

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074398.D
 Acq On : 10 Sep 2022 01:26
 Operator : JC\MD
 Sample : N4509-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S1-SO_PW002-20220902

Quant Time: Sep 10 07:30:58 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)

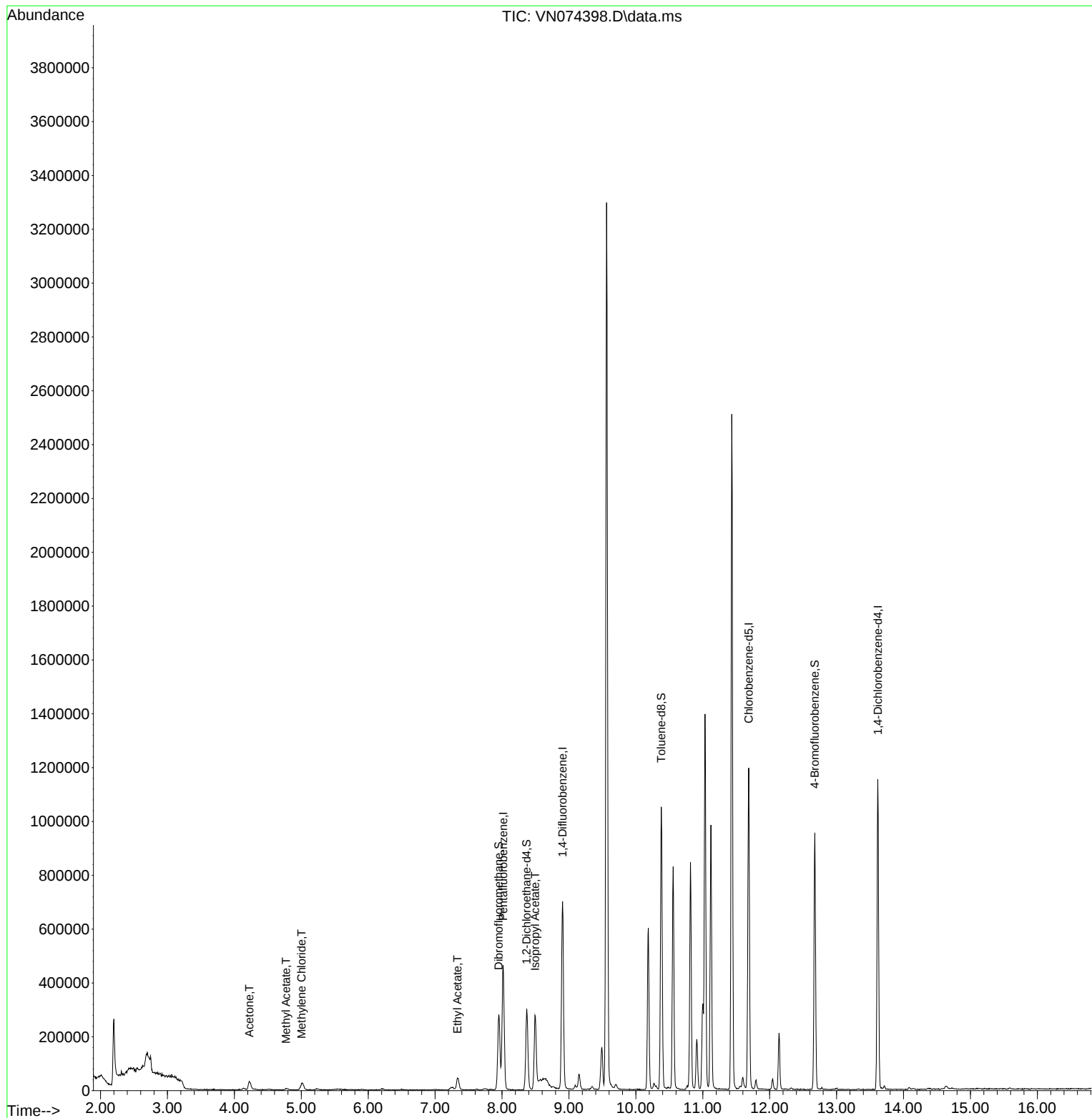
Internal Standards						
1) Pentafluorobenzene	8.016	168	317074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	573624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	612694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	273703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	232670	42.413	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.820%		
35) Dibromofluoromethane	7.951	113	188371	48.643	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.280%		
50) Toluene-d8	10.381	98	670502	44.436	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.880%		
62) 4-Bromofluorobenzene	12.675	95	282406	51.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.100%		
Target Compounds						Qvalue
16) Acetone	4.222	43	56663	19.132	ug/l	95
18) Methyl Acetate	4.769	43	10572	1.211	ug/l	100
20) Methylene Chloride	5.004	84	17981	2.715	ug/l	88
37) Ethyl Acetate	7.334	43	77371	8.360	ug/l #	94
43) Isopropyl Acetate	8.492	43	349151	23.069	ug/l #	89

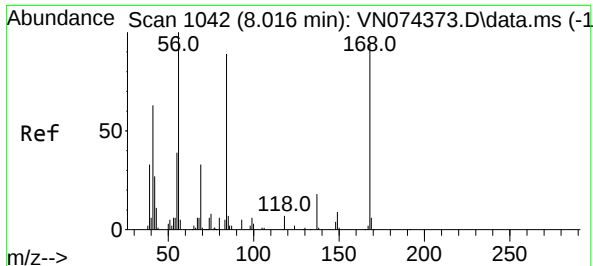
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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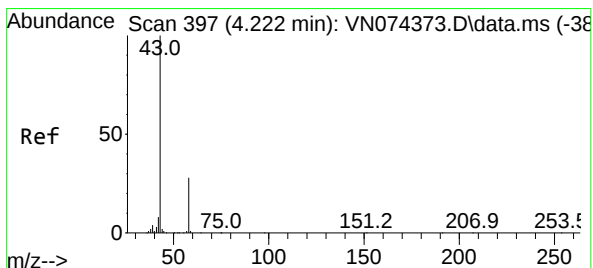
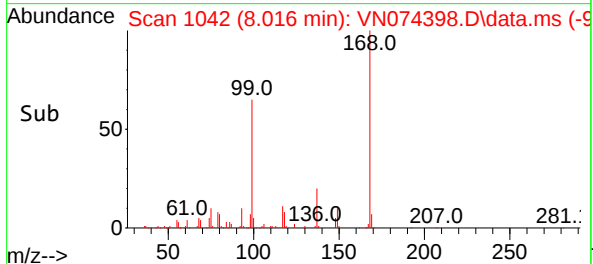
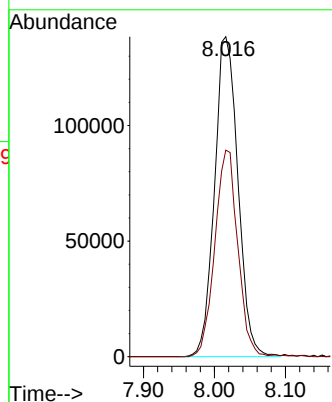
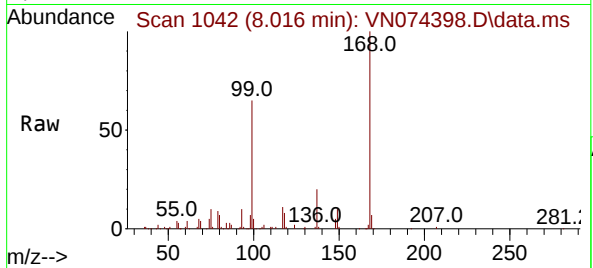




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074398.D
Acq: 10 Sep 2022 01:26

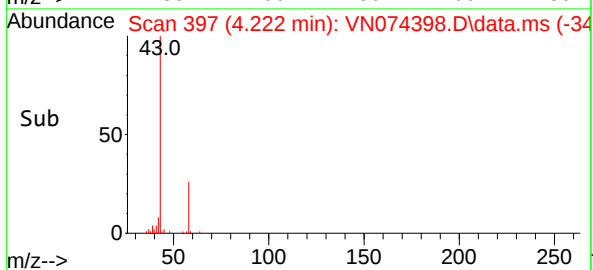
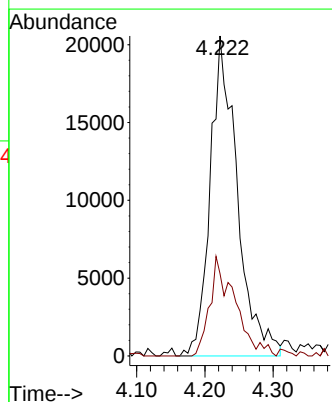
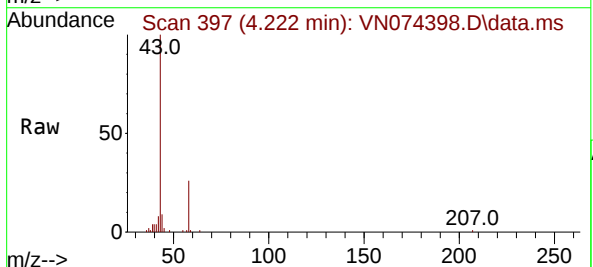
Instrument :
MSVOA_N
ClientSampleId :
S1-SO_PW002-20220902

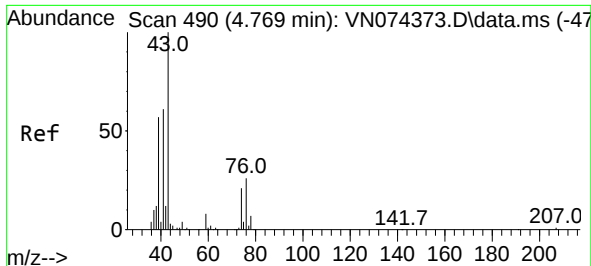
Tgt Ion:168 Resp: 317074
Ion Ratio Lower Upper
168 100
99 64.6 52.8 79.2



#16
Acetone
Concen: 19.132 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074398.D
Acq: 10 Sep 2022 01:26

Tgt Ion: 43 Resp: 56663
Ion Ratio Lower Upper
43 100
58 25.7 22.7 34.1

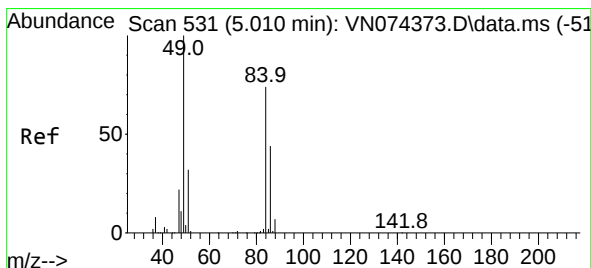
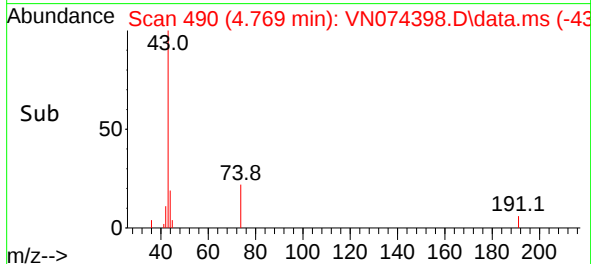
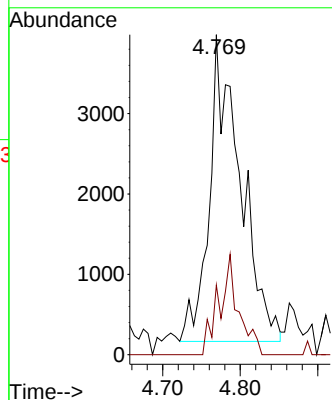
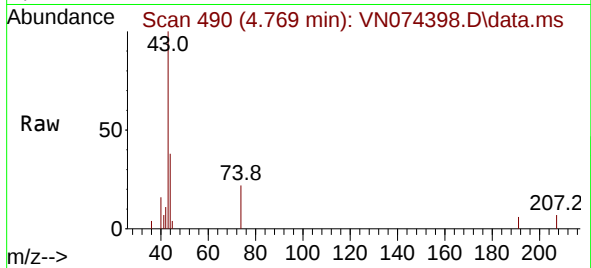




#18
Methyl Acetate
Concen: 1.211 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074398.D
Acq: 10 Sep 2022 01:26

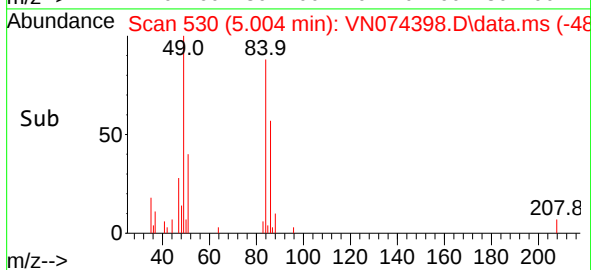
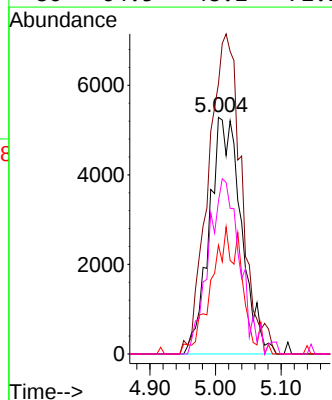
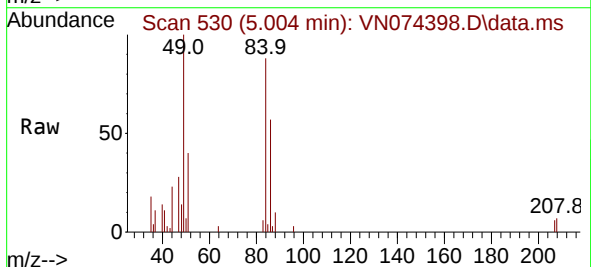
Instrument :
MSVOA_N
ClientSampleId :
S1-SO_PW002-20220902

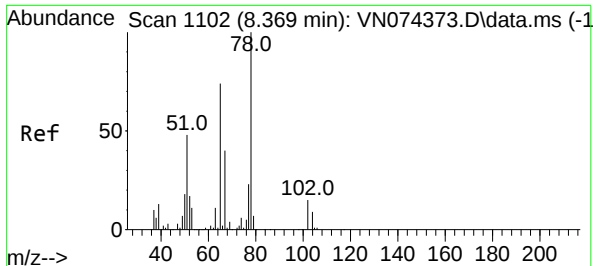
Tgt Ion: 43 Resp: 10572
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1



#20
Methylene Chloride
Concen: 2.715 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074398.D
Acq: 10 Sep 2022 01:26

Tgt Ion: 84 Resp: 17981
Ion Ratio Lower Upper
84 100
49 114.1 108.2 162.4
51 46.0 34.3 51.5
86 64.5 48.2 72.2





#33

1,2-Dichloroethane-d4

Concen: 42.413 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074398.D

Acq: 10 Sep 2022 01:26

Instrument :

MSVOA_N

ClientSampleId :

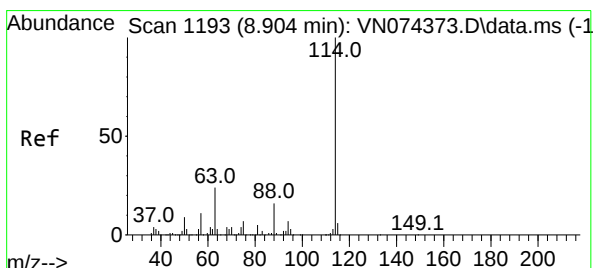
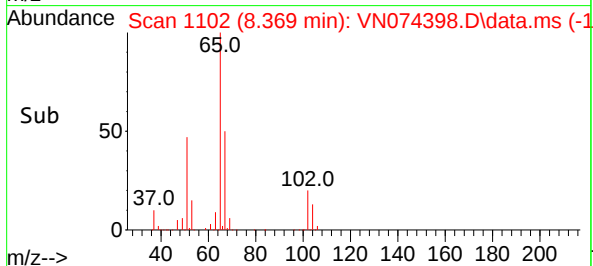
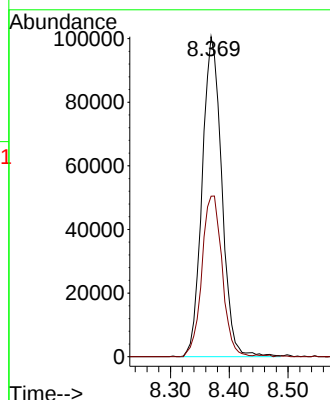
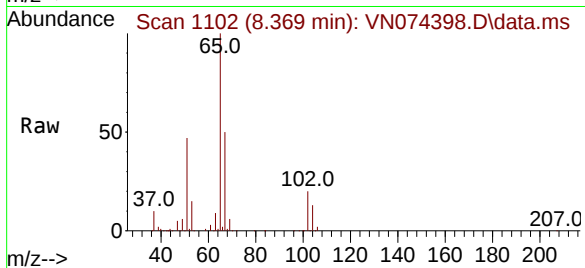
S1-SO_PW002-20220902

Tgt Ion: 65 Resp: 232670

Ion Ratio Lower Upper

65 100

67 51.9 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: VN074398.D

Acq: 10 Sep 2022 01:26

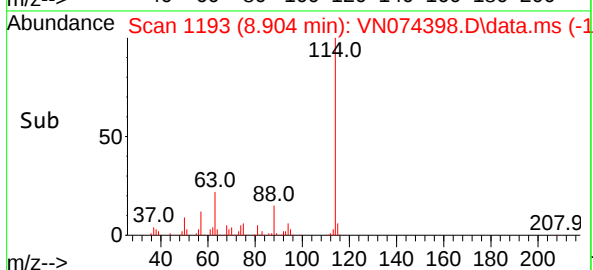
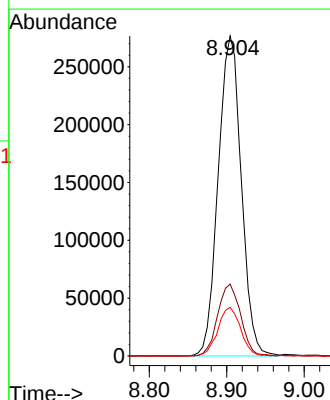
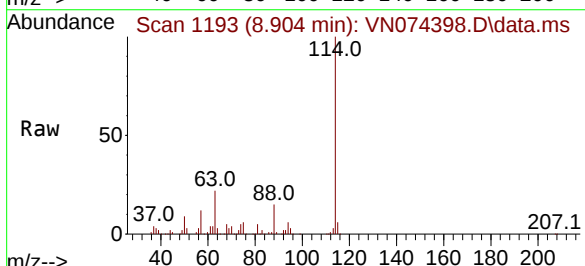
Tgt Ion: 114 Resp: 573624

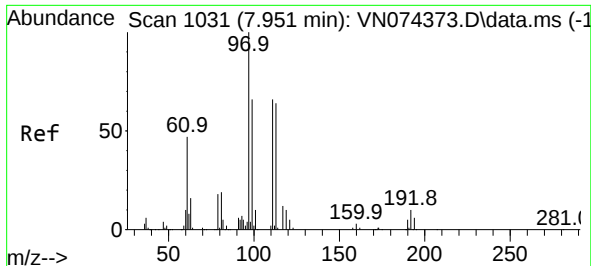
Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.6

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.643 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074398.D

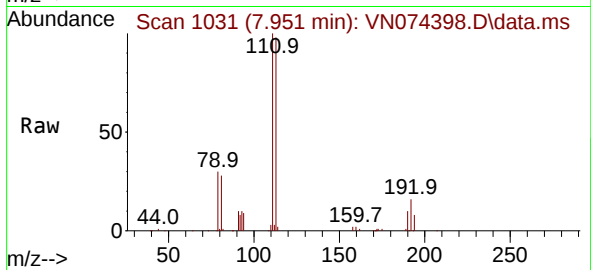
Acq: 10 Sep 2022 01:26

Instrument :

MSVOA_N

ClientSampleId :

S1-SO_PW002-20220902



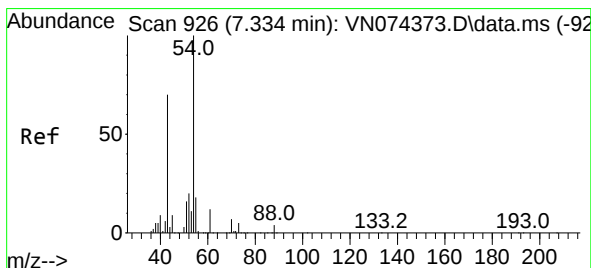
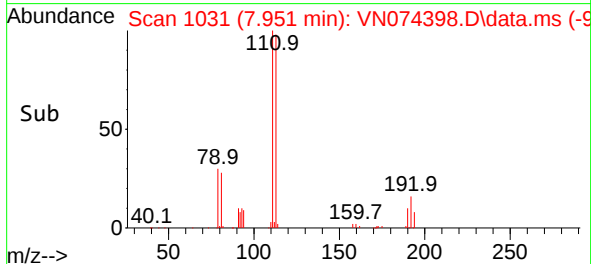
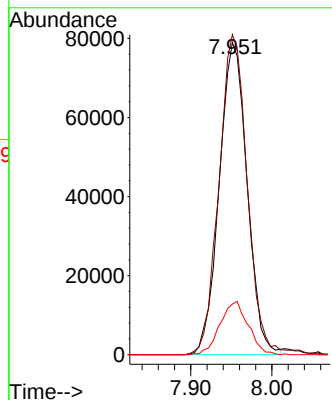
Tgt Ion:113 Resp: 188371

Ion Ratio Lower Upper

113 100

111 104.4 83.0 124.4

192 17.3 13.7 20.5



#37

Ethyl Acetate

Concen: 8.360 ug/l

RT: 7.334 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN074398.D

Acq: 10 Sep 2022 01:26

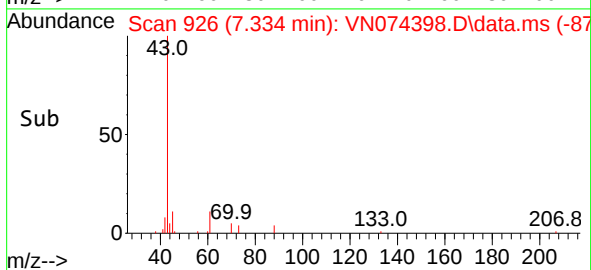
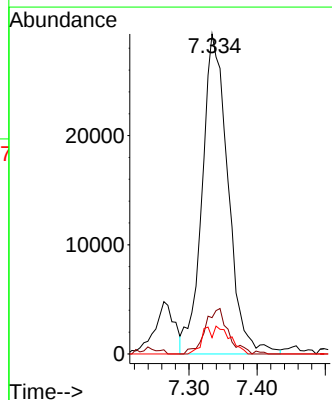
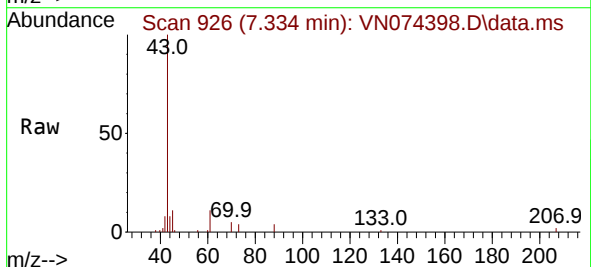
Tgt Ion: 43 Resp: 77371

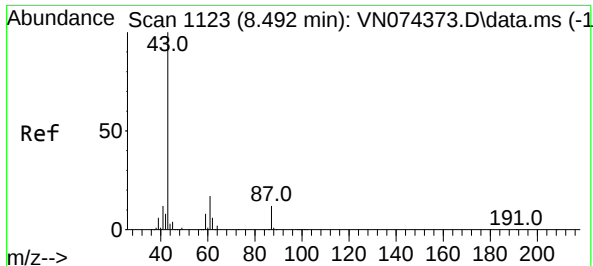
Ion Ratio Lower Upper

43 100

61 12.6 11.1 16.7

70 5.4 7.2 10.8#





#43

Isopropyl Acetate

Concen: 23.069 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN074398.D

Acq: 10 Sep 2022 01:26

Instrument :

MSVOA_N

ClientSampleId :

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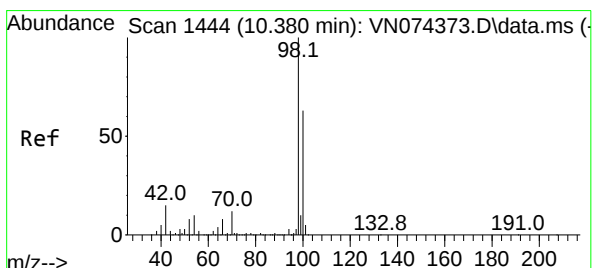
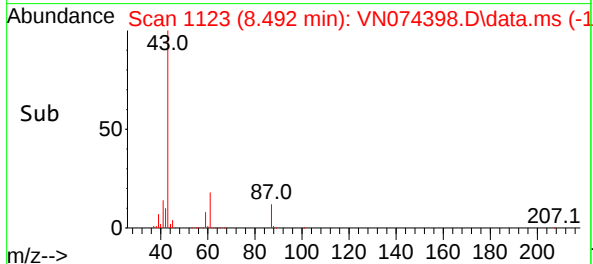
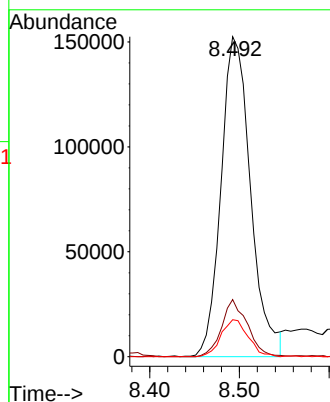
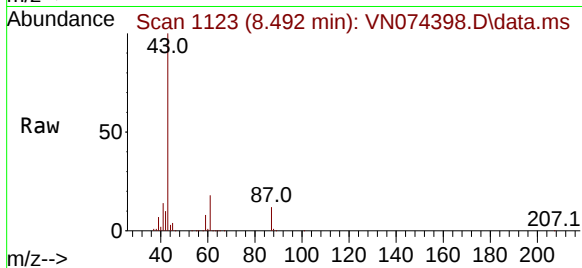
Tgt Ion: 43 Resp: 349151

Ion Ratio Lower Upper

43 100

61 15.6 18.6 27.8#

87 10.6 9.4 14.2



#50

Toluene-d8

Concen: 44.436 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074398.D

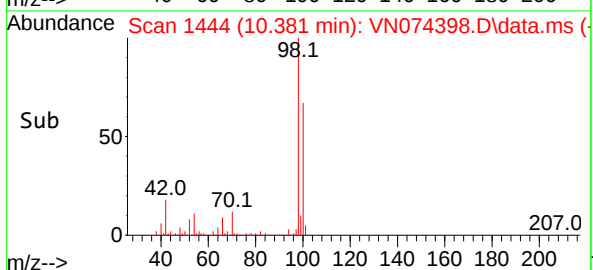
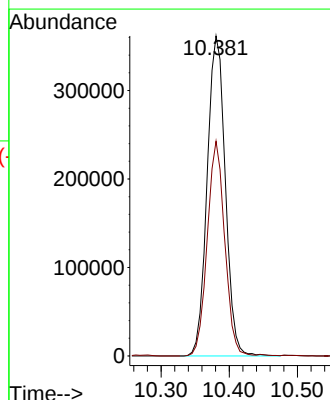
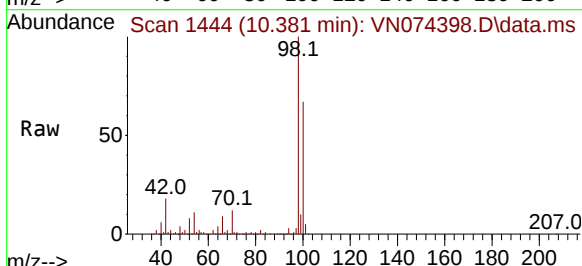
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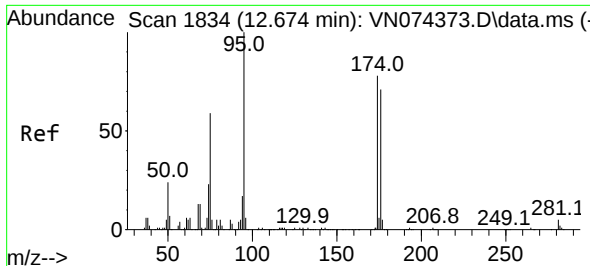
Tgt Ion: 98 Resp: 670502

Ion Ratio Lower Upper

98 100

100 64.4 50.6 76.0

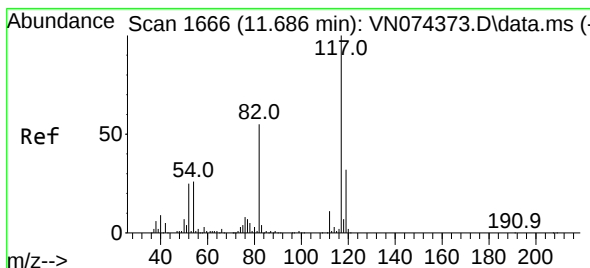
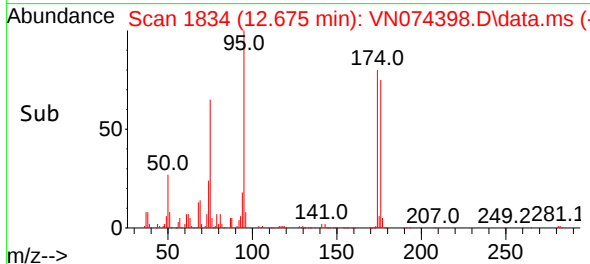
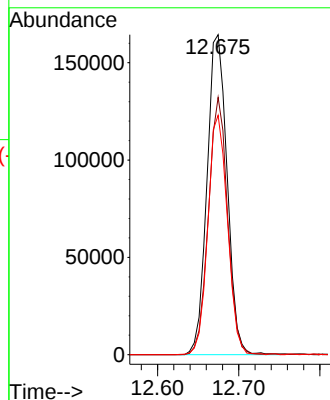
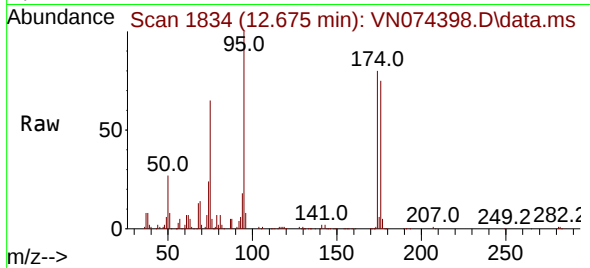




#62
4-Bromofluorobenzene
Concen: 51.550 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074398.D
Acq: 10 Sep 2022 01:26

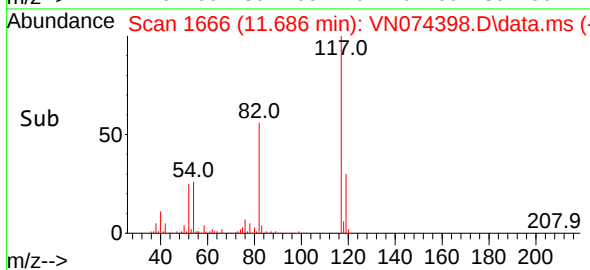
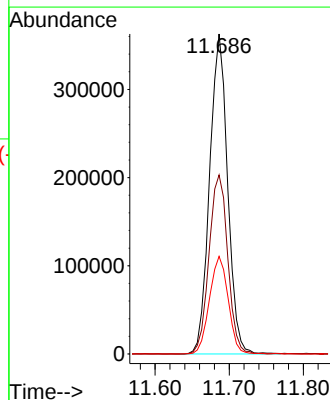
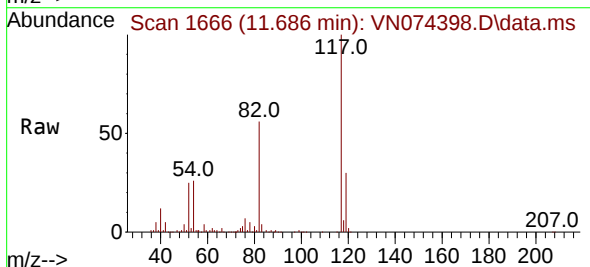
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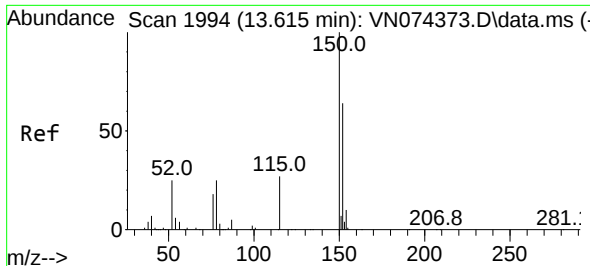
Tgt Ion: 95 Resp: 282406
Ion Ratio Lower Upper
95 100
174 76.7 0.0 150.6
176 72.7 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074398.D
Acq: 10 Sep 2022 01:26

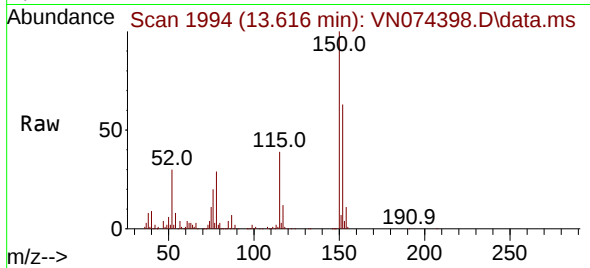
Tgt Ion: 117 Resp: 612694
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 30.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074398.D
 Acq: 10 Sep 2022 01:26

Instrument :
 MSVOA_N
 ClientSampleId :
 S1-SO_PW002-20220902



Tgt Ion:152 Resp: 273703

Ion	Ratio	Lower	Upper
152	100		
115	60.2	32.0	96.0
150	155.6	0.0	359.6

