

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074488.D
 Acq On : 16 Sep 2022 02:52
 Operator : JC\MD
 Sample : N4630-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-17-4-1

Quant Time: Sep 16 07:01:13 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)

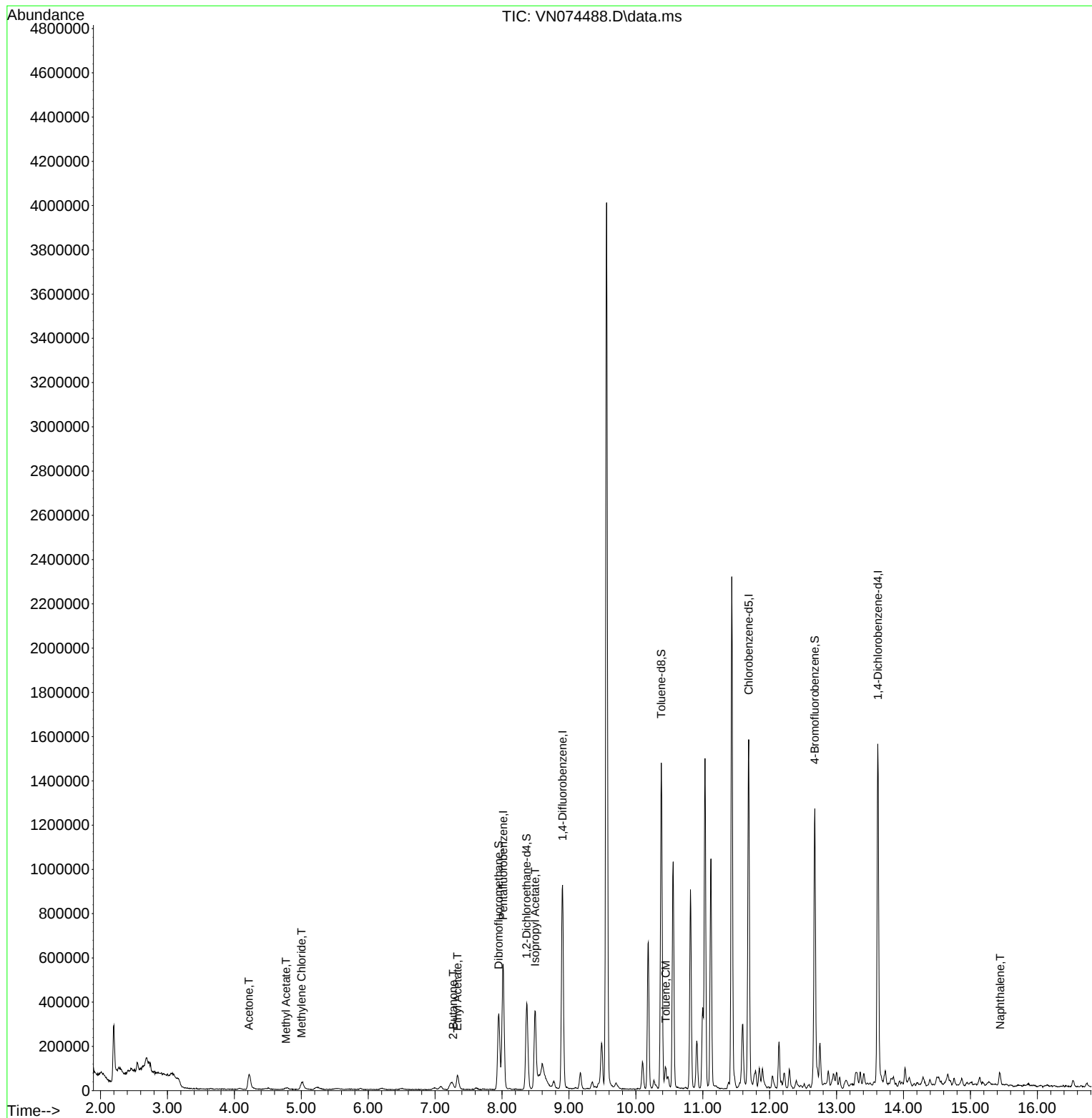
Internal Standards						
1) Pentafluorobenzene	8.016	168	396343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	768914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	795698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	371225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	299471	44.532	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.060%		
35) Dibromofluoromethane	7.951	113	243147	47.603	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.200%		
50) Toluene-d8	10.381	98	922862	46.719	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.440%		
62) 4-Bromofluorobenzene	12.674	95	389835	57.621	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.240%		
Target Compounds					Qvalue	
16) Acetone	4.216	43	124977	29.042	ug/l	90
18) Methyl Acetate	4.769	43	16815	1.258	ug/l #	73
20) Methylene Chloride	5.004	84	25255	3.873	ug/l #	93
25) 2-Butanone	7.269	43	35998	5.038	ug/l #	88
37) Ethyl Acetate	7.334	43	99895	7.155	ug/l #	96
43) Isopropyl Acetate	8.492	43	451089	20.626	ug/l #	82
52) Toluene	10.445	92	33781	2.061	ug/l	90
95) Naphthalene	15.445	128	46988	3.021	ug/l	97

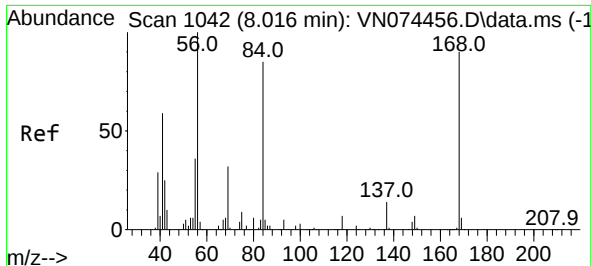
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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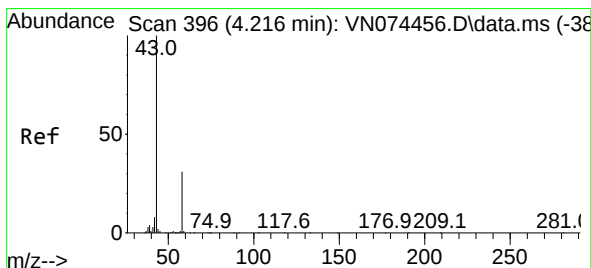
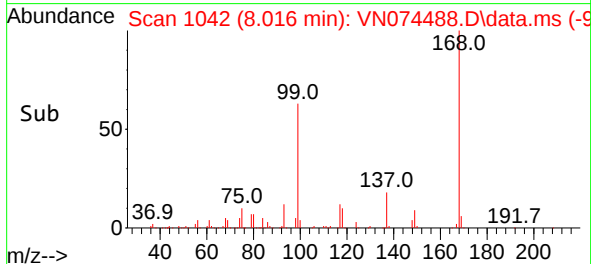
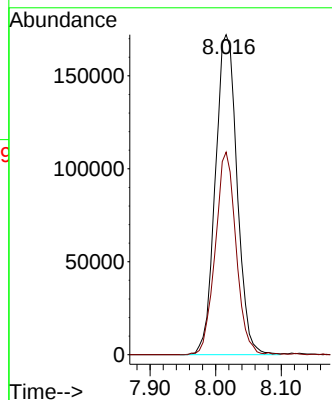
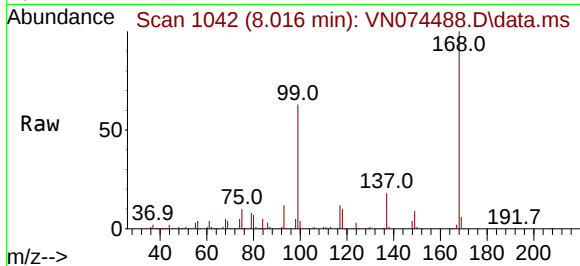




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074488.D
Acq: 16 Sep 2022 02:52

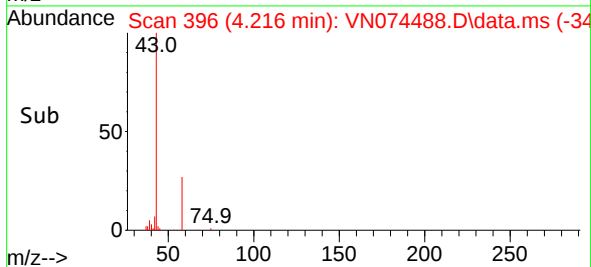
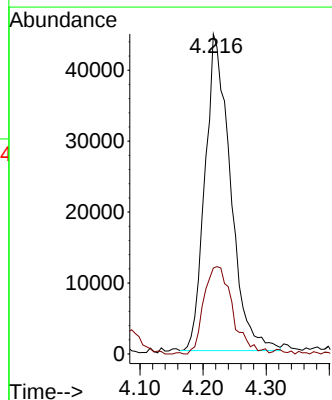
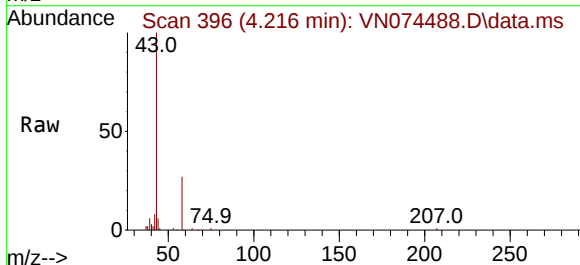
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-1

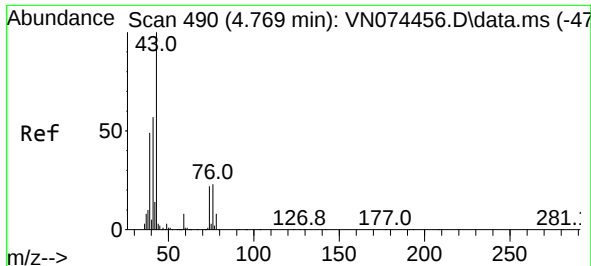
Tgt Ion:168 Resp: 396343
Ion Ratio Lower Upper
168 100
99 63.3 42.3 63.5



#16
Acetone
Concen: 29.042 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074488.D
Acq: 16 Sep 2022 02:52

Tgt Ion: 43 Resp: 124977
Ion Ratio Lower Upper
43 100
58 26.7 26.0 39.0





#18

Methyl Acetate

Concen: 1.258 ug/l

RT: 4.769 min Scan# 490

Delta R.T. 0.000 min

Lab File: VN074488.D

Acq: 16 Sep 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

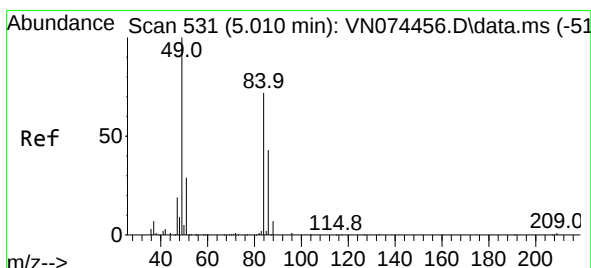
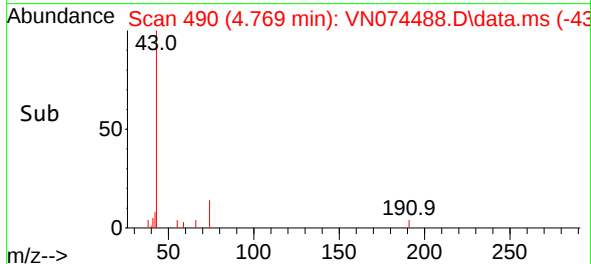
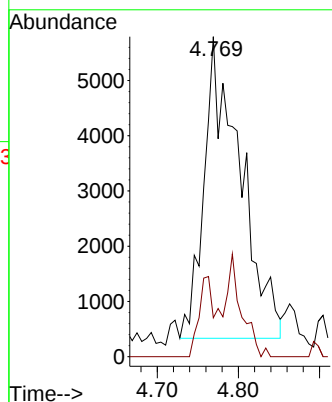
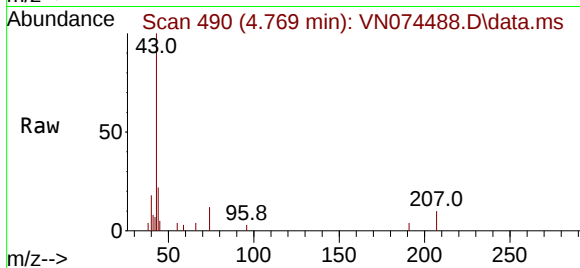
WC-17-4-1

Tgt Ion: 43 Resp: 16815

Ion Ratio Lower Upper

43 100

74 13.2 21.6 32.4#



#20

Methylene Chloride

Concen: 3.873 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN074488.D

Acq: 16 Sep 2022 02:52

Tgt Ion: 84 Resp: 25255

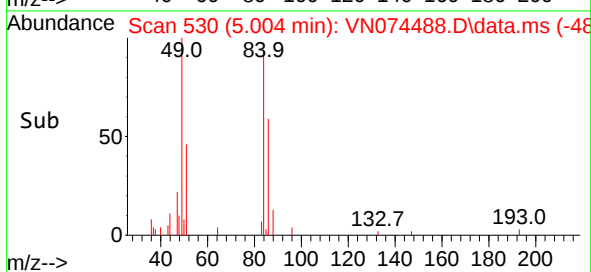
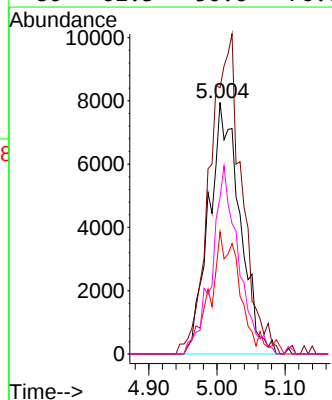
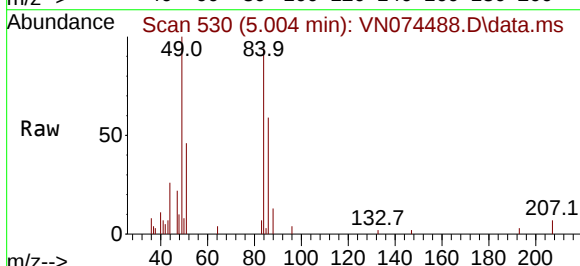
Ion Ratio Lower Upper

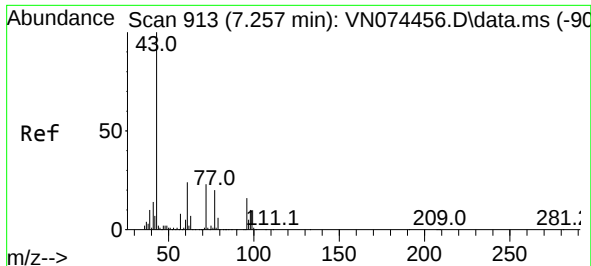
84 100

49 105.9 88.3 132.5

51 48.6 28.2 42.2#

86 62.3 50.6 76.0

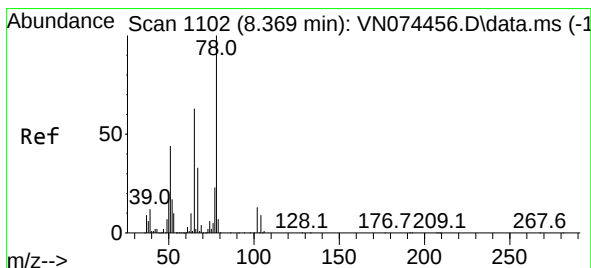
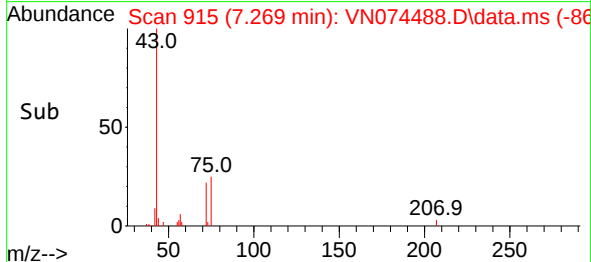
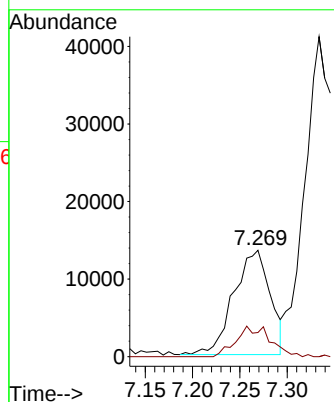
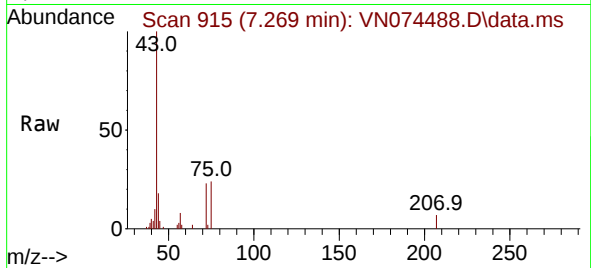




#25
2-Butanone
Concen: 5.038 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN074488.D
Acq: 16 Sep 2022 02:52

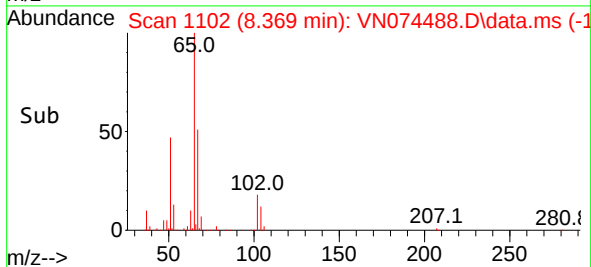
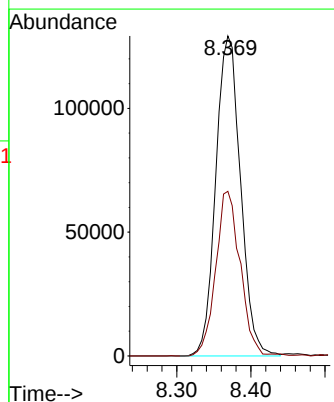
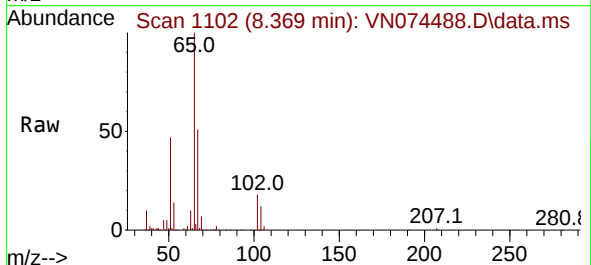
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-1

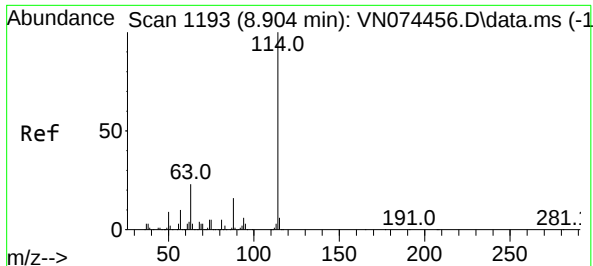
Tgt Ion: 43 Resp: 35998
Ion Ratio Lower Upper
43 100
72 23.3 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 44.532 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074488.D
Acq: 16 Sep 2022 02:52

Tgt Ion: 65 Resp: 299471
Ion Ratio Lower Upper
65 100
67 50.6 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: VN074488.D

Acq: 16 Sep 2022 02:52

Instrument :

MSVOA_N

ClientSampleId :

WC-17-4-1

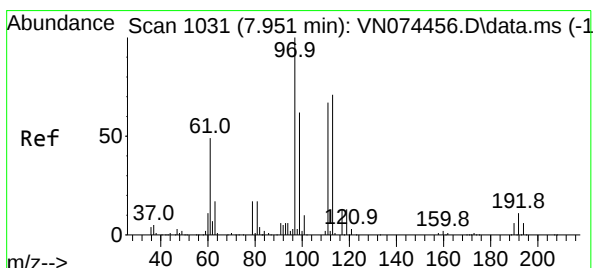
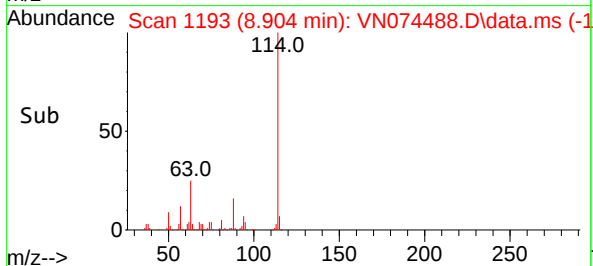
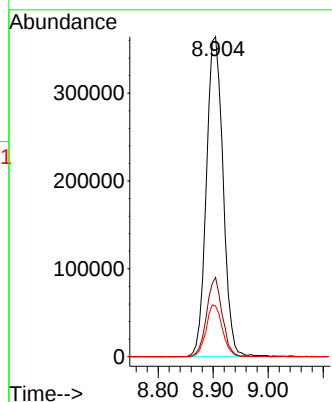
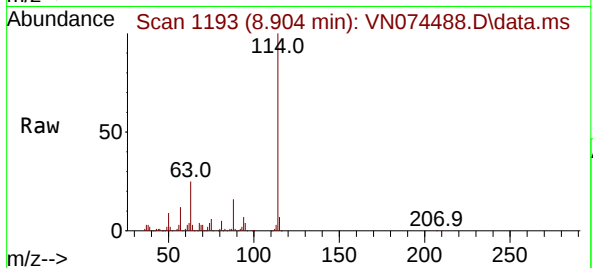
Tgt Ion:114 Resp: 768914

Ion Ratio Lower Upper

114 100

63 24.7 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.603 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074488.D

Acq: 16 Sep 2022 02:52

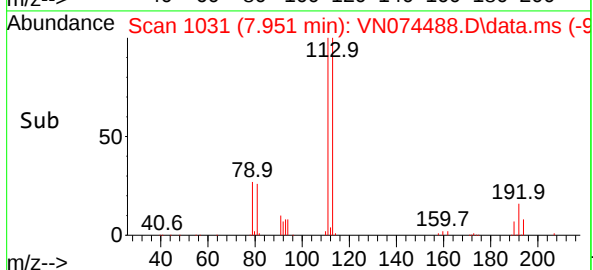
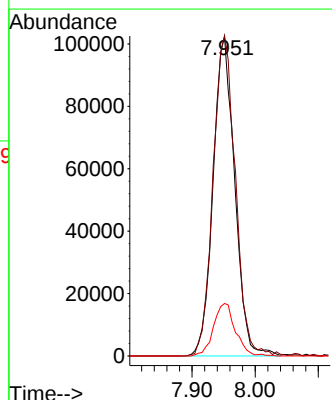
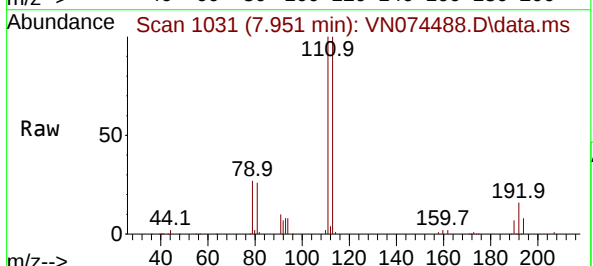
Tgt Ion:113 Resp: 243147

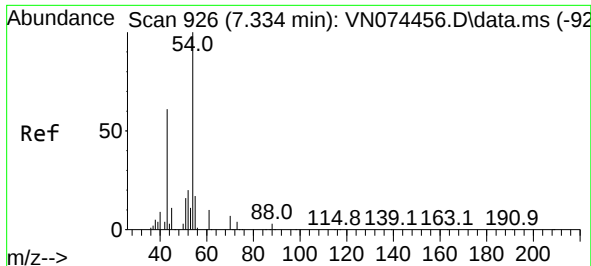
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 16.6 17.0 25.6#

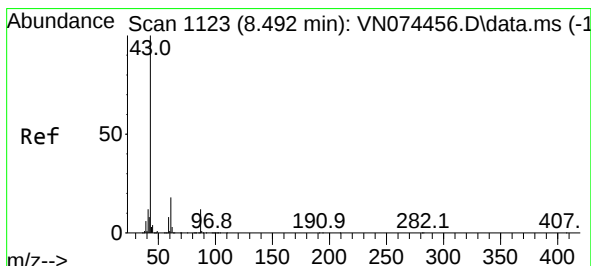
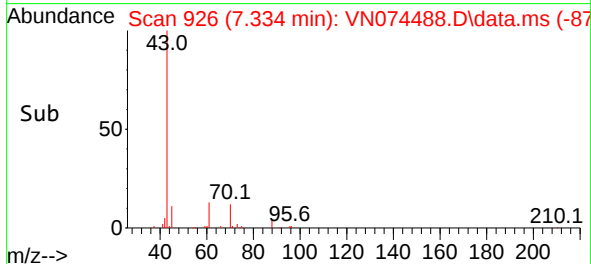
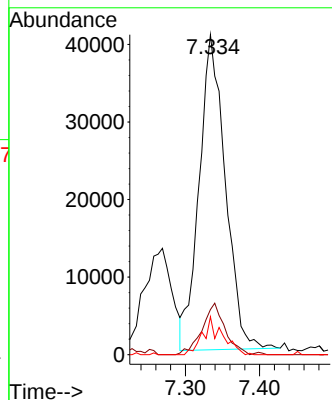
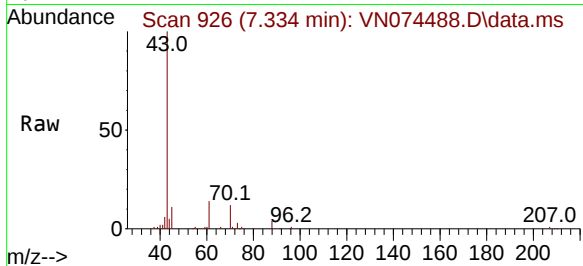




#37
Ethyl Acetate
Concen: 7.155 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074488.D
Acq: 16 Sep 2022 02:52

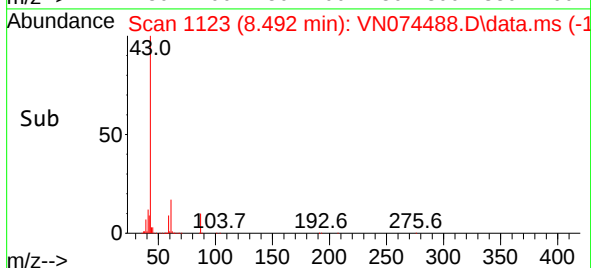
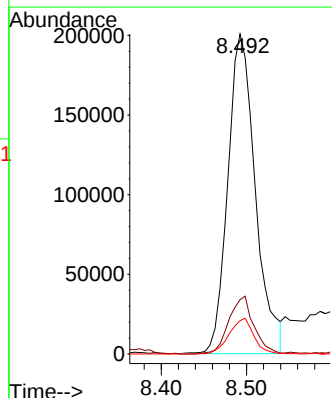
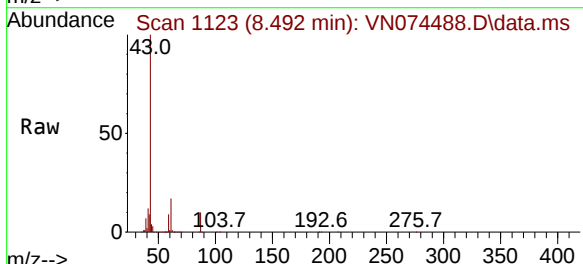
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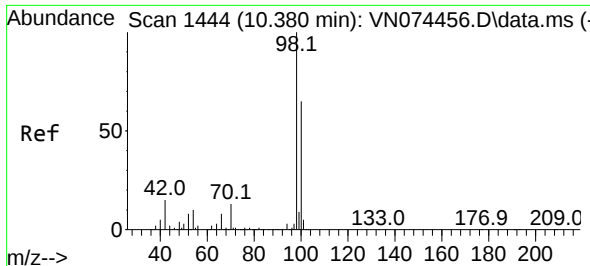
Tgt Ion: 43 Resp: 99895
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.6
70 8.9 9.3 13.9#



#43
Isopropyl Acetate
Concen: 20.626 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074488.D
Acq: 16 Sep 2022 02:52

Tgt Ion: 43 Resp: 451089
Ion Ratio Lower Upper
43 100
61 16.4 21.9 32.9#
87 10.0 12.0 18.0#

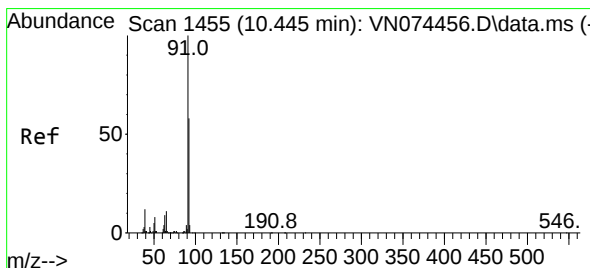
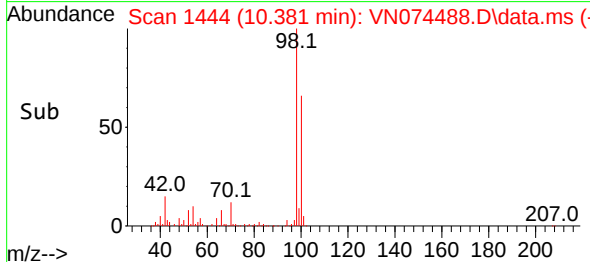
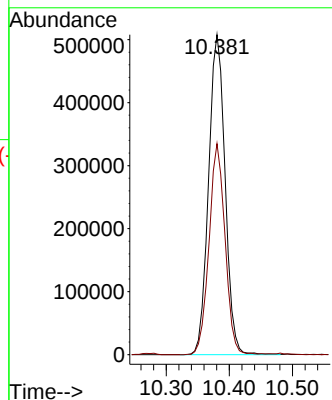
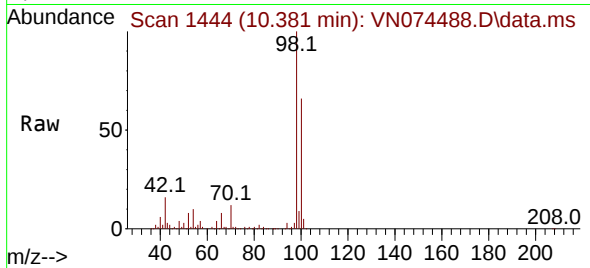




#50
Toluene-d8
Concen: 46.719 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074488.D
Acq: 16 Sep 2022 02:52

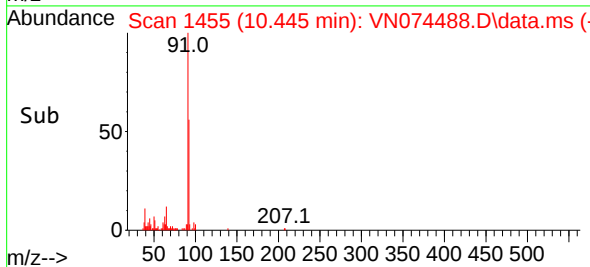
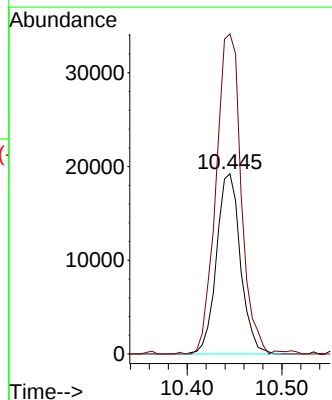
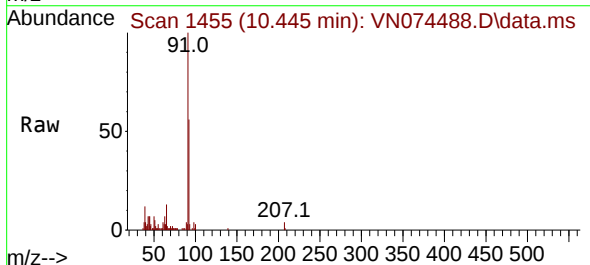
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WC-17-4-1

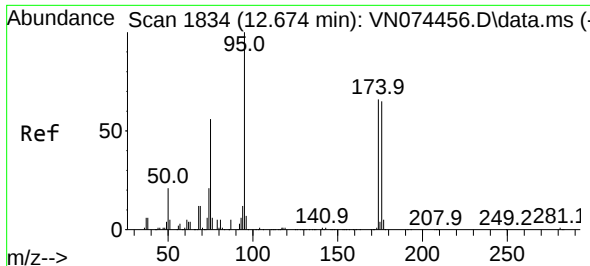
Tgt Ion: 98 Resp: 922862
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#52
Toluene
Concen: 2.061 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074488.D
Acq: 16 Sep 2022 02:52

Tgt Ion: 92 Resp: 33781
Ion Ratio Lower Upper
92 100
91 187.2 138.6 207.8

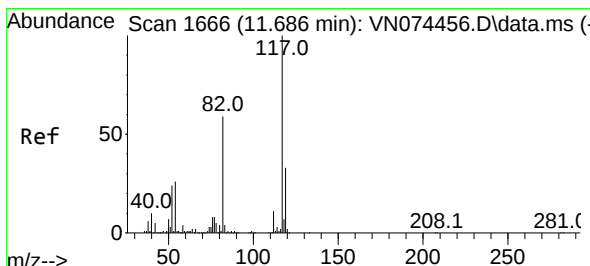
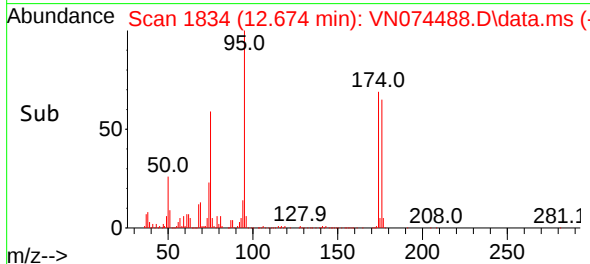
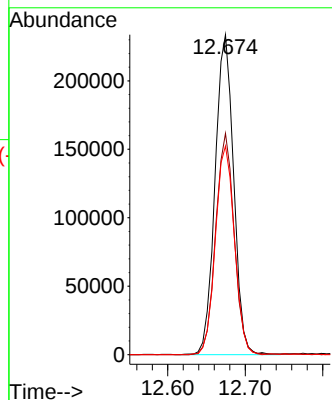
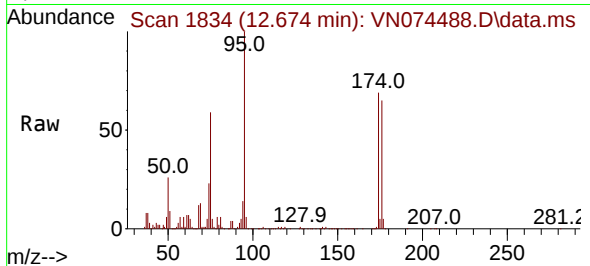




#62
4-Bromofluorobenzene
Concen: 57.621 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074488.D
Acq: 16 Sep 2022 02:52

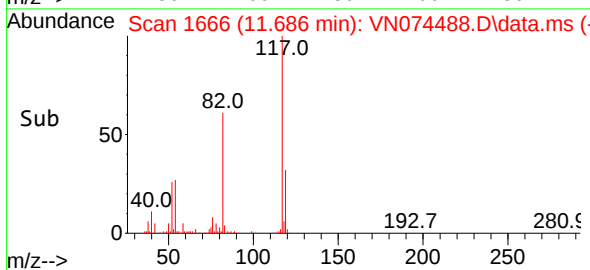
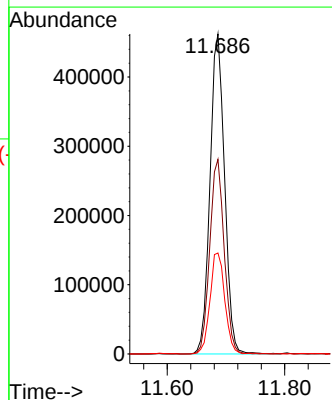
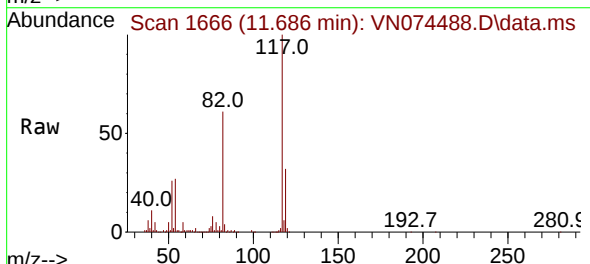
Instrument :
MSVOA_N
ClientSampleId :
WC-17-4-1

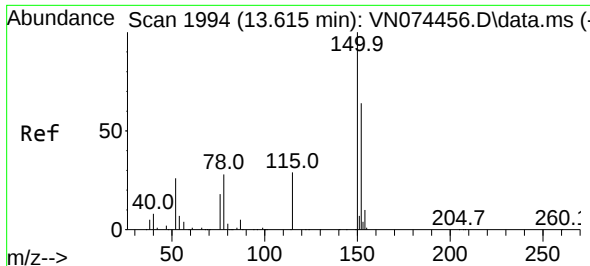
Tgt Ion: 95 Resp: 389835
Ion Ratio Lower Upper
95 100
174 69.0 0.0 167.6
176 66.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074488.D
Acq: 16 Sep 2022 02:52

Tgt Ion: 117 Resp: 795698
Ion Ratio Lower Upper
117 100
82 60.8 44.2 66.2
119 31.6 25.4 38.0

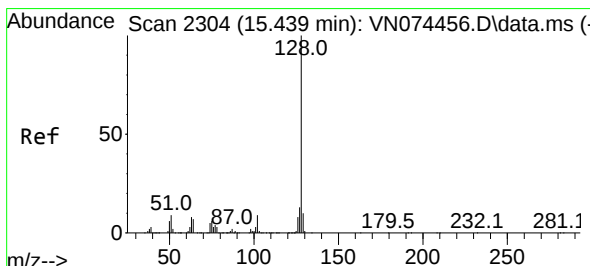
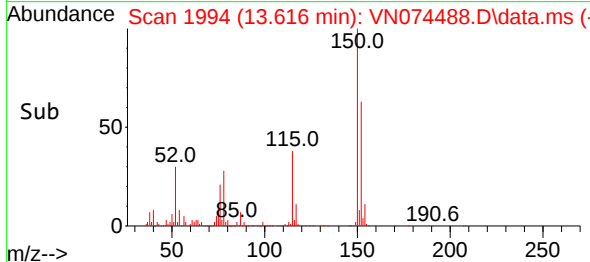
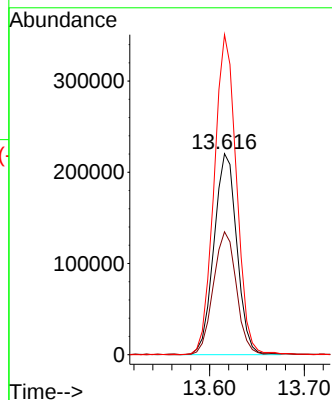
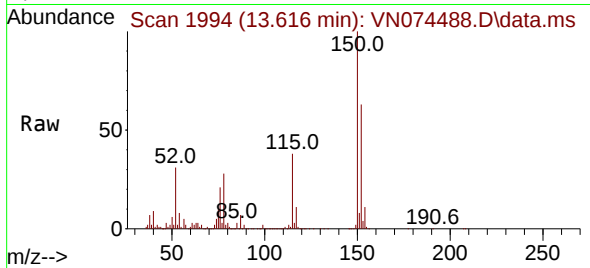




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074488.D
 Acq: 16 Sep 2022 02:52

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-17-4-1

Tgt Ion:152 Resp: 371225
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.9 86.7
 150 155.3 0.0 356.2



#95
 Naphthalene
 Concen: 3.021 ug/l
 RT: 15.445 min Scan# 2305
 Delta R.T. 0.006 min
 Lab File: VN074488.D
 Acq: 16 Sep 2022 02:52

Tgt Ion:128 Resp: 46988
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.3 15.5
 129 9.6 8.6 13.0

