

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074239.D
 Acq On : 01 Sep 2022 13:52
 Operator : JC\MD
 Sample : N4421-11
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-03

Quant Time: Sep 01 16:15:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

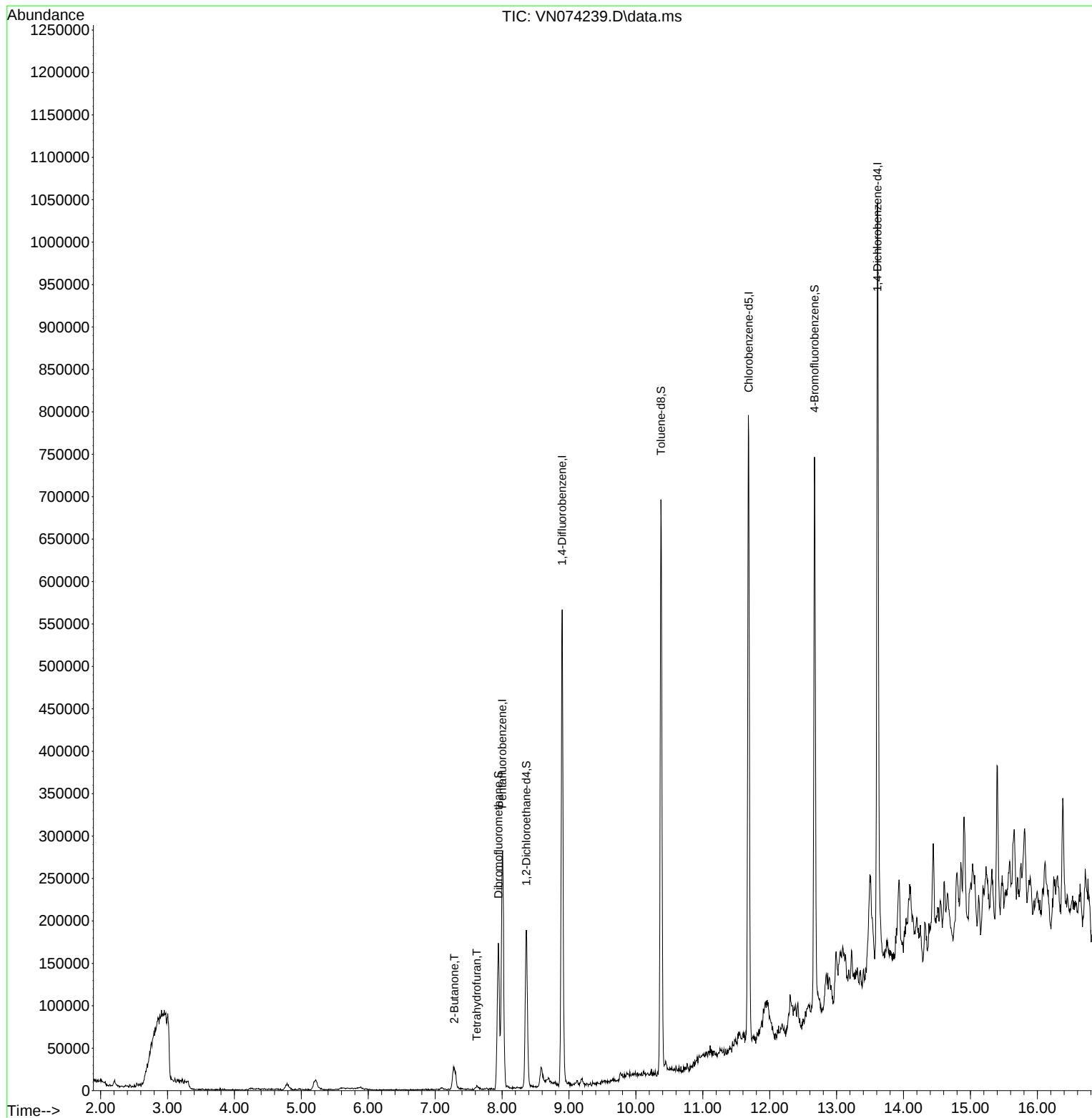
Internal Standards						
1) Pentafluorobenzene	8.004	168	212921	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	435532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	398149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	210665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	144165	43.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.300%
35) Dibromofluoromethane	7.945	113	118608	41.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.700%
50) Toluene-d8	10.375	98	448496	40.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	80.360%#
62) 4-Bromofluorobenzene	12.668	95	193070	56.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.760%
Target Compounds						Qvalue
25) 2-Butanone	7.286	43	42467	12.028	ug/l #	77
29) Tetrahydrofuran	7.622	42	2543	1.131	ug/l	96

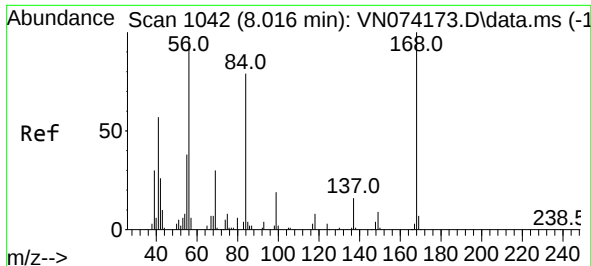
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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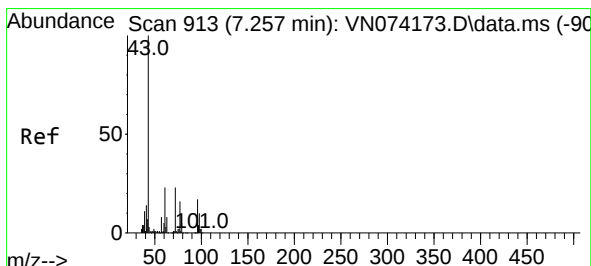
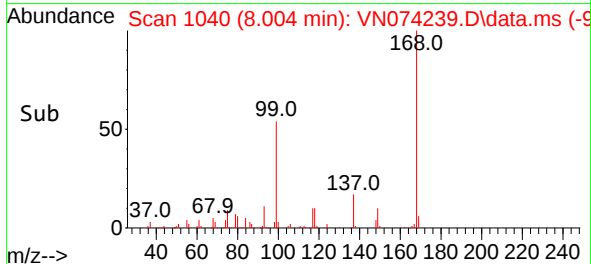
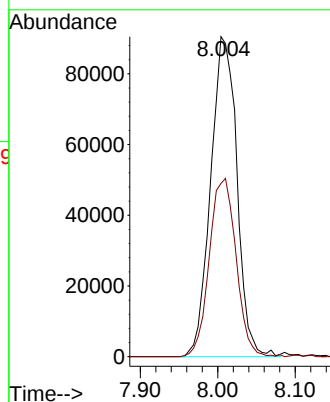
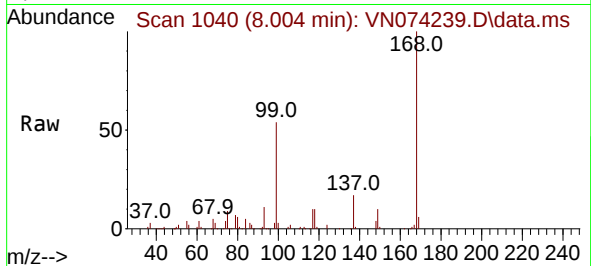




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN074239.D
Acq: 01 Sep 2022 13:52

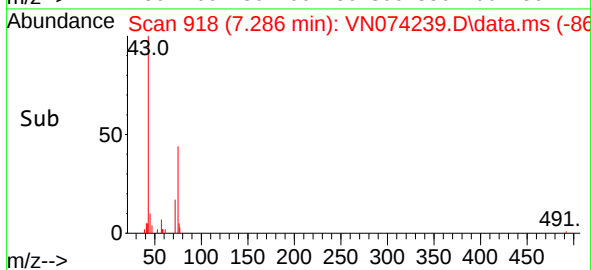
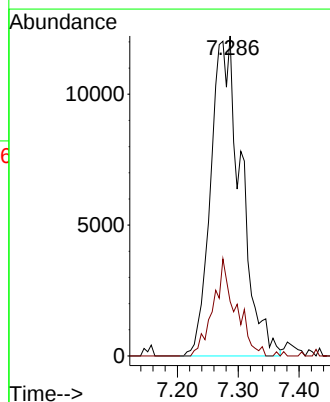
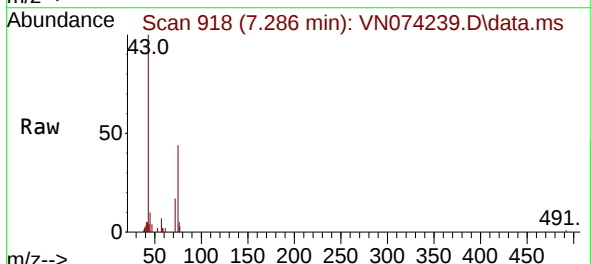
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-03

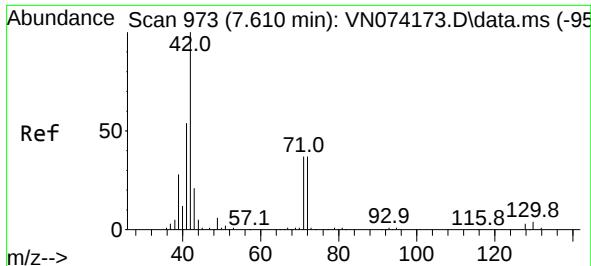
Tgt Ion:168 Resp: 212921
Ion Ratio Lower Upper
168 100
99 54.2 42.3 63.5



#25
2-Butanone
Concen: 12.028 ug/l
RT: 7.286 min Scan# 918
Delta R.T. 0.029 min
Lab File: VN074239.D
Acq: 01 Sep 2022 13:52

Tgt Ion: 43 Resp: 42467
Ion Ratio Lower Upper
43 100
72 17.1 23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.131 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074239.D

Acq: 01 Sep 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-03

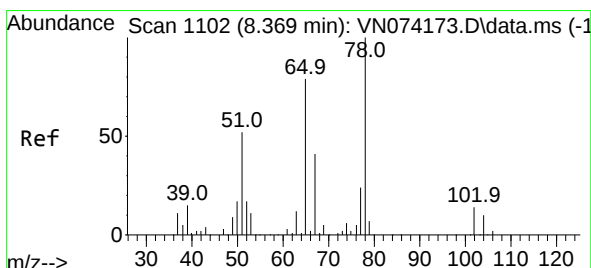
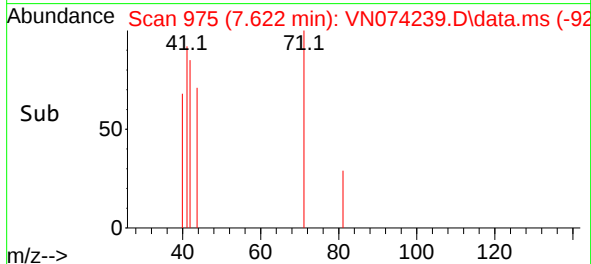
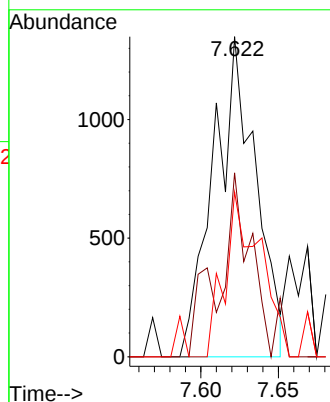
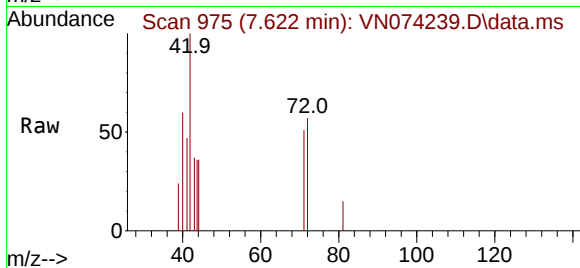
Tgt Ion: 42 Resp: 2543

Ion Ratio Lower Upper

42 100

72 46.9 39.7 59.5

71 43.3 36.6 55.0



#33

1,2-Dichloroethane-d4

Concen: 43.648 ug/l

RT: 8.363 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VN074239.D

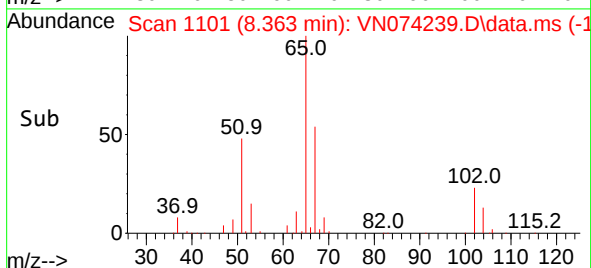
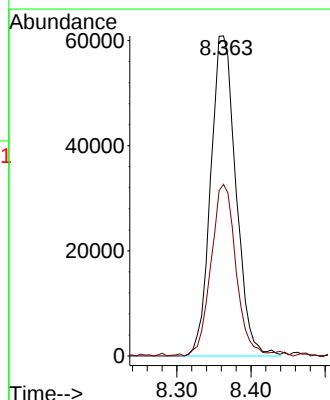
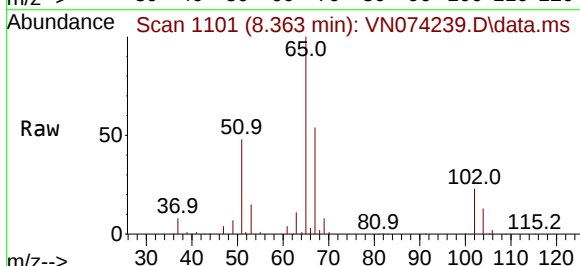
Acq: 01 Sep 2022 13:52

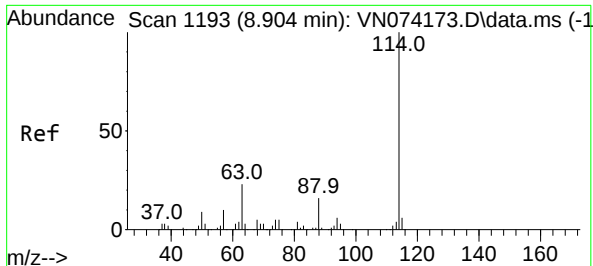
Tgt Ion: 65 Resp: 144165

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VN074239.D

Acq: 01 Sep 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-03

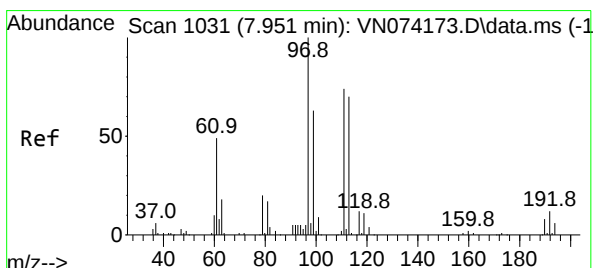
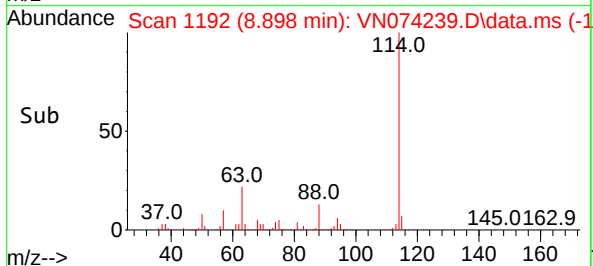
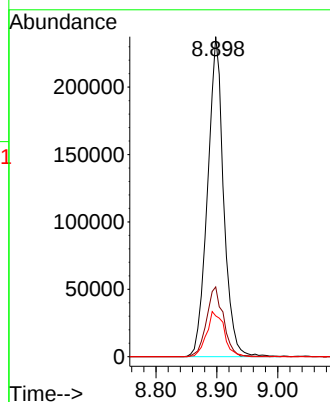
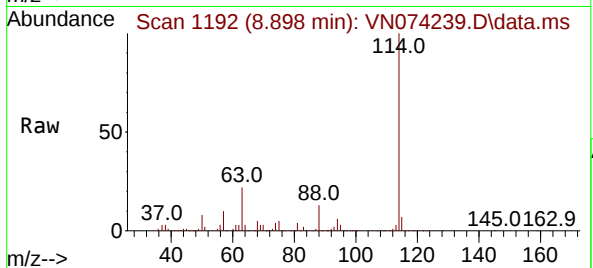
Tgt Ion:114 Resp: 435532

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 12.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 41.850 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074239.D

Acq: 01 Sep 2022 13:52

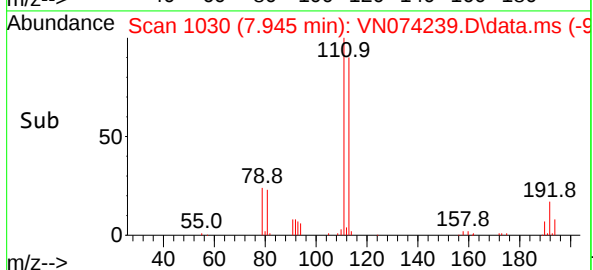
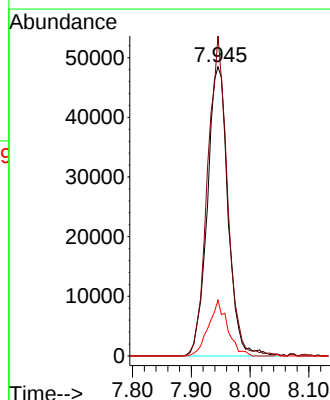
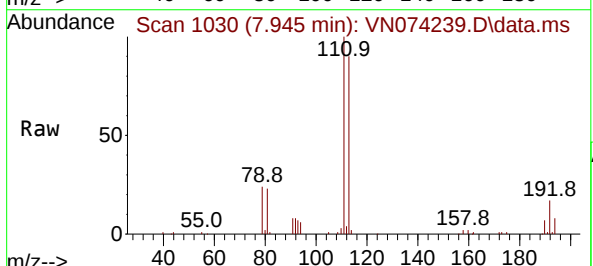
Tgt Ion:113 Resp: 118608

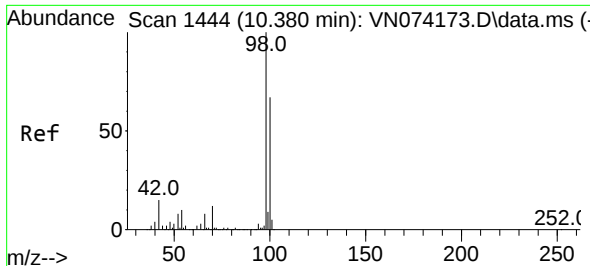
Ion Ratio Lower Upper

113 100

111 106.1 81.4 122.0

192 17.8 17.0 25.6

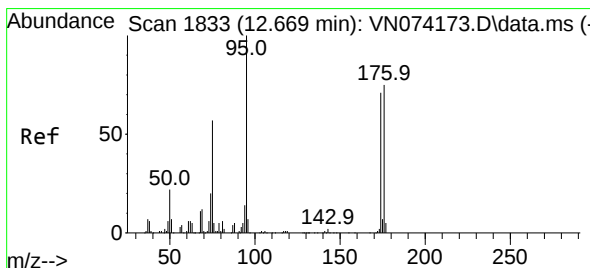
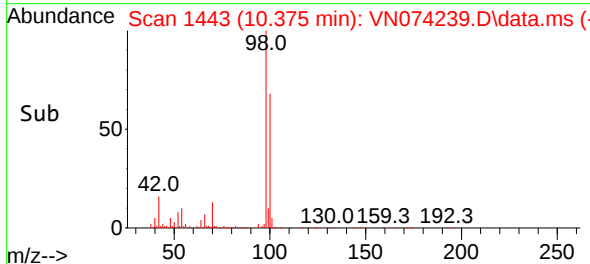
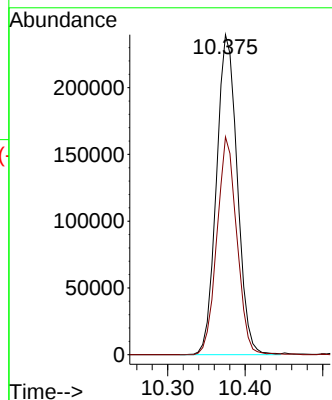
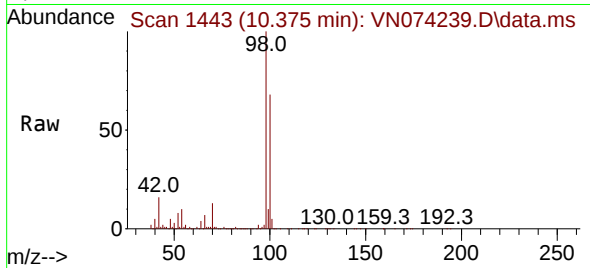




#50
Toluene-d8
Concen: 40.184 ug/l
RT: 10.375 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN074239.D
Acq: 01 Sep 2022 13:52

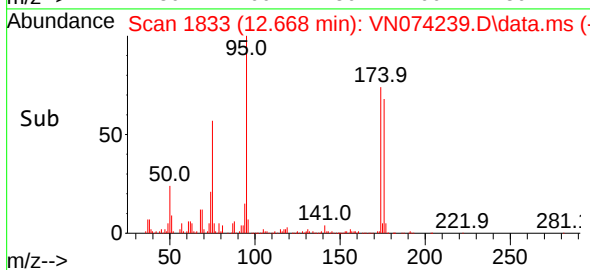
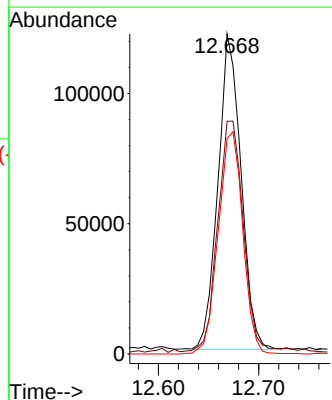
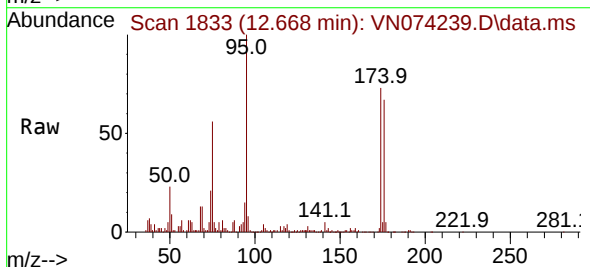
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ClientSampleId :
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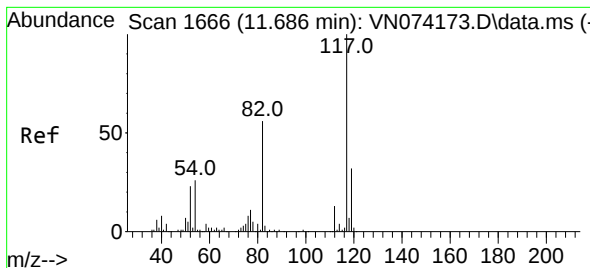
Tgt Ion: 98 Resp: 448496
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.884 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074239.D
Acq: 01 Sep 2022 13:52

Tgt Ion: 95 Resp: 193070
Ion Ratio Lower Upper
95 100
174 83.5 0.0 167.6
176 75.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074239.D

Acq: 01 Sep 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-03

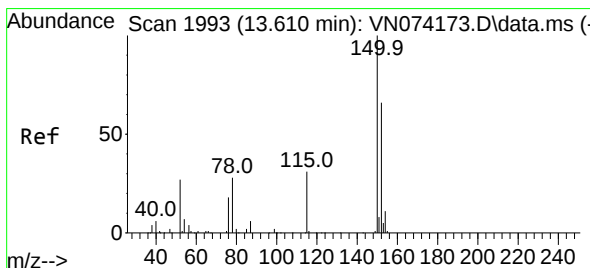
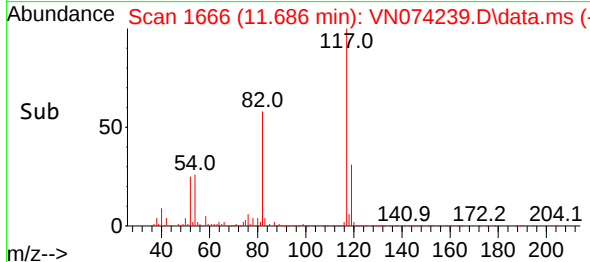
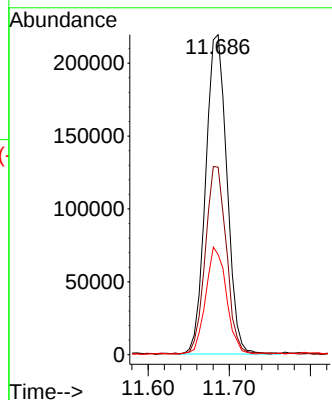
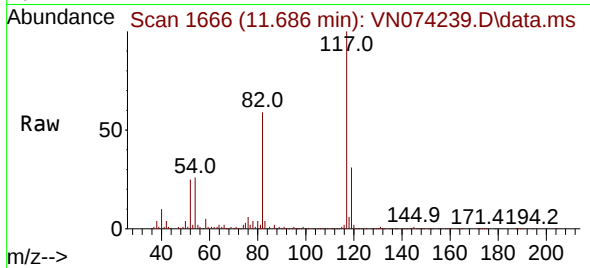
Tgt Ion:117 Resp: 398149

Ion Ratio Lower Upper

117 100

82 58.4 44.2 66.2

119 31.1 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: VN074239.D

Acq: 01 Sep 2022 13:52

Tgt Ion:152 Resp: 210665

Ion Ratio Lower Upper

152 100

115 64.5 28.9 86.7

150 155.4 0.0 356.2

