

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074433.D
 Acq On : 13 Sep 2022 15:13
 Operator : JC\MD
 Sample : N4580-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CO-1

Quant Time: Sep 13 17:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

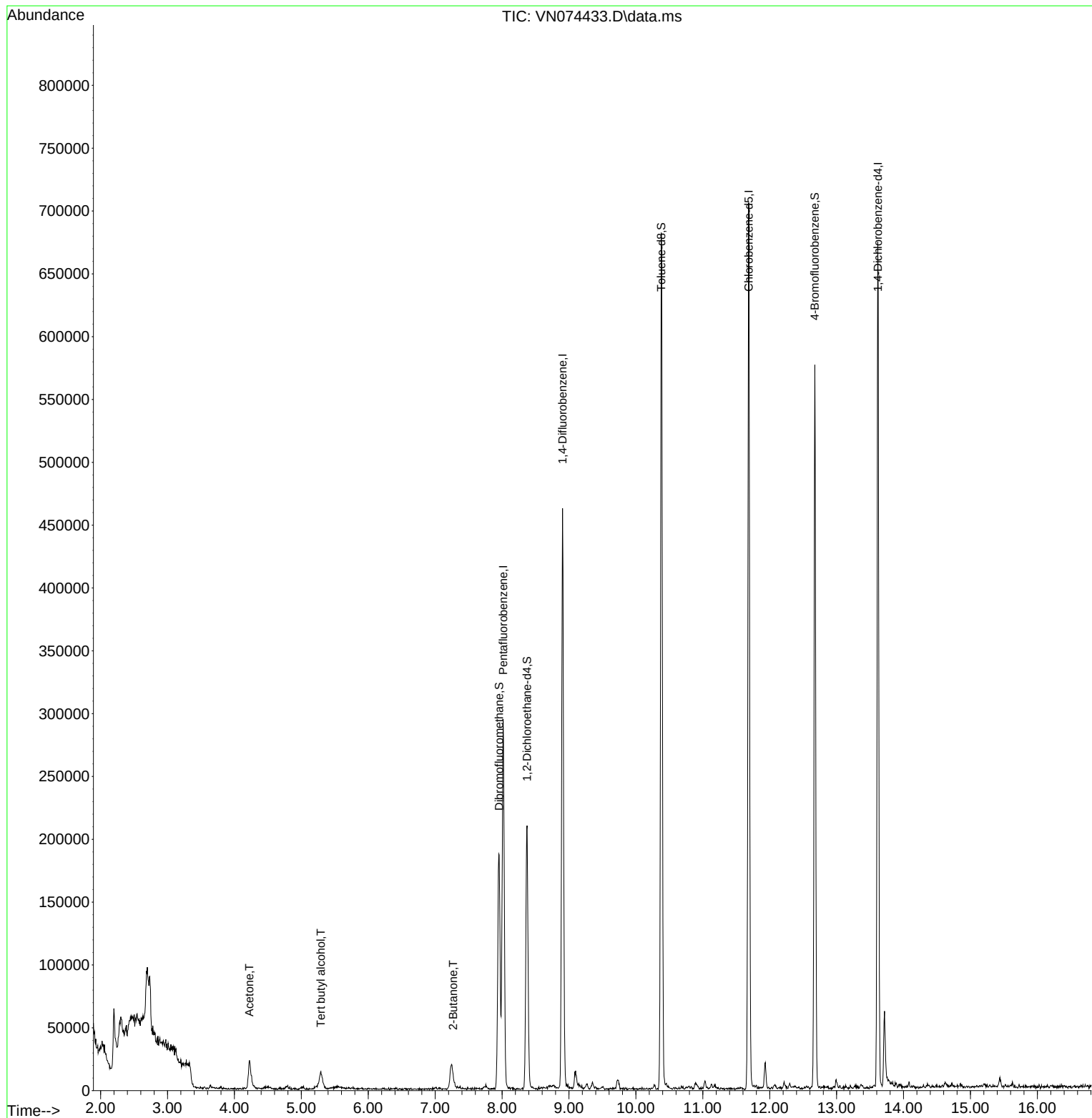
Internal Standards						
1) Pentafluorobenzene	8.016	168	193642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	352773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	347101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	154949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	164963	49.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.480%
35) Dibromofluoromethane	7.957	113	130341	54.729	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.460%
50) Toluene-d8	10.380	98	445829	48.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.674	95	170014	50.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.293	59	23598	26.929	ug/l #	90
16) Acetone	4.222	43	40253	22.255	ug/l	99
25) 2-Butanone	7.269	43	10434	3.437	ug/l	99

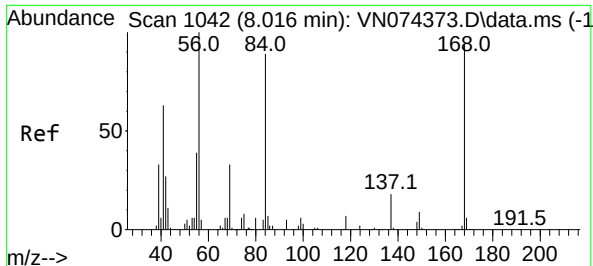
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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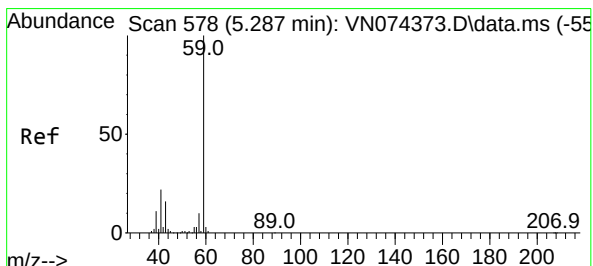
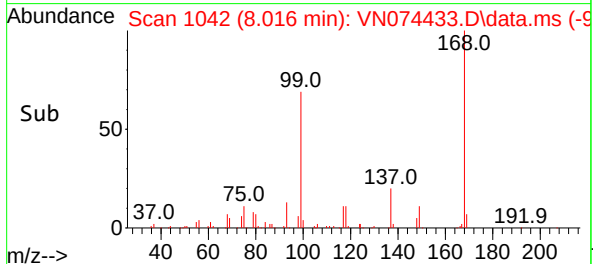
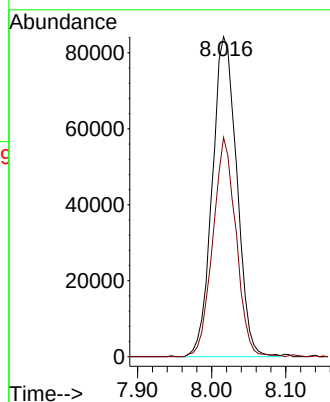
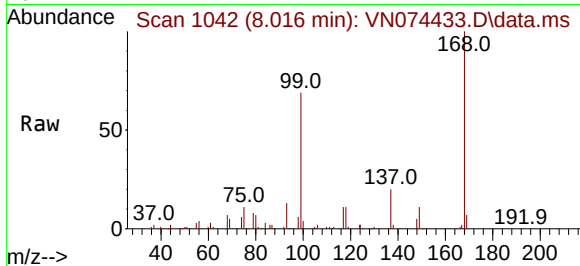




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074433.D
Acq: 13 Sep 2022 15:13

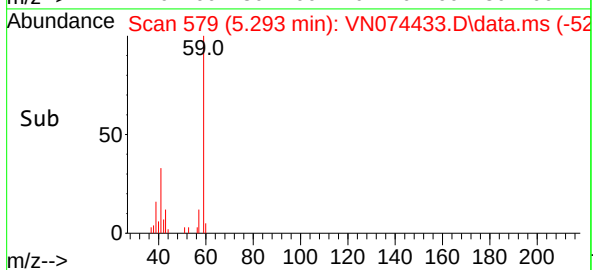
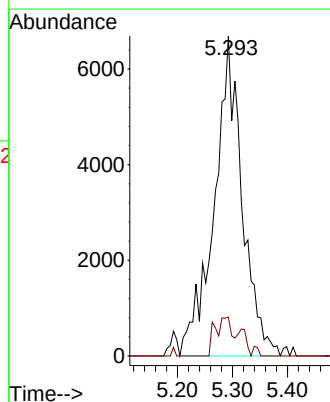
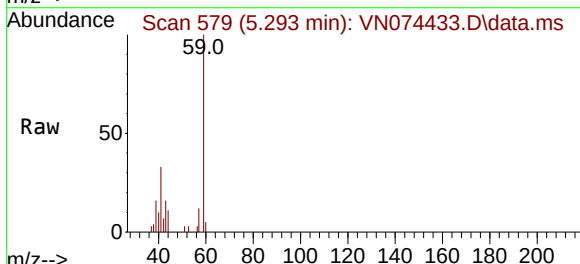
Instrument :
MSVOA_N
ClientSampleId :
CO-1

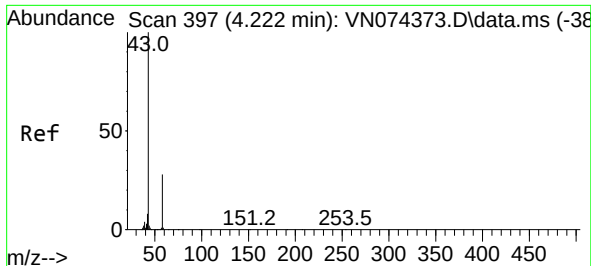
Tgt Ion:168 Resp: 193642
Ion Ratio Lower Upper
168 100
99 68.5 52.8 79.2



#11
Tert butyl alcohol
Concen: 26.929 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.006 min
Lab File: VN074433.D
Acq: 13 Sep 2022 15:13

Tgt Ion: 59 Resp: 23598
Ion Ratio Lower Upper
59 100
57 7.3 8.8 13.2#

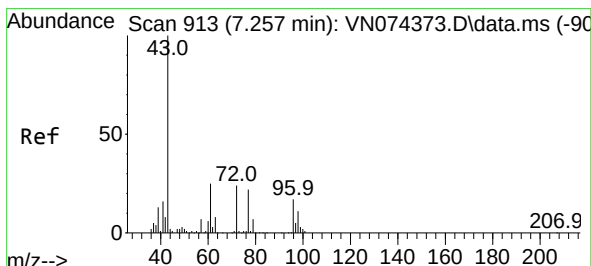
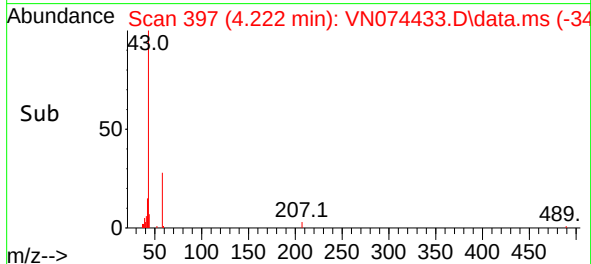
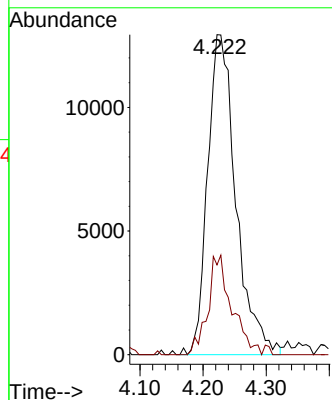
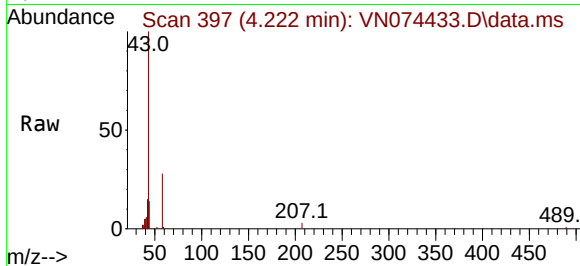




#16
Acetone
Concen: 22.255 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074433.D
Acq: 13 Sep 2022 15:13

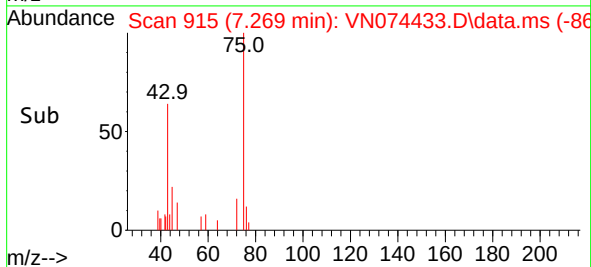
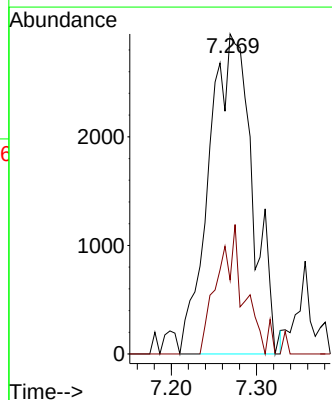
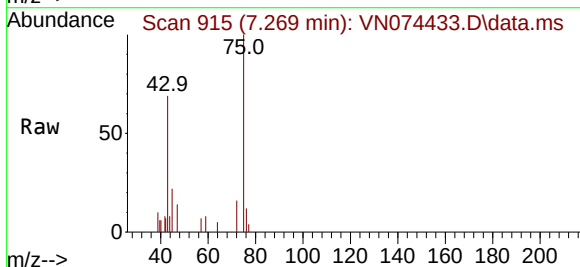
Instrument :
MSVOA_N
ClientSampleId :
CO-1

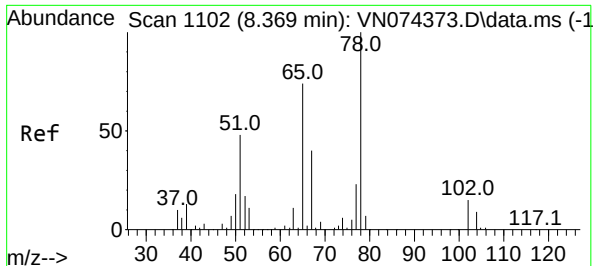
Tgt Ion: 43 Resp: 40253
Ion Ratio Lower Upper
43 100
58 28.1 22.7 34.1



#25
2-Butanone
Concen: 3.437 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN074433.D
Acq: 13 Sep 2022 15:13

Tgt Ion: 43 Resp: 10434
Ion Ratio Lower Upper
43 100
72 23.1 18.9 28.3





#33

1,2-Dichloroethane-d4

Concen: 49.238 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074433.D

Acq: 13 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

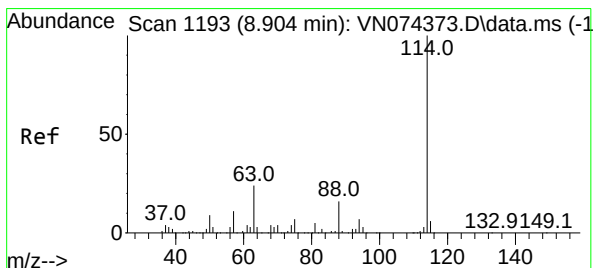
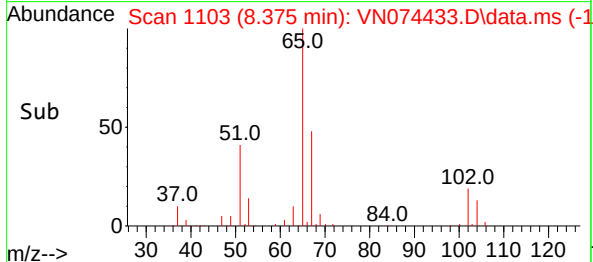
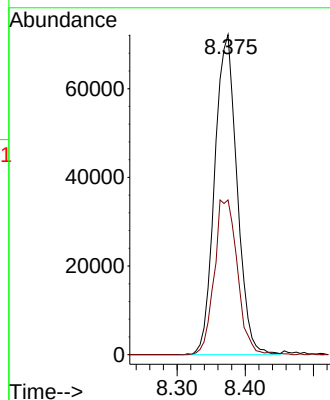
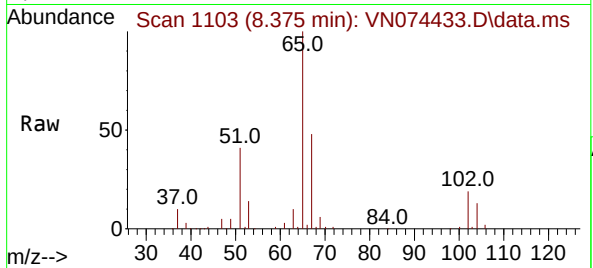
CO-1

Tgt Ion: 65 Resp: 164963

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074433.D

Acq: 13 Sep 2022 15:13

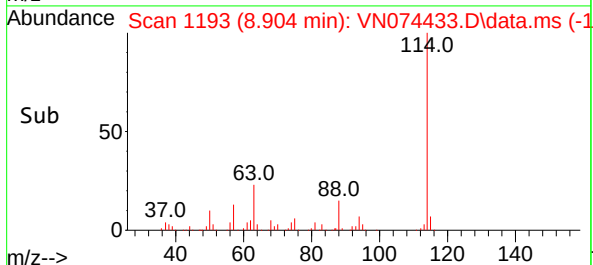
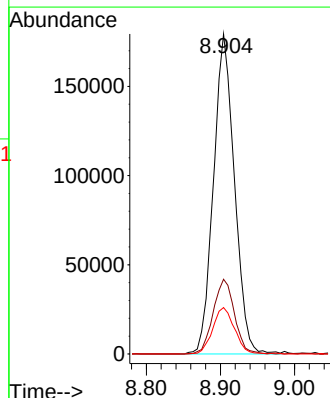
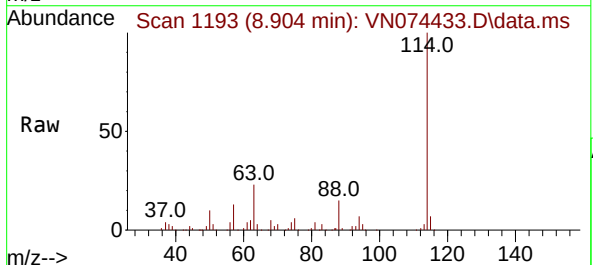
Tgt Ion: 114 Resp: 352773

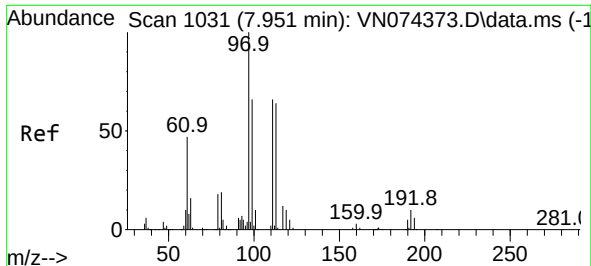
Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.6

88 14.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.729 ug/l

RT: 7.957 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN074433.D

Acq: 13 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

CO-1

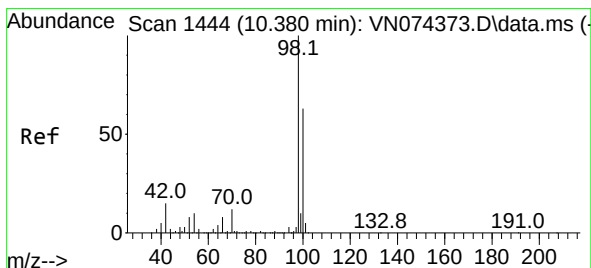
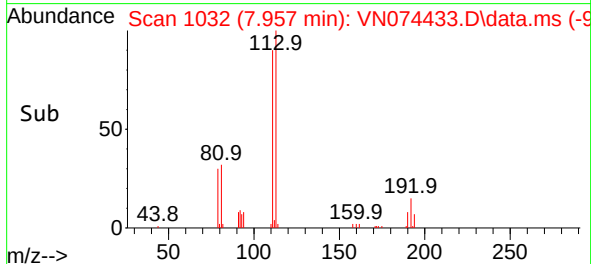
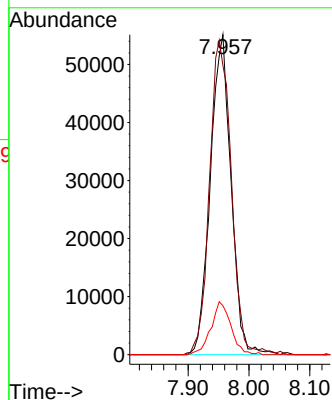
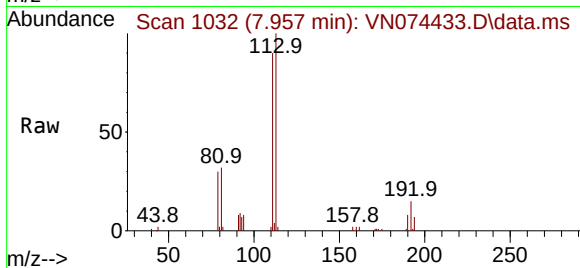
Tgt Ion:113 Resp: 130341

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

192 16.0 13.7 20.5



#50

Toluene-d8

Concen: 48.044 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074433.D

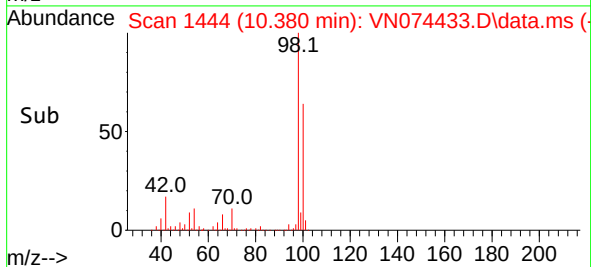
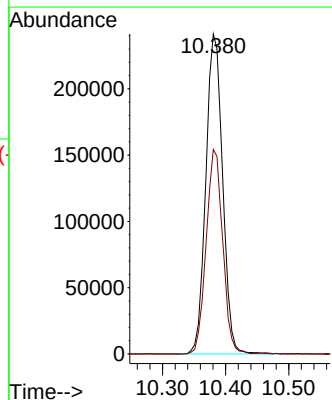
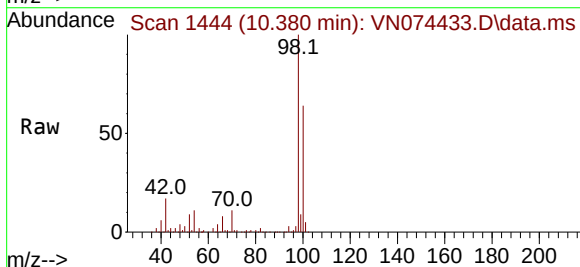
Acq: 13 Sep 2022 15:13

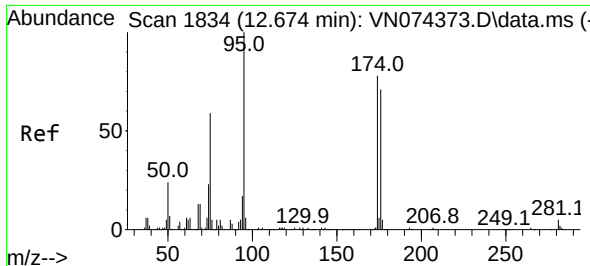
Tgt Ion: 98 Resp: 445829

Ion Ratio Lower Upper

98 100

100 62.9 50.6 76.0

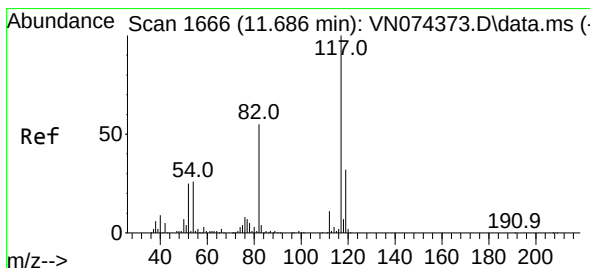
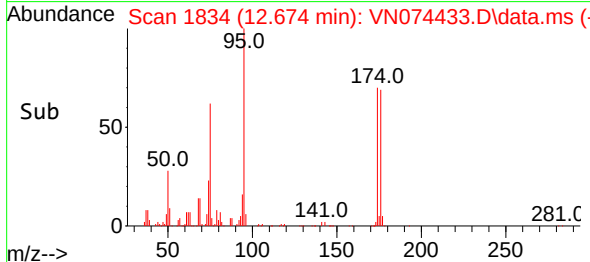
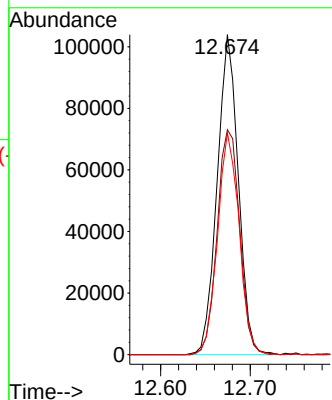
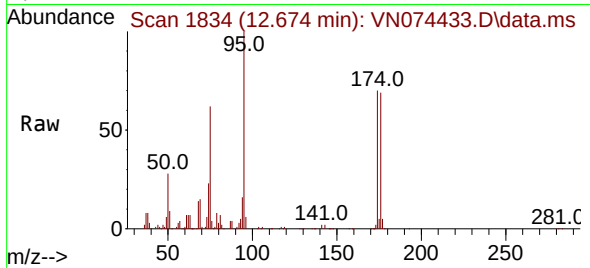




#62
4-Bromofluorobenzene
Concen: 50.462 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074433.D
Acq: 13 Sep 2022 15:13

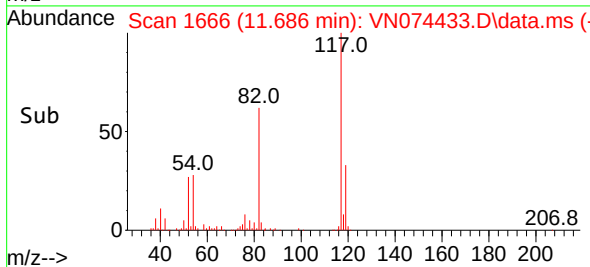
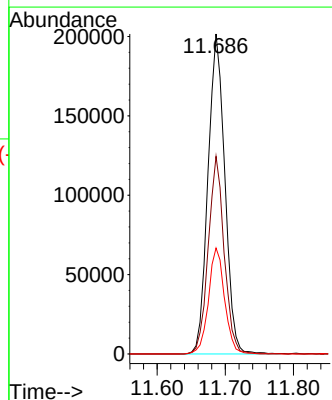
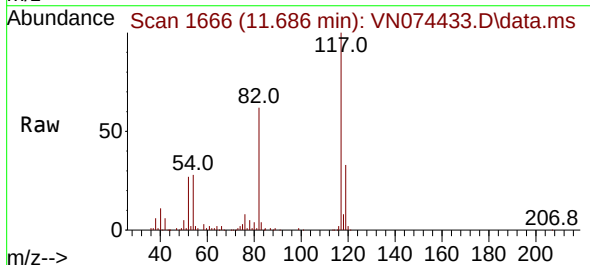
Instrument :
MSVOA_N
ClientSampleId :
CO-1

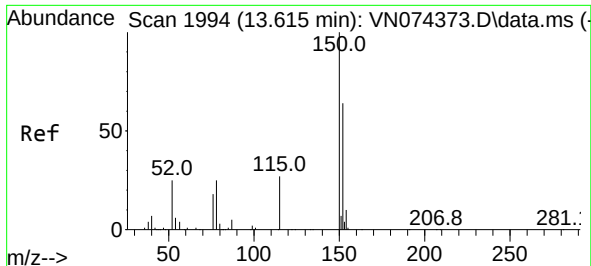
Tgt Ion: 95 Resp: 170014
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.6
176 70.7 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074433.D
Acq: 13 Sep 2022 15:13

Tgt Ion: 117 Resp: 347101
Ion Ratio Lower Upper
117 100
82 61.7 44.3 66.5
119 33.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074433.D

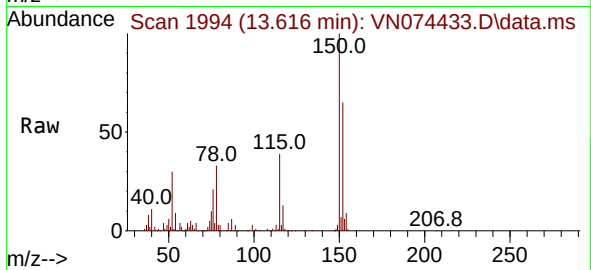
Acq: 13 Sep 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

CO-1



Tgt Ion:152 Resp: 154949

Ion Ratio Lower Upper

152 100

115 59.6 32.0 96.0

150 159.4 0.0 359.6

