

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073582.D
 Acq On : 25 Jul 2022 16:22
 Operator : JC\MD
 Sample : PB146364ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146364ZHE#02

Quant Time: Jul 26 02:17:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

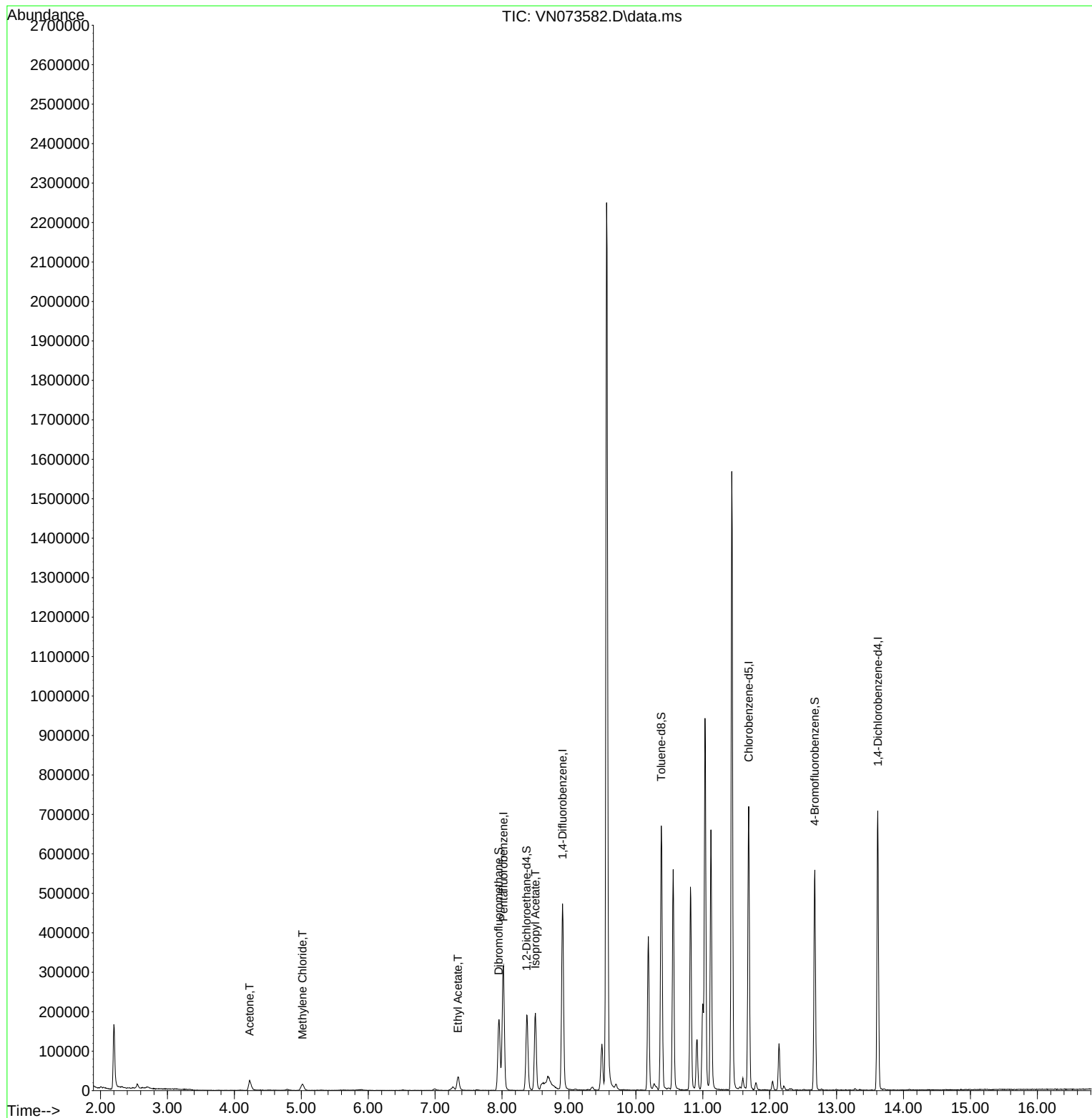
Internal Standards						
1) Pentafluorobenzene	8.022	168	239468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	408724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	394753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	183430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	155518	44.987	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.980%		
35) Dibromofluoromethane	7.951	113	132528	48.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	10.381	98	455898	47.204	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.400%		
62) 4-Bromofluorobenzene	12.675	95	183413	49.417	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.840%		
Target Compounds					Qvalue	
16) Acetone	4.228	43	46095	23.755	ug/l	96
20) Methylene Chloride	5.016	84	12421	3.642	ug/l	89
37) Ethyl Acetate	7.340	43	56965	9.010	ug/l	97
43) Isopropyl Acetate	8.498	43	229024	25.206	ug/l #	85

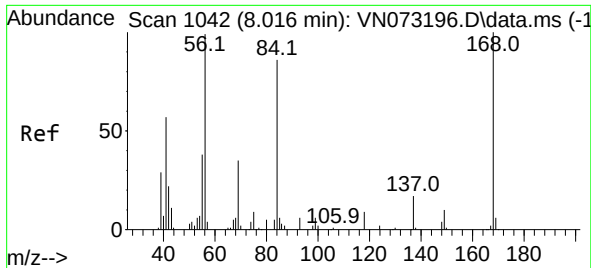
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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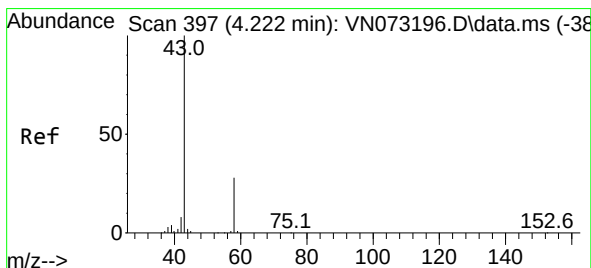
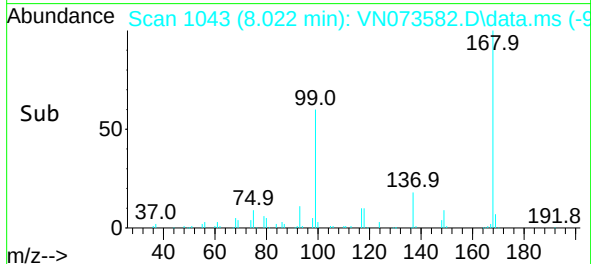
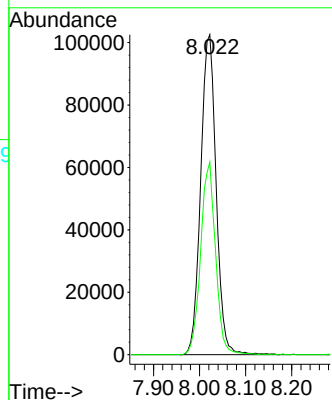
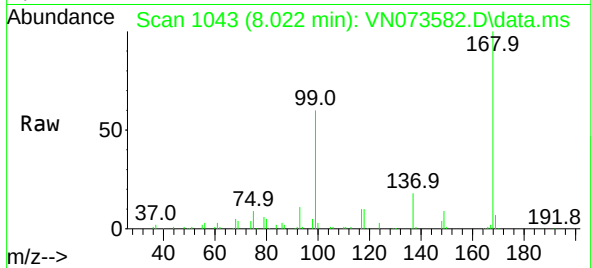




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073582.D
Acq: 25 Jul 2022 16:22

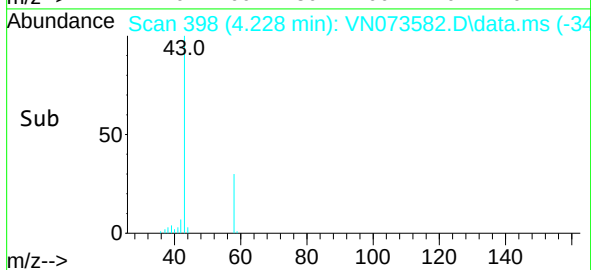
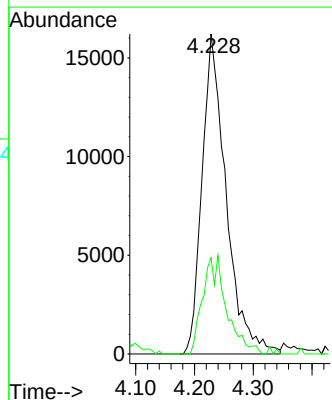
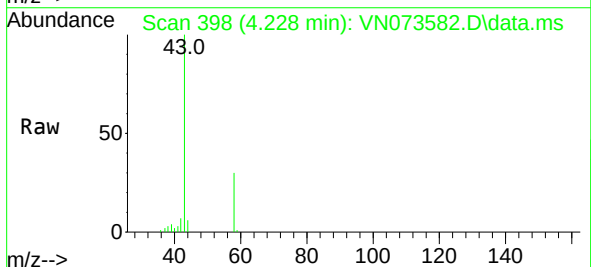
Instrument :
MSVOA_N
ClientSampleId :
PB146364ZHE#02

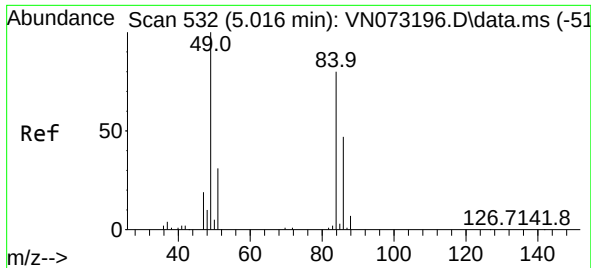
Tgt Ion:168 Resp: 239468
Ion Ratio Lower Upper
168 100
99 60.2 42.3 63.5



#16
Acetone
Concen: 23.755 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073582.D
Acq: 25 Jul 2022 16:22

Tgt Ion: 43 Resp: 46095
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0

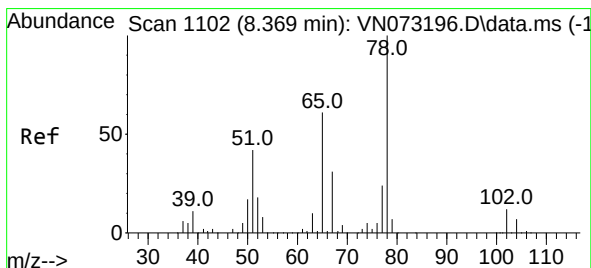
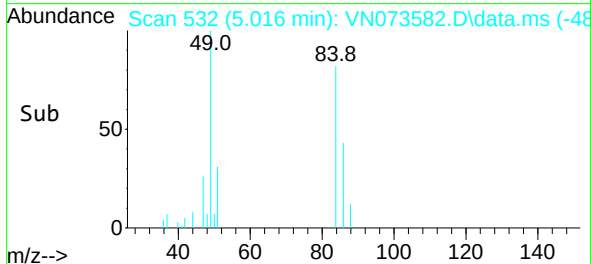
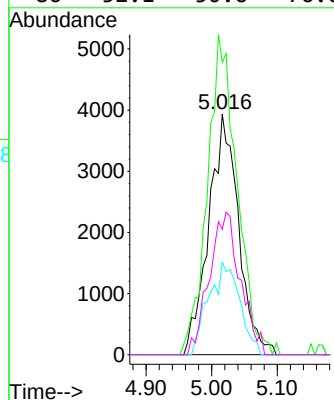
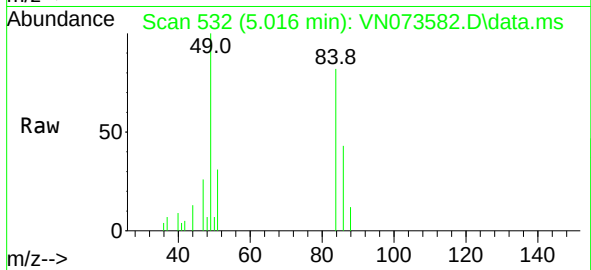




#20
Methylene Chloride
Concen: 3.642 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073582.D
Acq: 25 Jul 2022 16:22

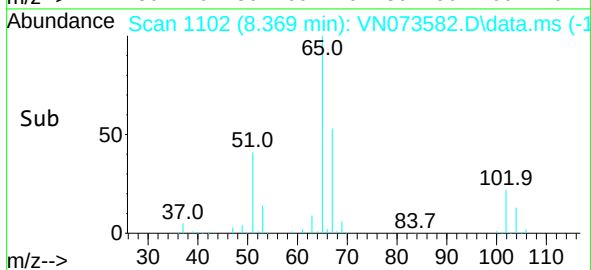
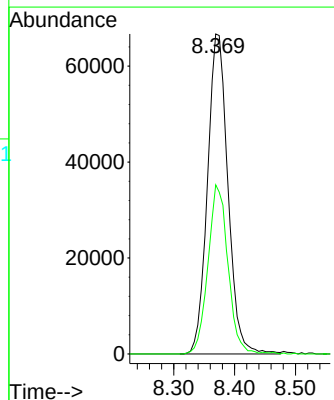
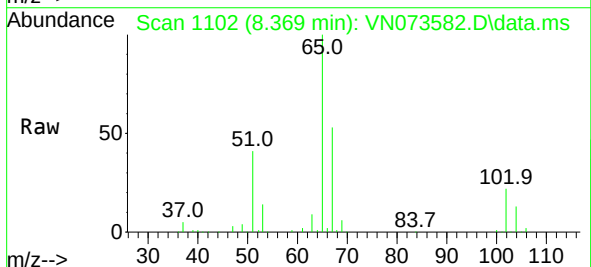
Instrument :
MSVOA_N
ClientSampleId :
PB146364ZHE#02

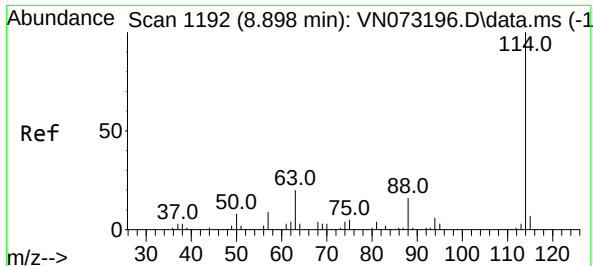
Tgt Ion:	84	Resp:	12421
Ion	Ratio	Lower	Upper
84	100		
49	121.6	88.3	132.5
51	38.3	28.2	42.2
86	52.1	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 44.987 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073582.D
Acq: 25 Jul 2022 16:22

Tgt Ion:	65	Resp:	155518
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073582.D

Acq: 25 Jul 2022 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB146364ZHE#02

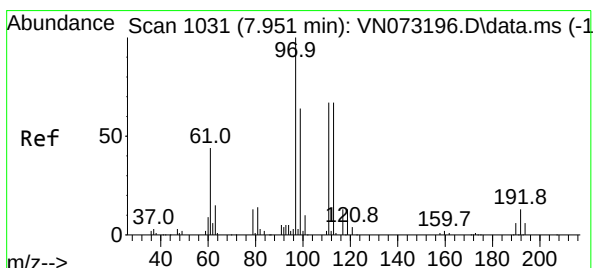
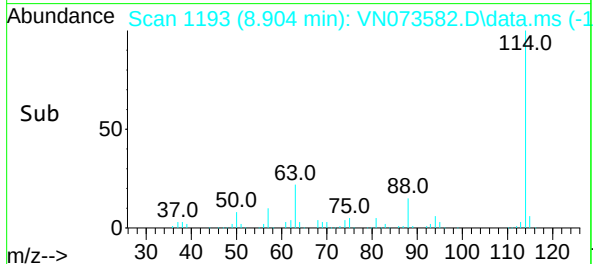
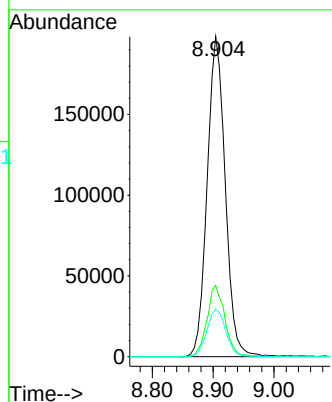
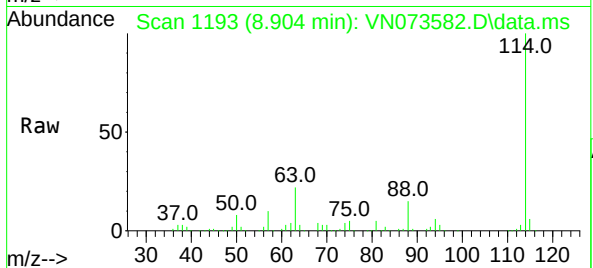
Tgt Ion:114 Resp: 408724

Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.736 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073582.D

Acq: 25 Jul 2022 16:22

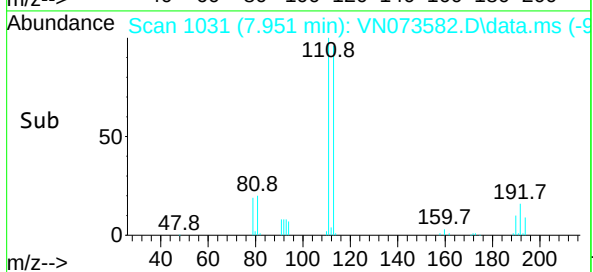
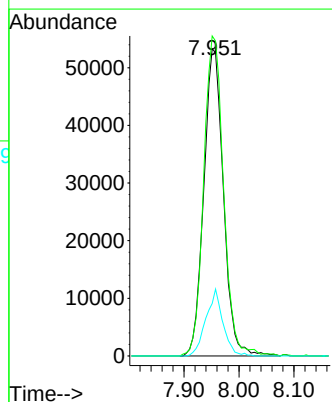
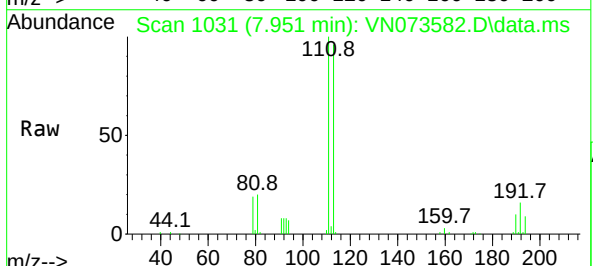
Tgt Ion:113 Resp: 132528

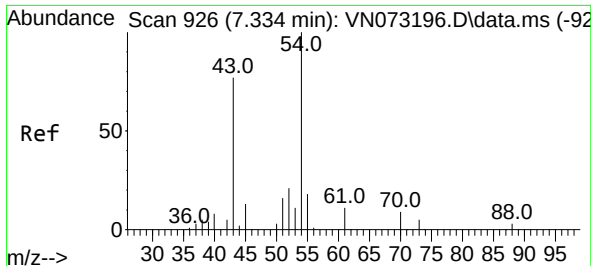
Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 18.8 17.0 25.6





#37

Ethyl Acetate

Concen: 9.010 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073582.D

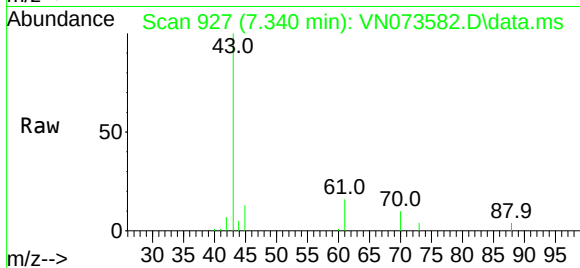
Acq: 25 Jul 2022 16:22

Instrument :

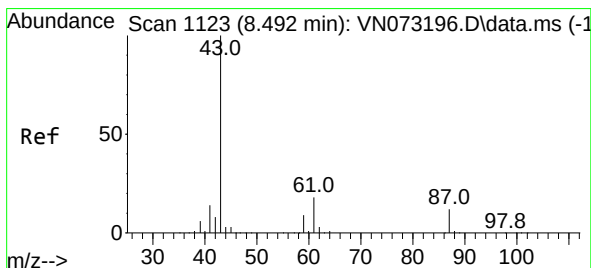
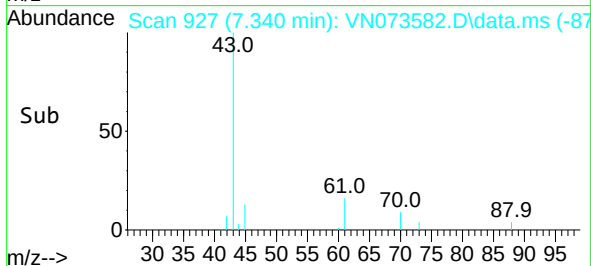
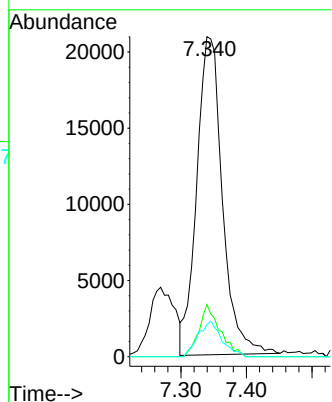
MSVOA_N

ClientSampleId :

PB146364ZHE#02



Tgt Ion: 43	Resp: 56965
Ion Ratio	Lower Upper
43	100
61	13.4 11.8 17.6
70	10.3 9.3 13.9



#43

Isopropyl Acetate

Concen: 25.206 ug/l

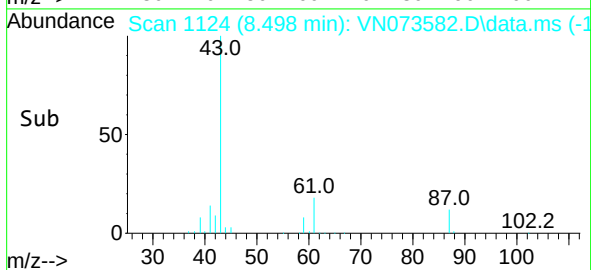
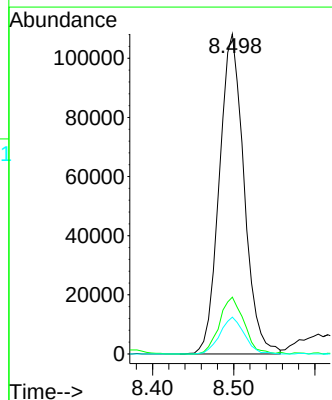
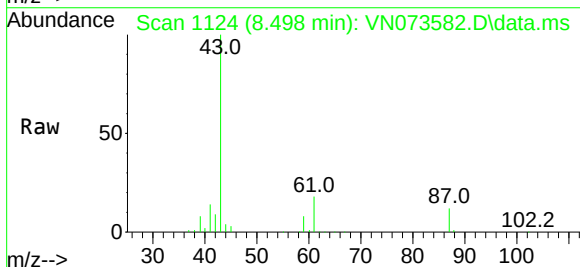
RT: 8.498 min Scan# 1124

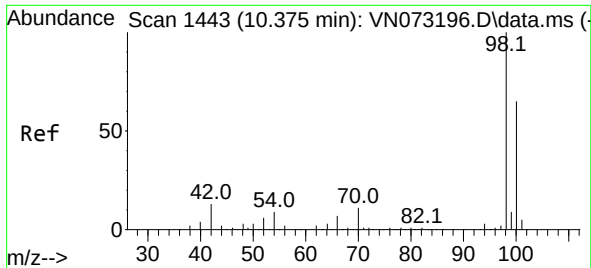
Delta R.T. 0.006 min

Lab File: VN073582.D

Acq: 25 Jul 2022 16:22

Tgt Ion: 43	Resp: 229024
Ion Ratio	Lower Upper
43	100
61	17.8 21.9 32.9#
87	11.3 12.0 18.0#

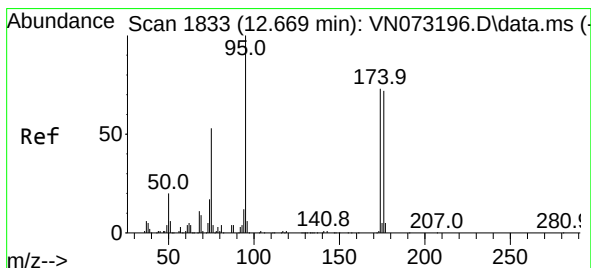
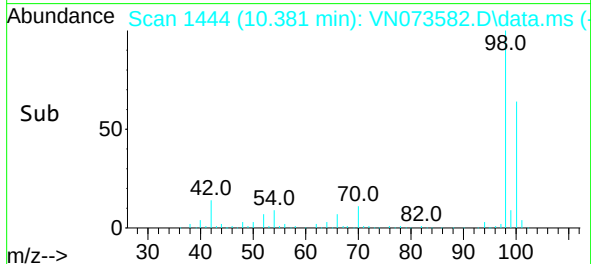
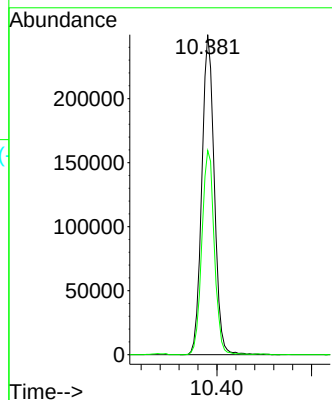
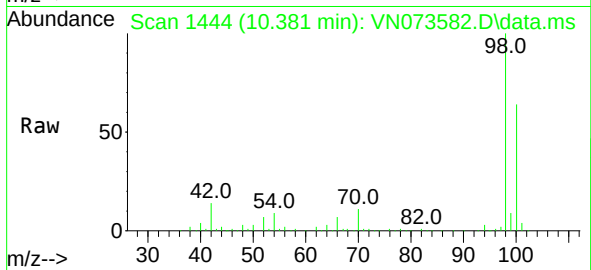




#50
Toluene-d8
Concen: 47.204 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073582.D
Acq: 25 Jul 2022 16:22

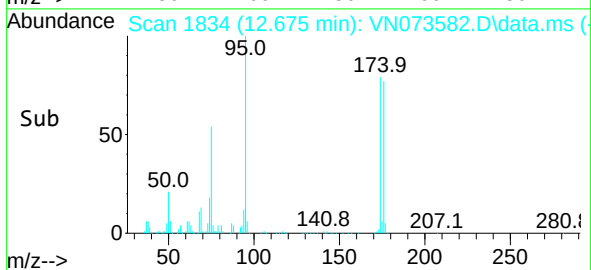
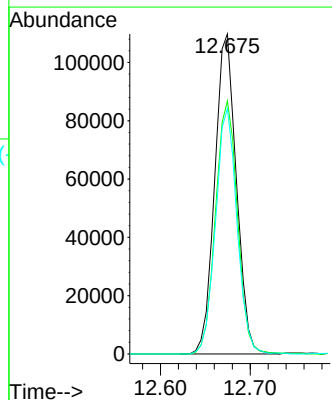
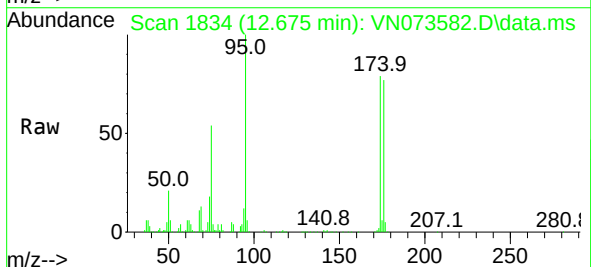
Instrument :
MSVOA_N
ClientSampleId :
PB146364ZHE#02

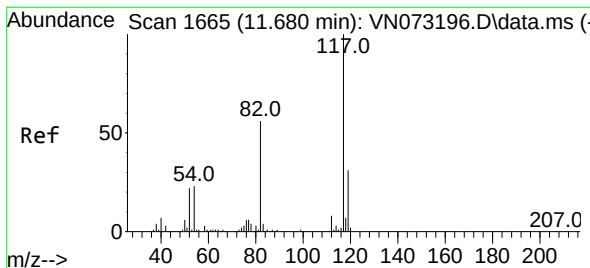
Tgt Ion: 98 Resp: 455898
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.417 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN073582.D
Acq: 25 Jul 2022 16:22

Tgt Ion: 95 Resp: 183413
Ion Ratio Lower Upper
95 100
174 80.2 0.0 167.6
176 76.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073582.D

Acq: 25 Jul 2022 16:22

Instrument :

MSVOA_N

ClientSampleId :

PB146364ZHE#02

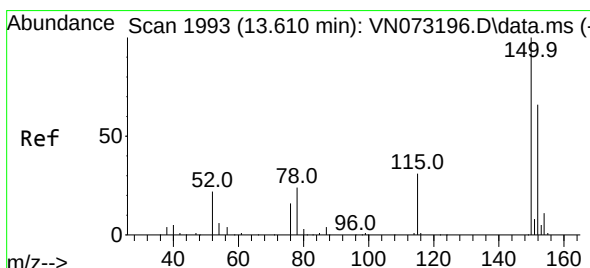
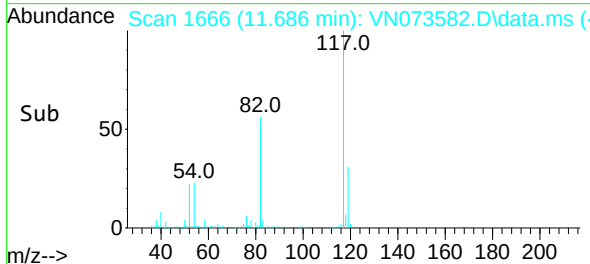
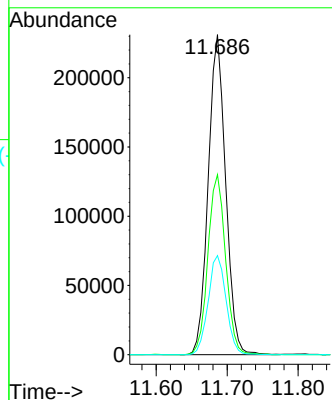
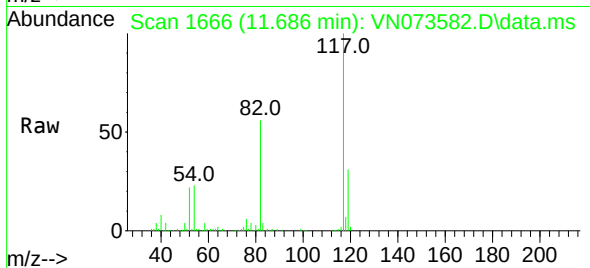
Tgt Ion:117 Resp: 394753

Ion Ratio Lower Upper

117 100

82 56.3 44.2 66.2

119 31.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073582.D

Acq: 25 Jul 2022 16:22

Tgt Ion:152 Resp: 183430

Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.7

150 158.5 0.0 356.2

