

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074394.D
 Acq On : 09 Sep 2022 23:49
 Operator : JC\MD
 Sample : N4509-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S1-SO_113D-20220902

Quant Time: Sep 10 07:29:29 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)

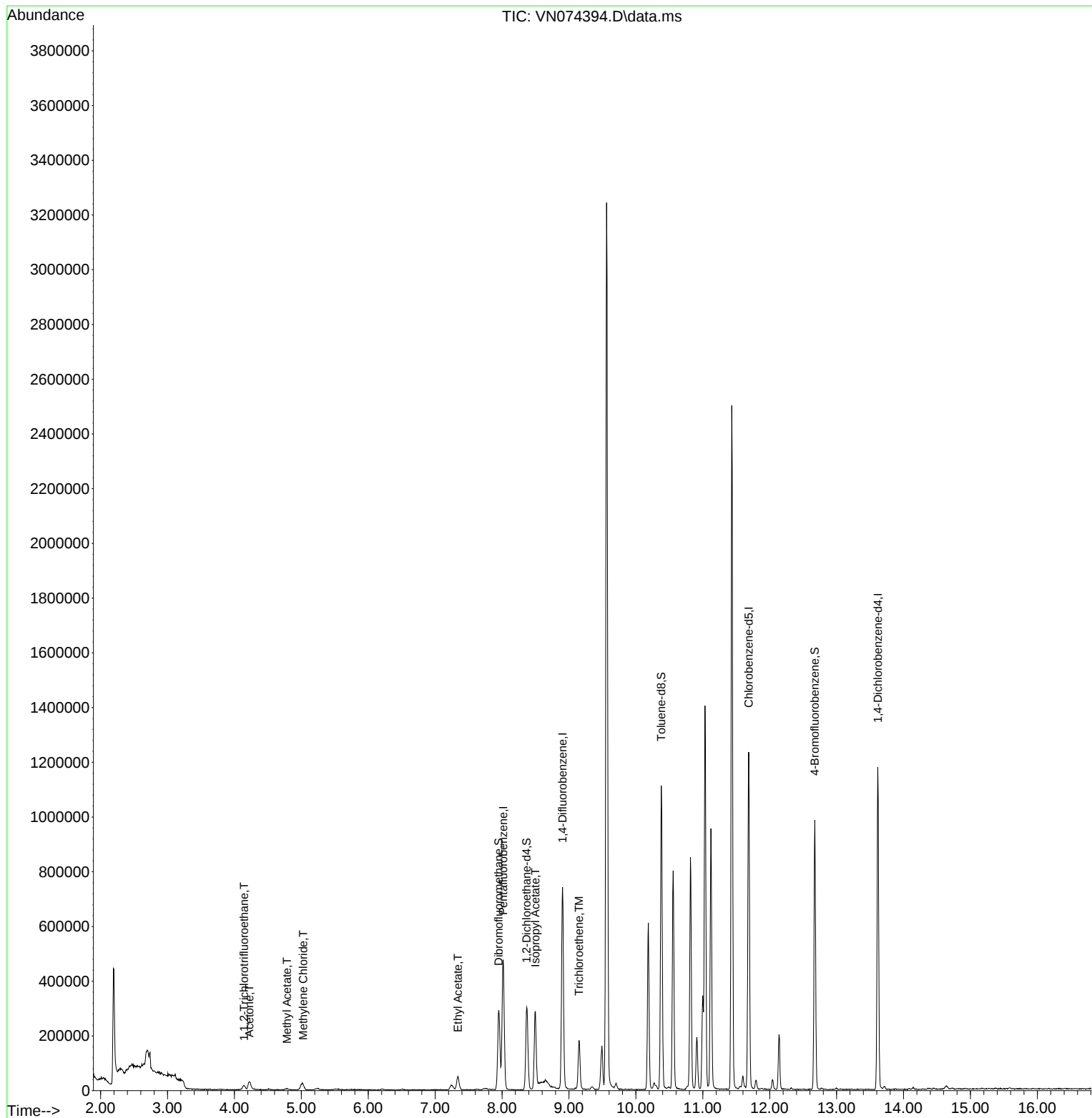
Internal Standards						
1) Pentafluorobenzene	8.016	168	335217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	605815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	634459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	282013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	245015	42.246	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.500%
35) Dibromofluoromethane	7.951	113	197552	48.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	10.380	98	705141	44.249	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.500%
62) 4-Bromofluorobenzene	12.674	95	295121	51.008	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.020%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.146	101	9421	2.194	ug/l #	39
16) Acetone	4.222	43	56277	17.973	ug/l	99
18) Methyl Acetate	4.787	43	9934	1.076	ug/l #	85
20) Methylene Chloride	5.028	84	19711	2.872	ug/l #	68
37) Ethyl Acetate	7.339	43	77347	7.914	ug/l	99
43) Isopropyl Acetate	8.498	43	341333	21.354	ug/l #	91
44) Trichloroethene	9.151	130	56529	12.223	ug/l	93

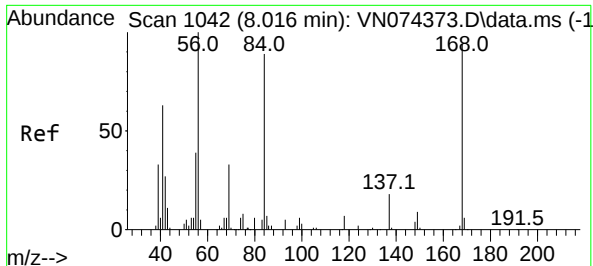
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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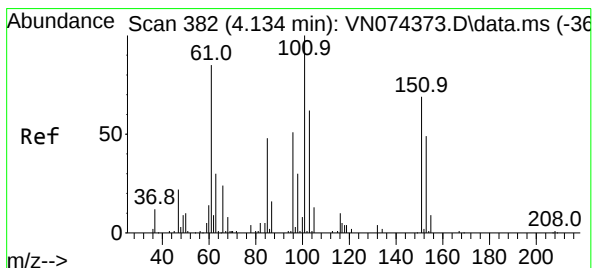
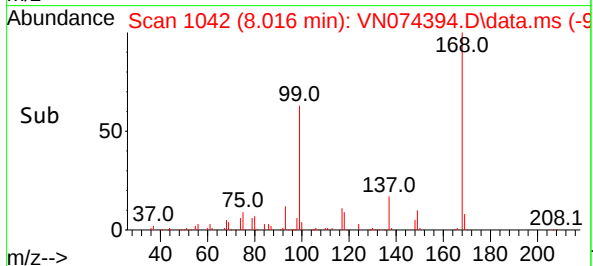
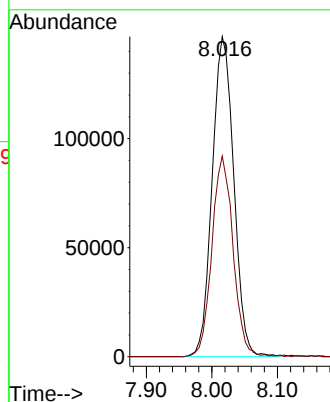
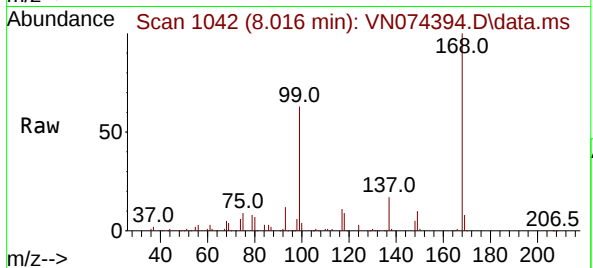




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

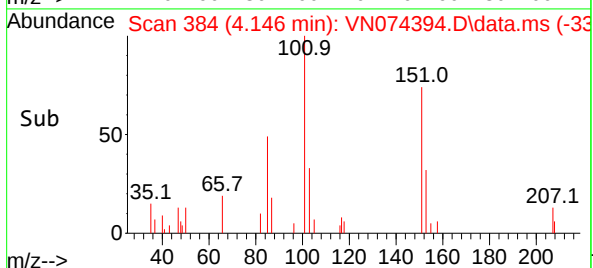
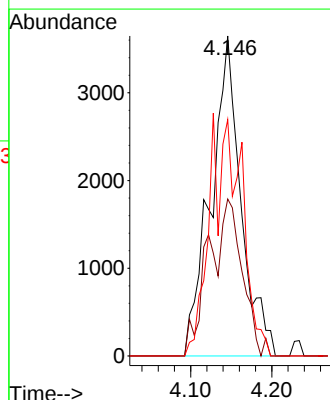
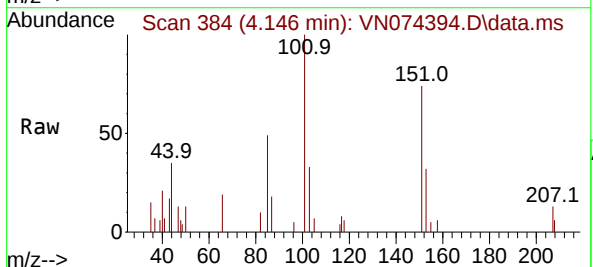
Instrument :
MSVOA_N
ClientSampleId :
S1-SO_113D-20220902

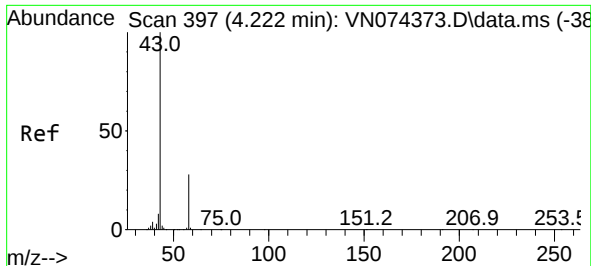
Tgt Ion:168 Resp: 335217
Ion Ratio Lower Upper
168 100
99 62.7 52.8 79.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.194 ug/l
RT: 4.146 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

Tgt Ion:101 Resp: 9421
Ion Ratio Lower Upper
101 100
85 33.4 39.5 59.3#
151 0.0 57.8 86.6#

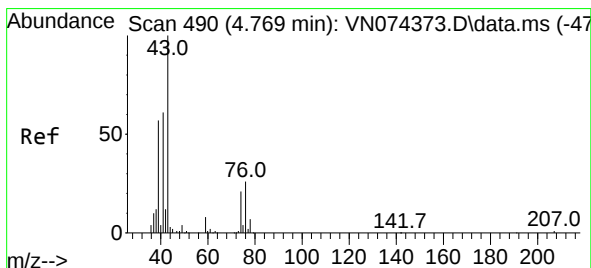
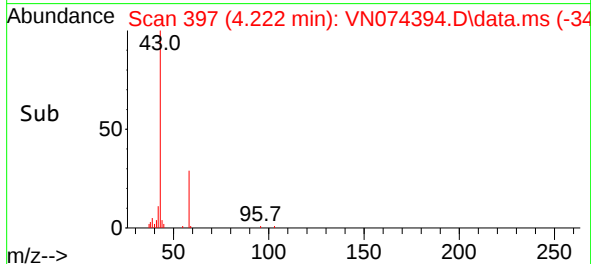
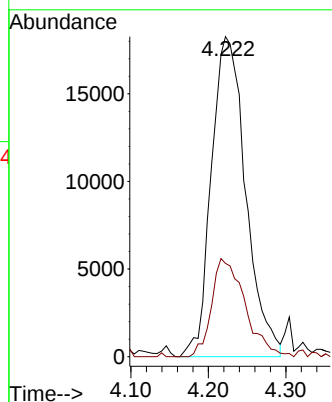
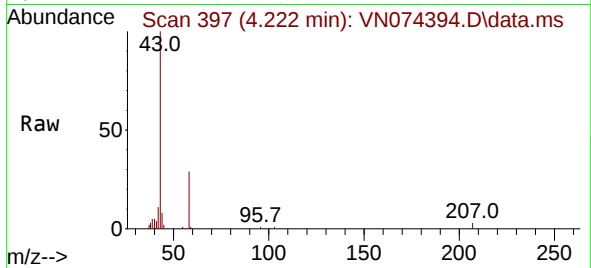




#16
Acetone
Concen: 17.973 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

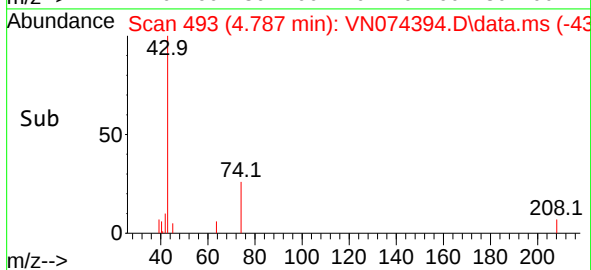
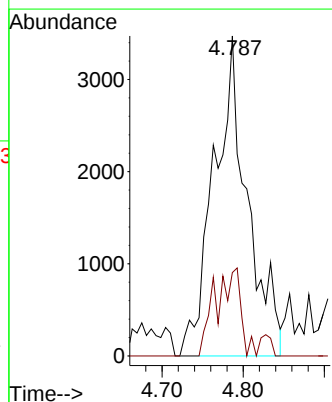
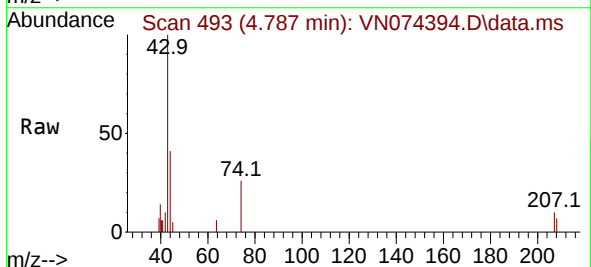
Instrument :
MSVOA_N
ClientSampleId :
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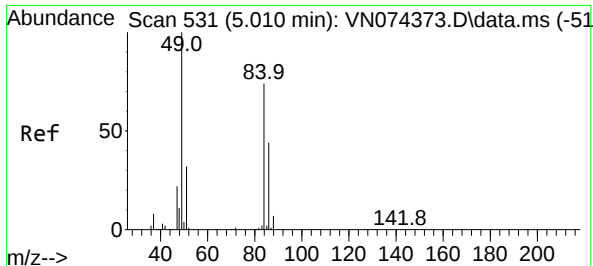
Tgt Ion: 43 Resp: 56277
Ion Ratio Lower Upper
43 100
58 29.1 22.7 34.1



#18
Methyl Acetate
Concen: 1.076 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.018 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

Tgt Ion: 43 Resp: 9934
Ion Ratio Lower Upper
43 100
74 14.0 16.7 25.1#

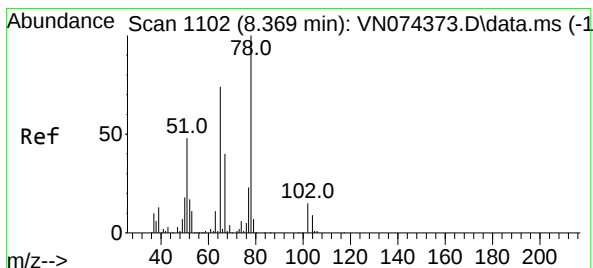
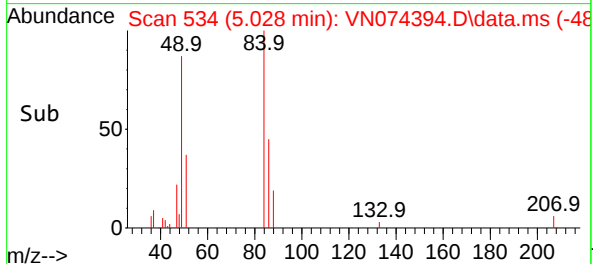
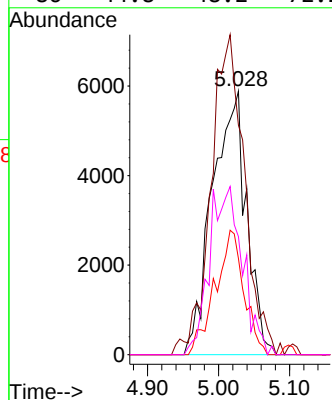
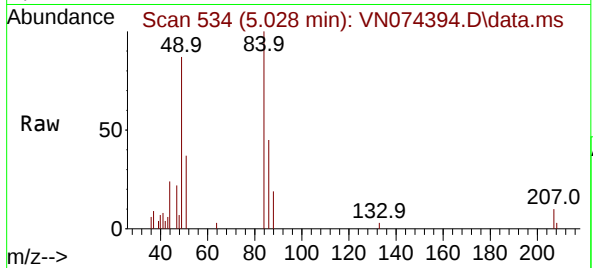




#20
Methylene Chloride
Concen: 2.872 ug/l
RT: 5.028 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

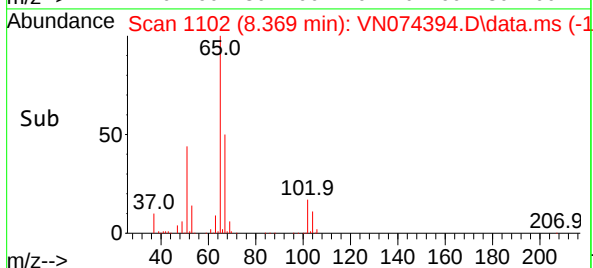
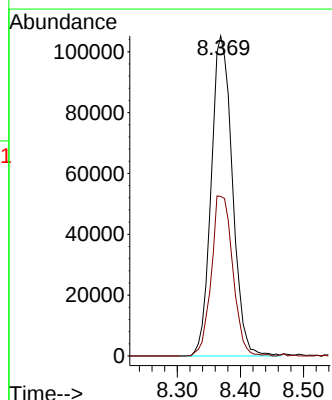
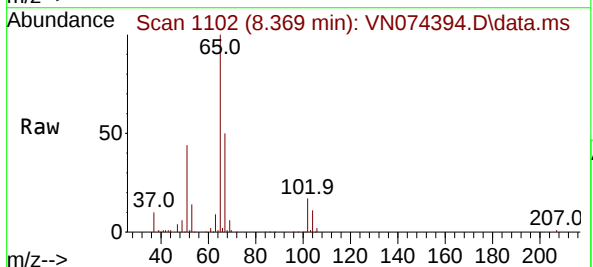
Instrument :
MSVOA_N
ClientSampleId :
S1-SO_113D-20220902

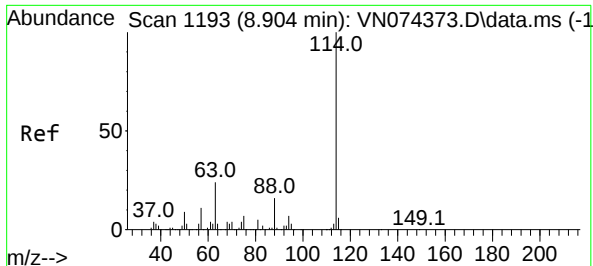
Tgt Ion: 84 Resp: 19711
Ion Ratio Lower Upper
84 100
49 82.7 108.2 162.4#
51 36.5 34.3 51.5
86 44.8 48.2 72.2#



#33
1,2-Dichloroethane-d4
Concen: 42.246 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

Tgt Ion: 65 Resp: 245015
Ion Ratio Lower Upper
65 100
67 50.6 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: VN074394.D

Acq: 09 Sep 2022 23:49

Instrument :

MSVOA_N

ClientSampleId :

S1-SO_113D-20220902

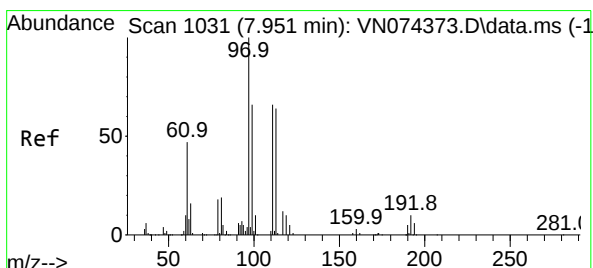
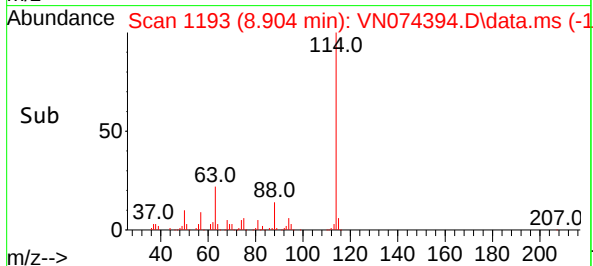
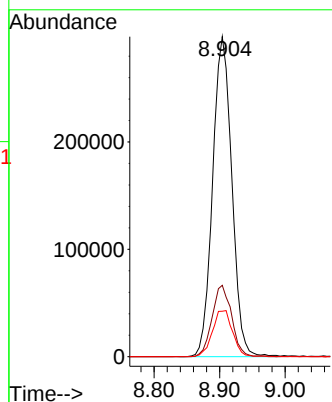
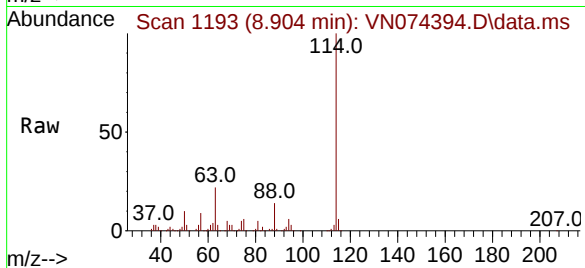
Tgt Ion:114 Resp: 605815

Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.6

88 14.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.303 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074394.D

Acq: 09 Sep 2022 23:49

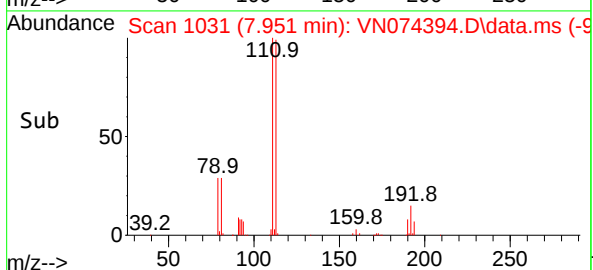
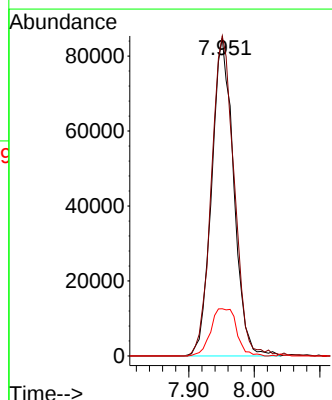
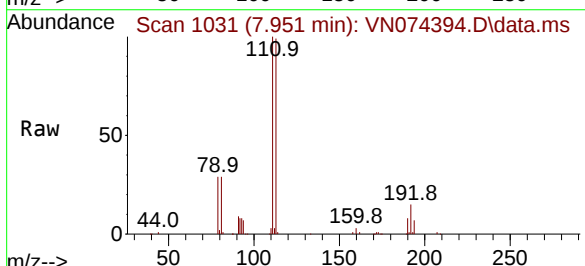
Tgt Ion:113 Resp: 197552

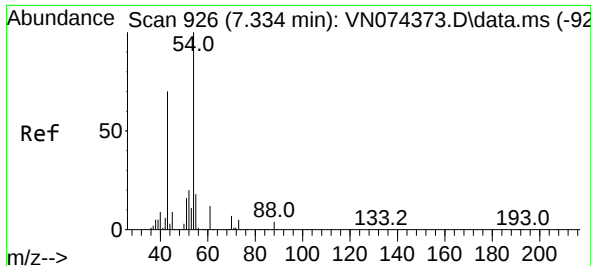
Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.4

192 17.4 13.7 20.5

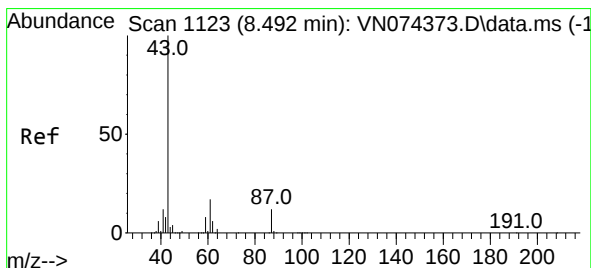
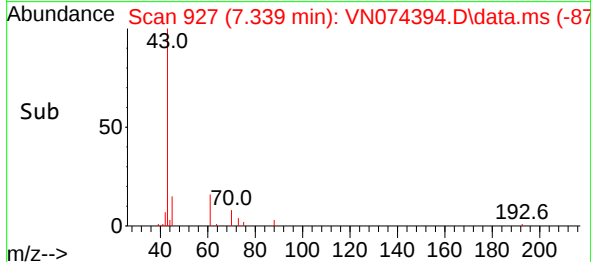
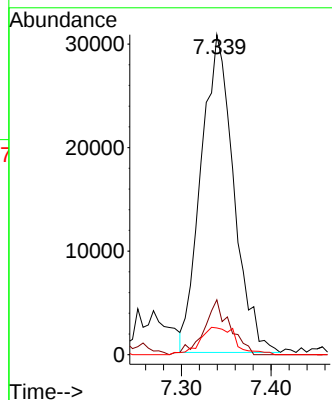
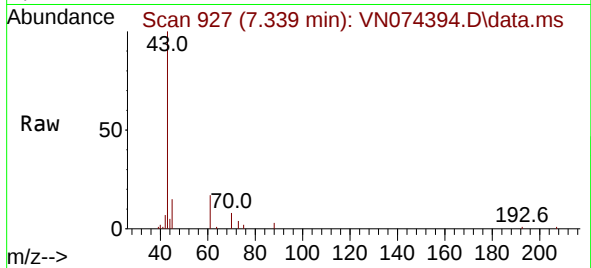




#37
Ethyl Acetate
Concen: 7.914 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

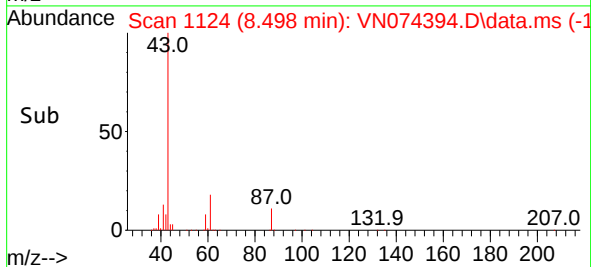
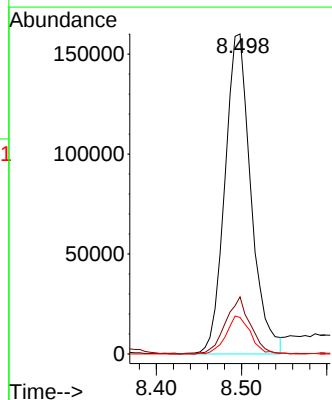
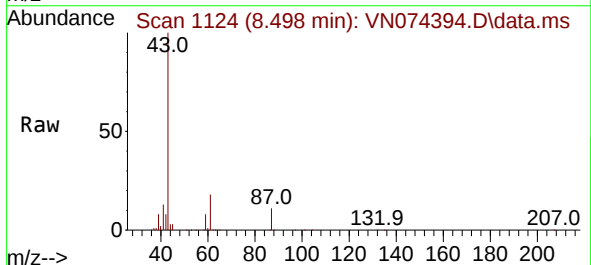
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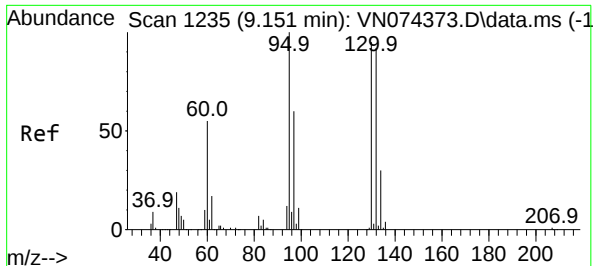
Tgt Ion: 43 Resp: 77347
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 9.5 7.2 10.8



#43
Isopropyl Acetate
Concen: 21.354 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

Tgt Ion: 43 Resp: 341333
Ion Ratio Lower Upper
43 100
61 16.9 18.6 27.8#
87 11.1 9.4 14.2

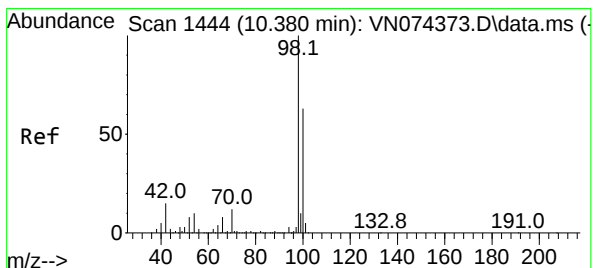
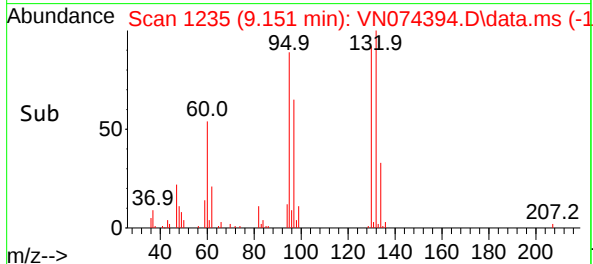
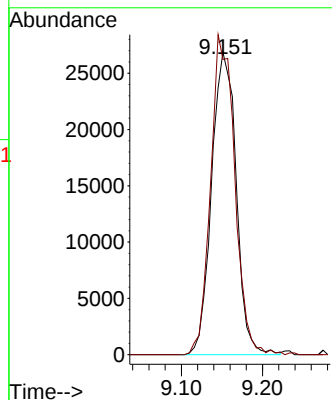
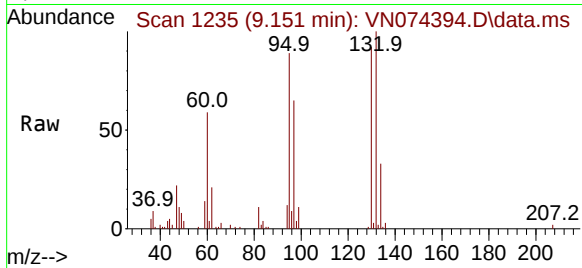




#44
Trichloroethene
Concen: 12.223 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

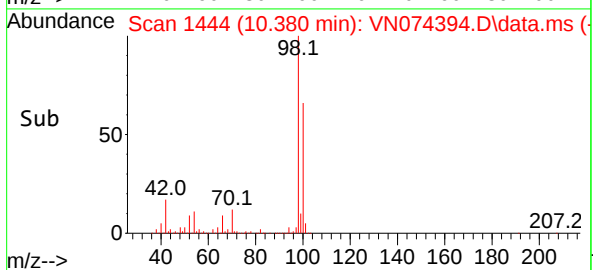
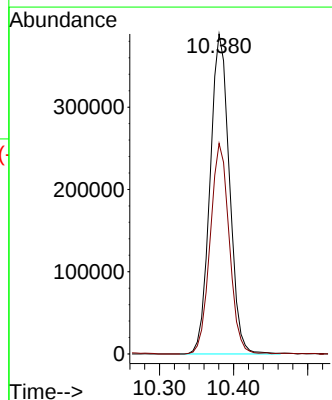
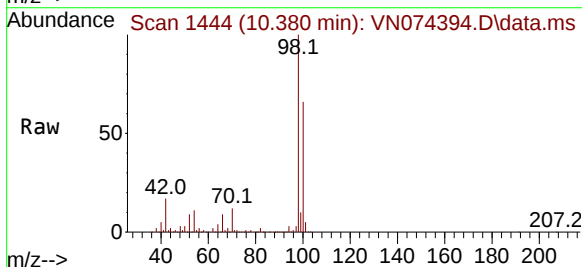
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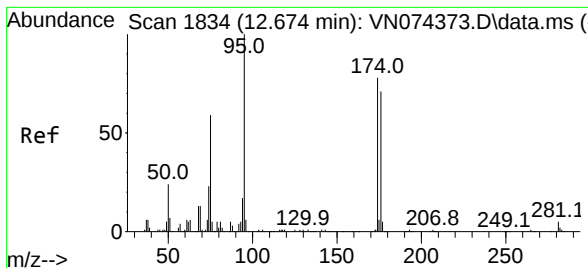
Tgt Ion:130 Resp: 56529
Ion Ratio Lower Upper
130 100
95 97.7 0.0 210.0



#50
Toluene-d8
Concen: 44.249 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

Tgt Ion: 98 Resp: 705141
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0

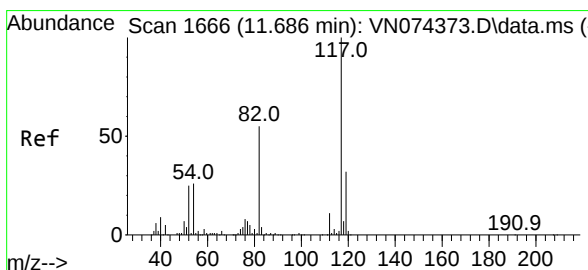
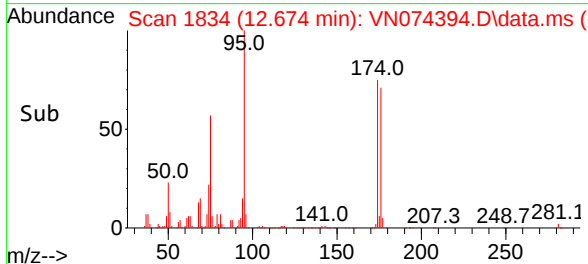
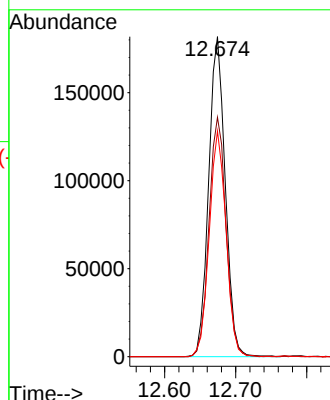
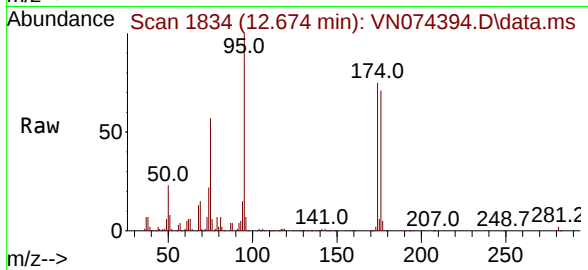




#62
4-Bromofluorobenzene
Concen: 51.008 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

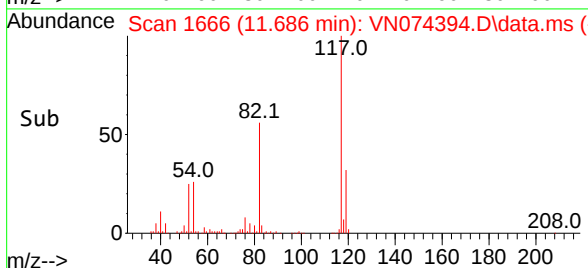
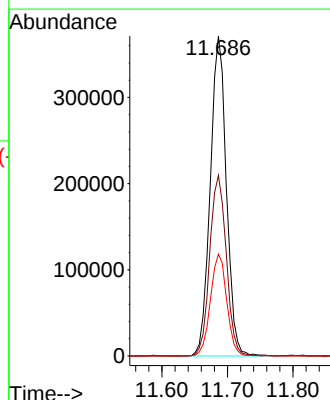
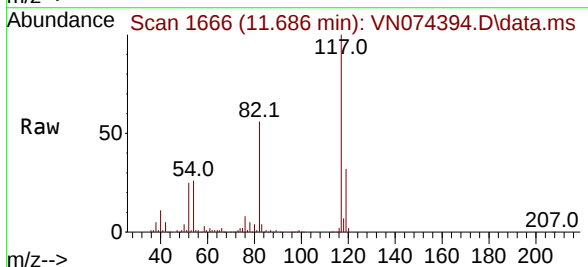
Instrument :
MSVOA_N
ClientSampleId :
S1-SO_113D-20220902

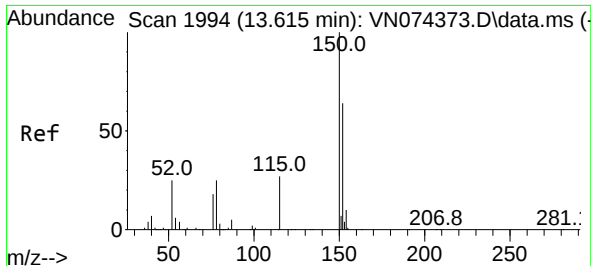
Tgt Ion: 95 Resp: 295121
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.6
176 71.4 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074394.D
Acq: 09 Sep 2022 23:49

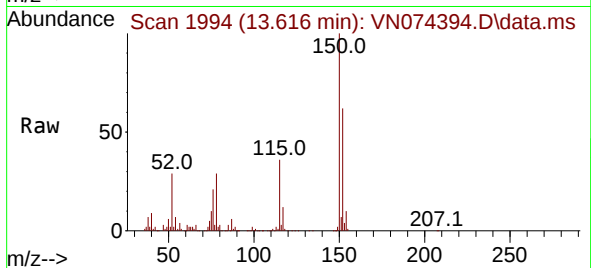
Tgt Ion: 117 Resp: 634459
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 31.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074394.D
 Acq: 09 Sep 2022 23:49

Instrument :
 MSVOA_N
 ClientSampleId :
 S1-SO_113D-20220902



Tgt Ion:152 Resp: 282013
 Ion Ratio Lower Upper
 152 100
 115 58.4 32.0 96.0
 150 157.3 0.0 359.6

