

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023090.D
 Acq On : 01 Jul 2021 17:14
 Operator : JC/MD
 Sample : PB137454ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB137454ZHE#01

Quant Time: Jul 02 04:31:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

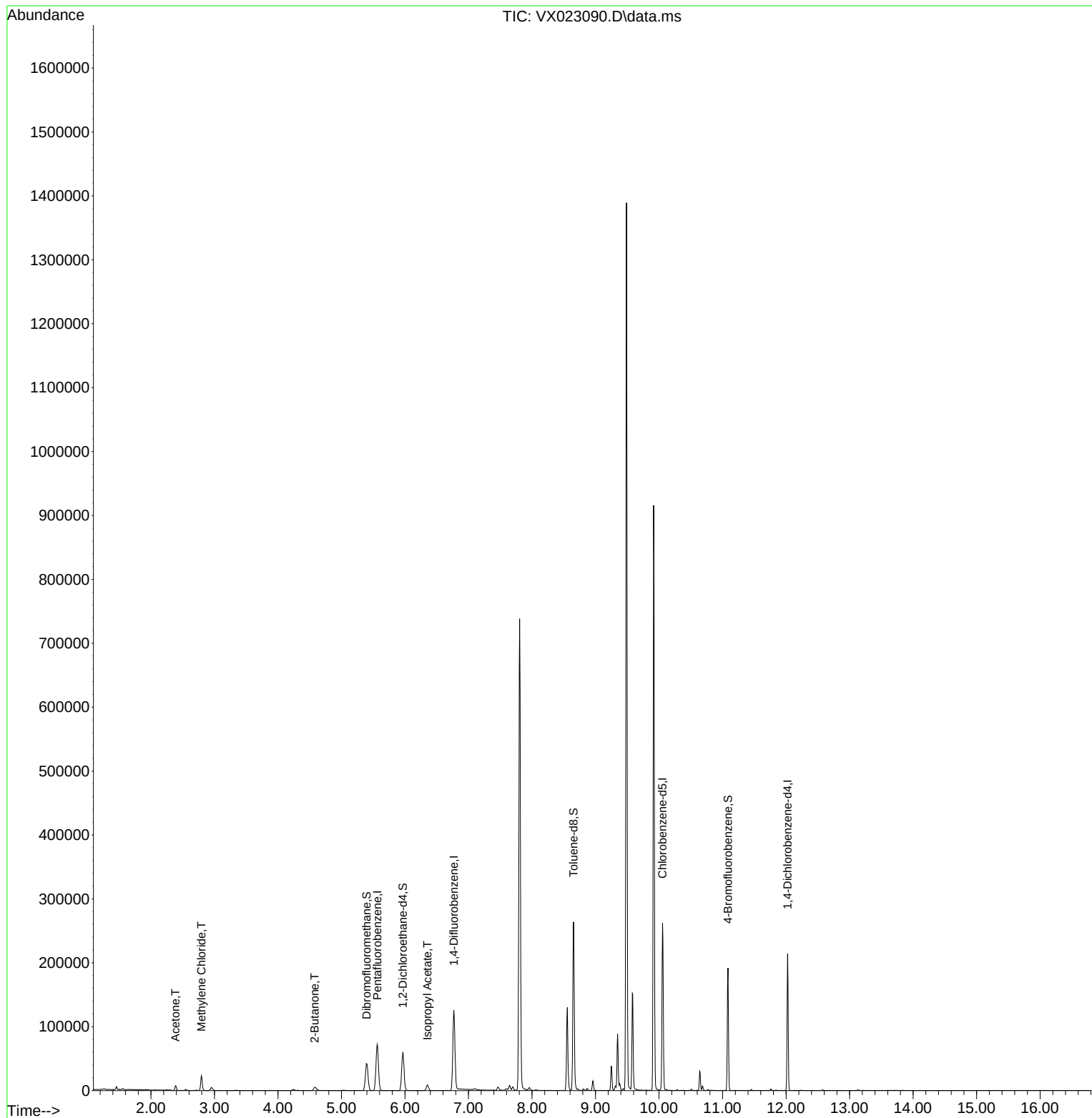
Internal Standards						
1) Pentafluorobenzene	5.562	168	53146	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	108404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59240	61.421	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	122.840%	#
35) Dibromofluoromethane	5.397	113	35637	51.769	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.540%	
50) Toluene-d8	8.653	98	139652	51.763	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	103.520%	
62) 4-Bromofluorobenzene	11.085	95	49946	49.604	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.200%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	8167	19.100	ug/l	# 86
20) Methylene Chloride	2.794	84	8506	10.328	ug/l	# 71
25) 2-Butanone	4.574	43	4518	6.795	ug/l	96
43) Isopropyl Acetate	6.355	43	12022	5.606	ug/l	# 89

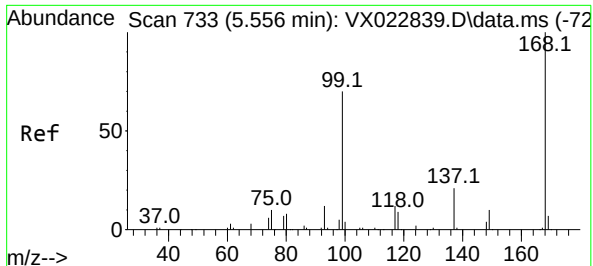
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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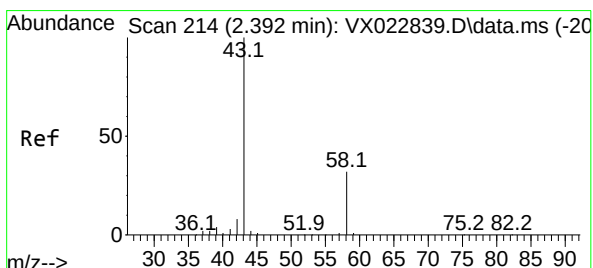
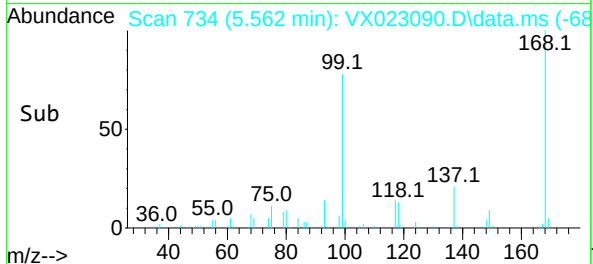
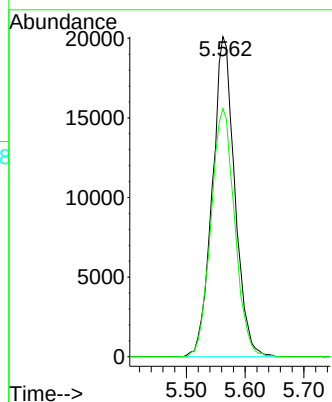
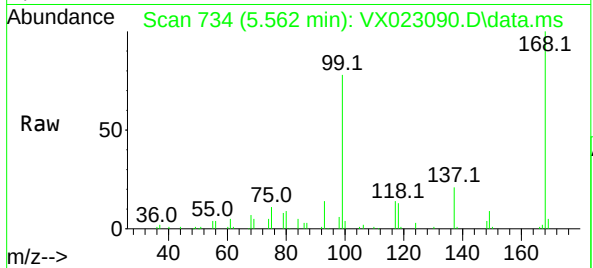




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

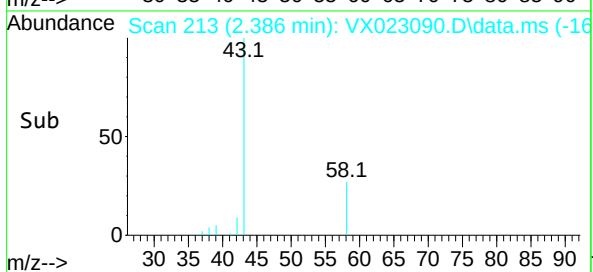
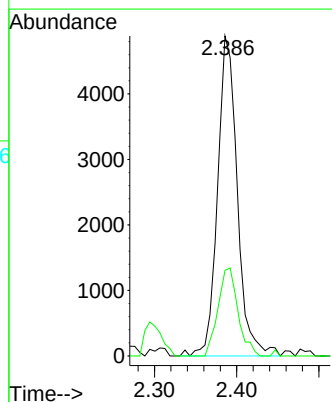
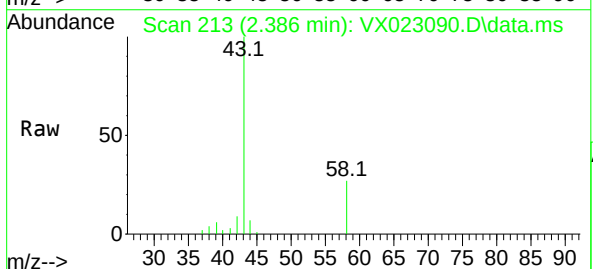
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

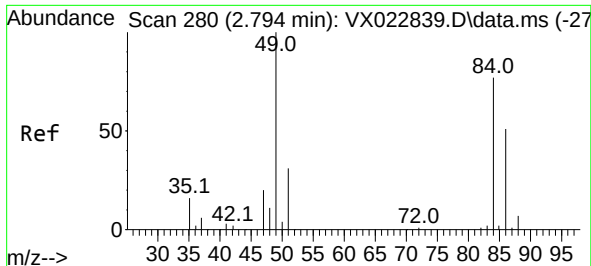
Tgt Ion:168 Resp: 53146
Ion Ratio Lower Upper
168 100
99 77.6 45.8 68.6#



#16
Acetone
Concen: 19.100 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 43 Resp: 8167
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#





#20

Methylene Chloride

Concen: 10.328 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023090.D

Acq: 01 Jul 2021 17:14

Instrument :

MSVOA_X

ClientSampleId :

PB137454ZHE#01

Tgt Ion: 84 Resp: 8506

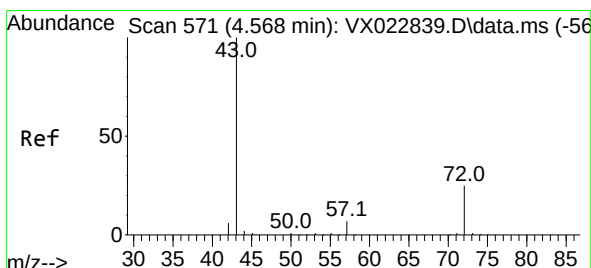
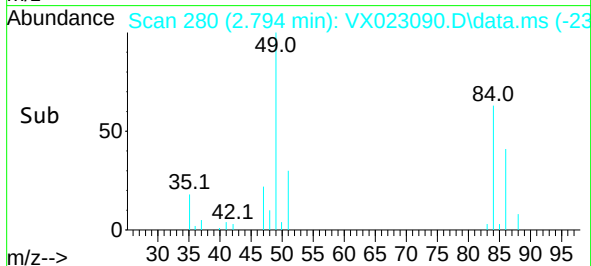
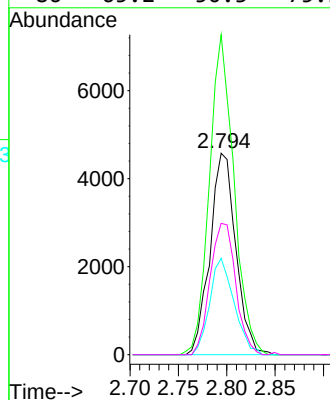
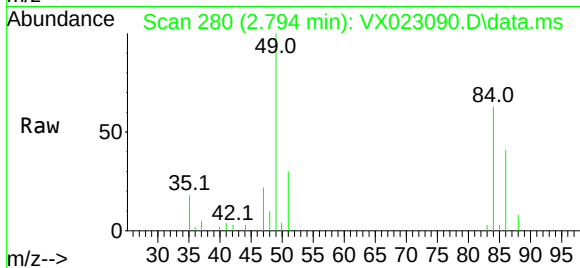
Ion Ratio Lower Upper

84 100

49 158.8 88.6 132.8#

51 47.8 27.0 40.6#

86 65.2 50.3 75.5



#25

2-Butanone

Concen: 6.795 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX023090.D

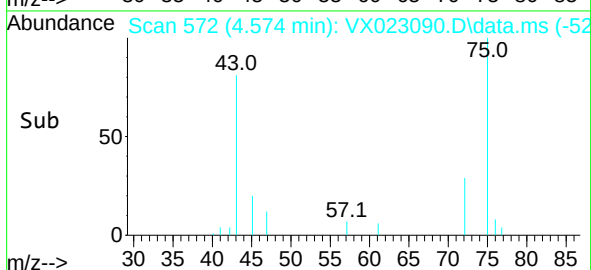
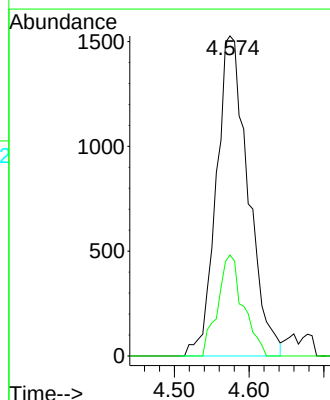
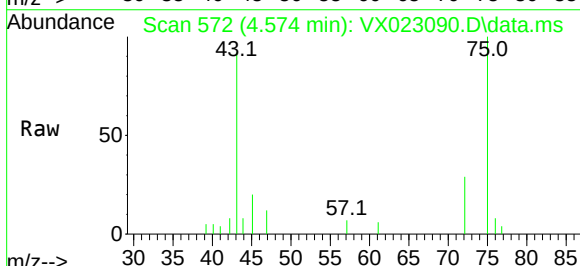
Acq: 01 Jul 2021 17:14

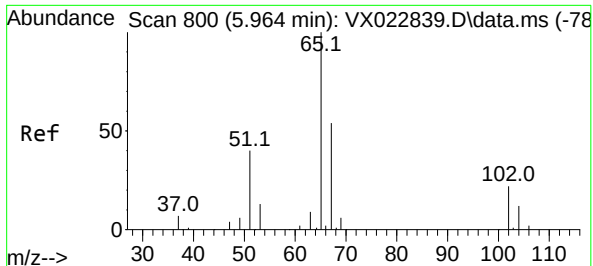
Tgt Ion: 43 Resp: 4518

Ion Ratio Lower Upper

43 100

72 31.6 23.7 35.5



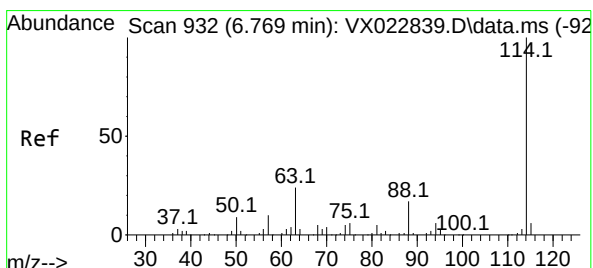
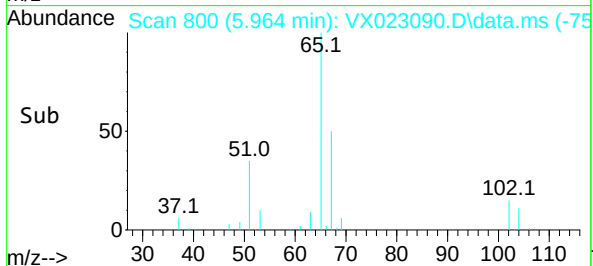
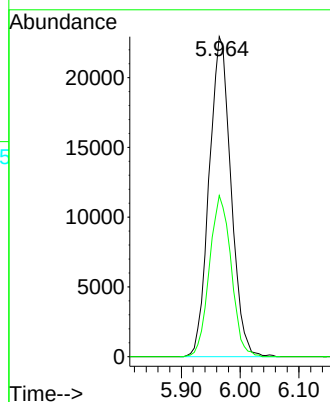
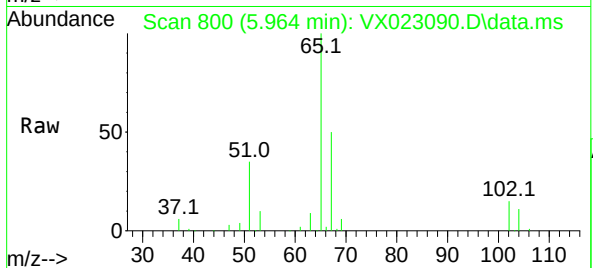


#33

1,2-Dichloroethane-d4
Concen: 61.421 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

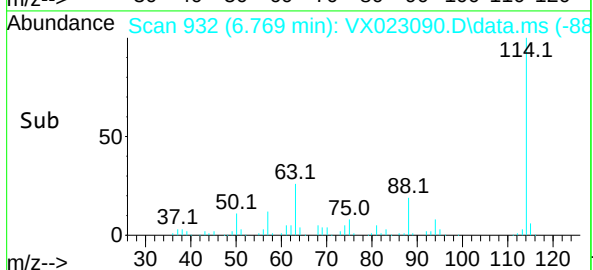
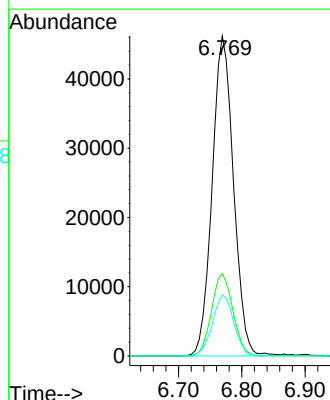
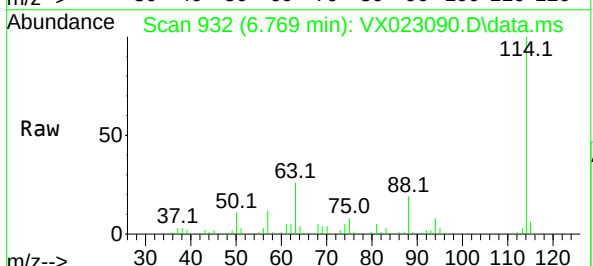
Tgt Ion: 65 Resp: 59240
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

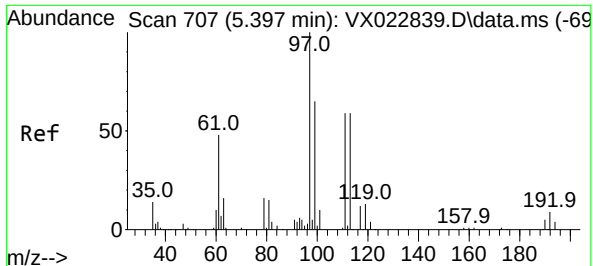


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 114 Resp: 108404
Ion Ratio Lower Upper
114 100
63 25.7 0.0 40.8
88 19.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.769 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023090.D

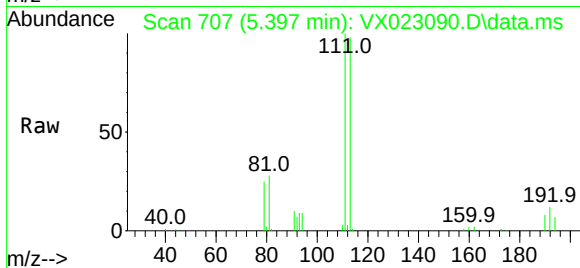
Acq: 01 Jul 2021 17:14

Instrument :

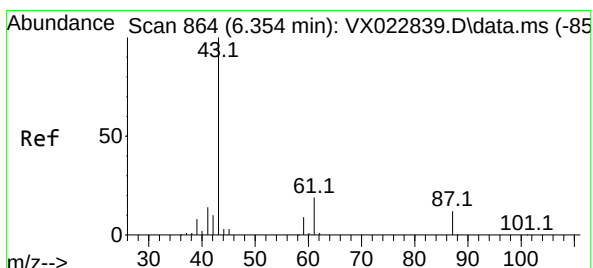
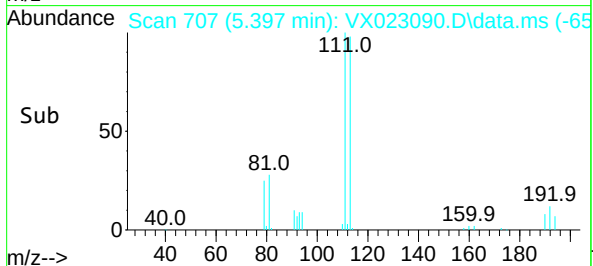
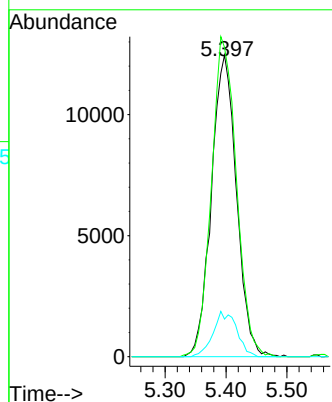
MSVOA_X

ClientSampleId :

PB137454ZHE#01



Tgt Ion:	113	Resp:	35637
Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.9	122.9
192	14.2	16.7	25.1#



#43

Isopropyl Acetate

Concen: 5.606 ug/l

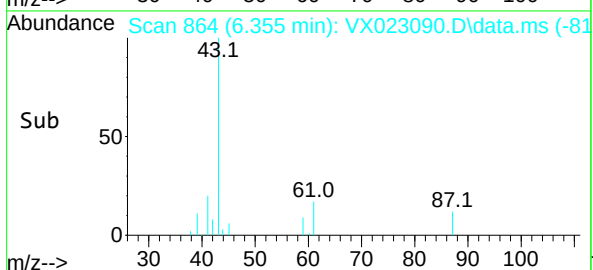
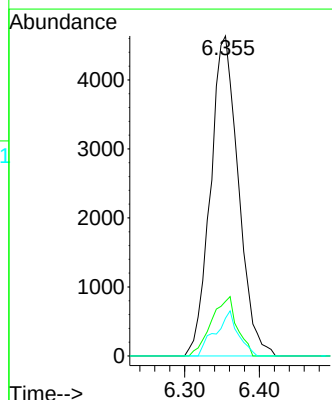
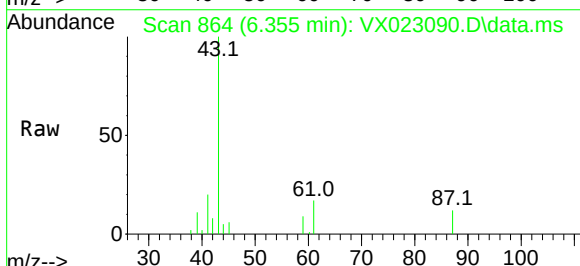
RT: 6.355 min Scan# 864

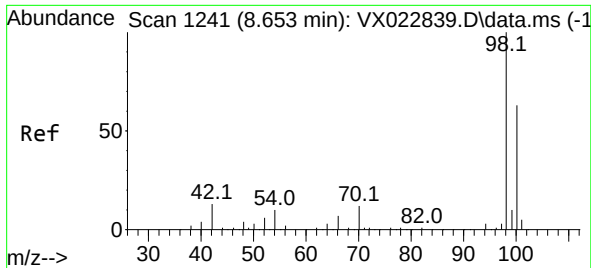
Delta R.T. 0.001 min

Lab File: VX023090.D

Acq: 01 Jul 2021 17:14

Tgt Ion:	43	Resp:	12022
Ion	Ratio	Lower	Upper
43	100		
61	17.0	18.2	27.4#
87	11.5	12.5	18.7#

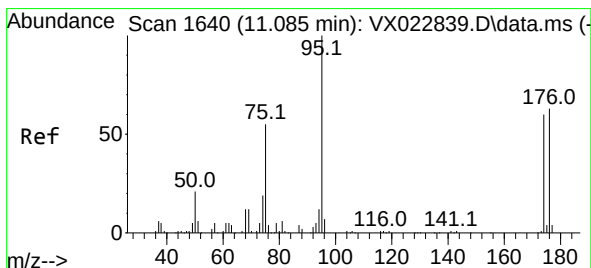
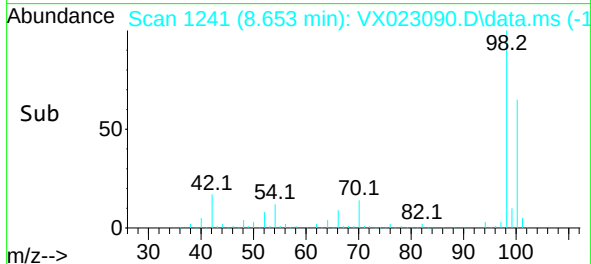
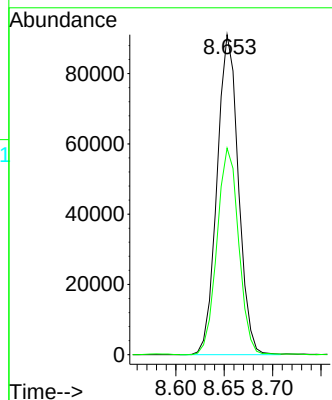
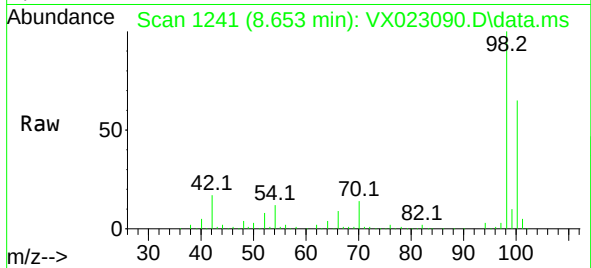




#50
Toluene-d8
Concen: 51.763 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

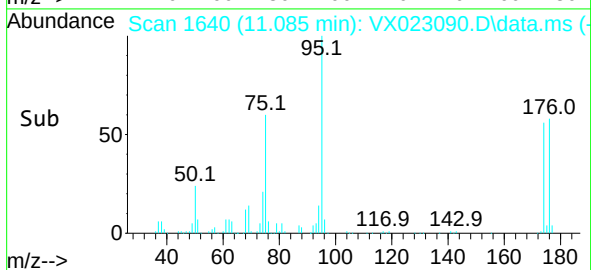
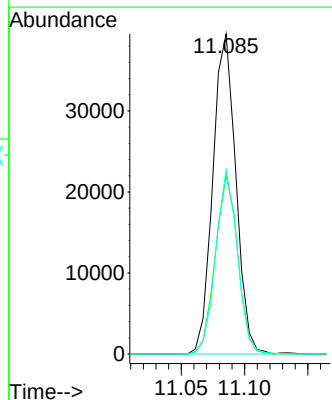
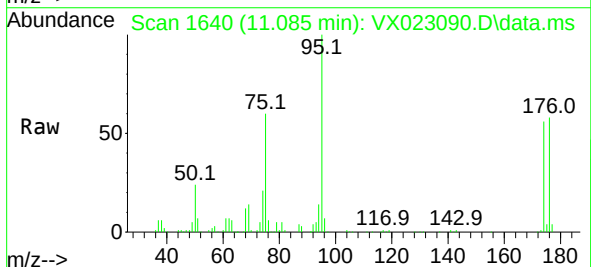
Instrument :
MSVOA_X
ClientSampleId :
PB137454ZHE#01

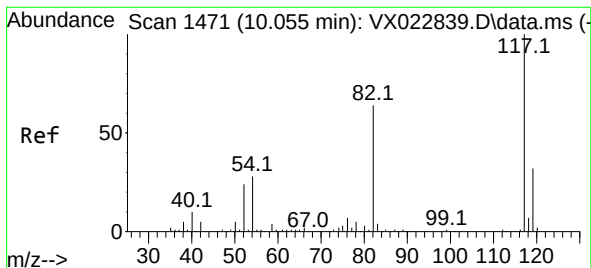
Tgt Ion: 98 Resp: 139652
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.604 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion: 95 Resp: 49946
Ion Ratio Lower Upper
95 100
174 54.6 0.0 154.6
176 54.0 0.0 155.8

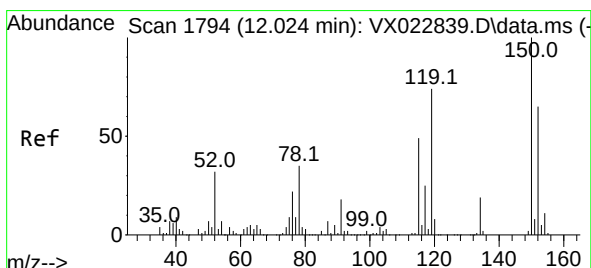
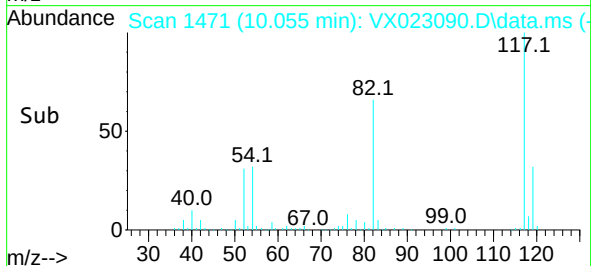
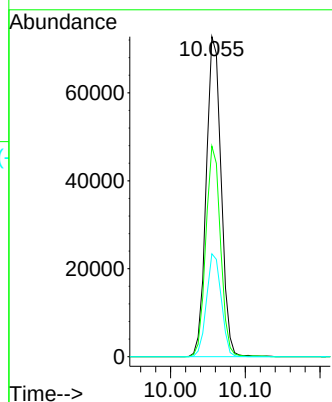
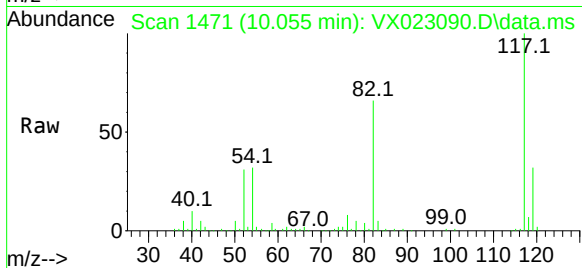




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023090.D
Acq: 01 Jul 2021 17:14

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 100875
Ion Ratio Lower Upper
117 100
82 65.8 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: VX023090.D
Acq: 01 Jul 2021 17:14

Tgt Ion:152 Resp: 33659
Ion Ratio Lower Upper
152 100
115 73.6 41.1 123.3
150 157.7 0.0 349.0

