

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074396.D
 Acq On : 10 Sep 2022 00:38
 Operator : JC\MD
 Sample : N4509-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S1-SO_116D-20220902

Quant Time: Sep 10 07:30:13 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)

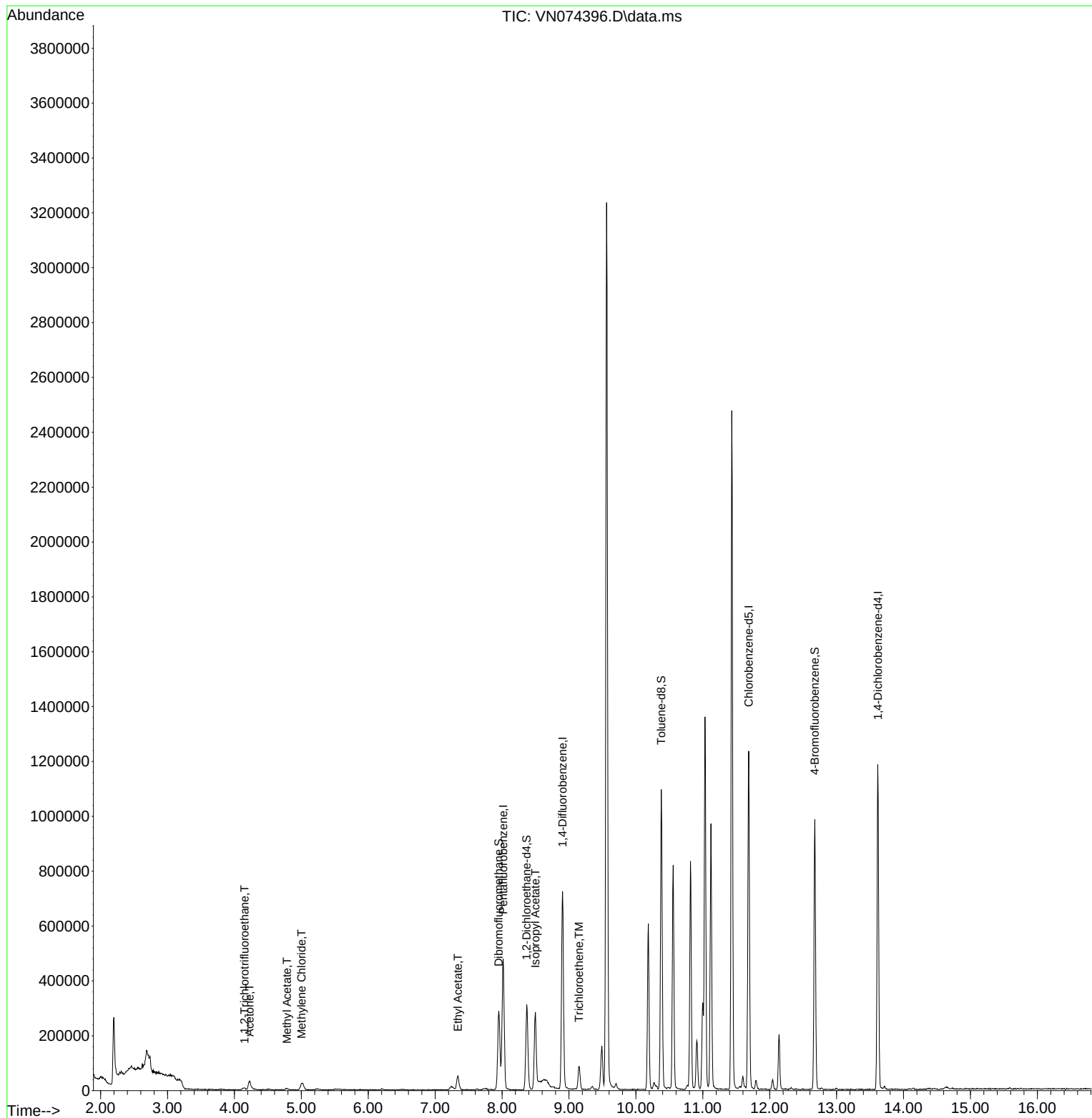
Internal Standards						
1) Pentafluorobenzene	8.016	168	333370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	589895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	626562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	282332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	238602	41.368	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.740%
35) Dibromofluoromethane	7.951	113	195317	49.045	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.100%
50) Toluene-d8	10.380	98	690201	44.480	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.960%
62) 4-Bromofluorobenzene	12.674	95	292680	51.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.900%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.151	101	4751	1.112	ug/l	89
16) Acetone	4.228	43	54258	17.425	ug/l #	88
18) Methyl Acetate	4.787	43	12398	1.351	ug/l #	76
20) Methylene Chloride	5.004	84	18590	2.644	ug/l	92
37) Ethyl Acetate	7.339	43	80461	8.454	ug/l	98
43) Isopropyl Acetate	8.498	43	335635	21.565	ug/l #	90
44) Trichloroethene	9.151	130	27581	6.125	ug/l	96

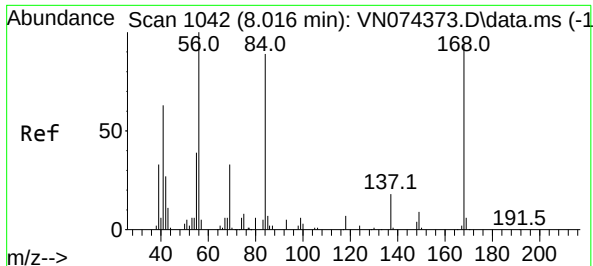
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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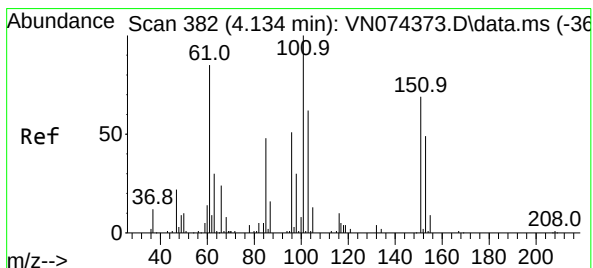
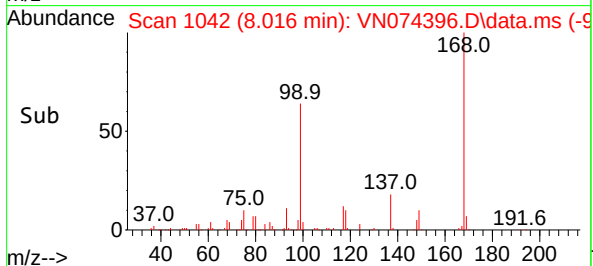
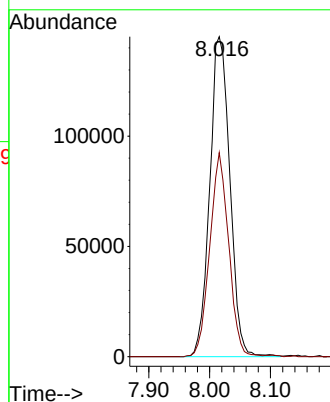
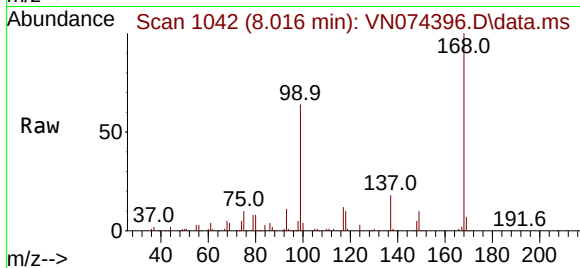




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

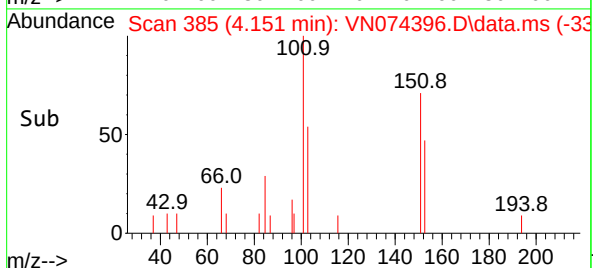
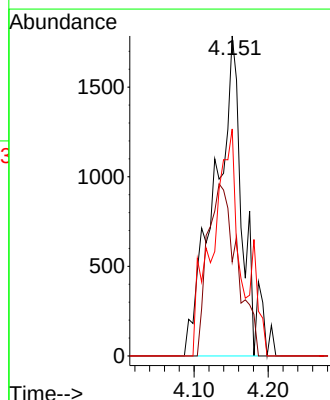
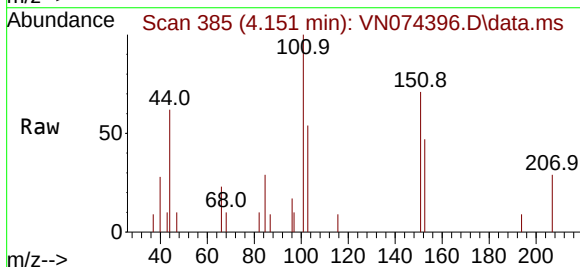
Instrument :
MSVOA_N
ClientSampleId :
S1-SO_116D-20220902

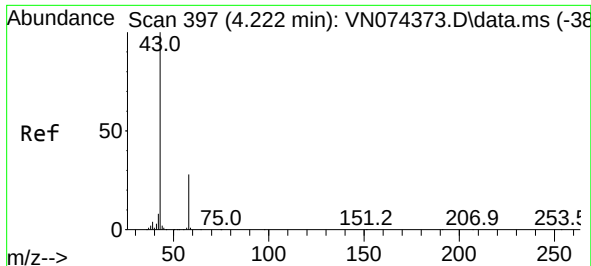
Tgt Ion:168 Resp: 333370
Ion Ratio Lower Upper
168 100
99 63.8 52.8 79.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.112 ug/l
RT: 4.151 min Scan# 385
Delta R.T. 0.018 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

Tgt Ion:101 Resp: 4751
Ion Ratio Lower Upper
101 100
85 55.6 39.5 59.3
151 62.5 57.8 86.6

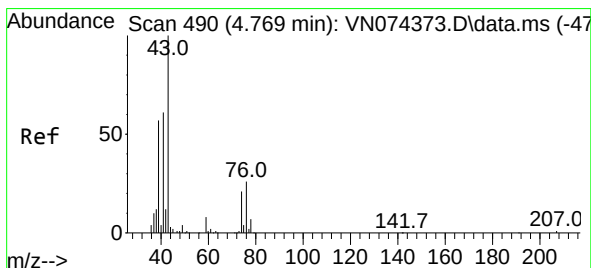
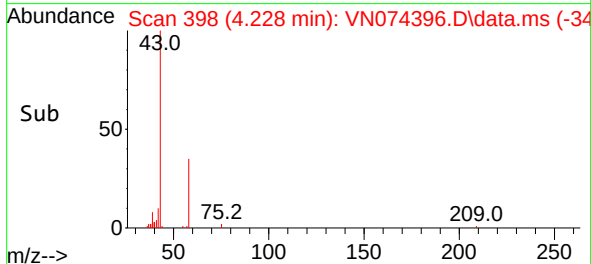
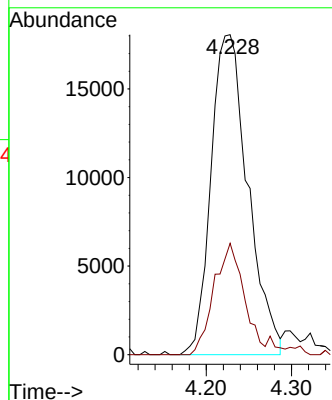
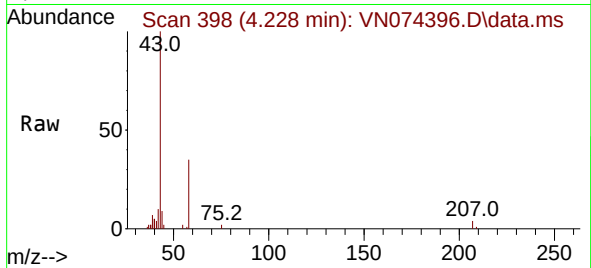




#16
Acetone
Concen: 17.425 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

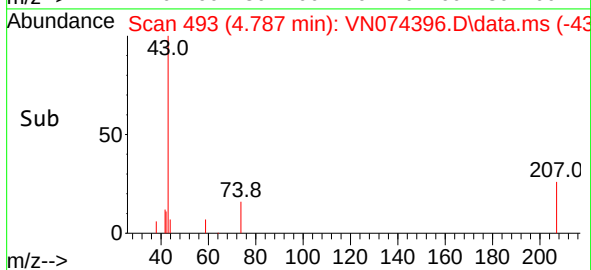
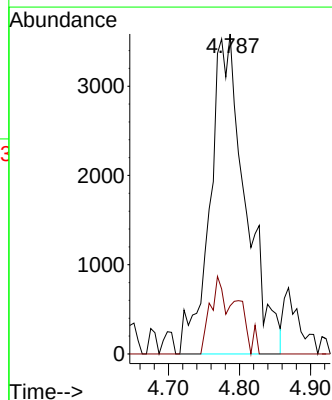
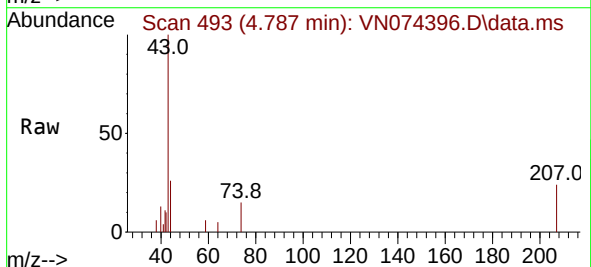
Instrument :
MSVOA_N
ClientSampleId :
S1-SO_116D-20220902

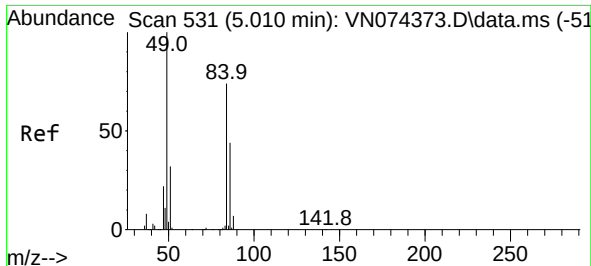
Tgt Ion: 43 Resp: 54258
Ion Ratio Lower Upper
43 100
58 34.8 22.7 34.1#



#18
Methyl Acetate
Concen: 1.351 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.018 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

Tgt Ion: 43 Resp: 12398
Ion Ratio Lower Upper
43 100
74 9.6 16.7 25.1#

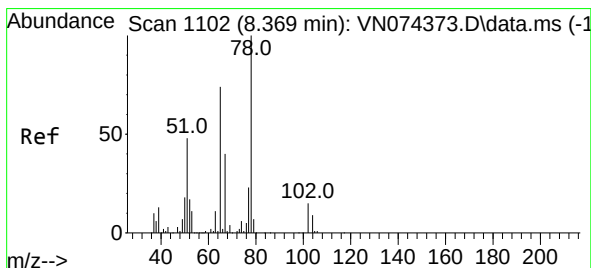
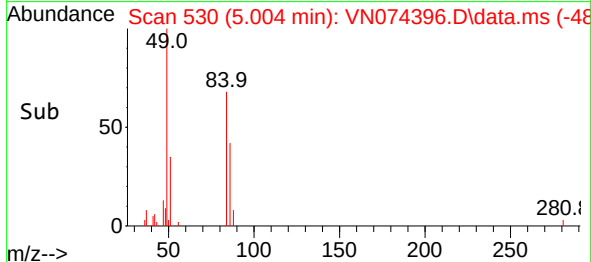
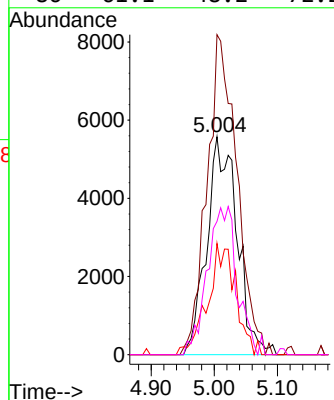
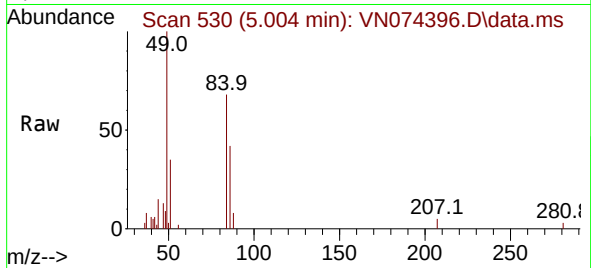




#20
Methylene Chloride
Concen: 2.644 ug/l
RT: 5.004 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

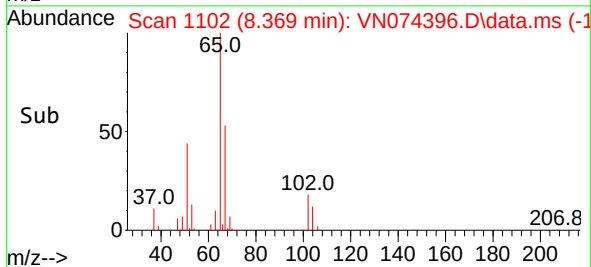
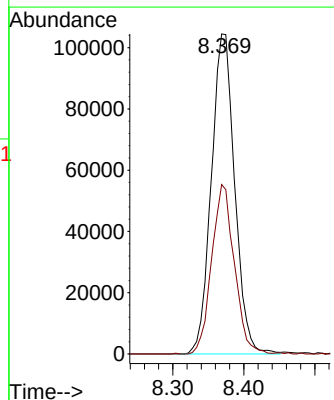
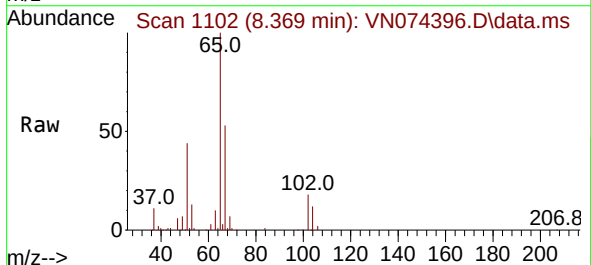
Instrument :
MSVOA_N
ClientSampleId :
S1-SO_116D-20220902

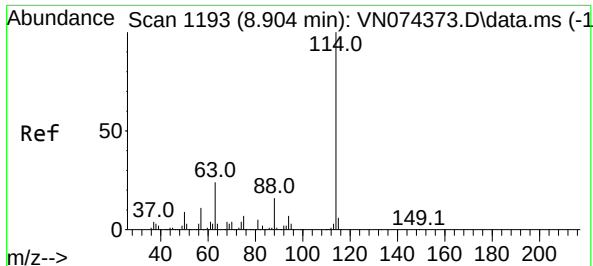
Tgt Ion: 84 Resp: 18590
Ion Ratio Lower Upper
84 100
49 146.8 108.2 162.4
51 51.0 34.3 51.5
86 61.1 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 41.368 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

Tgt Ion: 65 Resp: 238602
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4

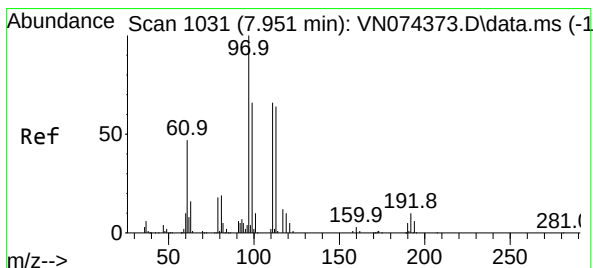
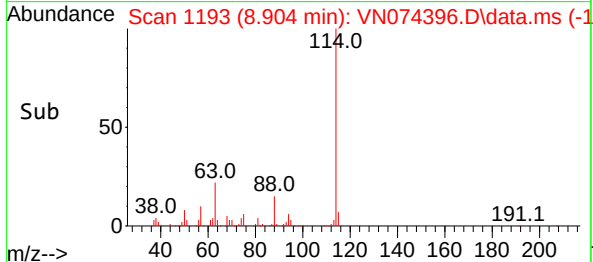
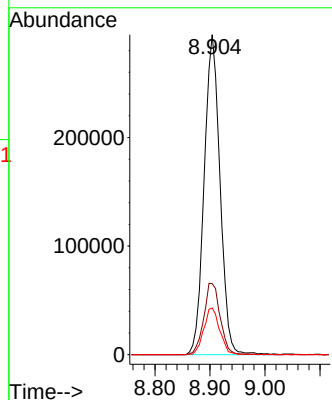
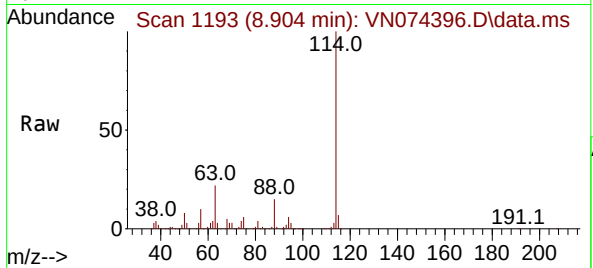




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

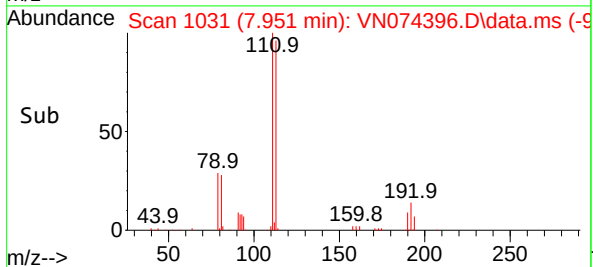
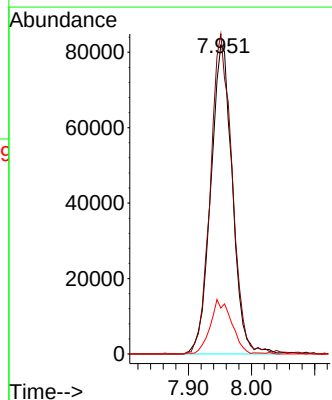
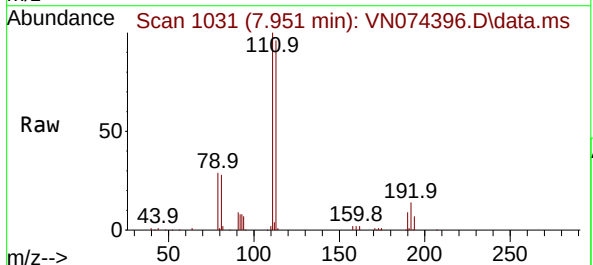
Instrument :
MSVOA_N
ClientSampleId :
S1-SO_116D-20220902

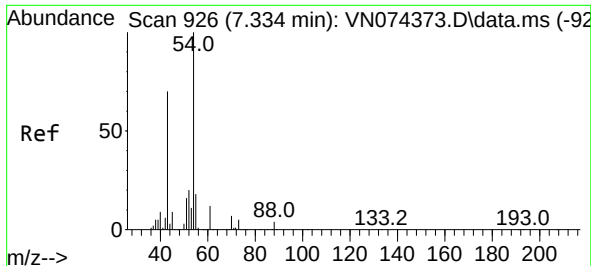
Tgt Ion:114 Resp: 589895
Ion Ratio Lower Upper
114 100
63 22.2 0.0 47.6
88 14.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.045 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

Tgt Ion:113 Resp: 195317
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.4
192 17.4 13.7 20.5





#37

Ethyl Acetate

Concen: 8.454 ug/l

RT: 7.339 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074396.D

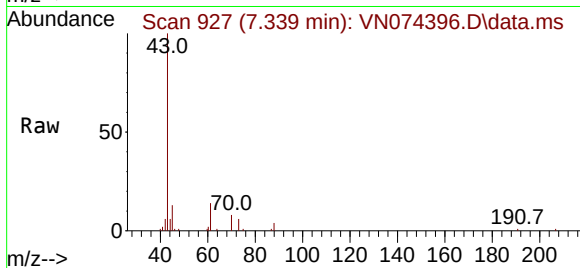
Acq: 10 Sep 2022 00:38

Instrument :

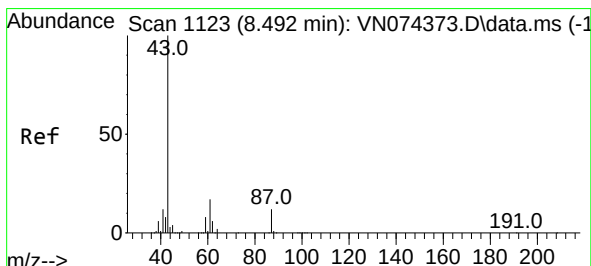
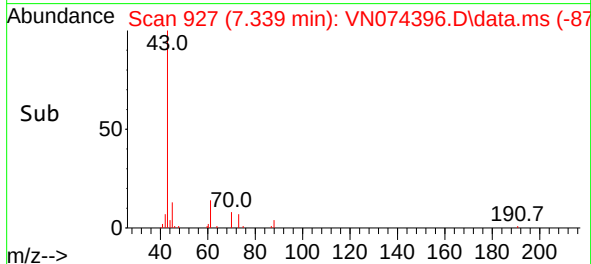
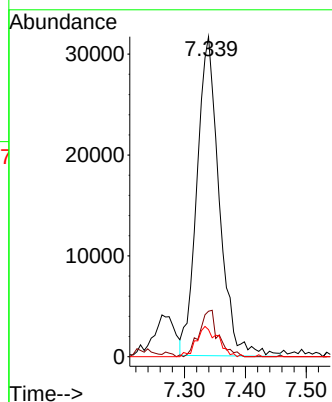
MSVOA_N

ClientSampleId :

S1-SO_116D-20220902



Tgt Ion:	43	Resp:	80461
Ion	Ratio	Lower	Upper
43	100		
61	12.5	11.1	16.7
70	9.1	7.2	10.8



#43

Isopropyl Acetate

Concen: 21.565 ug/l

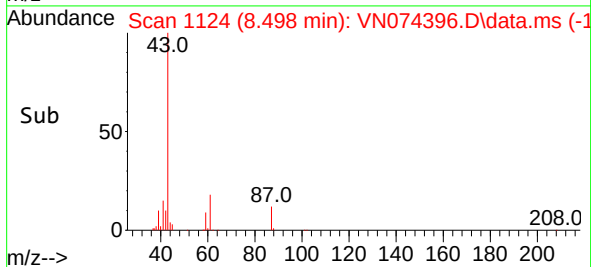
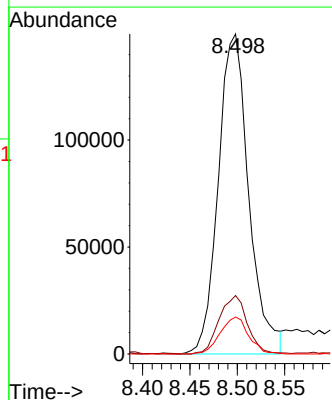
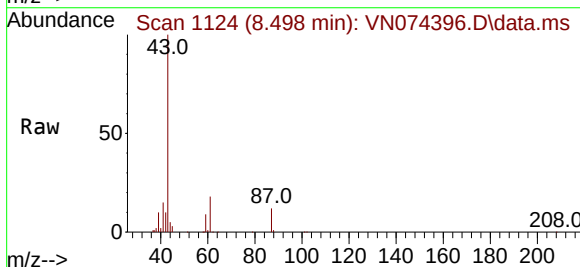
RT: 8.498 min Scan# 1124

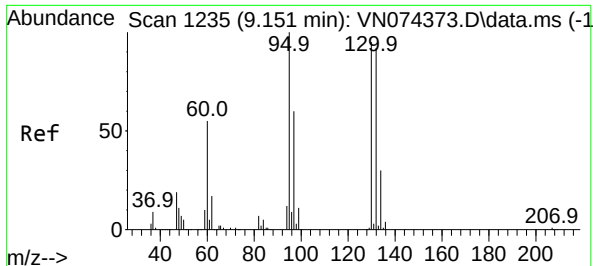
Delta R.T. 0.006 min

Lab File: VN074396.D

Acq: 10 Sep 2022 00:38

Tgt Ion:	43	Resp:	335635
Ion	Ratio	Lower	Upper
43	100		
61	16.9	18.6	27.8#
87	10.7	9.4	14.2

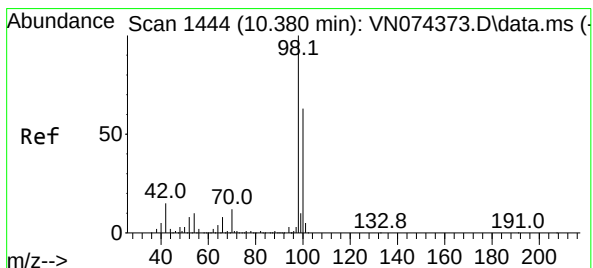
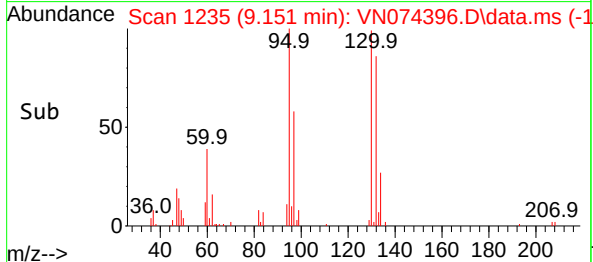
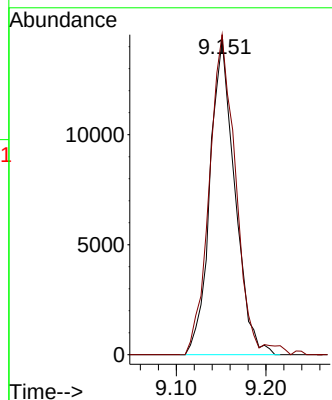
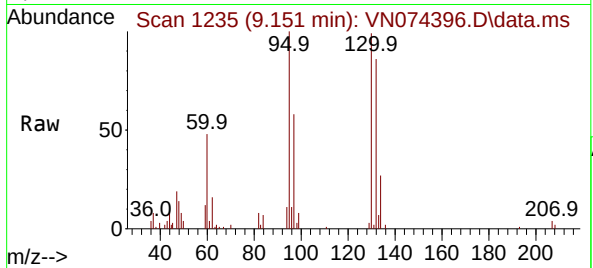




#44
Trichloroethene
Concen: 6.125 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

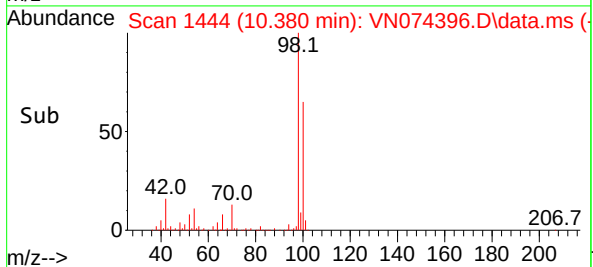
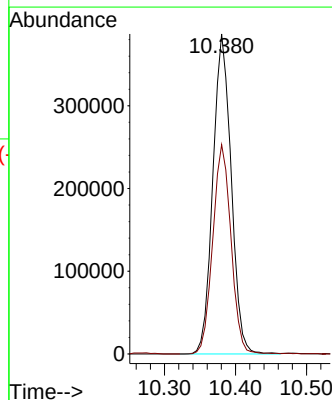
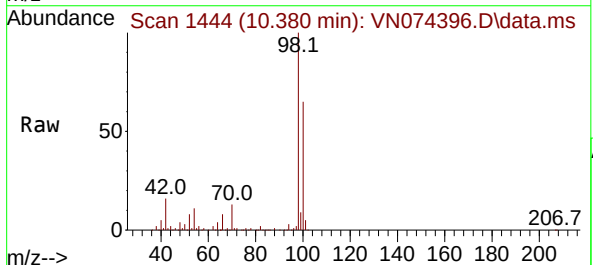
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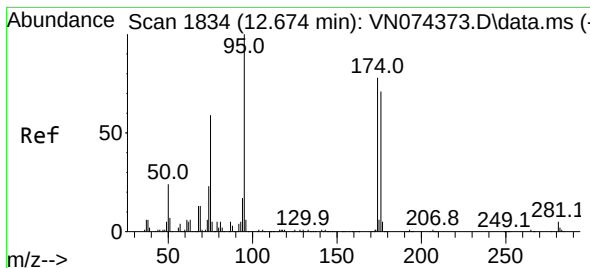
Tgt Ion:130 Resp: 27581
Ion Ratio Lower Upper
130 100
95 101.4 0.0 210.0



#50
Toluene-d8
Concen: 44.480 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

Tgt Ion: 98 Resp: 690201
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0

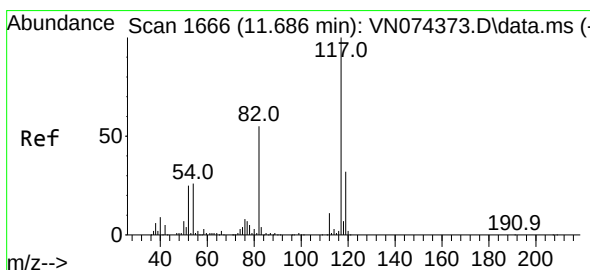
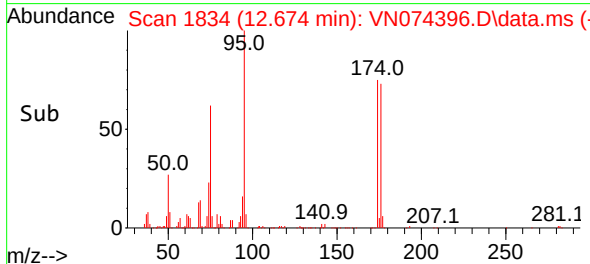
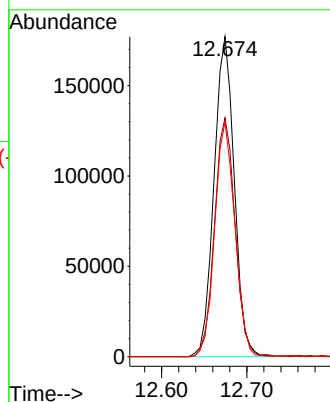
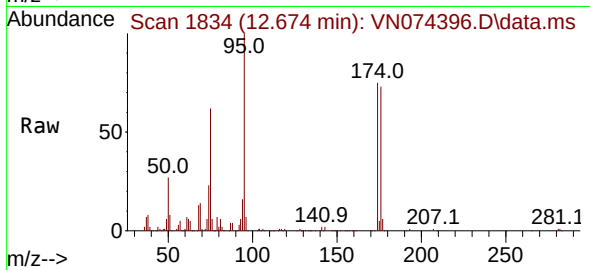




#62
4-Bromofluorobenzene
Concen: 51.951 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

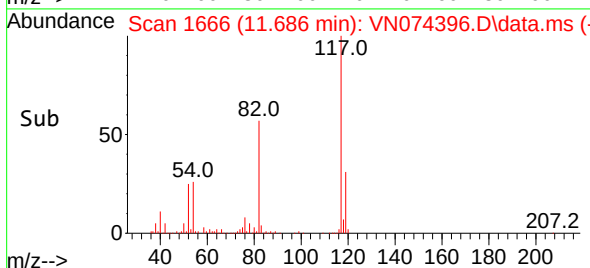
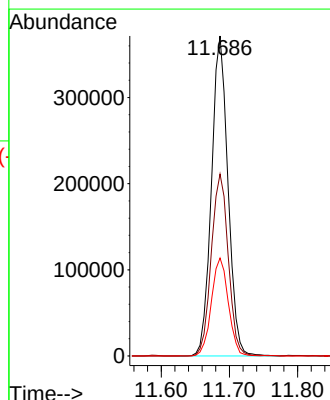
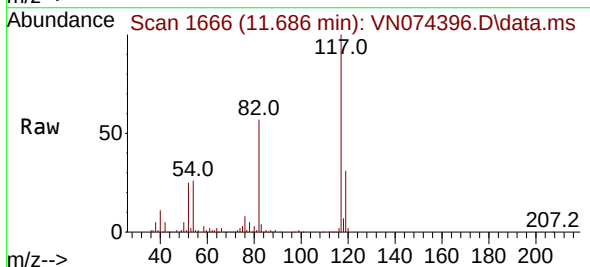
Instrument :
MSVOA_N
ClientSampleId :
S1-SO_116D-20220902

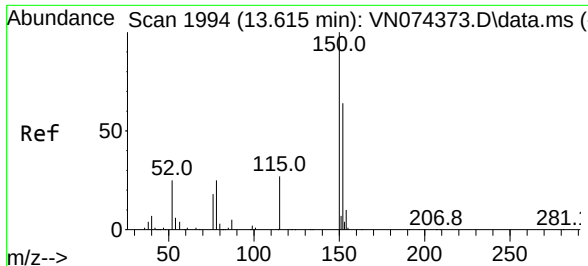
Tgt Ion: 95 Resp: 292680
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.6
176 73.2 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074396.D
Acq: 10 Sep 2022 00:38

Tgt Ion: 117 Resp: 626562
Ion Ratio Lower Upper
117 100
82 56.9 44.3 66.5
119 30.6 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: VN074396.D

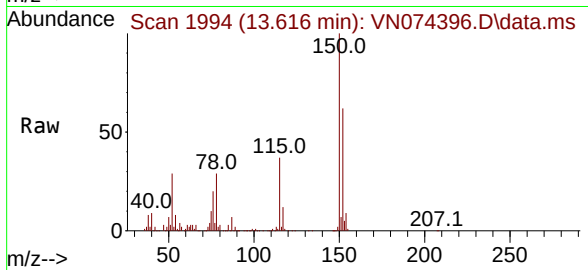
Acq: 10 Sep 2022 00:38

Instrument :

MSVOA_N

ClientSampleId :

S1-SO_116D-20220902



Tgt Ion:152 Resp: 282332

Ion	Ratio	Lower	Upper
152	100		
115	60.4	32.0	96.0
150	158.1	0.0	359.6

152 100

115 60.4 32.0 96.0

150 158.1 0.0 359.6

