

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072934.D
 Acq On : 18 Jun 2022 12:54
 Operator : JC\MD
 Sample : N3329-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PALMYRA-RT-73-COMP-1RE

Quant Time: Jun 20 08:03:35 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)

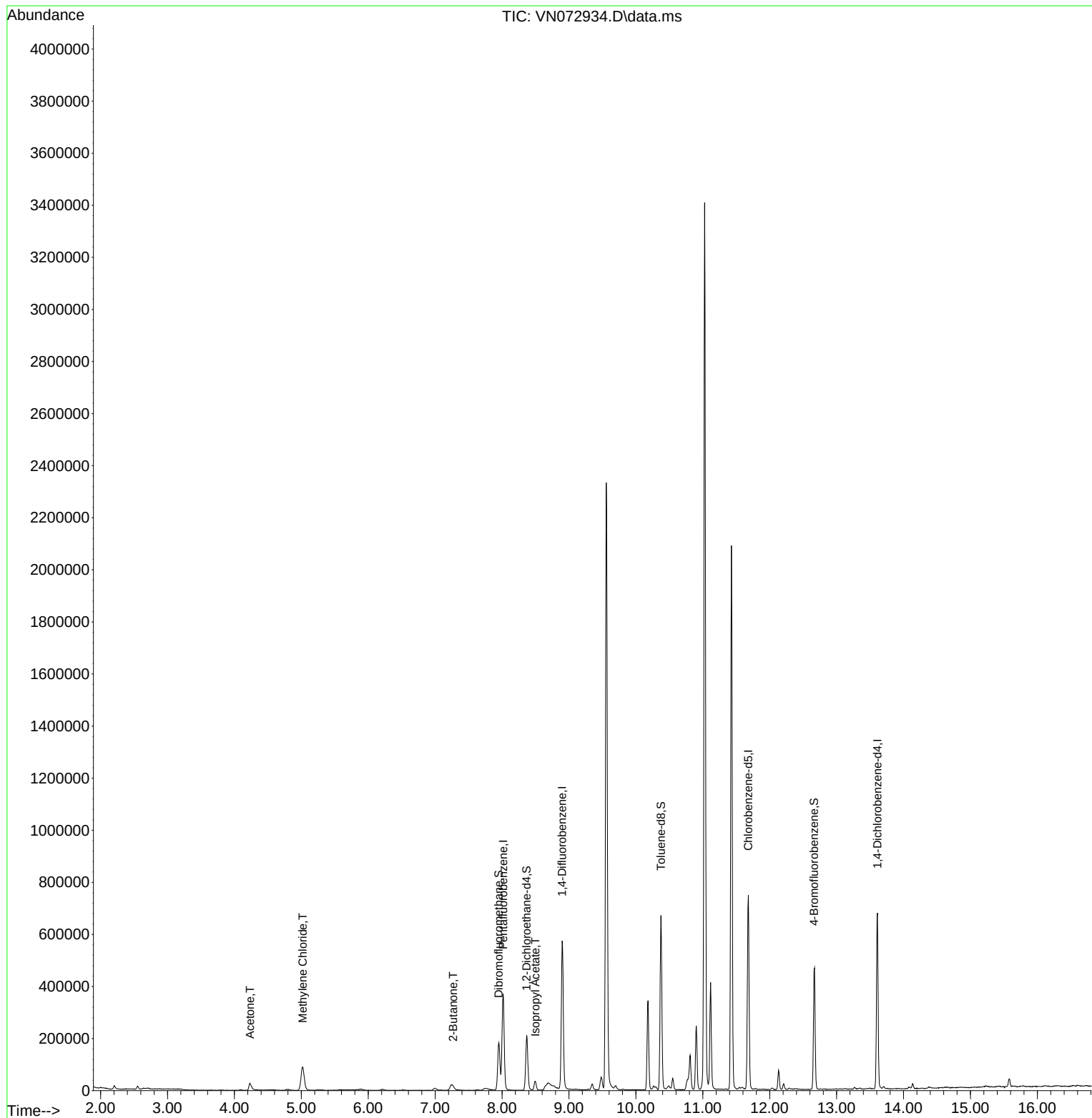
Internal Standards						
1) Pentafluorobenzene	8.016	168	290465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	516411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	443335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	188121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	174946	44.549	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.100%
35) Dibromofluoromethane	7.951	113	138457	43.378	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.760%
50) Toluene-d8	10.374	98	455478	38.349	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	76.700%#
62) 4-Bromofluorobenzene	12.663	95	160529	37.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	75.180%#
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	50376	23.337	ug/l	89
20) Methylene Chloride	5.022	84	76913	22.840	ug/l	96
25) 2-Butanone	7.269	43	22935	6.695	ug/l #	88
43) Isopropyl Acetate	8.498	43	42871	4.341	ug/l #	88

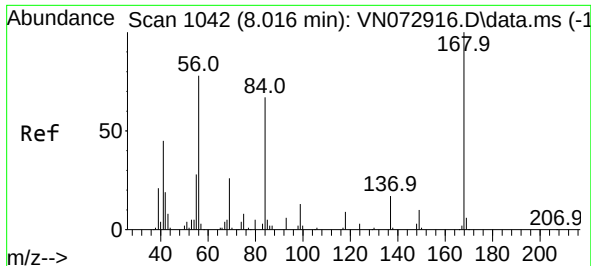
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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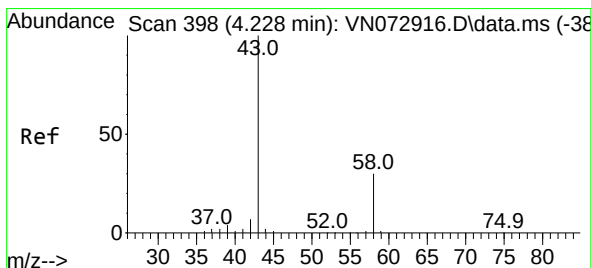
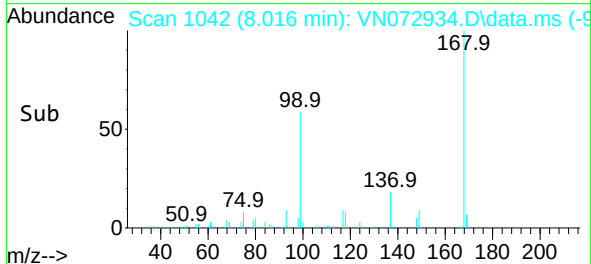
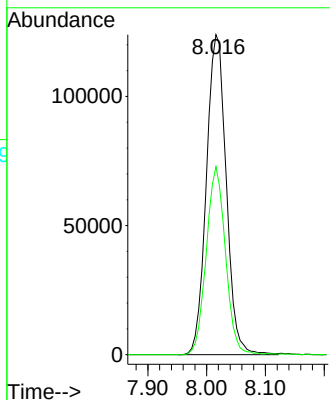
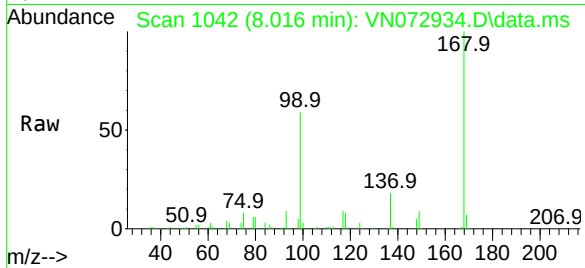




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072934.D
Acq: 18 Jun 2022 12:54

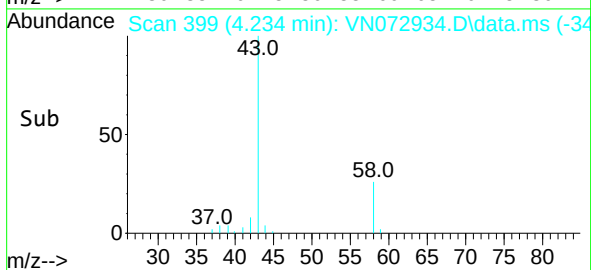
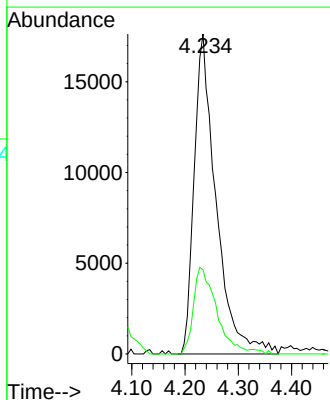
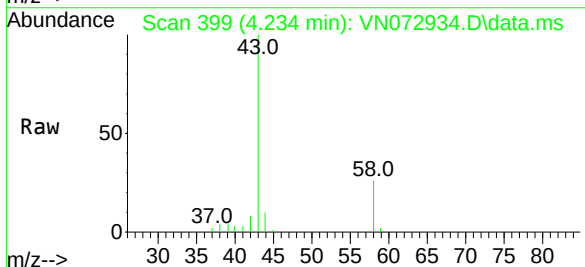
Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-1RE

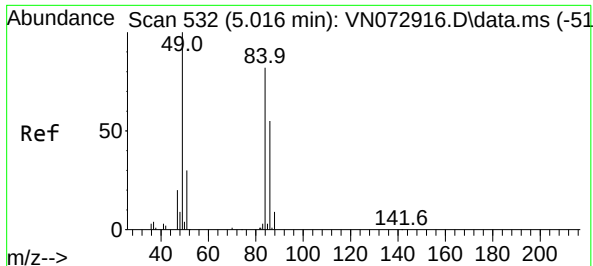
Tgt Ion:168 Resp: 290465
Ion Ratio Lower Upper
168 100
99 58.8 42.3 63.5



#16
Acetone
Concen: 23.337 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN072934.D
Acq: 18 Jun 2022 12:54

Tgt Ion: 43 Resp: 50376
Ion Ratio Lower Upper
43 100
58 26.3 26.0 39.0





#20

Methylene Chloride

Concen: 22.840 ug/l

RT: 5.022 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN072934.D

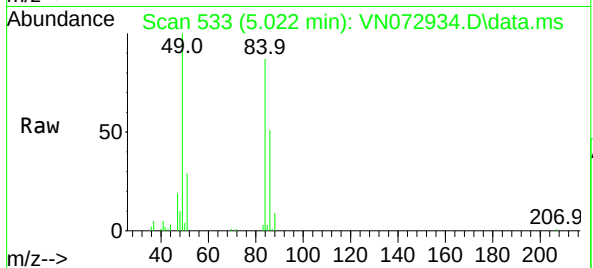
Acq: 18 Jun 2022 12:54

Instrument :

MSVOA_N

ClientSampleId :

PALMYRA-RT-73-COMP-1RE



Tgt Ion: 84 Resp: 76913

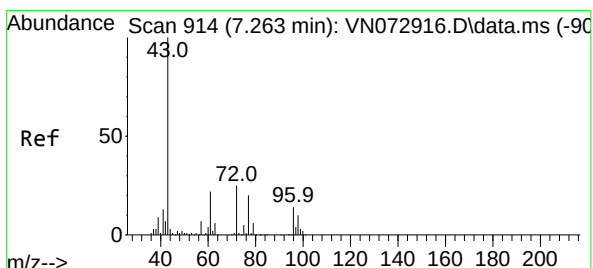
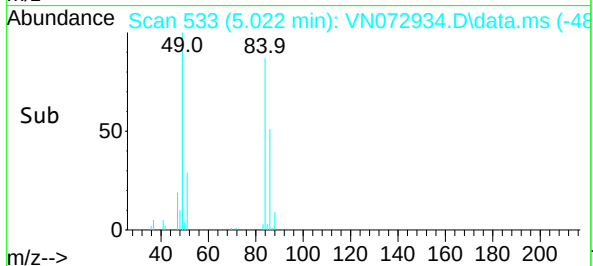
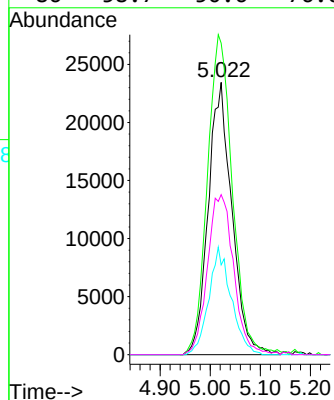
Ion Ratio Lower Upper

84 100

49 114.4 88.3 132.5

51 33.0 28.2 42.2

86 58.7 50.6 76.0



#25

2-Butanone

Concen: 6.695 ug/l

RT: 7.269 min Scan# 915

Delta R.T. 0.006 min

Lab File: VN072934.D

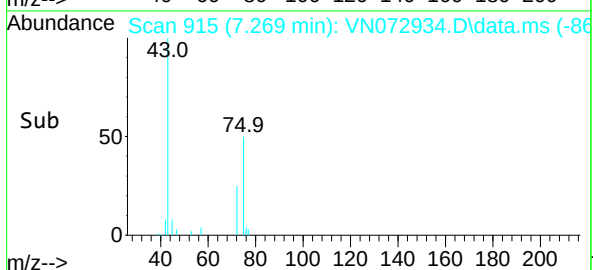
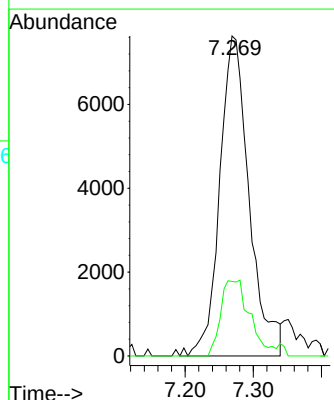
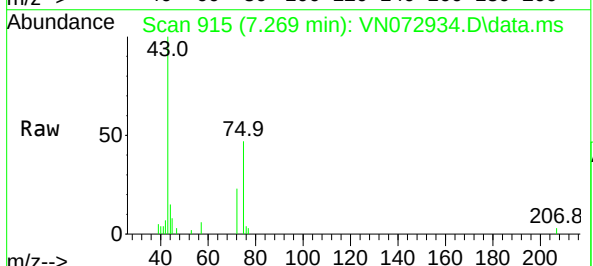
Acq: 18 Jun 2022 12:54

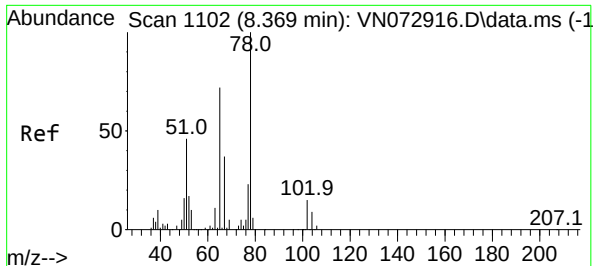
Tgt Ion: 43 Resp: 22935

Ion Ratio Lower Upper

43 100

72 23.3 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 44.549 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN072934.D

Acq: 18 Jun 2022 12:54

Instrument :

MSVOA_N

ClientSampleId :

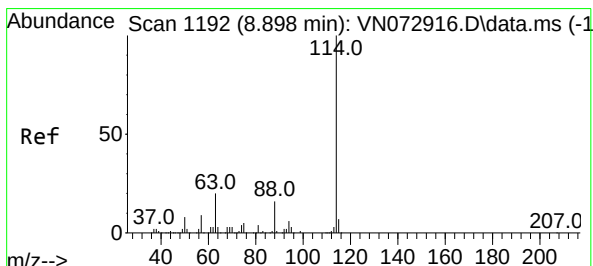
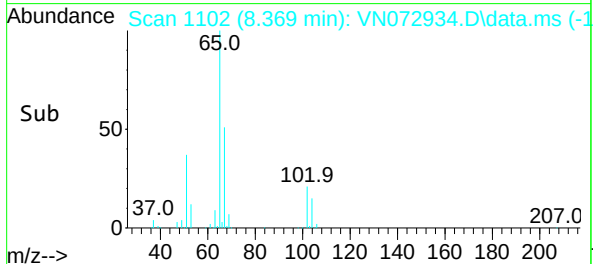
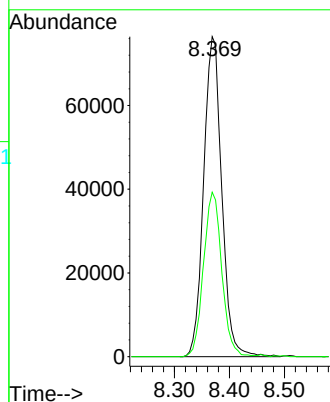
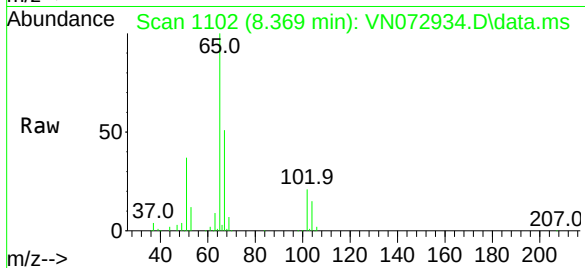
PALMYRA-RT-73-COMP-1RE

Tgt Ion: 65 Resp: 174946

Ion Ratio Lower Upper

65 100

67 51.8 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: VN072934.D

Acq: 18 Jun 2022 12:54

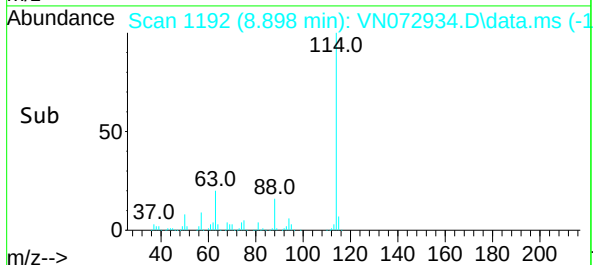
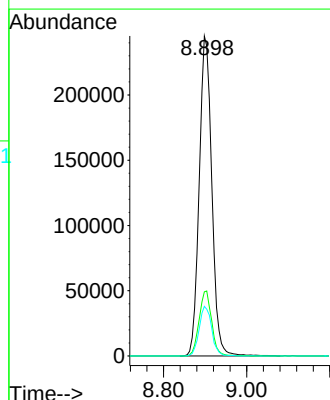
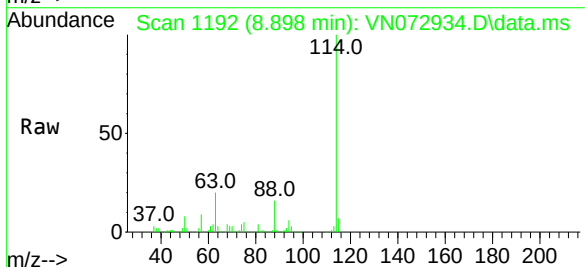
Tgt Ion: 114 Resp: 516411

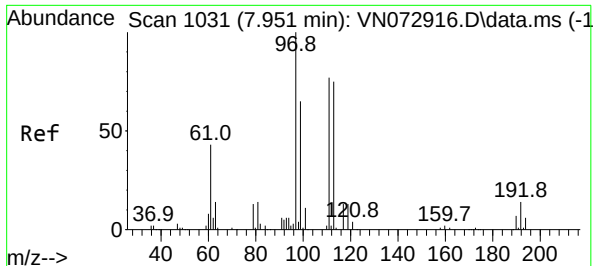
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 43.378 ug/l

RT: 7.951 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN072934.D

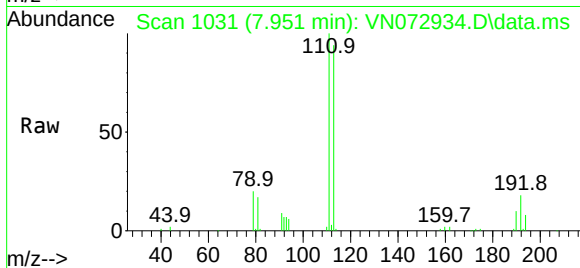
Acq: 18 Jun 2022 12:54

Instrument :

MSVOA_N

ClientSampleId :

PALMYRA-RT-73-COMP-1RE



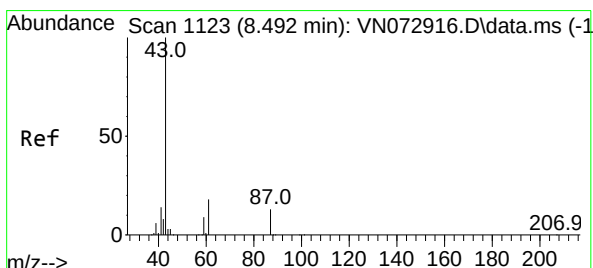
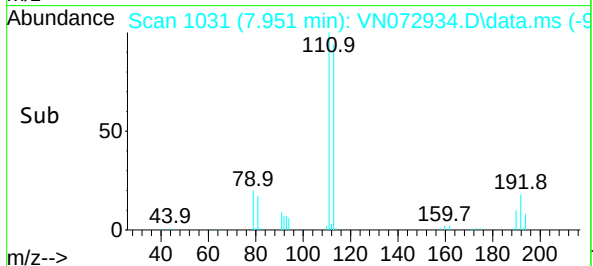
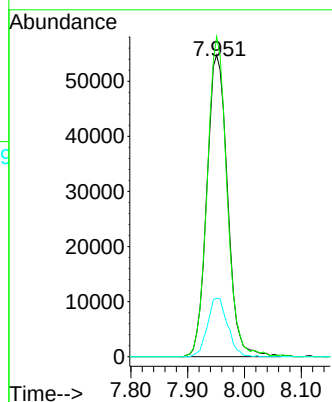
Tgt Ion:113 Resp: 138457

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 18.8 17.0 25.6



#43

Isopropyl Acetate

Concen: 4.341 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN072934.D

Acq: 18 Jun 2022 12:54

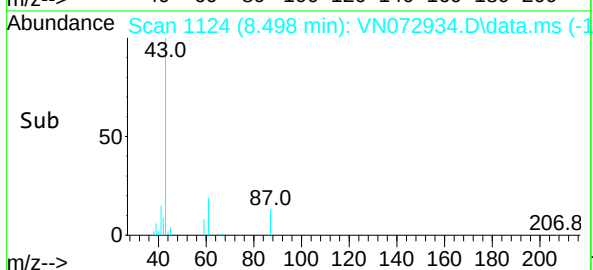
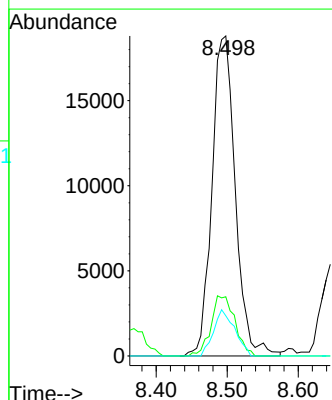
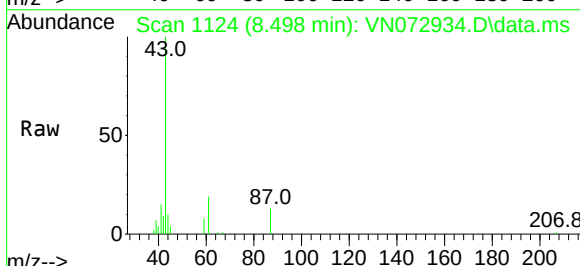
Tgt Ion: 43 Resp: 42871

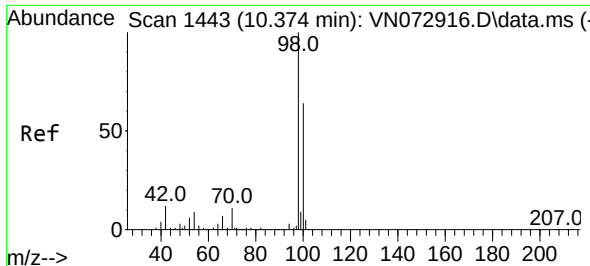
Ion Ratio Lower Upper

43 100

61 19.3 21.9 32.9#

87 13.0 12.0 18.0

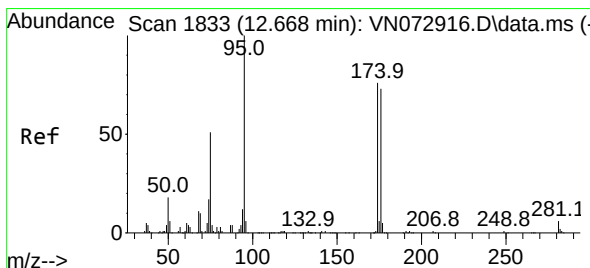
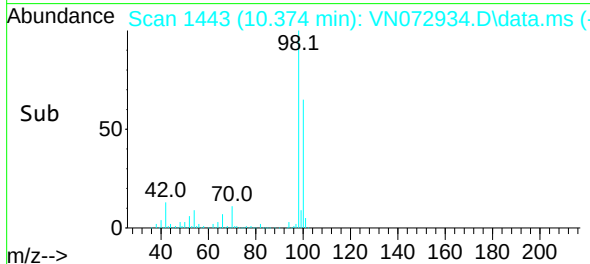
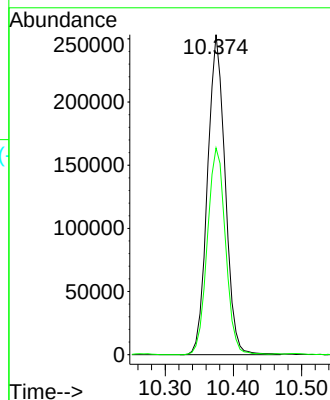
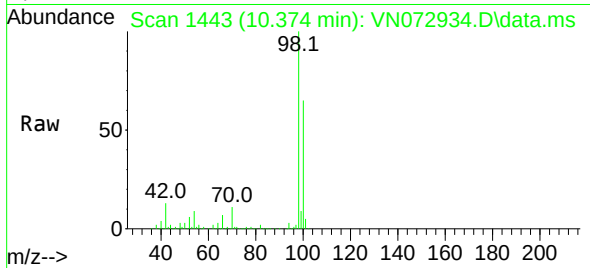




#50
Toluene-d8
Concen: 38.349 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN072934.D
Acq: 18 Jun 2022 12:54

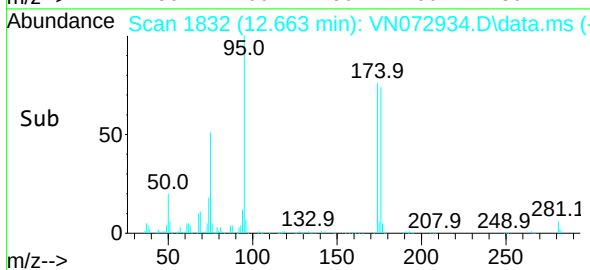
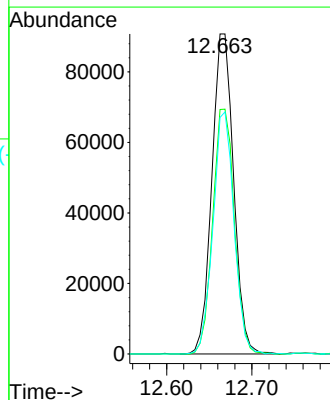
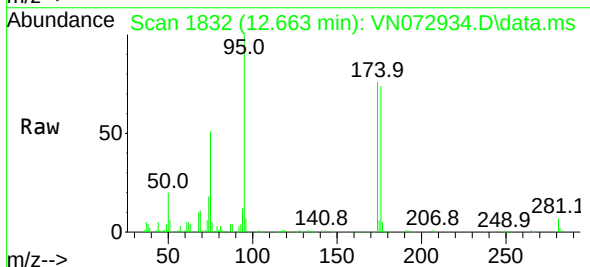
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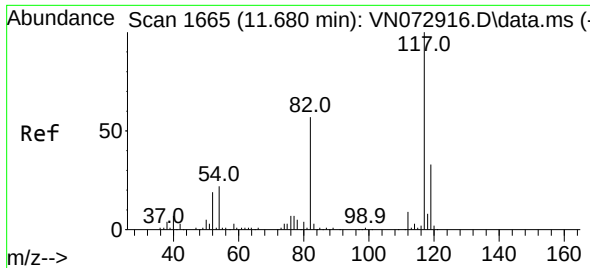
Tgt Ion: 98 Resp: 455478
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 37.587 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072934.D
Acq: 18 Jun 2022 12:54

Tgt Ion: 95 Resp: 160529
Ion Ratio Lower Upper
95 100
174 76.2 0.0 167.6
176 73.2 0.0 163.4

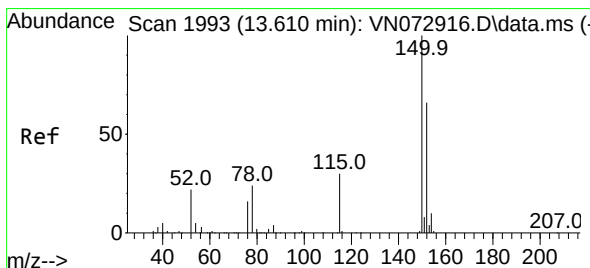
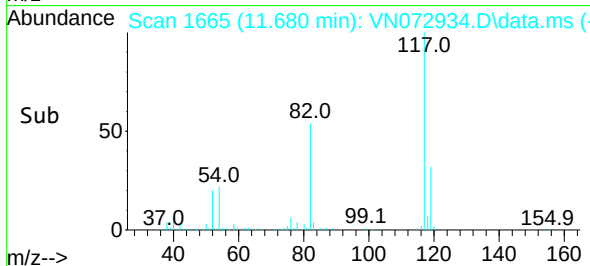
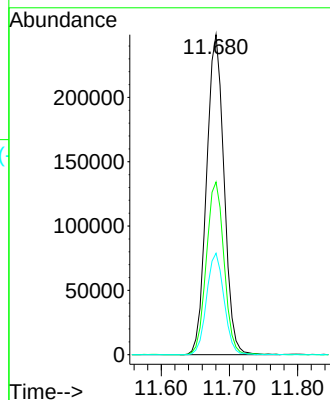
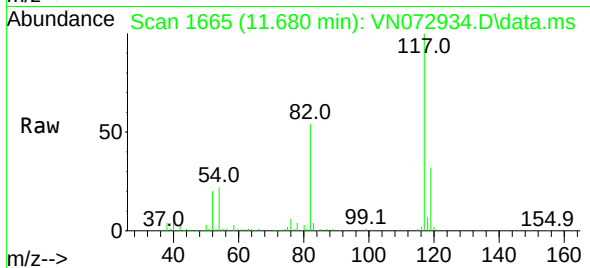




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072934.D
Acq: 18 Jun 2022 12:54

Instrument :
MSVOA_N
ClientSampleId :
PALMYRA-RT-73-COMP-1RE

Tgt Ion:117 Resp: 443335
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.7 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: VN072934.D
Acq: 18 Jun 2022 12:54

Tgt Ion:152 Resp: 188121
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.7
150 156.9 0.0 356.2

