

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091222\
 Data File : VX031279.D
 Acq On : 12 Sep 2022 16:29
 Operator : JC/MD
 Sample : N4528-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PIT-12

Quant Time: Sep 13 01:36:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

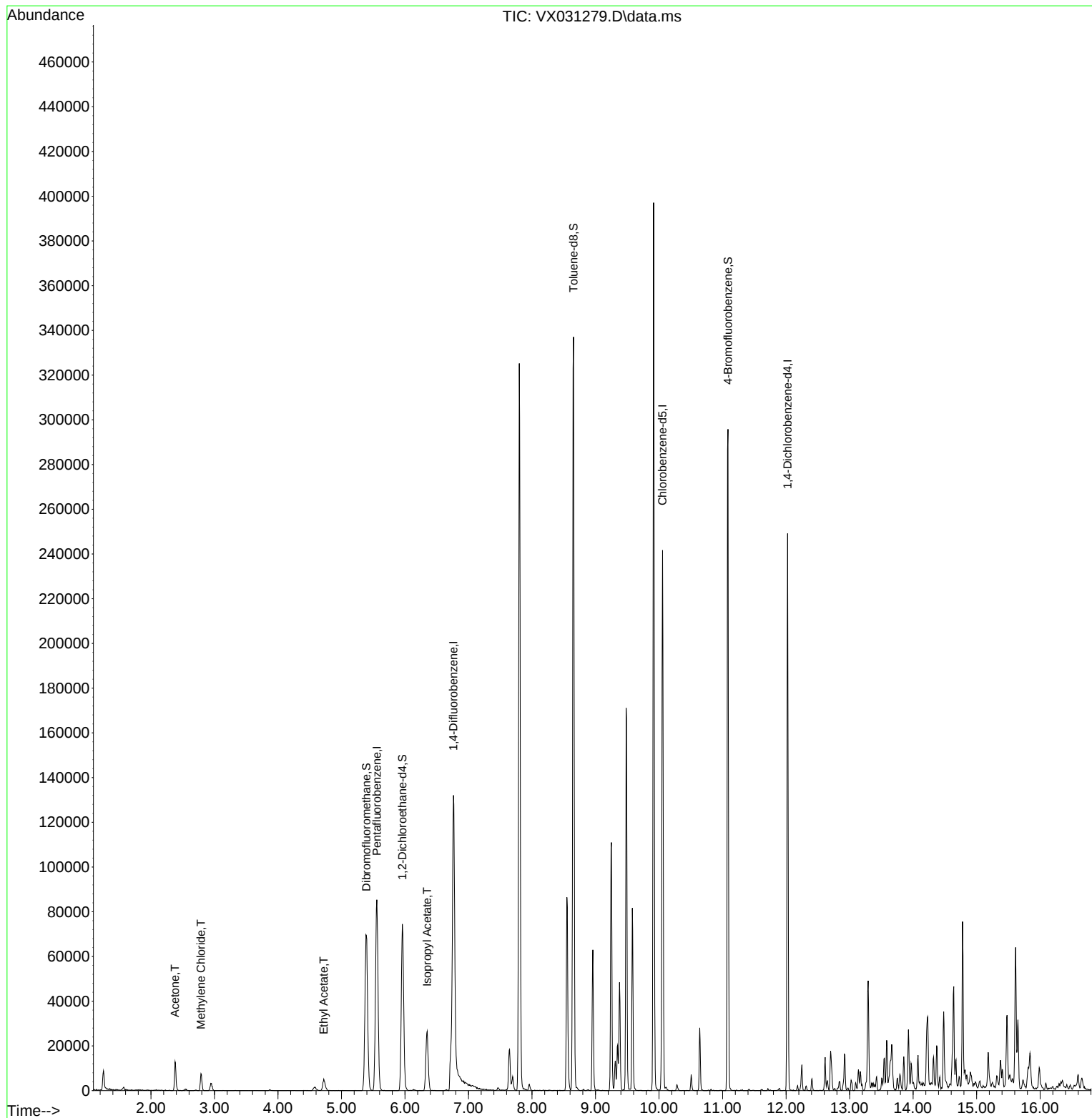
Internal Standards						
1) Pentafluorobenzene	5.556	168	74661	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	118573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85742	48.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.020%
35) Dibromofluoromethane	5.391	113	60557	46.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.740%
50) Toluene-d8	8.653	98	201791	42.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.960%#
62) 4-Bromofluorobenzene	11.085	95	78555	45.661	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.320%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	13391	21.879	ug/l	92
20) Methylene Chloride	2.788	84	3999	2.780	ug/l	87
37) Ethyl Acetate	4.721	43	7850	4.573	ug/l #	92
43) Isopropyl Acetate	6.348	43	34381	12.703	ug/l #	94

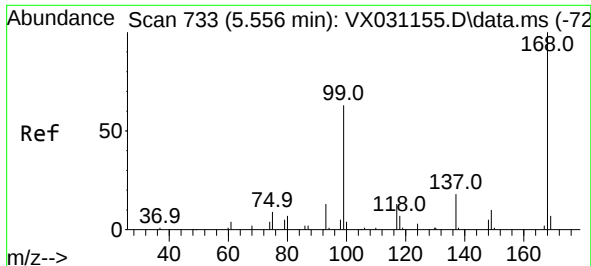
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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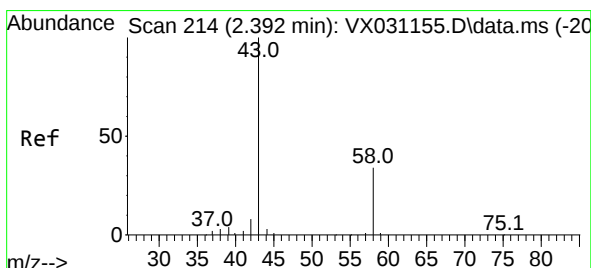
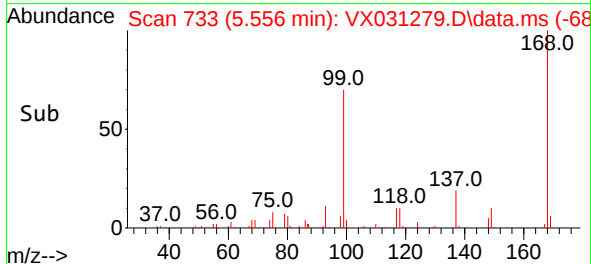
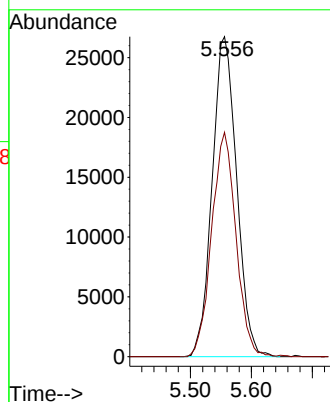
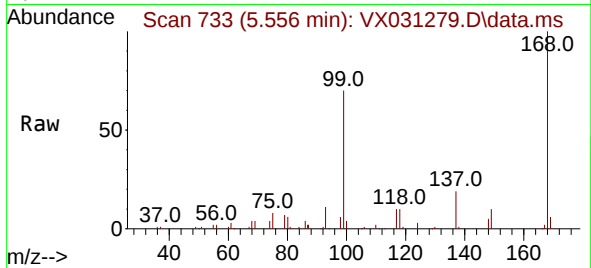




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031279.D
Acq: 12 Sep 2022 16:29

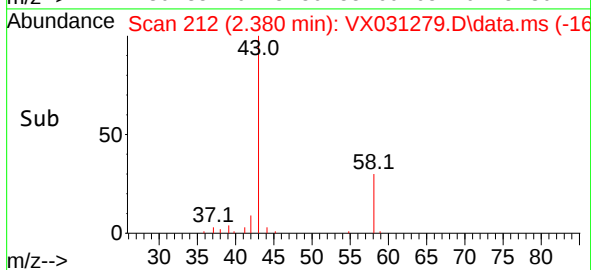
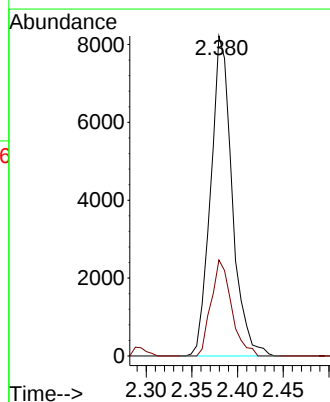
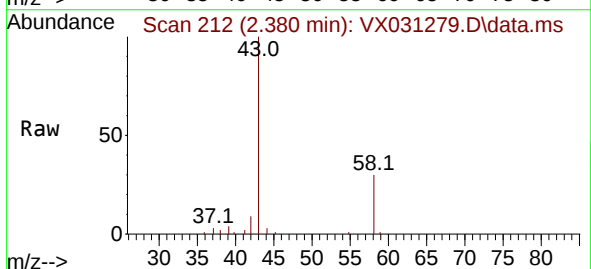
Instrument :
MSVOA_X
ClientSampleId :
PIT-12

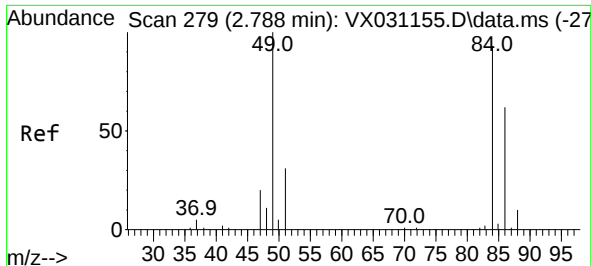
Tgt Ion:168 Resp: 74661
Ion Ratio Lower Upper
168 100
99 70.1 44.0 66.0#



#16
Acetone
Concen: 21.879 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX031279.D
Acq: 12 Sep 2022 16:29

Tgt Ion: 43 Resp: 13391
Ion Ratio Lower Upper
43 100
58 30.0 27.7 41.5

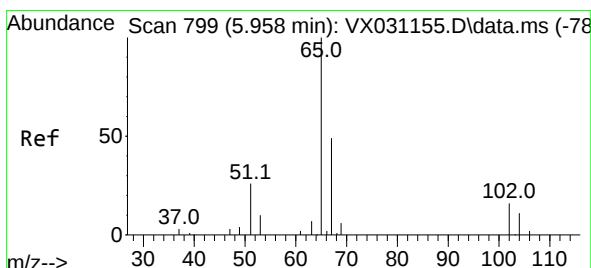
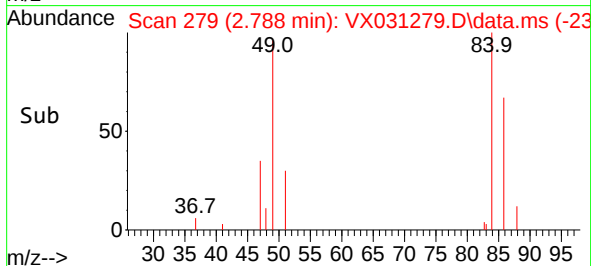
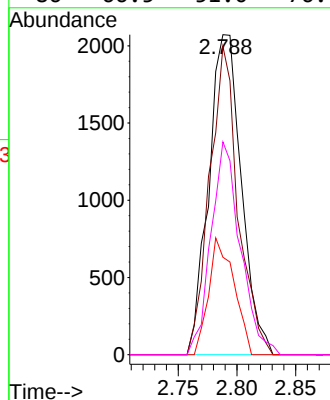
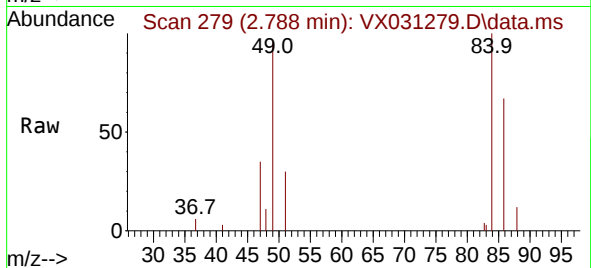




#20
Methylene Chloride
Concen: 2.780 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031279.D
Acq: 12 Sep 2022 16:29

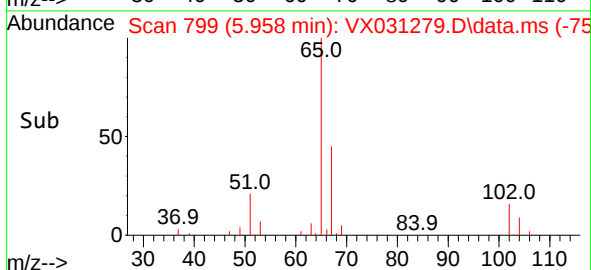
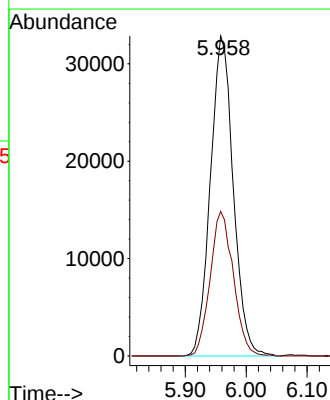
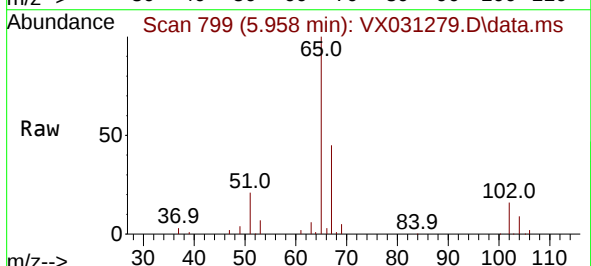
Instrument :
MSVOA_X
ClientSampleId :
PIT-12

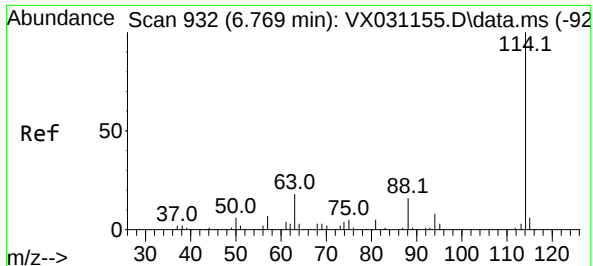
Tgt Ion: 84	Resp: 3999
Ion Ratio	Lower Upper
84 100	
49 96.3	93.8 140.6
51 30.5	29.4 44.0
86 66.5	51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 48.507 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031279.D
Acq: 12 Sep 2022 16:29

Tgt Ion: 65	Resp: 85742
Ion Ratio	Lower Upper
65 100	
67 45.7	0.0 109.6

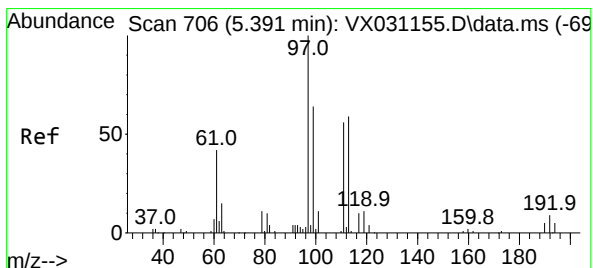
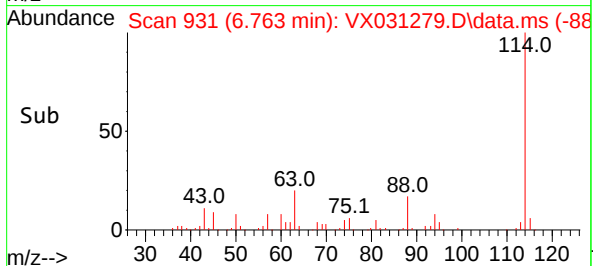
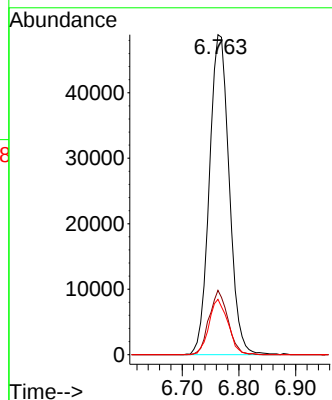
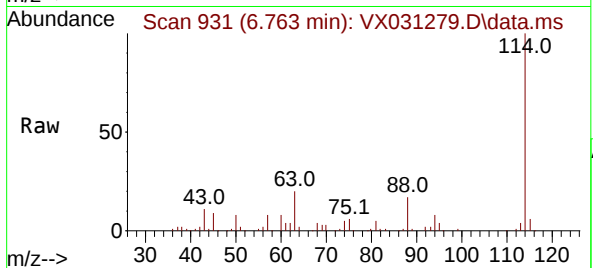




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031279.D
Acq: 12 Sep 2022 16:29

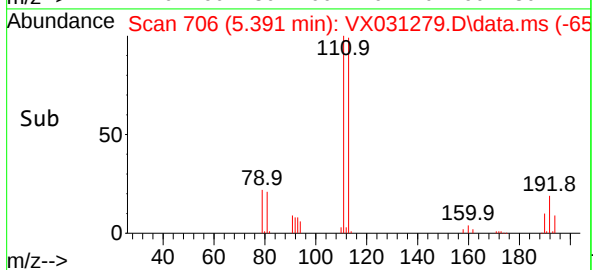
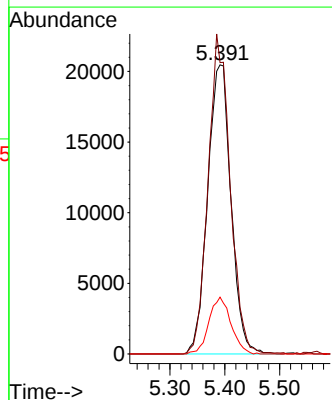
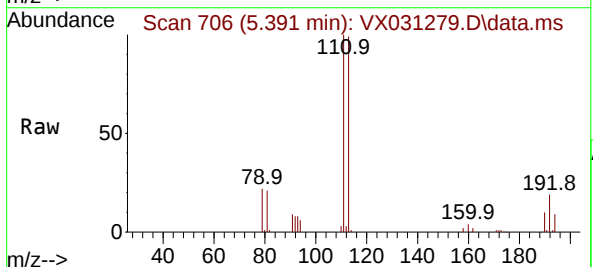
Instrument :
MSVOA_X
ClientSampleId :
PIT-12

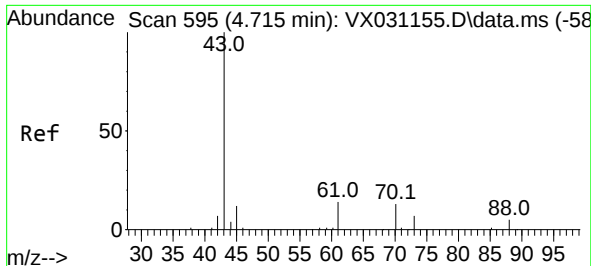
Tgt Ion:114 Resp: 118573
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.4
88 17.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.866 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031279.D
Acq: 12 Sep 2022 16:29

Tgt Ion:113 Resp: 60557
Ion Ratio Lower Upper
113 100
111 104.1 83.2 124.8
192 18.6 14.8 22.2





#37

Ethyl Acetate

Concen: 4.573 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX031279.D

Acq: 12 Sep 2022 16:29

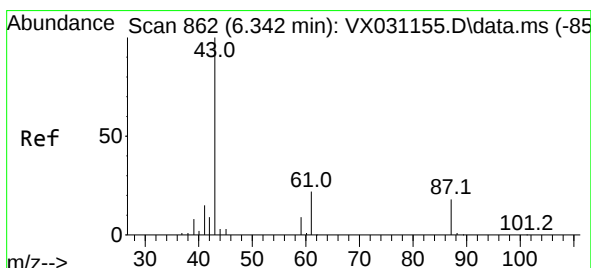
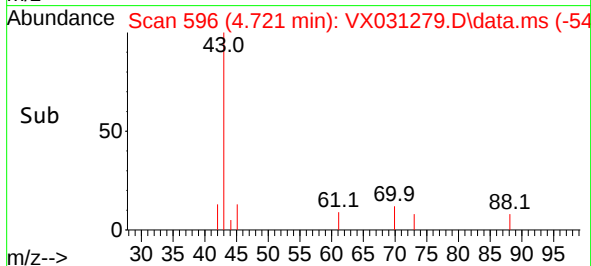
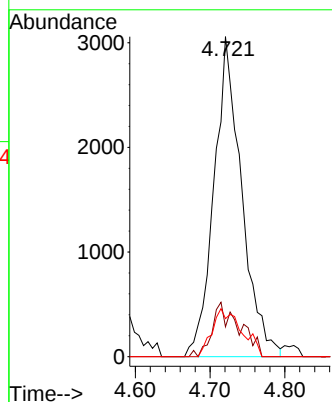
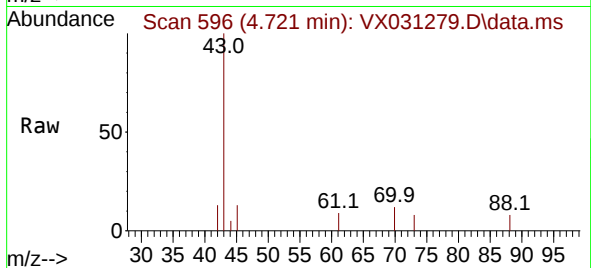
Instrument :

MSVOA_X

ClientSampleId :

PIT-12

Tgt Ion: 43	Resp: 7850
Ion Ratio	Lower Upper
43 100	
61 16.8	11.7 17.5
70 15.9	9.3 13.9#



#43

Isopropyl Acetate

Concen: 12.703 ug/l

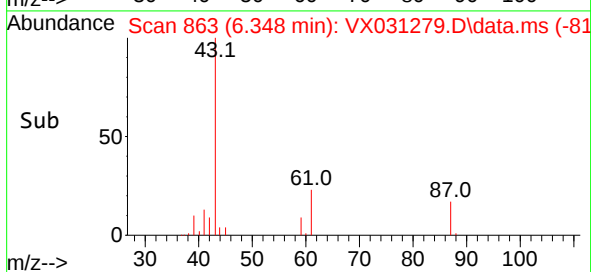
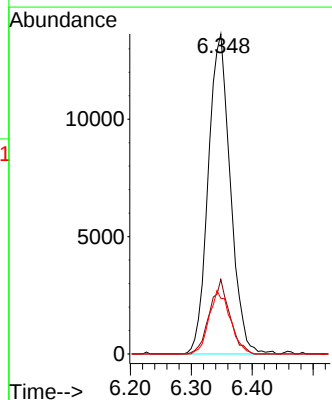
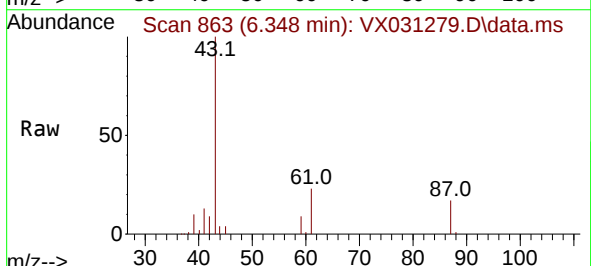
RT: 6.348 min Scan# 863

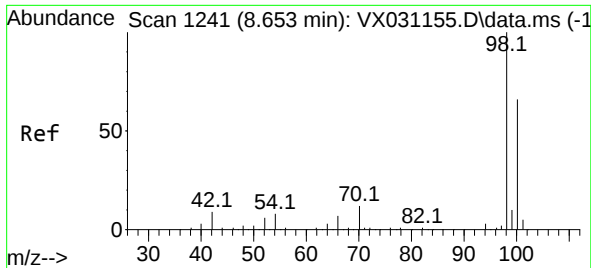
Delta R.T. 0.006 min

Lab File: VX031279.D

Acq: 12 Sep 2022 16:29

Tgt Ion: 43	Resp: 34381
Ion Ratio	Lower Upper
43 100	
61 21.1	16.5 24.7
87 18.9	11.1 16.7#

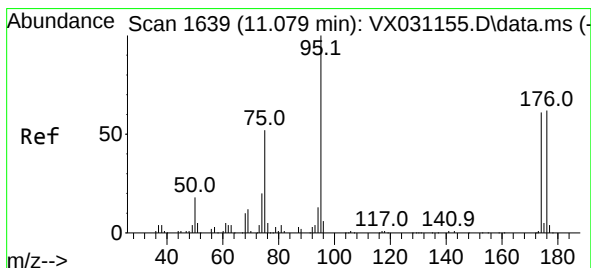
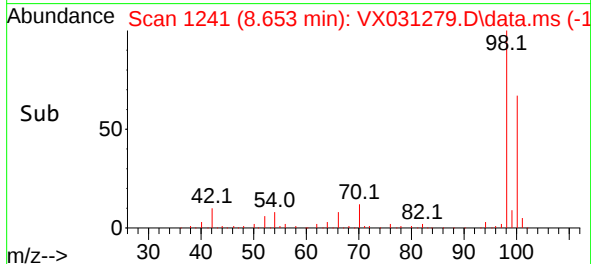
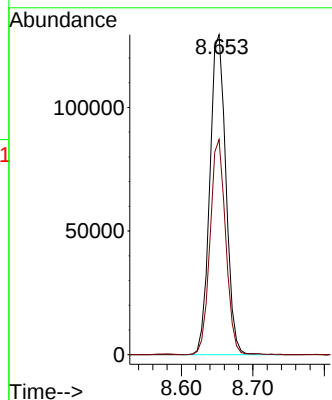
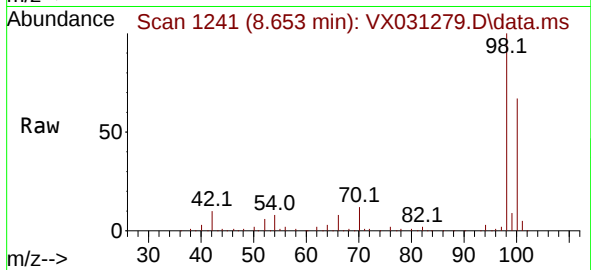




#50
Toluene-d8
Concen: 42.984 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031279.D
Acq: 12 Sep 2022 16:29

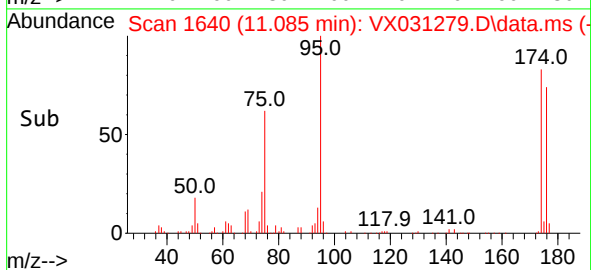
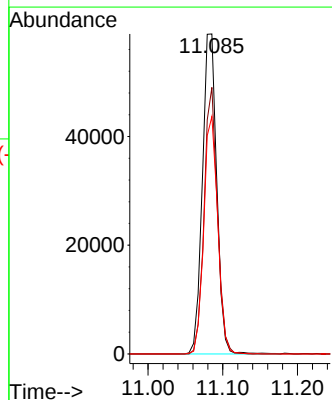
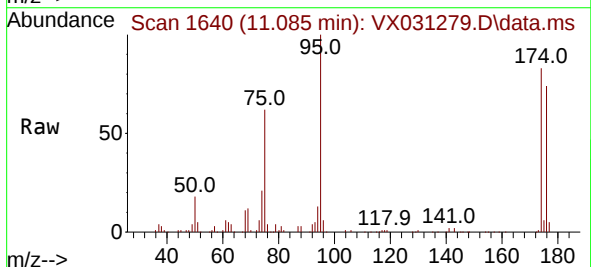
Instrument :
MSVOA_X
ClientSampleId :
PIT-12

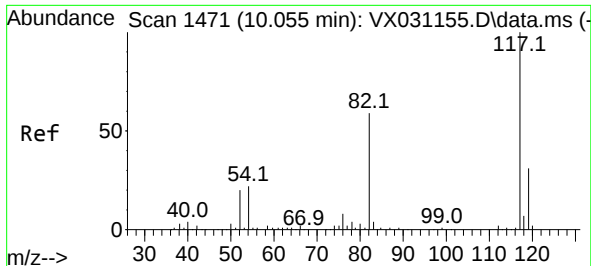
Tgt Ion: 98 Resp: 201791
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.661 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031279.D
Acq: 12 Sep 2022 16:29

Tgt Ion: 95 Resp: 78555
Ion Ratio Lower Upper
95 100
174 76.8 0.0 149.0
176 72.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031279.D

Acq: 12 Sep 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

PIT-12

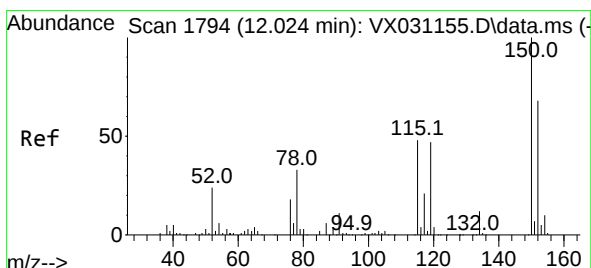
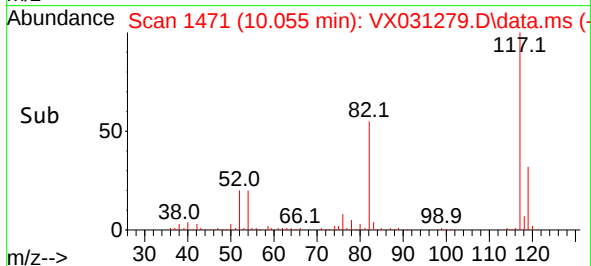
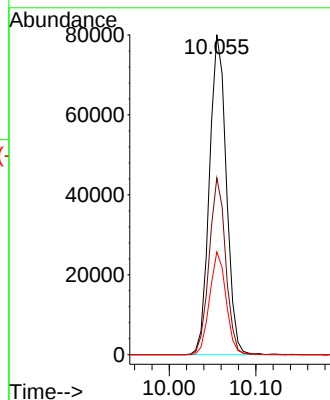
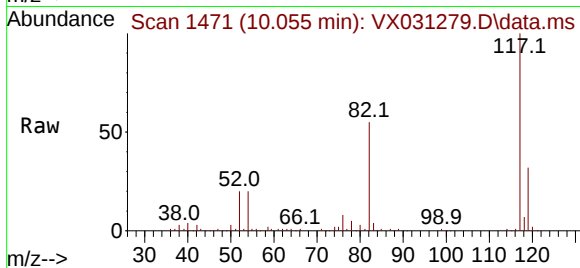
Tgt Ion:117 Resp: 108232

Ion Ratio Lower Upper

117 100

82 55.3 42.7 64.1

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX031279.D

Acq: 12 Sep 2022 16:29

Tgt Ion:152 Resp: 48580

Ion Ratio Lower Upper

152 100

115 65.2 40.5 121.5

150 159.0 0.0 347.0

