

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074491.D
 Acq On : 16 Sep 2022 04:05
 Operator : JC\MD
 Sample : N4630-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-17-4-5

Quant Time: Sep 16 07:01:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

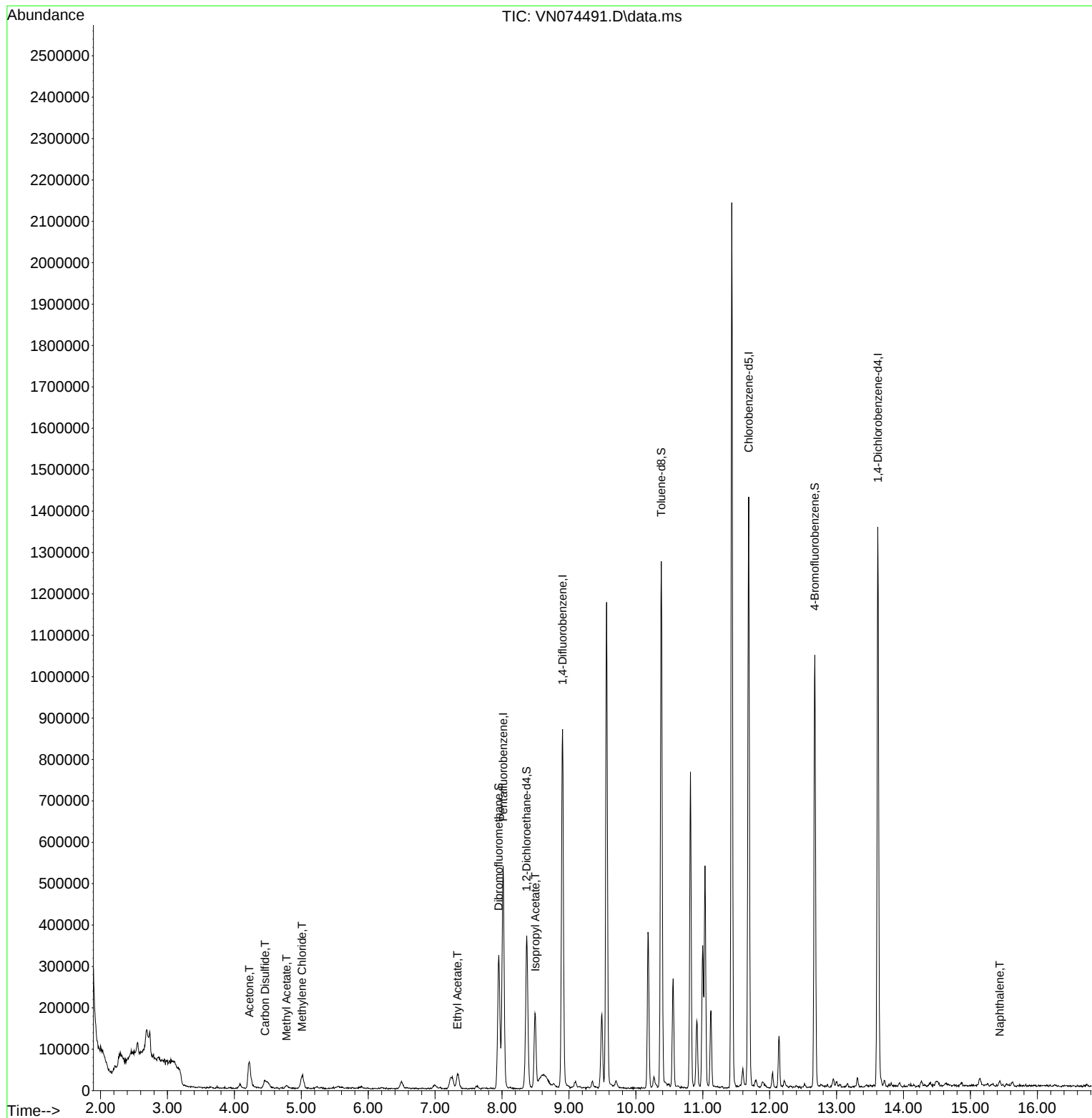
Internal Standards						
1) Pentafluorobenzene	8.016	168	373776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	720396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	725690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	323425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	270608	42.669	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.340%
35) Dibromofluoromethane	7.951	113	227043	47.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	10.381	98	830225	44.860	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.720%
62) 4-Bromofluorobenzene	12.675	95	327626	51.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.380%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	118528	29.207	ug/l #	88
17) Carbon Disulfide	4.457	76	39230	2.906	ug/l #	92
18) Methyl Acetate	4.781	43	13920	1.104	ug/l #	66
20) Methylene Chloride	5.010	84	22052	3.588	ug/l #	88
37) Ethyl Acetate	7.334	43	62010	4.740	ug/l #	90
43) Isopropyl Acetate	8.498	43	219567	10.716	ug/l #	85
95) Naphthalene	15.439	128	8131	1.873	ug/l #	85

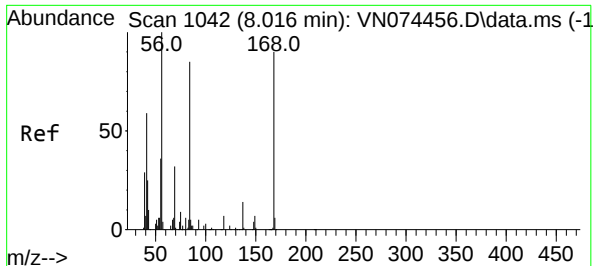
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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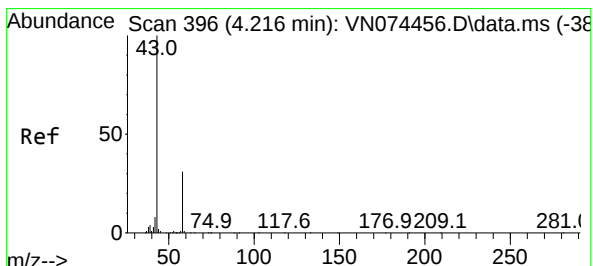
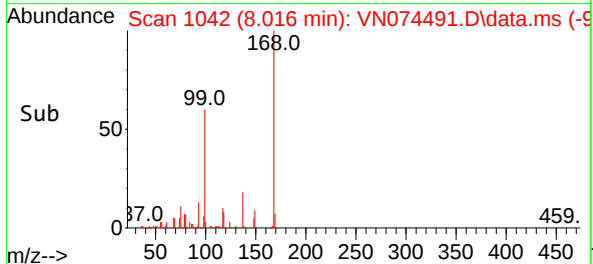
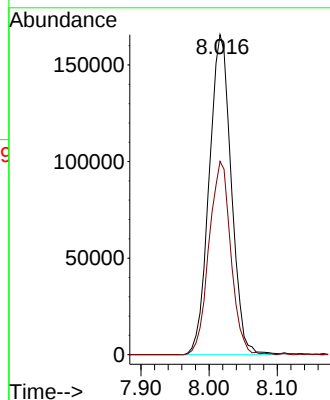
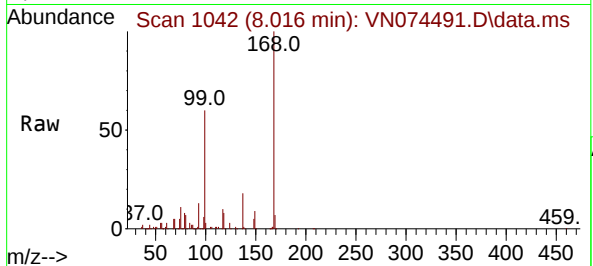




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

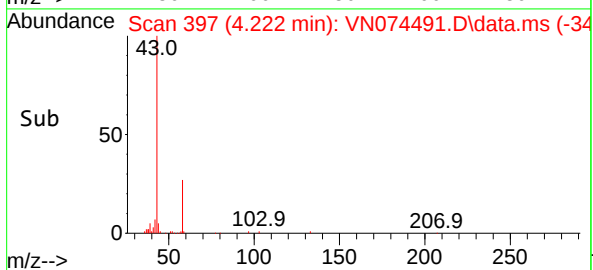
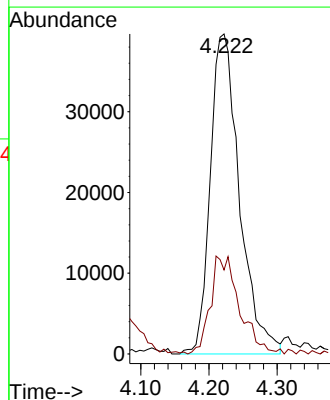
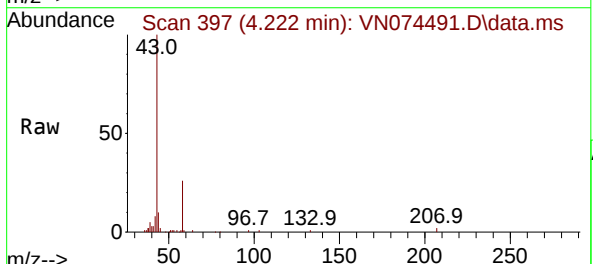
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5

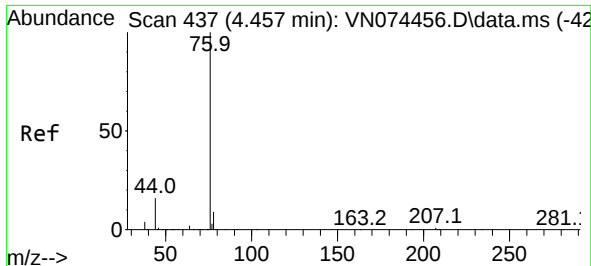
Tgt Ion:168 Resp: 373776
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#16
Acetone
Concen: 29.207 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

Tgt Ion: 43 Resp: 118528
Ion Ratio Lower Upper
43 100
58 25.9 26.0 39.0#

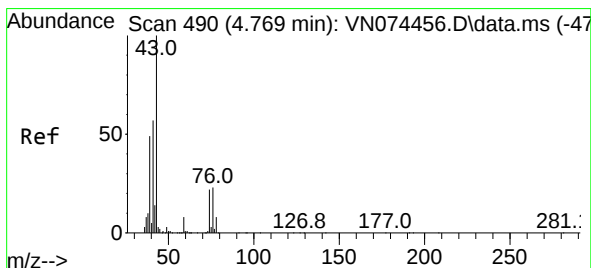
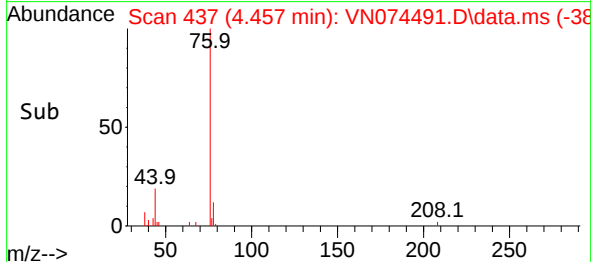
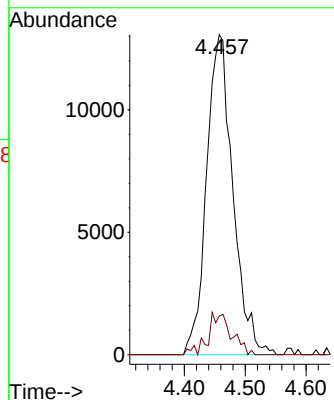
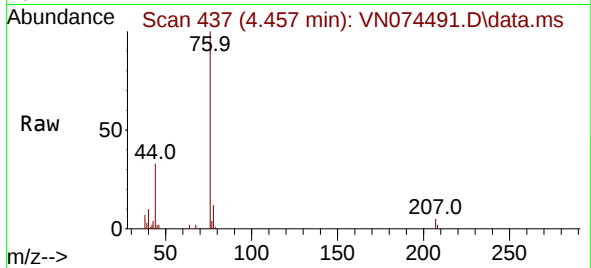




#17
Carbon Disulfide
Concen: 2.906 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

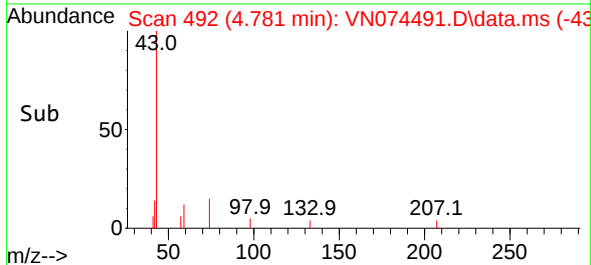
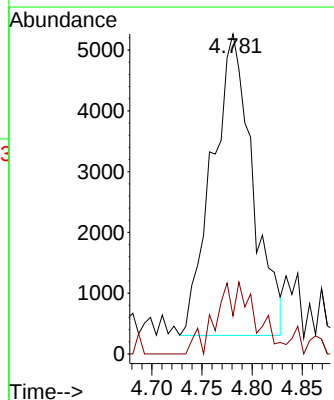
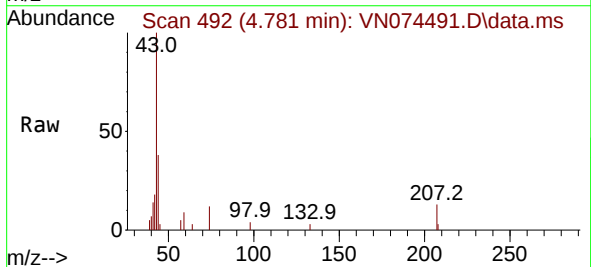
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5

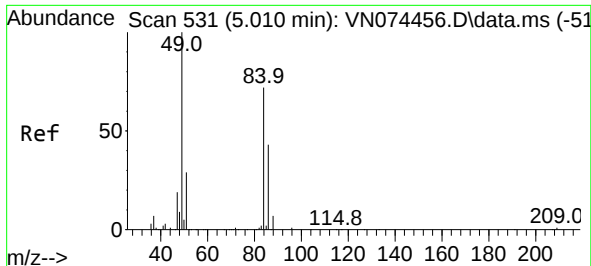
Tgt Ion: 76 Resp: 39230
Ion Ratio Lower Upper
76 100
78 12.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.104 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

Tgt Ion: 43 Resp: 13920
Ion Ratio Lower Upper
43 100
74 9.3 21.6 32.4#

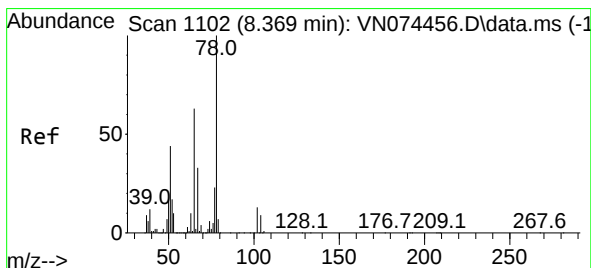
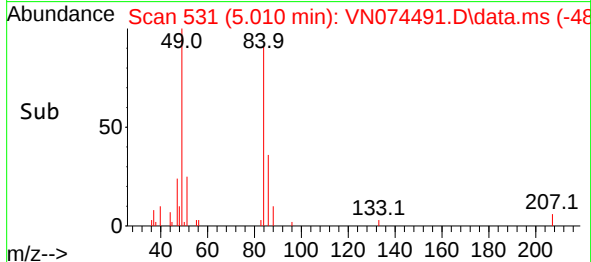
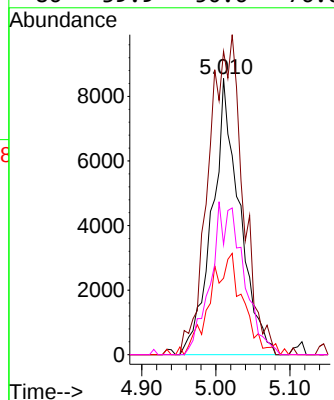
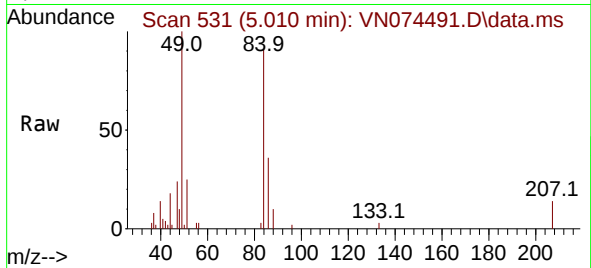




#20
Methylene Chloride
Concen: 3.588 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

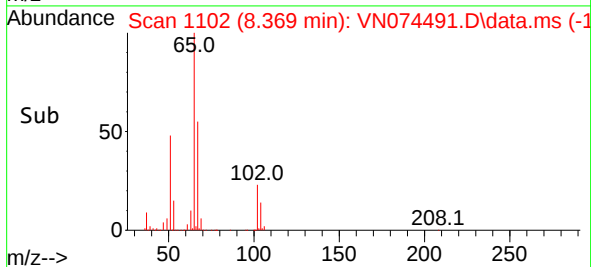
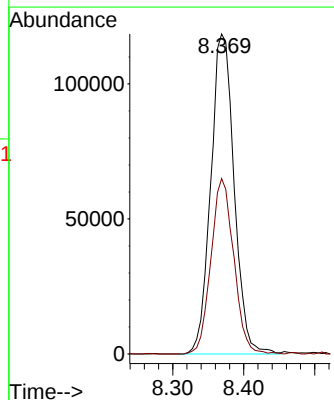
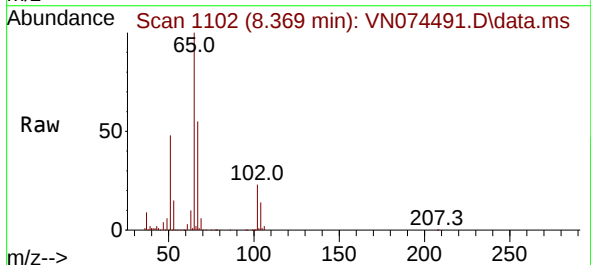
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5

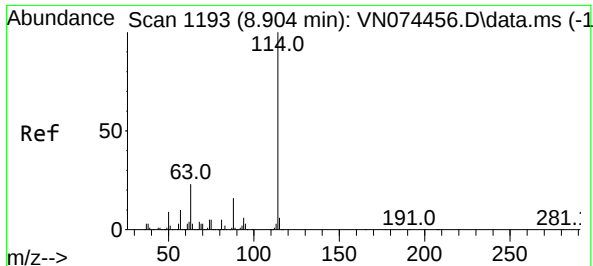
Tgt Ion: 84 Resp: 22052
Ion Ratio Lower Upper
84 100
49 109.9 88.3 132.5
51 27.7 28.2 42.2#
86 39.9 50.6 76.0#



#33
1,2-Dichloroethane-d4
Concen: 42.669 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

Tgt Ion: 65 Resp: 270608
Ion Ratio Lower Upper
65 100
67 53.5 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: VN074491.D

Acq: 16 Sep 2022 04:05

Instrument :

MSVOA_N

ClientSampleId :

WC-17-4-5

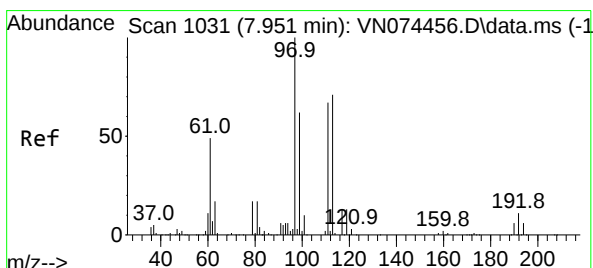
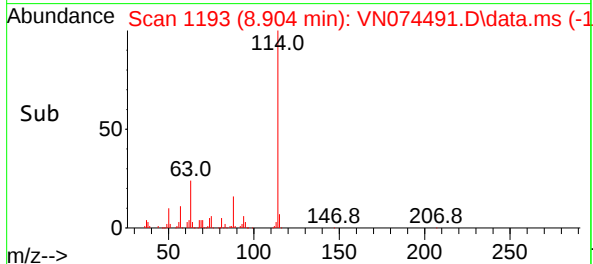
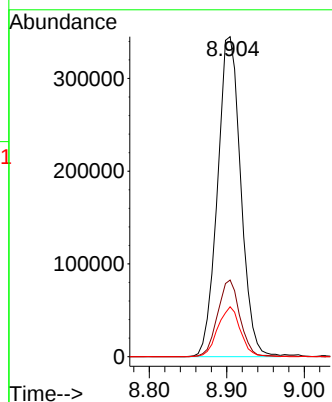
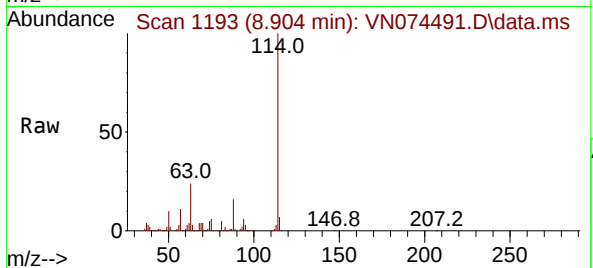
Tgt Ion:114 Resp: 720396

Ion Ratio Lower Upper

114 100

63 23.9 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.444 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074491.D

Acq: 16 Sep 2022 04:05

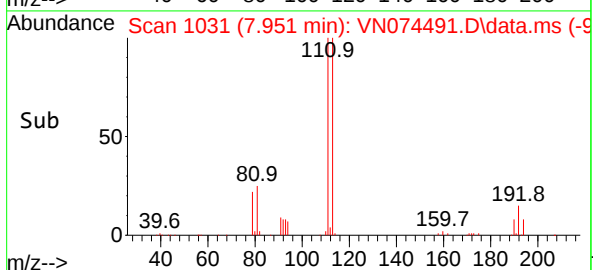
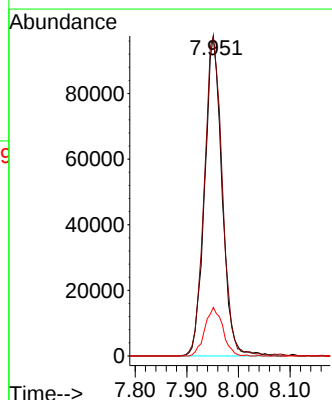
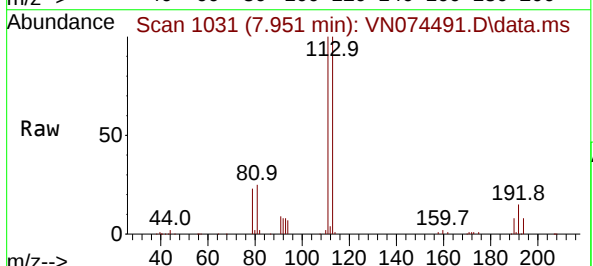
Tgt Ion:113 Resp: 227043

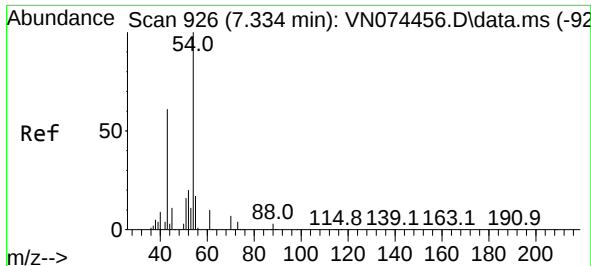
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 15.8 17.0 25.6#

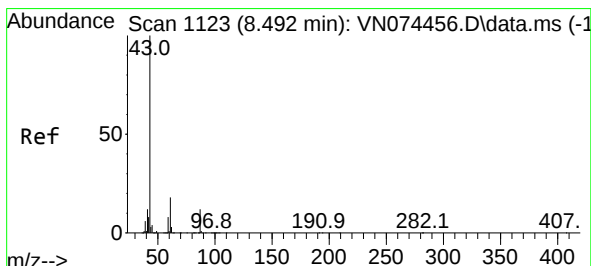
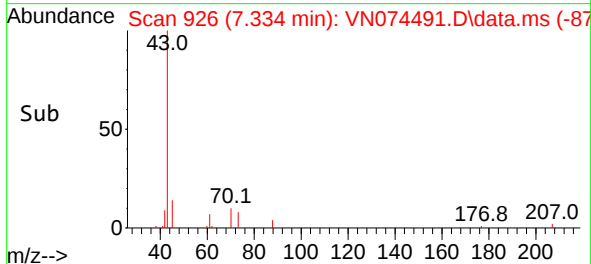
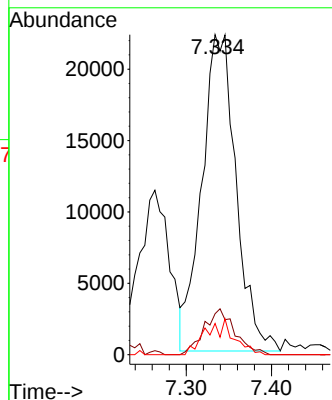
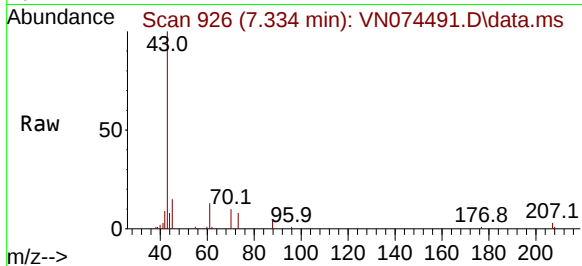




#37
Ethyl Acetate
Concen: 4.740 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

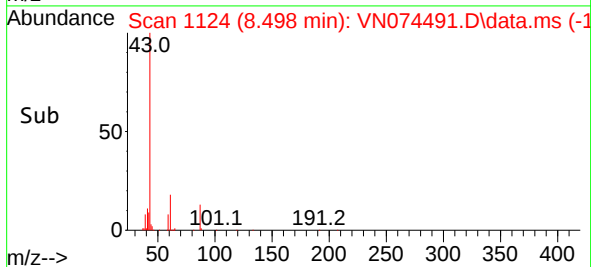
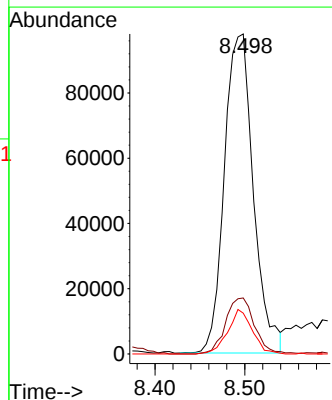
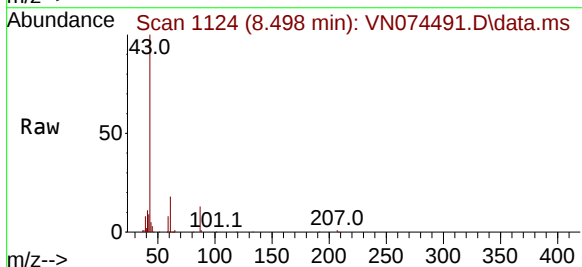
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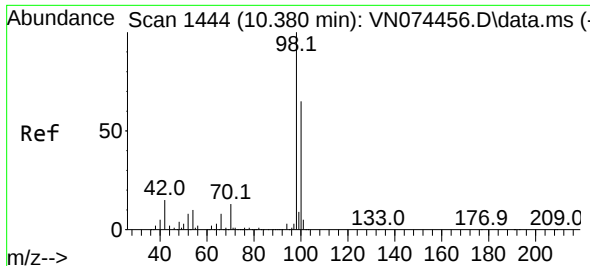
Tgt Ion: 43 Resp: 62010
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 5.1 9.3 13.9#



#43
Isopropyl Acetate
Concen: 10.716 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

Tgt Ion: 43 Resp: 219567
Ion Ratio Lower Upper
43 100
61 17.5 21.9 32.9#
87 11.8 12.0 18.0#

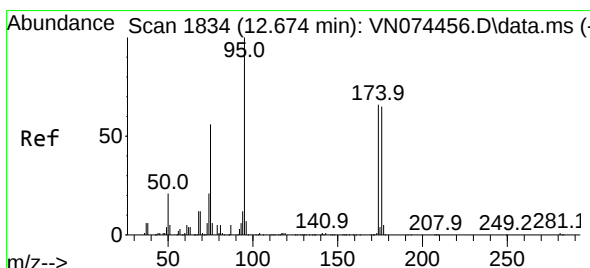
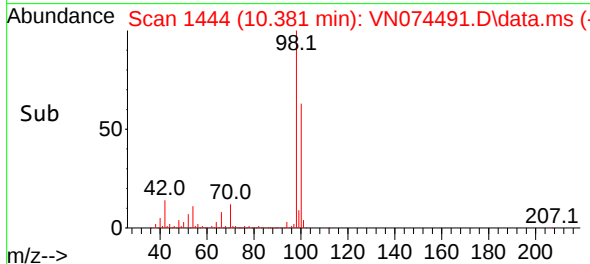
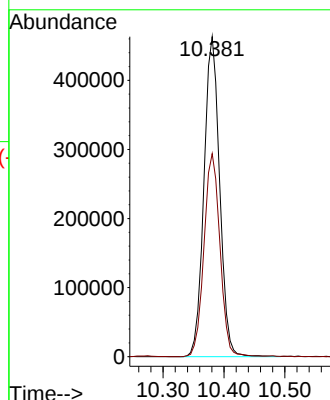
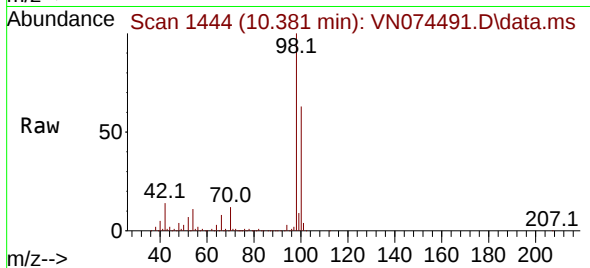




#50
Toluene-d8
Concen: 44.860 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

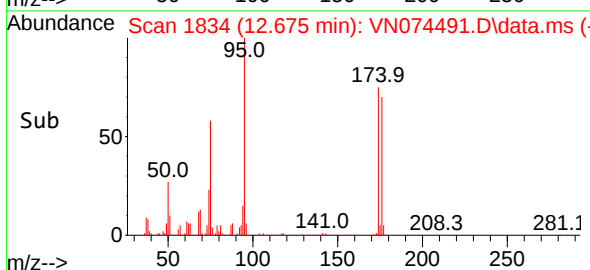
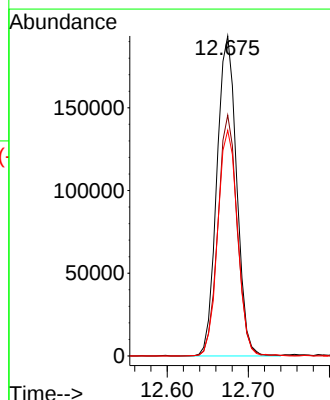
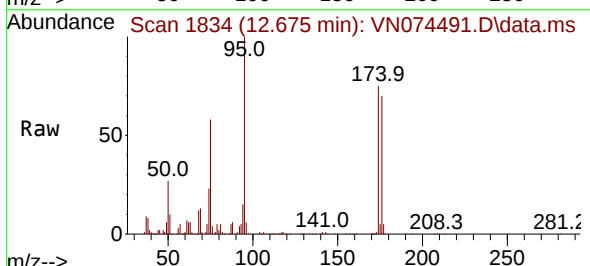
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5

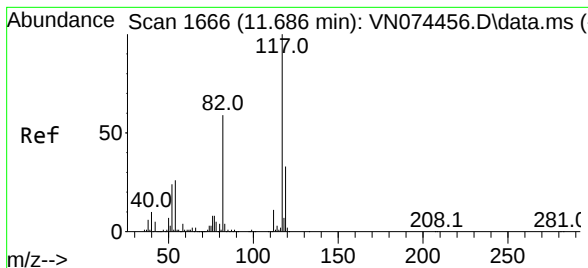
Tgt Ion: 98 Resp: 830225
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.687 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

Tgt Ion: 95 Resp: 327626
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 70.8 0.0 163.4

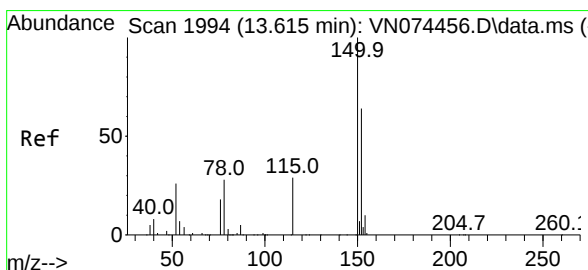
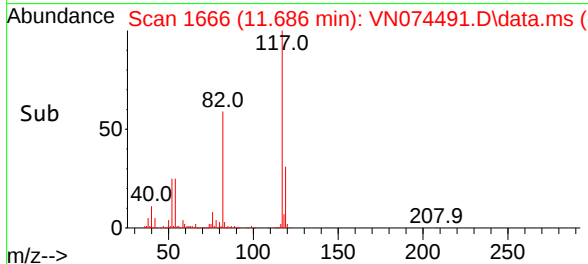
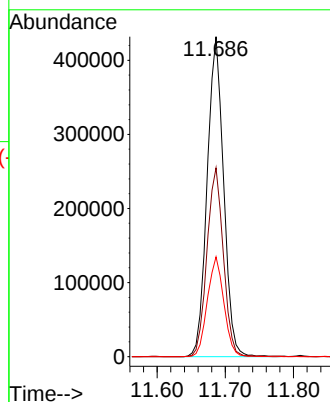
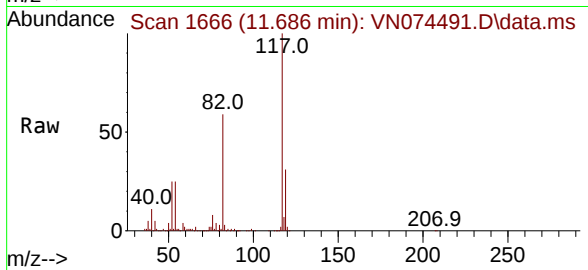




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

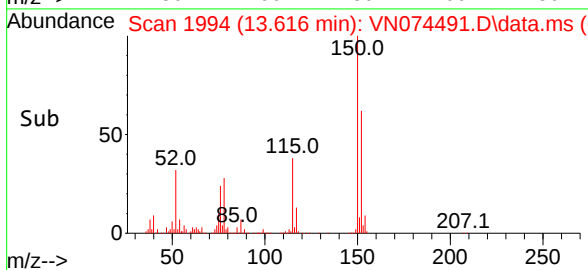
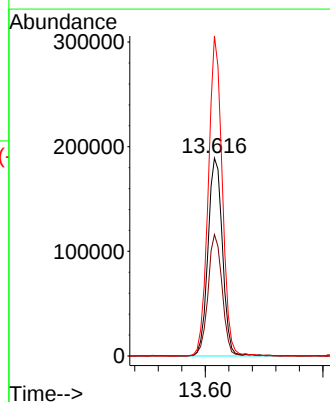
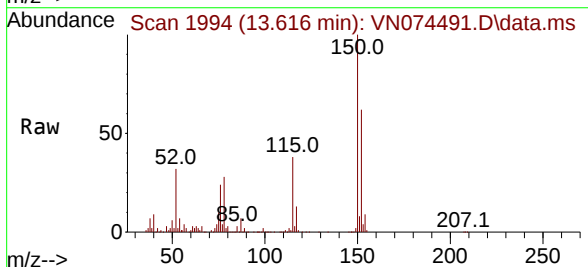
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5

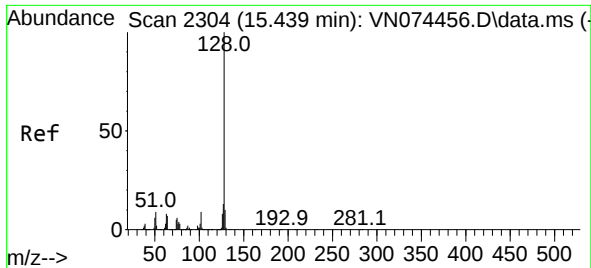
Tgt Ion:117 Resp: 725690
Ion Ratio Lower Upper
117 100
82 59.0 44.2 66.2
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

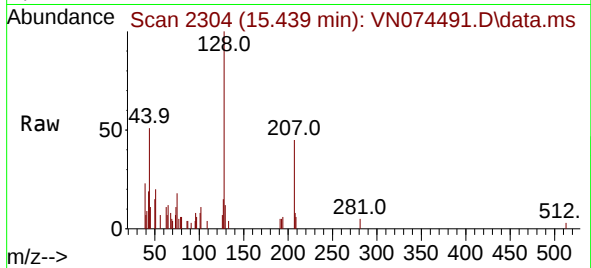
Tgt Ion:152 Resp: 323425
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 156.0 0.0 356.2





#95
Naphthalene
Concen: 1.873 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074491.D
Acq: 16 Sep 2022 04:05

Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-5



Tgt Ion	Ratio	Lower	Upper
128	100		
127	20.6	10.3	15.5#
129	14.4	8.6	13.0#

