

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074030.D
 Acq On : 19 Aug 2022 16:38
 Operator : JC\MD
 Sample : PB147119ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB147119ZHE#01

Quant Time: Aug 20 03:05:31 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)

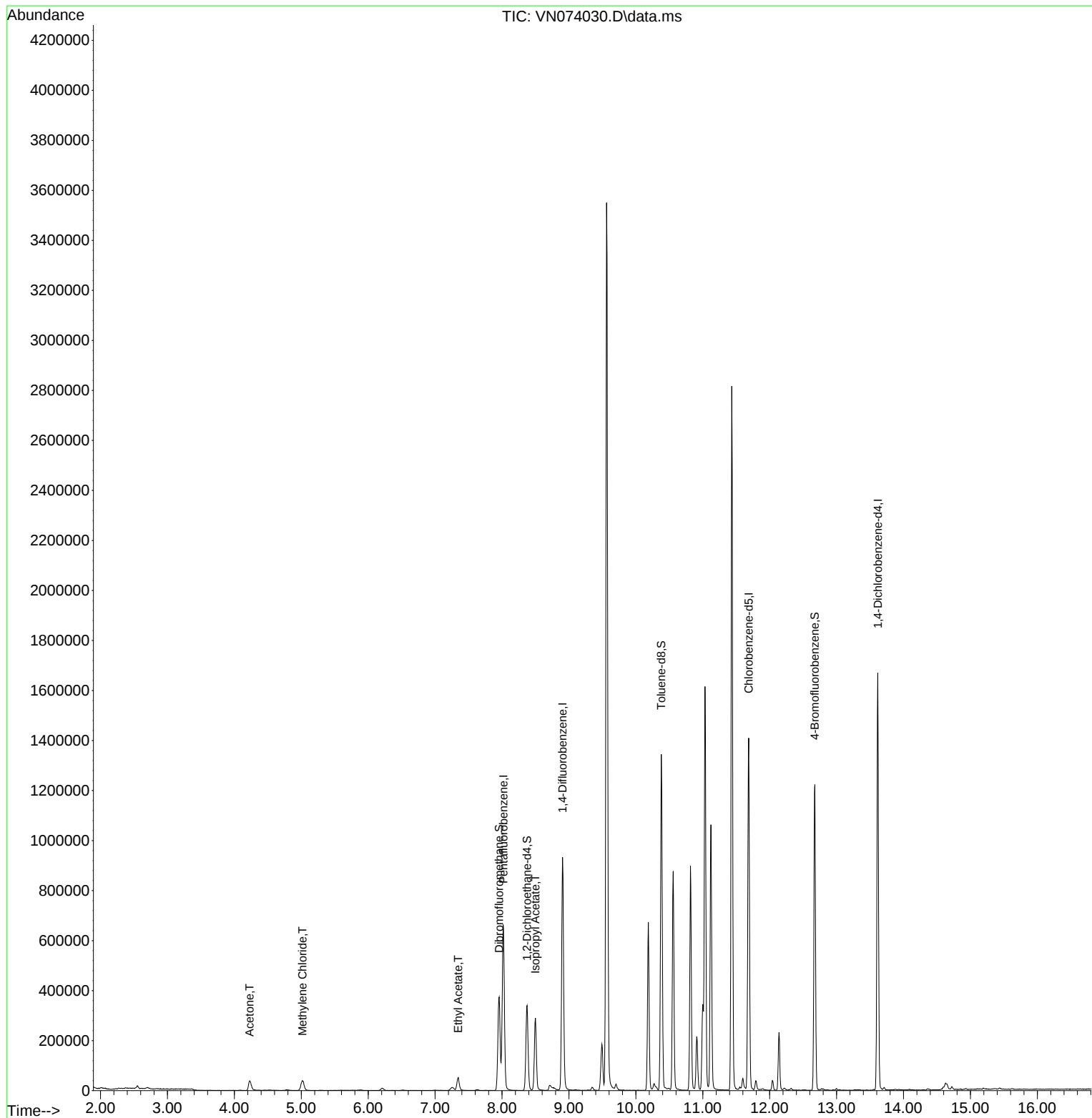
Internal Standards						
1) Pentafluorobenzene	8.022	168	555290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	864817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	878087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	478675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	287978	53.245	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.500%	
35) Dibromofluoromethane	7.957	113	277991	54.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.700%	
50) Toluene-d8	10.381	98	946851	47.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.600%	
62) 4-Bromofluorobenzene	12.674	95	412187	62.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 125.400%#	
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	74987	29.387	ug/l	95
20) Methylene Chloride	5.016	84	35433	6.581	ug/l	92
37) Ethyl Acetate	7.345	43	77876	9.049	ug/l	98
43) Isopropyl Acetate	8.498	43	322240	26.283	ug/l #	93

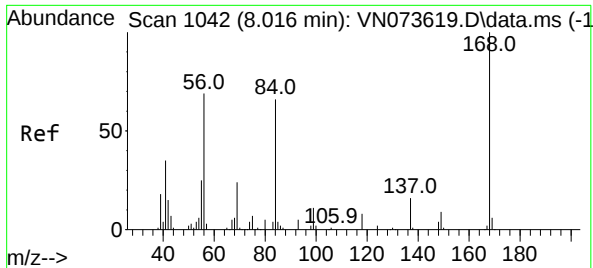
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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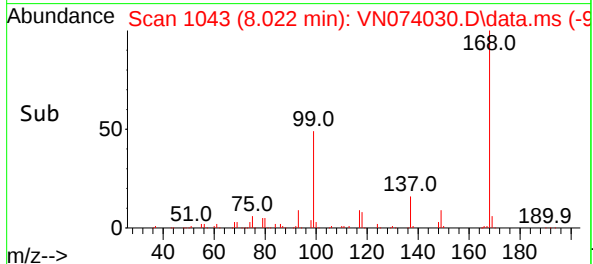
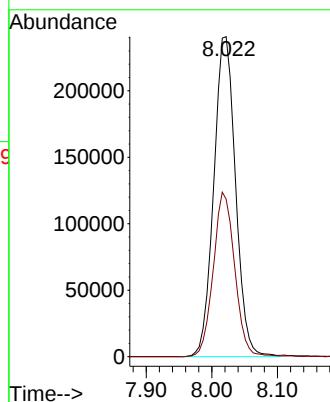
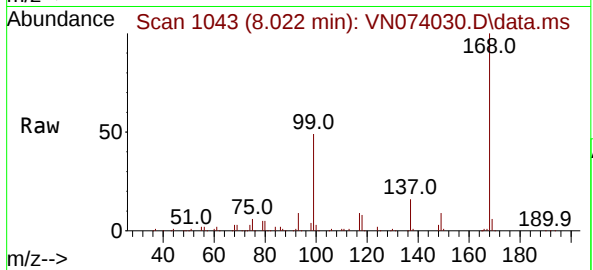




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074030.D
Acq: 19 Aug 2022 16:38

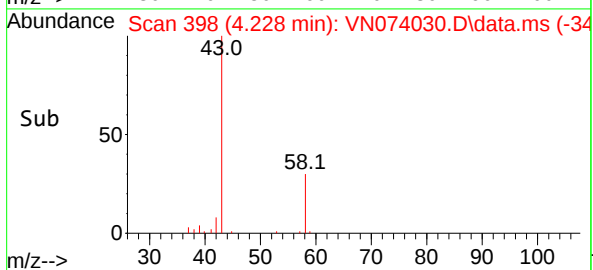
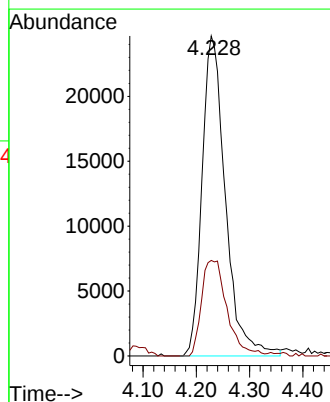
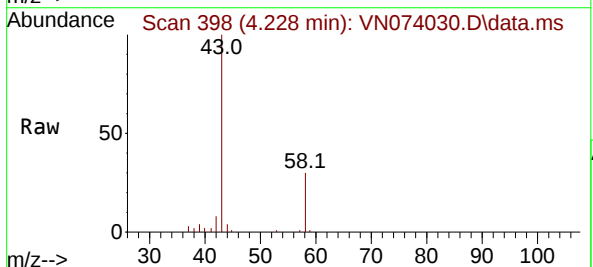
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#01

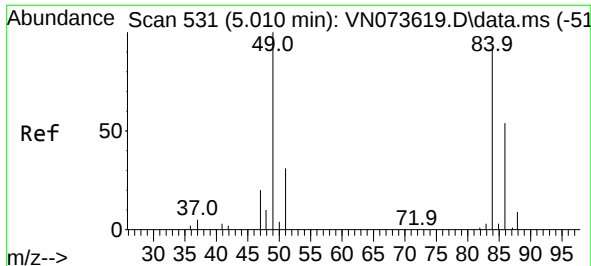
Tgt Ion:168 Resp: 555290
Ion Ratio Lower Upper
168 100
99 49.3 42.3 63.5



#16
Acetone
Concen: 29.387 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074030.D
Acq: 19 Aug 2022 16:38

Tgt Ion: 43 Resp: 74987
Ion Ratio Lower Upper
43 100
58 29.8 26.0 39.0

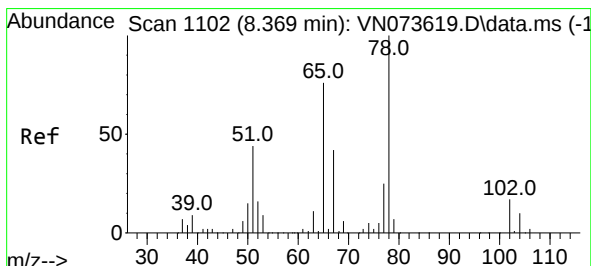
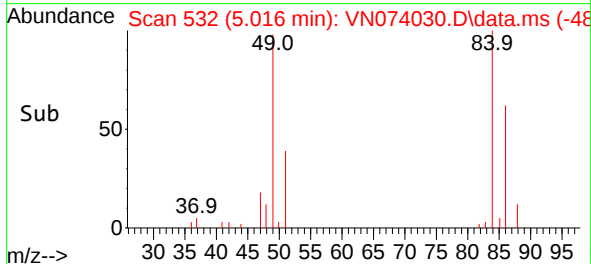
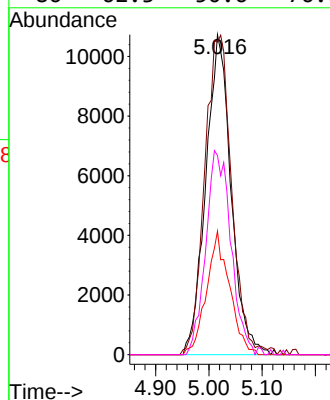
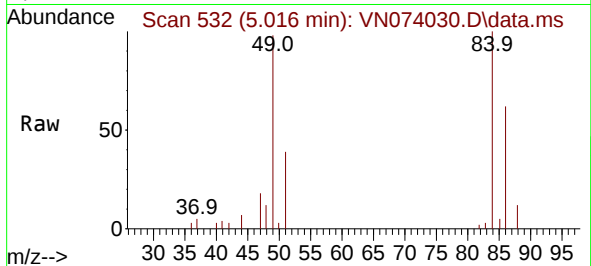




#20
Methylene Chloride
Concen: 6.581 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074030.D
Acq: 19 Aug 2022 16:38

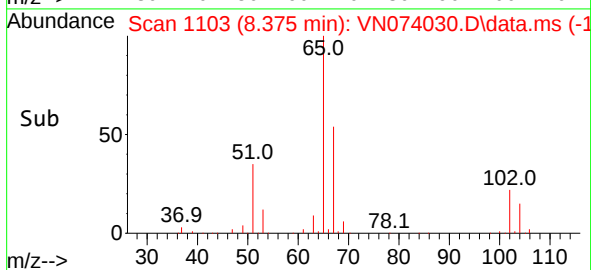
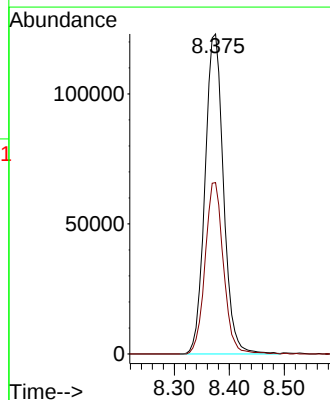
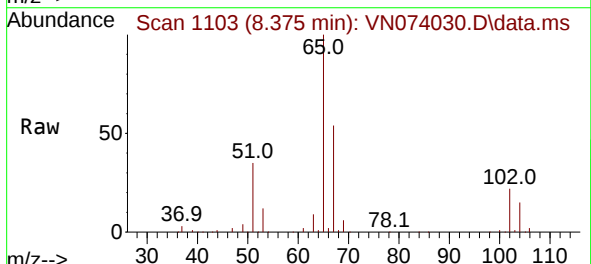
Instrument :
MSVOA_N
ClientSampleId :
PB147119ZHE#01

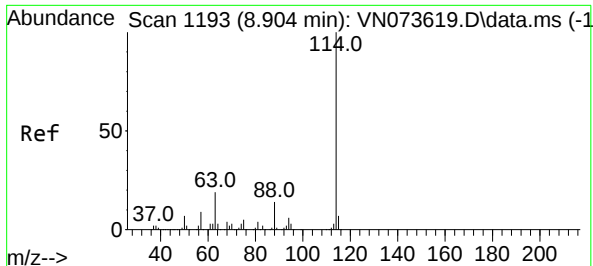
Tgt Ion: 84	Resp: 35433
Ion Ratio	Lower Upper
84 100	
49 97.7	88.3 132.5
51 38.6	28.2 42.2
86 62.3	50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 53.245 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074030.D
Acq: 19 Aug 2022 16:38

Tgt Ion: 65	Resp: 287978
Ion Ratio	Lower Upper
65 100	
67 53.0	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: VN074030.D

Acq: 19 Aug 2022 16:38

Instrument :

MSVOA_N

ClientSampleId :

PB147119ZHE#01

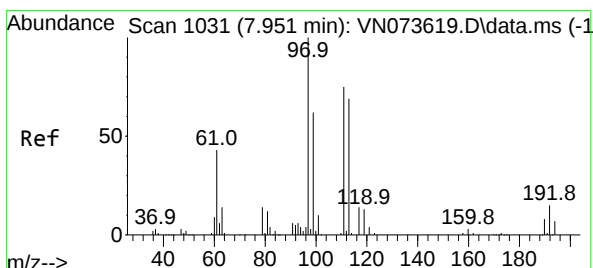
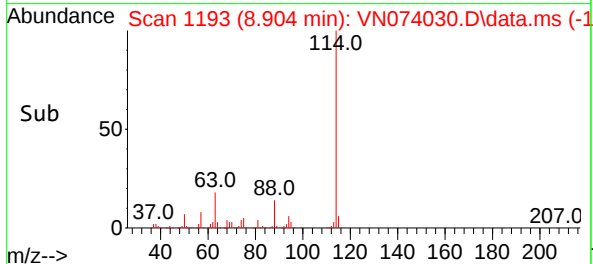
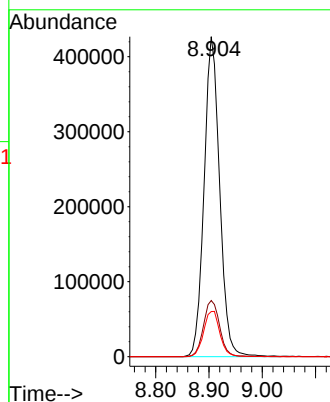
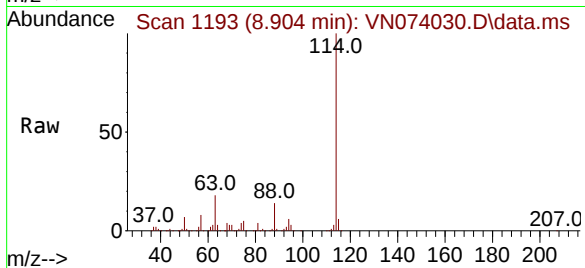
Tgt Ion:114 Resp: 864817

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 14.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.354 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074030.D

Acq: 19 Aug 2022 16:38

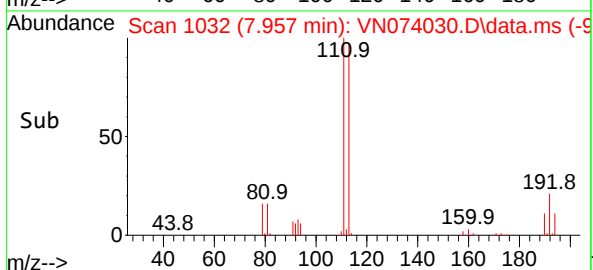
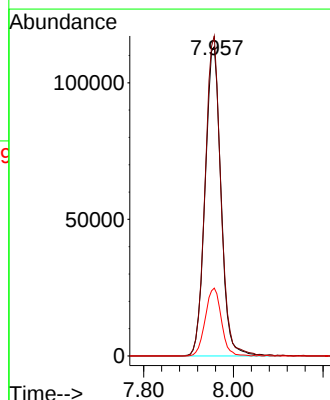
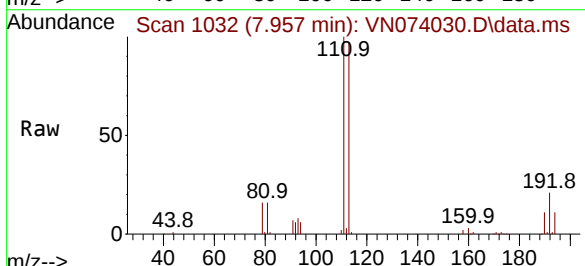
Tgt Ion:113 Resp: 277991

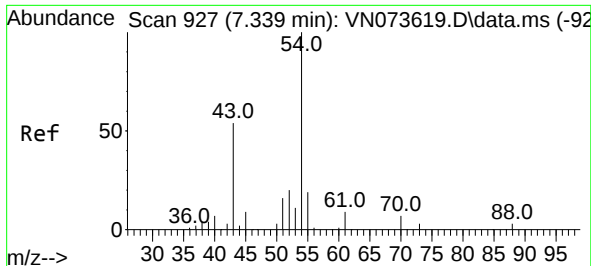
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 22.2 17.0 25.6

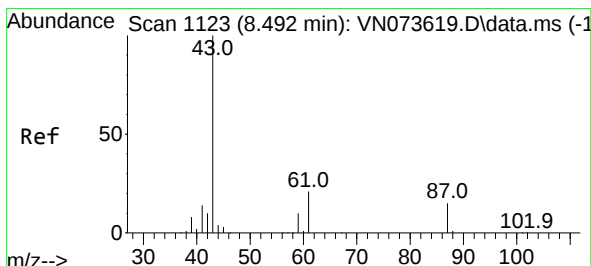
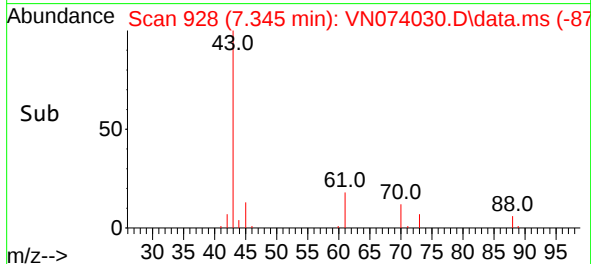
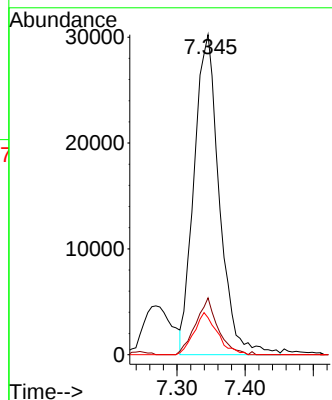
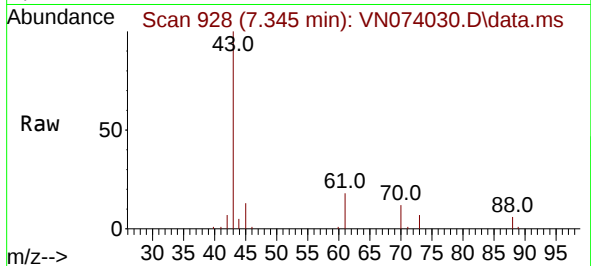




#37
Ethyl Acetate
Concen: 9.049 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074030.D
Acq: 19 Aug 2022 16:38

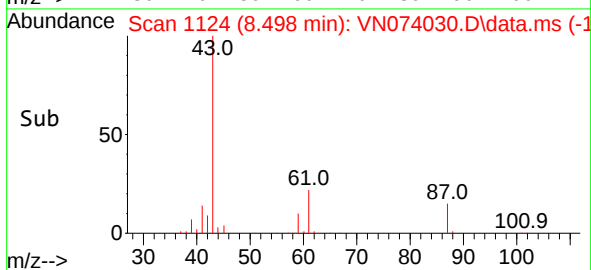
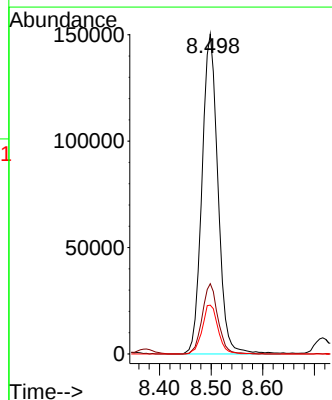
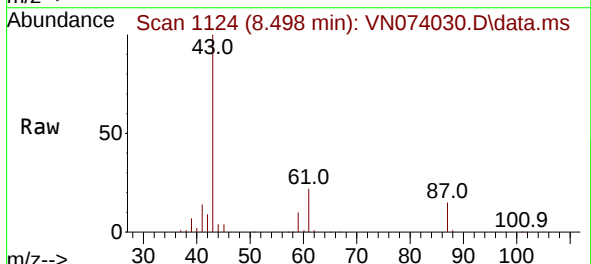
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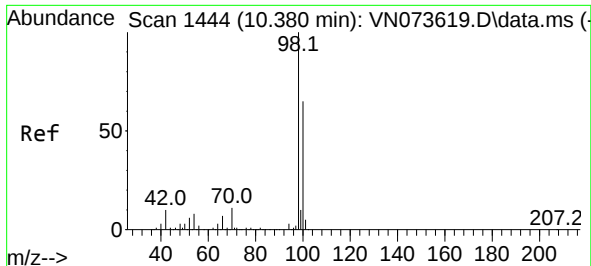
Tgt Ion: 43 Resp: 77876
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.6
70 12.1 9.3 13.9



#43
Isopropyl Acetate
Concen: 26.283 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074030.D
Acq: 19 Aug 2022 16:38

Tgt Ion: 43 Resp: 322240
Ion Ratio Lower Upper
43 100
61 21.6 21.9 32.9#
87 15.1 12.0 18.0

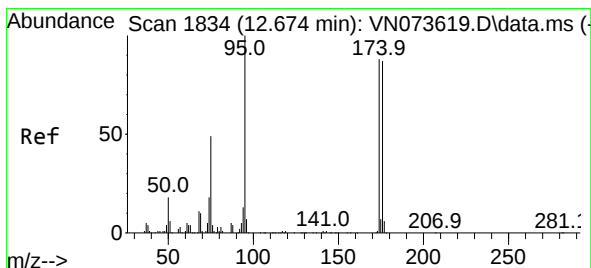
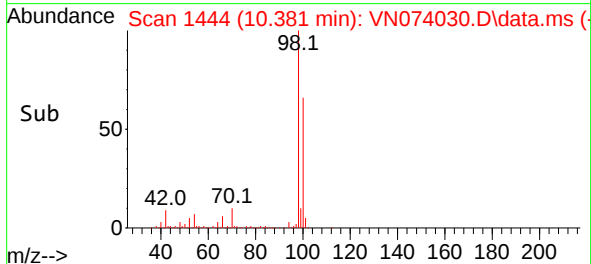
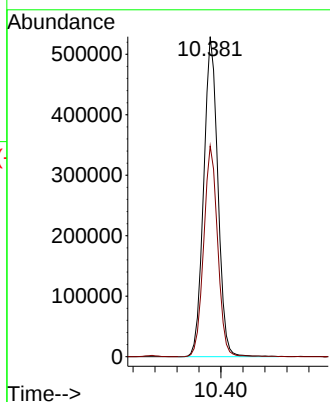
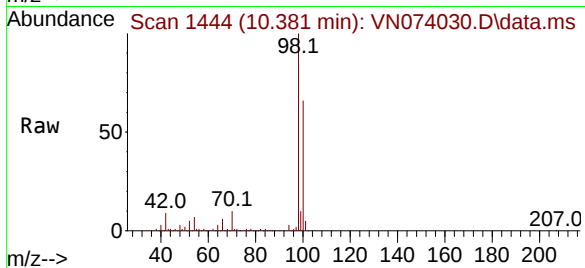




#50
Toluene-d8
Concen: 47.802 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074030.D
Acq: 19 Aug 2022 16:38

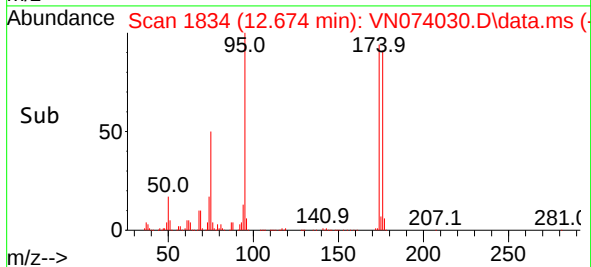
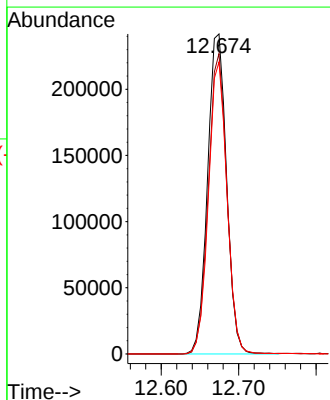
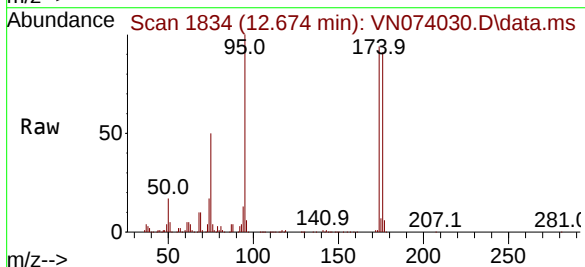
Instrument :
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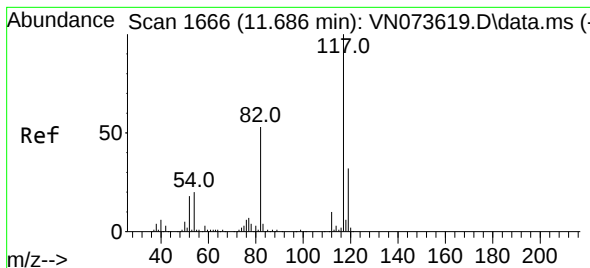
Tgt Ion: 98 Resp: 946851
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 62.701 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074030.D
Acq: 19 Aug 2022 16:38

Tgt Ion: 95 Resp: 412187
Ion Ratio Lower Upper
95 100
174 91.4 0.0 167.6
176 88.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074030.D

Acq: 19 Aug 2022 16:38

Instrument :

MSVOA_N

ClientSampleId :

PB147119ZHE#01

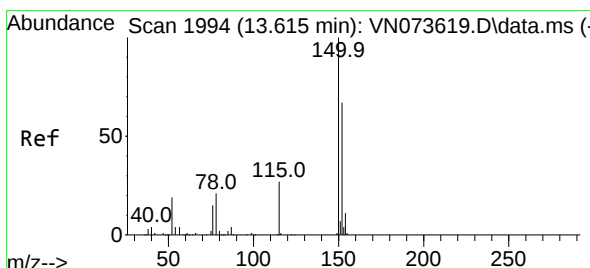
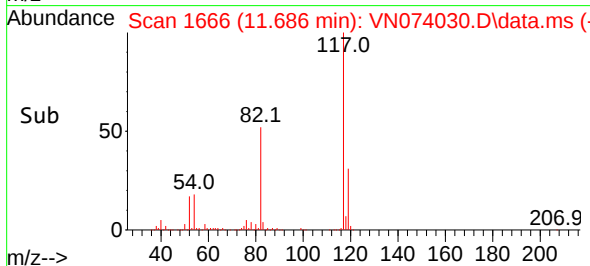
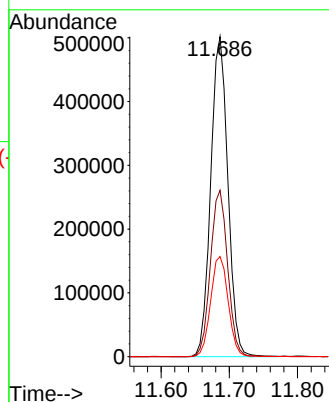
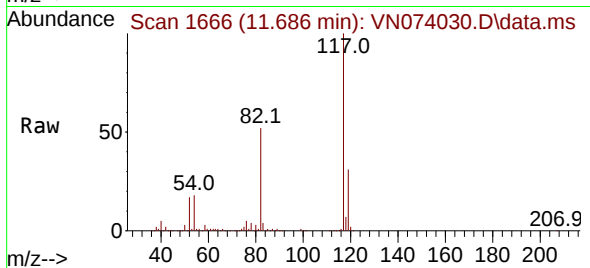
Tgt Ion:117 Resp: 878087

Ion Ratio Lower Upper

117 100

82 52.0 44.2 66.2

119 31.3 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: VN074030.D

Acq: 19 Aug 2022 16:38

Tgt Ion:152 Resp: 478675

Ion Ratio Lower Upper

152 100

115 55.5 28.9 86.7

150 156.2 0.0 356.2

