

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026204.D
 Acq On : 31 Dec 2021 05:57
 Operator : JC/MD
 Sample : PB141758ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141758ZHE#05

Quant Time: Dec 31 21:37:00 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)

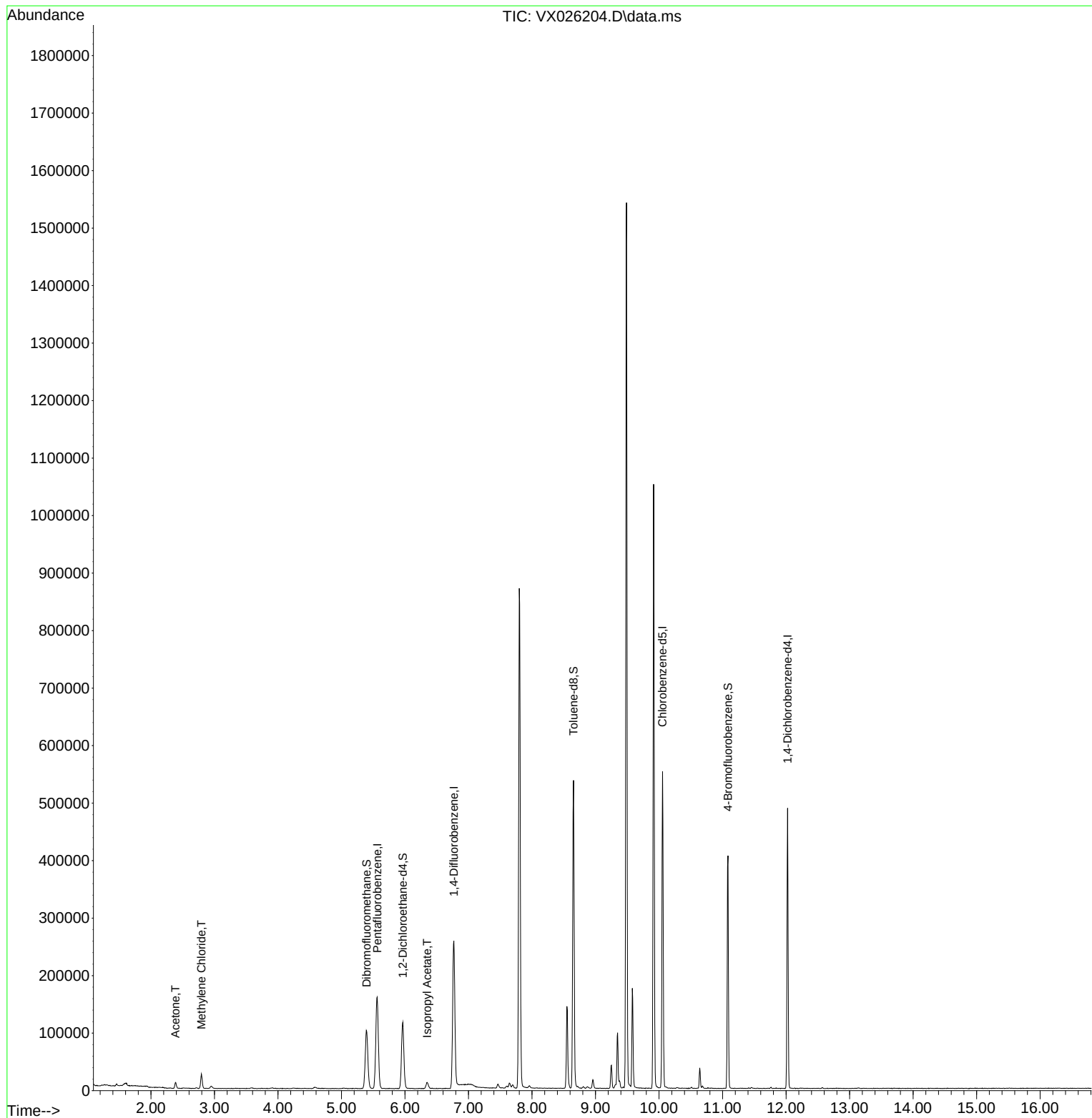
Internal Standards						
1) Pentafluorobenzene	5.562	168	141289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109656	53.647	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.300%			
35) Dibromofluoromethane	5.397	113	84588	52.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.660%			
50) Toluene-d8	8.653	98	296781	49.829	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.660%			
62) 4-Bromofluorobenzene	11.085	95	98605	46.506	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.020%			
Target Compounds						
16) Acetone	2.386	43	12087	10.914	ug/l	92
20) Methylene Chloride	2.794	84	9850	4.706	ug/l #	87
43) Isopropyl Acetate	6.348	43	14851	3.043	ug/l	95

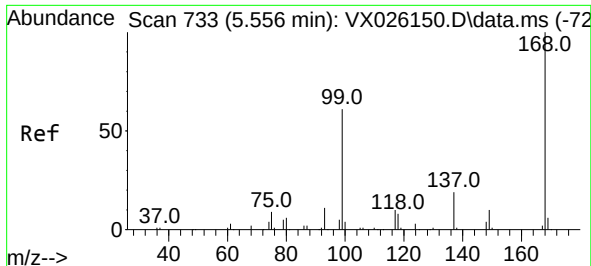
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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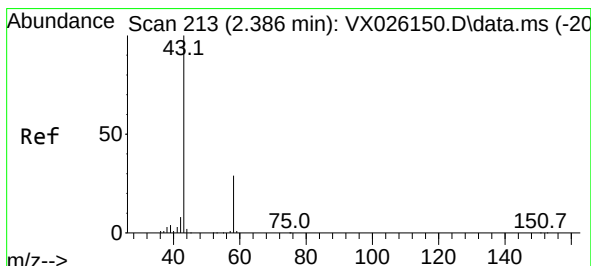
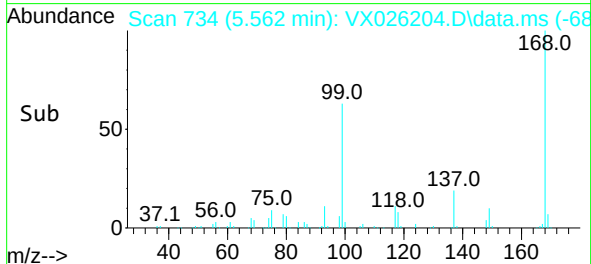
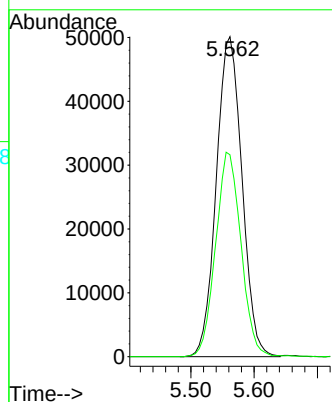
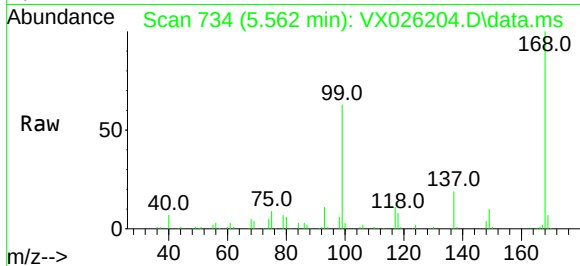




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026204.D
Acq: 31 Dec 2021 05:57

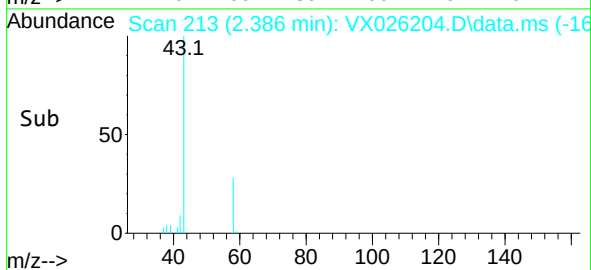
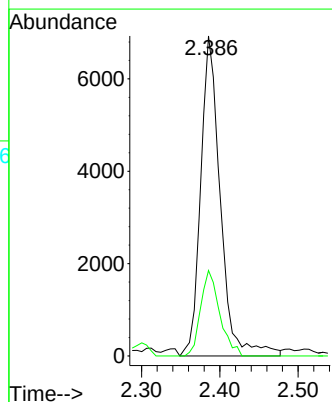
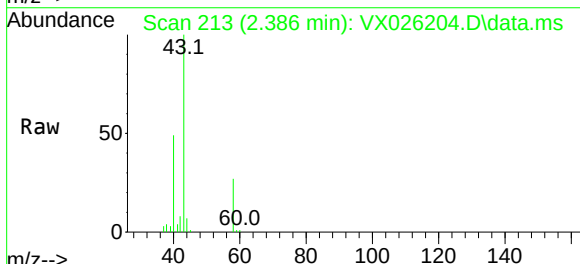
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#05

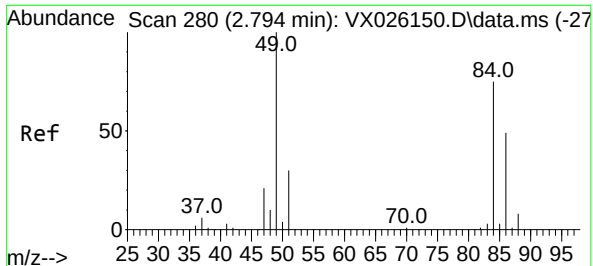
Tgt Ion:168 Resp: 141289
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.8



#16
Acetone
Concen: 10.914 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026204.D
Acq: 31 Dec 2021 05:57

Tgt Ion: 43 Resp: 12087
Ion Ratio Lower Upper
43 100
58 26.7 24.8 37.2

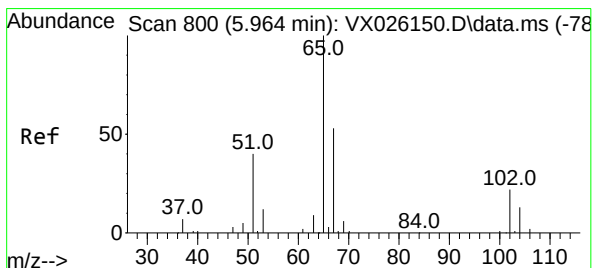
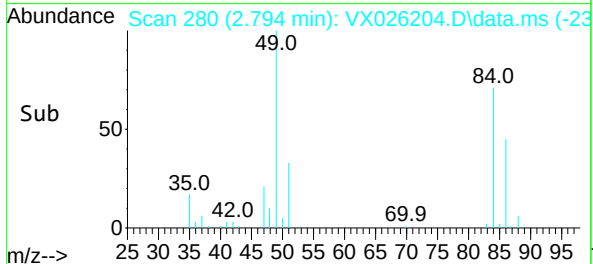
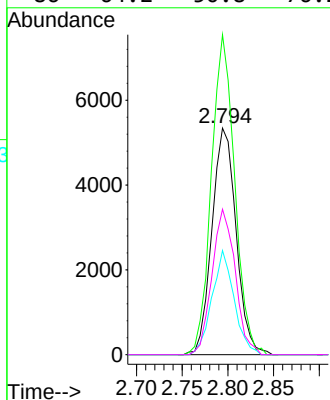
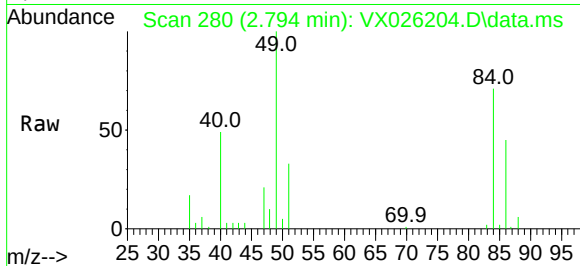




#20
Methylene Chloride
Concen: 4.706 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026204.D
Acq: 31 Dec 2021 05:57

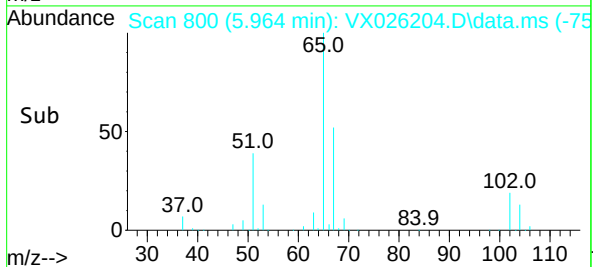
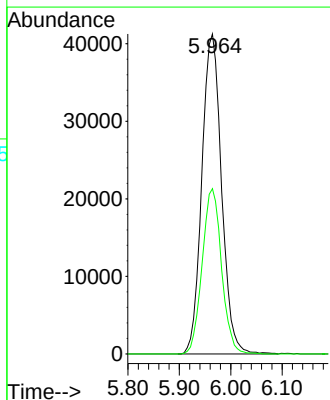
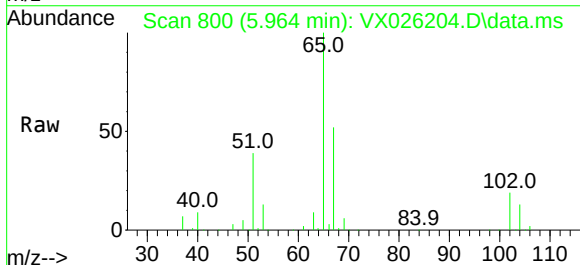
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#05

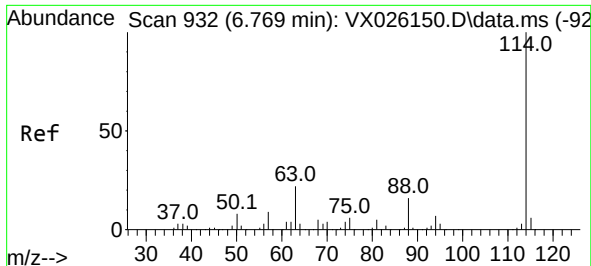
Tgt Ion:	84	Resp:	9850
Ion	Ratio	Lower	Upper
84	100		
49	141.3	97.1	145.7
51	46.0	29.3	43.9#
86	64.2	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 53.647 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026204.D
Acq: 31 Dec 2021 05:57

Tgt Ion:	65	Resp:	109656
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.4

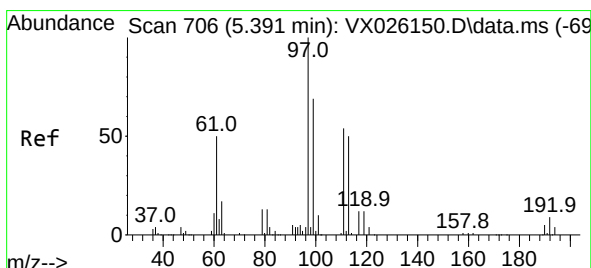
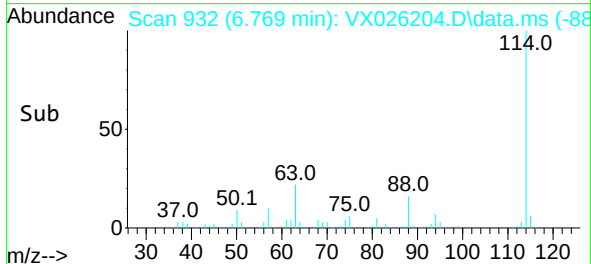
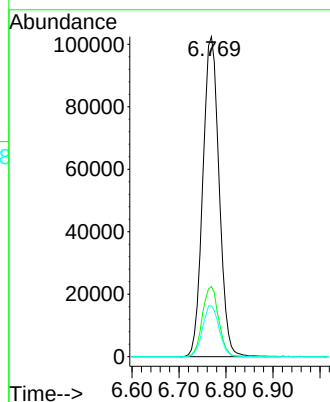
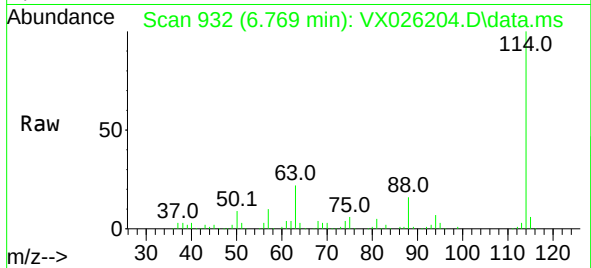




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026204.D
Acq: 31 Dec 2021 05:57

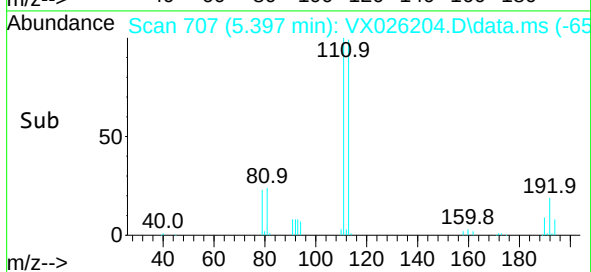
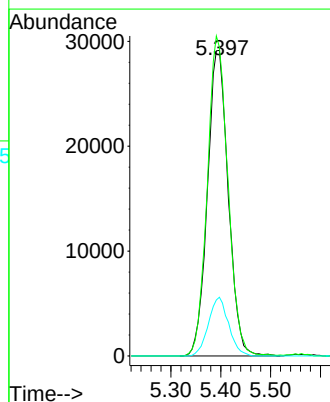
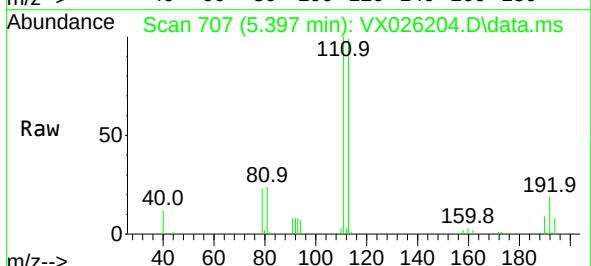
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#05

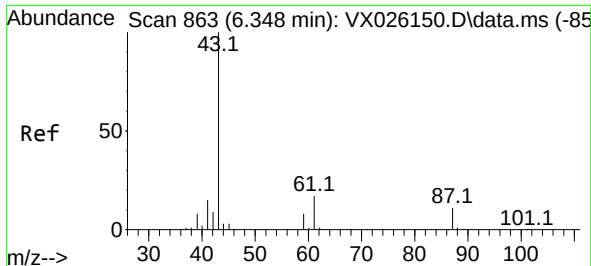
Tgt Ion:114 Resp: 246294
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.0
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.827 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026204.D
Acq: 31 Dec 2021 05:57

Tgt Ion:113 Resp: 84588
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 18.6 15.0 22.4

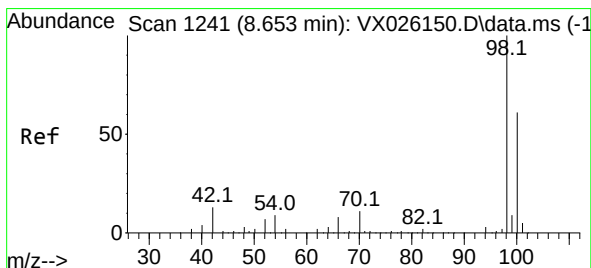
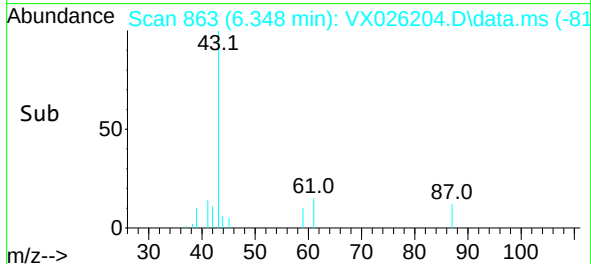
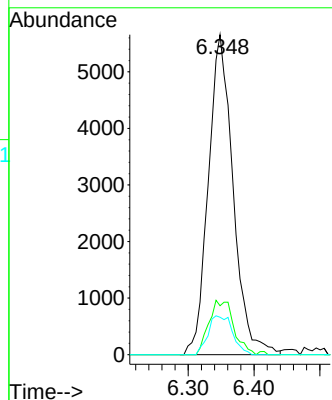
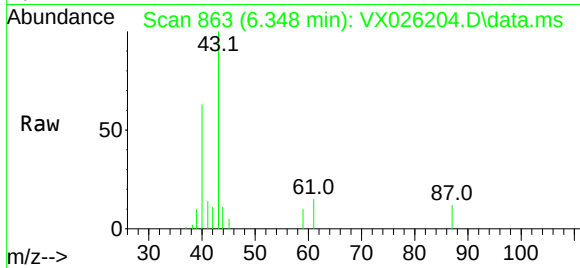




#43
Isopropyl Acetate
Concen: 3.043 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026204.D
Acq: 31 Dec 2021 05:57

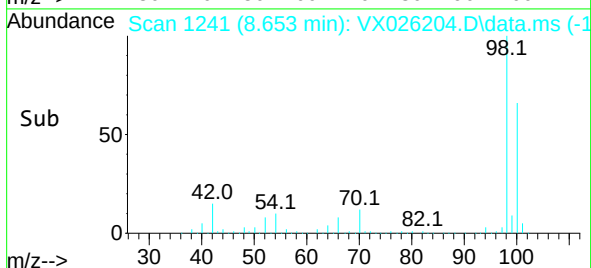
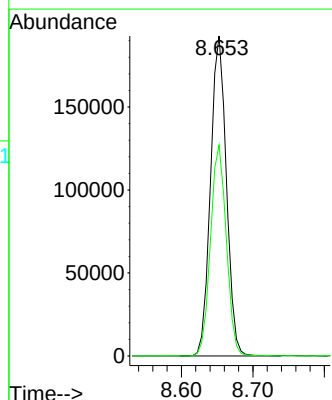
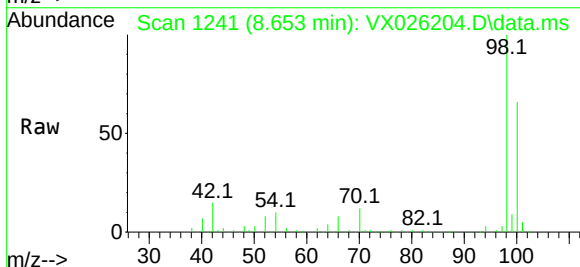
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#05

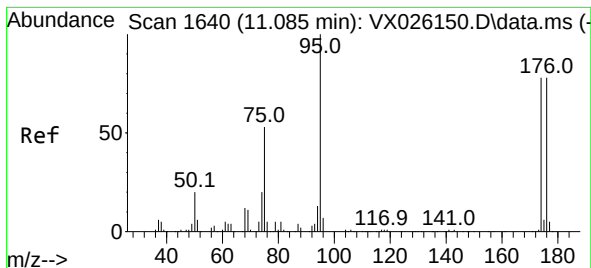
Tgt Ion: 43 Resp: 14851
Ion Ratio Lower Upper
43 100
61 16.9 15.7 23.5
87 12.0 11.2 16.8



#50
Toluene-d8
Concen: 49.829 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026204.D
Acq: 31 Dec 2021 05:57

Tgt Ion: 98 Resp: 296781
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

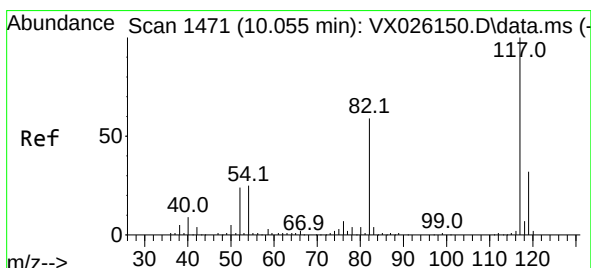
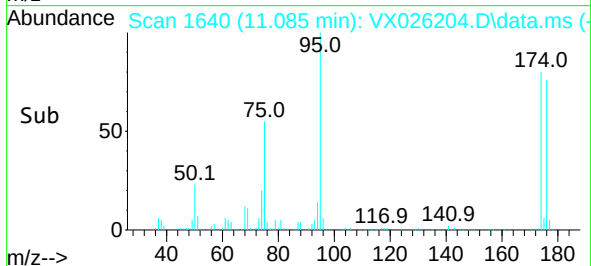
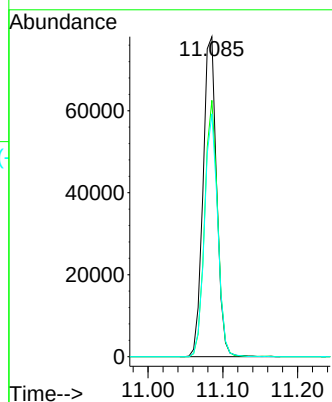
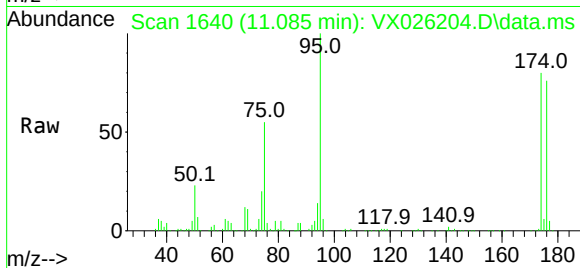




#62
4-Bromofluorobenzene
Concen: 46.506 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026204.D
Acq: 31 Dec 2021 05:57

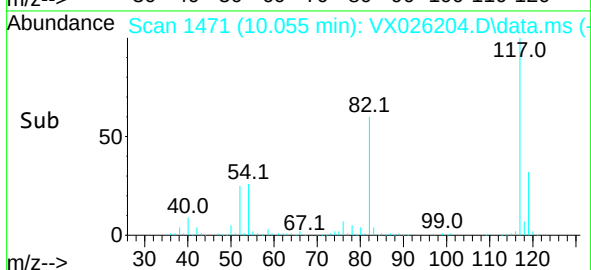
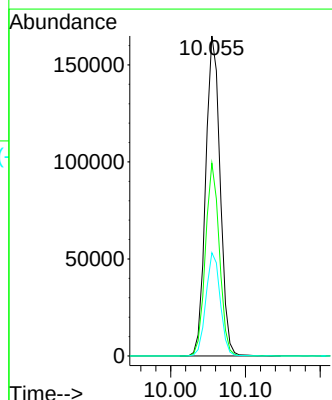
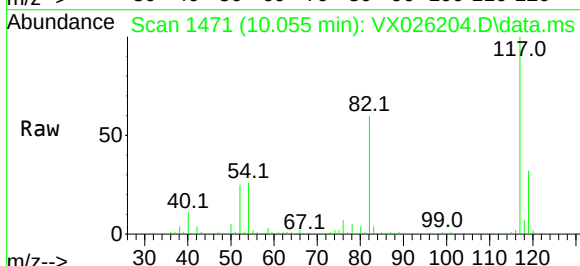
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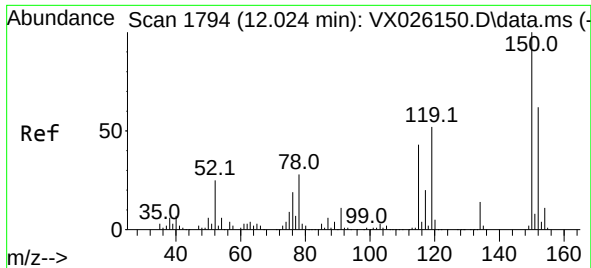
Tgt Ion: 95 Resp: 98605
Ion Ratio Lower Upper
95 100
174 76.6 0.0 157.4
176 73.9 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026204.D
Acq: 31 Dec 2021 05:57

Tgt Ion: 117 Resp: 221576
Ion Ratio Lower Upper
117 100
82 60.3 43.8 65.6
119 32.3 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: VX026204.D

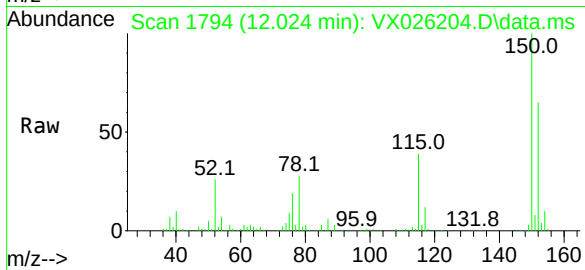
Acq: 31 Dec 2021 05:57

Instrument :

MSVOA_X

ClientSampleId :

PB141758ZHE#05



Tgt Ion:152 Resp: 90999

Ion Ratio Lower Upper

152 100

115 59.6 41.3 123.9

150 154.7 0.0 351.8

