

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073953.D
 Acq On : 16 Aug 2022 17:01
 Operator : JC\MD
 Sample : PB146976ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#09

Quant Time: Aug 17 01:18:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

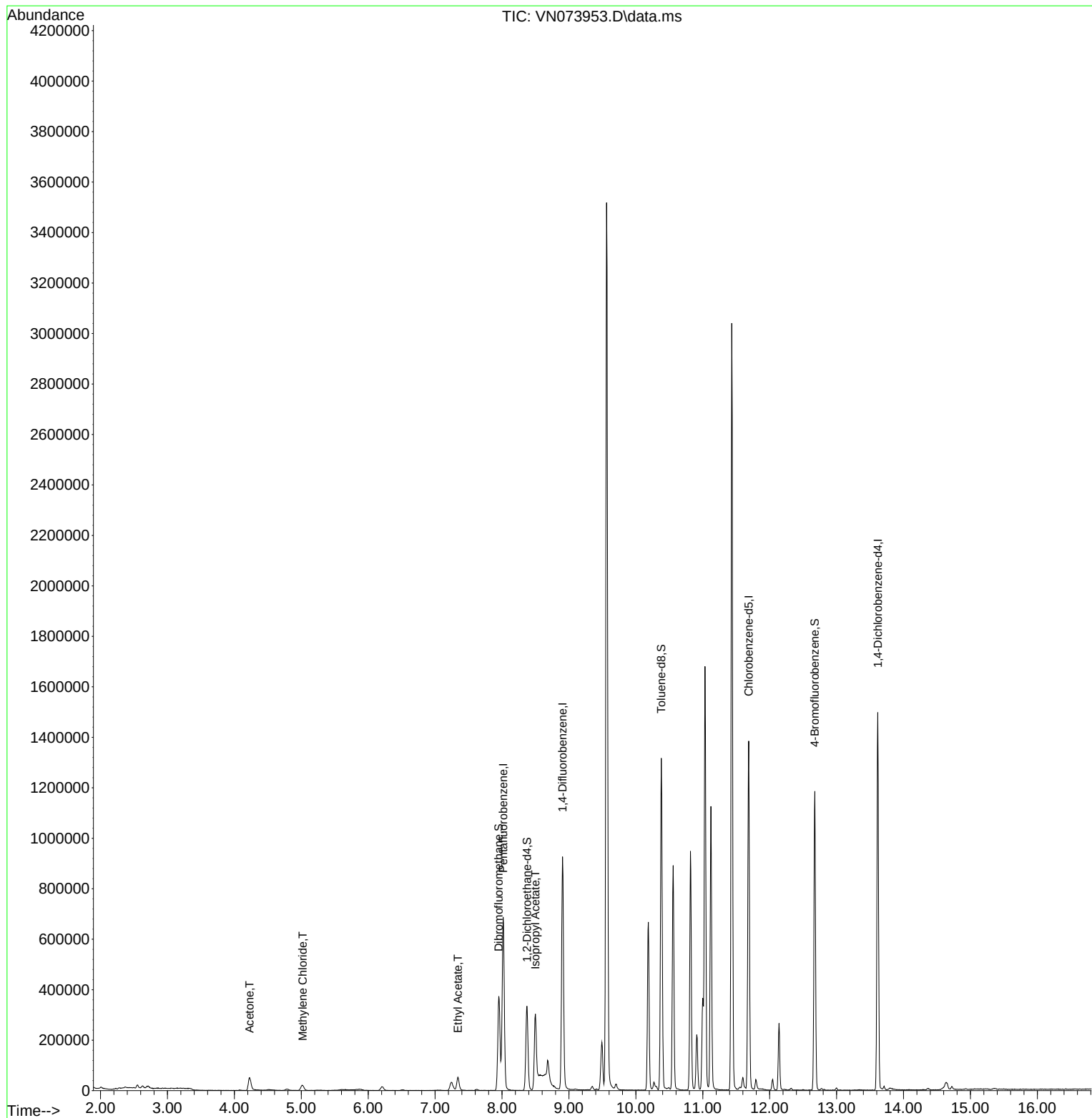
Internal Standards						
1) Pentafluorobenzene	8.016	168	580661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	870746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	848047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	441858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	285249	50.436	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.880%			
35) Dibromofluoromethane	7.951	113	275129	53.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	10.381	98	936861	46.976	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.960%			
62) 4-Bromofluorobenzene	12.674	95	384850	58.144	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.280%			
Target Compounds					Qvalue	
16) Acetone	4.228	43	92991	34.851	ug/l	98
20) Methylene Chloride	5.022	84	18957	3.367	ug/l	94
37) Ethyl Acetate	7.340	43	78080	9.011	ug/l	98
43) Isopropyl Acetate	8.498	43	374264	30.319	ug/l #	90

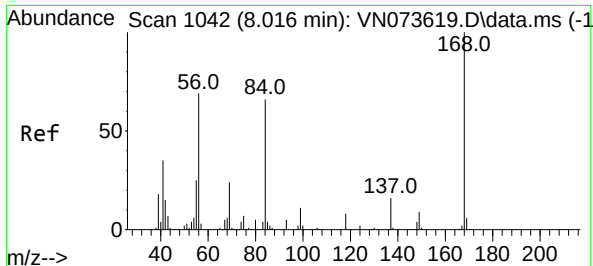
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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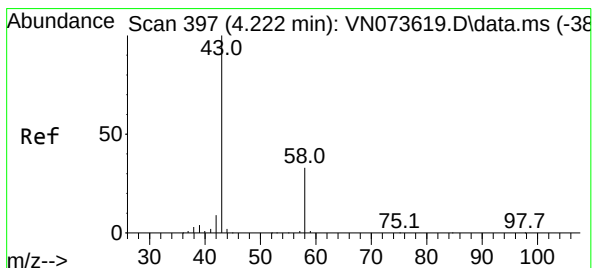
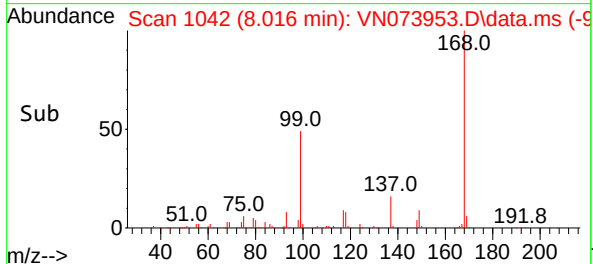
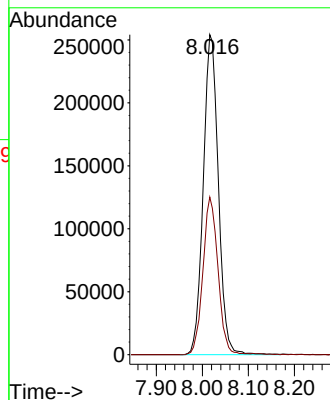
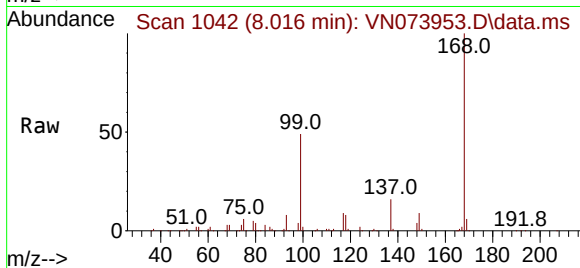




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073953.D
Acq: 16 Aug 2022 17:01

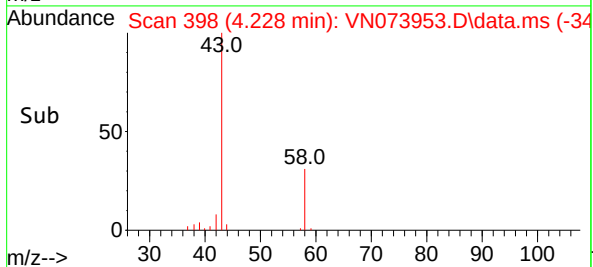
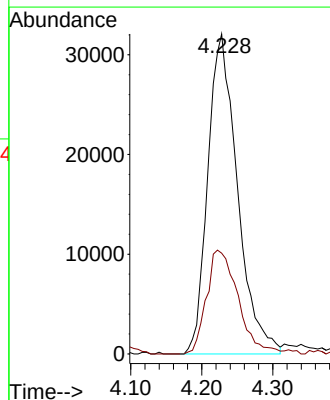
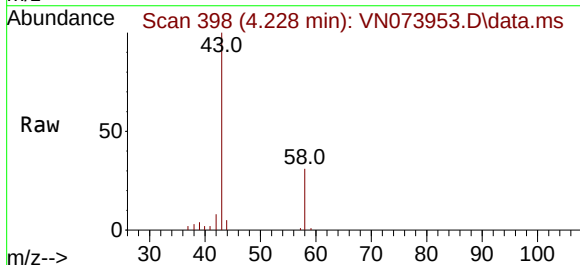
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#09

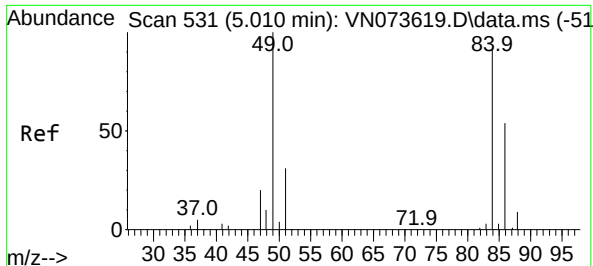
Tgt Ion:168 Resp: 580661
Ion Ratio Lower Upper
168 100
99 49.2 42.3 63.5



#16
Acetone
Concen: 34.851 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073953.D
Acq: 16 Aug 2022 17:01

Tgt Ion: 43 Resp: 92991
Ion Ratio Lower Upper
43 100
58 31.5 26.0 39.0

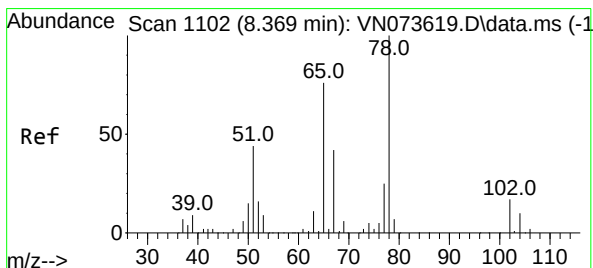
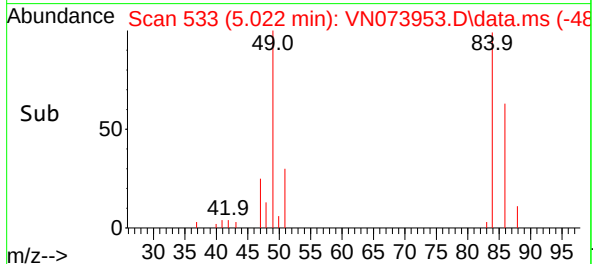
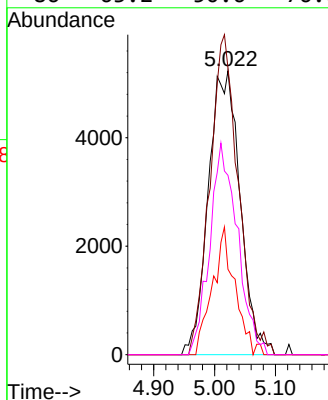
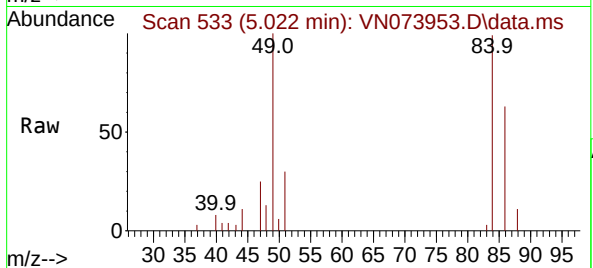




#20
Methylene Chloride
Concen: 3.367 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073953.D
Acq: 16 Aug 2022 17:01

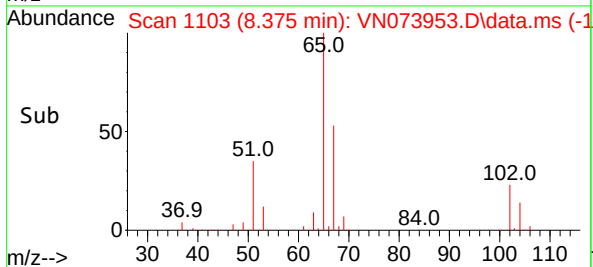
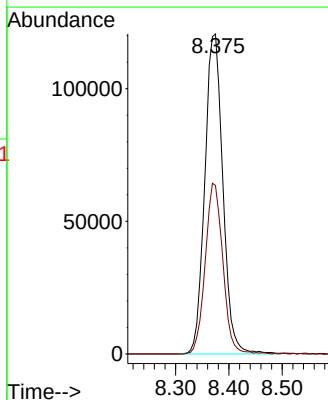
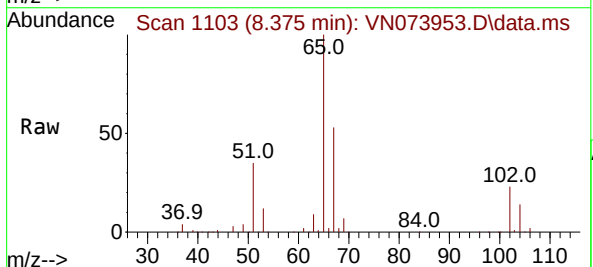
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#09

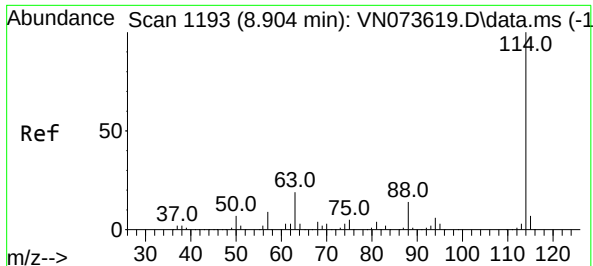
Tgt Ion: 84	Resp: 18957		
Ion	Ratio	Lower	Upper
84	100		
49	101.0	88.3	132.5
51	30.1	28.2	42.2
86	63.2	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 50.436 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073953.D
Acq: 16 Aug 2022 17:01

Tgt Ion: 65	Resp: 285249
Ion Ratio	Lower Upper
65 100	
67 51.9	0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073953.D

Acq: 16 Aug 2022 17:01

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#09

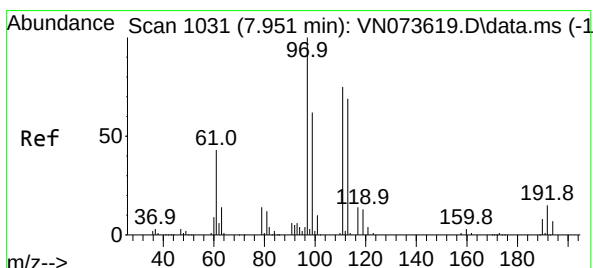
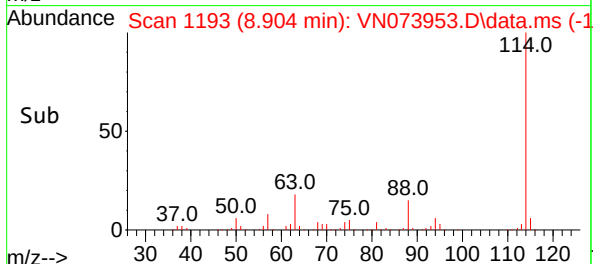
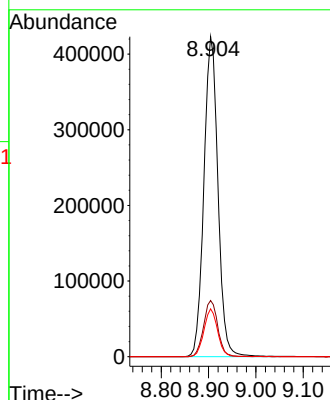
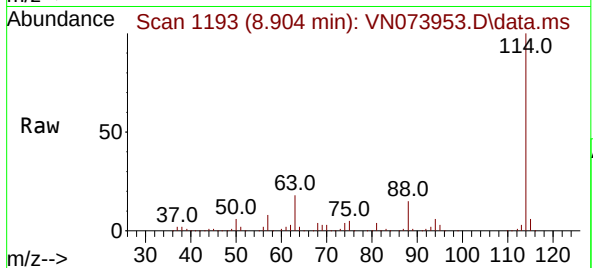
Tgt Ion:114 Resp: 870746

Ion Ratio Lower Upper

114 100

63 17.5 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.428 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073953.D

Acq: 16 Aug 2022 17:01

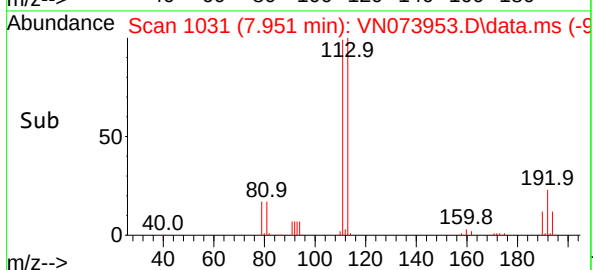
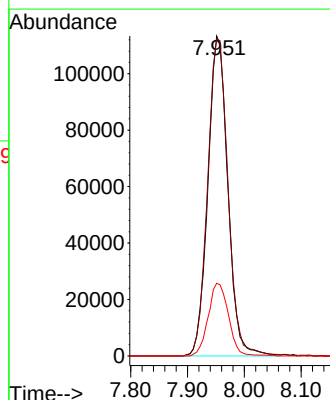
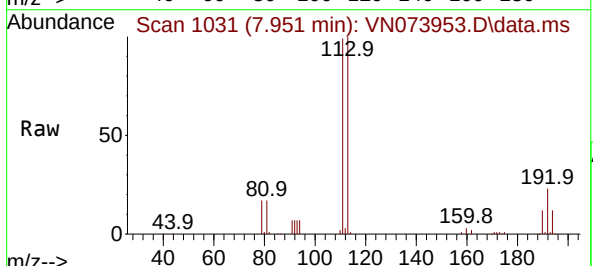
Tgt Ion:113 Resp: 275129

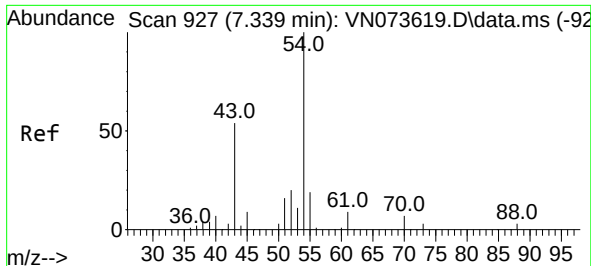
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 23.2 17.0 25.6





#37

Ethyl Acetate

Concen: 9.011 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.001 min

Lab File: VN073953.D

Acq: 16 Aug 2022 17:01

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#09

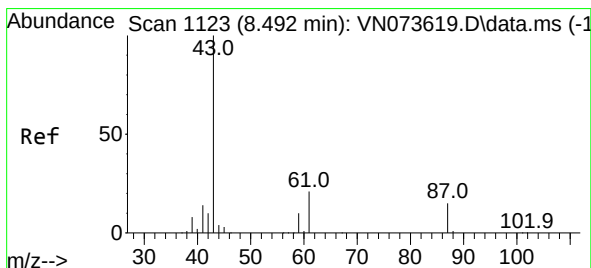
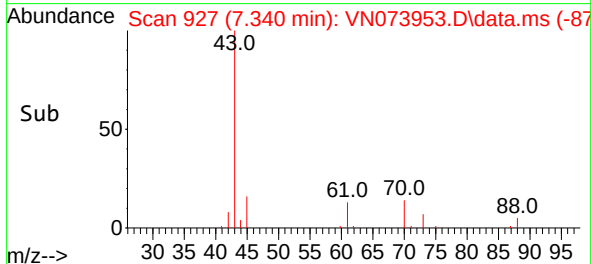
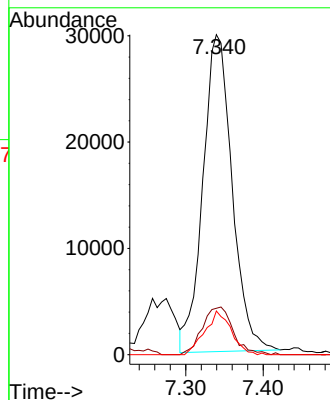
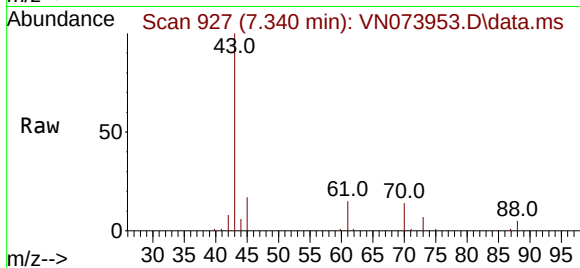
Tgt Ion: 43 Resp: 78080

Ion Ratio Lower Upper

43 100

61 15.8 11.8 17.6

70 12.4 9.3 13.9



#43

Isopropyl Acetate

Concen: 30.319 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073953.D

Acq: 16 Aug 2022 17:01

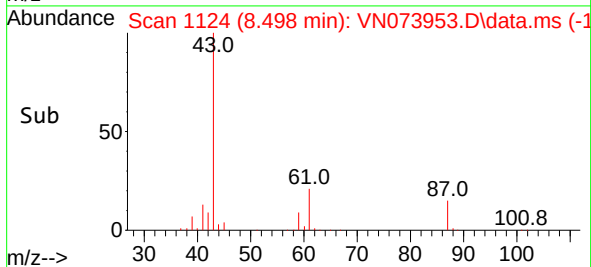
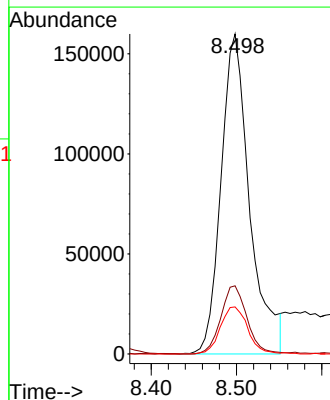
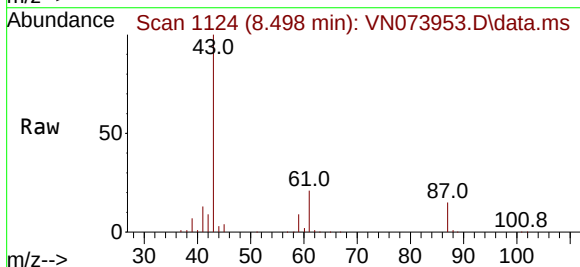
Tgt Ion: 43 Resp: 374264

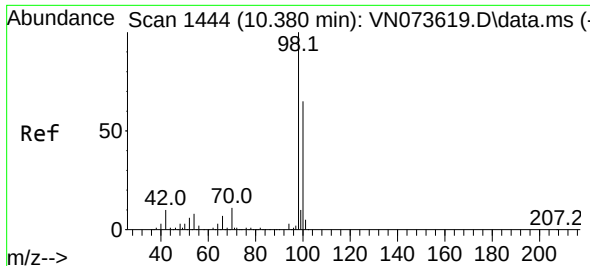
Ion Ratio Lower Upper

43 100

61 19.7 21.9 32.9#

87 14.1 12.0 18.0

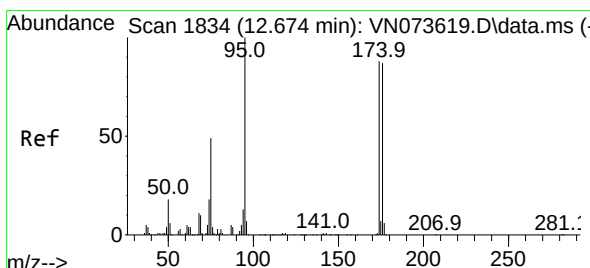
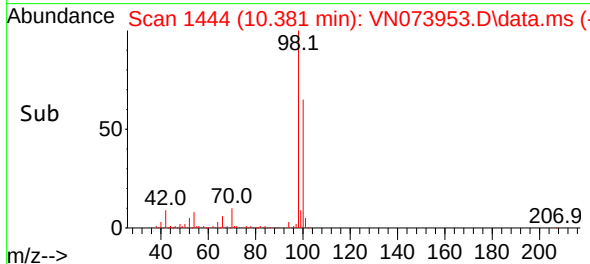
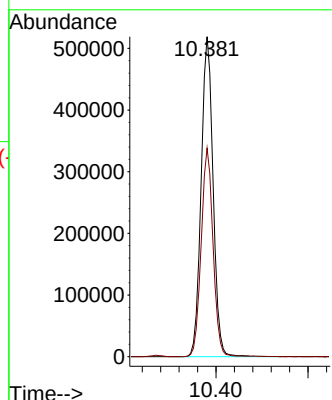
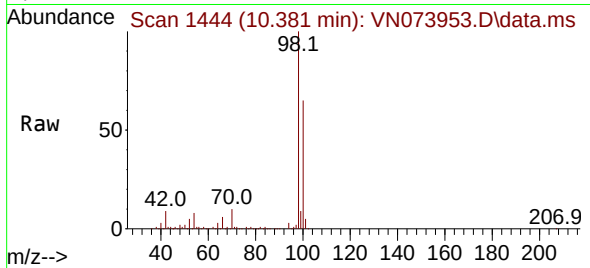




#50
Toluene-d8
Concen: 46.976 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN073953.D
Acq: 16 Aug 2022 17:01

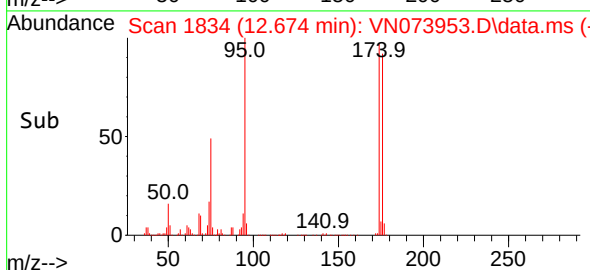
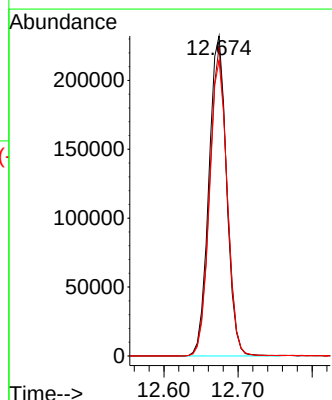
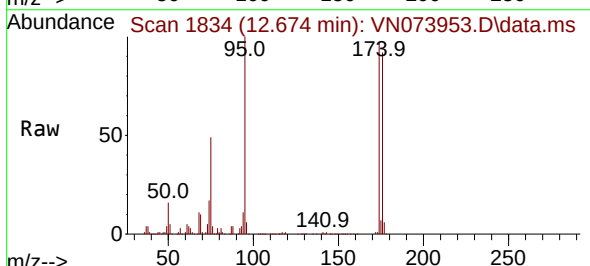
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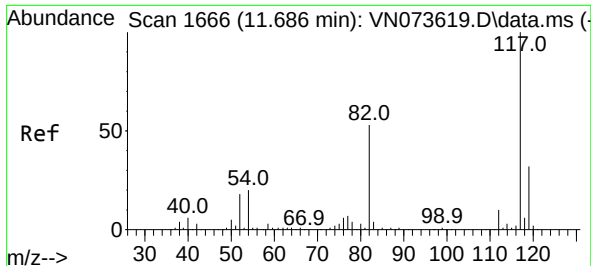
Tgt Ion: 98 Resp: 936861
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.144 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073953.D
Acq: 16 Aug 2022 17:01

Tgt Ion: 95 Resp: 384850
Ion Ratio Lower Upper
95 100
174 95.0 0.0 167.6
176 92.3 0.0 163.4

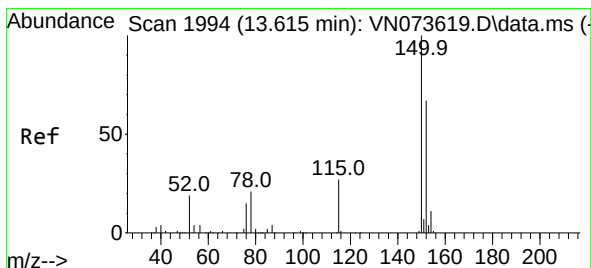
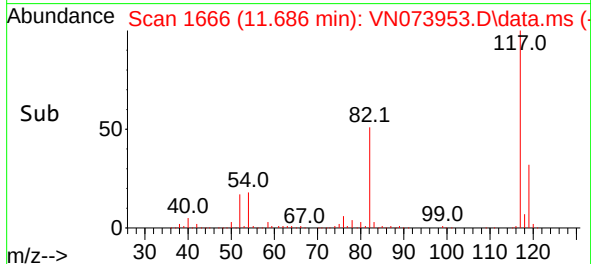
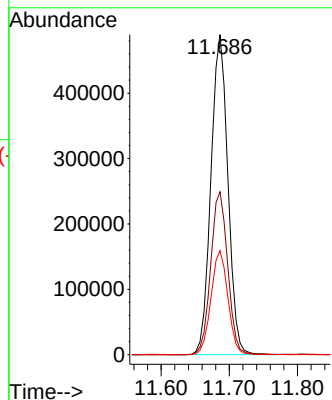
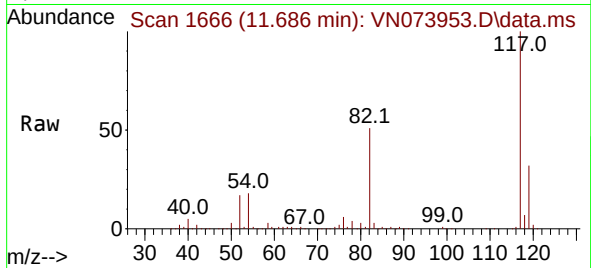




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073953.D
Acq: 16 Aug 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#09

Tgt Ion:117 Resp: 848047
Ion Ratio Lower Upper
117 100
82 50.9 44.2 66.2
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073953.D
Acq: 16 Aug 2022 17:01

Tgt Ion:152 Resp: 441858
Ion Ratio Lower Upper
152 100
115 54.7 28.9 86.7
150 157.4 0.0 356.2

