

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039477.D
 Acq On : 26 Dec 2023 18:52
 Operator : JC/MD
 Sample : PB158014ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014ZHE#03

Quant Time: Dec 27 04:42:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

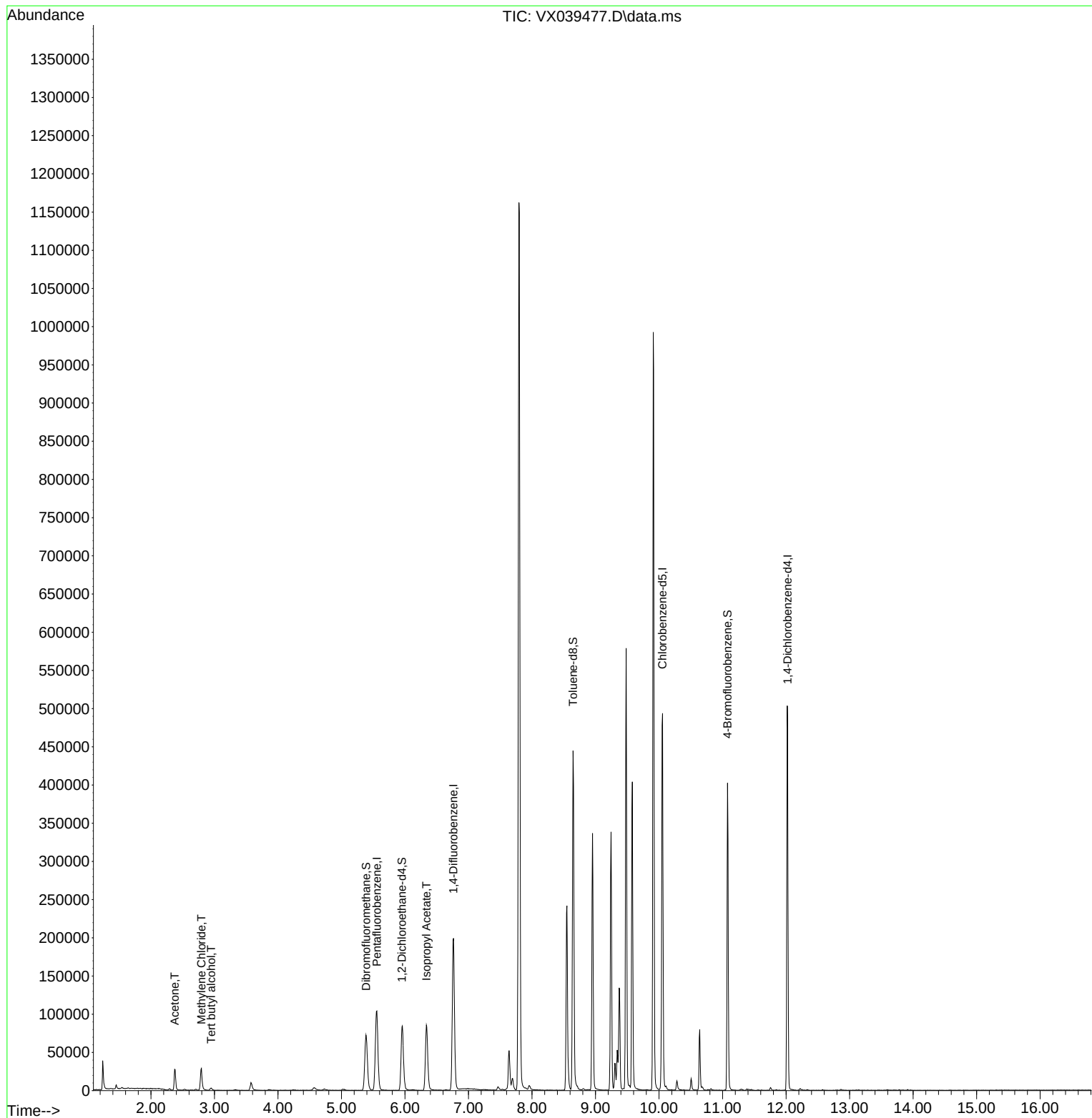
Internal Standards						
1) Pentafluorobenzene	5.556	168	88639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81941	50.462	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.920%
35) Dibromofluoromethane	5.385	113	64268	48.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	8.647	98	255659	51.520	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.040%
62) 4-Bromofluorobenzene	11.079	95	108881	53.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2313	5.672	ug/l	# 87
16) Acetone	2.373	43	29855	9.150	ug/l	91
20) Methylene Chloride	2.794	84	13082	9.664	ug/l	97
43) Isopropyl Acetate	6.336	43	119561	28.214	ug/l	100

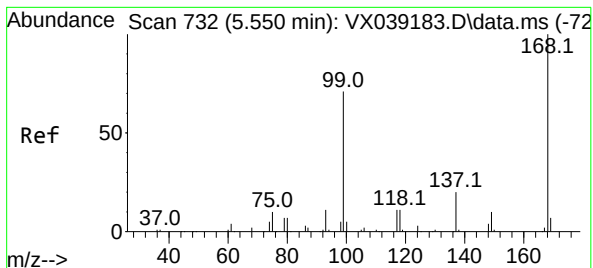
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

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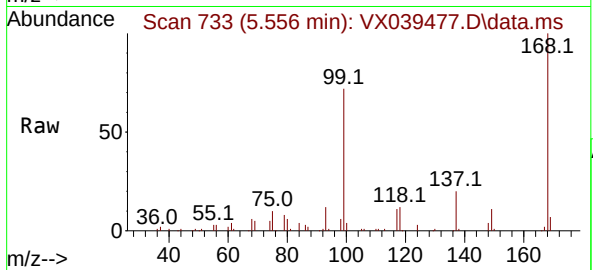
Acq: 26 Dec 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#03

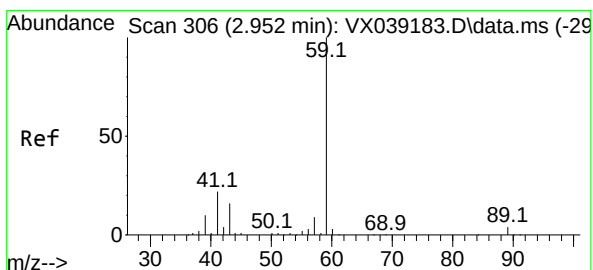
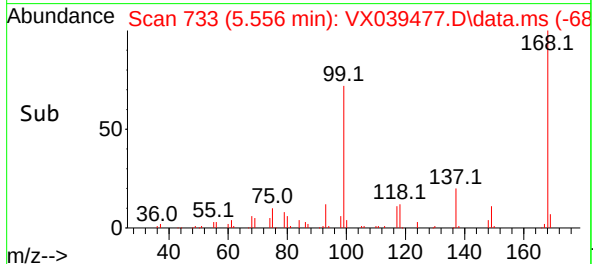
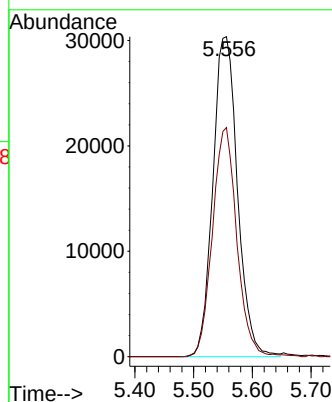


Tgt Ion:168 Resp: 88639

Ion Ratio Lower Upper

168 100

99 71.6 56.6 85.0



#11

Tert butyl alcohol

Concen: 5.672 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX039477.D

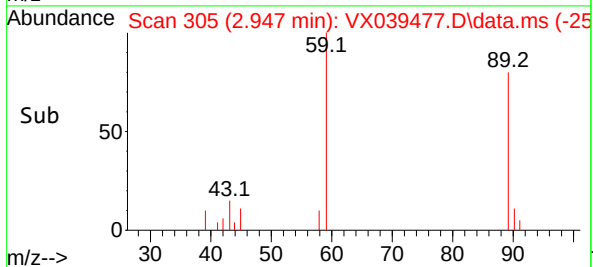
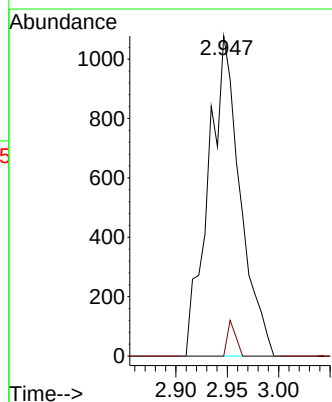
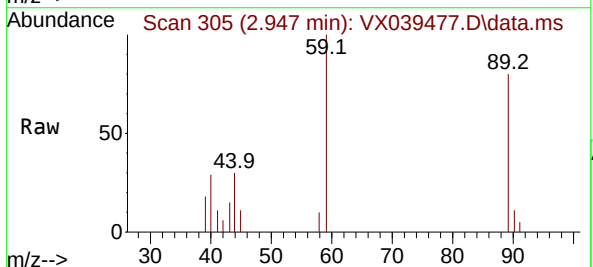
Acq: 26 Dec 2023 18:52

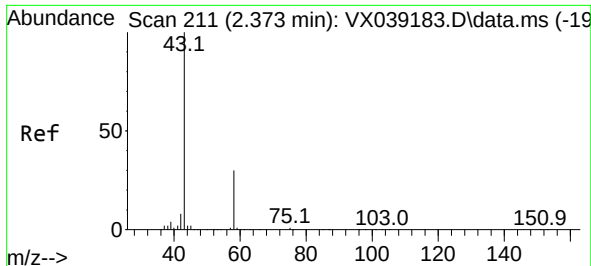
Tgt Ion: 59 Resp: 2313

Ion Ratio Lower Upper

59 100

57 2.9 6.0 9.0#

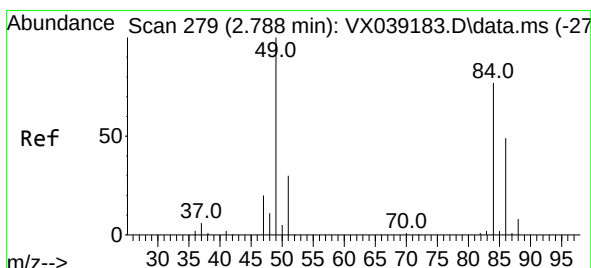
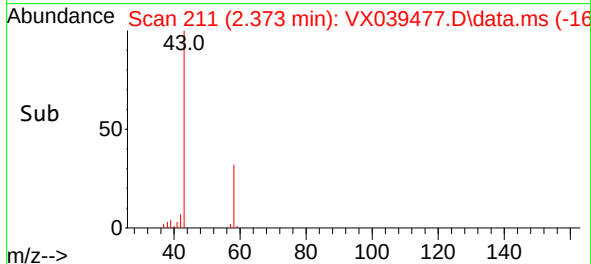
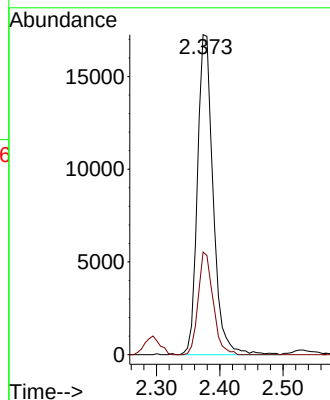
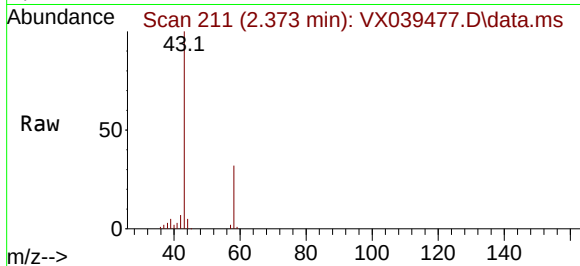




#16
Acetone
Concen: 9.150 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039477.D
Acq: 26 Dec 2023 18:52

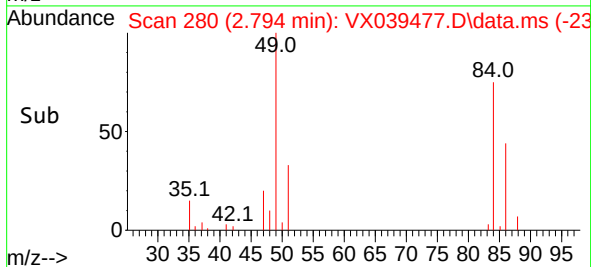
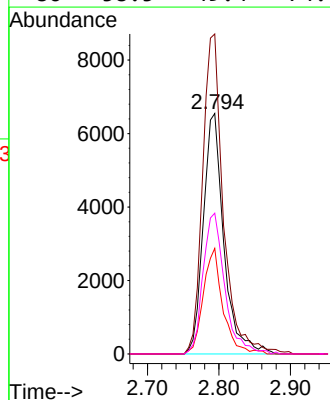
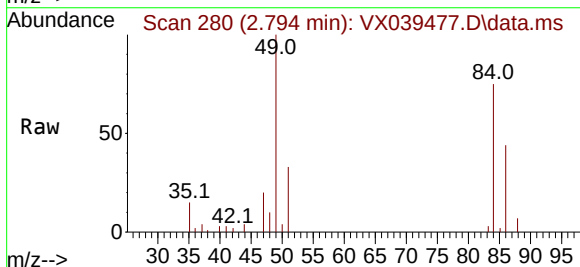
Instrument :
MSVOA_X
ClientSampleId :
PB158014ZHE#03

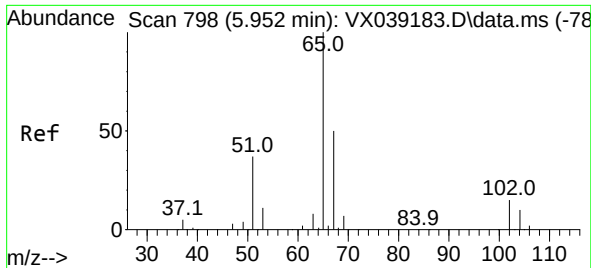
Tgt Ion: 43 Resp: 29855
Ion Ratio Lower Upper
43 100
58 32.0 21.9 32.9



#20
Methylene Chloride
Concen: 9.664 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039477.D
Acq: 26 Dec 2023 18:52

Tgt Ion: 84 Resp: 13082
Ion Ratio Lower Upper
84 100
49 133.1 103.6 155.4
51 43.9 33.8 50.6
86 58.5 49.4 74.0

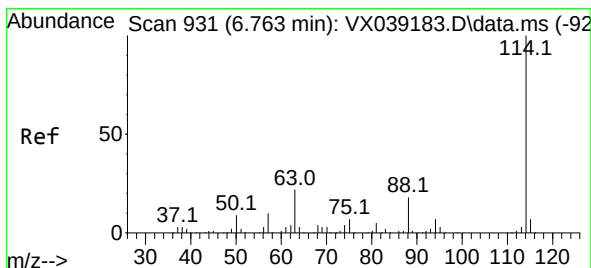
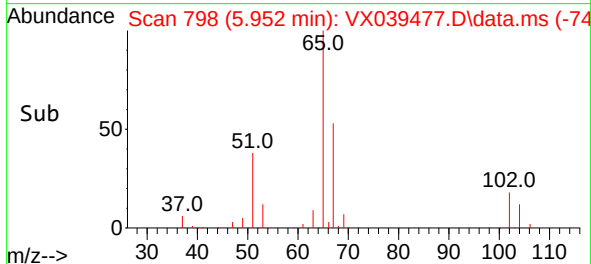
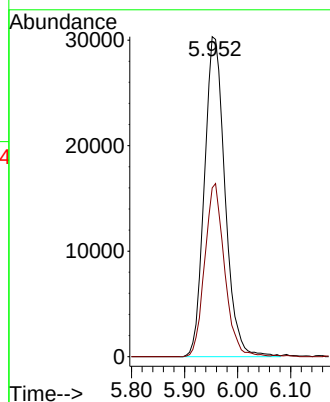
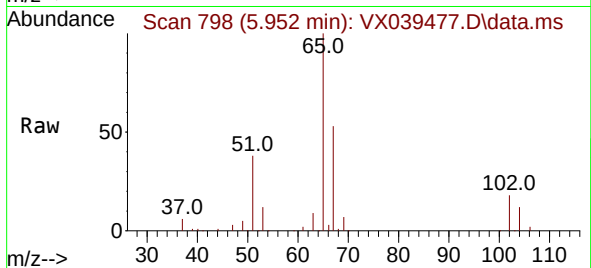




#33
 1,2-Dichloroethane-d4
 Concen: 50.462 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039477.D
 Acq: 26 Dec 2023 18:52

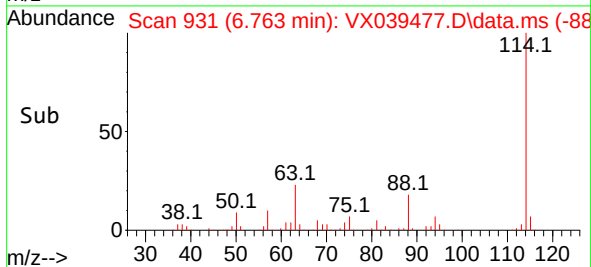
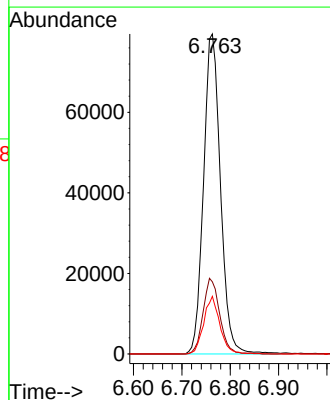
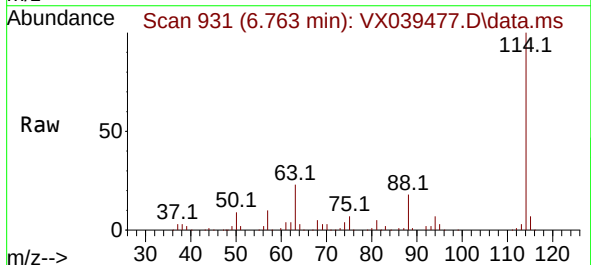
Instrument :
 MSVOA_X
 ClientSampleId :
 PB158014ZHE#03

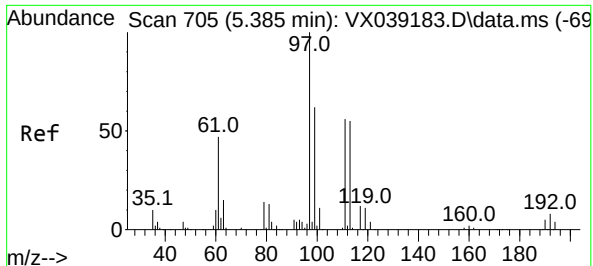
Tgt Ion: 65 Resp: 81941
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX039477.D
 Acq: 26 Dec 2023 18:52

Tgt Ion: 114 Resp: 193480
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 18.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.081 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039477.D

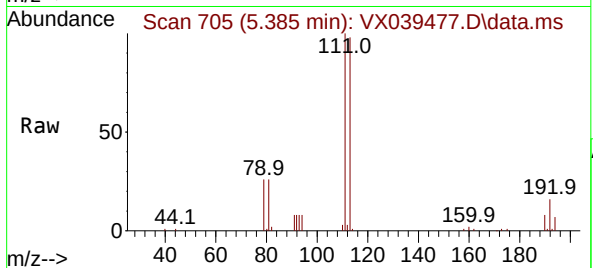
Acq: 26 Dec 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

PB158014ZHE#03



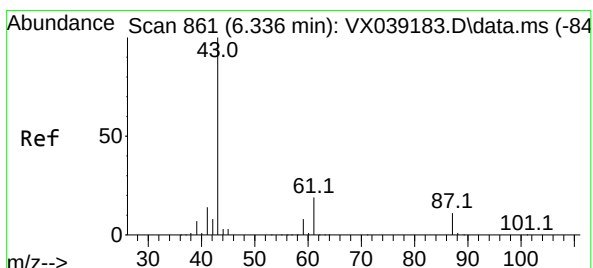
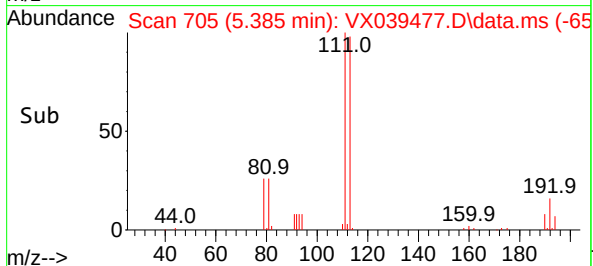
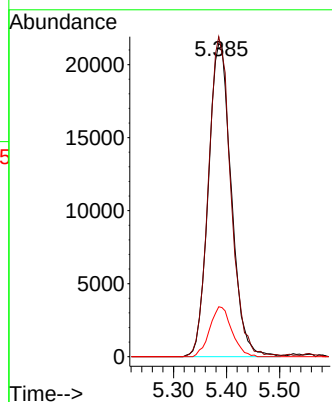
Tgt Ion:113 Resp: 64268

Ion Ratio Lower Upper

113 100

111 100.3 82.9 124.3

192 15.4 13.3 19.9



#43

Isopropyl Acetate

Concen: 28.214 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039477.D

Acq: 26 Dec 2023 18:52

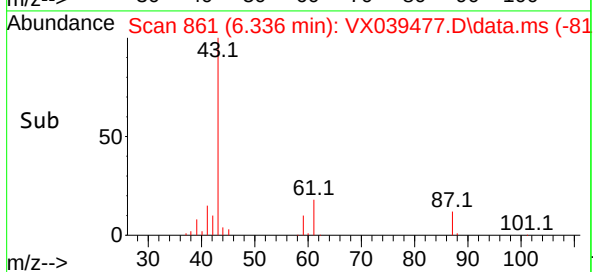
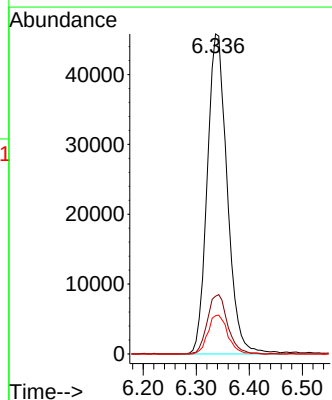
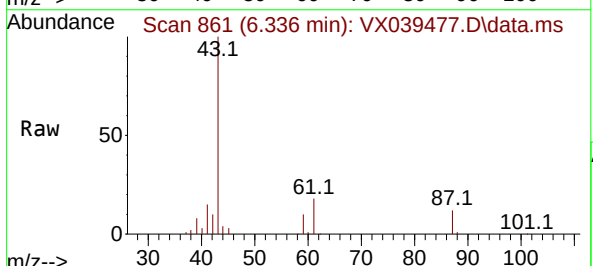
Tgt Ion: 43 Resp: 119561

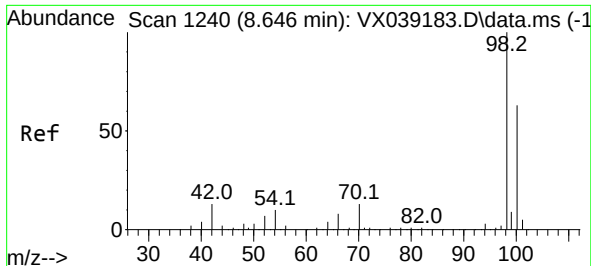
Ion Ratio Lower Upper

43 100

61 18.8 15.2 22.8

87 12.0 9.8 14.6

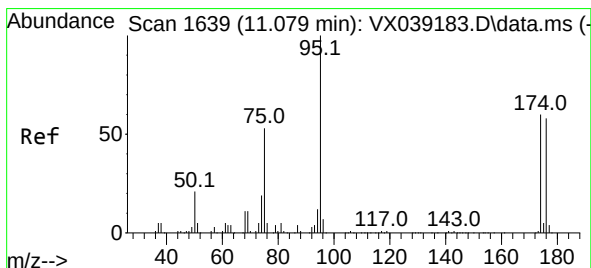
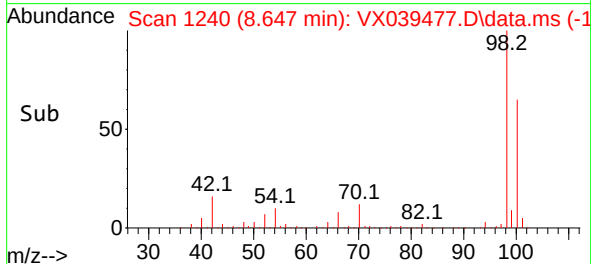
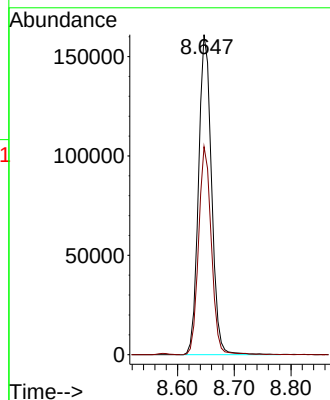
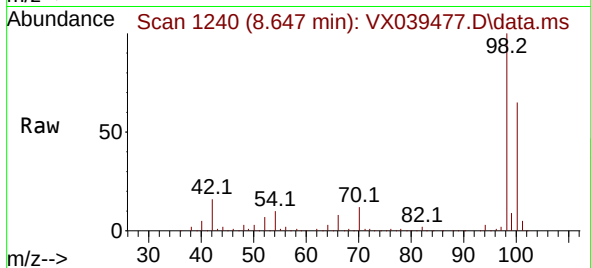




#50
Toluene-d8
Concen: 51.520 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039477.D
Acq: 26 Dec 2023 18:52

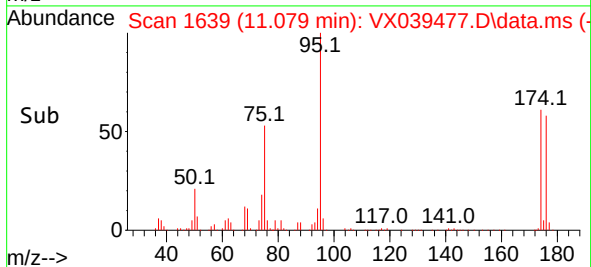
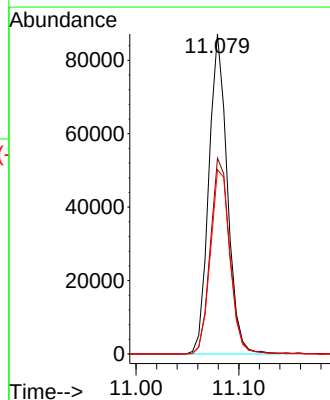
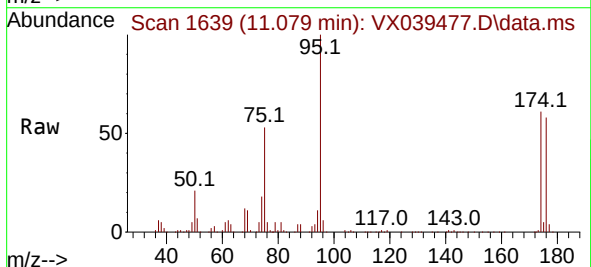
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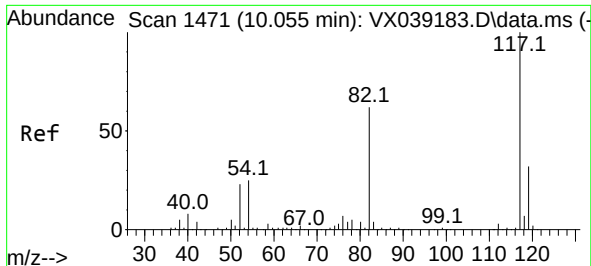
Tgt Ion: 98 Resp: 255659
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039477.D
Acq: 26 Dec 2023 18:52

Tgt Ion: 95 Resp: 108881
Ion Ratio Lower Upper
95 100
174 64.1 0.0 135.6
176 61.2 0.0 131.0

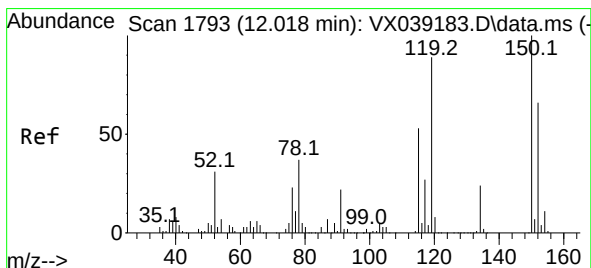
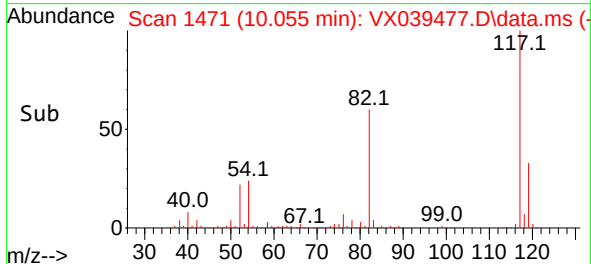
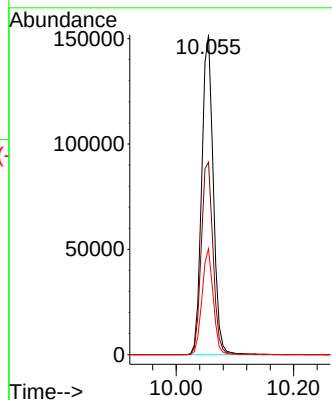
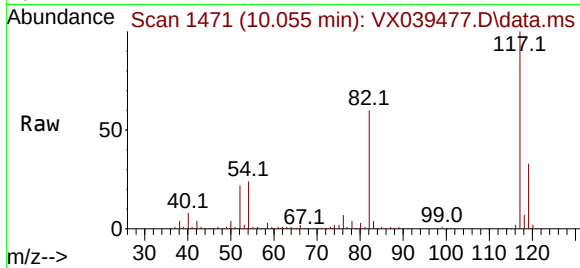




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039477.D
Acq: 26 Dec 2023 18:52

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 206549
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039477.D
Acq: 26 Dec 2023 18:52

Tgt Ion:152 Resp: 96636
Ion Ratio Lower Upper
152 100
115 67.3 43.3 129.9
150 155.9 0.0 345.0

