

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032248.D
 Acq On : 20 Oct 2022 07:37
 Operator : JC/MD
 Sample : PB148361ZHE#14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB148361ZHE#14

Quant Time: Oct 20 13:14:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

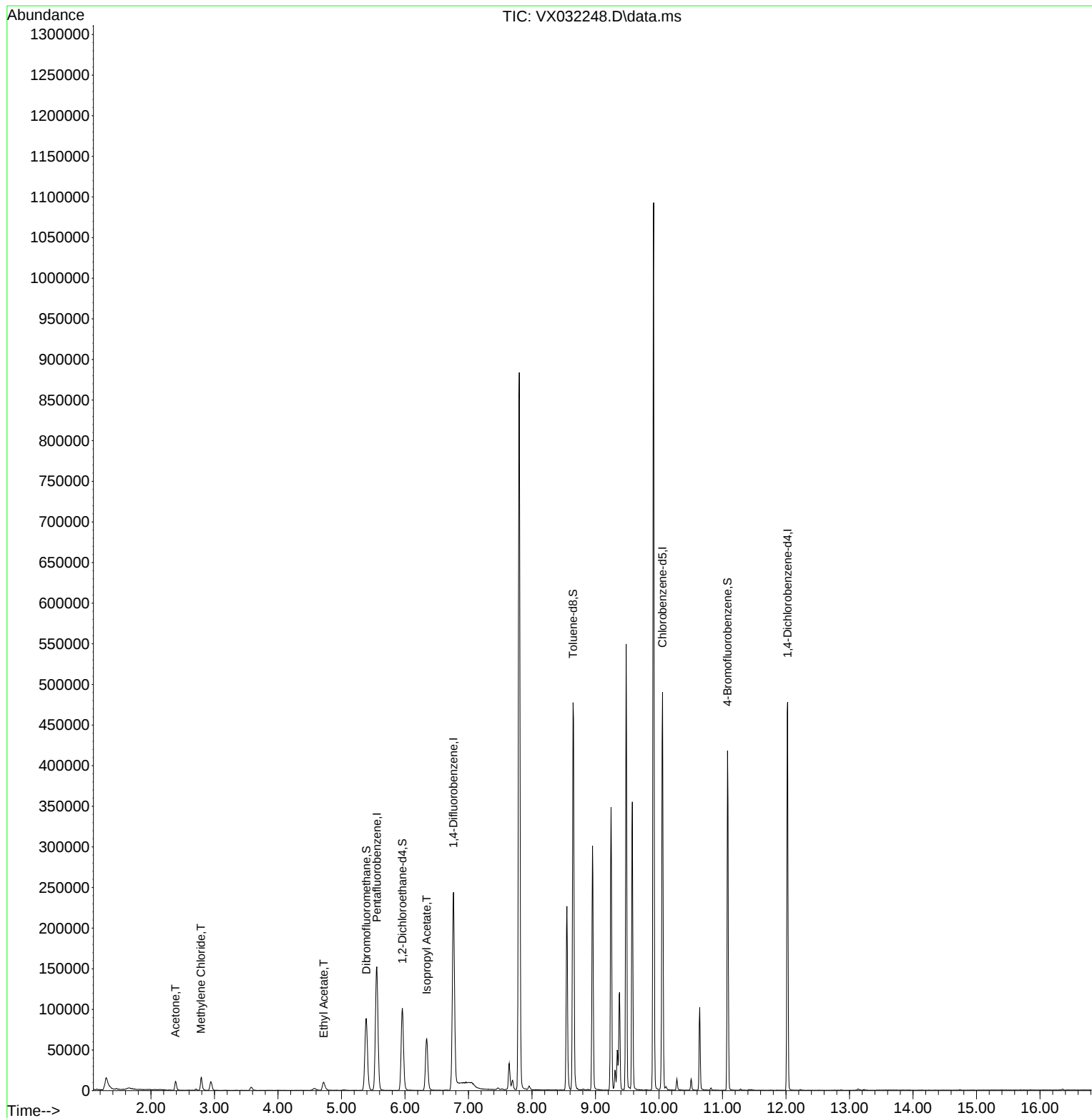
Internal Standards						
1) Pentafluorobenzene	5.556	168	141878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101299	54.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.760%
35) Dibromofluoromethane	5.391	113	76402	46.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	8.647	98	282330	48.070	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.140%
62) 4-Bromofluorobenzene	11.079	95	104294	48.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.980%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	14292	23.861	ug/l	92
20) Methylene Chloride	2.788	84	7751	5.040	ug/l #	93
37) Ethyl Acetate	4.721	43	18776	9.137	ug/l	98
43) Isopropyl Acetate	6.342	43	88486	27.434	ug/l	99

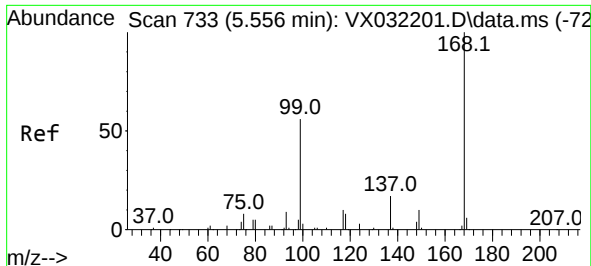
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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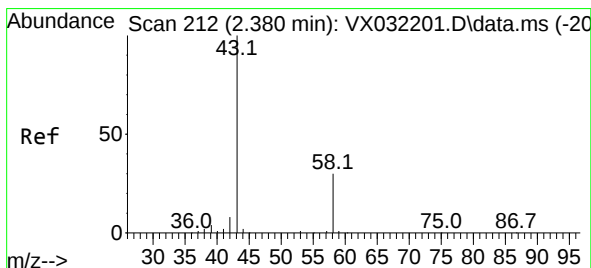
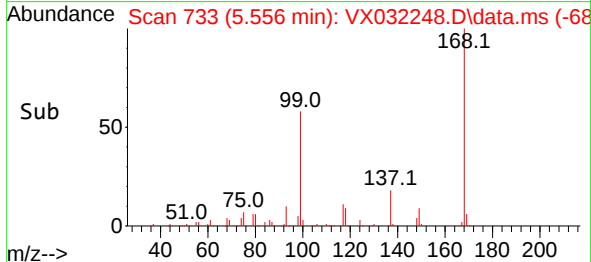
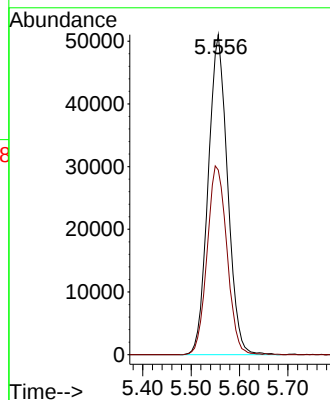
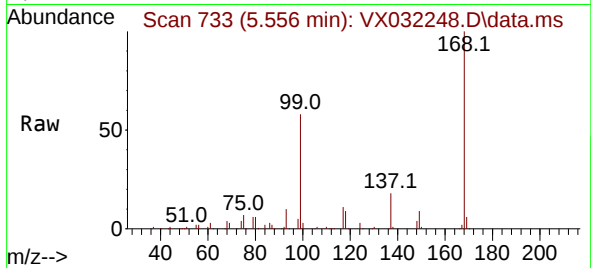




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032248.D
Acq: 20 Oct 2022 07:37

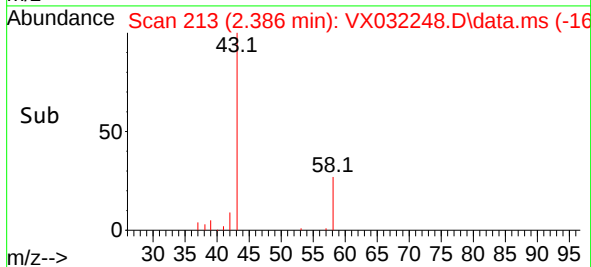
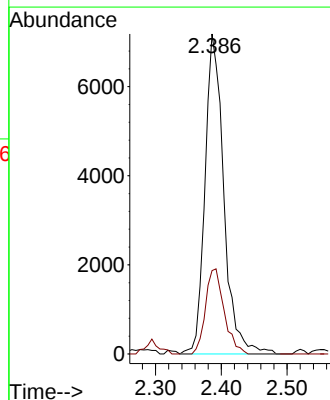
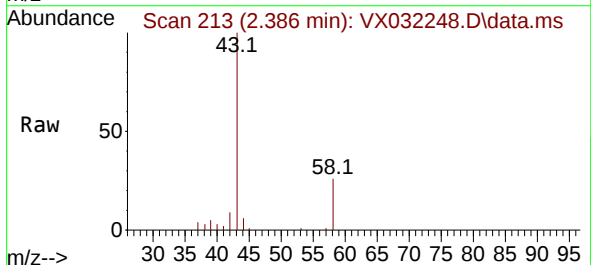
Instrument :
MSVOA_X
ClientSampleId :
PB148361ZHE#14

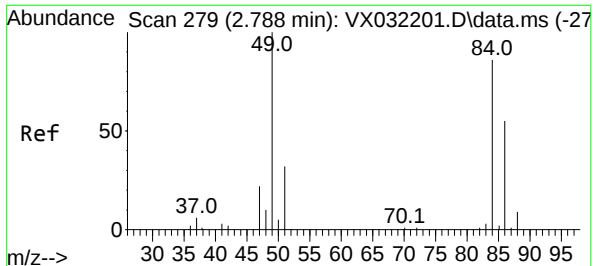
Tgt Ion:168 Resp: 141878
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2



#16
Acetone
Concen: 23.861 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032248.D
Acq: 20 Oct 2022 07:37

Tgt Ion: 43 Resp: 14292
Ion Ratio Lower Upper
43 100
58 26.0 24.2 36.2

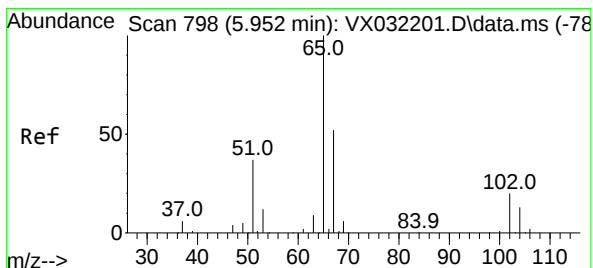
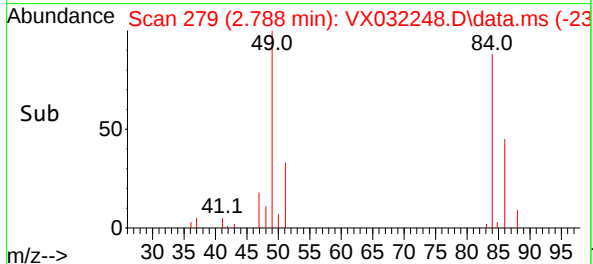
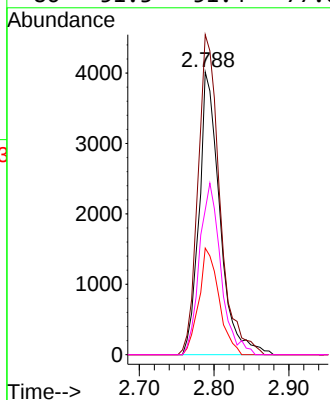
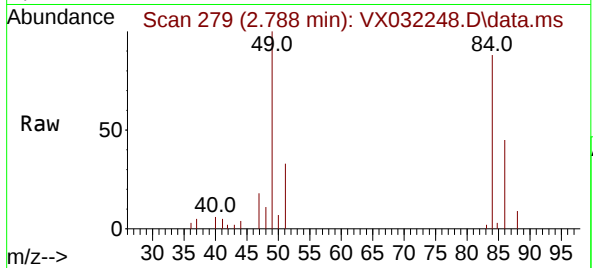




#20
Methylene Chloride
Concen: 5.040 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032248.D
Acq: 20 Oct 2022 07:37

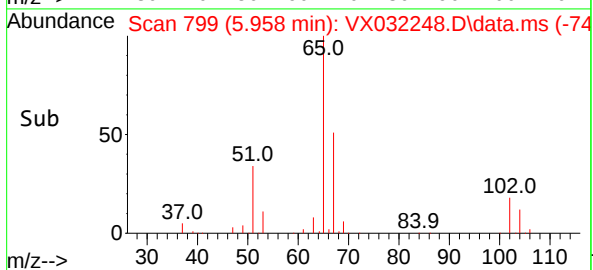
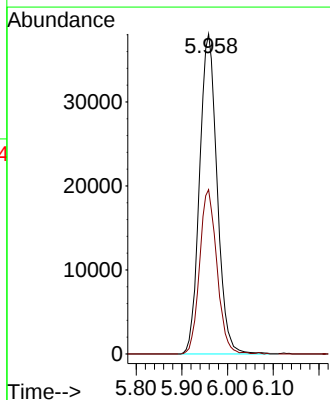
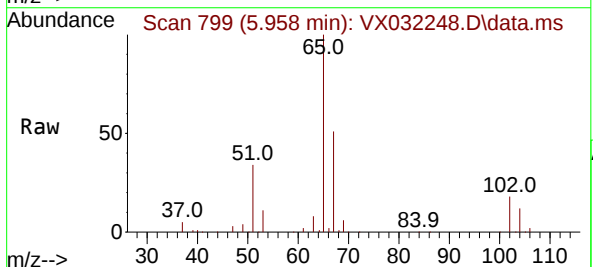
Instrument :
MSVOA_X
ClientSampleId :
PB148361ZHE#14

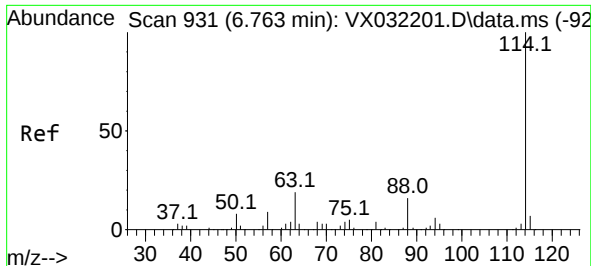
Tgt Ion:	84	Resp:	7751
Ion	Ratio	Lower	Upper
84	100		
49	113.2	92.6	139.0
51	37.7	29.2	43.8
86	51.3	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 54.884 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032248.D
Acq: 20 Oct 2022 07:37

Tgt Ion:	65	Resp:	101299
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.6

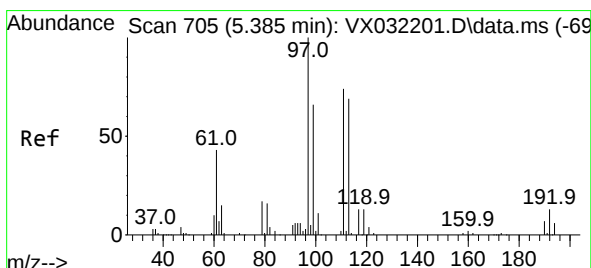
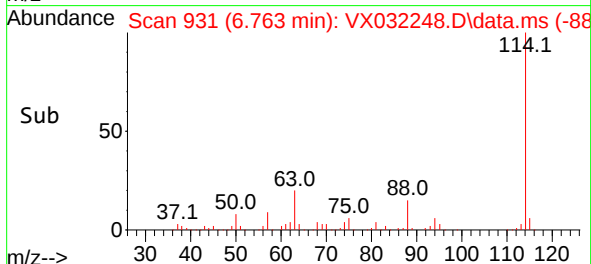
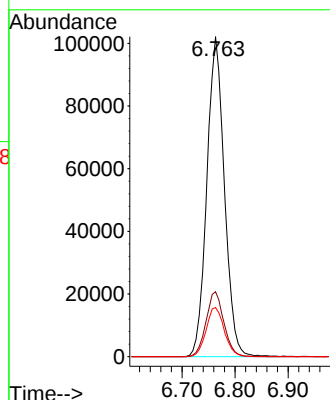
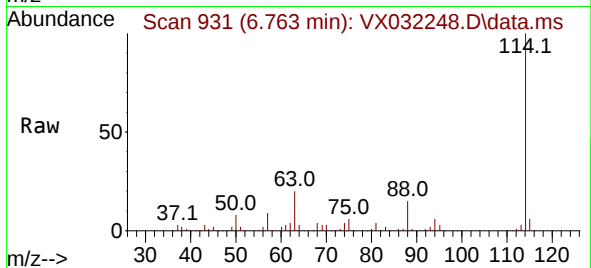




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032248.D
Acq: 20 Oct 2022 07:37

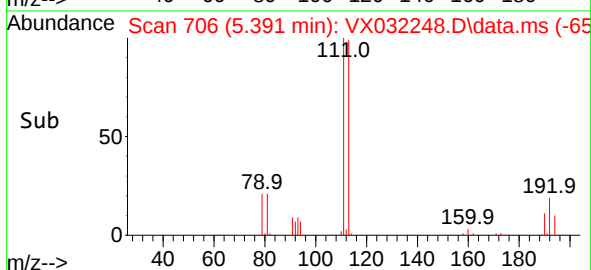
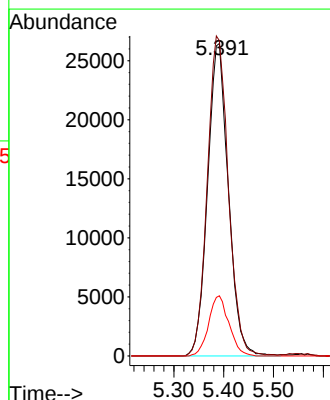
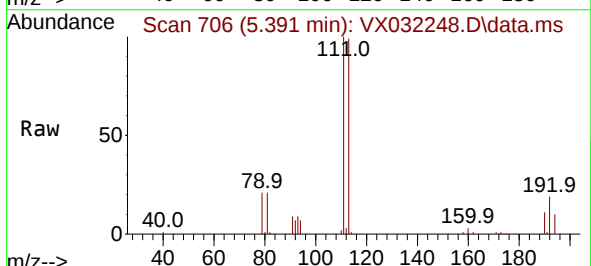
Instrument :
MSVOA_X
ClientSampleId :
PB148361ZHE#14

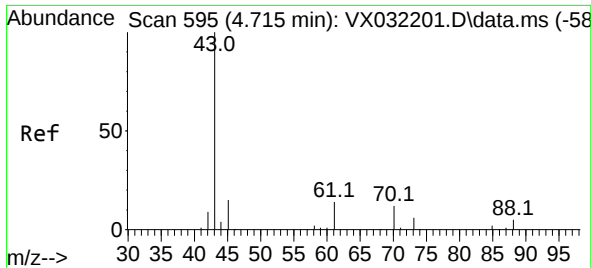
Tgt Ion:114 Resp: 234474
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.826 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032248.D
Acq: 20 Oct 2022 07:37

Tgt Ion:113 Resp: 76402
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 18.8 15.5 23.3





#37

Ethyl Acetate

Concen: 9.137 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX032248.D

Acq: 20 Oct 2022 07:37

Instrument :

MSVOA_X

ClientSampleId :

PB148361ZHE#14

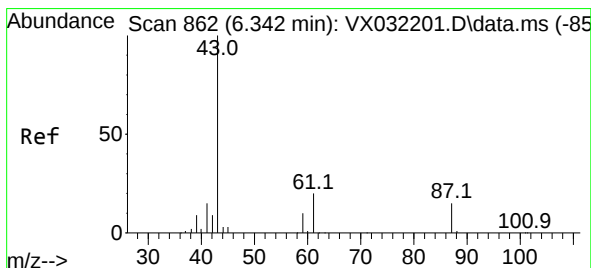
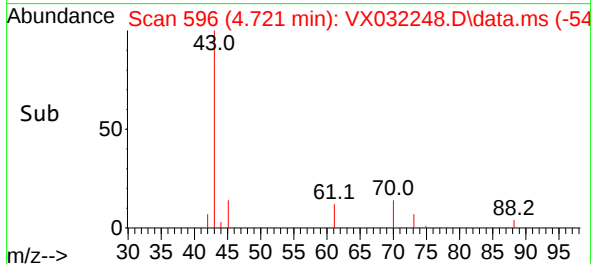
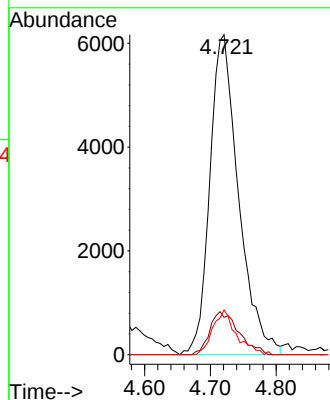
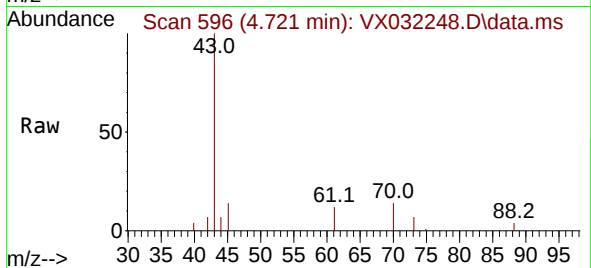
Tgt Ion: 43 Resp: 18776

Ion Ratio Lower Upper

43 100

61 13.5 11.4 17.2

70 11.5 8.8 13.2



#43

Isopropyl Acetate

Concen: 27.434 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032248.D

Acq: 20 Oct 2022 07:37

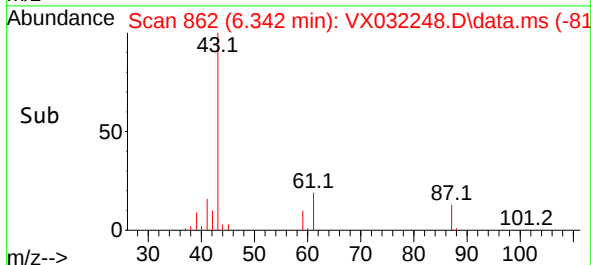
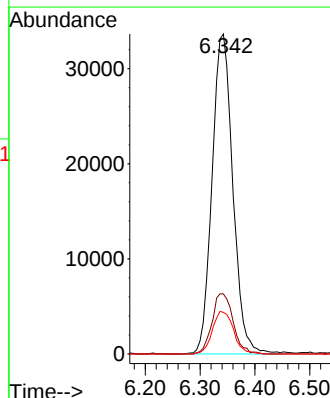
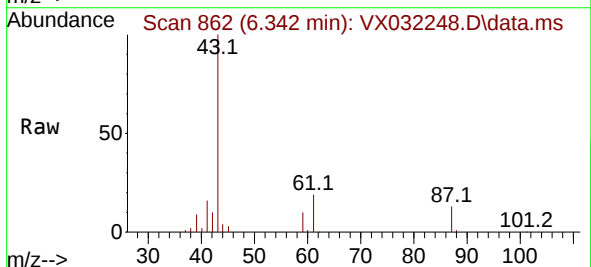
Tgt Ion: 43 Resp: 88486

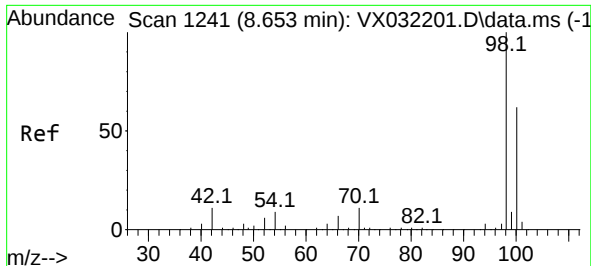
Ion Ratio Lower Upper

43 100

61 19.1 15.5 23.3

87 13.5 11.0 16.6

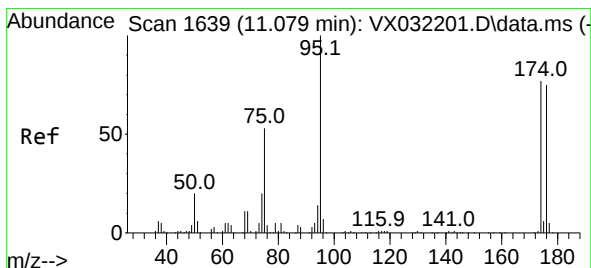
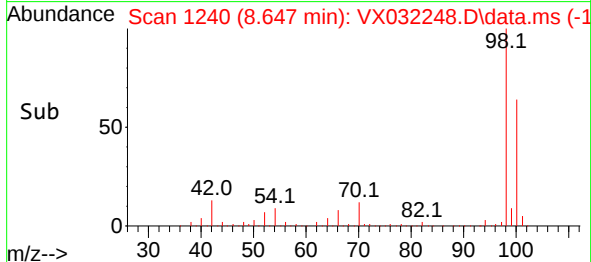
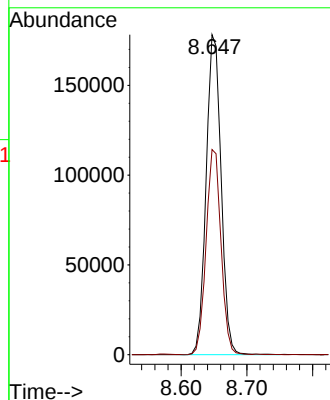
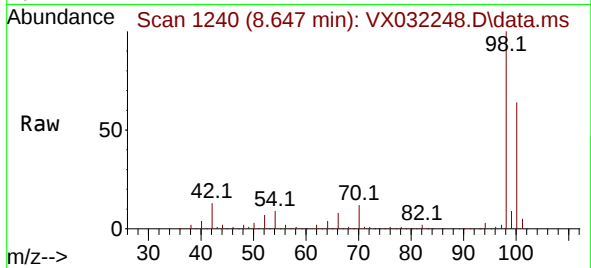




#50
Toluene-d8
Concen: 48.070 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032248.D
Acq: 20 Oct 2022 07:37

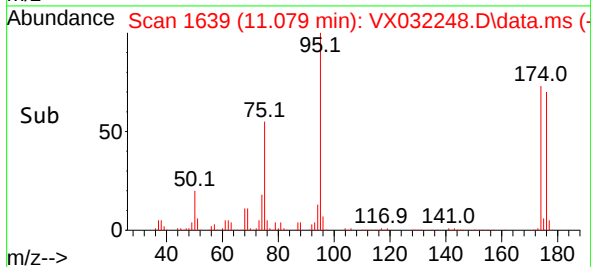
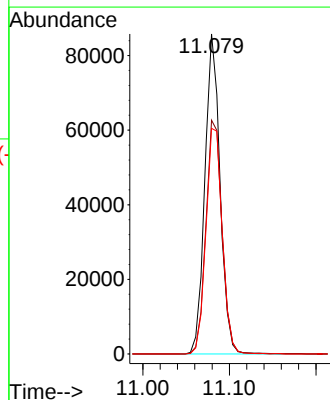
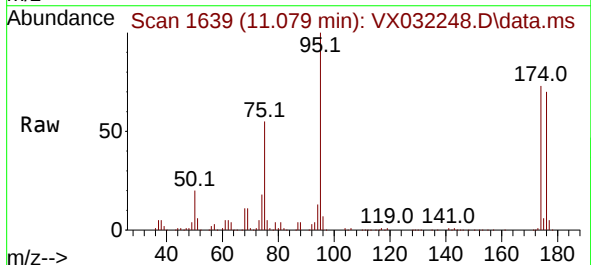
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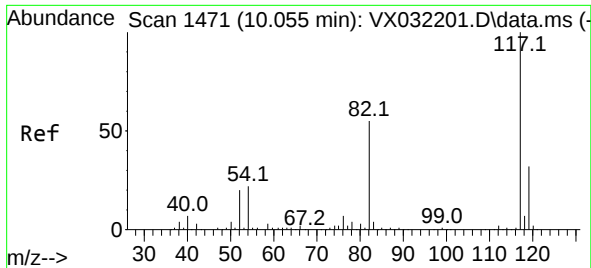
Tgt Ion: 98 Resp: 282330
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 48.492 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032248.D
Acq: 20 Oct 2022 07:37

Tgt Ion: 95 Resp: 104294
Ion Ratio Lower Upper
95 100
174 78.0 0.0 166.8
176 76.0 0.0 161.4

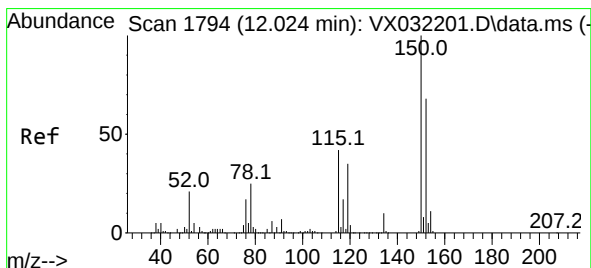
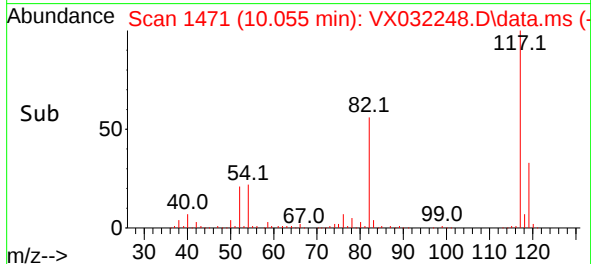
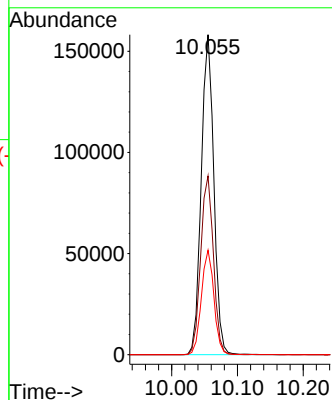
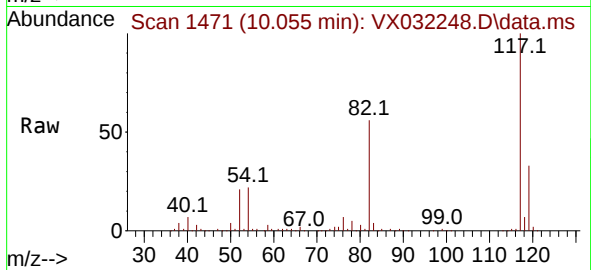




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032248.D
Acq: 20 Oct 2022 07:37

Instrument :
MSVOA_X
ClientSampleId :
PB148361ZHE#14

Tgt Ion:117 Resp: 210205
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.4
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032248.D
Acq: 20 Oct 2022 07:37

Tgt Ion:152 Resp: 97218
Ion Ratio Lower Upper
152 100
115 61.9 43.1 129.4
150 158.7 0.0 348.6

