

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN073013.D
 Acq On : 22 Jun 2022 08:55
 Operator : JC\MD
 Sample : N3329-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

Quant Time: Jun 22 09:17:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

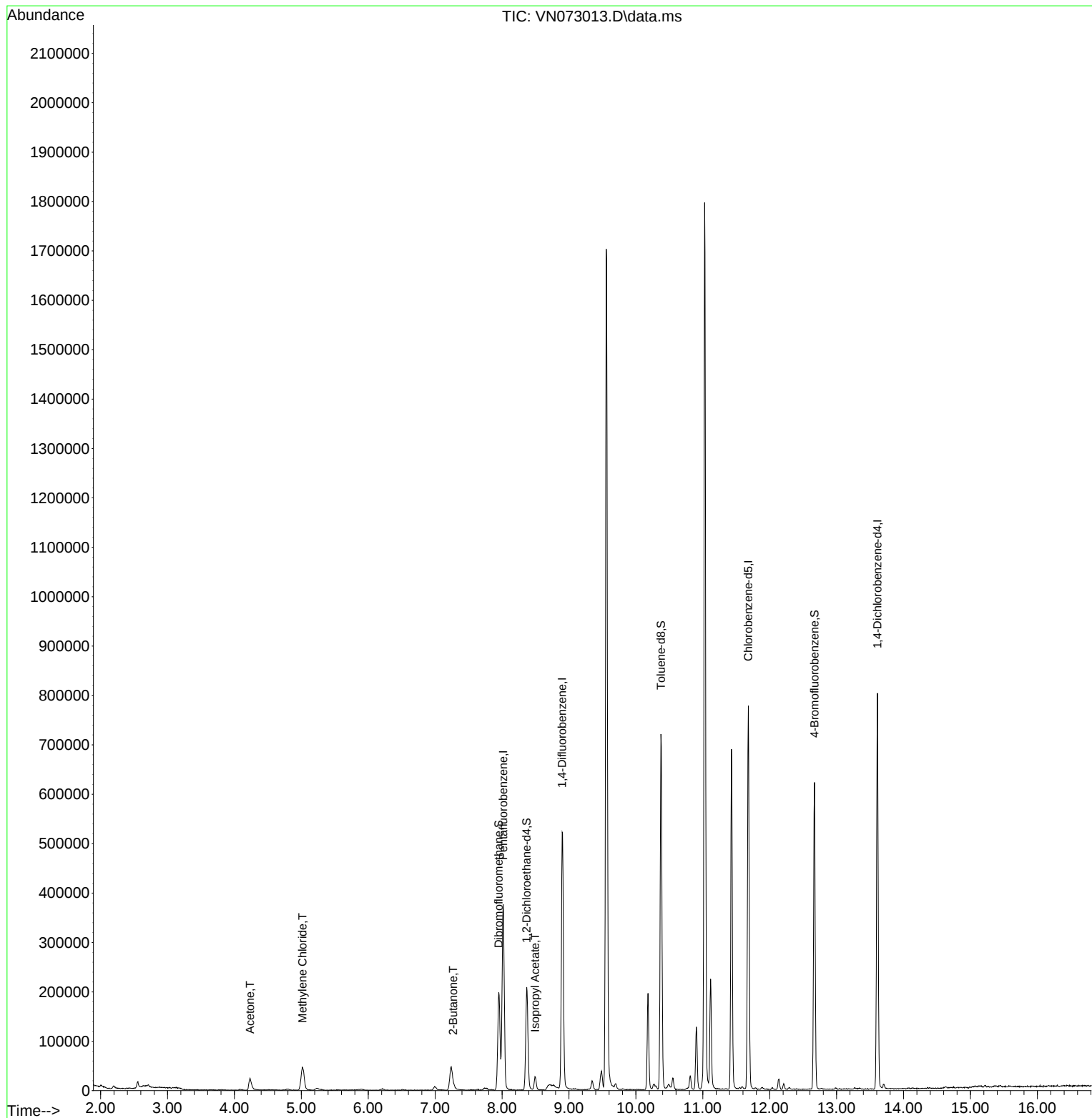
Internal Standards						
1) Pentafluorobenzene	8.016	168	285185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	468371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	436377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	208110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	173312	44.950	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.900%
35) Dibromofluoromethane	7.951	113	151370	52.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.580%
50) Toluene-d8	10.375	98	492401	45.710	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.669	95	212203	54.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.560%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	43893	20.710	ug/l	90
20) Methylene Chloride	5.016	84	38027	11.381	ug/l #	87
25) 2-Butanone	7.269	43	21442	6.376	ug/l	94
43) Isopropyl Acetate	8.492	43	31553	3.523	ug/l #	86

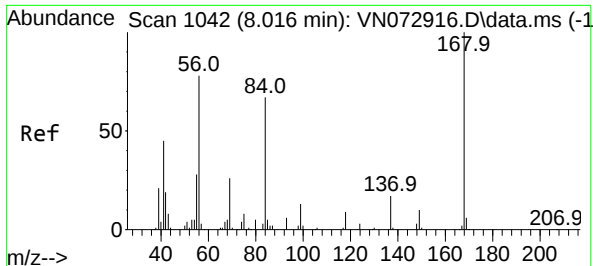
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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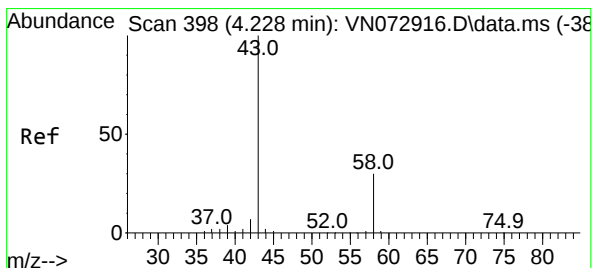
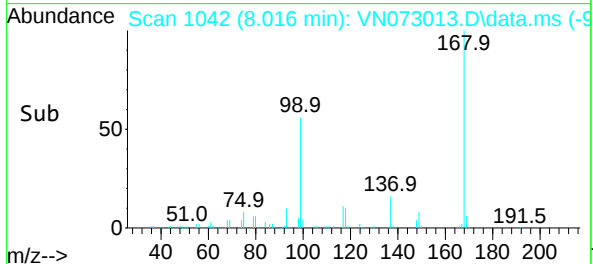
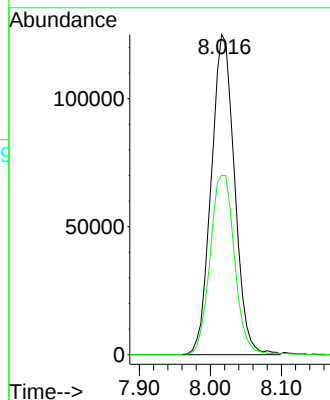
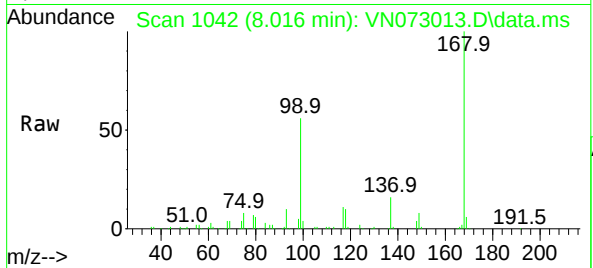




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073013.D
Acq: 22 Jun 2022 08:55

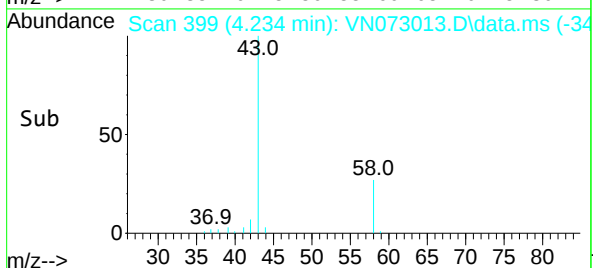
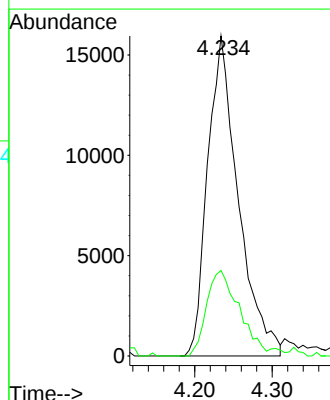
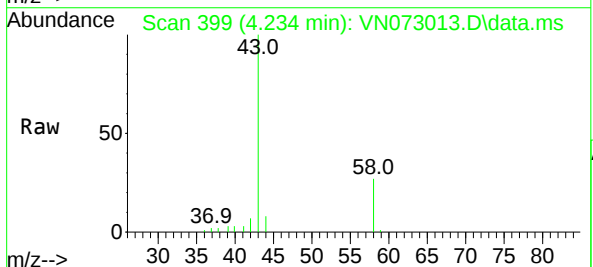
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

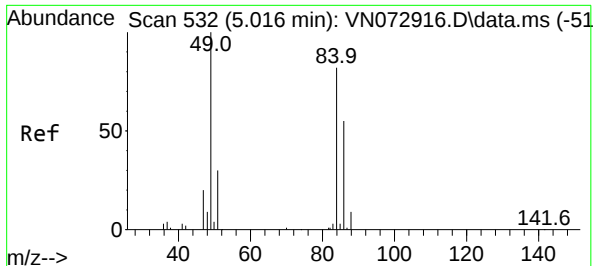
Tgt Ion:168 Resp: 285185
Ion Ratio Lower Upper
168 100
99 56.1 42.3 63.5



#16
Acetone
Concen: 20.710 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073013.D
Acq: 22 Jun 2022 08:55

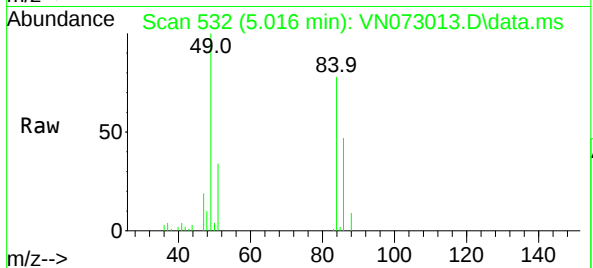
Tgt Ion: 43 Resp: 43893
Ion Ratio Lower Upper
43 100
58 26.7 26.0 39.0



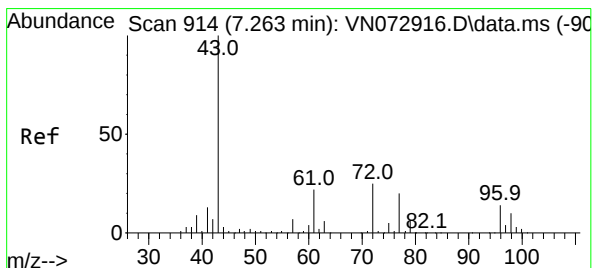
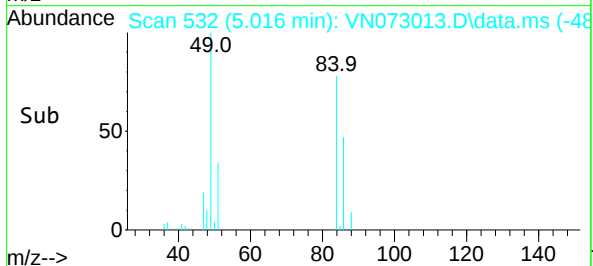
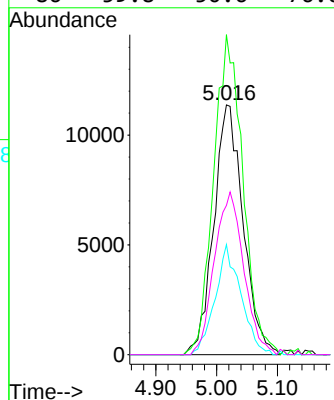


#20
Methylene Chloride
Concen: 11.381 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073013.D
Acq: 22 Jun 2022 08:55

Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

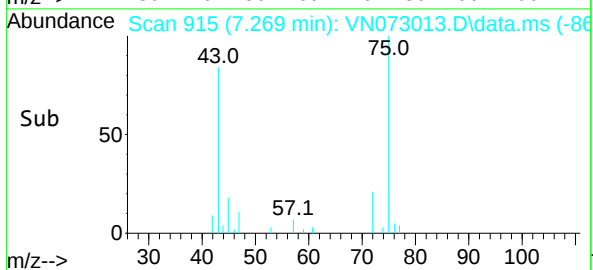
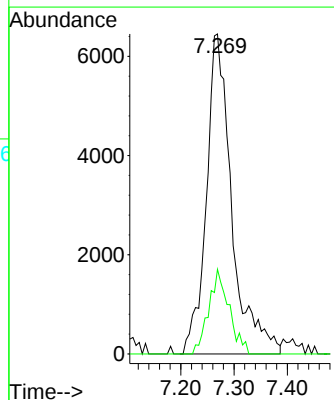
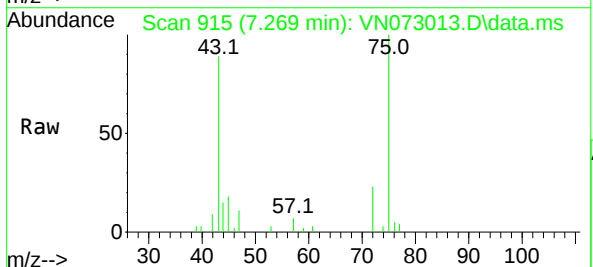


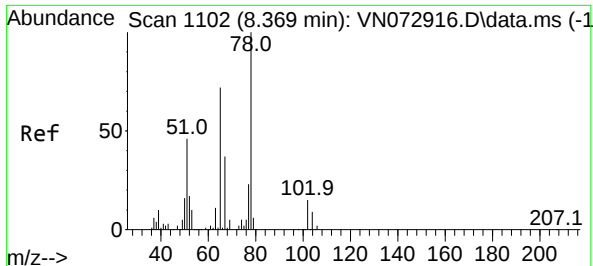
Tgt Ion:	84	Resp:	38027
Ion	Ratio	Lower	Upper
84	100		
49	128.1	88.3	132.5
51	44.0	28.2	42.2
86	59.8	50.6	76.0



#25
2-Butanone
Concen: 6.376 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.006 min
Lab File: VN073013.D
Acq: 22 Jun 2022 08:55

Tgt Ion:	43	Resp:	21442
Ion	Ratio	Lower	Upper
43	100		
72	26.4	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 44.950 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073013.D

Acq: 22 Jun 2022 08:55

Instrument :

MSVOA_N

ClientSampleId :

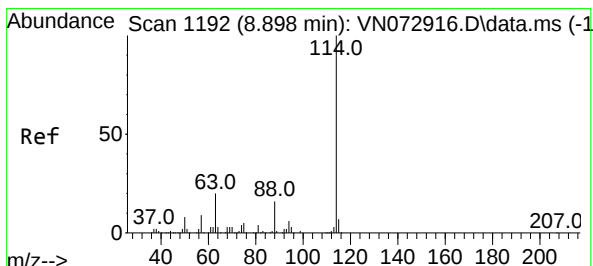
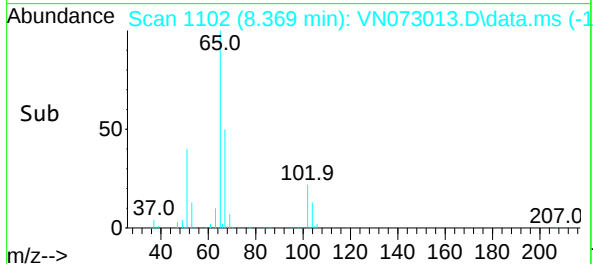
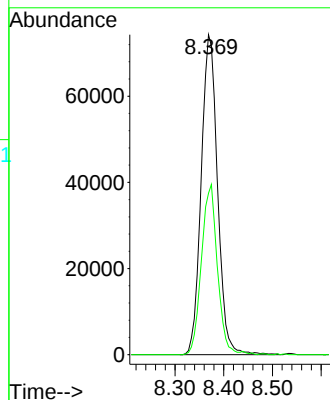
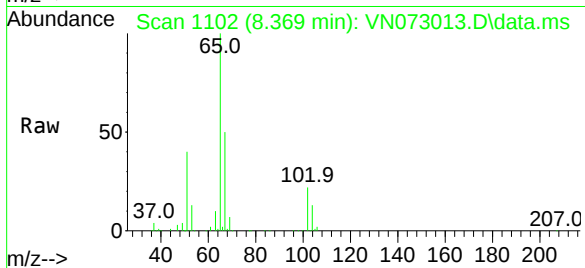
PALMYRA-RT-73-COMP-3

Tgt Ion: 65 Resp: 173312

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# 1192

Delta R.T. 0.000 min

Lab File: VN073013.D

Acq: 22 Jun 2022 08:55

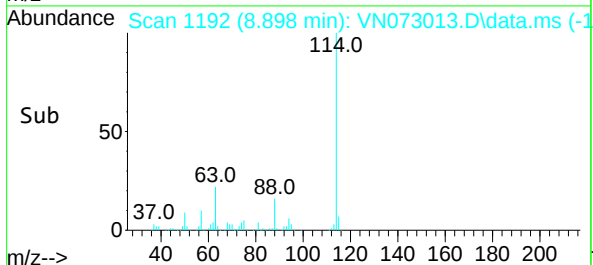
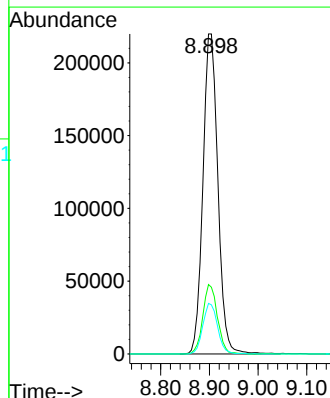
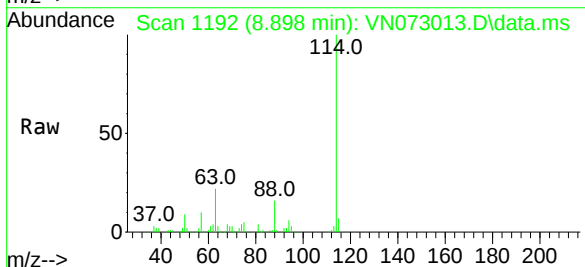
Tgt Ion: 114 Resp: 468371

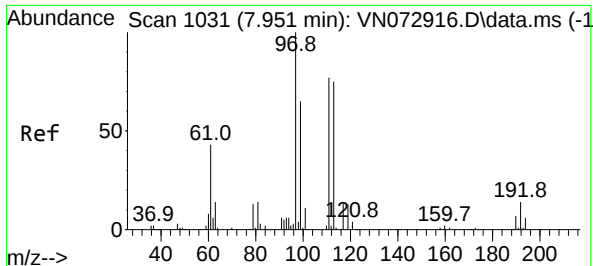
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.287 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073013.D

Acq: 22 Jun 2022 08:55

Instrument :

MSVOA_N

ClientSampleId :

PALMYRA-RT-73-COMP-3

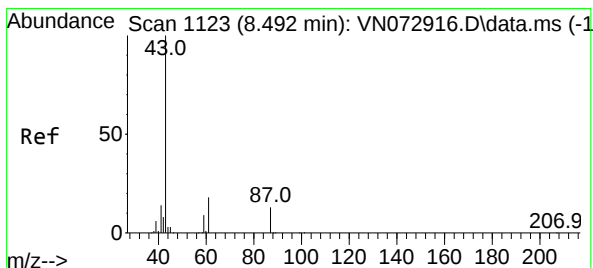
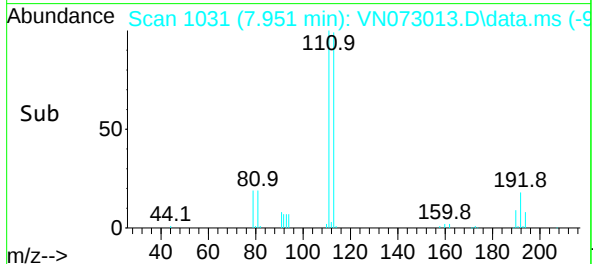
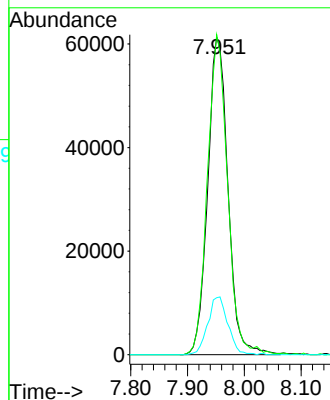
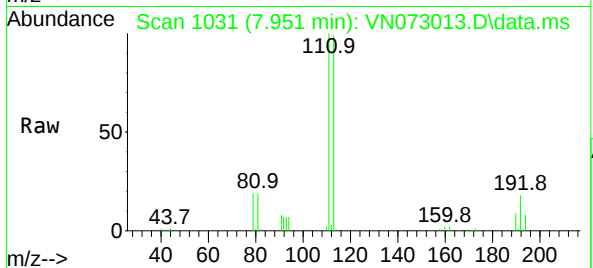
Tgt Ion:113 Resp: 151370

Ion Ratio Lower Upper

113 100

111 100.1 81.4 122.0

192 18.0 17.0 25.6



#43

Isopropyl Acetate

Concen: 3.523 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073013.D

Acq: 22 Jun 2022 08:55

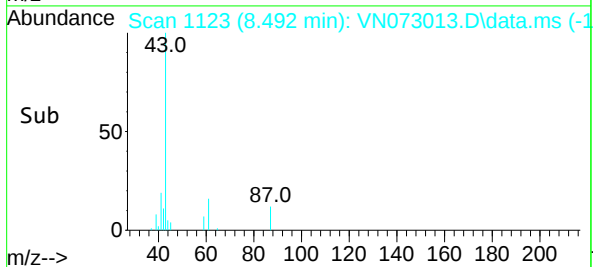
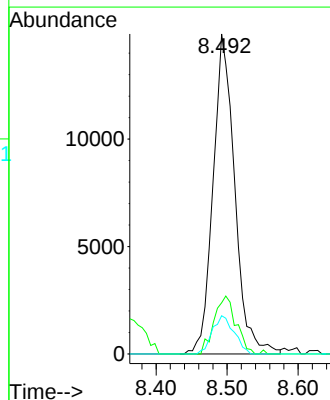
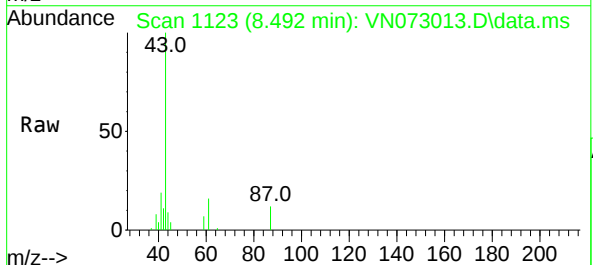
Tgt Ion: 43 Resp: 31553

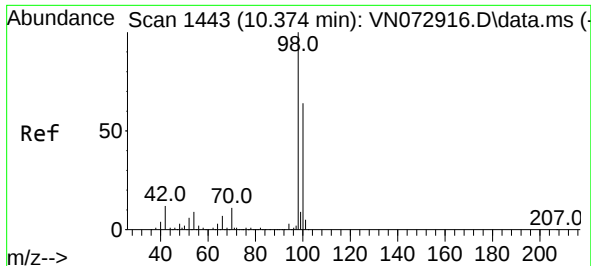
Ion Ratio Lower Upper

43 100

61 18.3 21.9 32.9#

87 12.0 12.0 18.0#

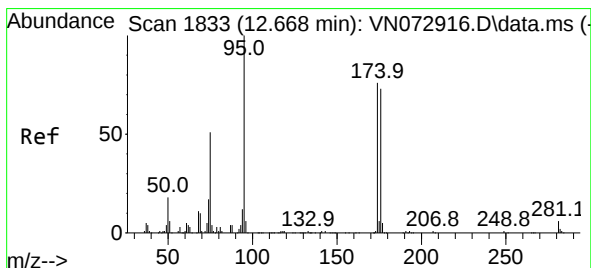
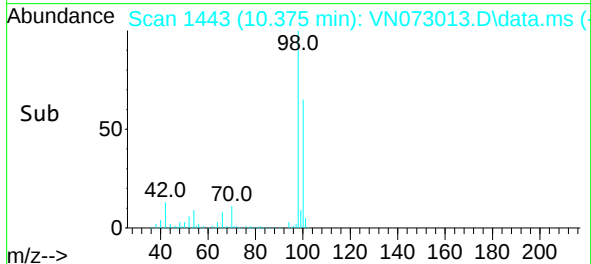
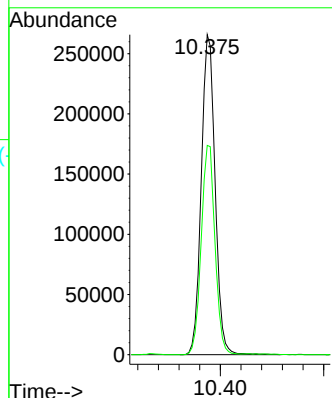
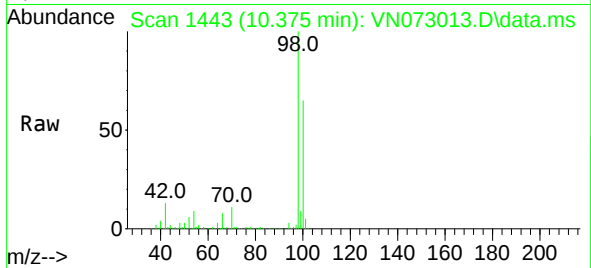




#50
Toluene-d8
Concen: 45.710 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073013.D
Acq: 22 Jun 2022 08:55

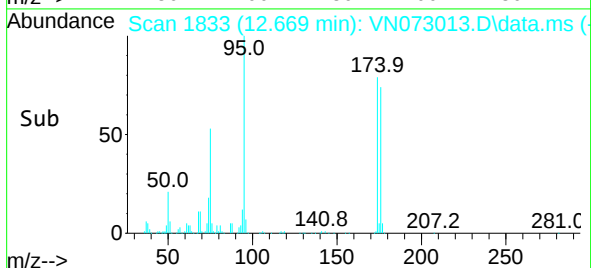
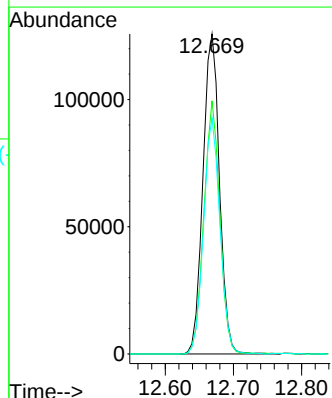
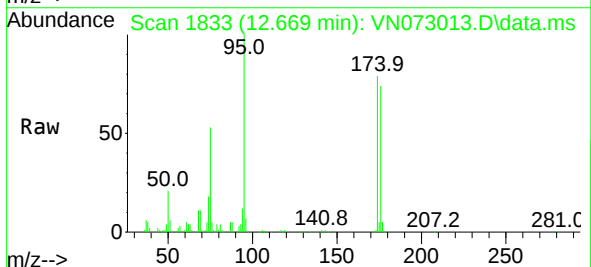
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PALMYRA-RT-73-COMP-3

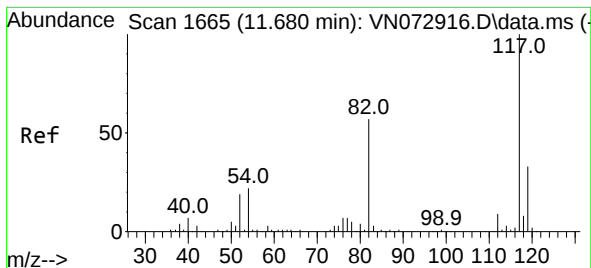
Tgt Ion: 98 Resp: 492401
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.783 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073013.D
Acq: 22 Jun 2022 08:55

Tgt Ion: 95 Resp: 212203
Ion Ratio Lower Upper
95 100
174 76.6 0.0 167.6
176 73.1 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: VN073013.D

Acq: 22 Jun 2022 08:55

Instrument :

MSVOA_N

ClientSampleId :

PALMYRA-RT-73-COMP-3

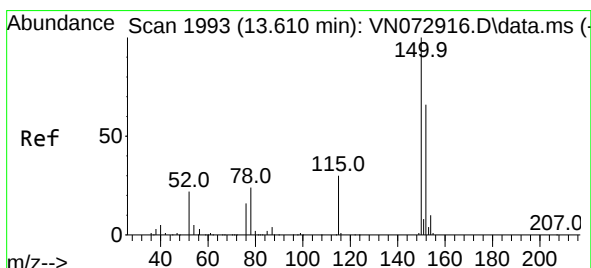
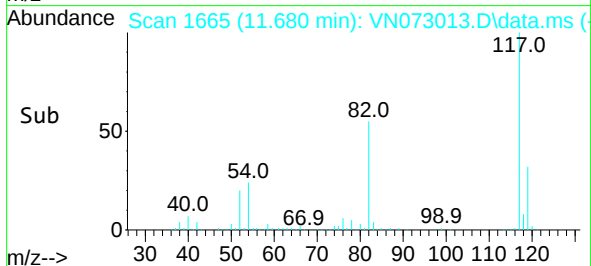
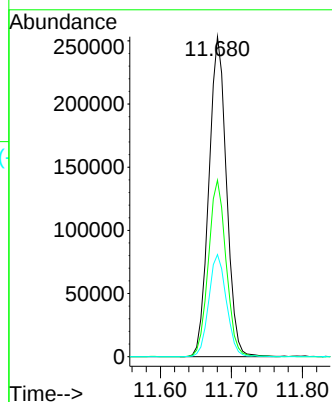
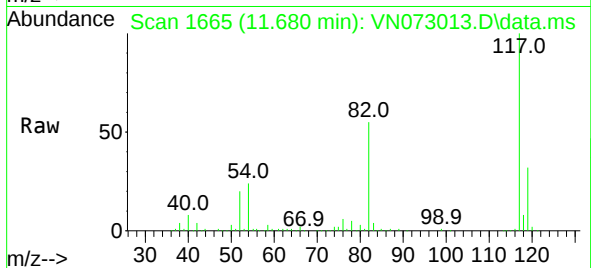
Tgt Ion:117 Resp: 436377

Ion Ratio Lower Upper

117 100

82 55.2 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: VN073013.D

Acq: 22 Jun 2022 08:55

Tgt Ion:152 Resp: 208110

Ion Ratio Lower Upper

152 100

115 60.6 28.9 86.7

150 159.3 0.0 356.2

