

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072862.D
 Acq On : 15 Jun 2022 04:20
 Operator : JC\MD
 Sample : N3329-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Jun 15 07:51:34 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)

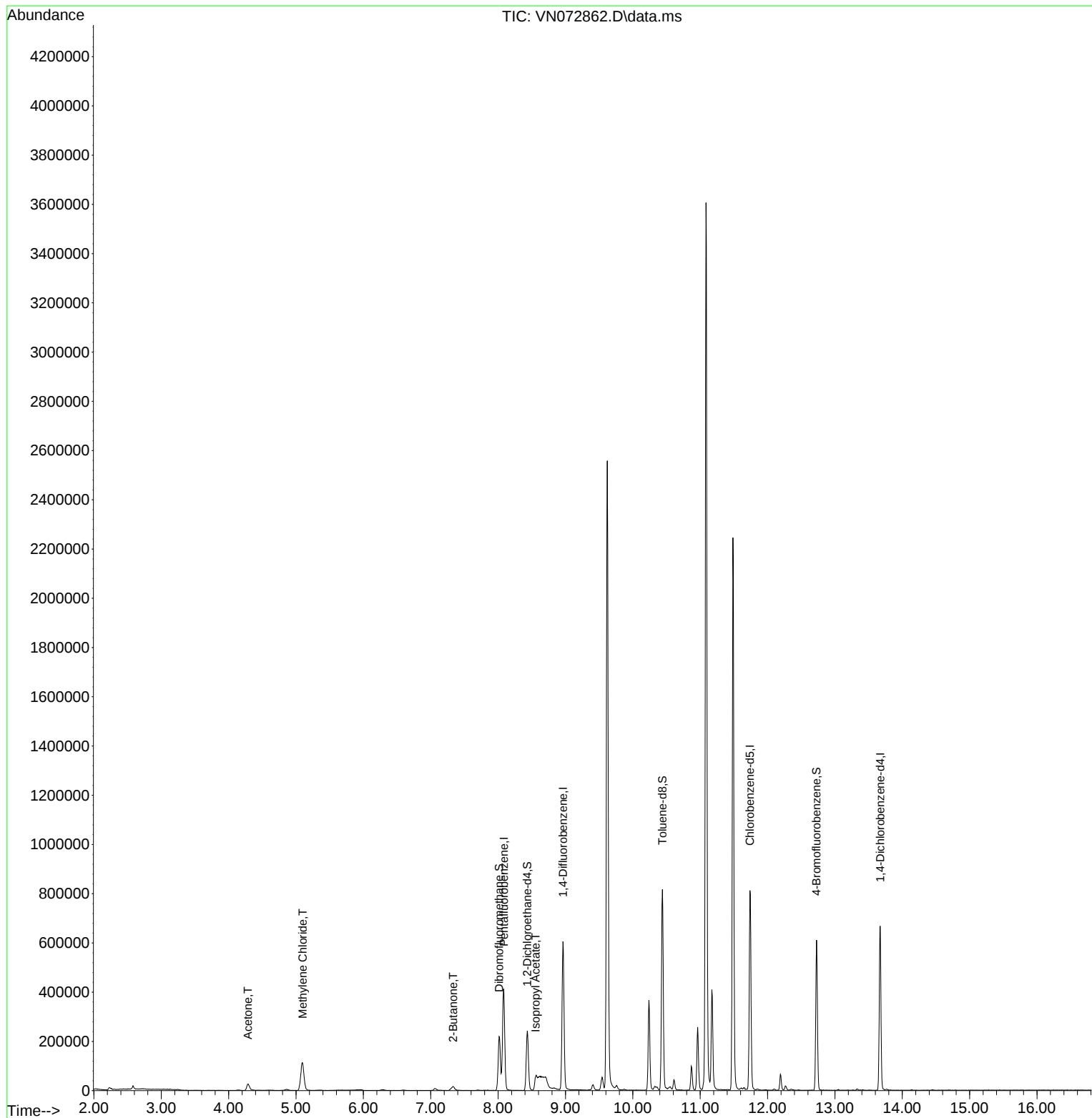
Internal Standards						
1) Pentafluorobenzene	8.086	168	301108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	516818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	461378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	178430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	202626	43.450	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.900%
35) Dibromofluoromethane	8.016	113	161217	50.384	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.760%
50) Toluene-d8	10.439	98	552360	43.742	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	87.480%
62) 4-Bromofluorobenzene	12.727	95	216908	51.171	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.340%
Target Compounds						
					Qvalue	
16) Acetone	4.286	43	51580	19.790	ug/l	99
20) Methylene Chloride	5.098	84	88673	25.882	ug/l #	83
25) 2-Butanone	7.333	43	23979	5.806	ug/l #	78
43) Isopropyl Acetate	8.557	43	83825	7.891	ug/l #	73

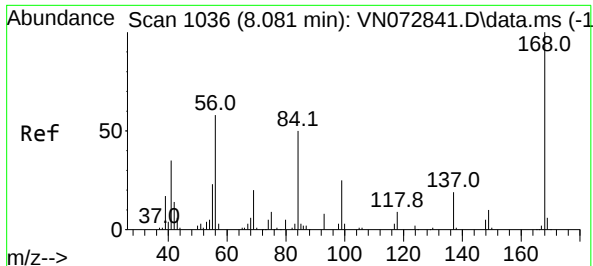
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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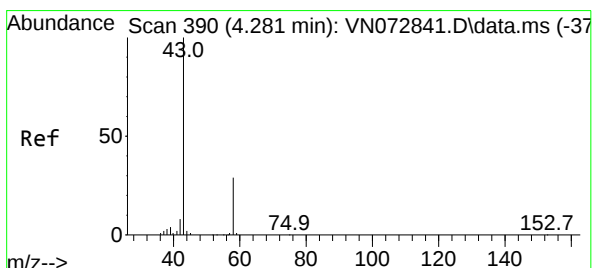
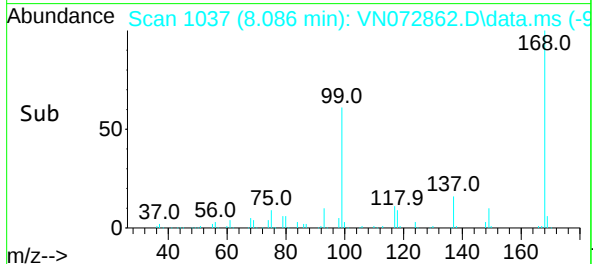
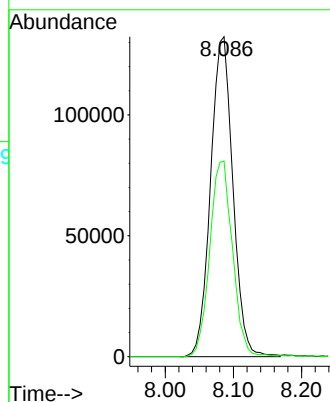
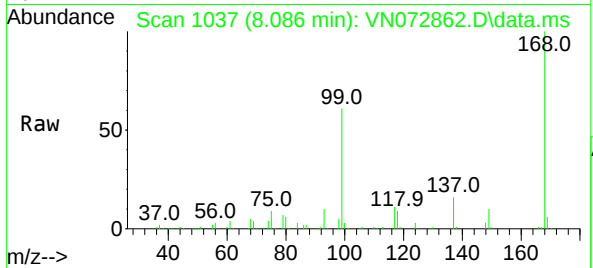




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

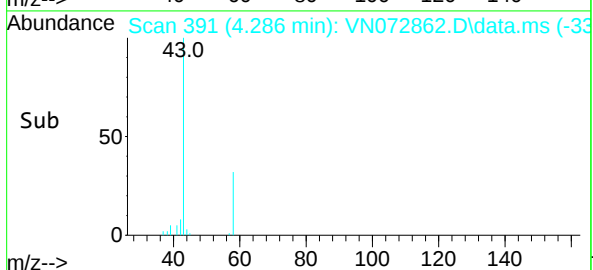
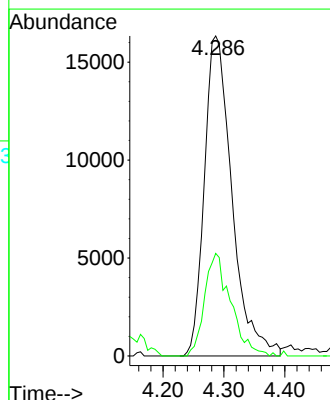
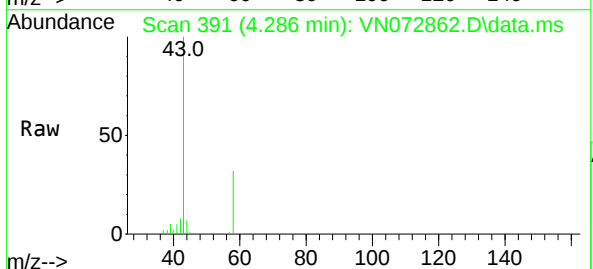
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-3

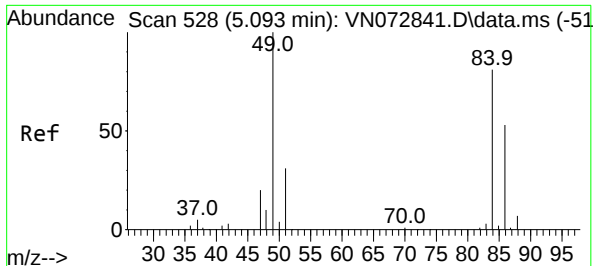
Tgt Ion:168 Resp: 301108
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#16
Acetone
Concen: 19.790 ug/l
RT: 4.286 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 43 Resp: 51580
Ion Ratio Lower Upper
43 100
58 32.1 26.0 39.0





#20

Methylene Chloride

Concen: 25.882 ug/l

RT: 5.098 min Scan# 51

Delta R.T. 0.005 min

Lab File: VN072862.D

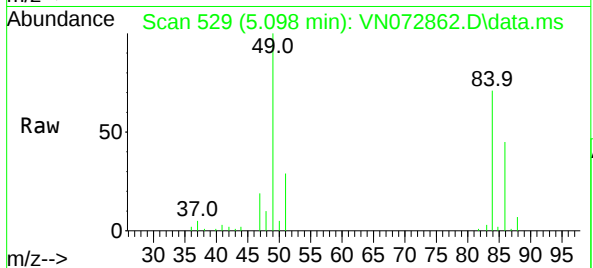
Acq: 15 Jun 2022 04:20

Instrument :

MSVOA_N

ClientSampleId :

PALMYRA-RT-73-COMP-3



Tgt Ion: 84 Resp: 88673

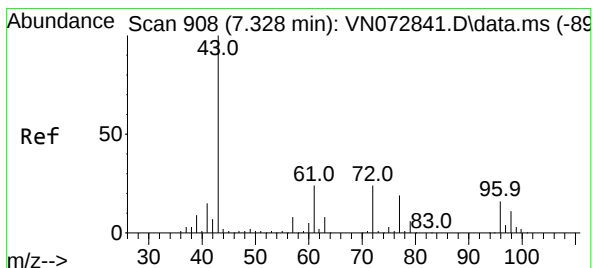
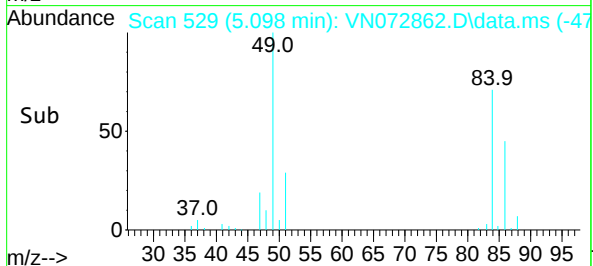
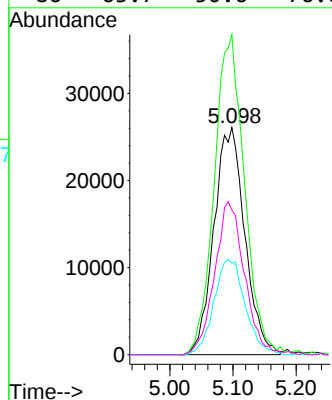
Ion Ratio Lower Upper

84 100

49 140.8 88.3 132.5#

51 40.2 28.2 42.2

86 63.7 50.6 76.0



#25

2-Butanone

Concen: 5.806 ug/l

RT: 7.333 min Scan# 909

Delta R.T. 0.005 min

Lab File: VN072862.D

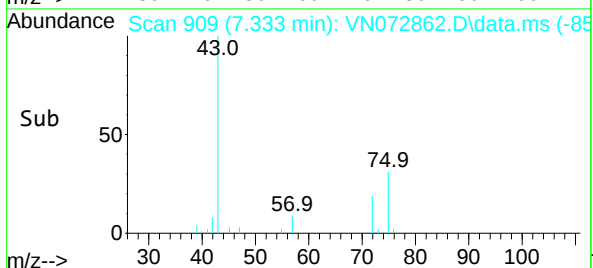
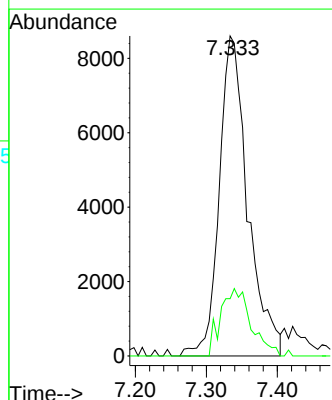
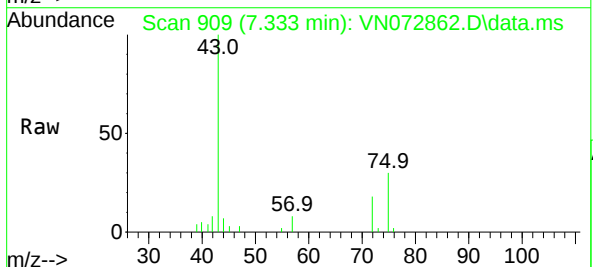
Acq: 15 Jun 2022 04:20

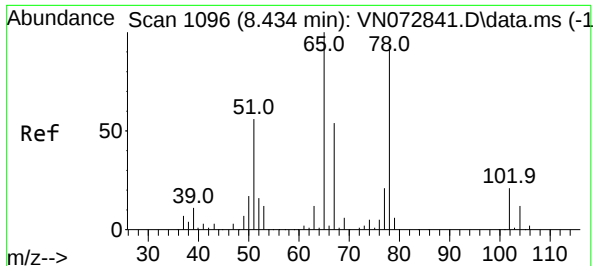
Tgt Ion: 43 Resp: 23979

Ion Ratio Lower Upper

43 100

72 17.9 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 43.450 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072862.D

Acq: 15 Jun 2022 04:20

Instrument :

MSVOA_N

ClientSampleId :

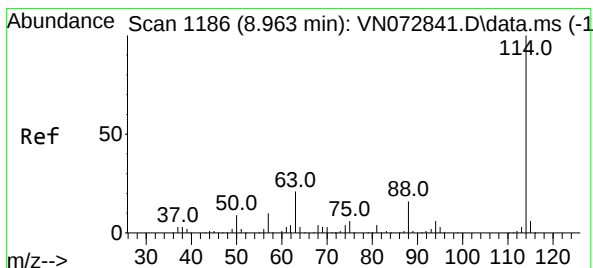
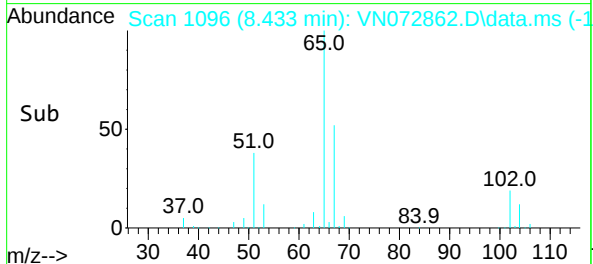
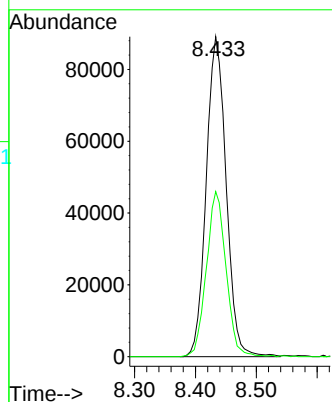
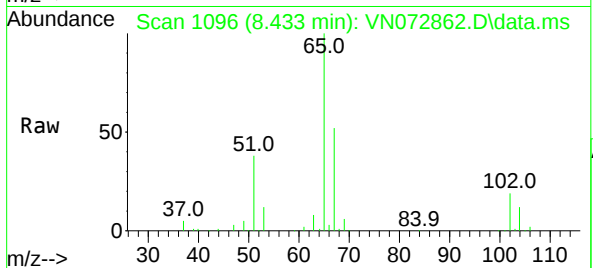
PALMYRA-RT-73-COMP-3

Tgt Ion: 65 Resp: 202626

Ion Ratio Lower Upper

65 100

67 50.8 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: VN072862.D

Acq: 15 Jun 2022 04:20

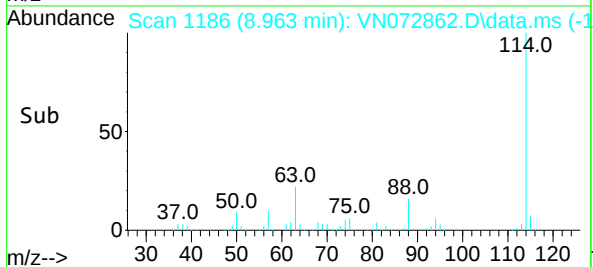
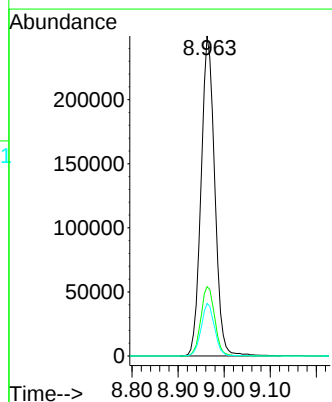
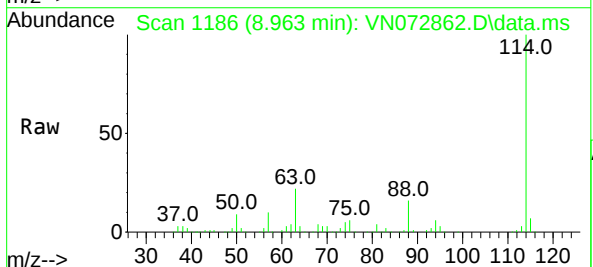
Tgt Ion: 114 Resp: 516818

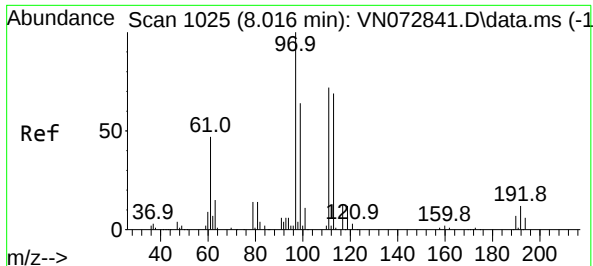
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.4 0.0 32.6

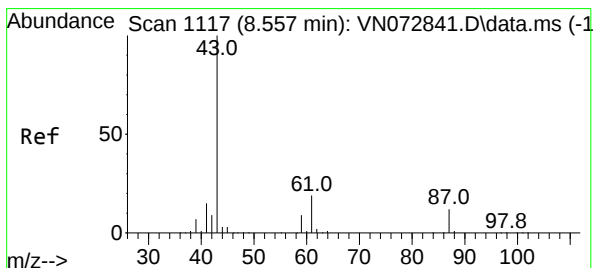
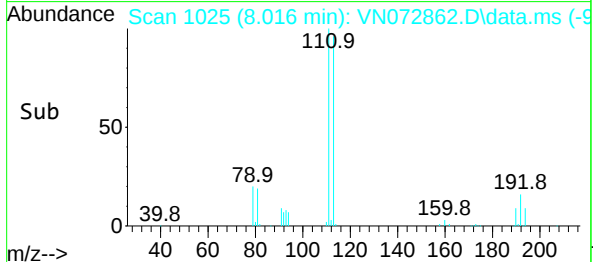
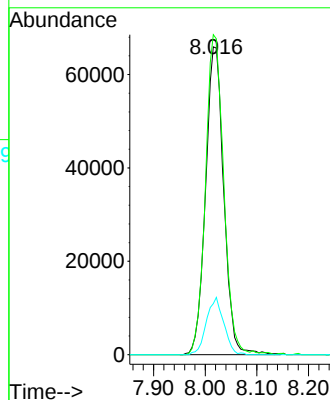
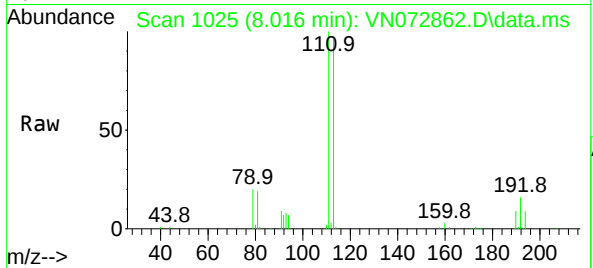




#35
Dibromofluoromethane
Concen: 50.384 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

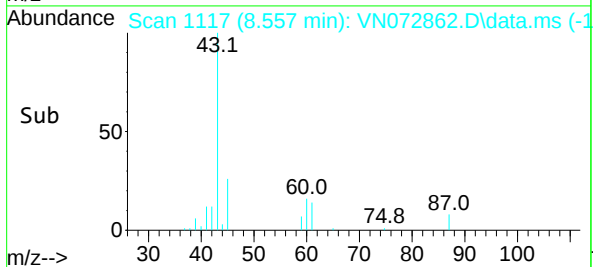
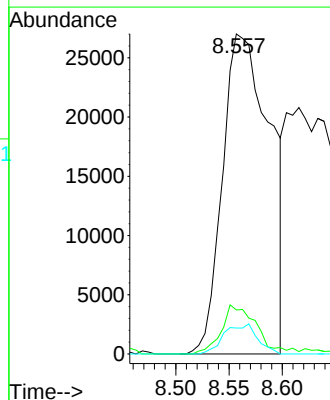
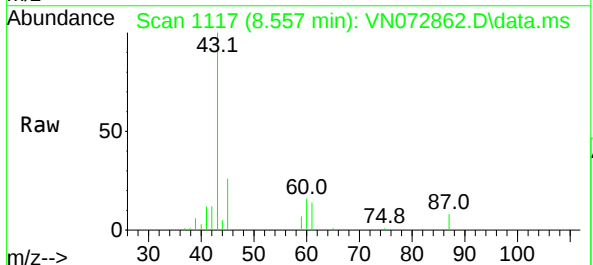
Instrument :
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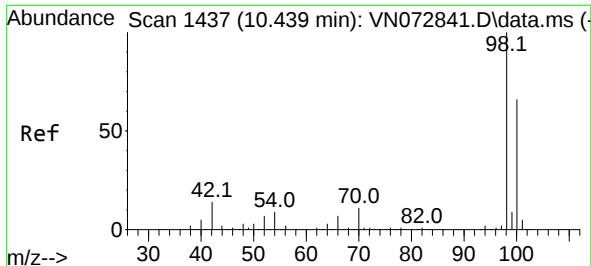
Tgt Ion:113 Resp: 161217
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 17.8 17.0 25.6



#43
Isopropyl Acetate
Concen: 7.891 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 43 Resp: 83825
Ion Ratio Lower Upper
43 100
61 11.4 21.9 32.9#
87 6.5 12.0 18.0#

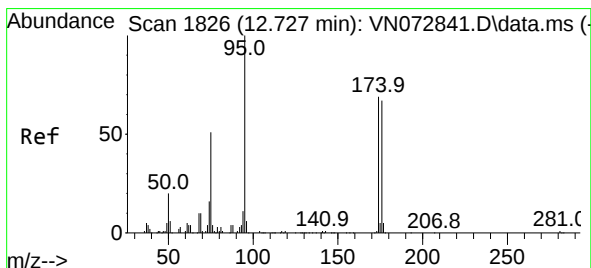
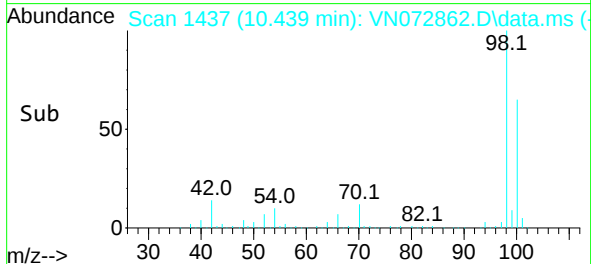
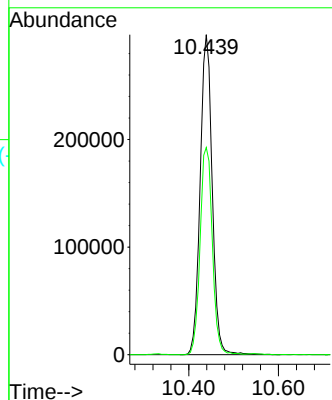
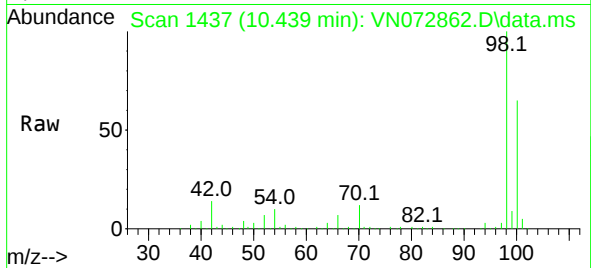




#50
Toluene-d8
Concen: 43.742 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

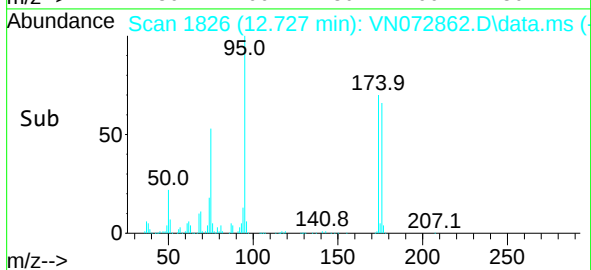
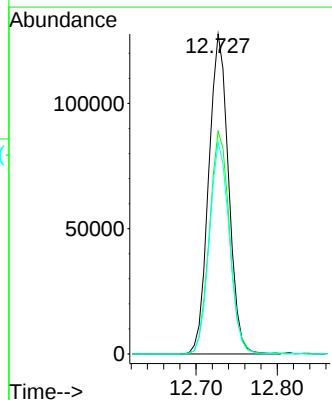
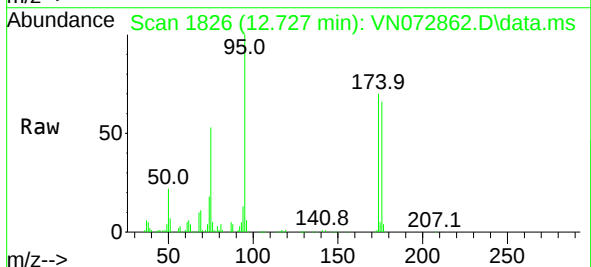
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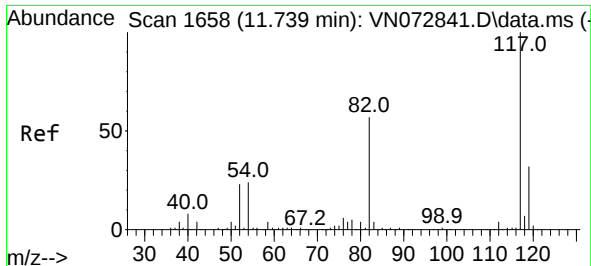
Tgt Ion: 98 Resp: 552360
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.171 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion: 95 Resp: 216908
Ion Ratio Lower Upper
95 100
174 70.5 0.0 167.6
176 66.6 0.0 163.4

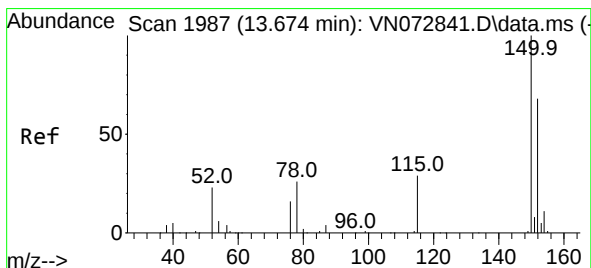
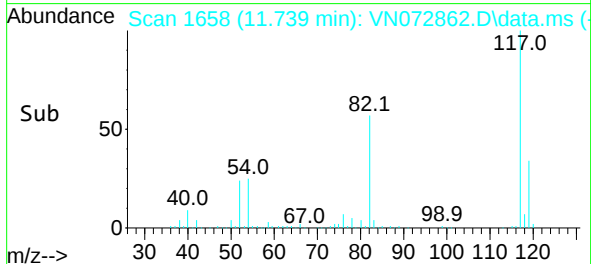
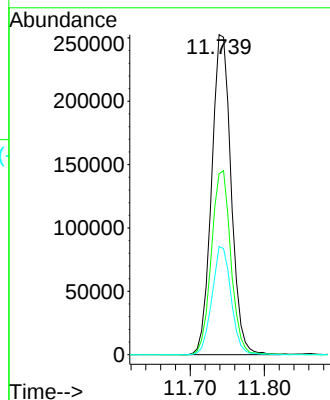
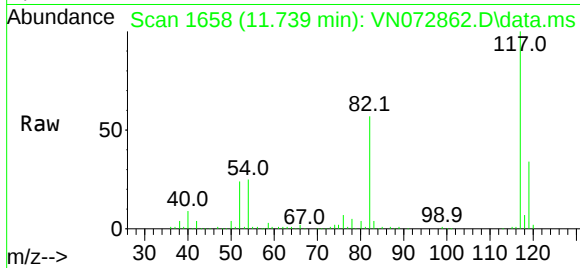




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072862.D
Acq: 15 Jun 2022 04:20

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

Tgt Ion:117 Resp: 461378
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 33.8 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: VN072862.D
Acq: 15 Jun 2022 04:20

Tgt Ion:152 Resp: 178430
Ion Ratio Lower Upper
152 100
115 61.5 28.9 86.7
150 157.7 0.0 356.2

