

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074041.D
 Acq On : 19 Aug 2022 21:10
 Operator : JC\MD
 Sample : N4247-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-4

Quant Time: Aug 20 03:09:39 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)

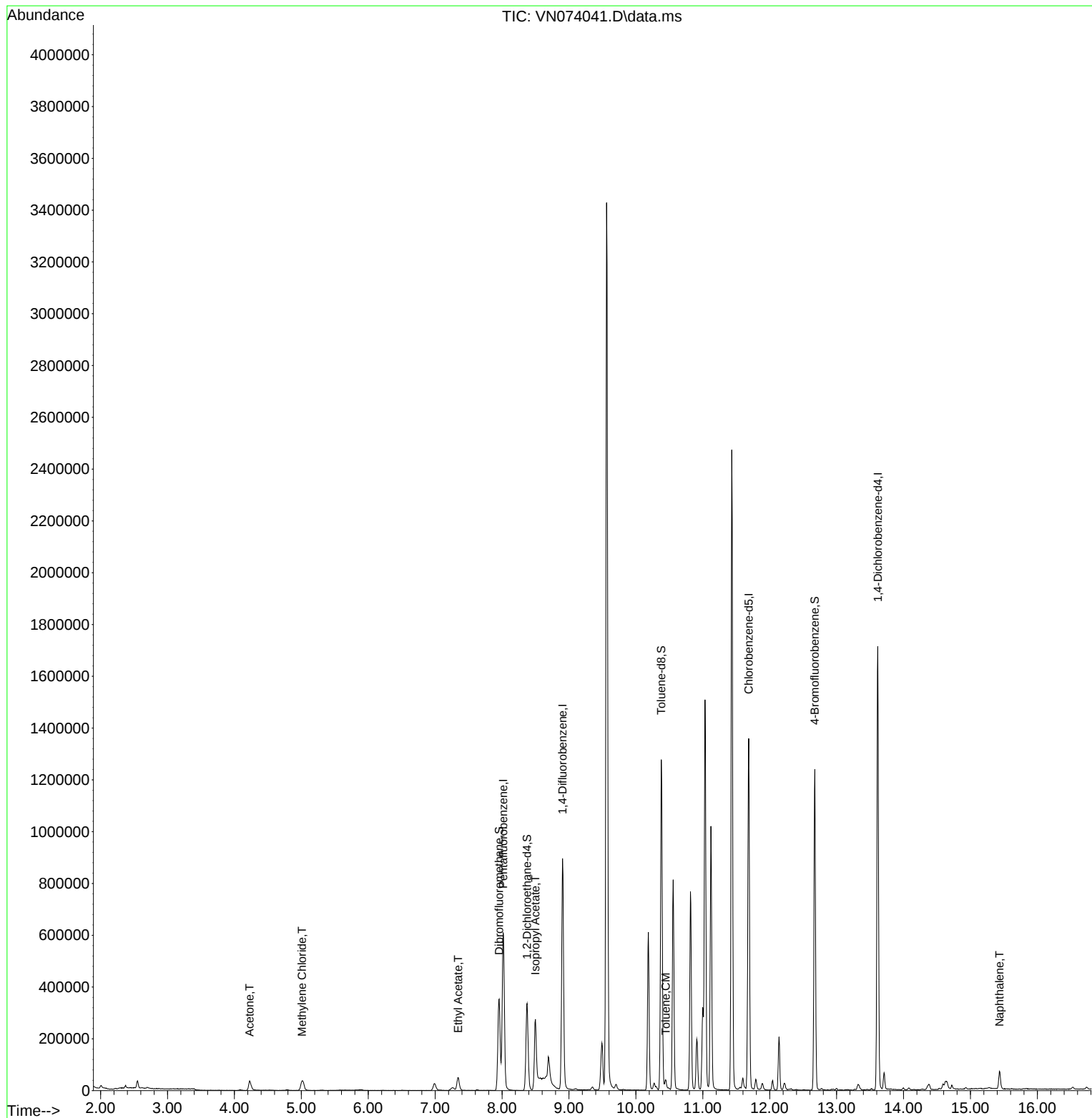
Internal Standards						
1) Pentafluorobenzene	8.016	168	515674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	821462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	845121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	505065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	279309	55.610	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.220%	
35) Dibromofluoromethane	7.957	113	263660	54.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.540%	
50) Toluene-d8	10.380	98	906301	48.170	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.340%	
62) 4-Bromofluorobenzene	12.674	95	406664	65.126	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 130.260%#	
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	62916	26.551	ug/l	98
20) Methylene Chloride	5.010	84	34321	6.864	ug/l	91
37) Ethyl Acetate	7.345	43	79952	9.780	ug/l	99
43) Isopropyl Acetate	8.498	43	339410	29.145	ug/l #	90
52) Toluene	10.445	92	16628	1.139	ug/l	94
95) Naphthalene	15.433	128	62549	1.768	ug/l	100

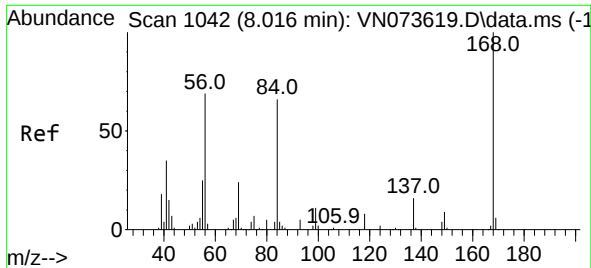
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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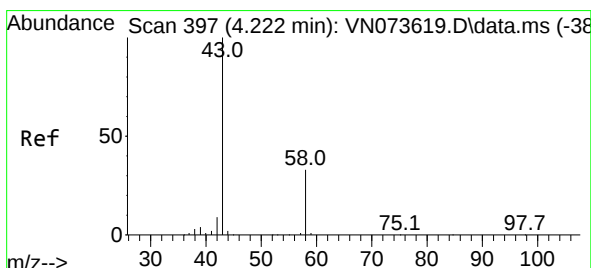
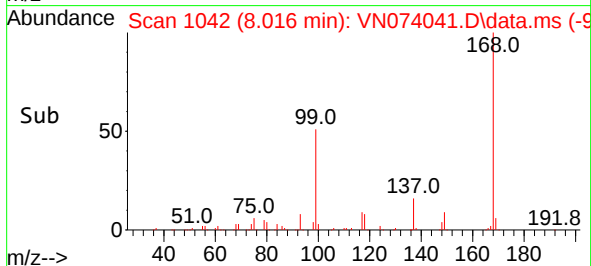
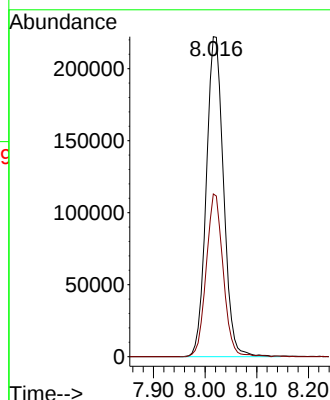
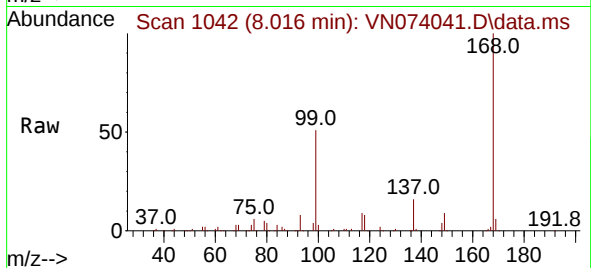




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074041.D
Acq: 19 Aug 2022 21:10

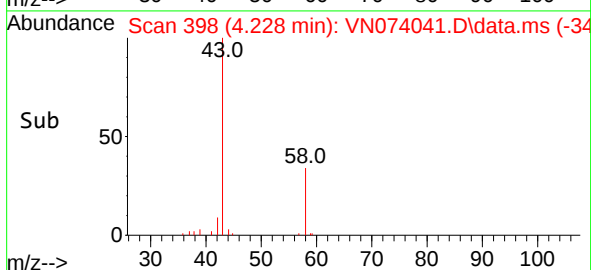
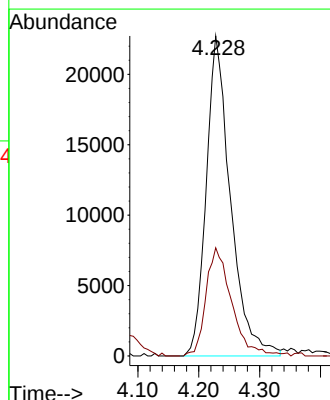
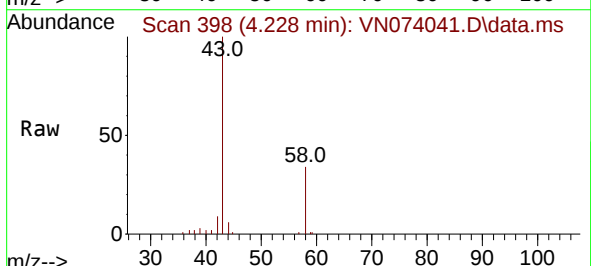
Instrument :
MSVOA_N
ClientSampleId :
SB-4

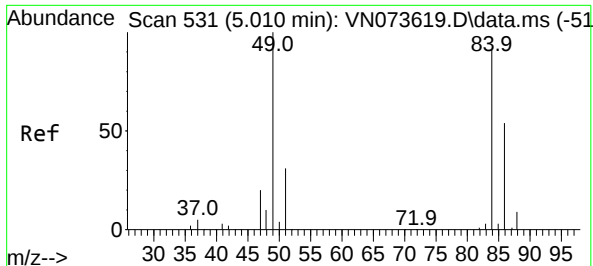
Tgt Ion:168 Resp: 515674
Ion Ratio Lower Upper
168 100
99 50.8 42.3 63.5



#16
Acetone
Concen: 26.551 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074041.D
Acq: 19 Aug 2022 21:10

Tgt Ion: 43 Resp: 62916
Ion Ratio Lower Upper
43 100
58 33.8 26.0 39.0

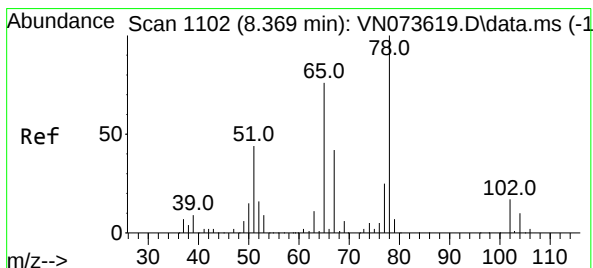
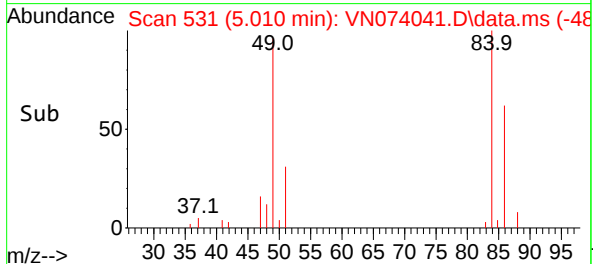
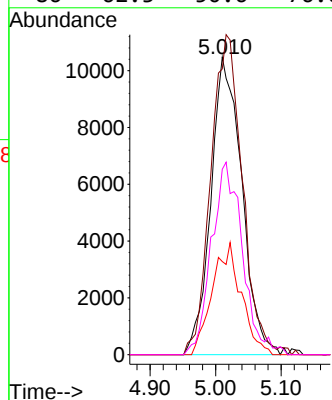
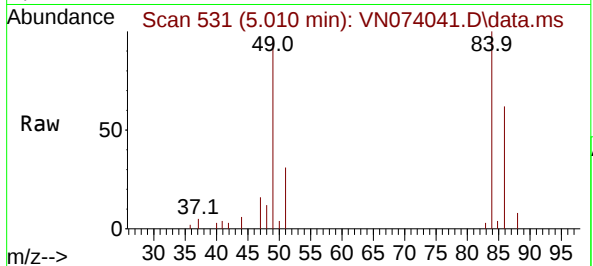




#20
Methylene Chloride
Concen: 6.864 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074041.D
Acq: 19 Aug 2022 21:10

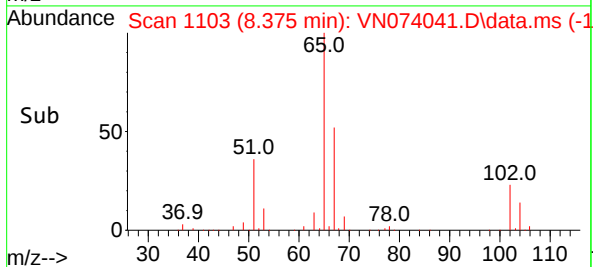
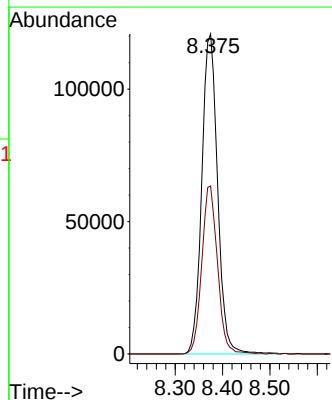
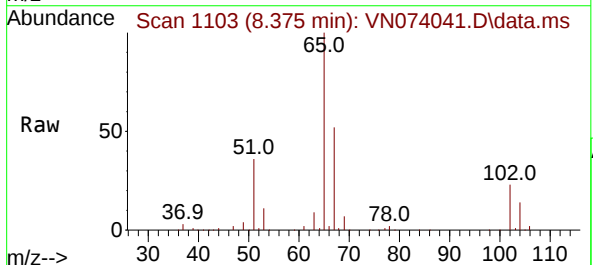
Instrument :
MSVOA_N
ClientSampleId :
SB-4

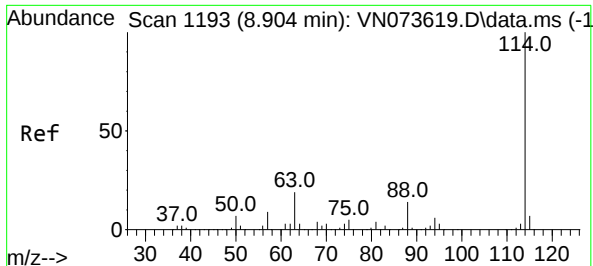
Tgt Ion: 84	Resp: 34321
Ion Ratio	Lower Upper
84 100	
49 96.0	88.3 132.5
51 31.3	28.2 42.2
86 62.3	50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 55.610 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074041.D
Acq: 19 Aug 2022 21:10

Tgt Ion: 65	Resp: 279309
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: VN074041.D

Acq: 19 Aug 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

SB-4

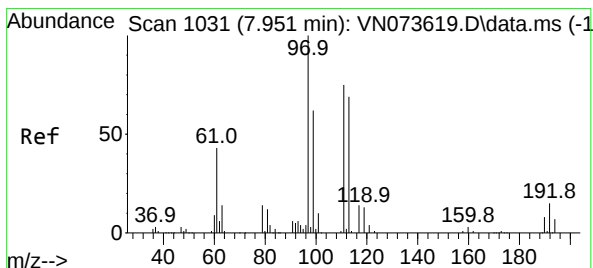
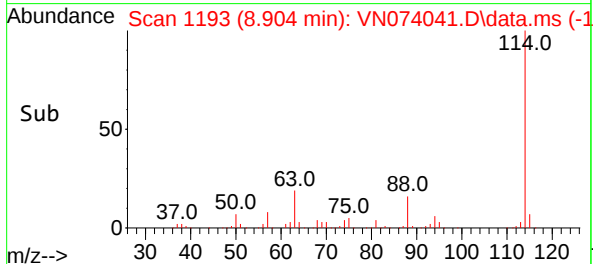
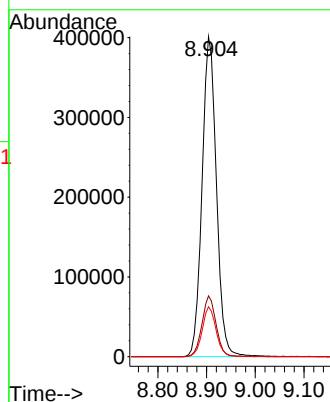
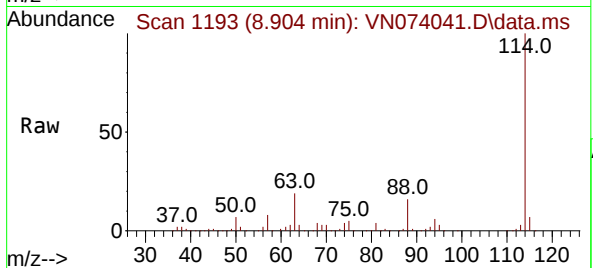
Tgt Ion:114 Resp: 821462

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.273 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074041.D

Acq: 19 Aug 2022 21:10

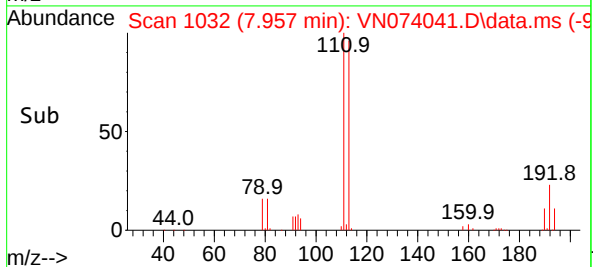
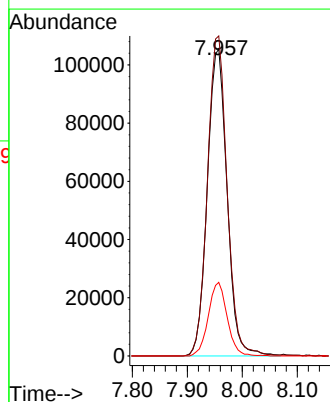
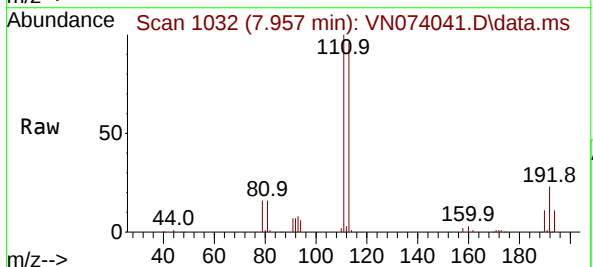
Tgt Ion:113 Resp: 263660

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 22.8 17.0 25.6

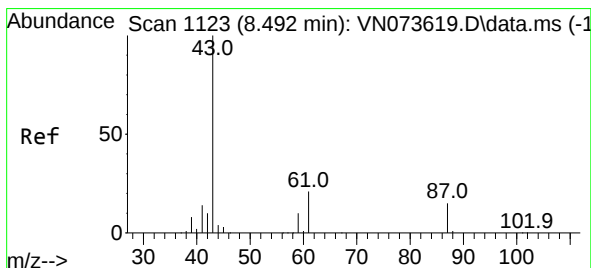
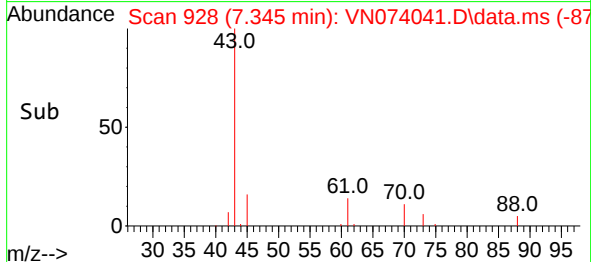
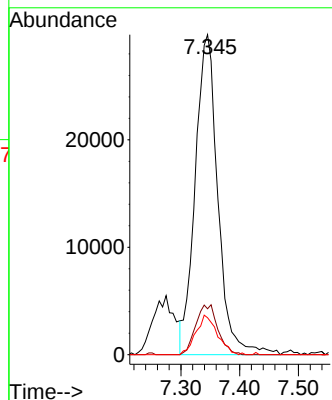
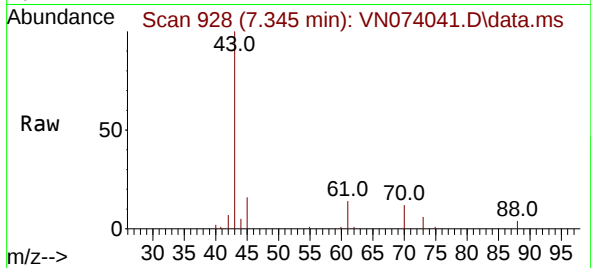




#37
Ethyl Acetate
Concen: 9.780 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074041.D
Acq: 19 Aug 2022 21:10

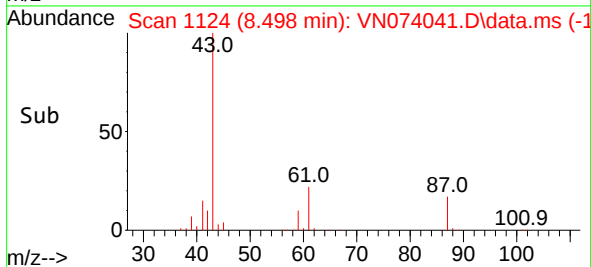
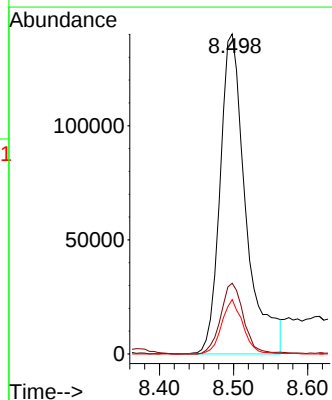
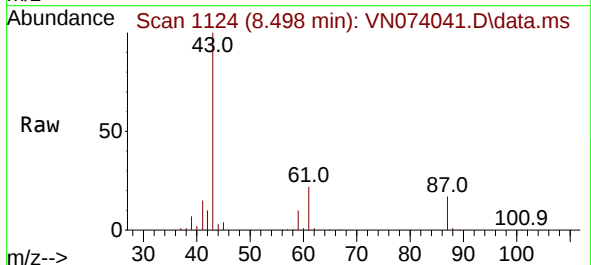
Instrument :
MSVOA_N
ClientSampleId :
SB-4

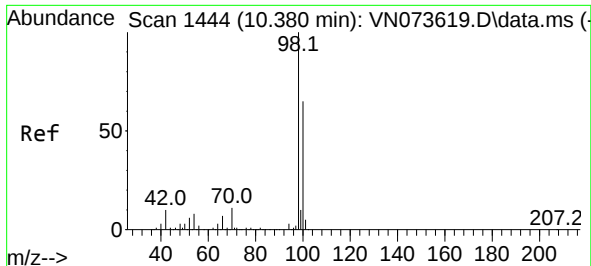
Tgt Ion: 43 Resp: 79952
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.7 9.3 13.9



#43
Isopropyl Acetate
Concen: 29.145 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074041.D
Acq: 19 Aug 2022 21:10

Tgt Ion: 43 Resp: 339410
Ion Ratio Lower Upper
43 100
61 19.9 21.9 32.9#
87 13.9 12.0 18.0

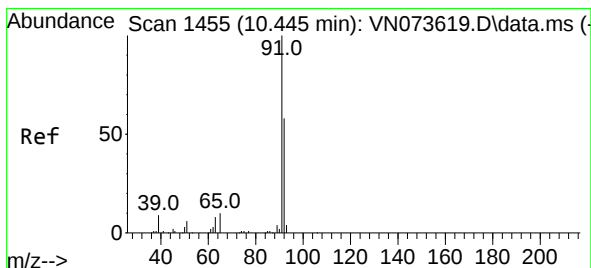
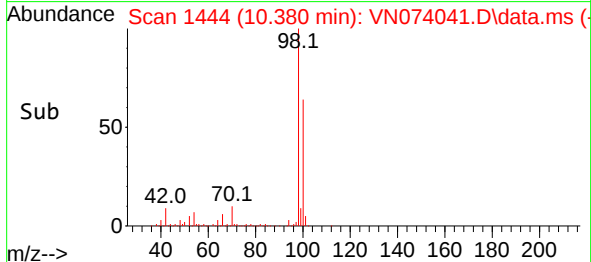
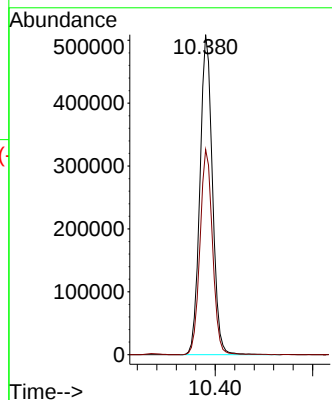
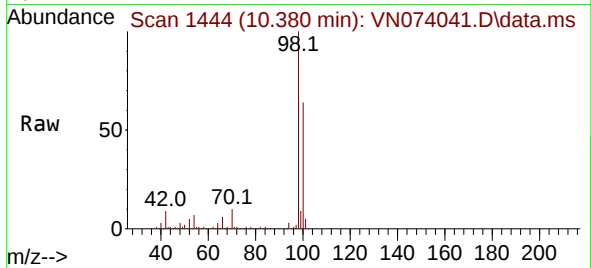




#50
Toluene-d8
Concen: 48.170 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074041.D
Acq: 19 Aug 2022 21:10

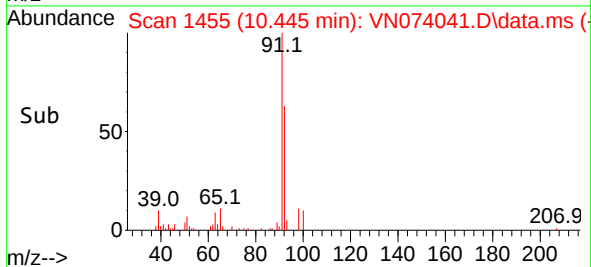
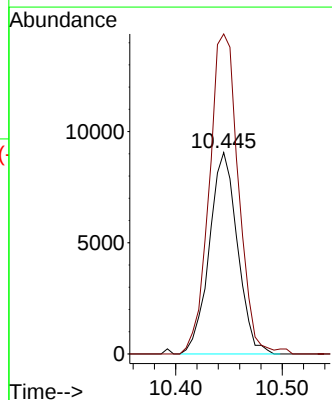
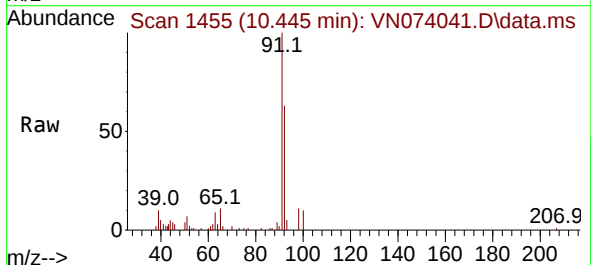
Instrument :
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ClientSampleId :
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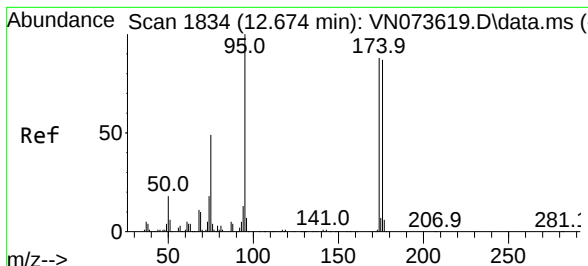
Tgt Ion: 98 Resp: 906301
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#52
Toluene
Concen: 1.139 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074041.D
Acq: 19 Aug 2022 21:10

Tgt Ion: 92 Resp: 16628
Ion Ratio Lower Upper
92 100
91 165.3 138.6 207.8

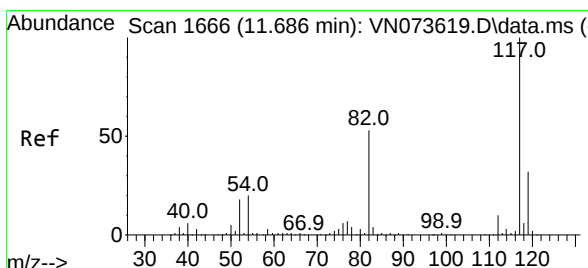
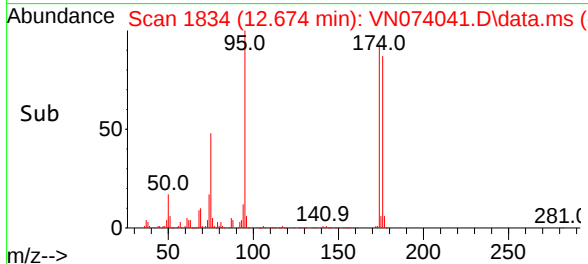
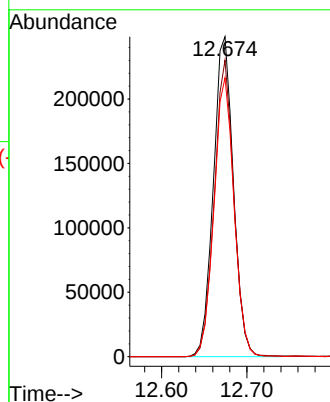
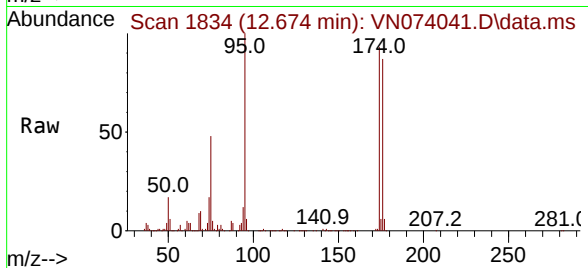




#62
4-Bromofluorobenzene
Concen: 65.126 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074041.D
Acq: 19 Aug 2022 21:10

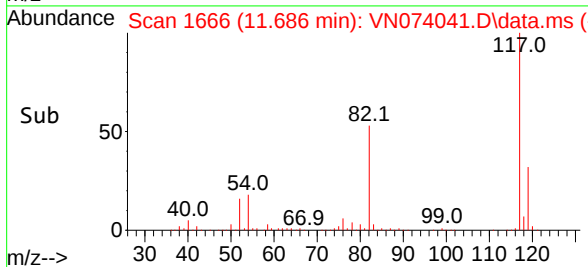
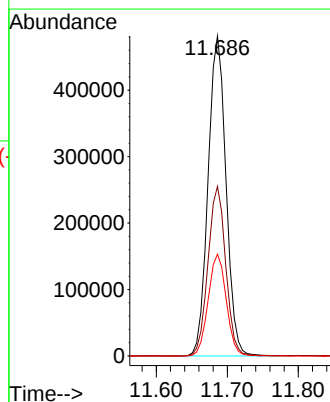
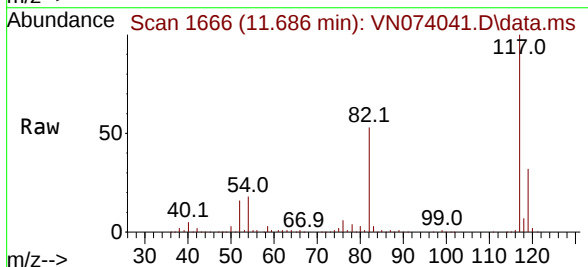
Instrument :
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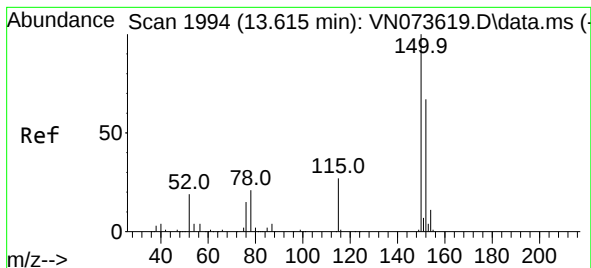
Tgt Ion: 95 Resp: 406664
Ion Ratio Lower Upper
95 100
174 90.5 0.0 167.6
176 87.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074041.D
Acq: 19 Aug 2022 21:10

Tgt Ion: 117 Resp: 845121
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 31.8 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: VN074041.D

Acq: 19 Aug 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

SB-4

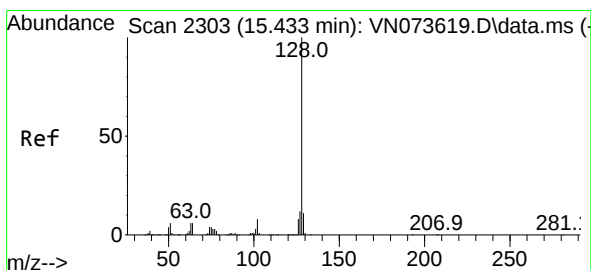
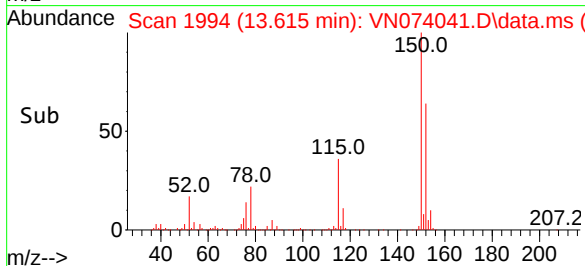
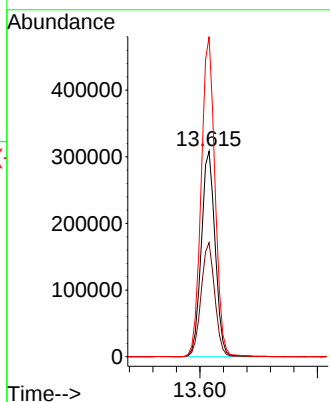
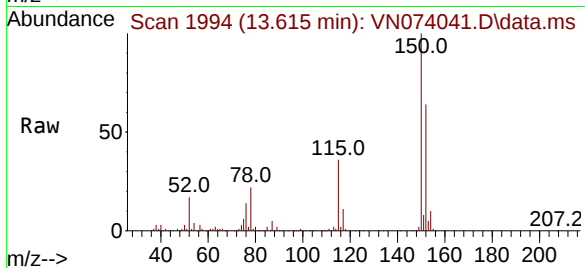
Tgt Ion:152 Resp: 505065

Ion Ratio Lower Upper

152 100

115 55.1 28.9 86.7

150 155.0 0.0 356.2



#95

Naphthalene

Concen: 1.768 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN074041.D

Acq: 19 Aug 2022 21:10

Tgt Ion:128 Resp: 62549

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.6 13.0

