

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026200.D
 Acq On : 31 Dec 2021 04:25
 Operator : JC/MD
 Sample : PB141758ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141758ZHE#01

Quant Time: Dec 31 21:35:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

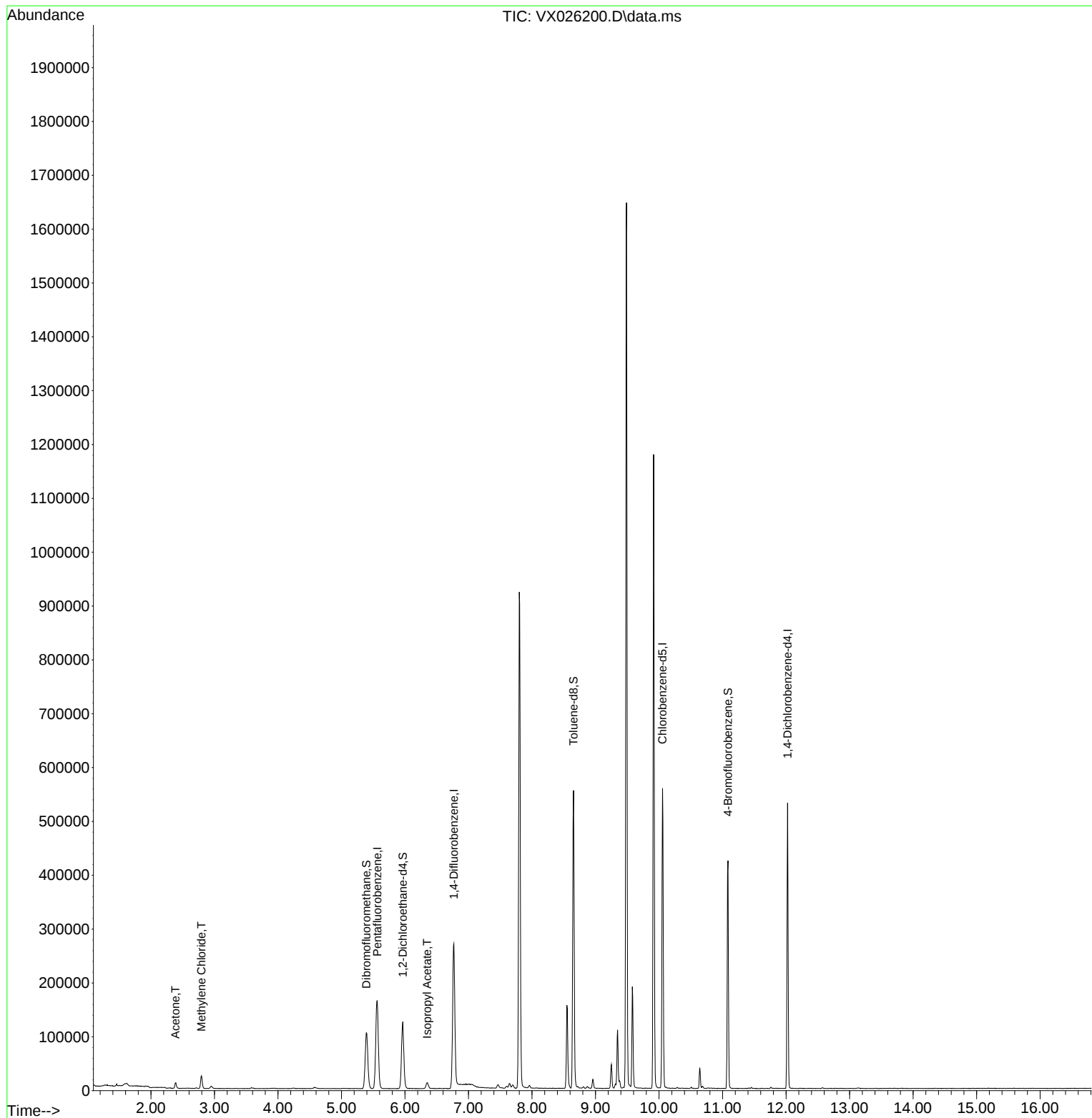
Internal Standards						
1) Pentafluorobenzene	5.562	168	147134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113905	53.512	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.020%	
35) Dibromofluoromethane	5.391	113	88437	53.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.080%	
50) Toluene-d8	8.653	98	312277	50.826	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	11.085	95	106325	48.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.220%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	11872	10.294	ug/l	93
20) Methylene Chloride	2.794	84	9638	4.364	ug/l #	86
43) Isopropyl Acetate	6.348	43	15372	3.053	ug/l	96

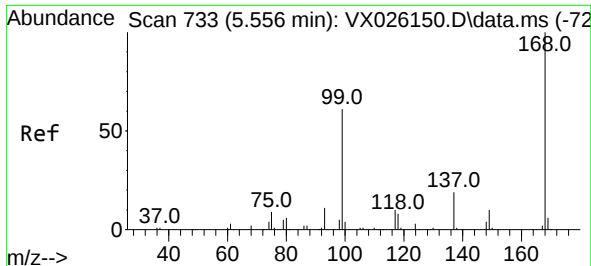
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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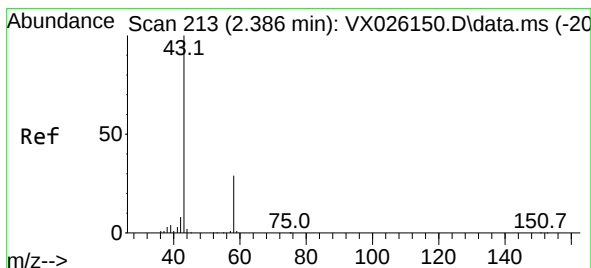
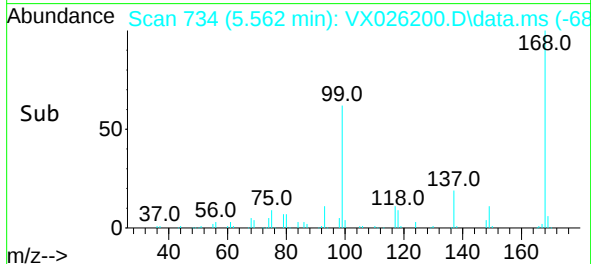
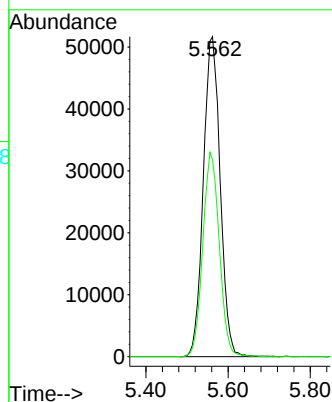
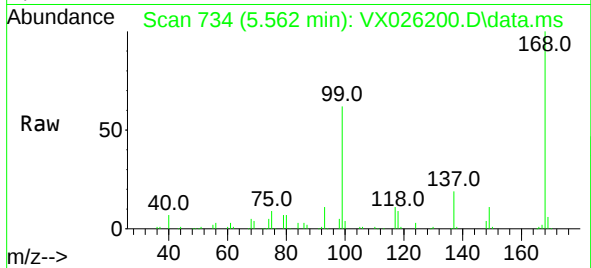




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

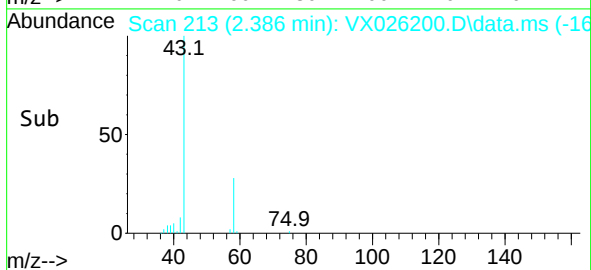
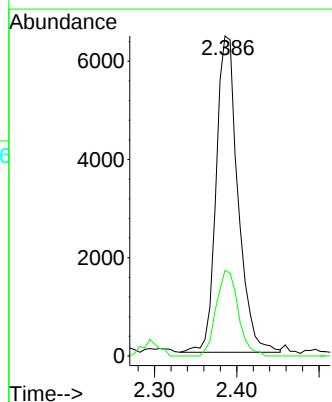
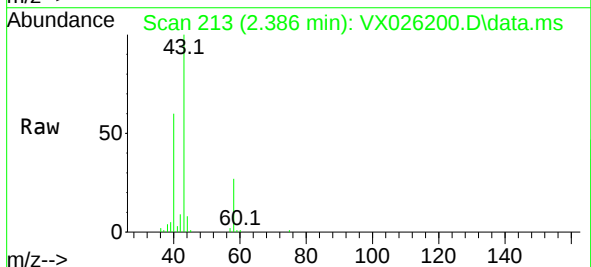
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#01

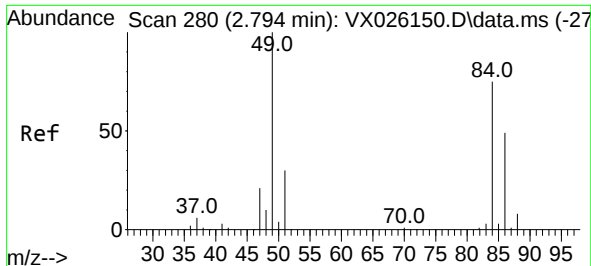
Tgt Ion:168 Resp: 147134
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.8



#16
Acetone
Concen: 10.294 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Tgt Ion: 43 Resp: 11872
Ion Ratio Lower Upper
43 100
58 27.0 24.8 37.2





#20

Methylene Chloride

Concen: 4.364 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026200.D

Acq: 31 Dec 2021 04:25

Instrument :

MSVOA_X

ClientSampleId :

PB141758ZHE#01

Tgt Ion: 84 Resp: 9638

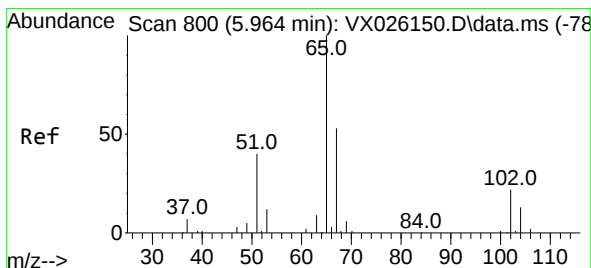
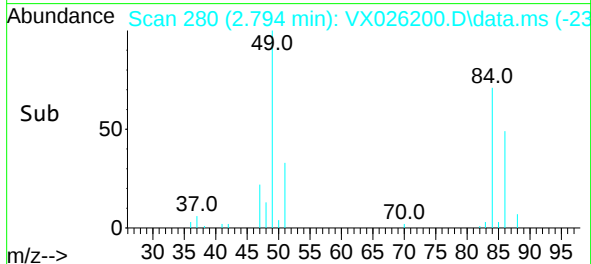
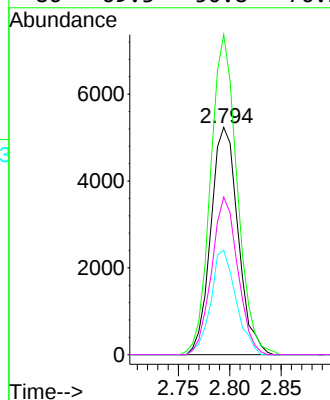
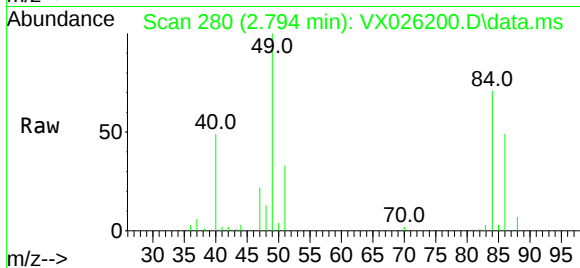
Ion Ratio Lower Upper

84 100

49 140.8 97.1 145.7

51 45.9 29.3 43.9#

86 69.3 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 53.512 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026200.D

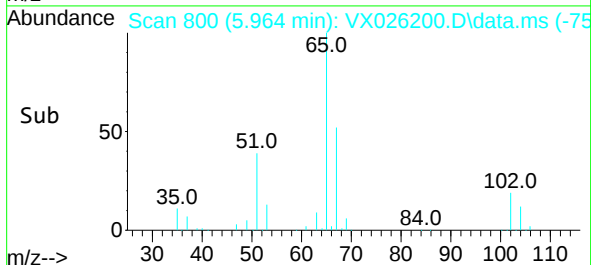
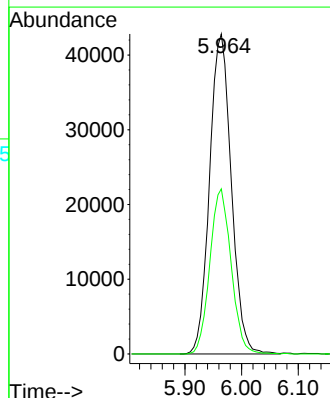
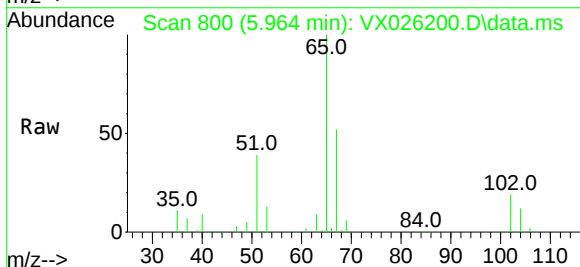
Acq: 31 Dec 2021 04:25

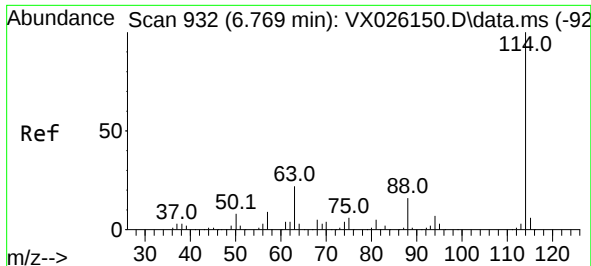
Tgt Ion: 65 Resp: 113905

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.4

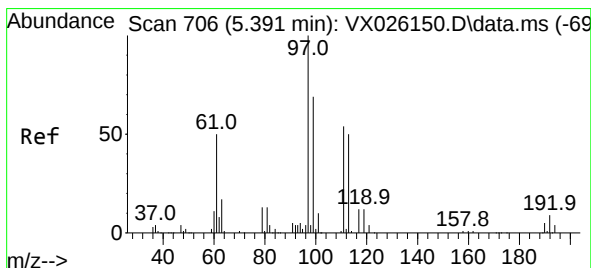
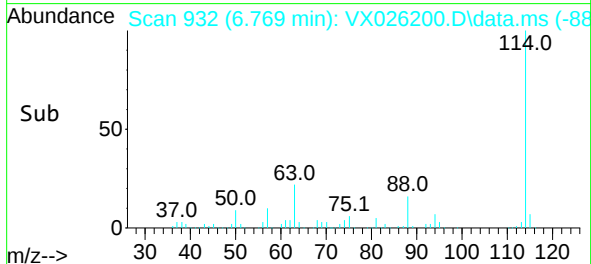
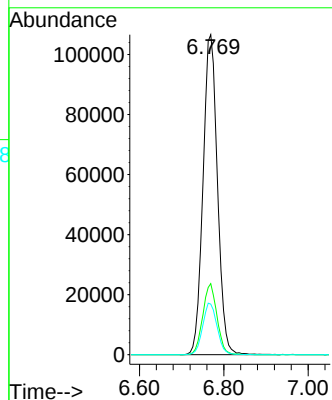
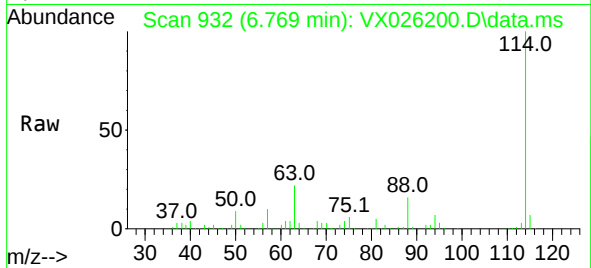




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

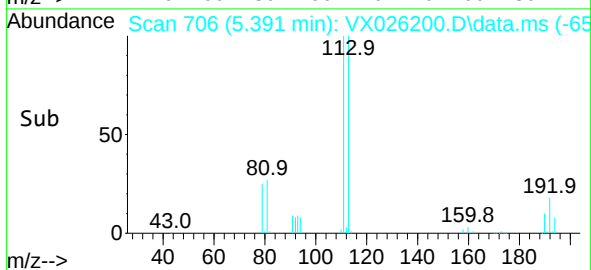
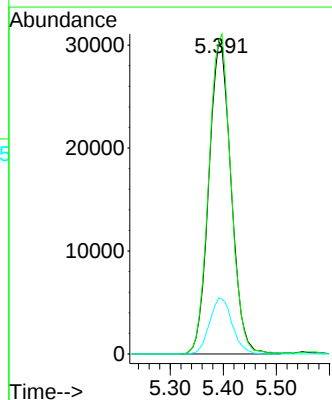
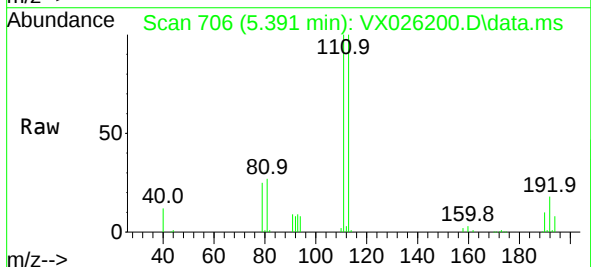
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#01

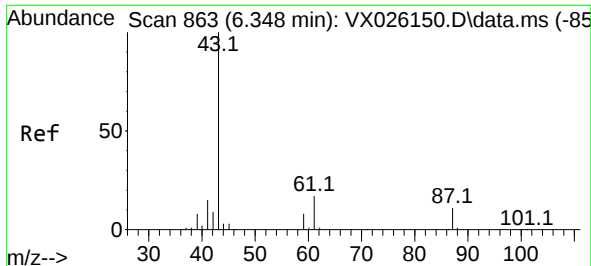
Tgt Ion:114 Resp: 254068
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.540 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Tgt Ion:113 Resp: 88437
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 18.2 15.0 22.4

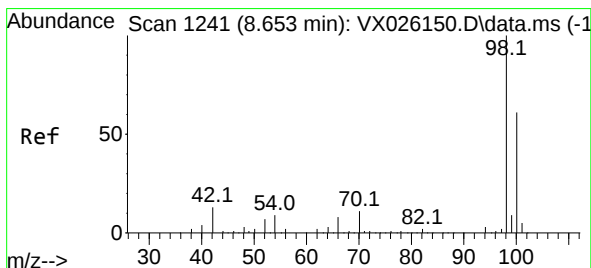
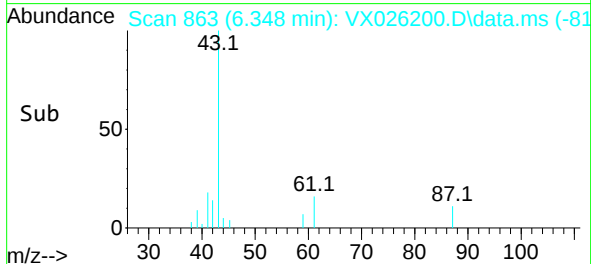
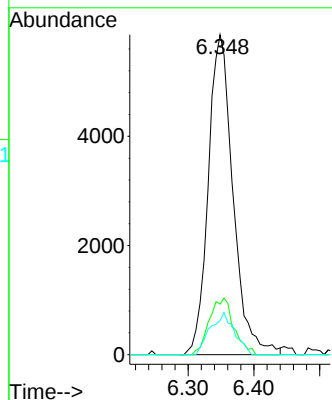
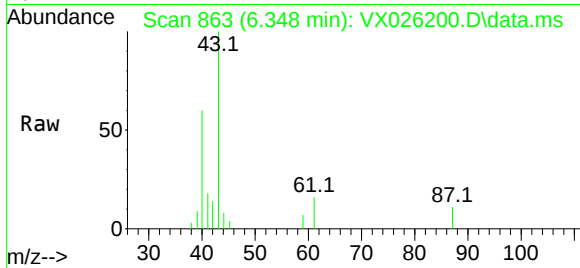




#43
Isopropyl Acetate
Concen: 3.053 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

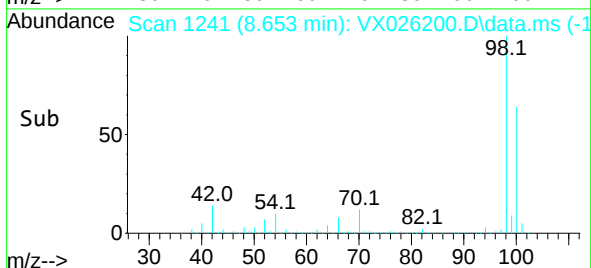
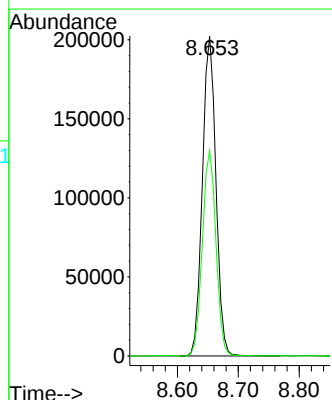
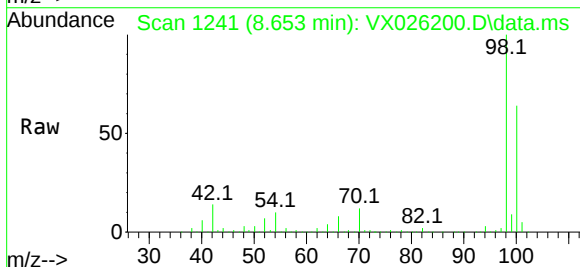
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#01

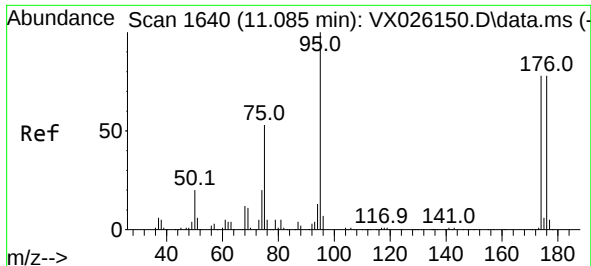
Tgt Ion: 43 Resp: 15372
Ion Ratio Lower Upper
43 100
61 17.5 15.7 23.5
87 12.8 11.2 16.8



#50
Toluene-d8
Concen: 50.826 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

Tgt Ion: 98 Resp: 312277
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

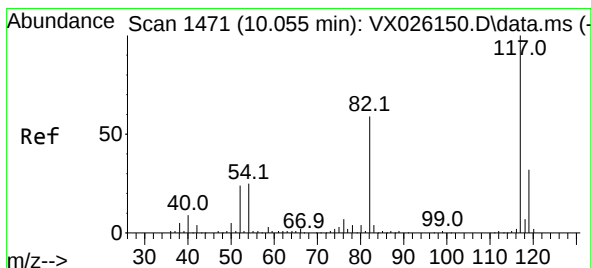
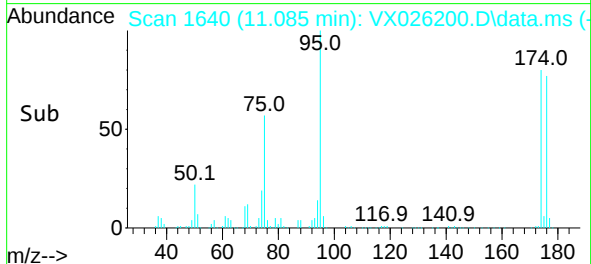
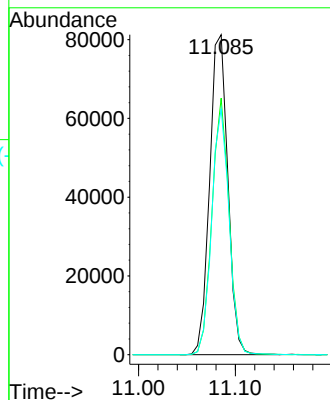
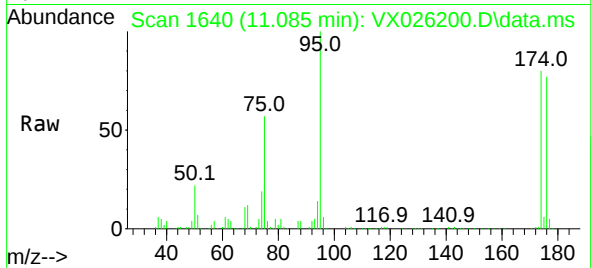




#62
4-Bromofluorobenzene
Concen: 48.613 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

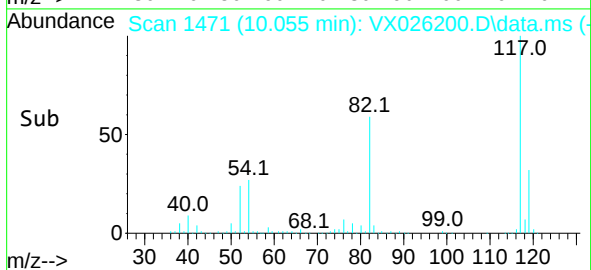
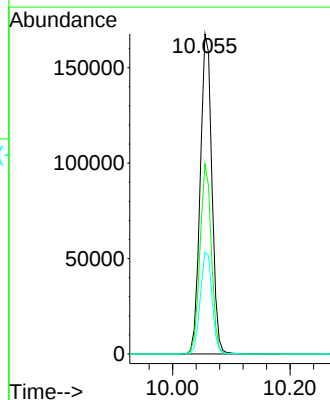
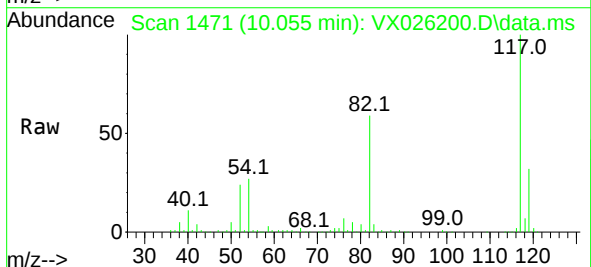
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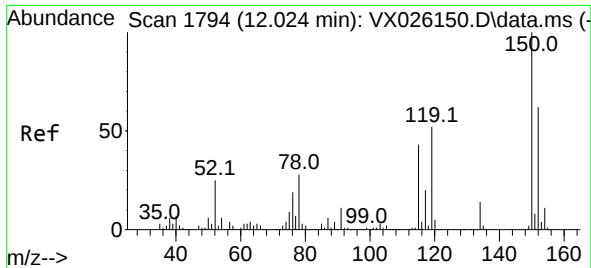
Tgt Ion: 95 Resp: 106325
Ion Ratio Lower Upper
95 100
174 75.2 0.0 157.4
176 73.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026200.D
Acq: 31 Dec 2021 04:25

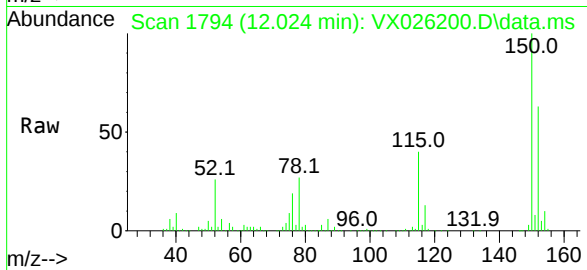
Tgt Ion: 117 Resp: 231206
Ion Ratio Lower Upper
117 100
82 59.3 43.8 65.6
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026200.D
 Acq: 31 Dec 2021 04:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141758ZHE#01



Tgt Ion:152 Resp: 96527
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.3 123.9
 150 158.8 0.0 351.8

