

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073857.D
 Acq On : 12 Aug 2022 17:27
 Operator : JC\MD
 Sample : PB146944ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146944ZHE#04

Quant Time: Aug 13 05:04:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

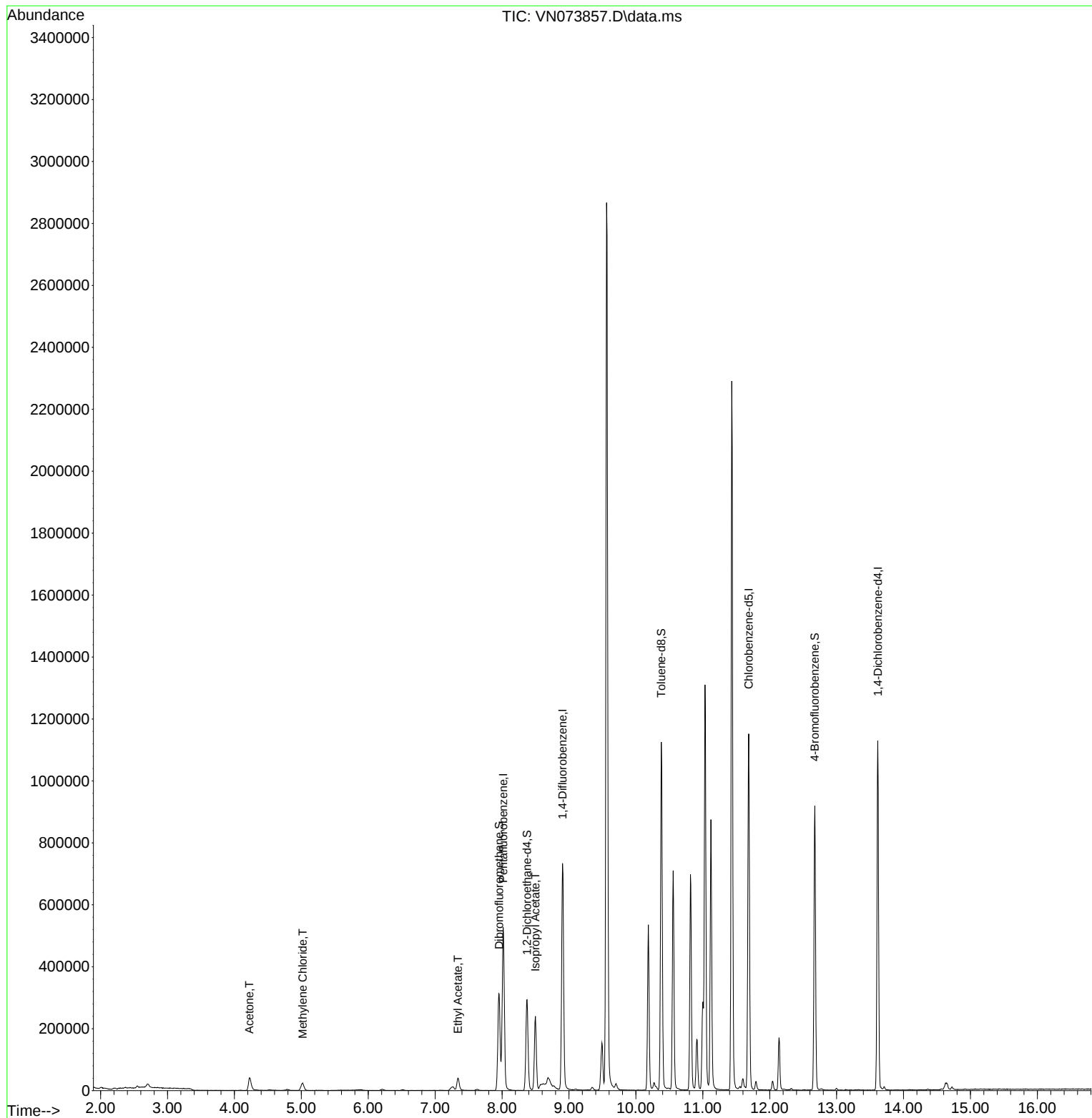
Internal Standards						
1) Pentafluorobenzene	8.016	168	422577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	688347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	696013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	326606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	246770	47.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.840%
35) Dibromofluoromethane	7.957	113	233676	54.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.120%
50) Toluene-d8	10.380	98	791651	46.543	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.080%
62) 4-Bromofluorobenzene	12.674	95	298869	50.050	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.100%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	79194	28.631	ug/l	97
20) Methylene Chloride	5.022	84	20172	2.410	ug/l	94
37) Ethyl Acetate	7.339	43	62677	7.725	ug/l	99
43) Isopropyl Acetate	8.498	43	253570	23.140	ug/l #	92

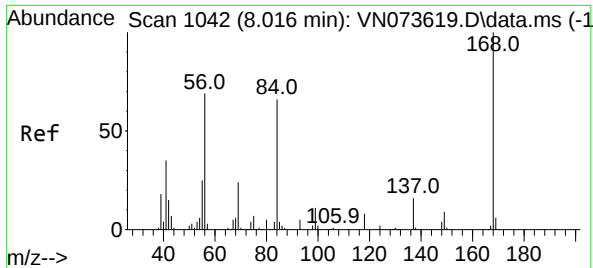
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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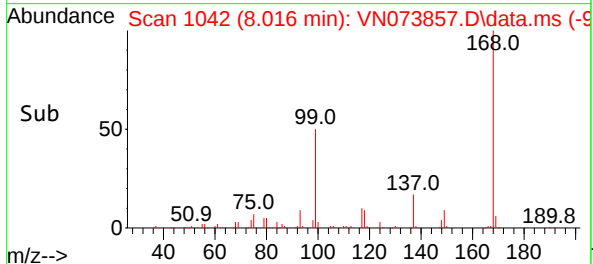
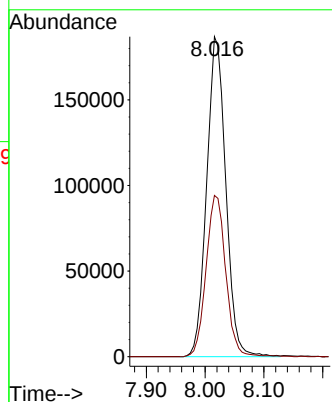
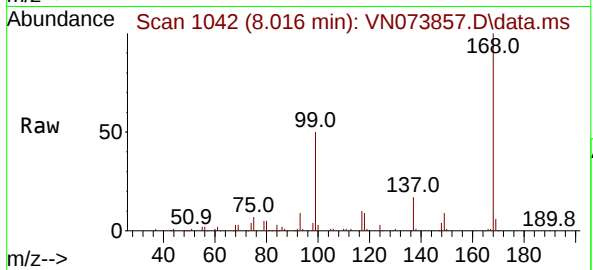




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073857.D
Acq: 12 Aug 2022 17:27

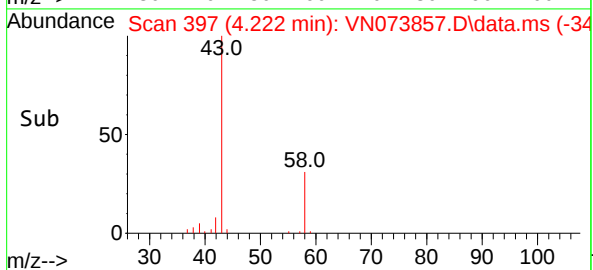
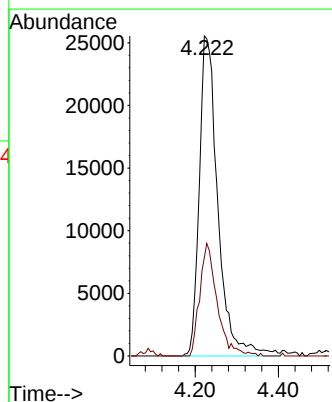
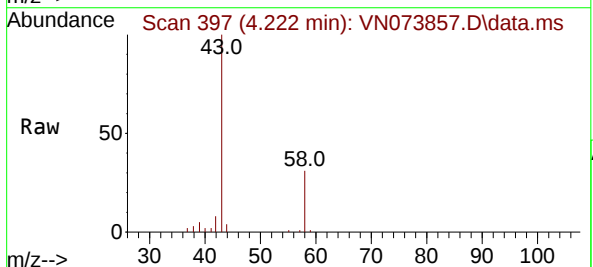
Instrument :
MSVOA_N
ClientSampleId :
PB146944ZHE#04

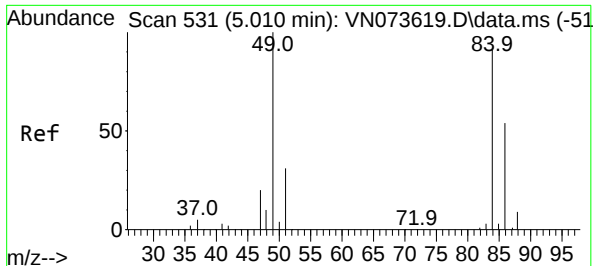
Tgt Ion:168 Resp: 422577
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5



#16
Acetone
Concen: 28.631 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073857.D
Acq: 12 Aug 2022 17:27

Tgt Ion: 43 Resp: 79194
Ion Ratio Lower Upper
43 100
58 30.8 26.0 39.0

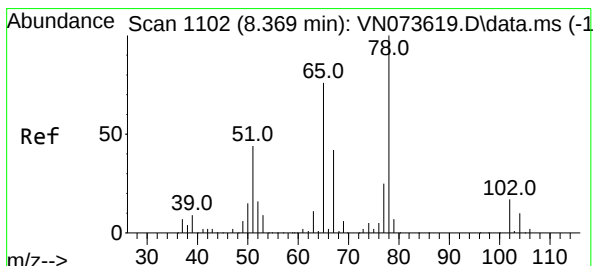
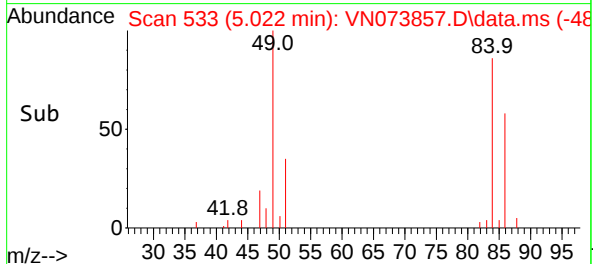
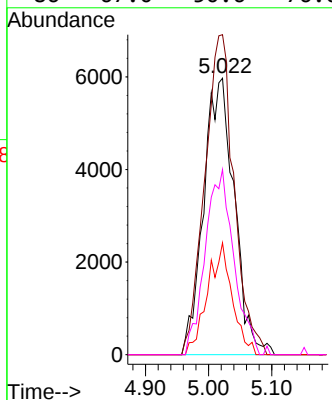
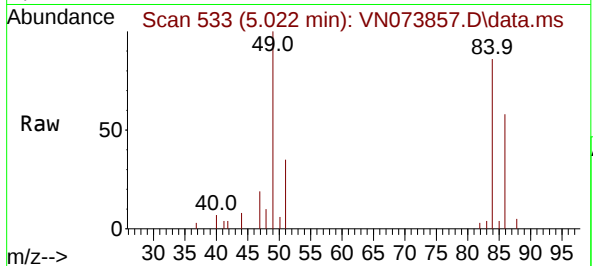




#20
Methylene Chloride
Concen: 2.410 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073857.D
Acq: 12 Aug 2022 17:27

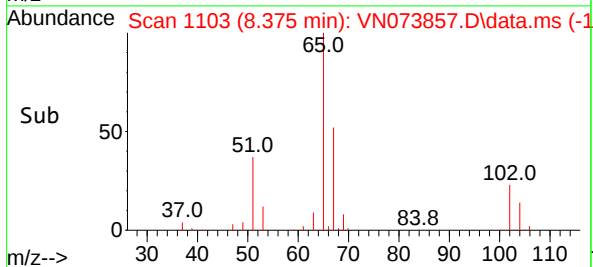
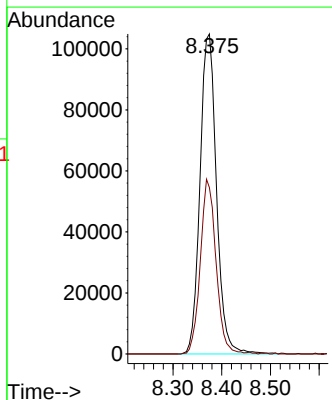
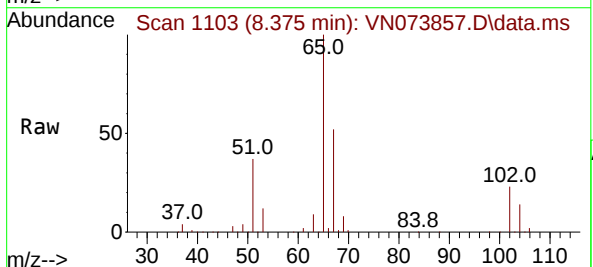
Instrument :
MSVOA_N
ClientSampleId :
PB146944ZHE#04

Tgt Ion: 84	Resp: 20172
Ion Ratio	Lower Upper
84 100	
49 115.8	88.3 132.5
51 40.5	28.2 42.2
86 67.0	50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 47.919 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073857.D
Acq: 12 Aug 2022 17:27

Tgt Ion: 65	Resp: 246770
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: VN073857.D

Acq: 12 Aug 2022 17:27

Instrument :

MSVOA_N

ClientSampleId :

PB146944ZHE#04

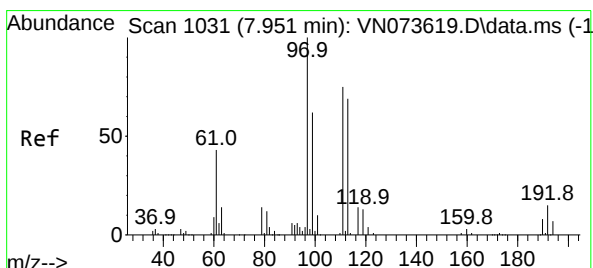
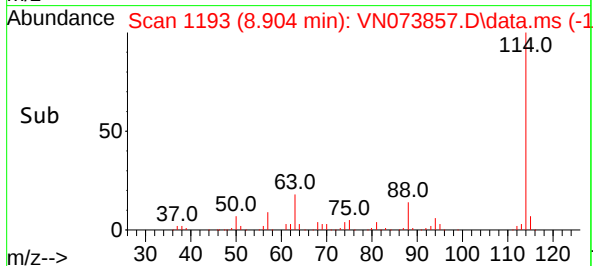
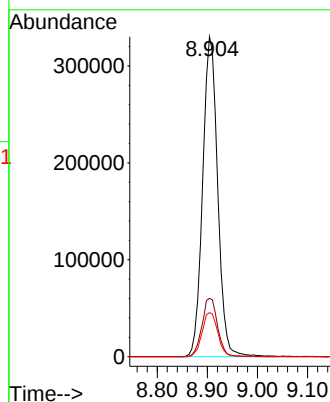
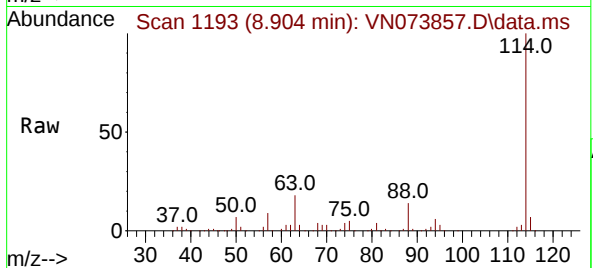
Tgt Ion:114 Resp: 688347

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

88 13.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.062 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073857.D

Acq: 12 Aug 2022 17:27

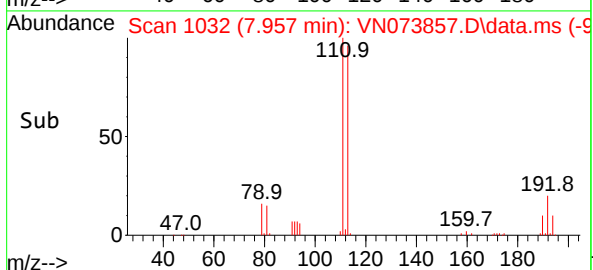
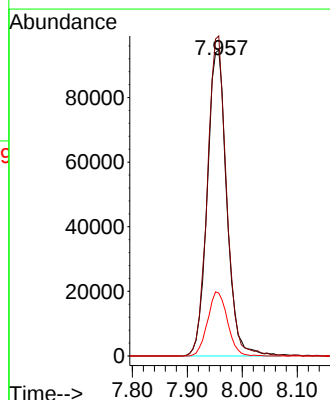
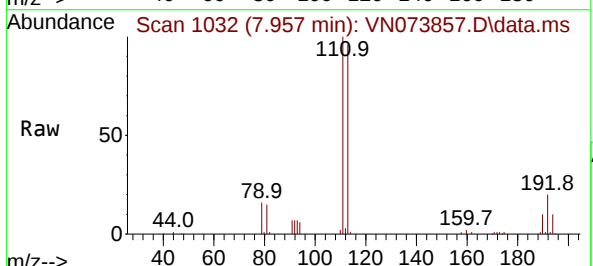
Tgt Ion:113 Resp: 233676

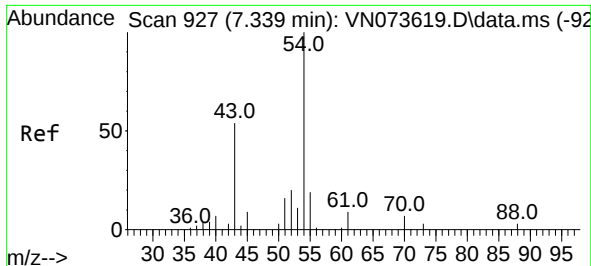
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 21.3 17.0 25.6

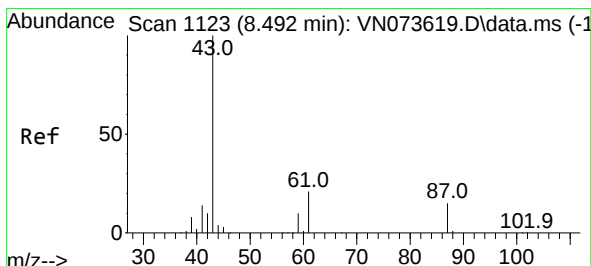
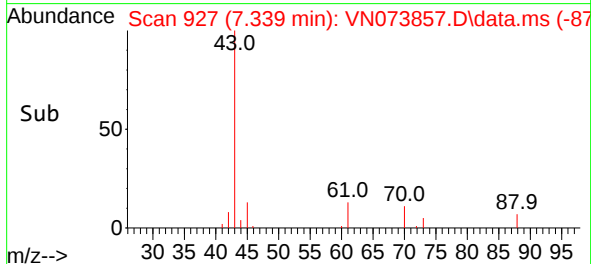
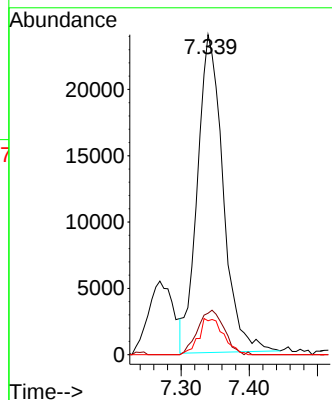
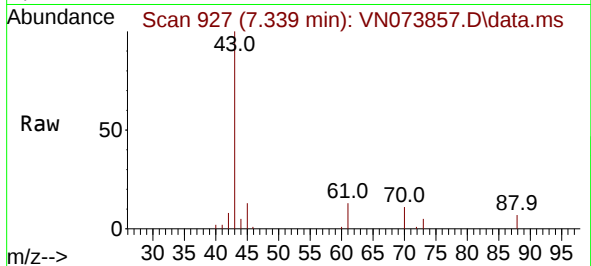




#37
Ethyl Acetate
Concen: 7.725 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073857.D
Acq: 12 Aug 2022 17:27

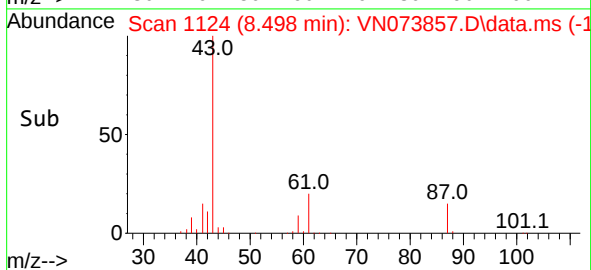
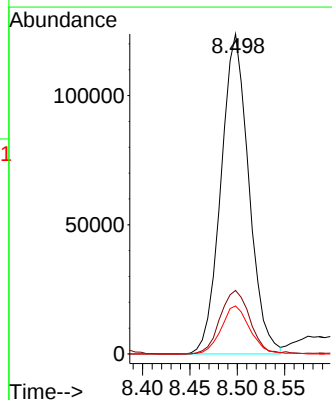
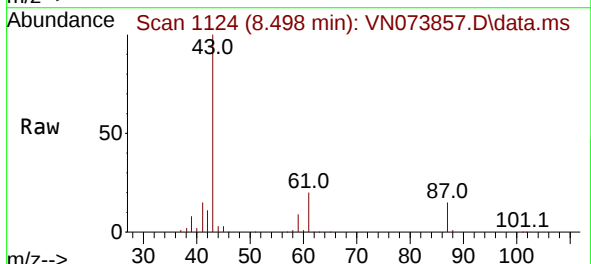
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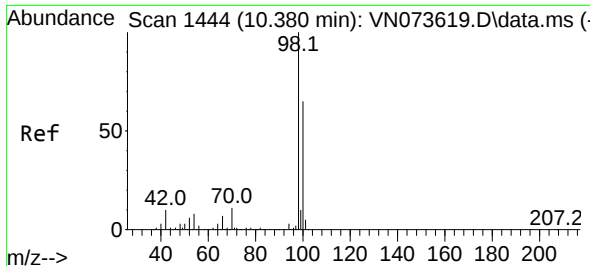
Tgt Ion:	43	Resp:	62677
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.8	17.6
70	11.0	9.3	13.9



#43
Isopropyl Acetate
Concen: 23.140 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073857.D
Acq: 12 Aug 2022 17:27

Tgt Ion:	43	Resp:	253570
Ion	Ratio	Lower	Upper
43	100		
61	21.3	21.9	32.9#
87	15.5	12.0	18.0

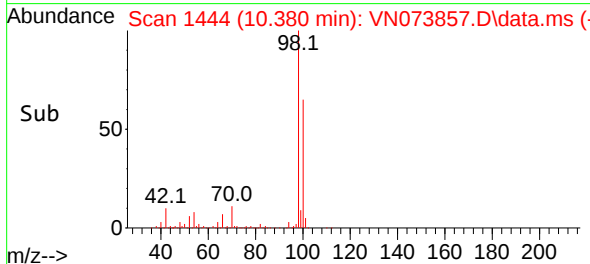
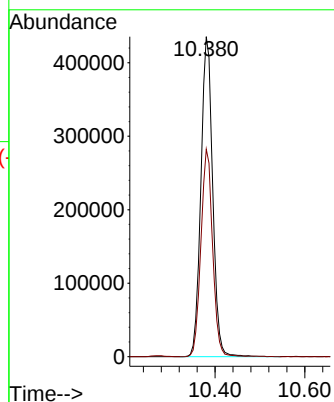
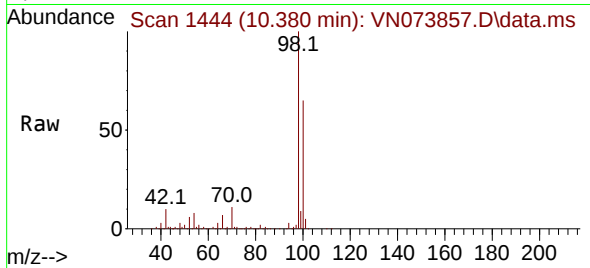




#50
Toluene-d8
Concen: 46.543 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073857.D
Acq: 12 Aug 2022 17:27

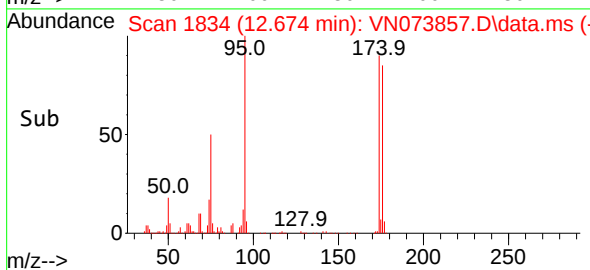
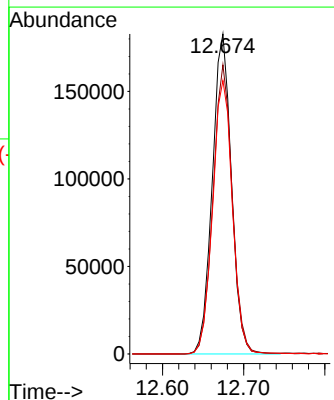
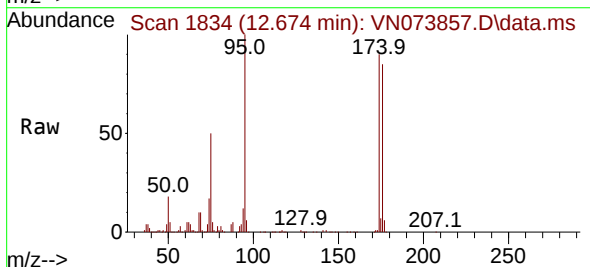
Instrument :
MSVOA_N
ClientSampleId :
PB146944ZHE#04

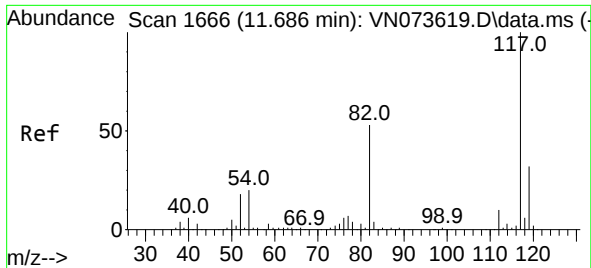
Tgt Ion: 98 Resp: 791651
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.050 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073857.D
Acq: 12 Aug 2022 17:27

Tgt Ion: 95 Resp: 298869
Ion Ratio Lower Upper
95 100
174 91.6 0.0 167.6
176 88.4 0.0 163.4

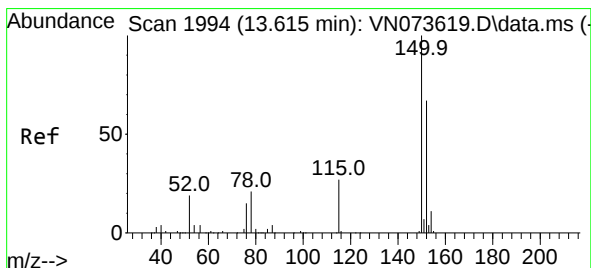
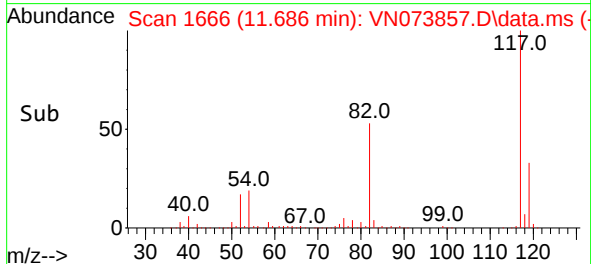
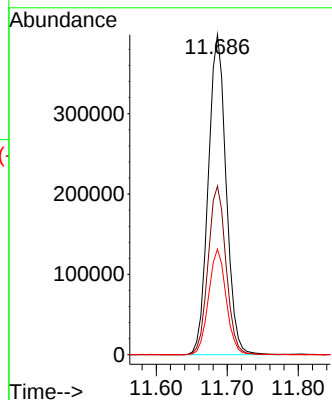
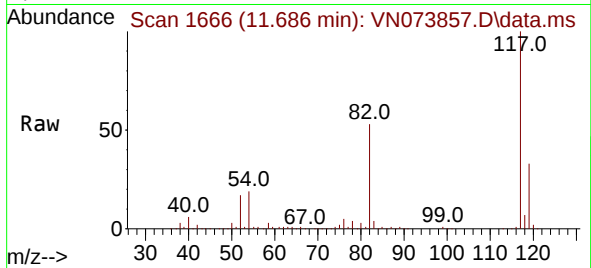




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073857.D
Acq: 12 Aug 2022 17:27

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Tgt Ion:117 Resp: 696013
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073857.D
Acq: 12 Aug 2022 17:27

Tgt Ion:152 Resp: 326606
Ion Ratio Lower Upper
152 100
115 55.1 28.9 86.7
150 158.7 0.0 356.2

