

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074237.D
 Acq On : 01 Sep 2022 13:03
 Operator : JC\MD
 Sample : N4421-01
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-PALM-SP-01

Quant Time: Sep 01 16:15:25 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)

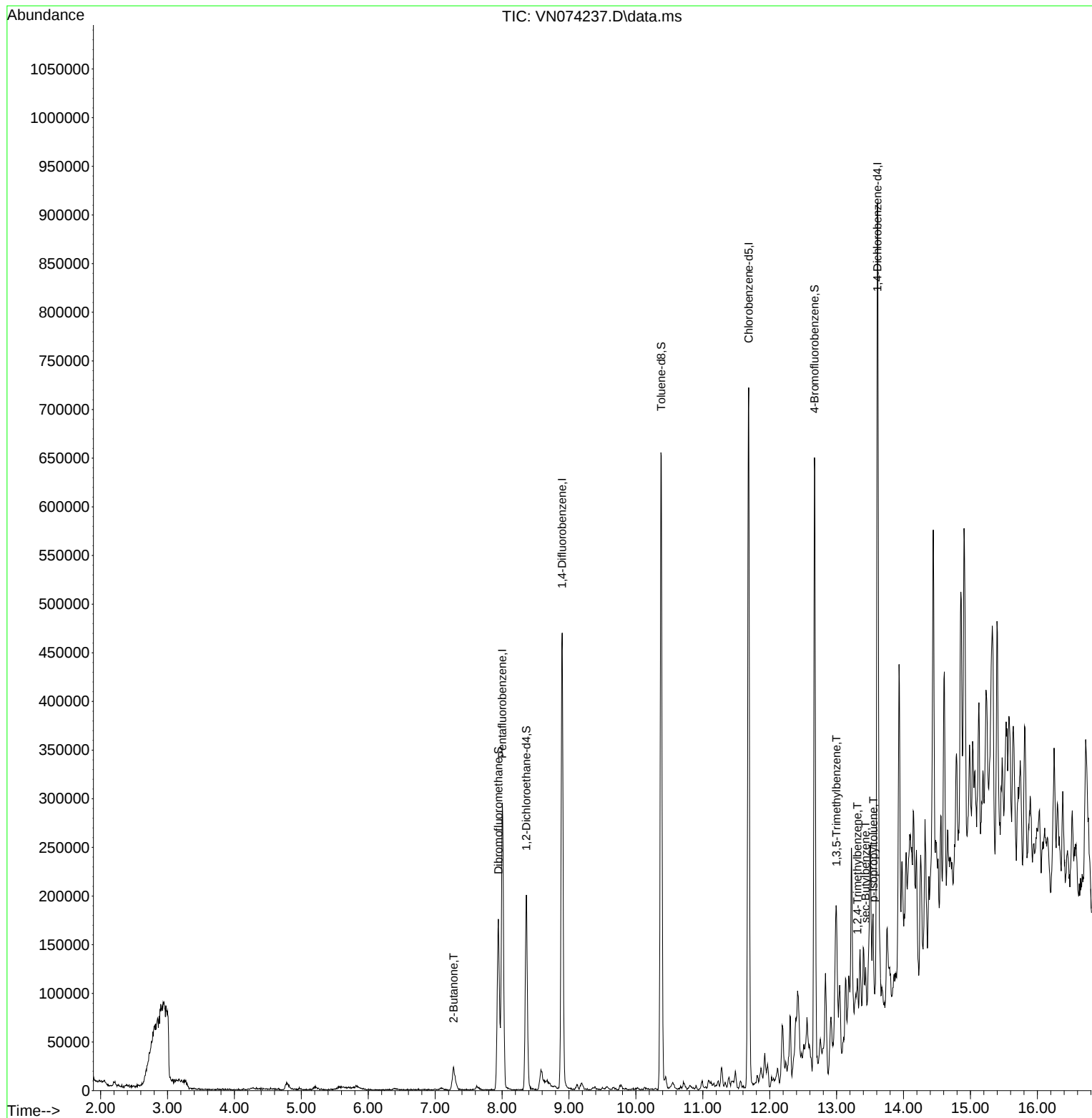
Internal Standards						
1) Pentafluorobenzene	8.004	168	205200	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	386544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	387265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	209328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	147702	46.401	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.800%
35) Dibromofluoromethane	7.945	113	122797	48.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	10.380	98	425600	42.965	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.940%#
62) 4-Bromofluorobenzene	12.668	95	198856	66.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	132.020%#
Target Compounds						
					Qvalue	
25) 2-Butanone	7.275	43	40637	11.943	ug/l	93
80) 1,3,5-Trimethylbenzene	12.998	105	9429	0.647	ug/l	94
84) 1,2,4-Trimethylbenzene	13.310	105	18788	1.335	ug/l	94
85) sec-Butylbenzene	13.433	105	8667	0.495	ug/l	93
86) p-Isopropyltoluene	13.551	119	5998	0.441	ug/l	91

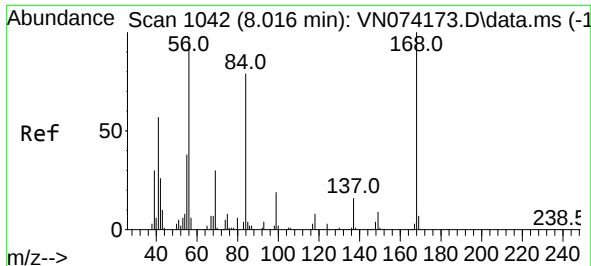
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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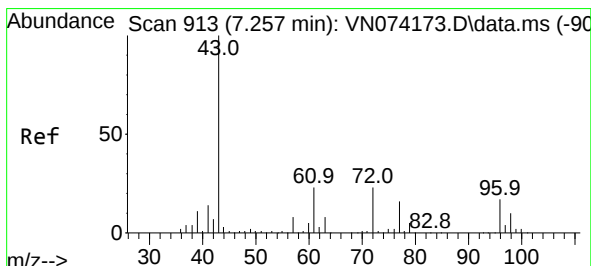
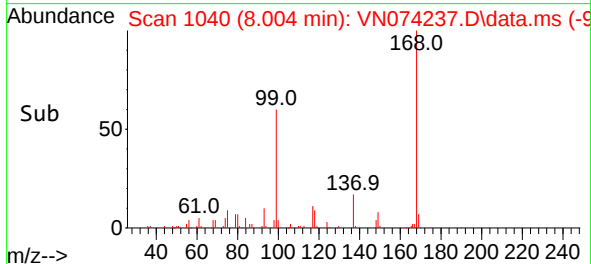
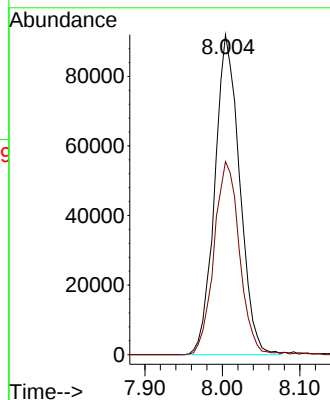
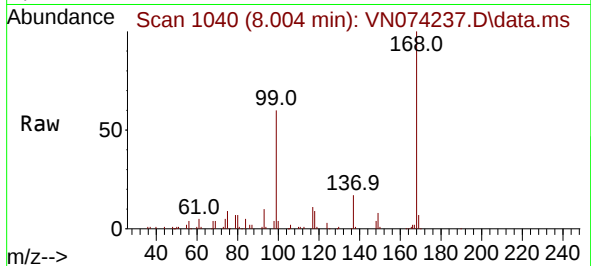




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN074237.D
Acq: 01 Sep 2022 13:03

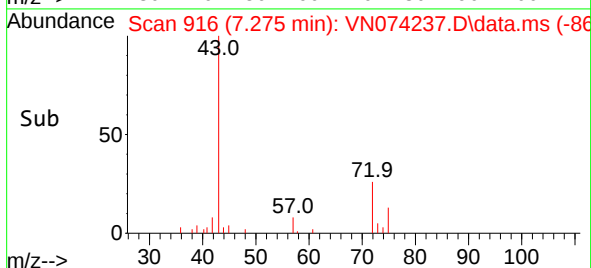
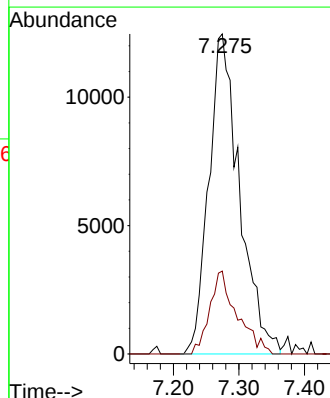
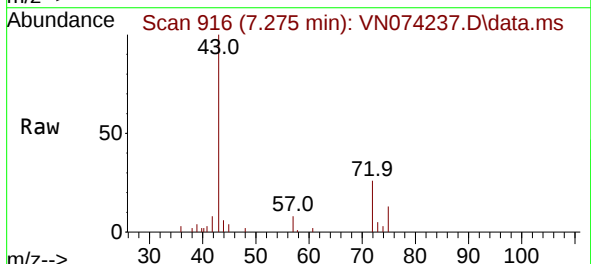
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01

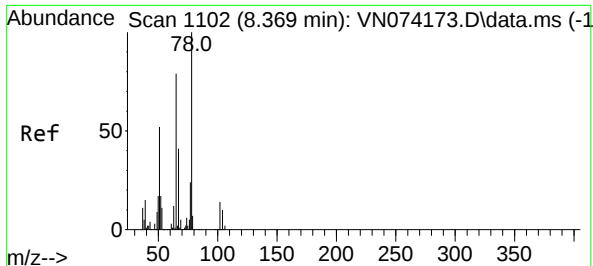
Tgt Ion:168 Resp: 205200
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#25
2-Butanone
Concen: 11.943 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN074237.D
Acq: 01 Sep 2022 13:03

Tgt Ion: 43 Resp: 40637
Ion Ratio Lower Upper
43 100
72 25.9 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 46.401 ug/l

RT: 8.363 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VN074237.D

Acq: 01 Sep 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

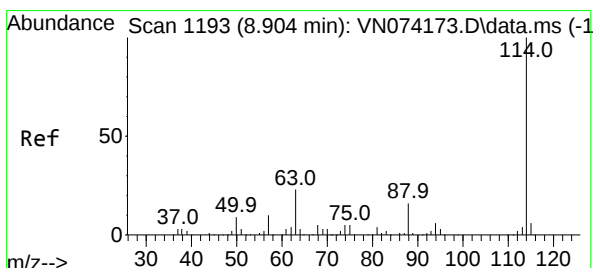
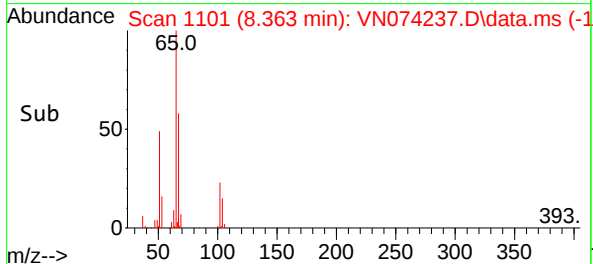
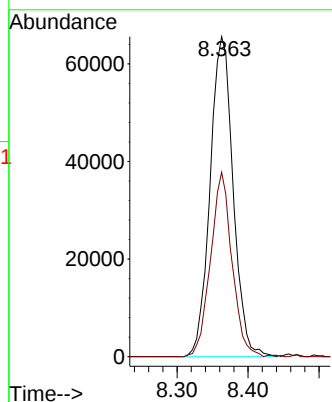
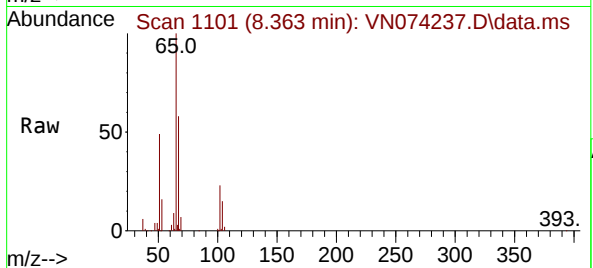
WC-PALM-SP-01

Tgt Ion: 65 Resp: 147702

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074237.D

Acq: 01 Sep 2022 13:03

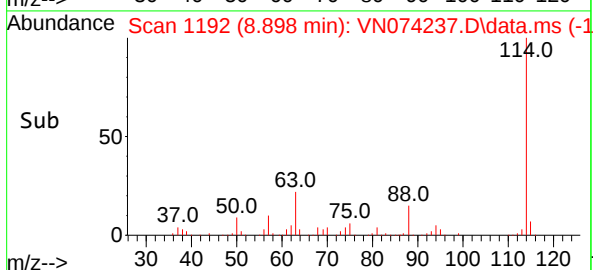
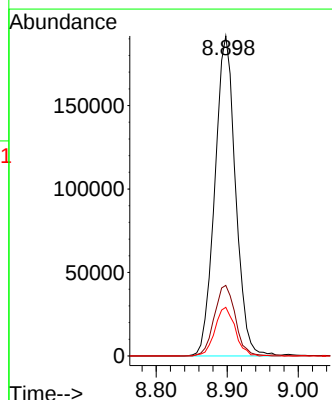
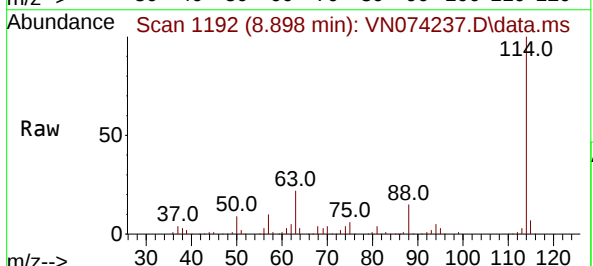
Tgt Ion: 114 Resp: 386544

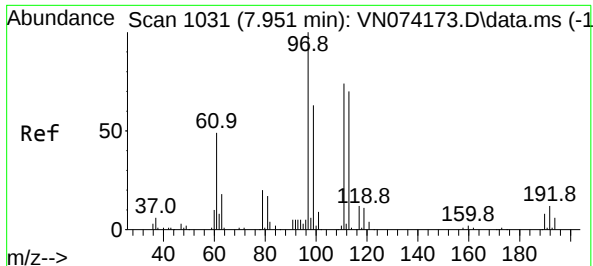
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.820 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074237.D

Acq: 01 Sep 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

WC-PALM-SP-01

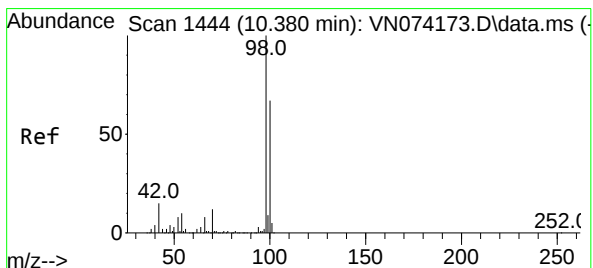
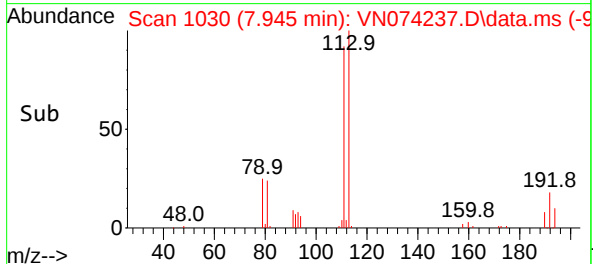
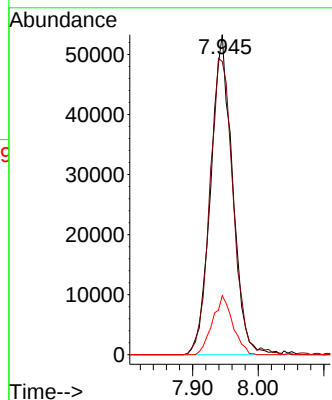
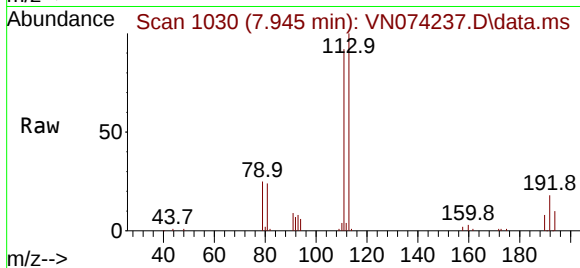
Tgt Ion:113 Resp: 122797

Ion Ratio Lower Upper

113 100

111 99.3 81.4 122.0

192 17.1 17.0 25.6



#50

Toluene-d8

Concen: 42.965 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN074237.D

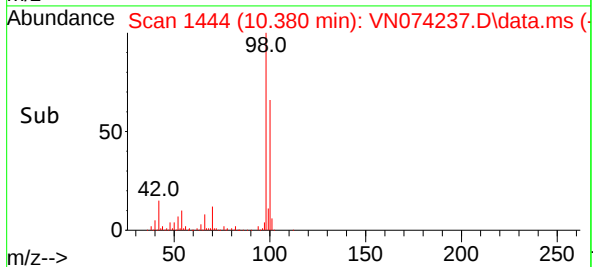
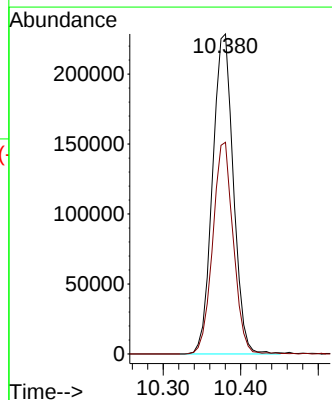
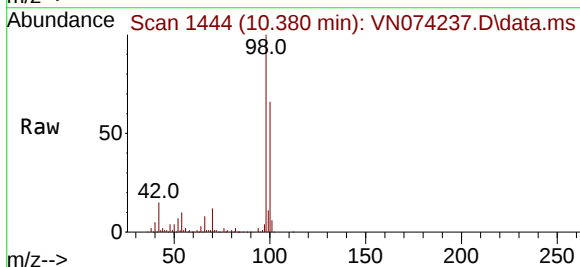
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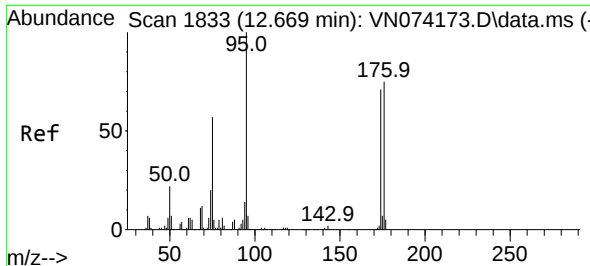
Tgt Ion: 98 Resp: 425600

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

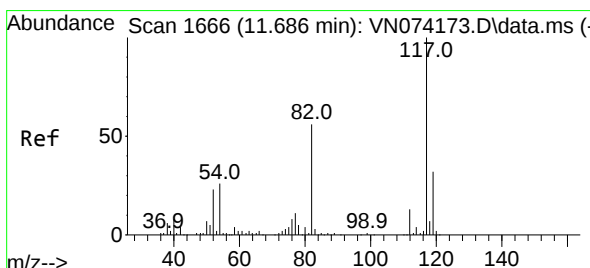
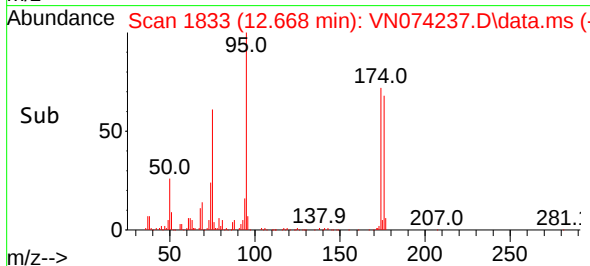
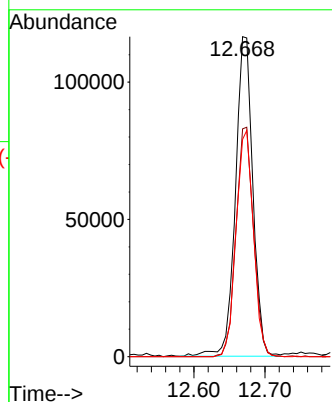
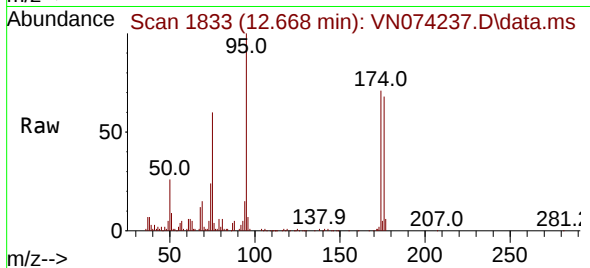




#62
4-Bromofluorobenzene
Concen: 66.013 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074237.D
Acq: 01 Sep 2022 13:03

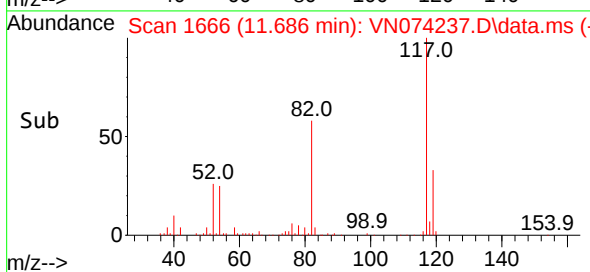
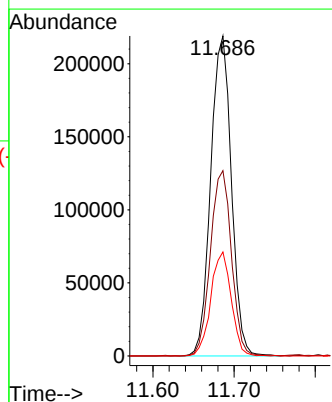
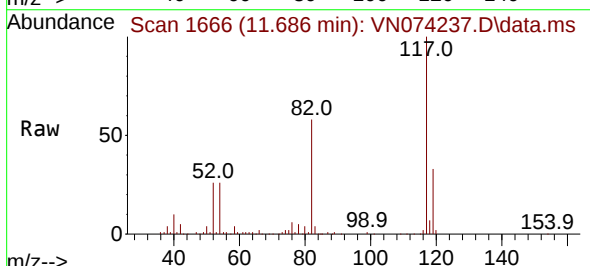
Instrument :
MSVOA_N
ClientSampleId :
WC-PALM-SP-01

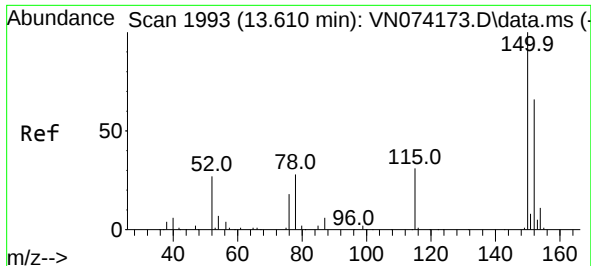
Tgt Ion: 95 Resp: 198856
Ion Ratio Lower Upper
95 100
174 72.0 0.0 167.6
176 70.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074237.D
Acq: 01 Sep 2022 13:03

Tgt Ion: 117 Resp: 387265
Ion Ratio Lower Upper
117 100
82 57.9 44.2 66.2
119 32.5 25.4 38.0

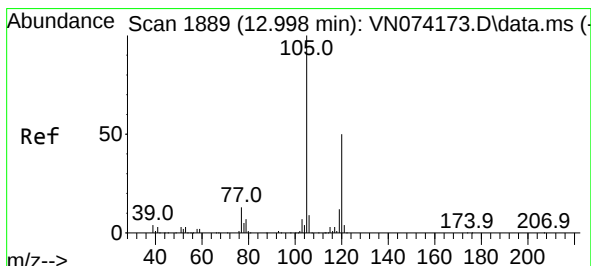
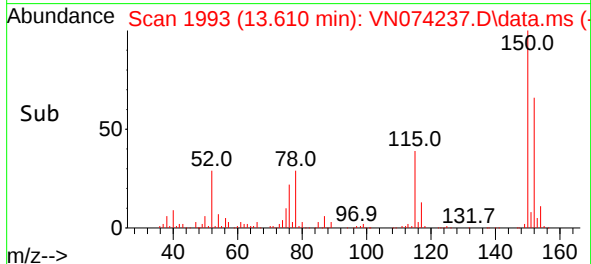
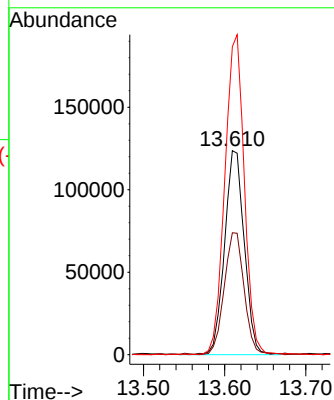
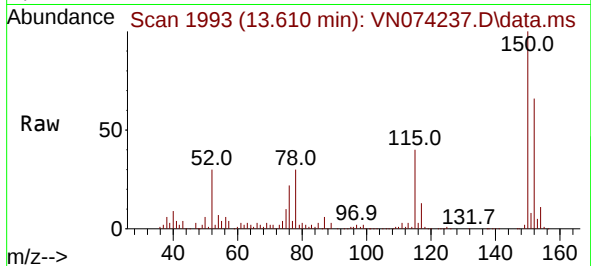




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074237.D
 Acq: 01 Sep 2022 13:03

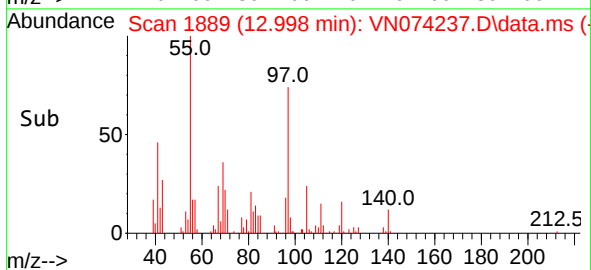
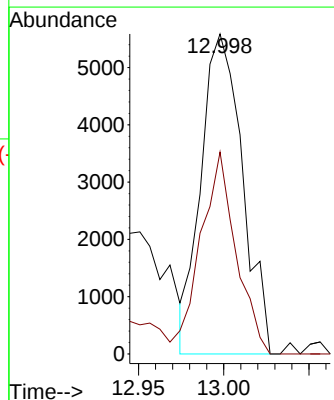
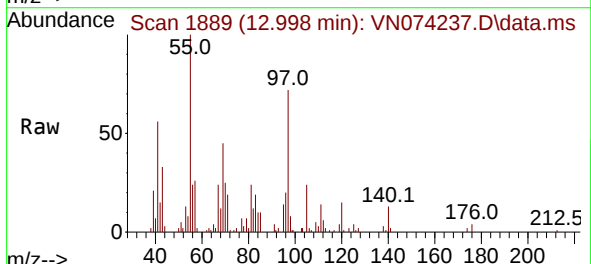
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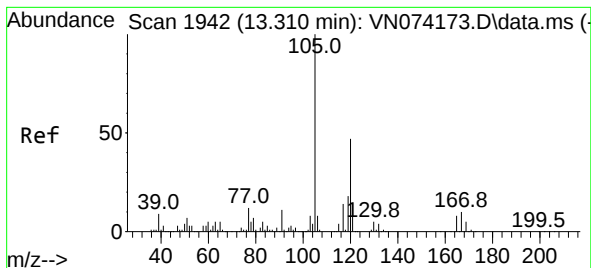
Tgt Ion:152 Resp: 209328
 Ion Ratio Lower Upper
 152 100
 115 60.3 28.9 86.7
 150 154.3 0.0 356.2



#80
 1,3,5-Trimethylbenzene
 Concen: 0.647 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. -0.000 min
 Lab File: VN074237.D
 Acq: 01 Sep 2022 13:03

Tgt Ion:105 Resp: 9429
 Ion Ratio Lower Upper
 105 100
 120 54.0 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 1.335 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074237.D

Acq: 01 Sep 2022 13:03

Instrument :

MSVOA_N

ClientSampleId :

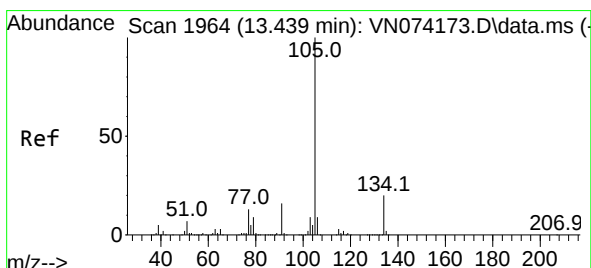
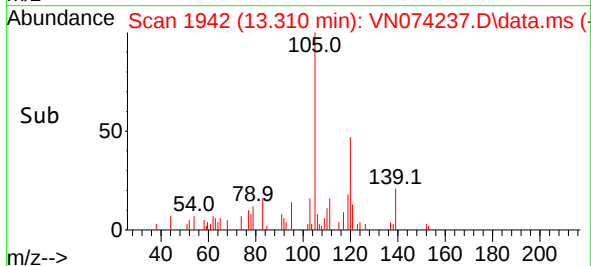
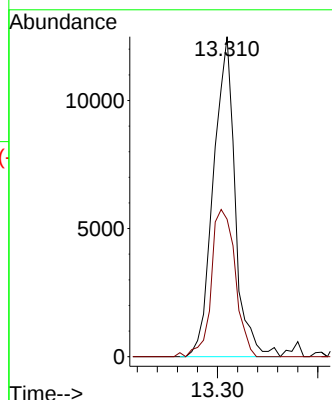
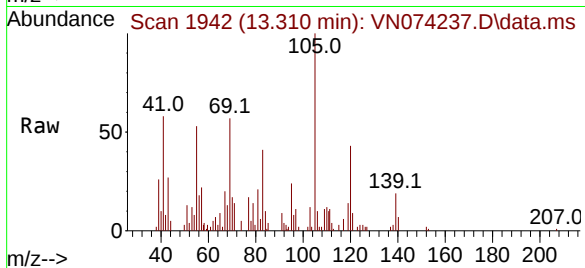
WC-PALM-SP-01

Tgt Ion:105 Resp: 18788

Ion Ratio Lower Upper

105 100

120 50.8 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.495 ug/l

RT: 13.433 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VN074237.D

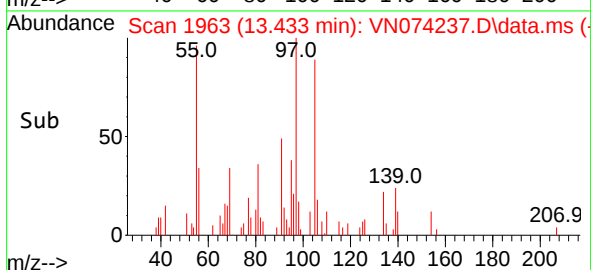
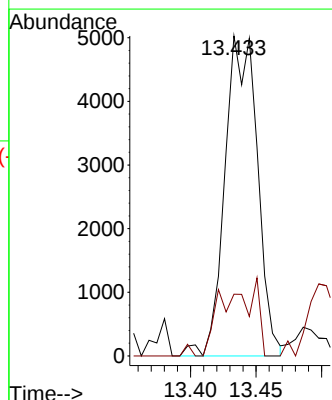
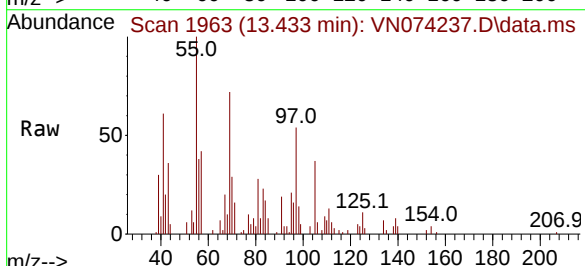
Acq: 01 Sep 2022 13:03

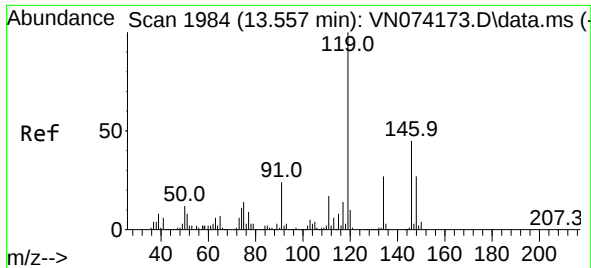
Tgt Ion:105 Resp: 8667

Ion Ratio Lower Upper

105 100

134 24.1 10.4 31.1





#86
 p-Isopropyltoluene
 Concen: 0.441 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN074237.D
 Acq: 01 Sep 2022 13:03

Instrument :
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 WC-PALM-SP-01

Tgt Ion:	119	Resp:	5998
Ion	Ratio	Lower	Upper
119	100		
134	33.1	13.3	39.8
91	24.3	11.3	33.9

