

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024747.D
 Acq On : 12 Oct 2021 06:31
 Operator : JC/MD
 Sample : M4158-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-3-TOP-GRAB

Quant Time: Oct 12 08:12:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

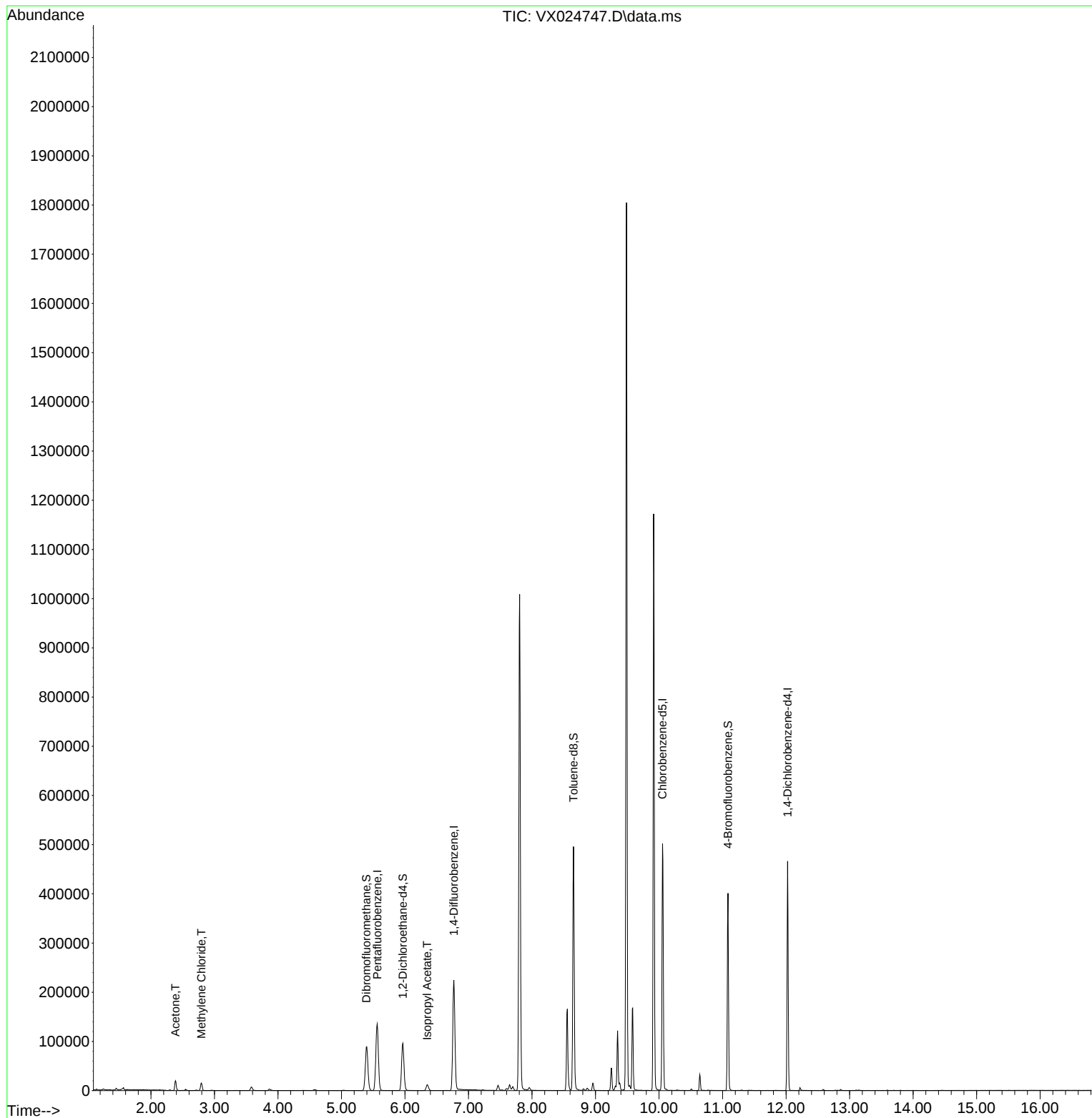
Internal Standards						
1) Pentafluorobenzene	5.562	168	126603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97556	54.674	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.340%	
35) Dibromofluoromethane	5.391	113	75074	50.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.680%	
50) Toluene-d8	8.653	98	281493	51.797	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	11.085	95	101489	47.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.000%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	21815	19.632	ug/l #	86
20) Methylene Chloride	2.794	84	6839	4.072	ug/l #	83
43) Isopropyl Acetate	6.348	43	16199	4.005	ug/l	93

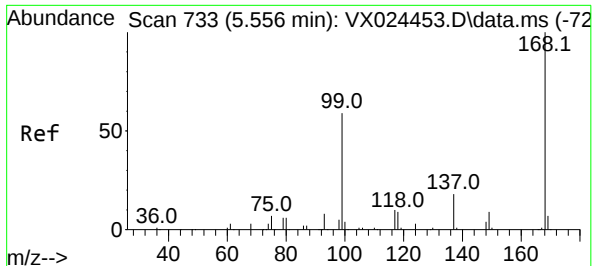
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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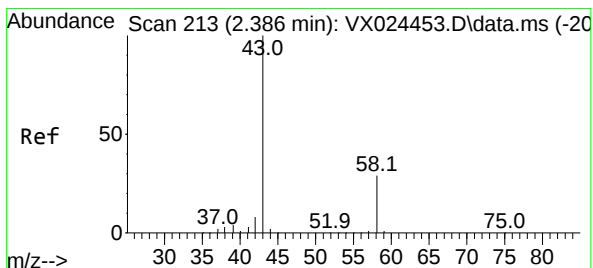
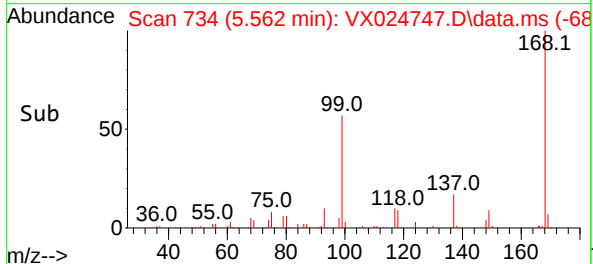
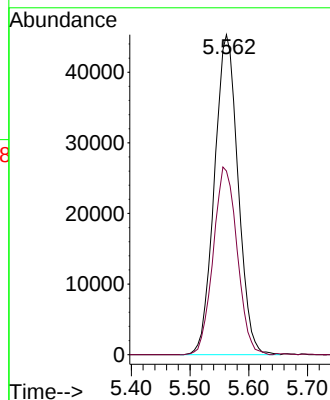
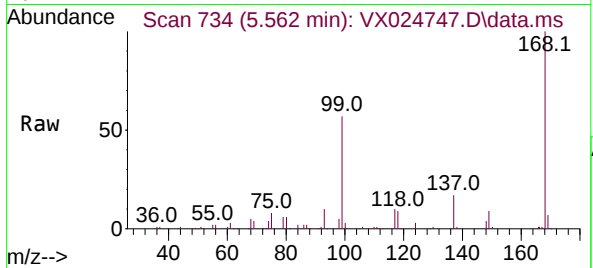




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024747.D
Acq: 12 Oct 2021 06:31

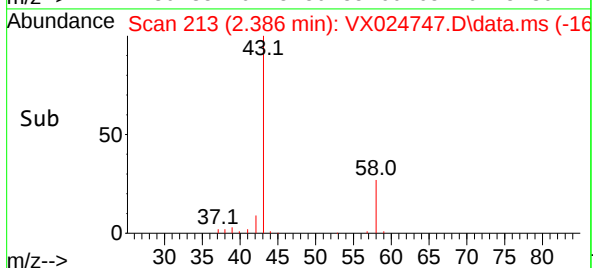
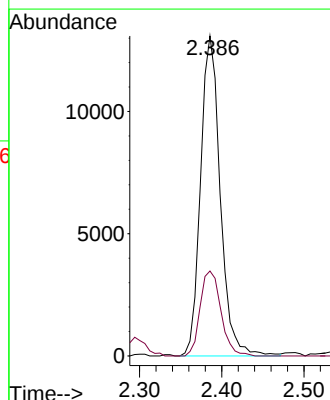
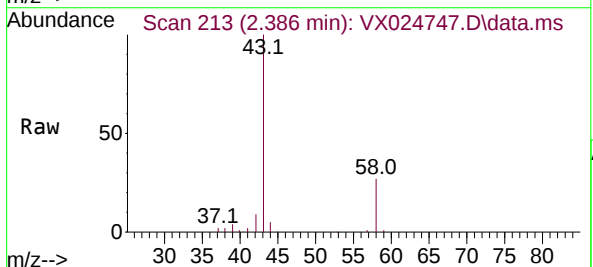
Instrument :
MSVOA_X
ClientSampleId :
T8-3-TOP-GRAB

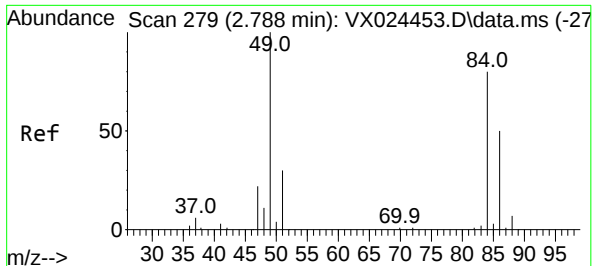
Tgt Ion:168 Resp: 126603
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#16
Acetone
Concen: 19.632 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024747.D
Acq: 12 Oct 2021 06:31

Tgt Ion: 43 Resp: 21815
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#





#20

Methylene Chloride

Concen: 4.072 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

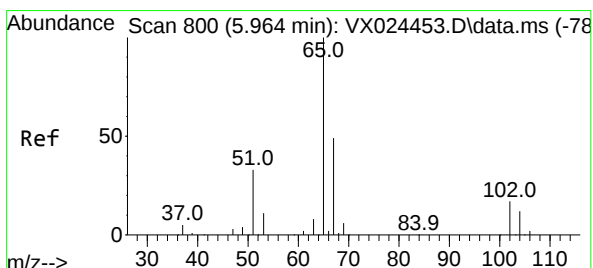
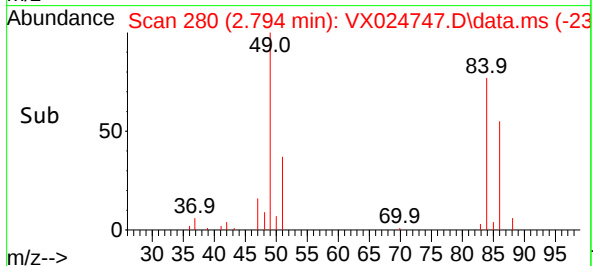
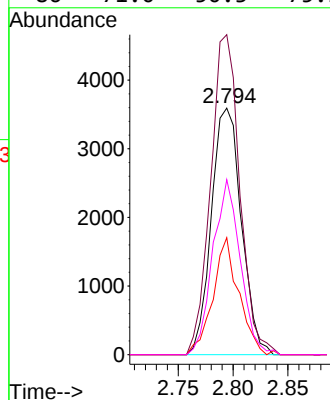
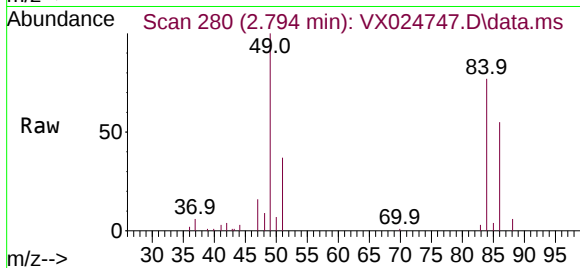
Lab File: VX024747.D

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Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 84 Resp: 6839

Ion	Ratio	Lower	Upper
84	100		
49	129.8	88.6	132.8
51	47.4	27.0	40.6#
86	71.0	50.3	75.5



#33

1,2-Dichloroethane-d4

Concen: 54.674 ug/l

RT: 5.964 min Scan# 800

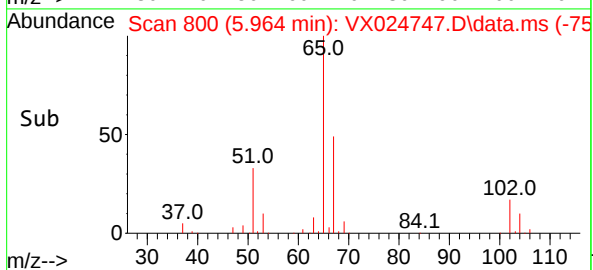
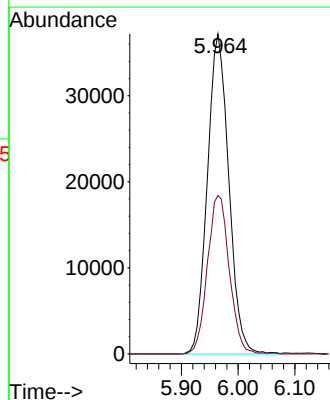
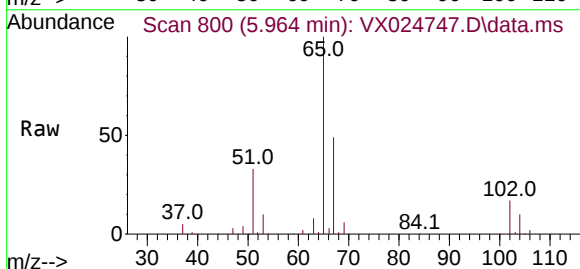
Delta R.T. 0.000 min

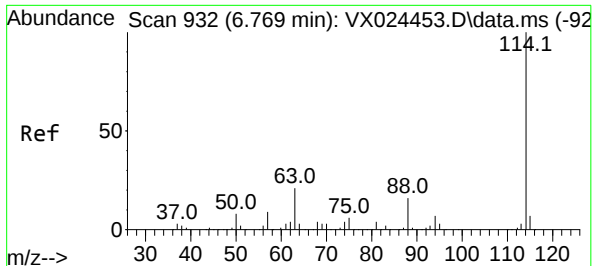
Lab File: VX024747.D

Acq: 12 Oct 2021 06:31

Tgt Ion: 65 Resp: 97556

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	105.4

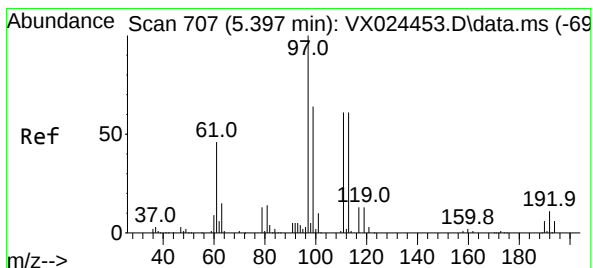
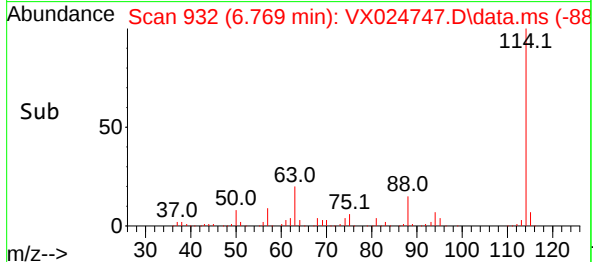
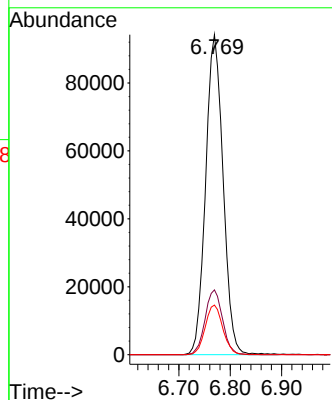
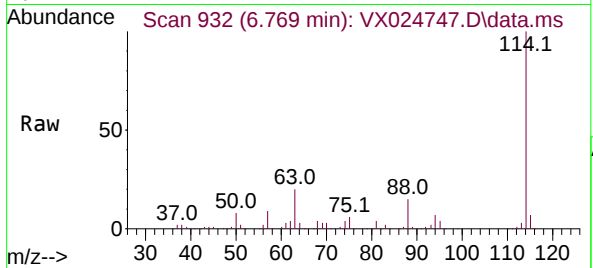




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024747.D
Acq: 12 Oct 2021 06:31

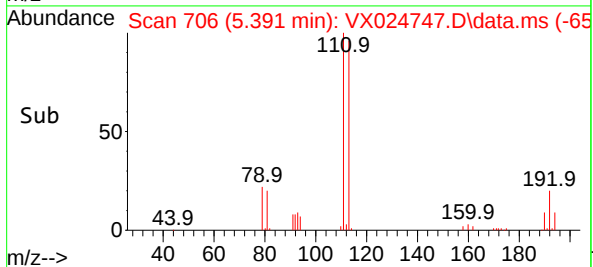
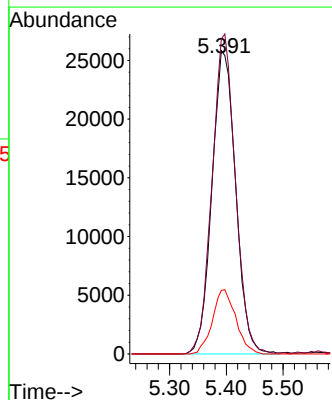
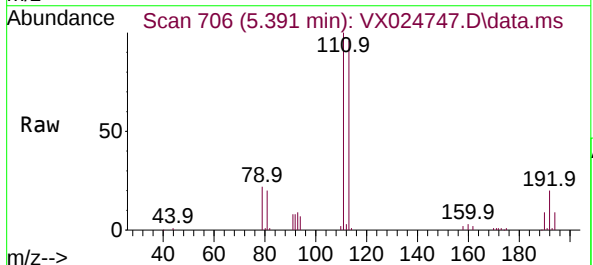
Instrument :
MSVOA_X
ClientSampleId :
T8-3-TOP-GRAB

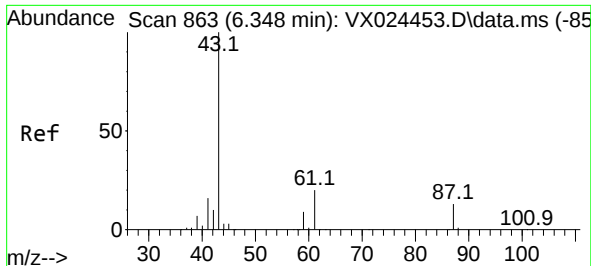
Tgt Ion:114 Resp: 222264
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.844 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024747.D
Acq: 12 Oct 2021 06:31

Tgt Ion:113 Resp: 75074
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.9 16.7 25.1

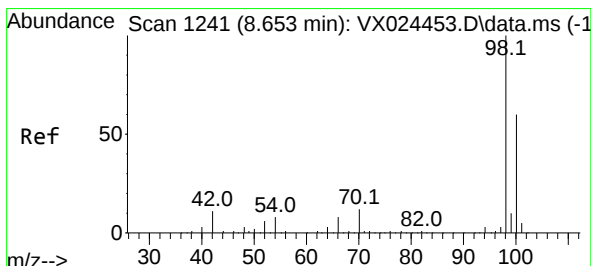
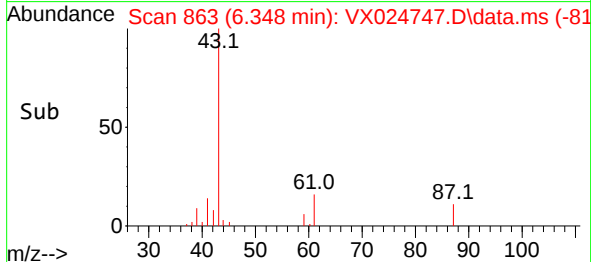
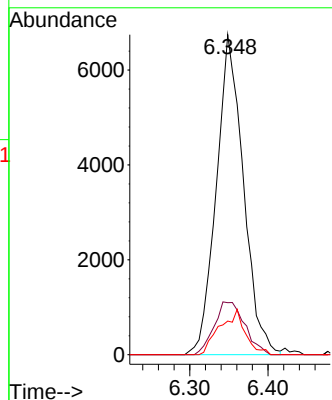
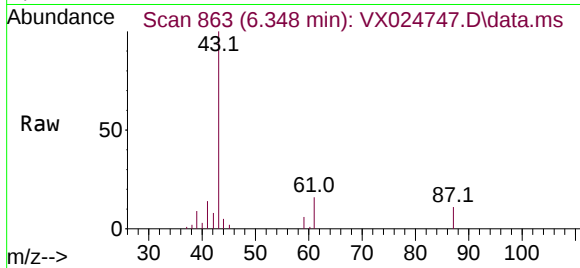




#43
Isopropyl Acetate
Concen: 4.005 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX024747.D
Acq: 12 Oct 2021 06:31

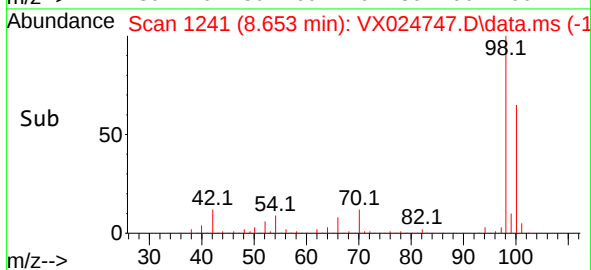
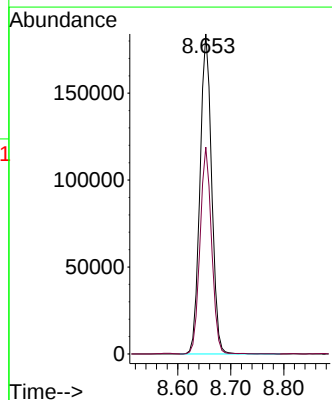
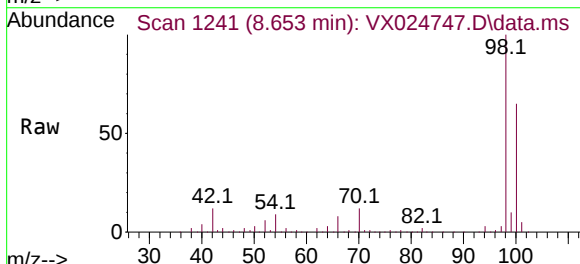
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ClientSampleId :
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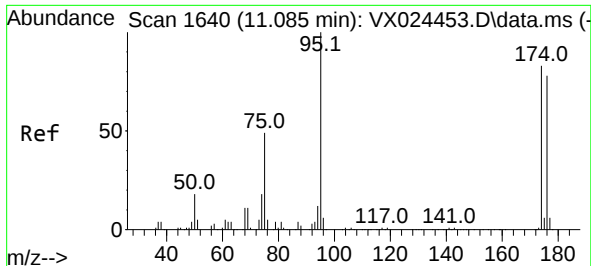
Tgt Ion: 43	Resp: 16199
Ion Ratio	Lower Upper
43	100
61	18.7 18.2 27.4
87	13.2 12.5 18.7



#50
Toluene-d8
Concen: 51.797 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024747.D
Acq: 12 Oct 2021 06:31

Tgt Ion: 98	Resp: 281493
Ion Ratio	Lower Upper
98	100
100	64.1 51.9 77.9

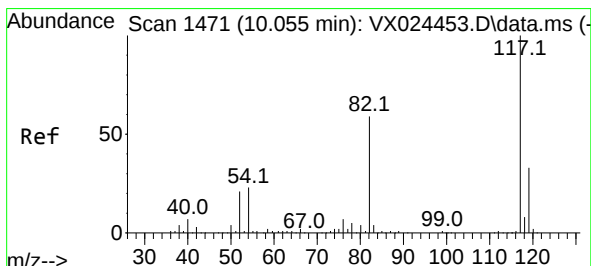
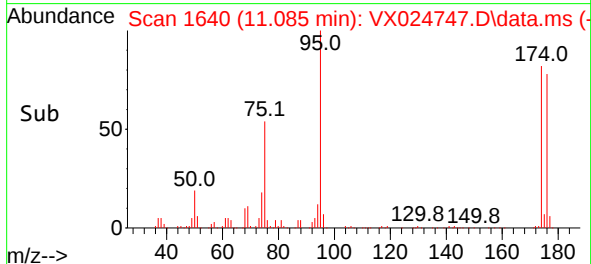
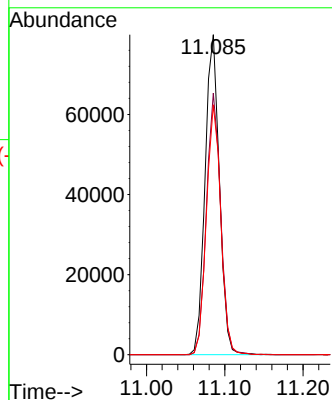
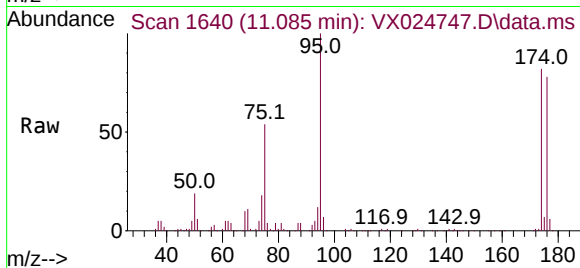




#62
4-Bromofluorobenzene
Concen: 47.497 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024747.D
Acq: 12 Oct 2021 06:31

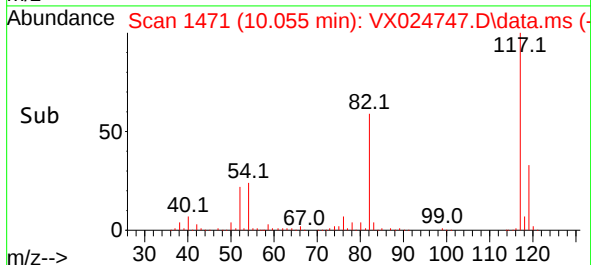
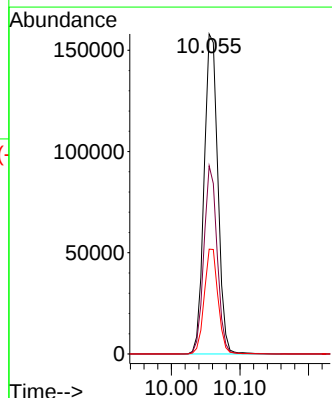
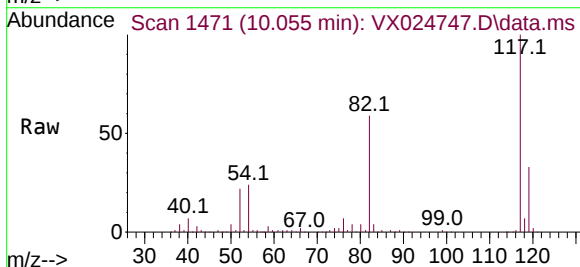
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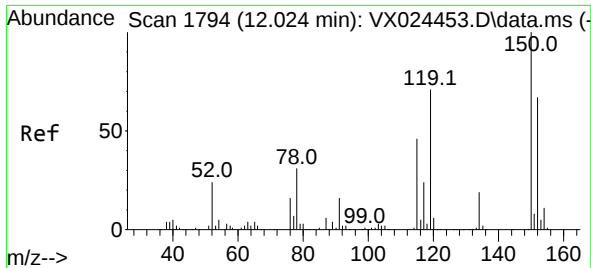
Tgt Ion: 95 Resp: 101489
Ion Ratio Lower Upper
95 100
174 81.1 0.0 154.6
176 78.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024747.D
Acq: 12 Oct 2021 06:31

Tgt Ion: 117 Resp: 220793
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.7 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: VX024747.D
 Acq: 12 Oct 2021 06:31

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-3-TOP-GRAB

Tgt Ion:152 Resp: 90693
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.1 123.3
 150 157.9 0.0 349.0

