

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073952.D
 Acq On : 16 Aug 2022 16:36
 Operator : JC\MD
 Sample : PB146976ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#08

Quant Time: Aug 17 01:17:32 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)

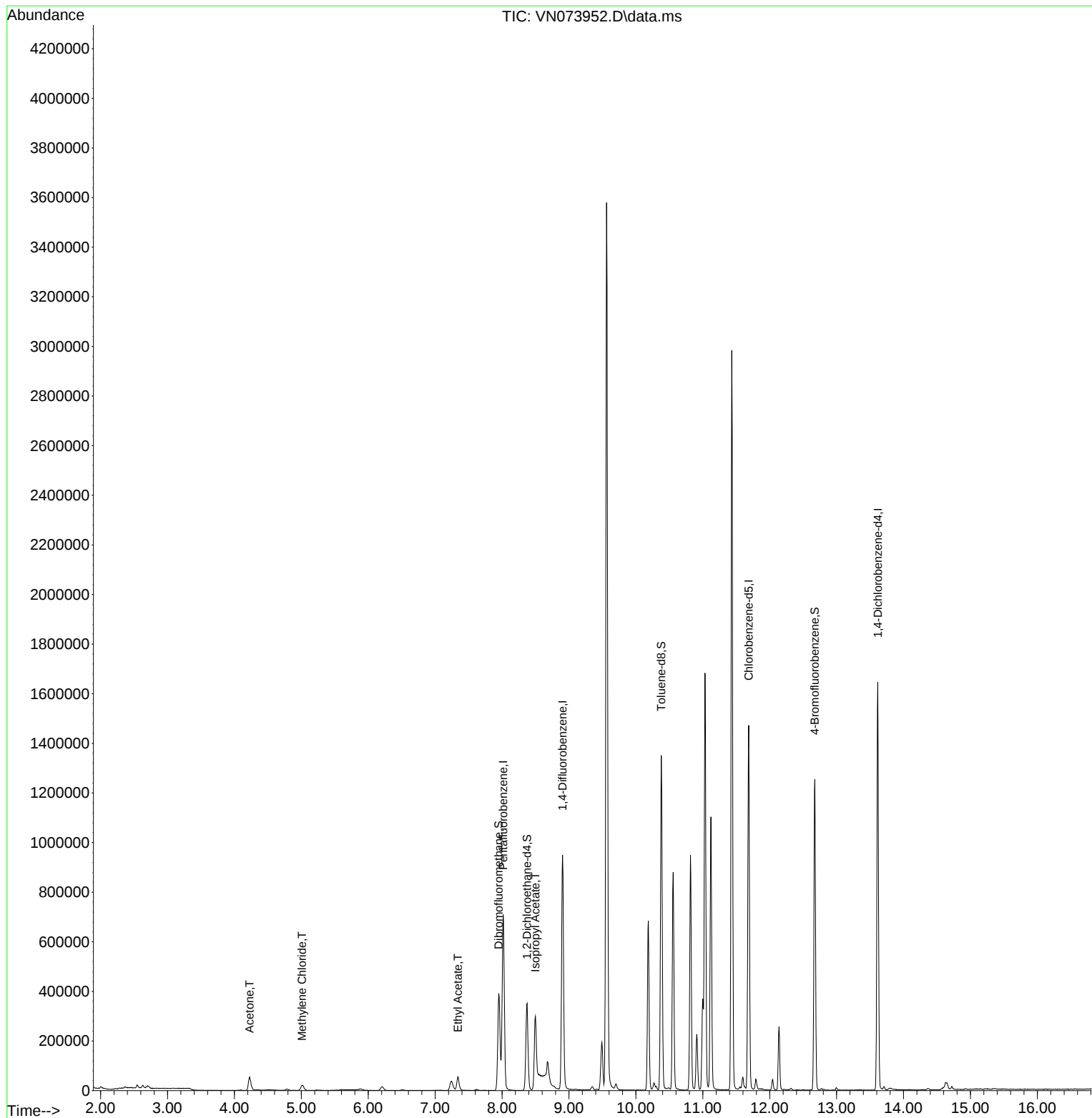
Internal Standards						
1) Pentafluorobenzene	8.016	168	604045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	900950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	891788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	484872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	293919	49.958	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.920%
35) Dibromofluoromethane	7.951	113	286393	53.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.500%
50) Toluene-d8	10.380	98	969219	46.969	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.940%
62) 4-Bromofluorobenzene	12.674	95	409526	59.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.600%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	94823	34.162	ug/l	99
20) Methylene Chloride	5.010	84	18406	3.142	ug/l #	86
37) Ethyl Acetate	7.340	43	79847	8.906	ug/l	98
43) Isopropyl Acetate	8.498	43	442091	34.613	ug/l #	84

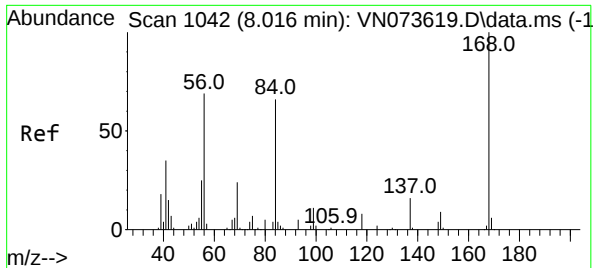
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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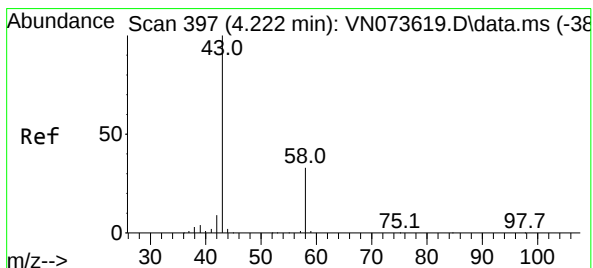
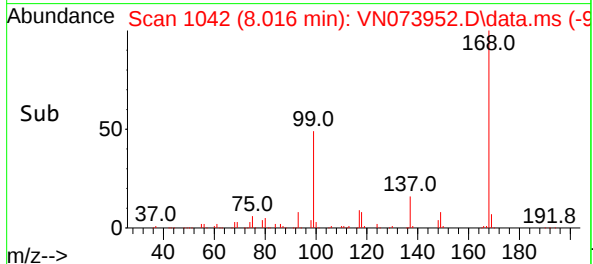
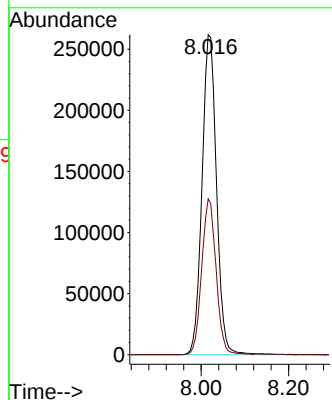
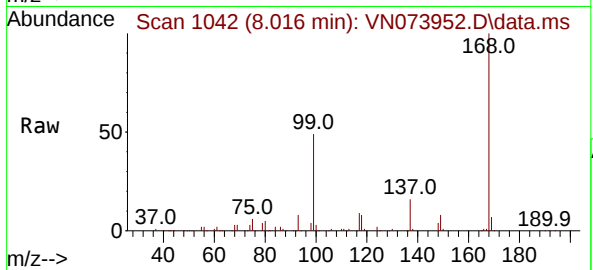




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073952.D
Acq: 16 Aug 2022 16:36

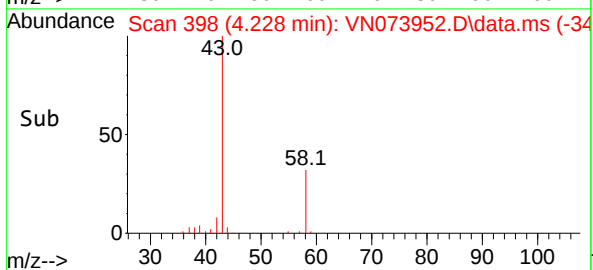
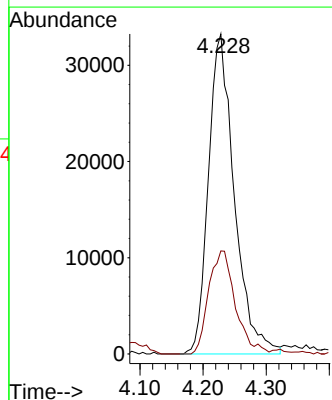
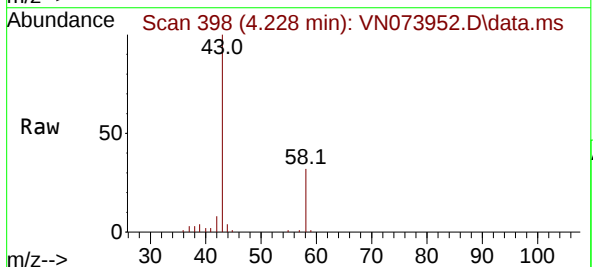
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#08

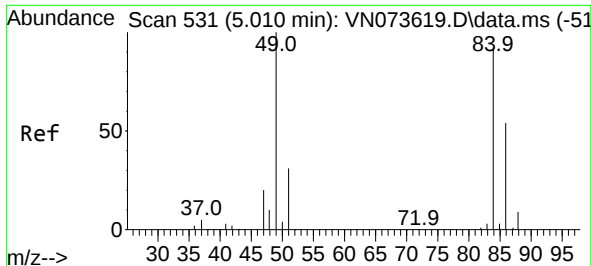
Tgt Ion:168 Resp: 604045
Ion Ratio Lower Upper
168 100
99 48.7 42.3 63.5



#16
Acetone
Concen: 34.162 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073952.D
Acq: 16 Aug 2022 16:36

Tgt Ion: 43 Resp: 94823
Ion Ratio Lower Upper
43 100
58 32.2 26.0 39.0

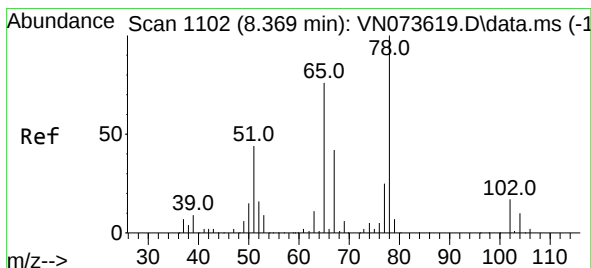
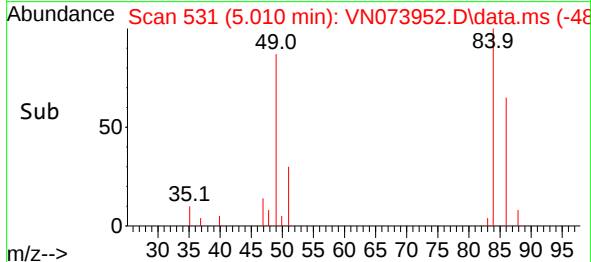
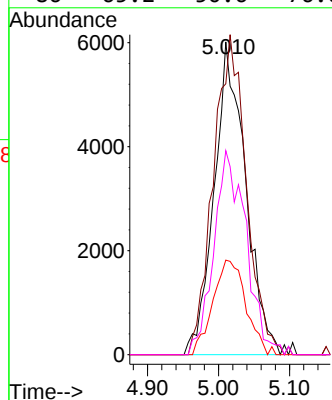
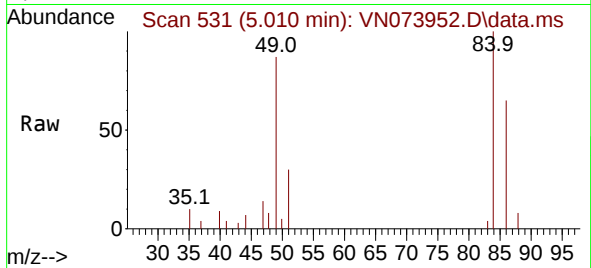




#20
Methylene Chloride
Concen: 3.142 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073952.D
Acq: 16 Aug 2022 16:36

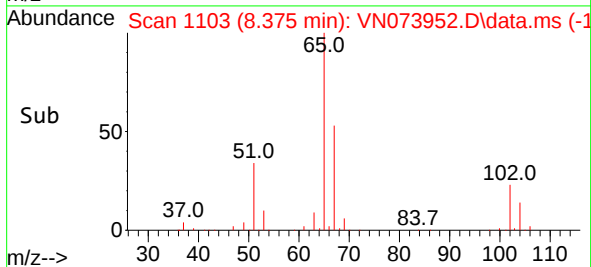
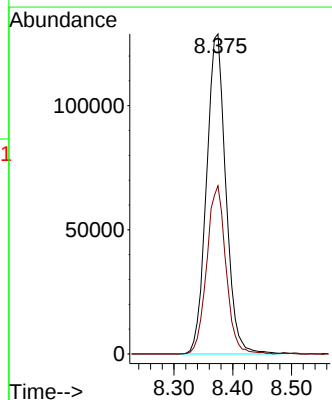
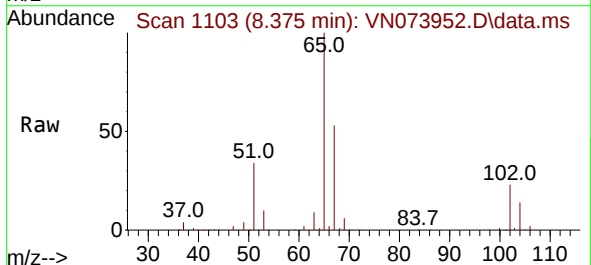
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#08

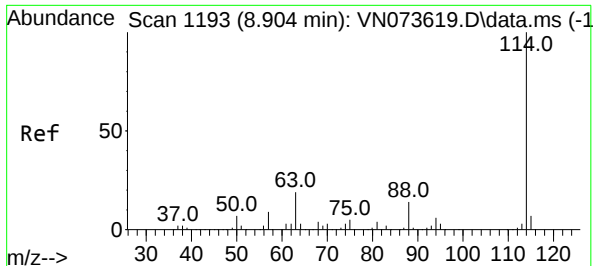
Tgt Ion: 84	Resp: 18406
Ion Ratio	Lower Upper
84 100	
49 86.6	88.3 132.5#
51 30.2	28.2 42.2
86 65.2	50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 49.958 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073952.D
Acq: 16 Aug 2022 16:36

Tgt Ion: 65	Resp: 293919
Ion Ratio	Lower Upper
65 100	
67 52.1	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: VN073952.D

Acq: 16 Aug 2022 16:36

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#08

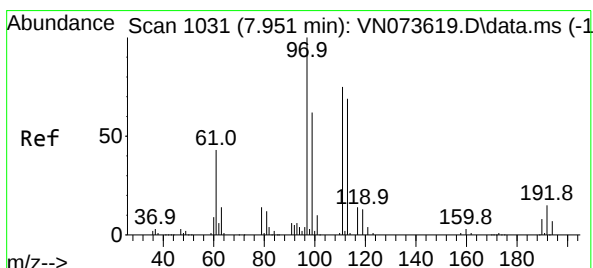
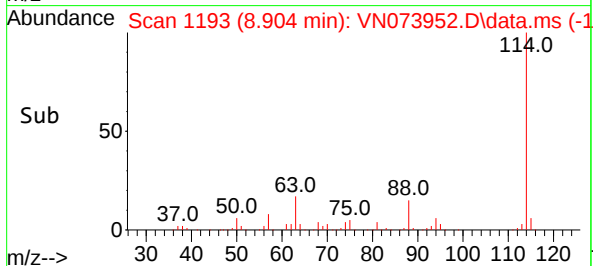
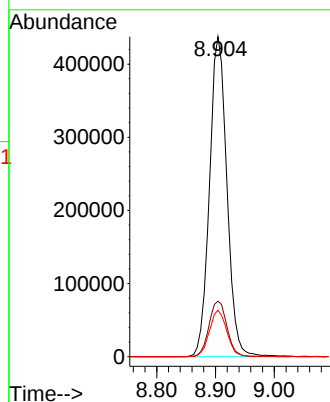
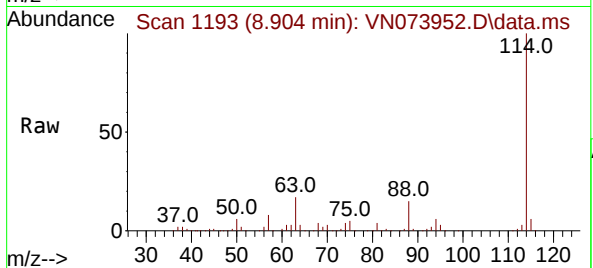
Tgt Ion:114 Resp: 900950

Ion Ratio Lower Upper

114 100

63 17.4 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.751 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073952.D

Acq: 16 Aug 2022 16:36

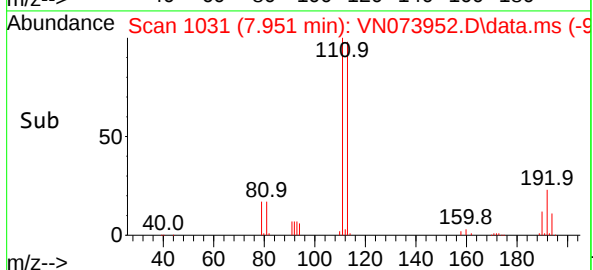
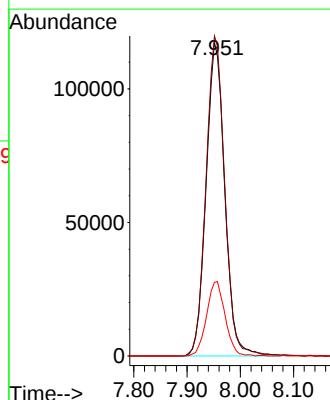
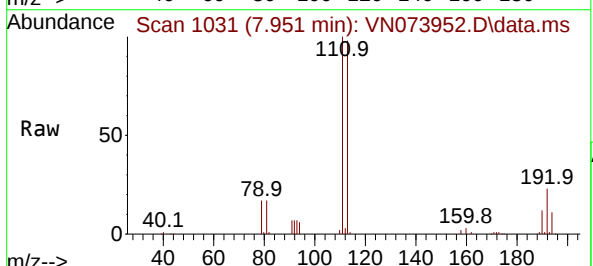
Tgt Ion:113 Resp: 286393

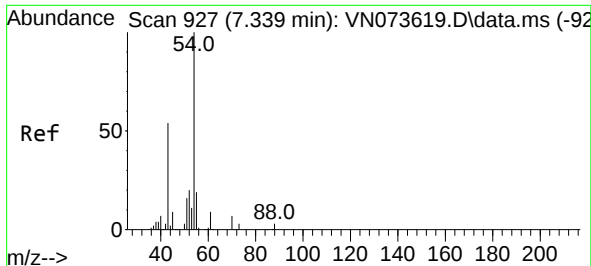
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 23.5 17.0 25.6

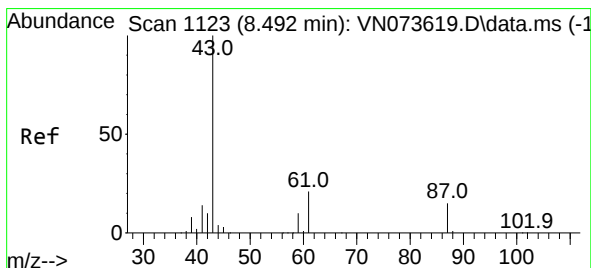
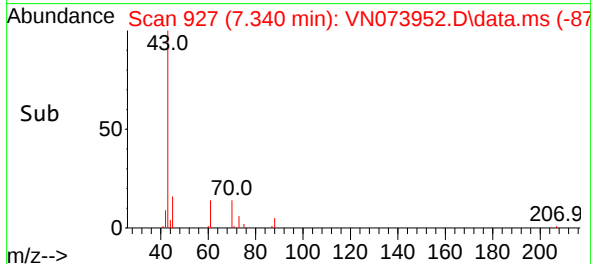
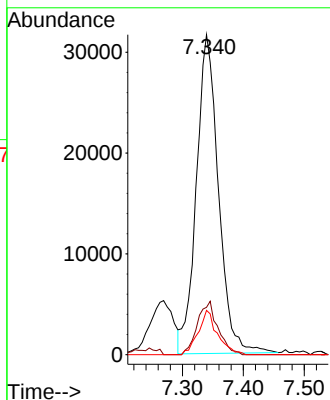
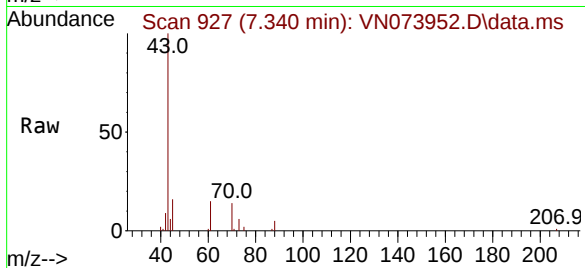




#37
Ethyl Acetate
Concen: 8.906 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073952.D
Acq: 16 Aug 2022 16:36

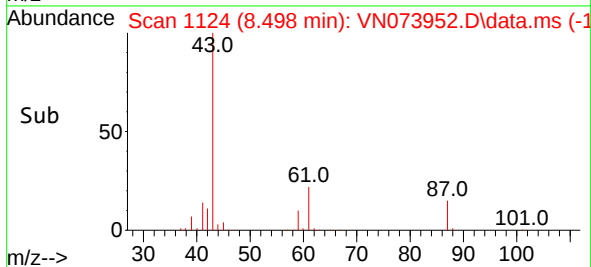
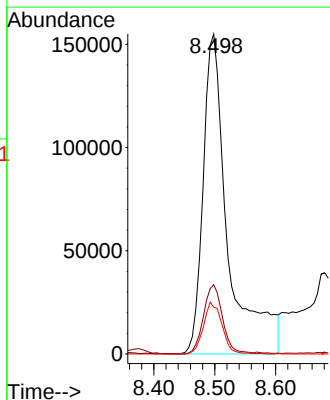
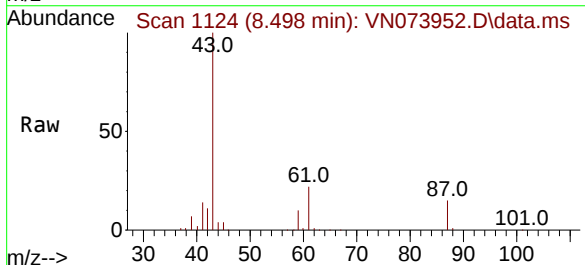
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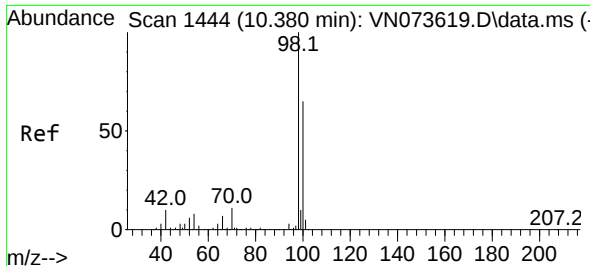
Tgt Ion: 43 Resp: 79847
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 12.1 9.3 13.9



#43
Isopropyl Acetate
Concen: 34.613 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073952.D
Acq: 16 Aug 2022 16:36

Tgt Ion: 43 Resp: 442091
Ion Ratio Lower Upper
43 100
61 16.5 21.9 32.9#
87 12.0 12.0 18.0

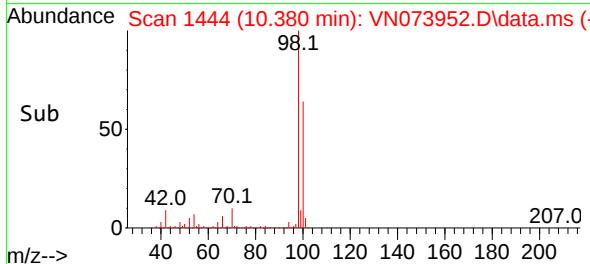
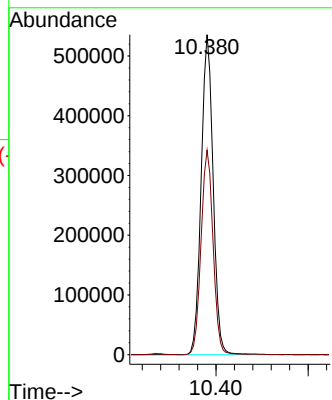
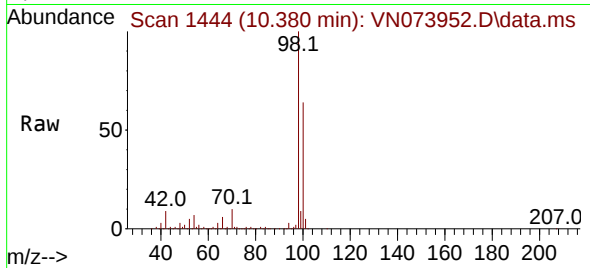




#50
Toluene-d8
Concen: 46.969 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073952.D
Acq: 16 Aug 2022 16:36

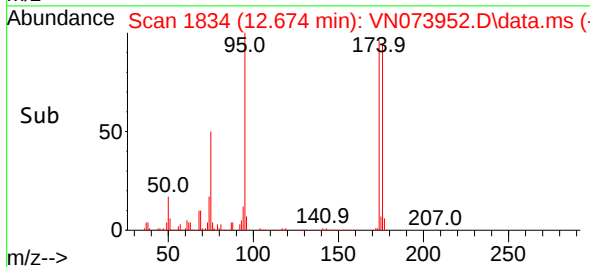
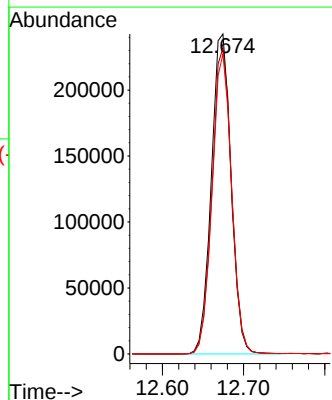
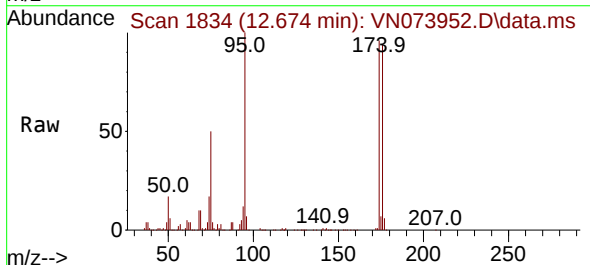
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#08

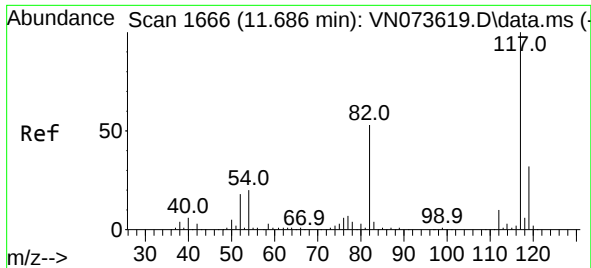
Tgt Ion: 98 Resp: 969219
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 59.798 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073952.D
Acq: 16 Aug 2022 16:36

Tgt Ion: 95 Resp: 409526
Ion Ratio Lower Upper
95 100
174 95.1 0.0 167.6
176 92.3 0.0 163.4

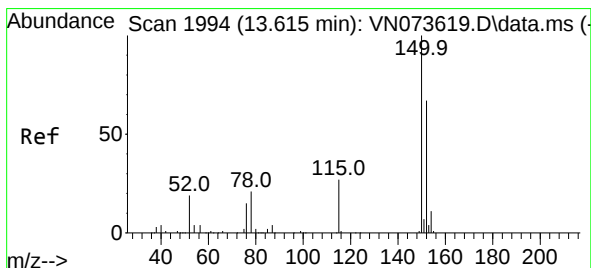
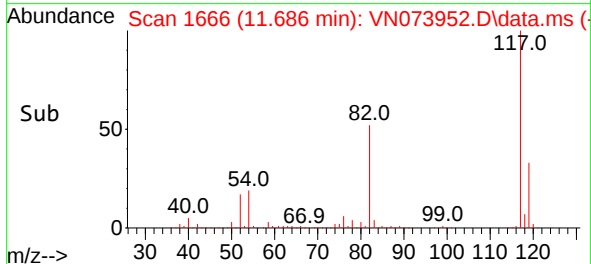
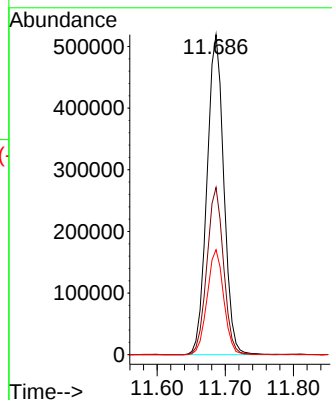
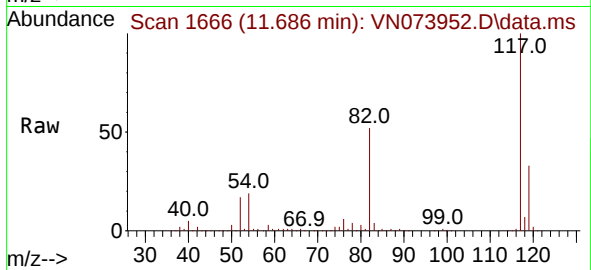




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073952.D
Acq: 16 Aug 2022 16:36

Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#08

Tgt Ion:117 Resp: 891788
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.8 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: VN073952.D
Acq: 16 Aug 2022 16:36

Tgt Ion:152 Resp: 484872
Ion Ratio Lower Upper
152 100
115 53.9 28.9 86.7
150 156.0 0.0 356.2

