

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072861.D
 Acq On : 15 Jun 2022 03:55
 Operator : JC\MD
 Sample : N3329-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PALMYRA-RT-73-COMP-2

Quant Time: Jun 15 04:38:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

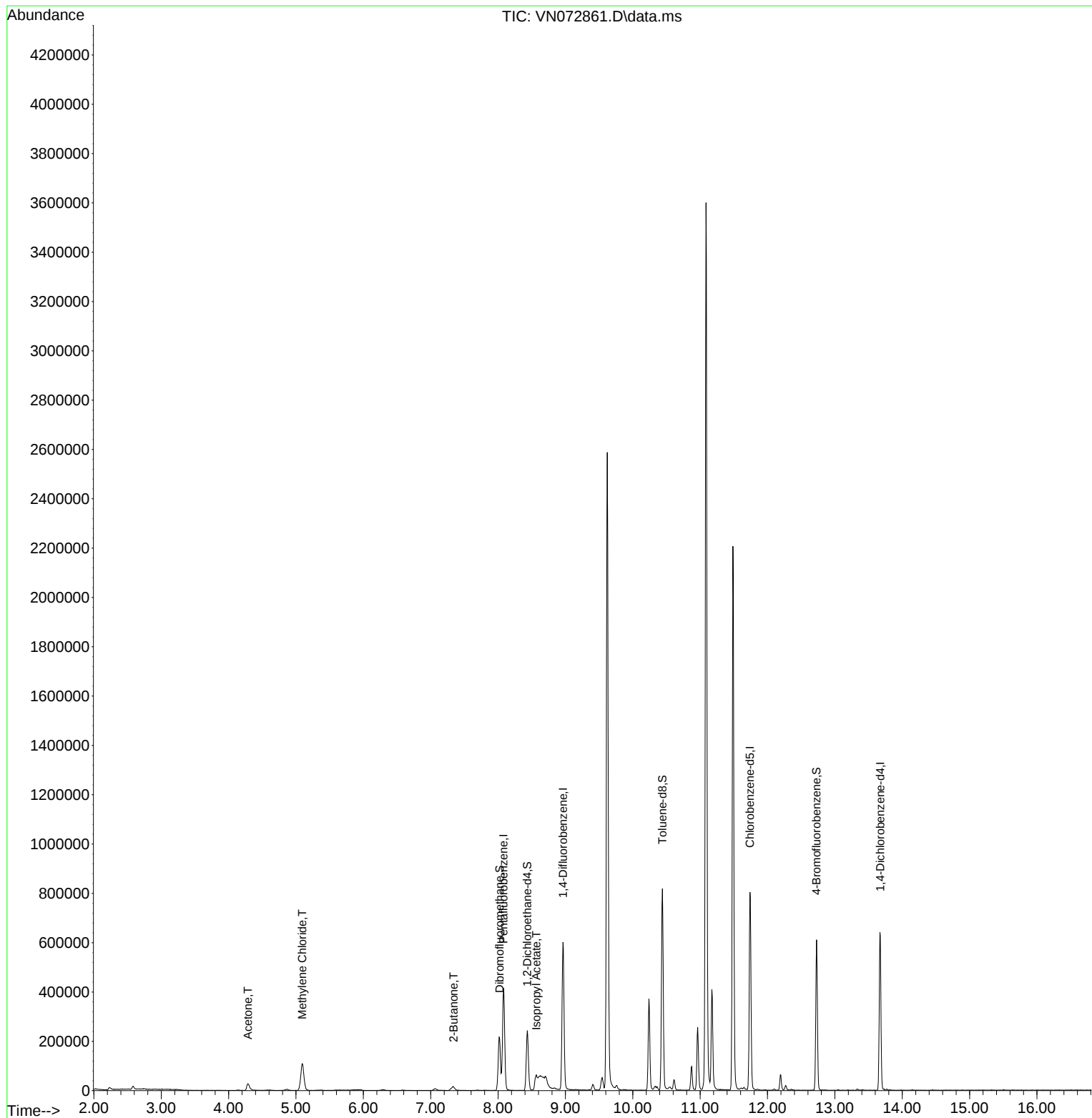
Internal Standards						
1) Pentafluorobenzene	8.081	168	295397	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	513515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	459756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	169956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	198852	43.465	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.920%
35) Dibromofluoromethane	8.022	113	160182	50.383	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.760%
50) Toluene-d8	10.439	98	550113	43.844	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	87.680%
62) 4-Bromofluorobenzene	12.727	95	209518	49.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.500%
Target Compounds						
						Qvalue
16) Acetone	4.287	43	52956	20.711	ug/l	90
20) Methylene Chloride	5.093	84	85496	25.405	ug/l	86
25) 2-Butanone	7.339	43	23069	5.694	ug/l	92
43) Isopropyl Acetate	8.569	43	83952	7.954	ug/l	# 72

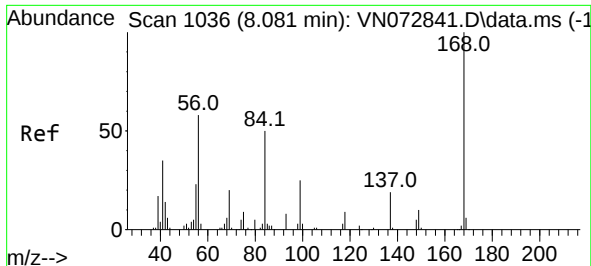
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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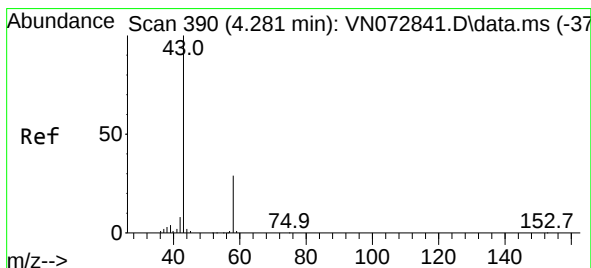
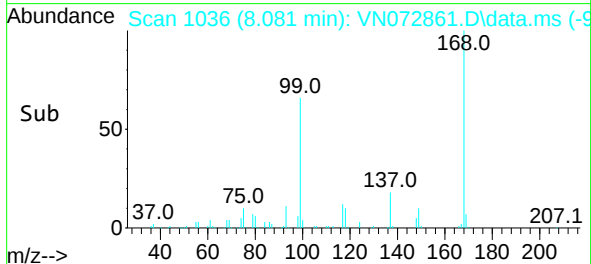
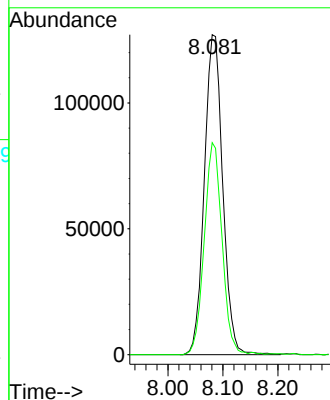
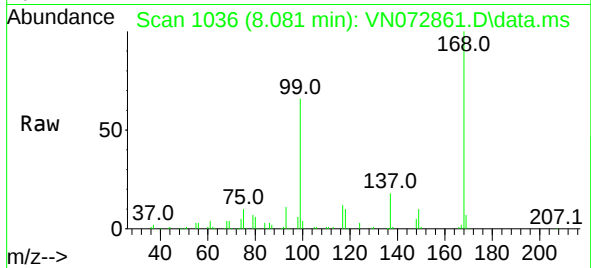




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072861.D
Acq: 15 Jun 2022 03:55

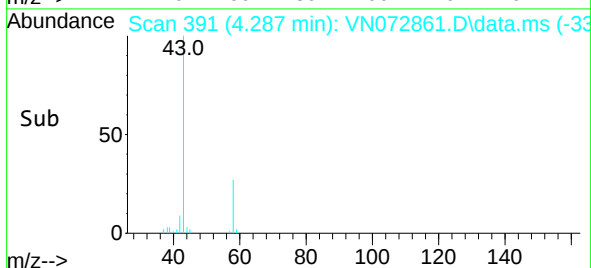
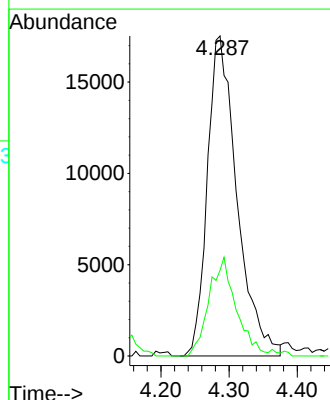
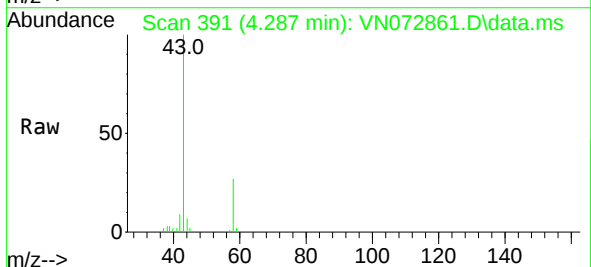
Instrument : MSVOA_N
ClientSampleId : PALMYRA-RT-73-COMP-2

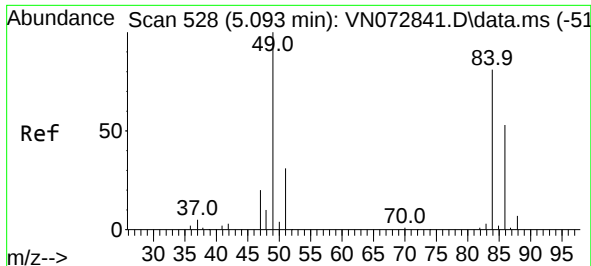
Tgt Ion:168 Resp: 295397
Ion Ratio Lower Upper
168 100
99 66.2 42.3 63.5#



#16
Acetone
Concen: 20.711 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072861.D
Acq: 15 Jun 2022 03:55

Tgt Ion: 43 Resp: 52956
Ion Ratio Lower Upper
43 100
58 26.7 26.0 39.0





#20

Methylene Chloride

Concen: 25.405 ug/l

RT: 5.093 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN072861.D

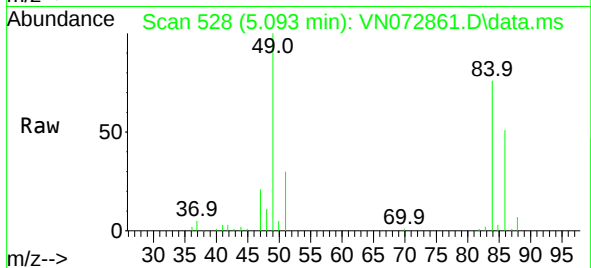
Acq: 15 Jun 2022 03:55

Instrument :

MSVOA_N

ClientSampleId :

PALMYRA-RT-73-COMP-2



Tgt Ion: 84 Resp: 85496

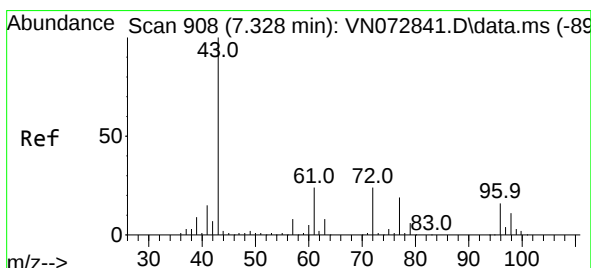
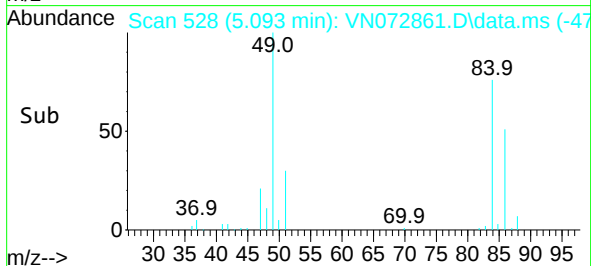
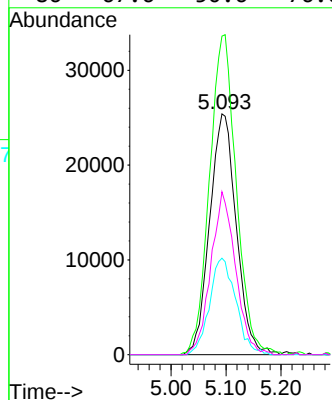
Ion Ratio Lower Upper

84 100

49 132.3 88.3 132.5

51 40.1 28.2 42.2

86 67.6 50.6 76.0



#25

2-Butanone

Concen: 5.694 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN072861.D

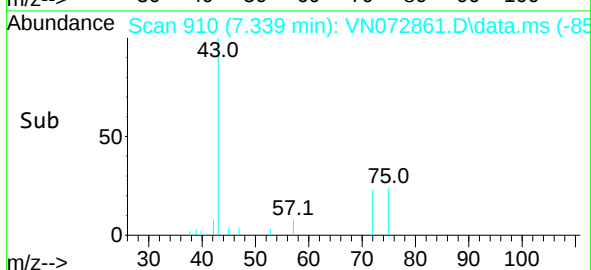
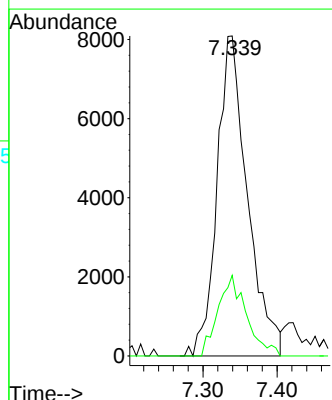
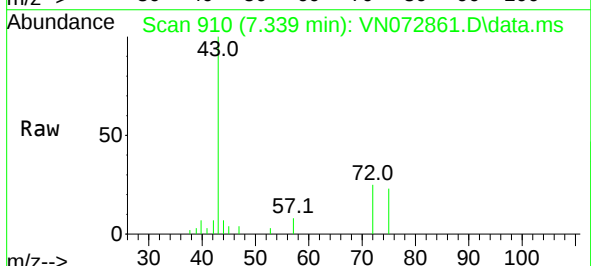
Acq: 15 Jun 2022 03:55

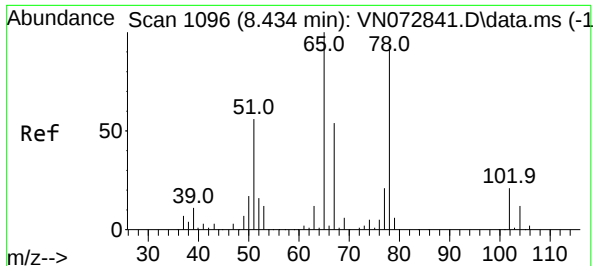
Tgt Ion: 43 Resp: 23069

Ion Ratio Lower Upper

43 100

72 25.2 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 43.465 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072861.D

Acq: 15 Jun 2022 03:55

Instrument :

MSVOA_N

ClientSampleId :

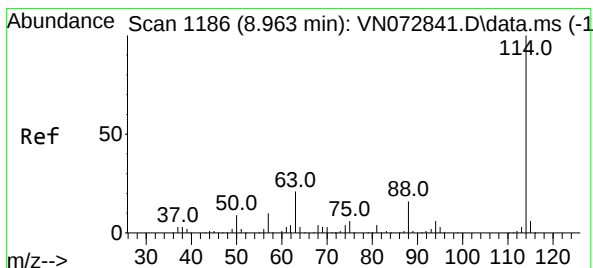
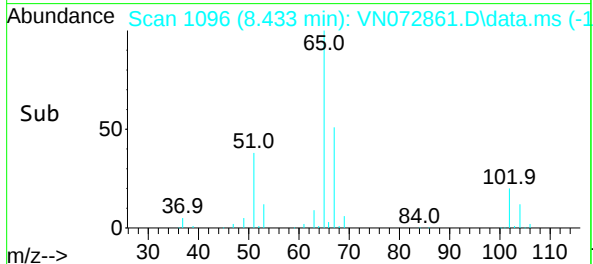
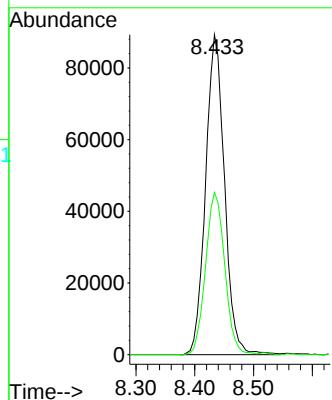
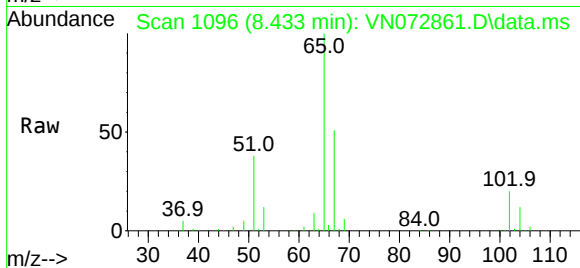
PALMYRA-RT-73-COMP-2

Tgt Ion: 65 Resp: 198852

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072861.D

Acq: 15 Jun 2022 03:55

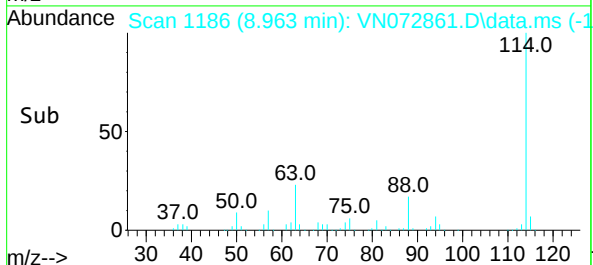
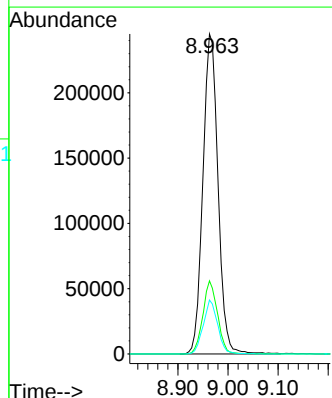
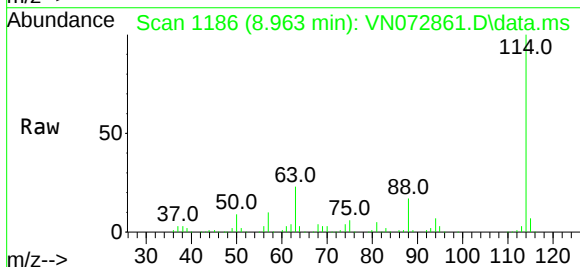
Tgt Ion: 114 Resp: 513515

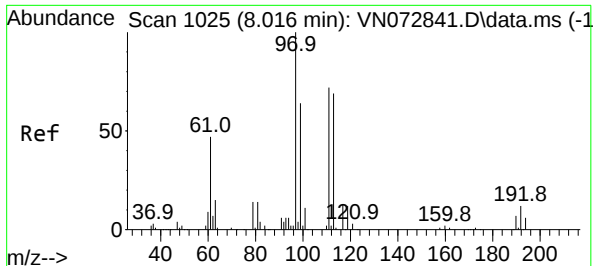
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 16.8 0.0 32.6

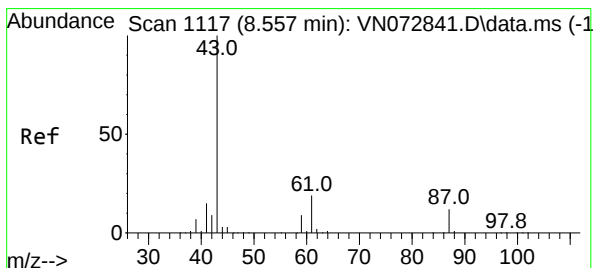
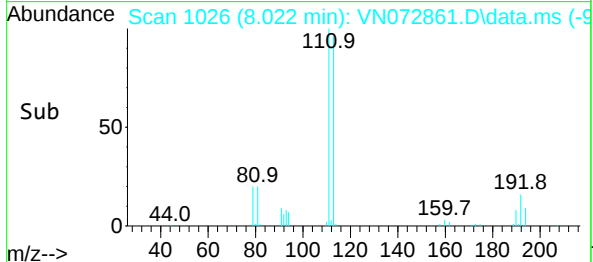
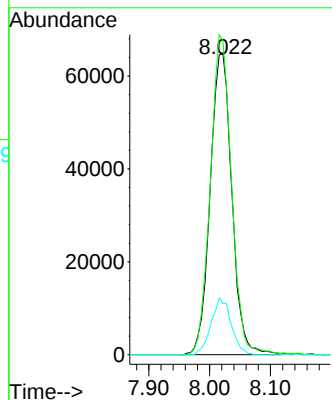
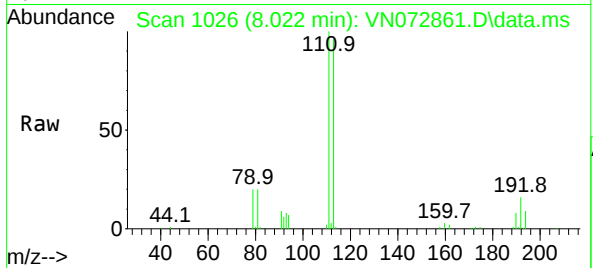




#35
Dibromofluoromethane
Concen: 50.383 ug/l
RT: 8.022 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN072861.D
Acq: 15 Jun 2022 03:55

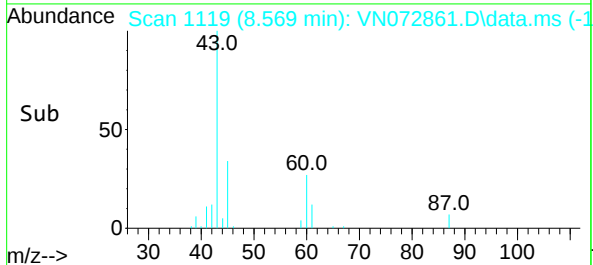
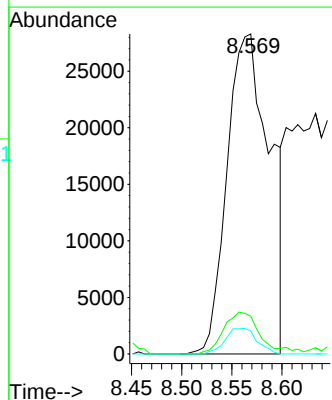
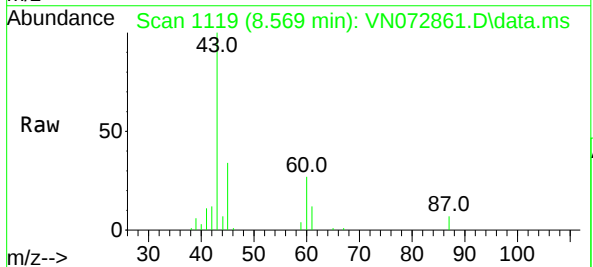
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-2

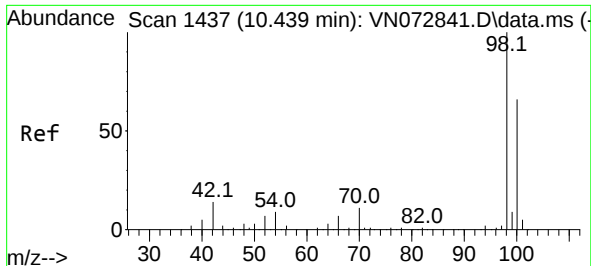
Tgt Ion:113 Resp: 160182
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 17.4 17.0 25.6



#43
Isopropyl Acetate
Concen: 7.954 ug/l
RT: 8.569 min Scan# 1119
Delta R.T. 0.012 min
Lab File: VN072861.D
Acq: 15 Jun 2022 03:55

Tgt Ion: 43 Resp: 83952
Ion Ratio Lower Upper
43 100
61 11.2 21.9 32.9#
87 5.9 12.0 18.0#

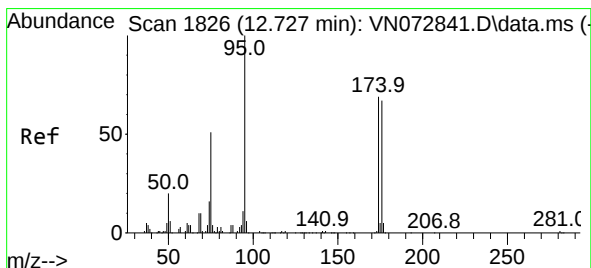
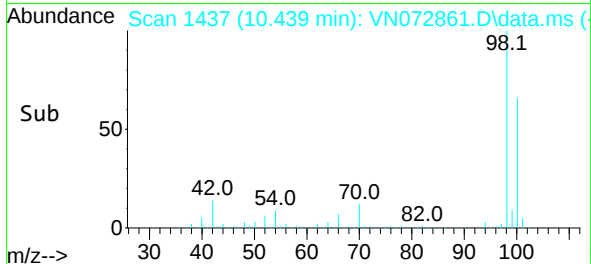
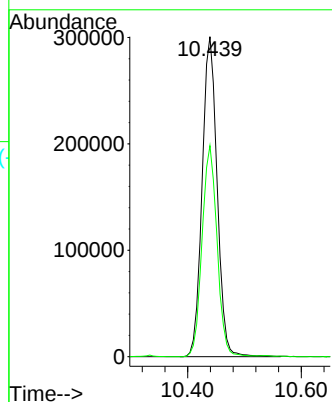
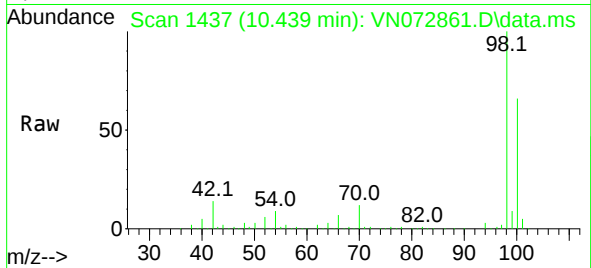




#50
Toluene-d8
Concen: 43.844 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072861.D
Acq: 15 Jun 2022 03:55

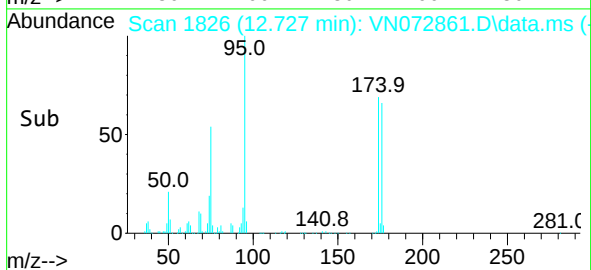
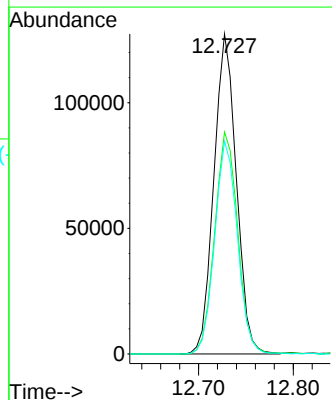
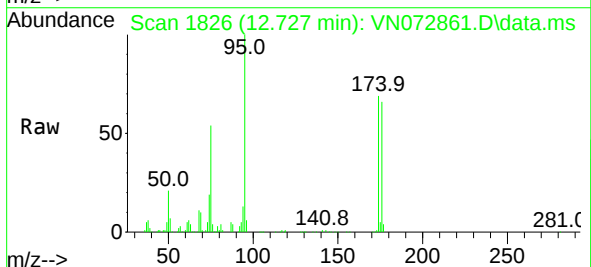
Instrument :
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PALMYRA-RT-73-COMP-2

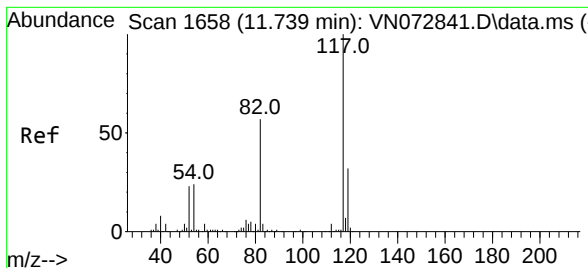
Tgt Ion: 98 Resp: 550113
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.746 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072861.D
Acq: 15 Jun 2022 03:55

Tgt Ion: 95 Resp: 209518
Ion Ratio Lower Upper
95 100
174 71.4 0.0 167.6
176 67.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072861.D

Acq: 15 Jun 2022 03:55

Instrument :

MSVOA_N

ClientSampleId :

PALMYRA-RT-73-COMP-2

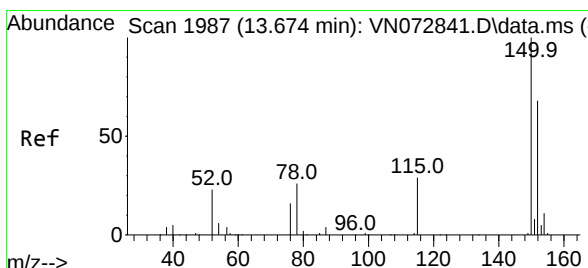
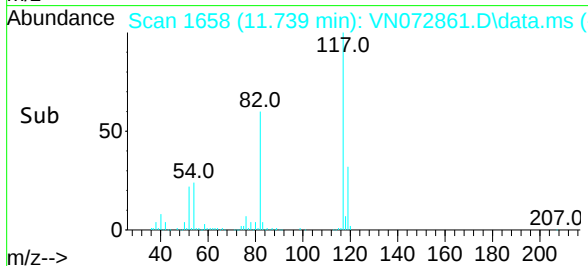
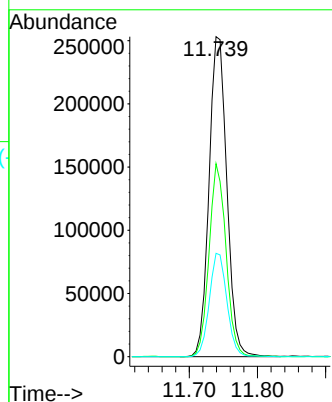
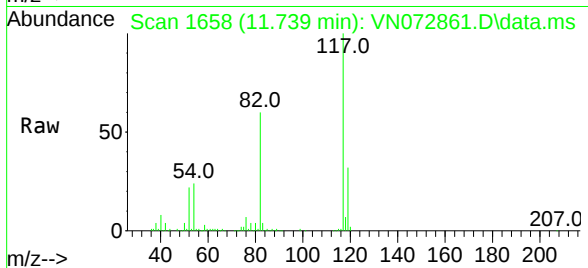
Tgt Ion:117 Resp: 459756

Ion Ratio Lower Upper

117 100

82 60.3 44.2 66.2

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VN072861.D

Acq: 15 Jun 2022 03:55

Tgt Ion:152 Resp: 169956

Ion Ratio Lower Upper

152 100

115 62.0 28.9 86.7

150 157.3 0.0 356.2

