

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074493.D
 Acq On : 16 Sep 2022 04:53
 Operator : JC\MD
 Sample : N4630-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-17-4-3

Quant Time: Sep 16 07:02:10 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)

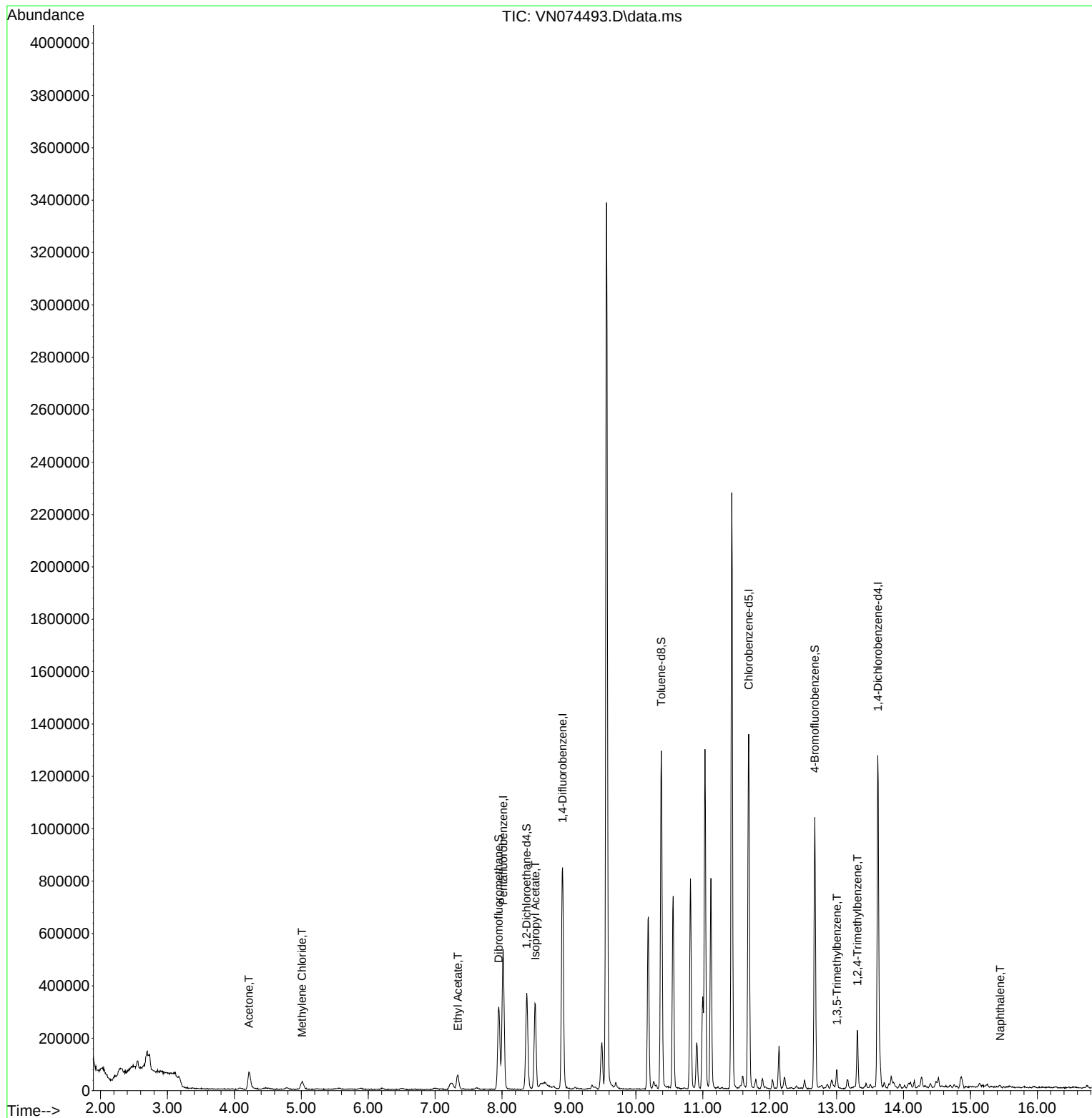
Internal Standards						
1) Pentafluorobenzene	8.016	168	370991	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	721379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	716258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	296482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	274287	43.574	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.140%
35) Dibromofluoromethane	7.951	113	225492	47.056	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	10.381	98	833541	44.977	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.674	95	322718	50.844	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.680%
Target Compounds						
					Qvalue	
16) Acetone	4.216	43	120461	29.906	ug/l	96
20) Methylene Chloride	5.010	84	19828	3.253	ug/l #	71
37) Ethyl Acetate	7.340	43	90509	6.910	ug/l #	93
43) Isopropyl Acetate	8.498	43	400490	19.519	ug/l #	84
80) 1,3,5-Trimethylbenzene	13.004	105	31295	1.265	ug/l	92
84) 1,2,4-Trimethylbenzene	13.310	105	113798	4.569	ug/l	99
95) Naphthalene	15.445	128	8647	1.919	ug/l #	95

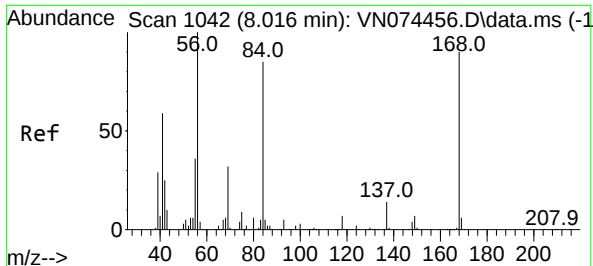
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
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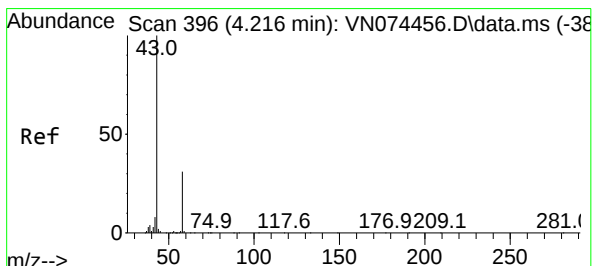
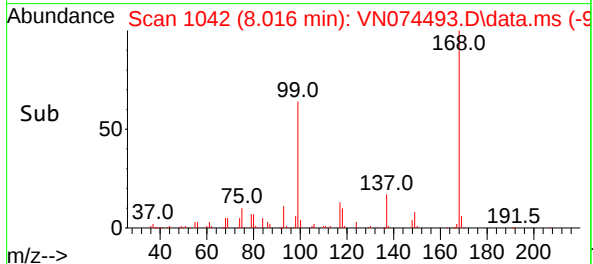
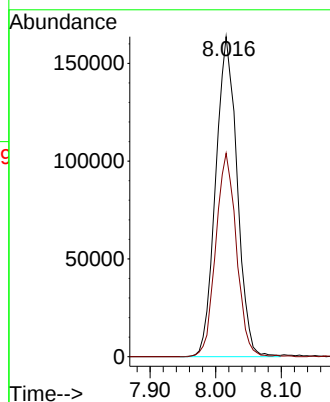
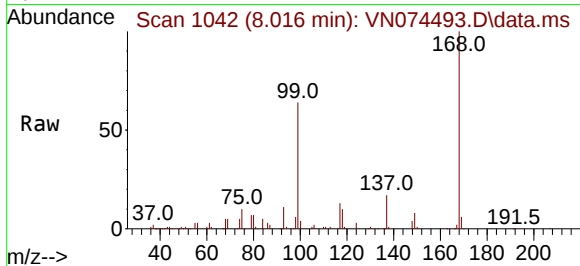




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074493.D
Acq: 16 Sep 2022 04:53

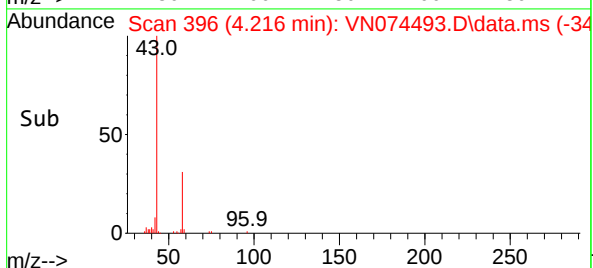
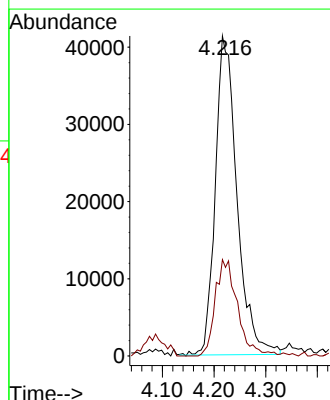
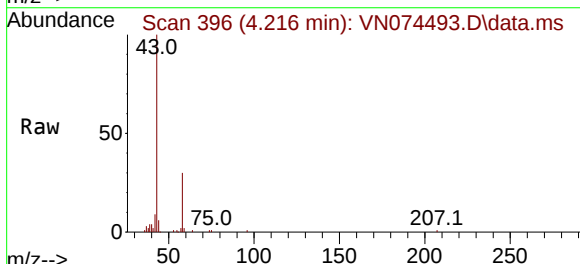
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-3

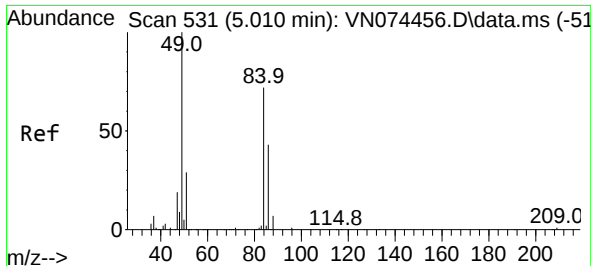
Tgt Ion:168 Resp: 370991
Ion Ratio Lower Upper
168 100
99 63.6 42.3 63.5#



#16
Acetone
Concen: 29.906 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074493.D
Acq: 16 Sep 2022 04:53

Tgt Ion: 43 Resp: 120461
Ion Ratio Lower Upper
43 100
58 30.3 26.0 39.0

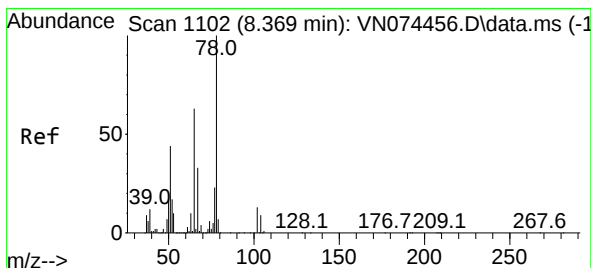
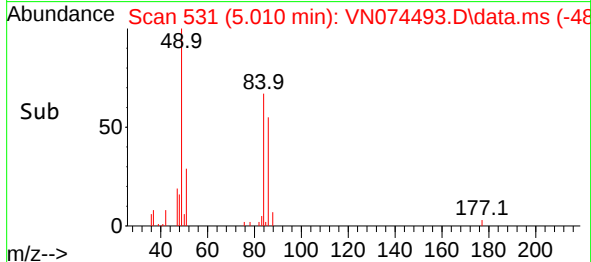
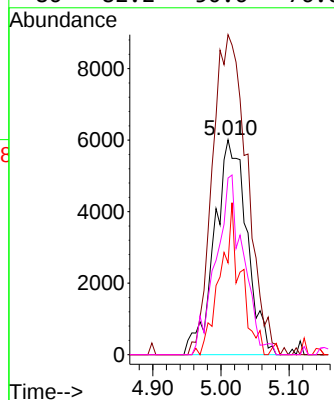
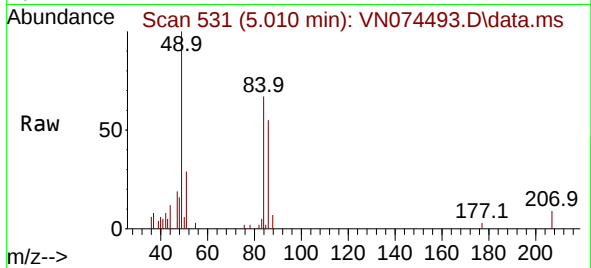




#20
Methylene Chloride
Concen: 3.253 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074493.D
Acq: 16 Sep 2022 04:53

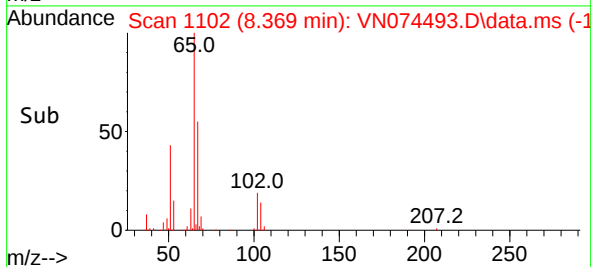
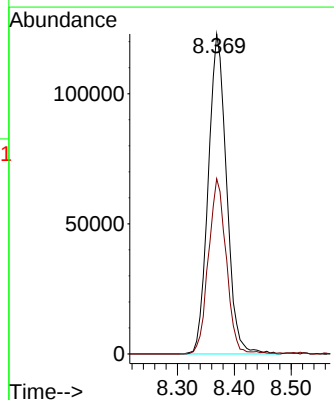
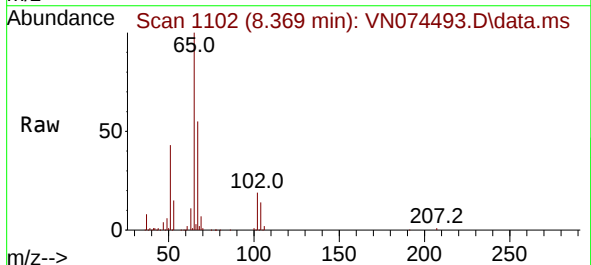
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-3

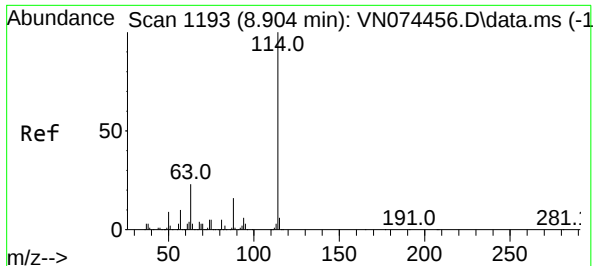
Tgt Ion: 84 Resp: 19828
Ion Ratio Lower Upper
84 100
49 148.9 88.3 132.5#
51 42.7 28.2 42.2#
86 82.2 50.6 76.0#



#33
1,2-Dichloroethane-d4
Concen: 43.574 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074493.D
Acq: 16 Sep 2022 04:53

Tgt Ion: 65 Resp: 274287
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: VN074493.D

Acq: 16 Sep 2022 04:53

Instrument :

MSVOA_N

ClientSampleId :

WC-17-4-3

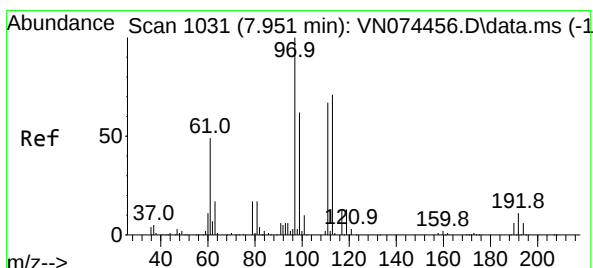
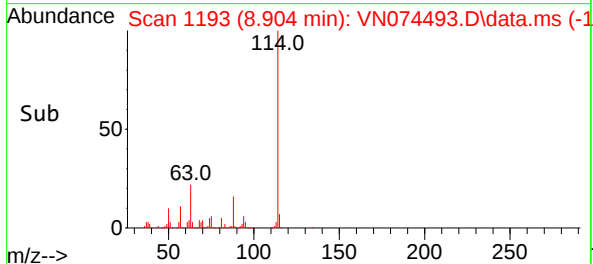
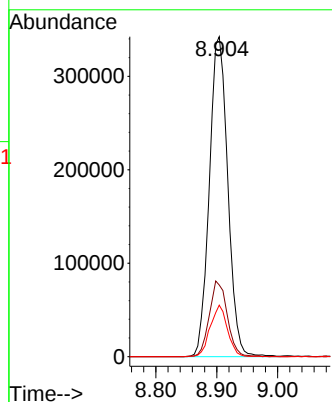
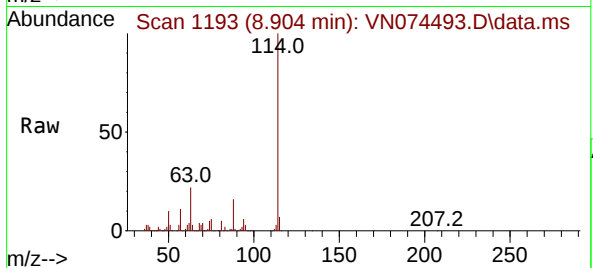
Tgt Ion:114 Resp: 721379

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.056 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074493.D

Acq: 16 Sep 2022 04:53

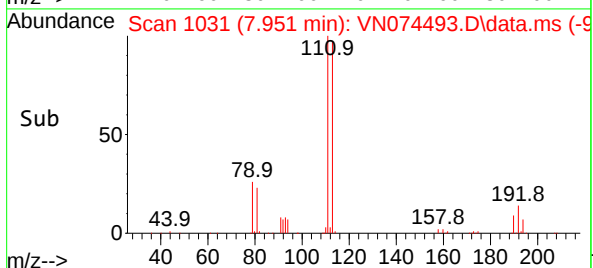
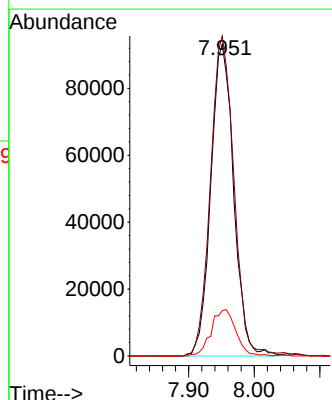
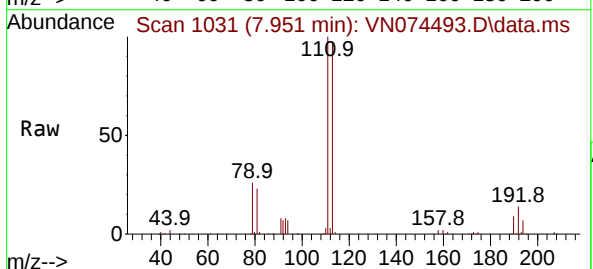
Tgt Ion:113 Resp: 225492

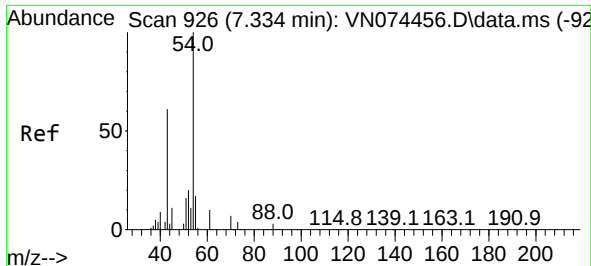
Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 16.0 17.0 25.6#

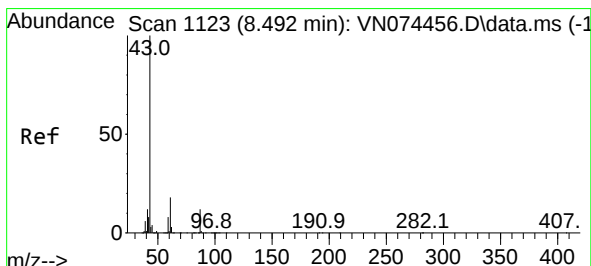
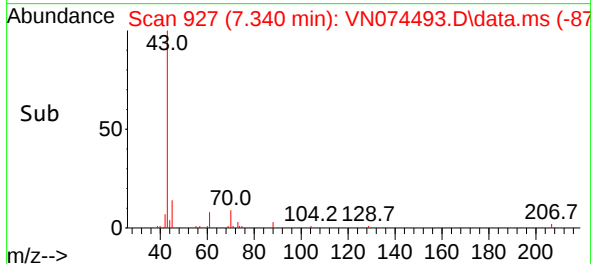
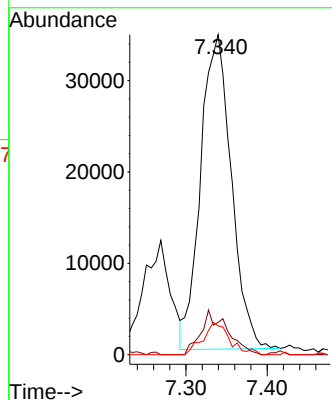
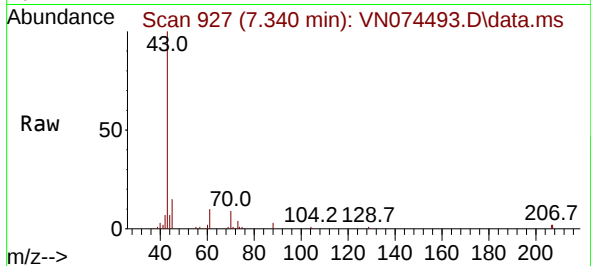




#37
Ethyl Acetate
Concen: 6.910 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074493.D
Acq: 16 Sep 2022 04:53

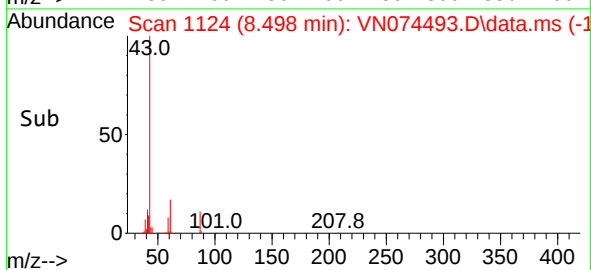
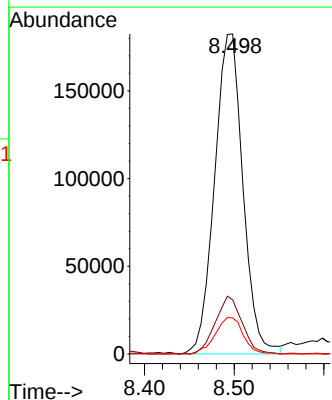
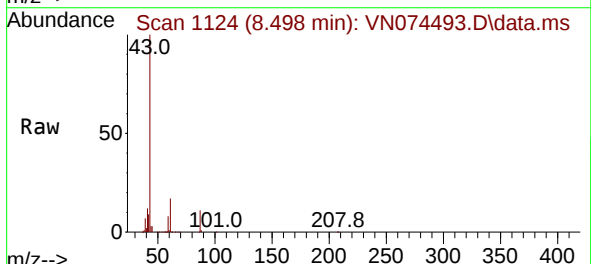
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-3

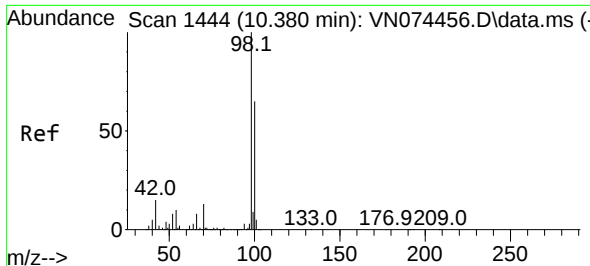
Tgt Ion: 43 Resp: 90509
Ion Ratio Lower Upper
43 100
61 12.2 11.8 17.6
70 8.6 9.3 13.9#



#43
Isopropyl Acetate
Concen: 19.519 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074493.D
Acq: 16 Sep 2022 04:53

Tgt Ion: 43 Resp: 400490
Ion Ratio Lower Upper
43 100
61 17.0 21.9 32.9#
87 11.2 12.0 18.0#

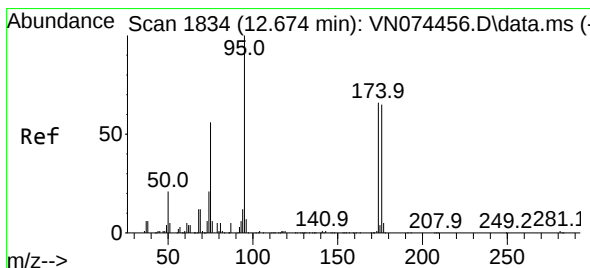
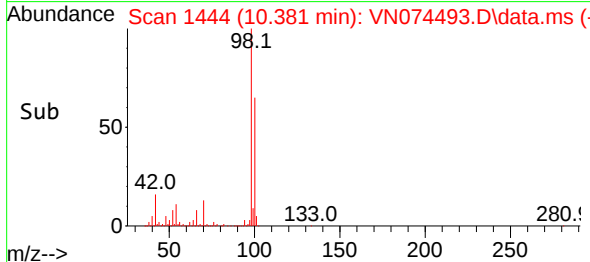
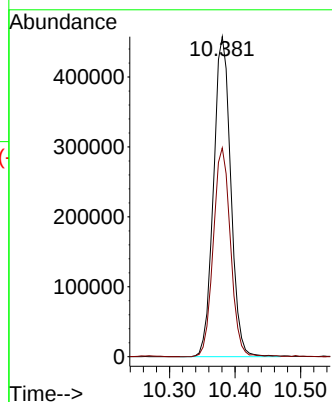
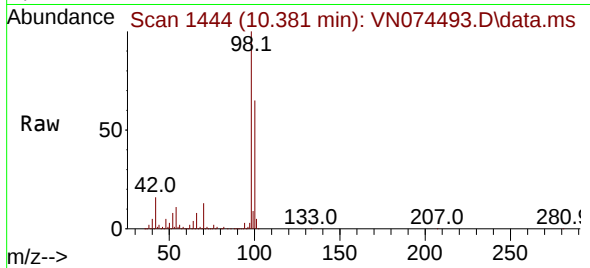




#50
Toluene-d8
Concen: 44.977 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074493.D
Acq: 16 Sep 2022 04:53

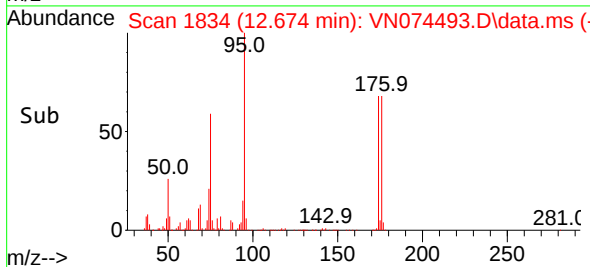
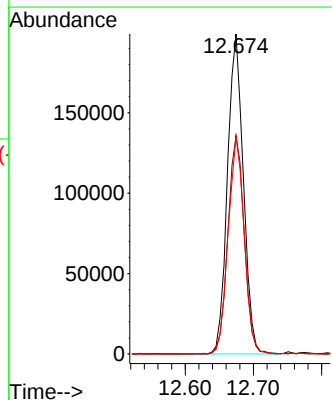
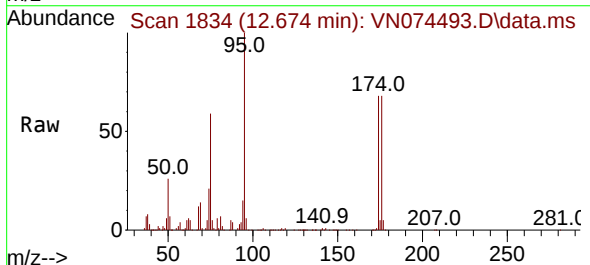
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-3

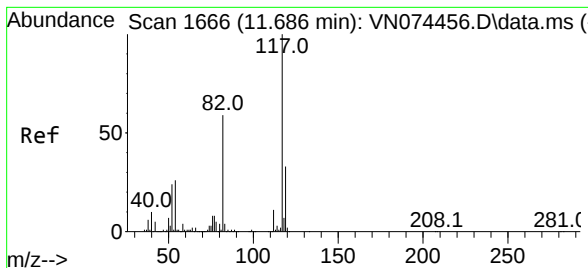
Tgt Ion: 98 Resp: 833541
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.844 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074493.D
Acq: 16 Sep 2022 04:53

Tgt Ion: 95 Resp: 322718
Ion Ratio Lower Upper
95 100
174 69.6 0.0 167.6
176 68.4 0.0 163.4

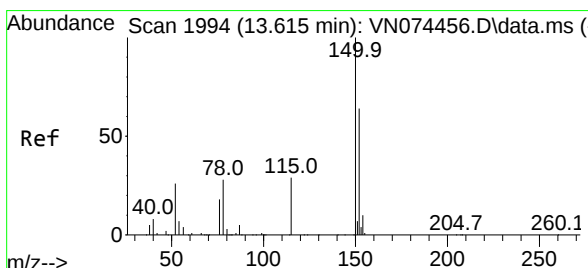
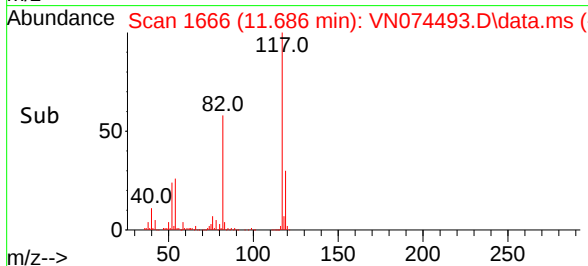
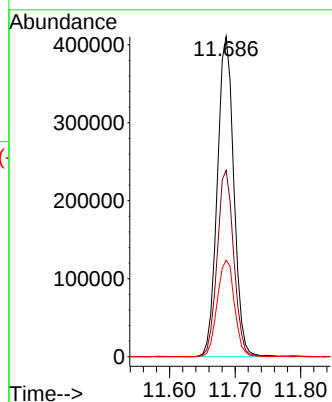
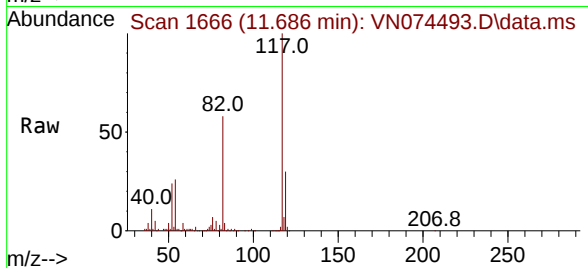




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074493.D
Acq: 16 Sep 2022 04:53

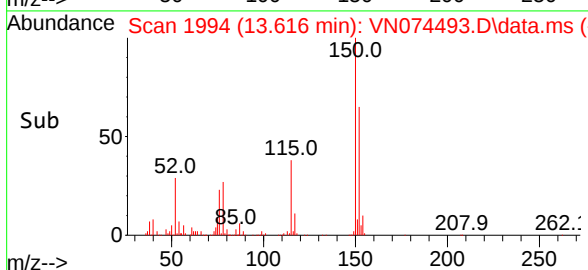
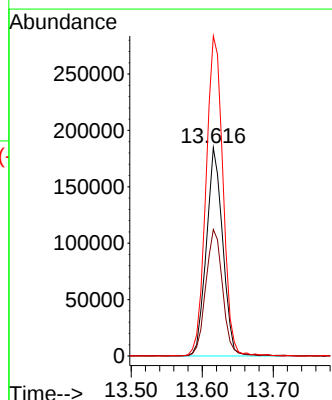
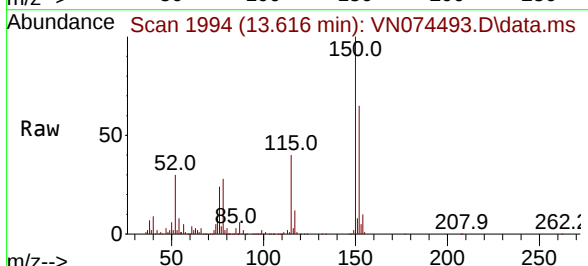
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ClientSampleId :
WC-17-4-3

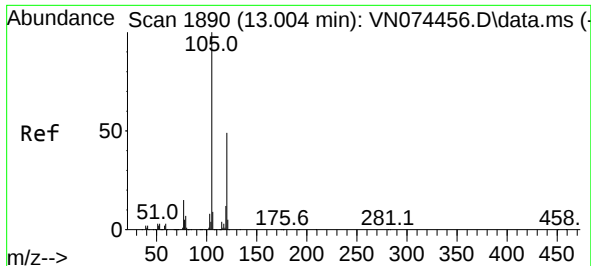
Tgt Ion:117 Resp: 716258
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 30.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074493.D
Acq: 16 Sep 2022 04:53

Tgt Ion:152 Resp: 296482
Ion Ratio Lower Upper
152 100
115 62.6 28.9 86.7
150 159.1 0.0 356.2

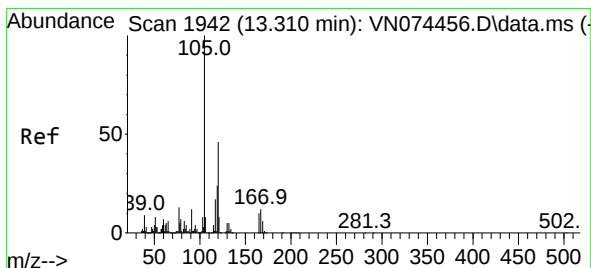
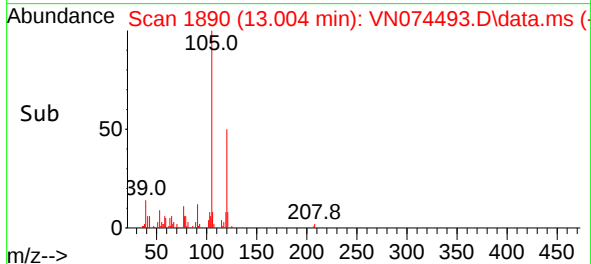
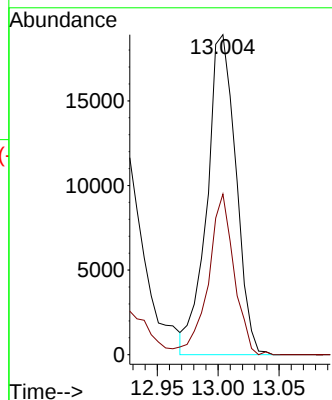
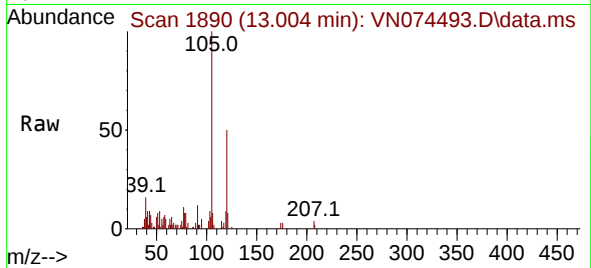




#80
 1,3,5-Trimethylbenzene
 Concen: 1.265 ug/l
 RT: 13.004 min Scan# 1890
 Delta R.T. -0.000 min
 Lab File: VN074493.D
 Acq: 16 Sep 2022 04:53

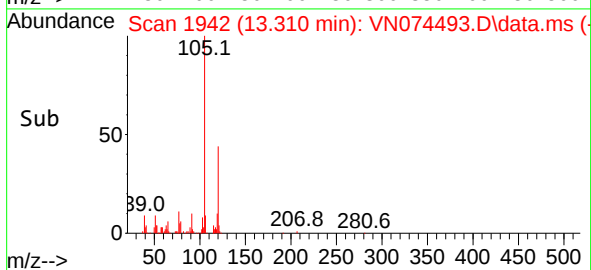
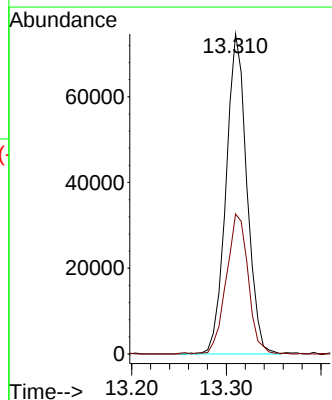
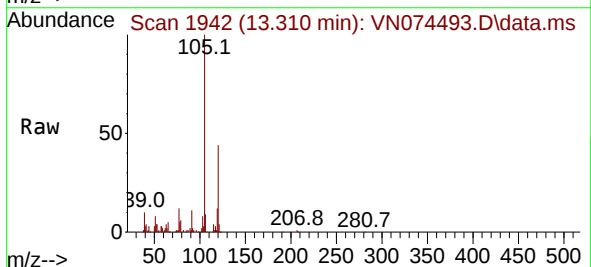
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-17-4-3

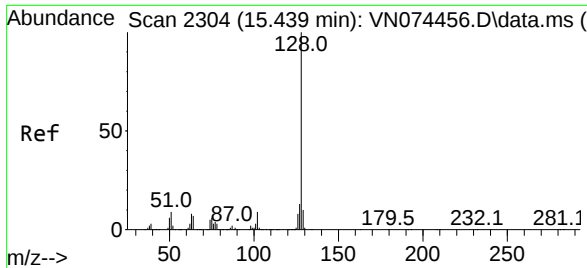
Tgt Ion:105 Resp: 31295
 Ion Ratio Lower Upper
 105 100
 120 44.5 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 4.569 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN074493.D
 Acq: 16 Sep 2022 04:53

Tgt Ion:105 Resp: 113798
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8





#95

Naphthalene

Concen: 1.919 ug/l

RT: 15.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN074493.D

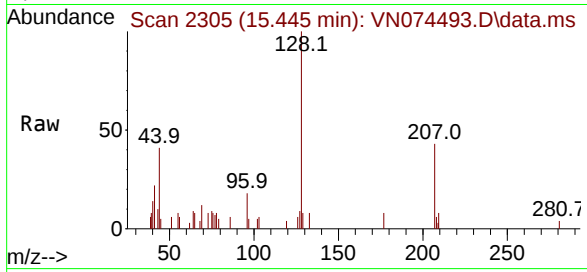
Acq: 16 Sep 2022 04:53

Instrument :

MSVOA_N

ClientSampleId :

WC-17-4-3



Tgt Ion:128 Resp: 8647

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 8.0 8.6 13.0#

