19 Aug 2021 23:17

Tgt Ion: 117 Resp: 214200
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.4 26.6 39.8

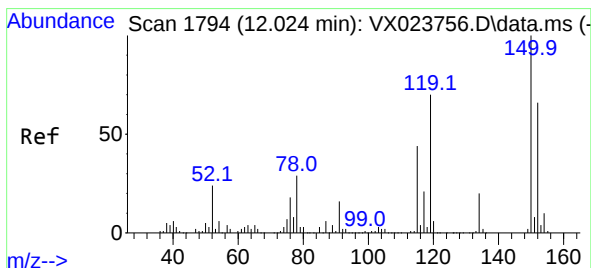
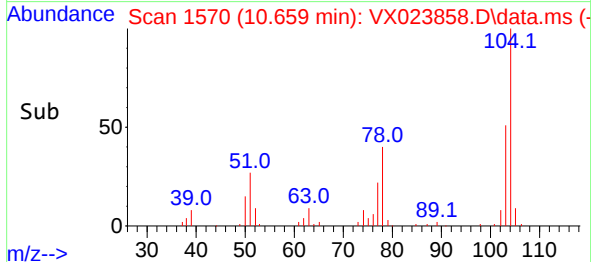
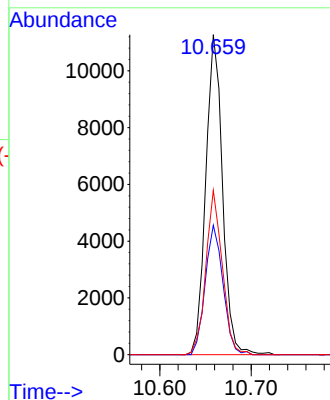
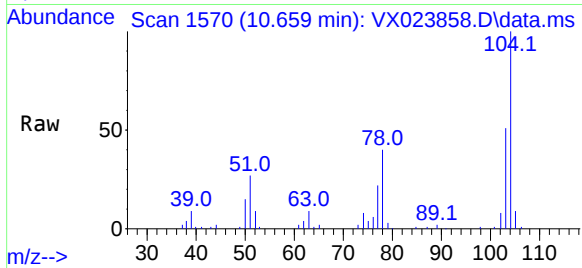




#70
Styrene
Concen: 3.007 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX023858.D
Acq: 19 Aug 2021 23:17

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:	104	Resp:	14311
Ion Ratio	Lower	Upper	
104	100		
78	43.0	40.0	60.0
103	50.5	43.4	65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023858.D
Acq: 19 Aug 2021 23:17

Tgt Ion:	152	Resp:	89828
Ion Ratio	Lower	Upper	
152	100		
115	58.4	41.1	123.3
150	153.1	0.0	349.0

