

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073328.D
 Acq On : 05 Jul 2022 20:28
 Operator : JC\MD
 Sample : N3564-25
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-16-2-5-GR

Quant Time: Jul 06 01:17:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

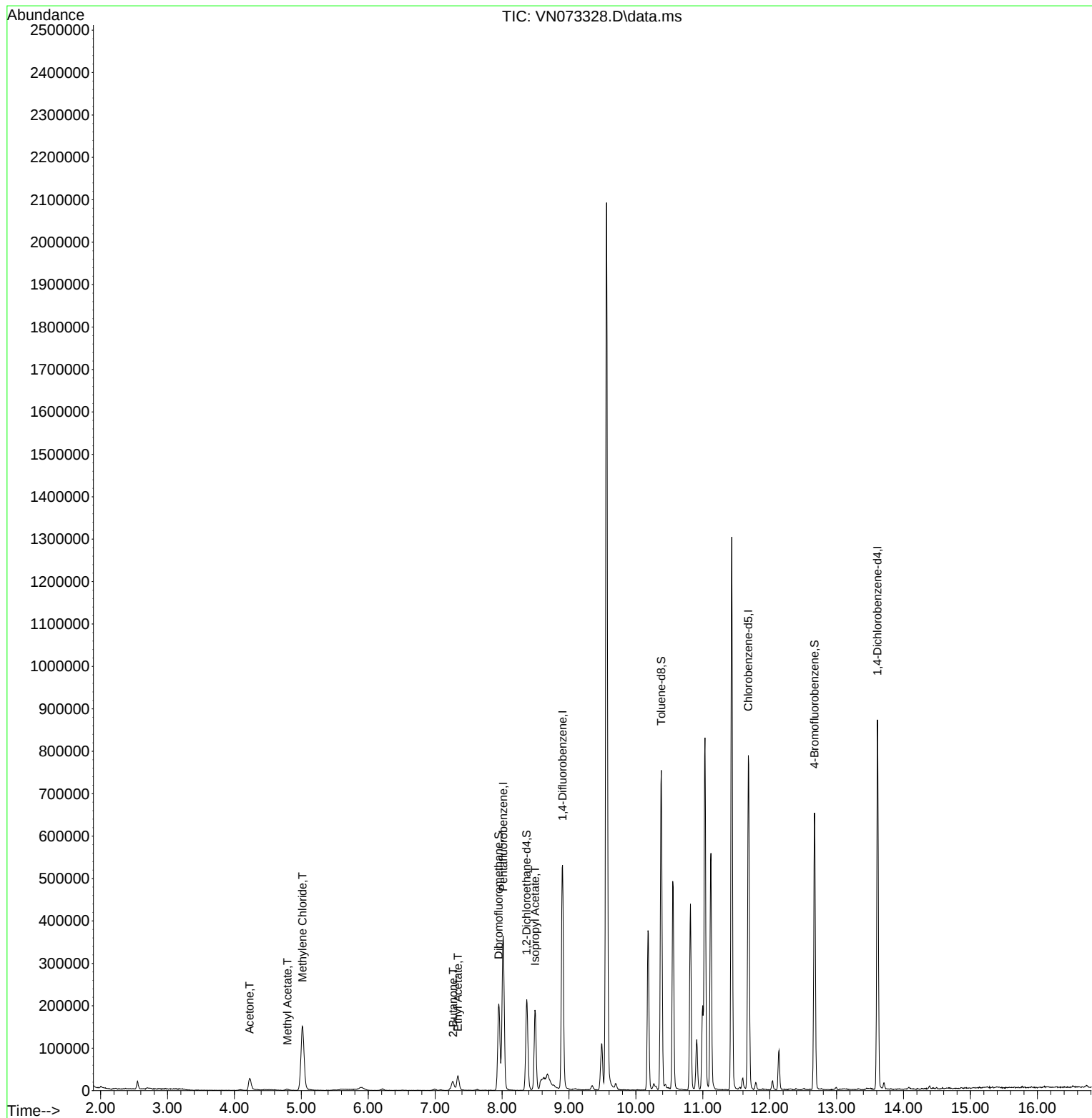
Internal Standards						
1) Pentafluorobenzene	8.016	168	277360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	478559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	449355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	227650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	177920	44.436	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.880%		
35) Dibromofluoromethane	7.951	113	152775	47.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.960%		
50) Toluene-d8	10.380	98	508650	44.981	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.960%		
62) 4-Bromofluorobenzene	12.668	95	226766	52.182	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.360%		
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	55665	24.767	ug/l	94
18) Methyl Acetate	4.793	43	6637	1.054	ug/l #	81
20) Methylene Chloride	5.016	84	122266	30.955	ug/l	89
25) 2-Butanone	7.269	43	34343	9.598	ug/l	90
37) Ethyl Acetate	7.339	43	58525	7.906	ug/l	96
43) Isopropyl Acetate	8.492	43	222360	20.901	ug/l #	88

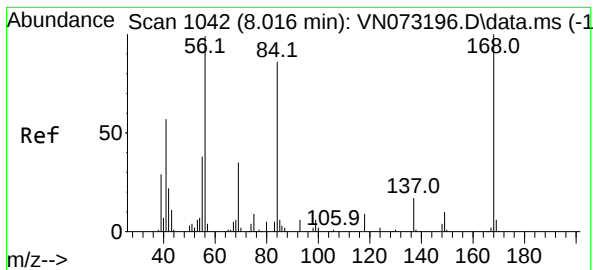
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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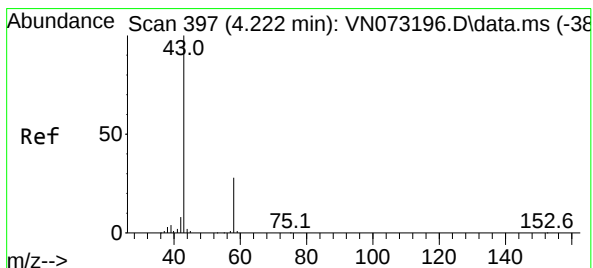
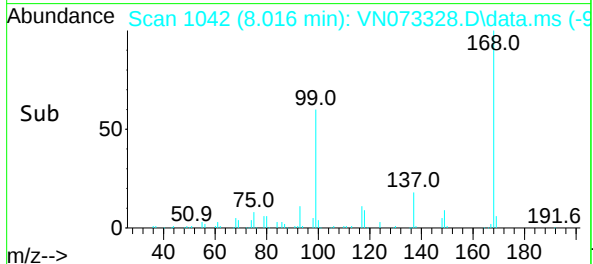
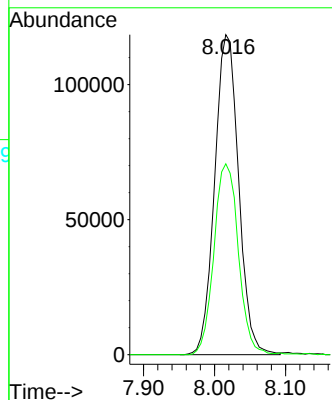
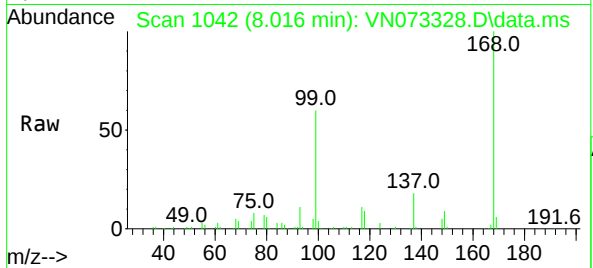




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073328.D
Acq: 05 Jul 2022 20:28

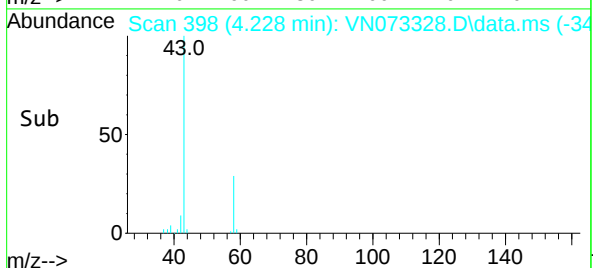
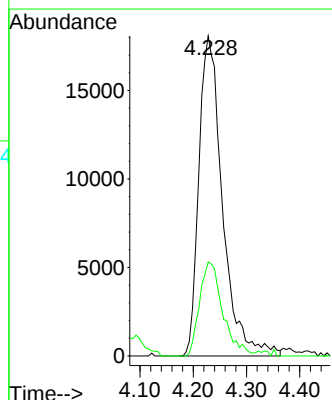
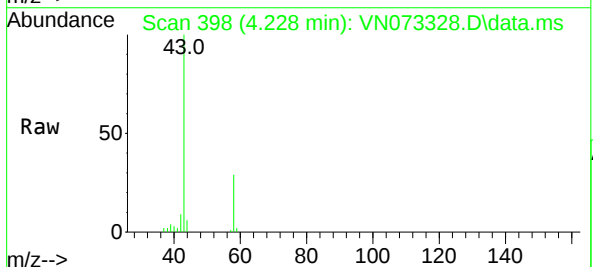
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-5-GR

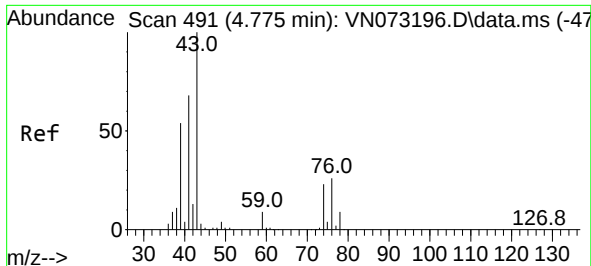
Tgt Ion:168 Resp: 277360
Ion Ratio Lower Upper
168 100
99 59.6 42.3 63.5



#16
Acetone
Concen: 24.767 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073328.D
Acq: 05 Jul 2022 20:28

Tgt Ion: 43 Resp: 55665
Ion Ratio Lower Upper
43 100
58 29.4 26.0 39.0

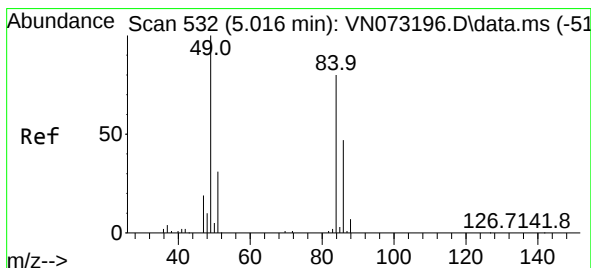
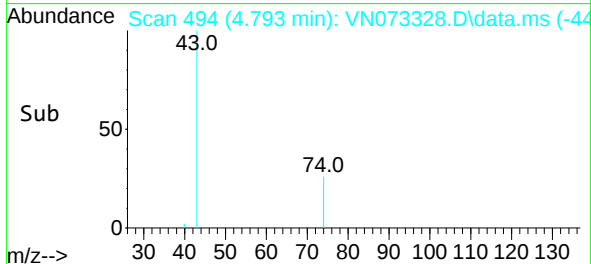
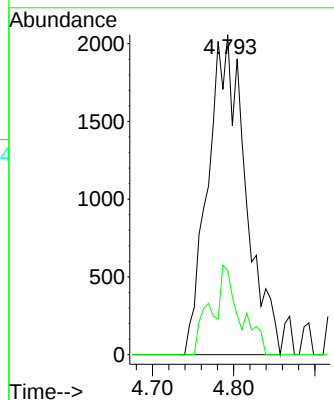
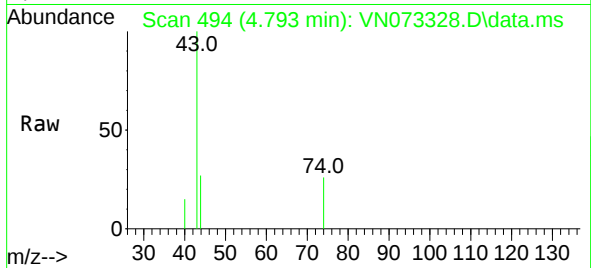




#18
Methyl Acetate
Concen: 1.054 ug/l
RT: 4.793 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN073328.D
Acq: 05 Jul 2022 20:28

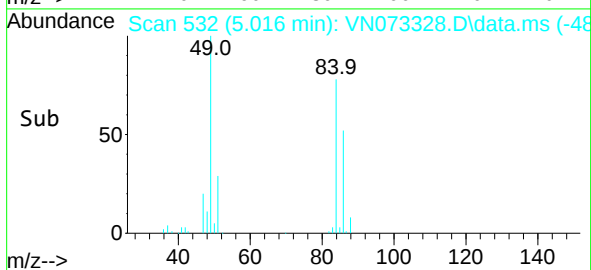
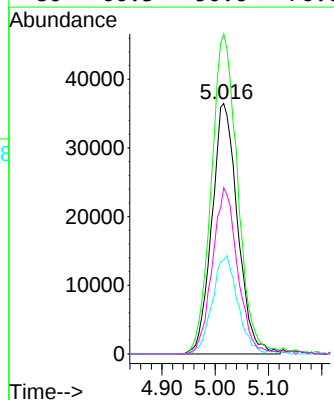
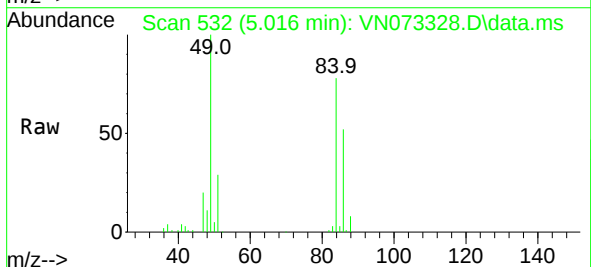
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-5-GR

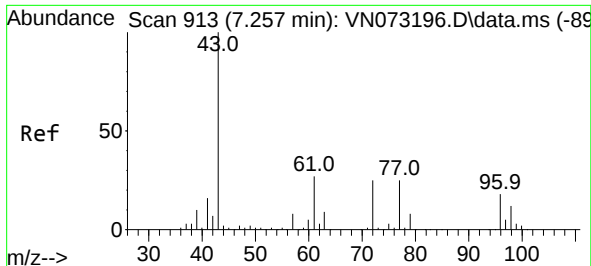
Tgt Ion: 43 Resp: 6637
Ion Ratio Lower Upper
43 100
74 17.1 21.6 32.4#



#20
Methylene Chloride
Concen: 30.955 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073328.D
Acq: 05 Jul 2022 20:28

Tgt Ion: 84 Resp: 122266
Ion Ratio Lower Upper
84 100
49 127.8 88.3 132.5
51 37.5 28.2 42.2
86 66.3 50.6 76.0





#25

2-Butanone

Concen: 9.598 ug/l

RT: 7.269 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN073328.D

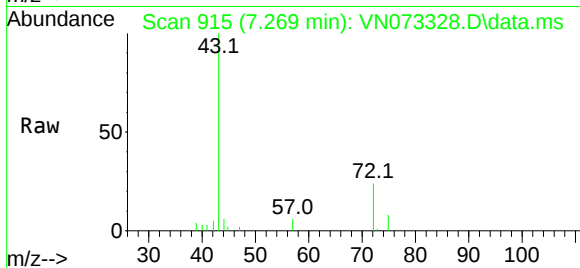
Acq: 05 Jul 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

WC-16-2-5-GR

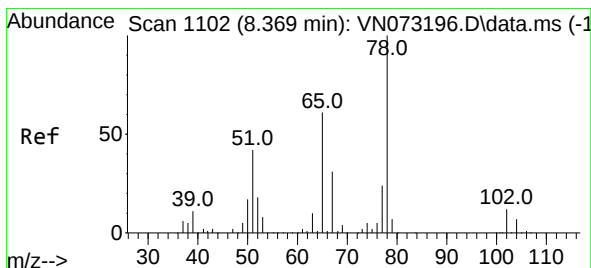
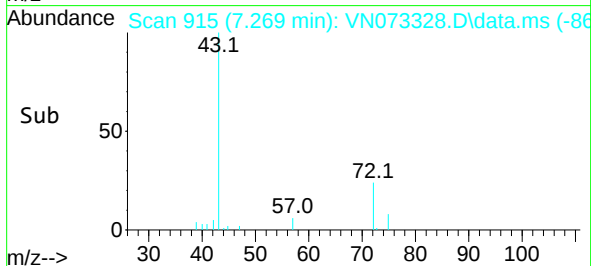
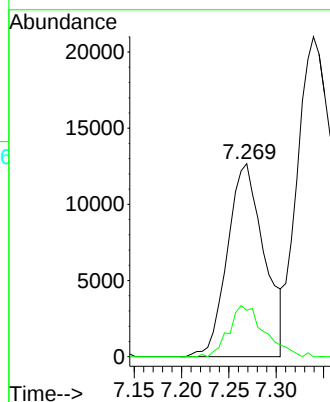


Tgt Ion: 43 Resp: 34343

Ion Ratio Lower Upper

43 100

72 24.1 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 44.436 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073328.D

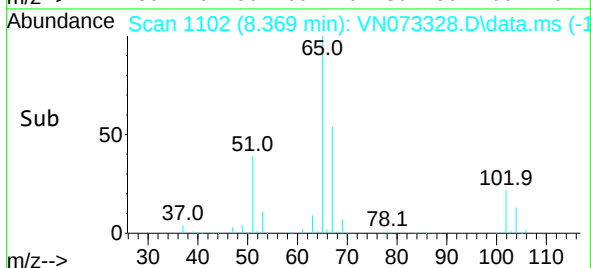
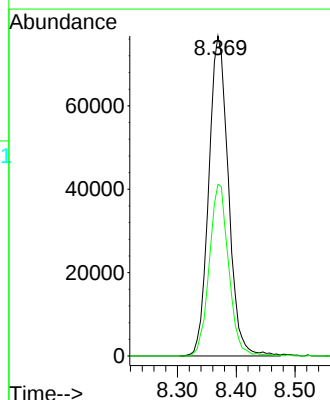
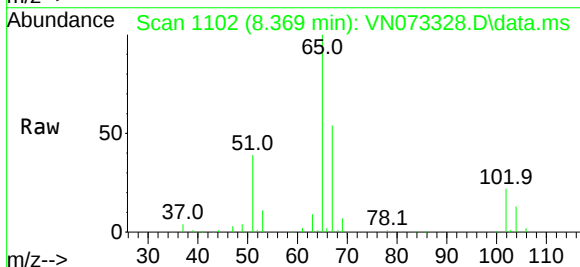
Acq: 05 Jul 2022 20:28

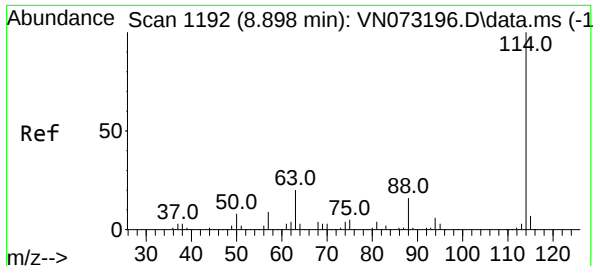
Tgt Ion: 65 Resp: 177920

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073328.D

Acq: 05 Jul 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

WC-16-2-5-GR

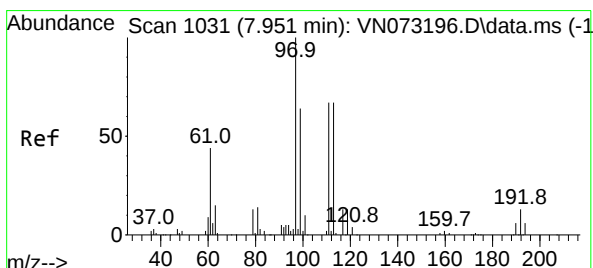
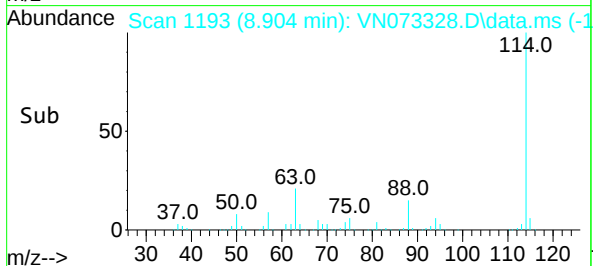
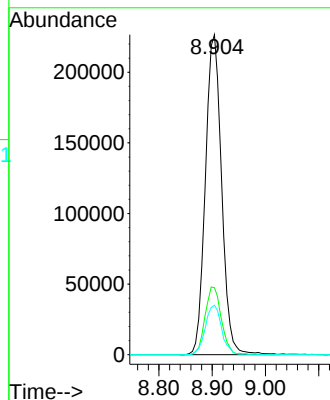
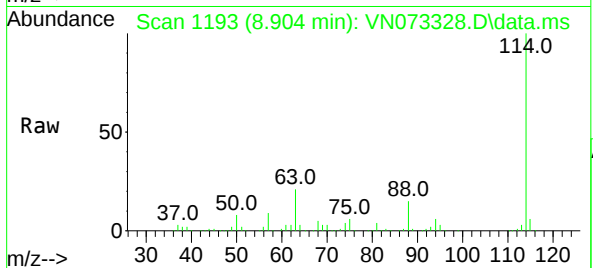
Tgt Ion:114 Resp: 478559

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.983 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073328.D

Acq: 05 Jul 2022 20:28

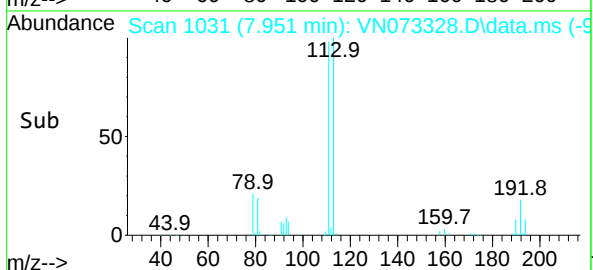
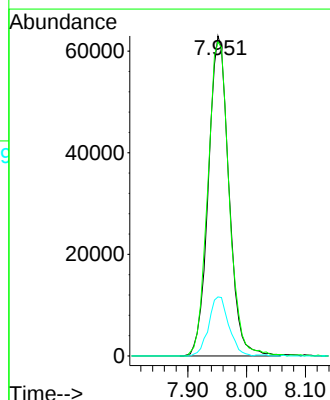
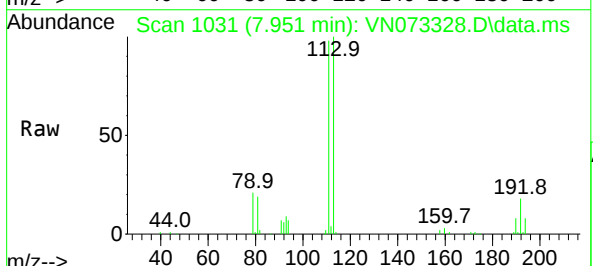
Tgt Ion:113 Resp: 152775

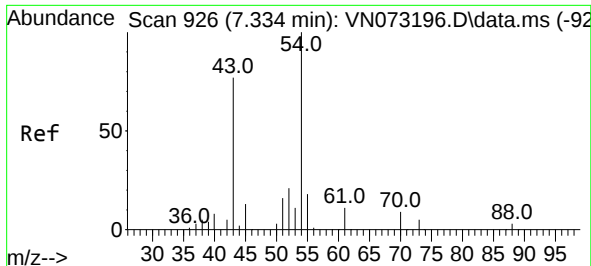
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 18.1 17.0 25.6

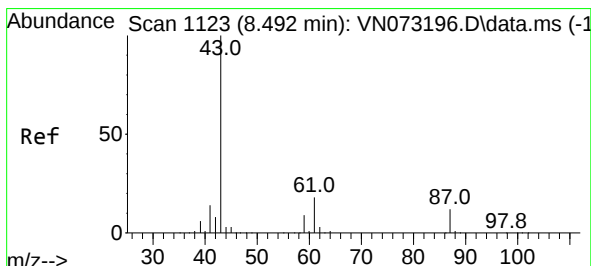
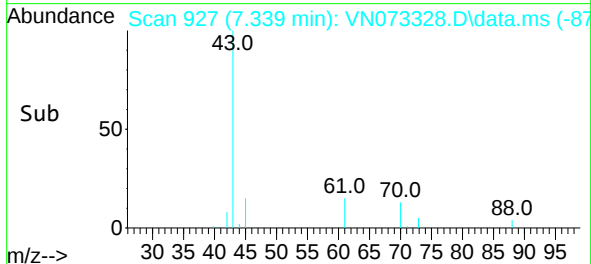
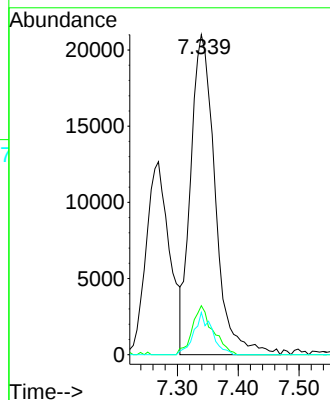
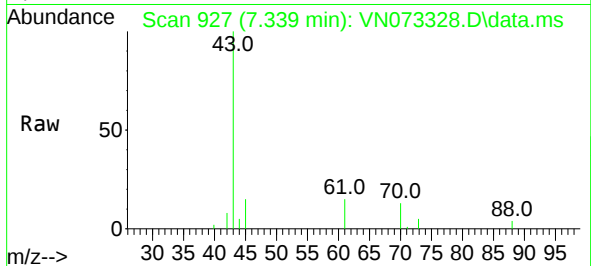




#37
Ethyl Acetate
Concen: 7.906 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN073328.D
Acq: 05 Jul 2022 20:28

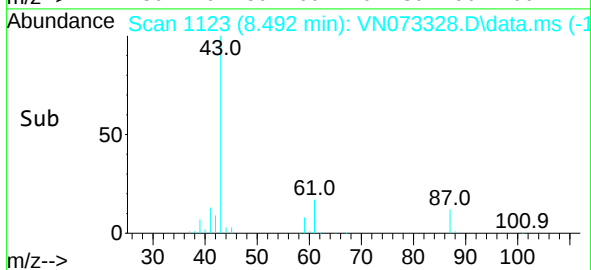
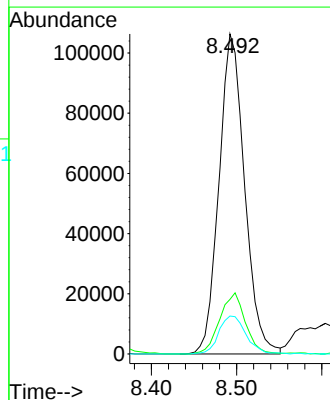
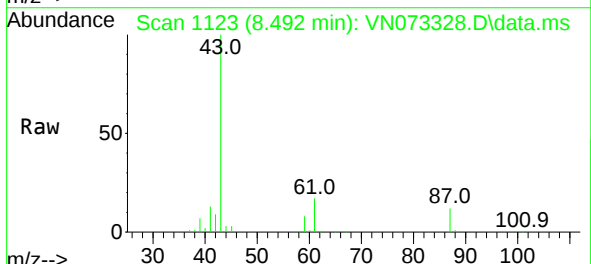
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ClientSampleId :
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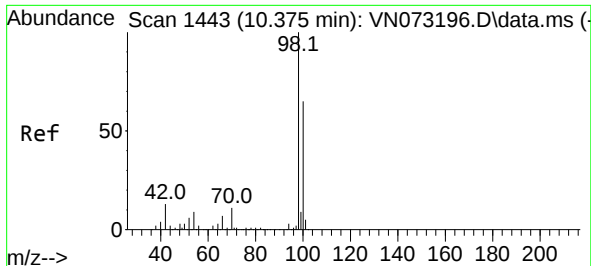
Tgt Ion: 43 Resp: 58525
Ion Ratio Lower Upper
43 100
61 12.9 11.8 17.6
70 9.8 9.3 13.9



#43
Isopropyl Acetate
Concen: 20.901 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073328.D
Acq: 05 Jul 2022 20:28

Tgt Ion: 43 Resp: 222360
Ion Ratio Lower Upper
43 100
61 19.2 21.9 32.9#
87 12.6 12.0 18.0

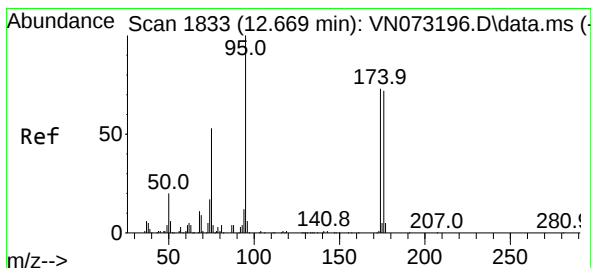
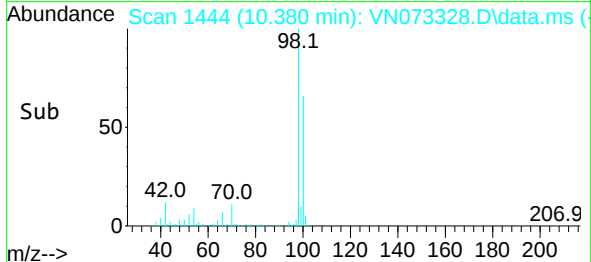
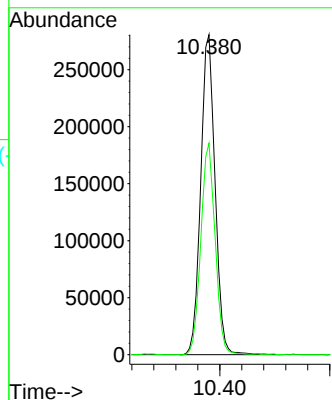
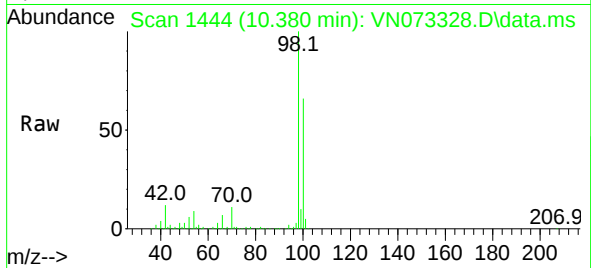




#50
Toluene-d8
Concen: 44.981 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073328.D
Acq: 05 Jul 2022 20:28

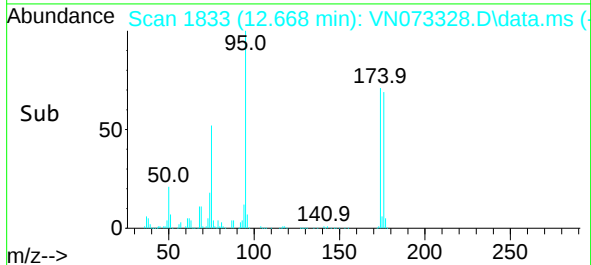
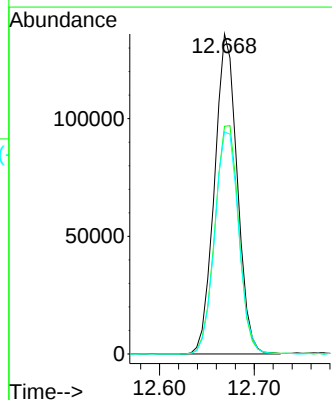
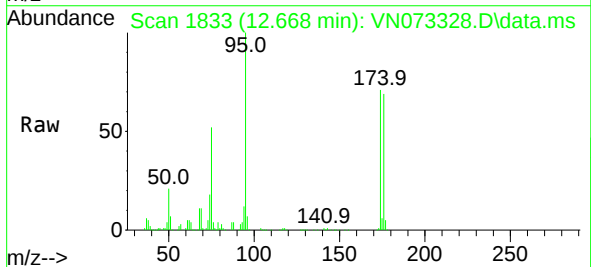
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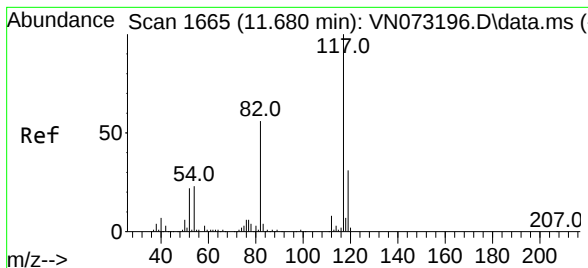
Tgt Ion: 98 Resp: 508650
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.182 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073328.D
Acq: 05 Jul 2022 20:28

Tgt Ion: 95 Resp: 226766
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 73.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073328.D

Acq: 05 Jul 2022 20:28

Instrument :

MSVOA_N

ClientSampleId :

WC-16-2-5-GR

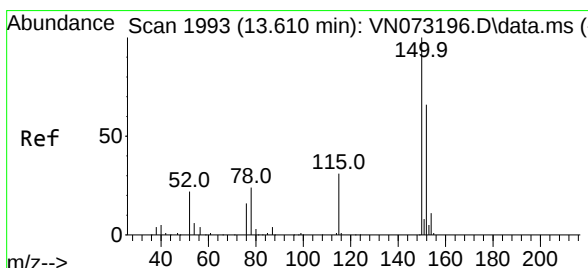
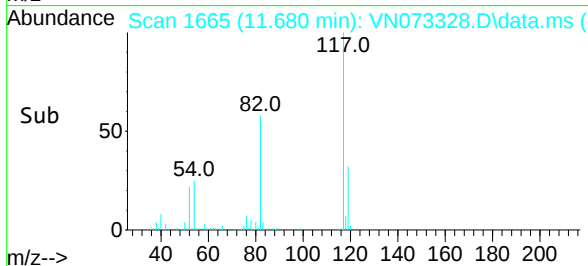
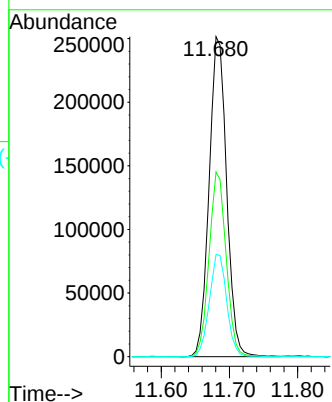
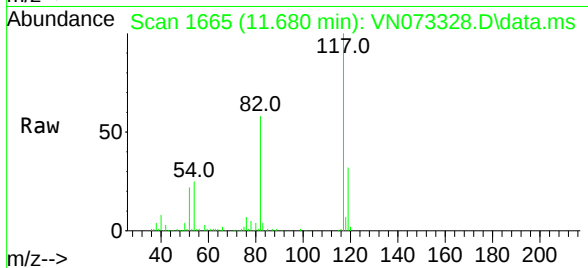
Tgt Ion:117 Resp: 449355

Ion Ratio Lower Upper

117 100

82 57.7 44.2 66.2

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073328.D

Acq: 05 Jul 2022 20:28

Tgt Ion:152 Resp: 227650

Ion Ratio Lower Upper

152 100

115 60.9 28.9 86.7

150 156.8 0.0 356.2

