

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023341.D
 Acq On : 19 Jul 2021 14:55
 Operator : JC/MD
 Sample : PB137749ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#05

Quant Time: Jul 20 05:25:17 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)

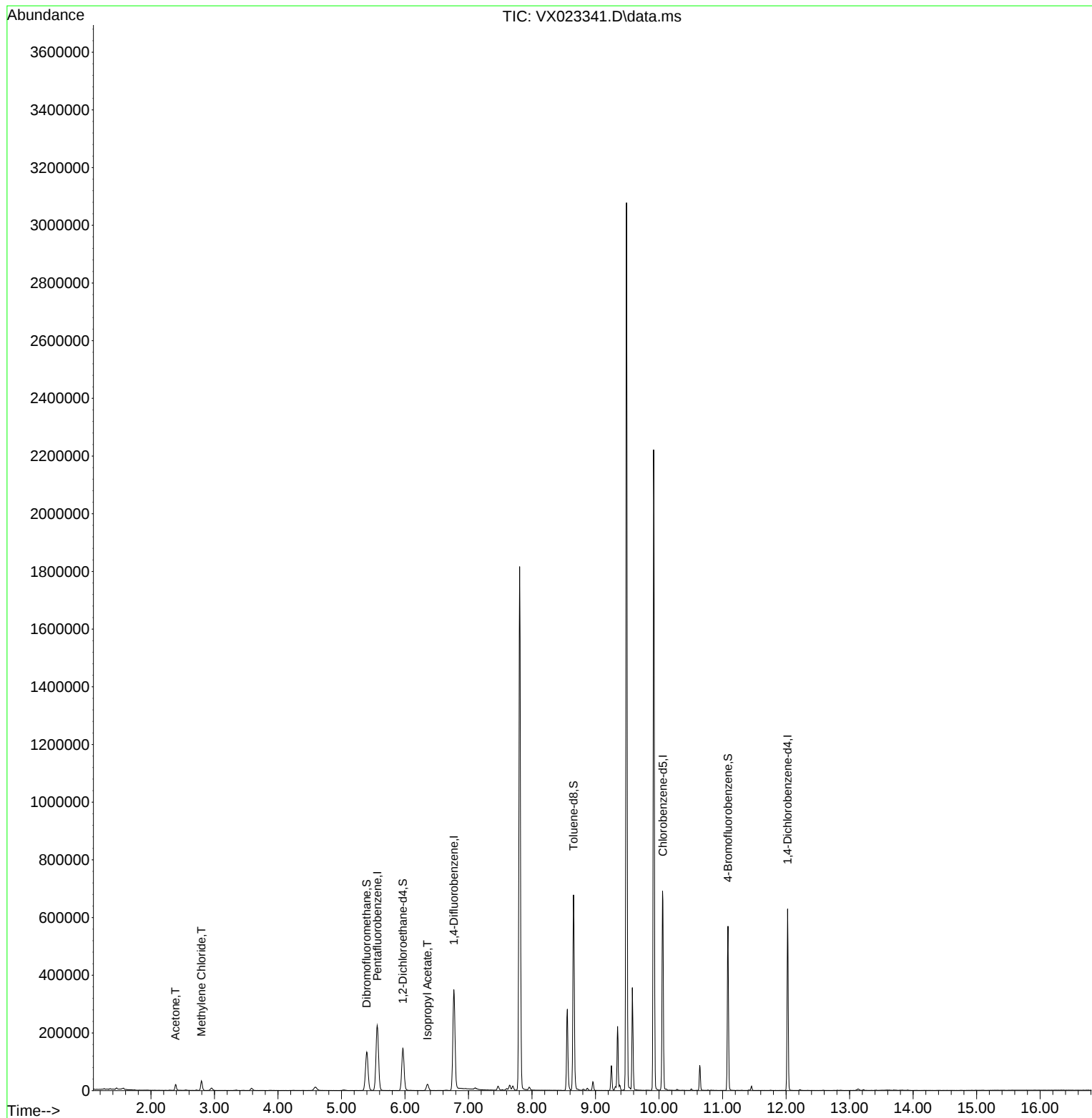
Internal Standards						
1) Pentafluorobenzene	5.562	168	212012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	348035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	311923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	149808	52.575	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.140%	
35) Dibromofluoromethane	5.397	113	114919	51.133	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.260%	
50) Toluene-d8	8.653	98	412686	49.226	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.460%	
62) 4-Bromofluorobenzene	11.085	95	148147	45.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.540%	
Target Compounds						Qvalue
16) Acetone	2.386	43	21811	19.348	ug/l	90
20) Methylene Chloride	2.794	84	15227	6.274	ug/l	94
43) Isopropyl Acetate	6.355	43	30042	5.336	ug/l	93

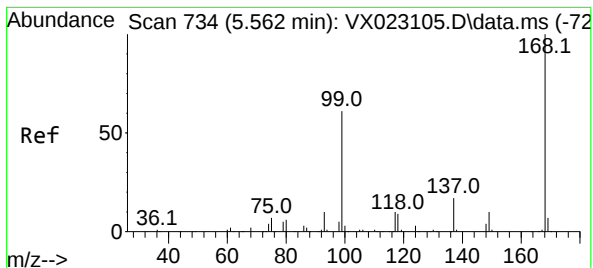
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.000 min

Lab File: VX023341.D

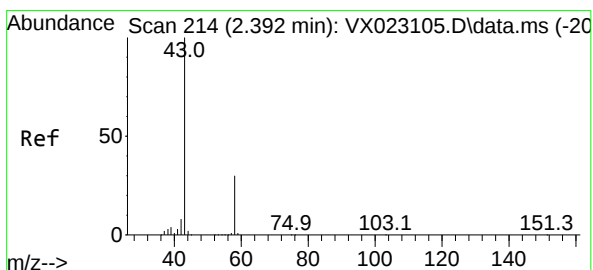
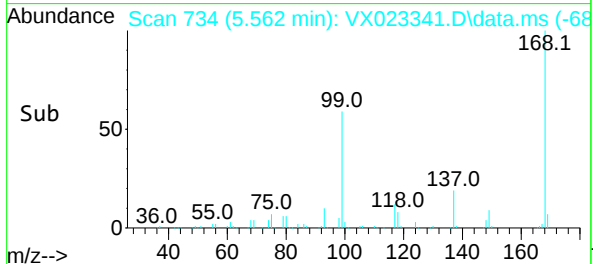
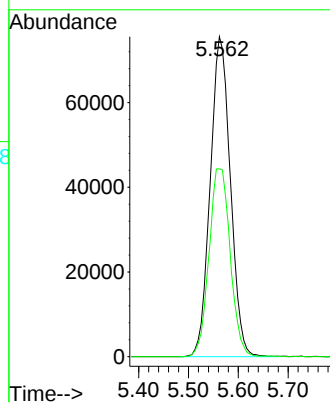
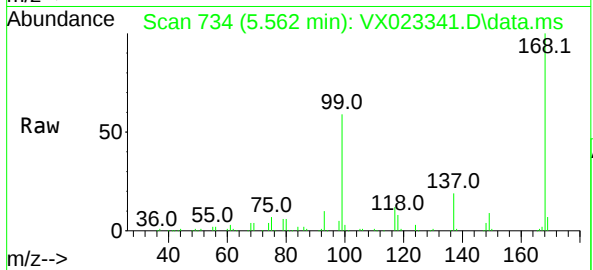
Acq: 19 Jul 2021 14:55

Tgt Ion:168 Resp: 212012

Ion Ratio Lower Upper

168 100

99 58.7 45.8 68.6



#16

Acetone

Concen: 19.348 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX023341.D

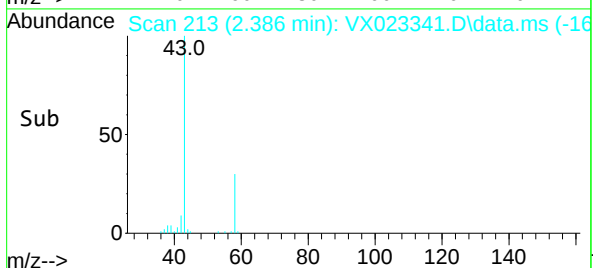
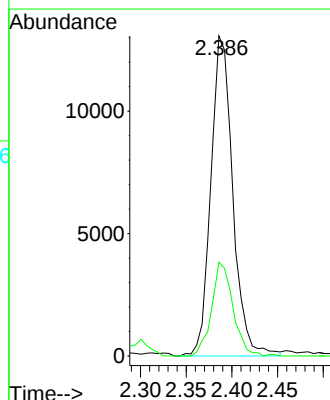
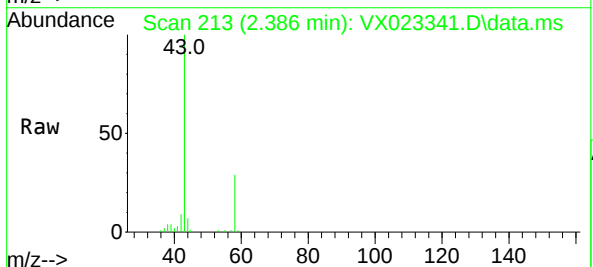
Acq: 19 Jul 2021 14:55

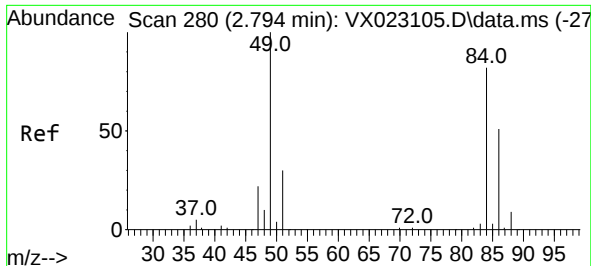
Tgt Ion: 43 Resp: 21811

Ion Ratio Lower Upper

43 100

58 29.3 27.8 41.8





#20

Methylene Chloride

Concen: 6.274 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023341.D

Acq: 19 Jul 2021 14:55

Tgt Ion: 84 Resp: 15227

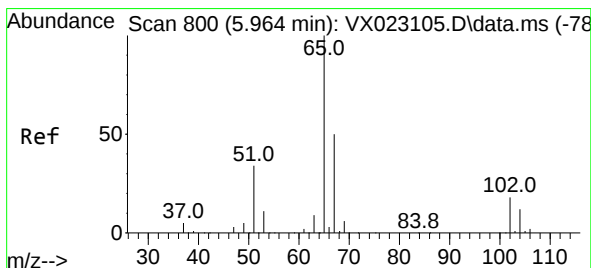
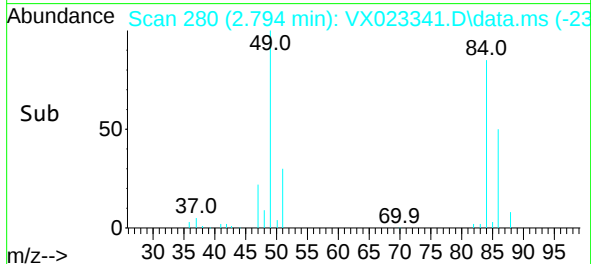
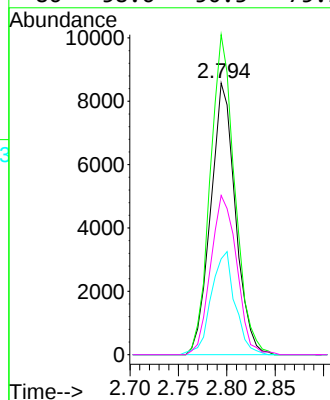
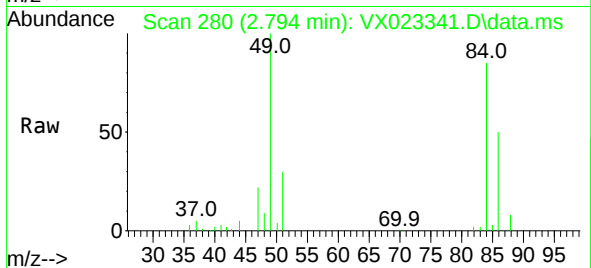
Ion Ratio Lower Upper

84 100

49 117.8 88.6 132.8

51 35.3 27.0 40.6

86 58.6 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 52.575 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023341.D

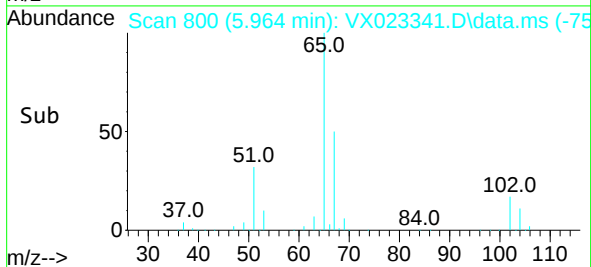
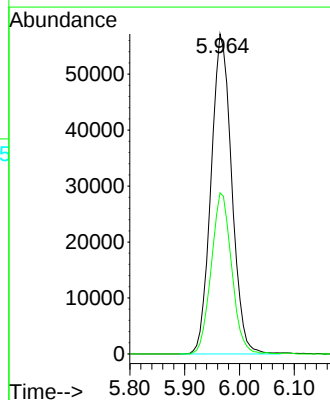
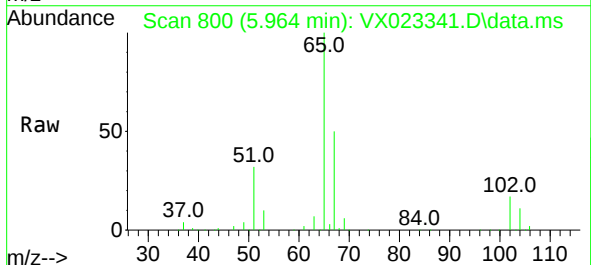
Acq: 19 Jul 2021 14:55

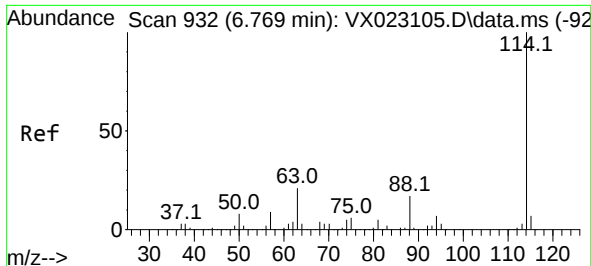
Tgt Ion: 65 Resp: 149808

Ion Ratio Lower Upper

65 100

67 49.7 0.0 105.4

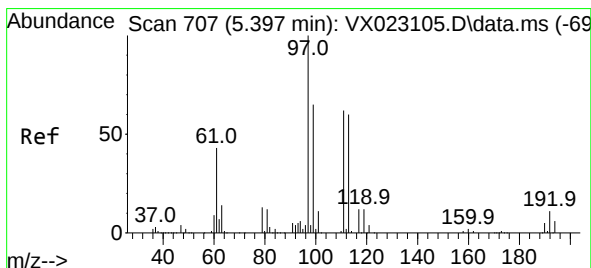
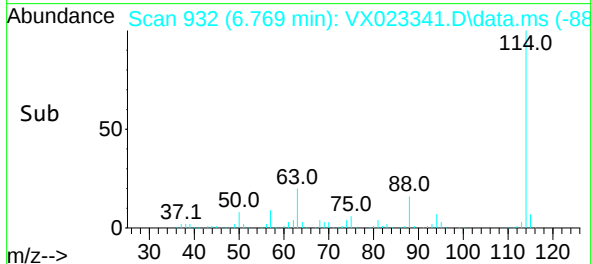
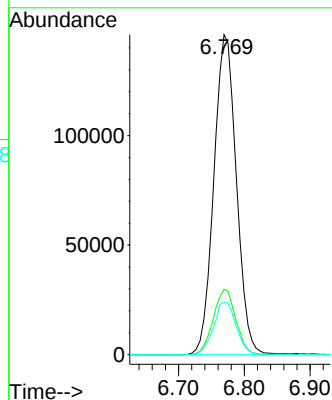
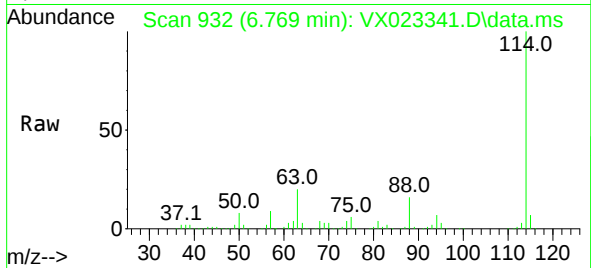




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

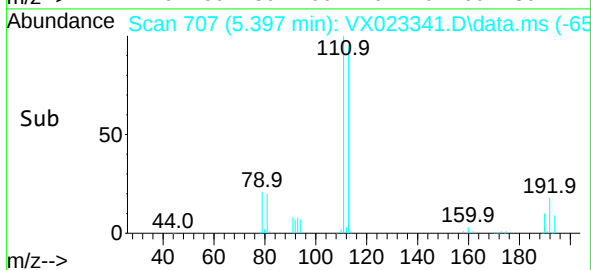
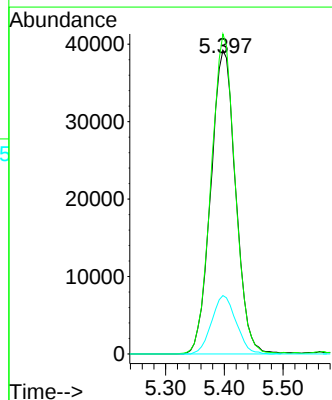
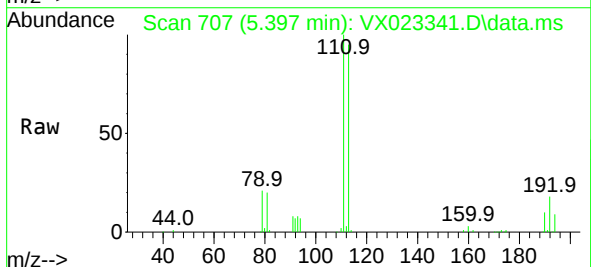
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

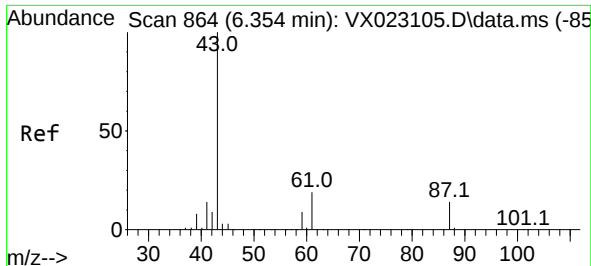
Tgt Ion:114 Resp: 348035
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.133 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion:113 Resp: 114919
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 18.9 16.7 25.1

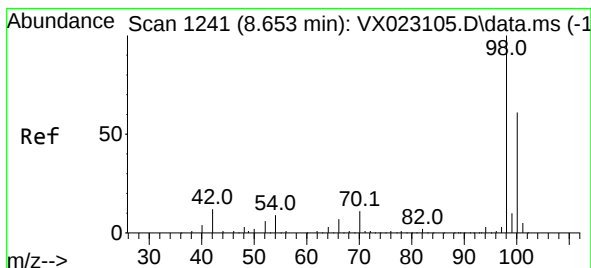
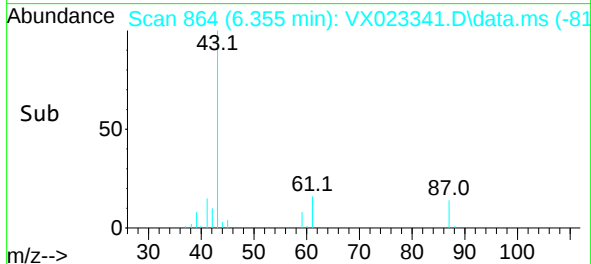
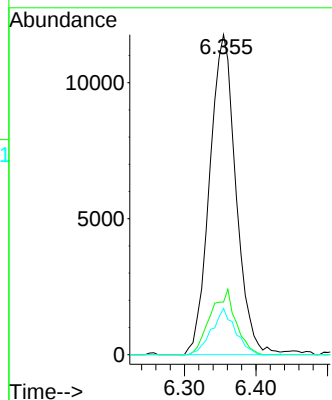
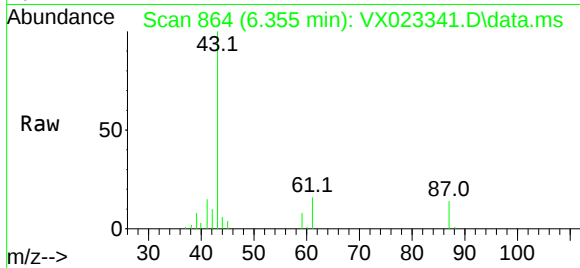




#43
Isopropyl Acetate
Concen: 5.336 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

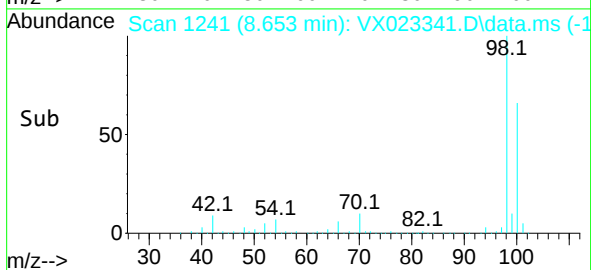
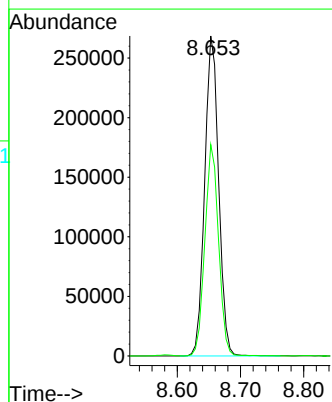
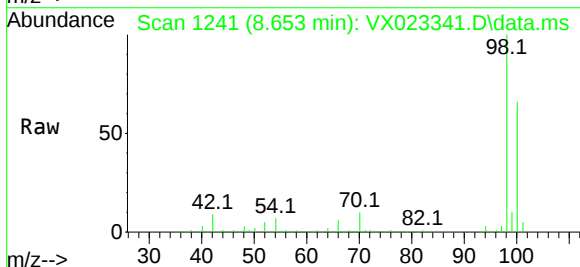
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

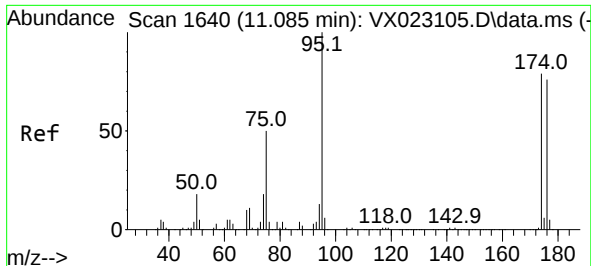
Tgt Ion: 43 Resp: 30042
Ion Ratio Lower Upper
43 100
61 19.6 18.2 27.4
87 12.9 12.5 18.7



#50
Toluene-d8
Concen: 49.226 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 98 Resp: 412686
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

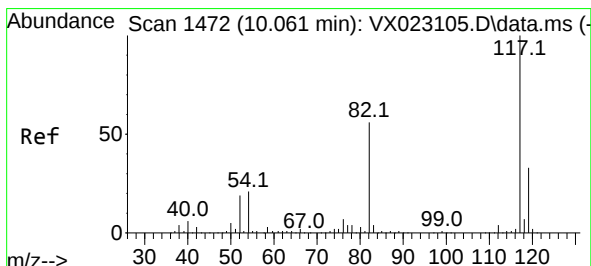
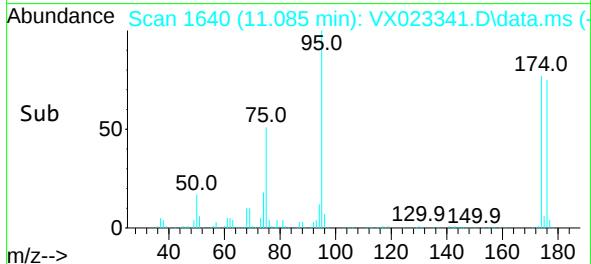
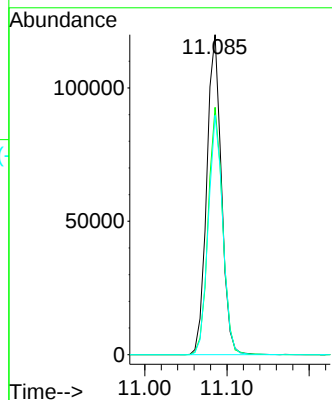
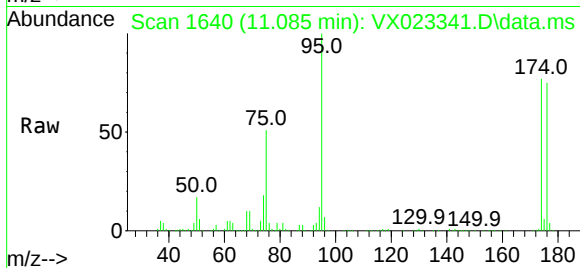




#62
4-Bromofluorobenzene
Concen: 45.773 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

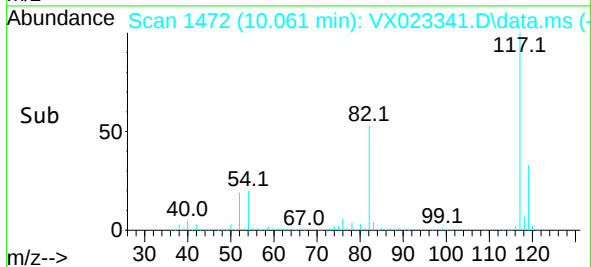
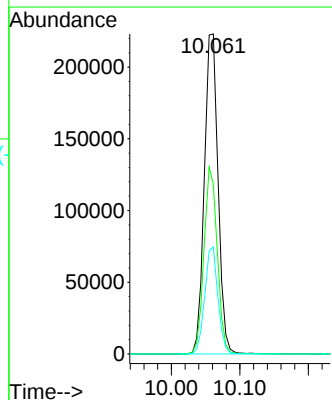
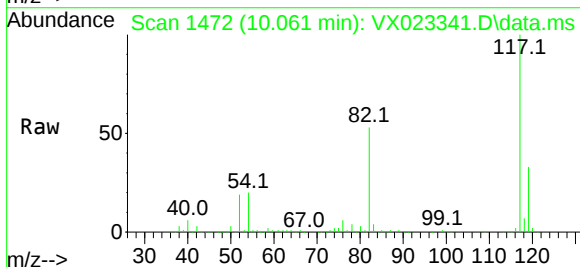
Instrument :
MSVOA_X
ClientSampleId :
PB137749ZHE#05

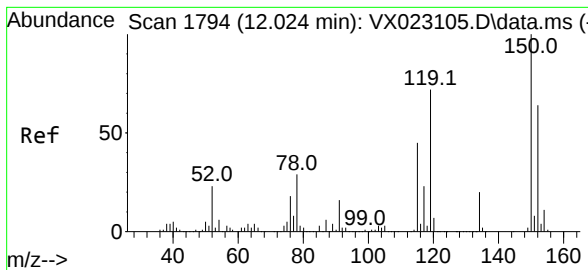
Tgt Ion: 95 Resp: 148147
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 74.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023341.D
Acq: 19 Jul 2021 14:55

Tgt Ion: 117 Resp: 311923
Ion Ratio Lower Upper
117 100
82 53.1 47.4 71.2
119 33.5 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: VX023341.D
 Acq: 19 Jul 2021 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137749ZHE#05

Tgt Ion:152 Resp: 125526
 Ion Ratio Lower Upper
 152 100
 115 60.8 41.1 123.3
 150 154.6 0.0 349.0

