

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069283.D
 Acq On : 29 Oct 2021 6:26
 Operator : JC/MD
 Sample : M4366-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1520-1521

Quant Time: Oct 29 07:58:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

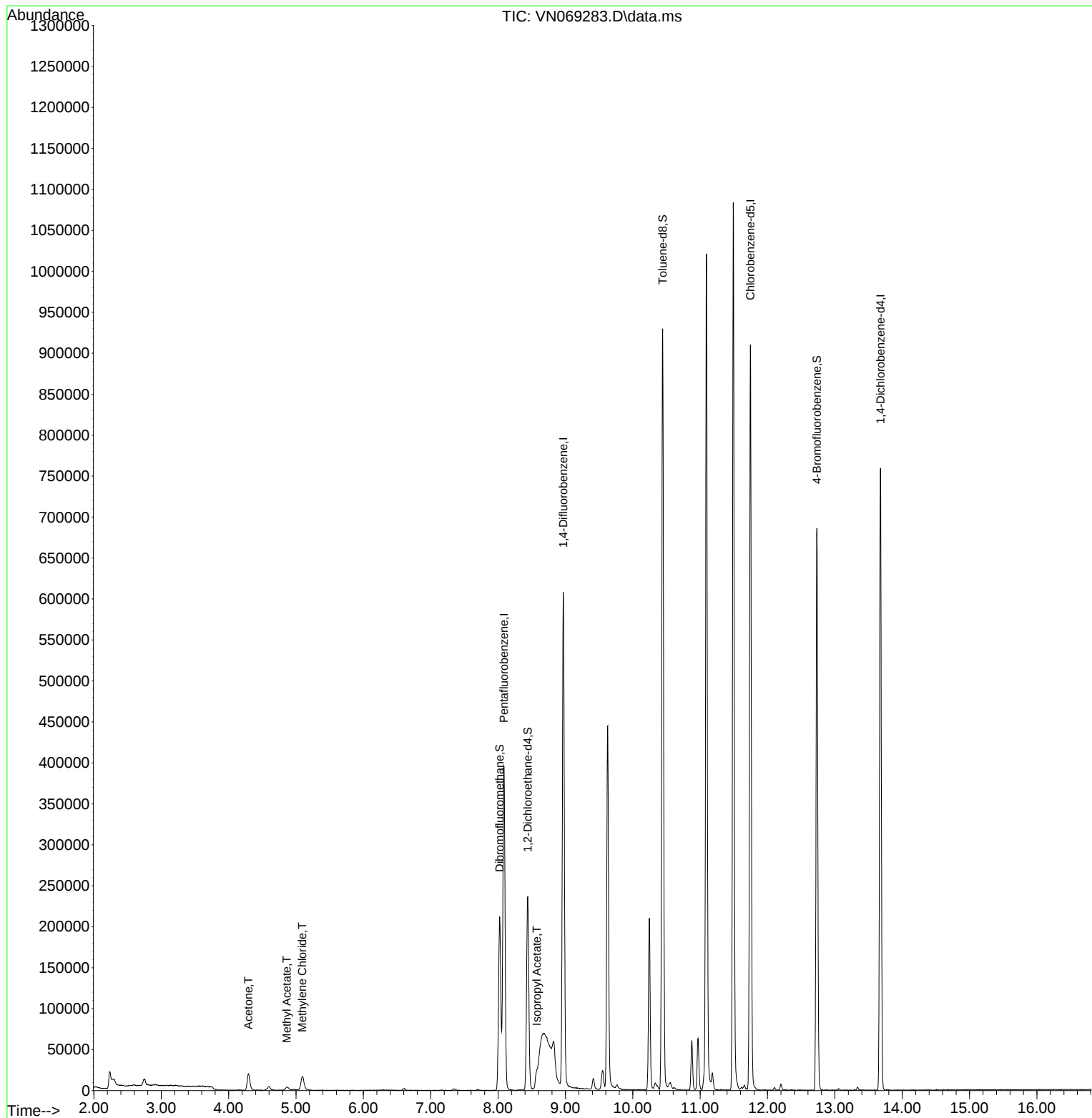
Internal Standards						
1) Pentafluorobenzene	8.088	168	299708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	535872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	532976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	207788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	201859	46.657	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.320%
35) Dibromofluoromethane	8.024	113	153426	45.930	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.860%
50) Toluene-d8	10.443	98	671814	50.300	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.733	95	244544	48.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.040%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	37389	20.284	ug/l	96
18) Methyl Acetate	4.862	43	8727	1.393	ug/l	97
20) Methylene Chloride	5.093	84	13962	3.949	ug/l	97
43) Isopropyl Acetate	8.574	43	23529	2.998	ug/l #	88

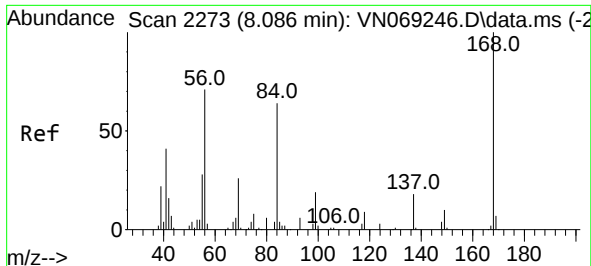
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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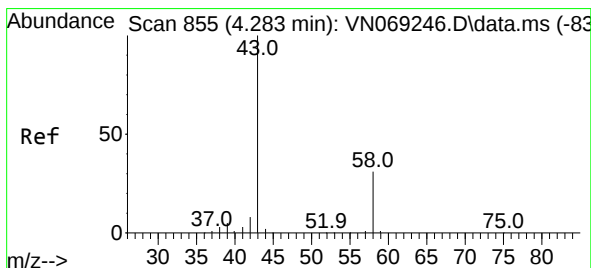
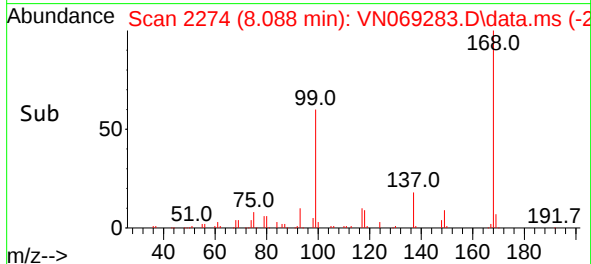
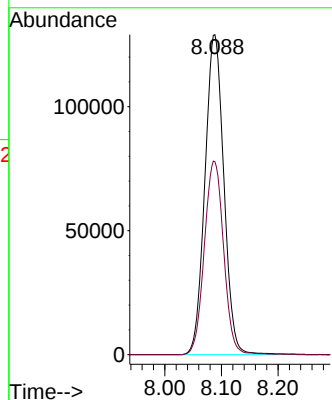
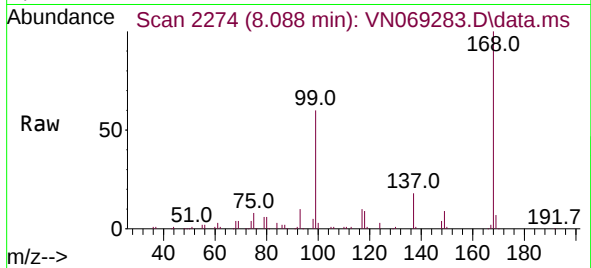




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069283.D
Acq: 29 Oct 2021 6:26

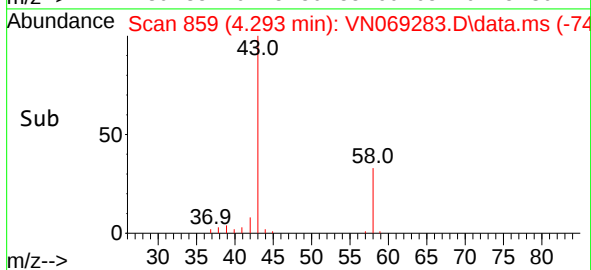
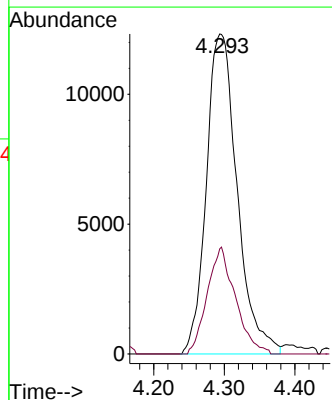
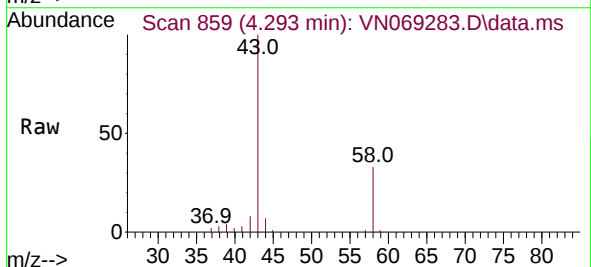
Instrument :
MSVOA_N
ClientSampleId :
1520-1521

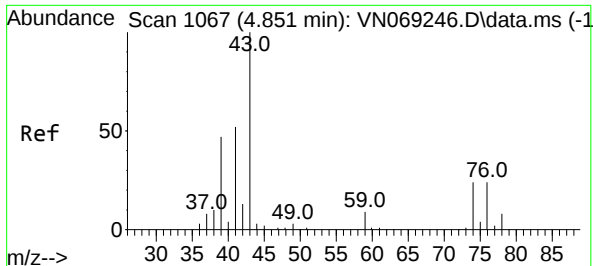
Tgt Ion:168 Resp: 299708
Ion Ratio Lower Upper
168 100
99 60.3 48.9 73.3



#16
Acetone
Concen: 20.284 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.010 min
Lab File: VN069283.D
Acq: 29 Oct 2021 6:26

Tgt Ion: 43 Resp: 37389
Ion Ratio Lower Upper
43 100
58 32.9 24.5 36.7





#18

Methyl Acetate

Concen: 1.393 ug/l

RT: 4.862 min Scan# 1157

Delta R.T. 0.011 min

Lab File: VN069283.D

Acq: 29 Oct 2021 6:26

Instrument :

MSVOA_N

ClientSampleId :

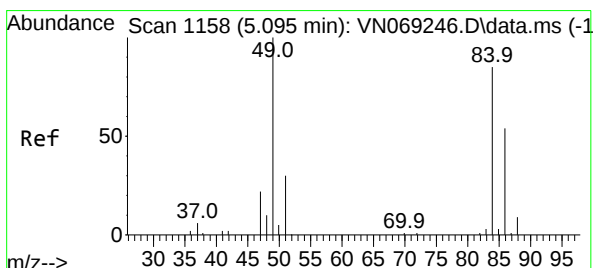
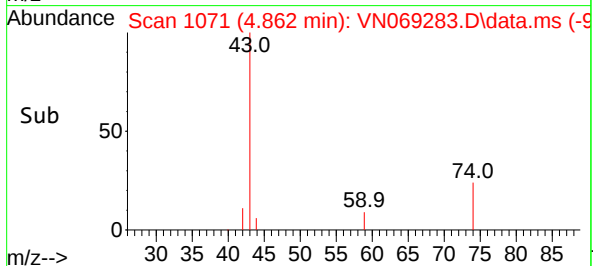
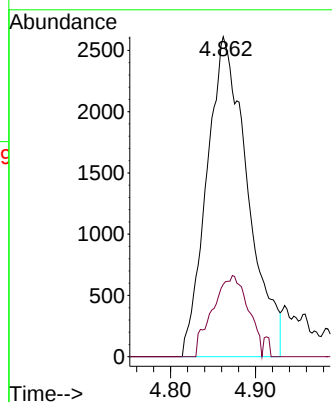
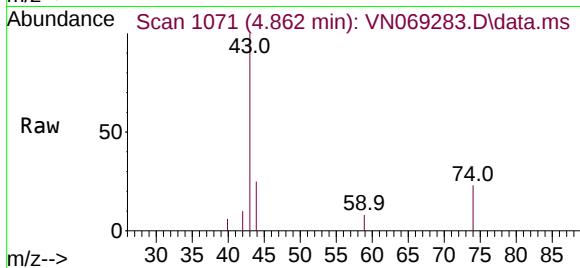
1520-1521

Tgt Ion: 43 Resp: 8727

Ion Ratio Lower Upper

43 100

74 22.0 18.9 28.3



#20

Methylene Chloride

Concen: 3.949 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. -0.002 min

Lab File: VN069283.D

Acq: 29 Oct 2021 6:26

Tgt Ion: 84 Resp: 13962

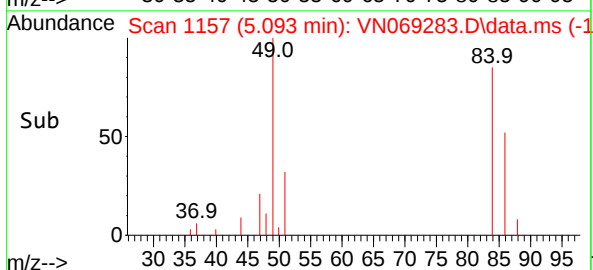
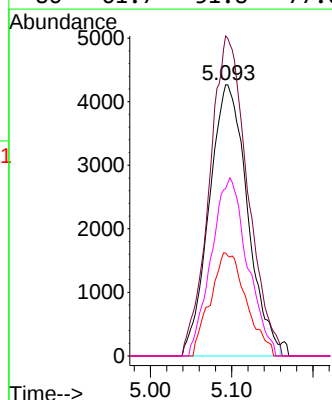
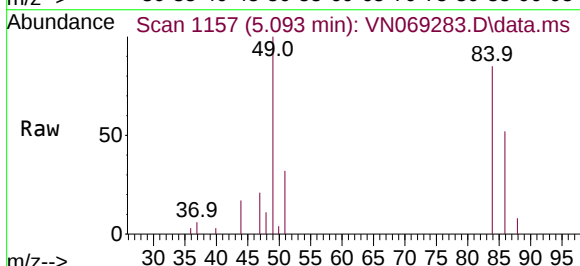
Ion Ratio Lower Upper

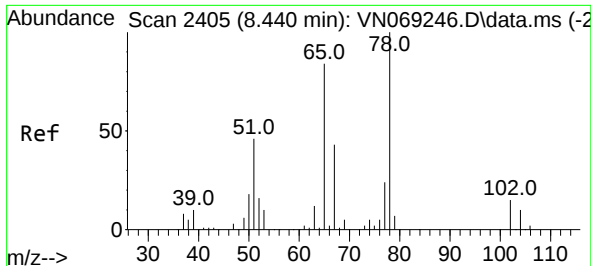
84 100

49 118.0 97.6 146.4

51 38.0 30.3 45.5

86 61.7 51.8 77.6

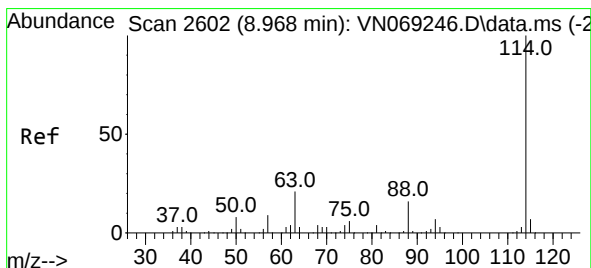
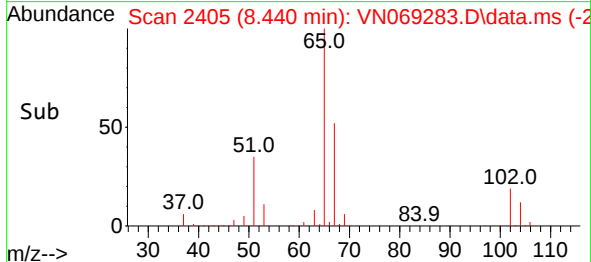
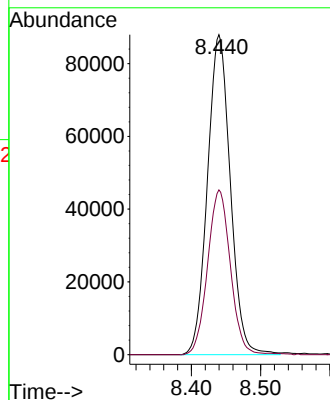
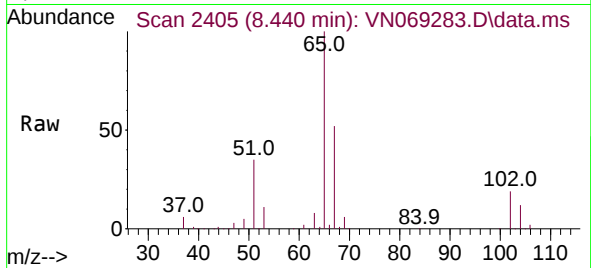




#33
 1,2-Dichloroethane-d4
 Concen: 46.657 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069283.D
 Acq: 29 Oct 2021 6:26

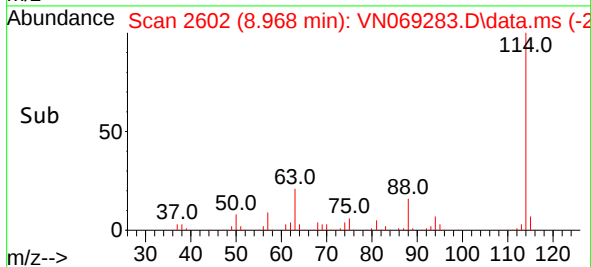
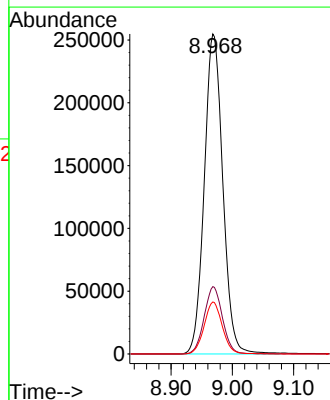
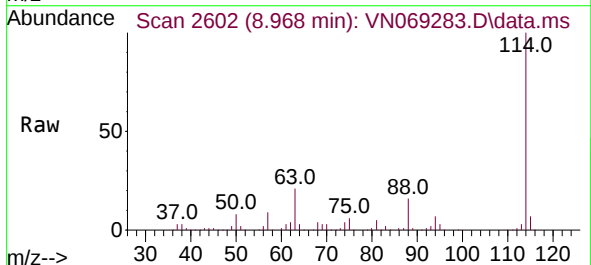
Instrument :
 MSVOA_N
 ClientSampleId :
 1520-1521

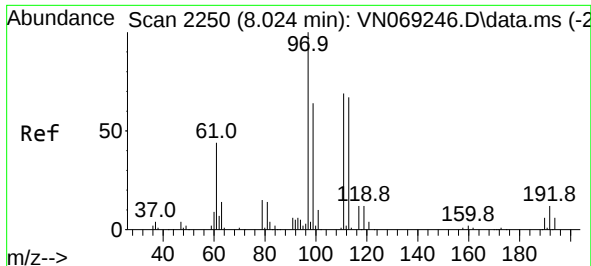
Tgt Ion: 65 Resp: 201859
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069283.D
 Acq: 29 Oct 2021 6:26

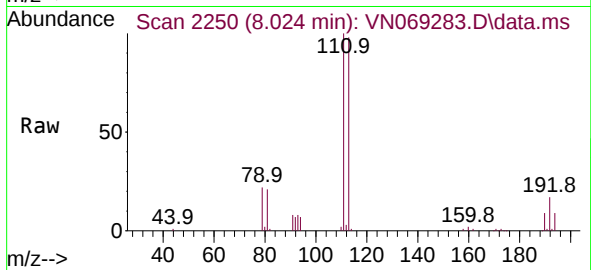
Tgt Ion: 114 Resp: 535872
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.6
 88 16.2 0.0 32.0



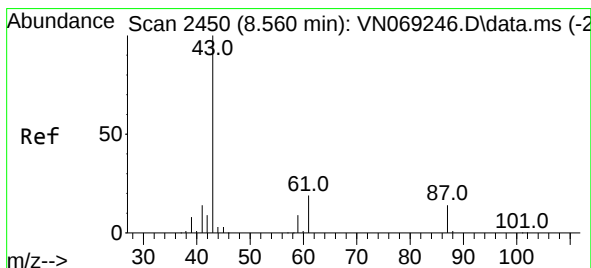
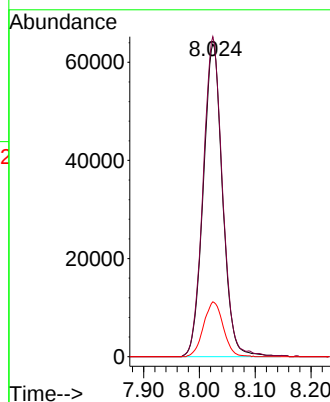
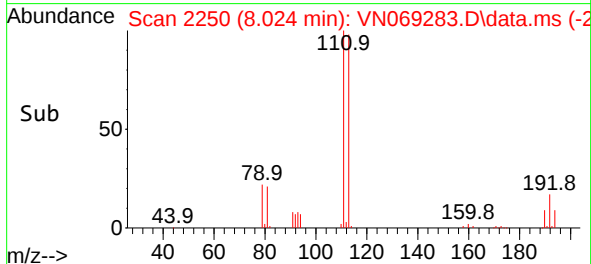


#35
Dibromofluoromethane
Concen: 45.930 ug/l
RT: 8.024 min Scan# 21520-1521
Delta R.T. -0.000 min
Lab File: VN069283.D
Acq: 29 Oct 2021 6:26

Instrument :
MSVOA_N
ClientSampleId :
1520-1521

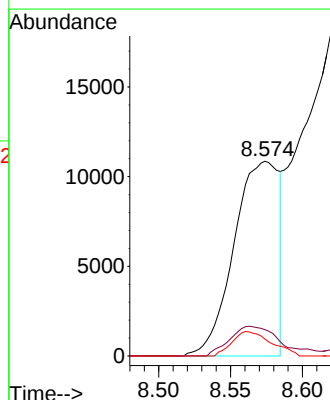
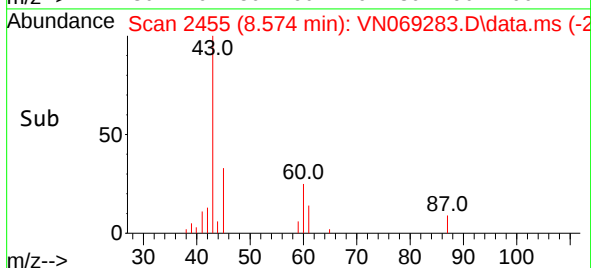
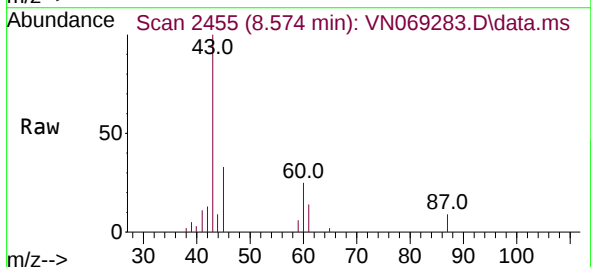


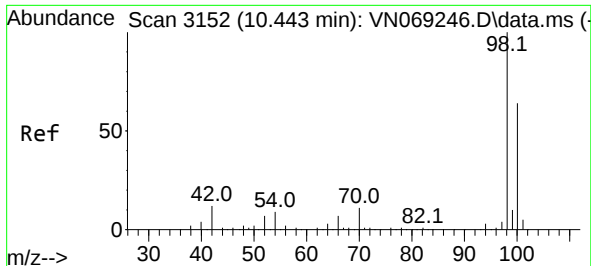
Tgt Ion:113 Resp: 153426
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 18.0 15.0 22.4



#43
Isopropyl Acetate
Concen: 2.998 ug/l
RT: 8.574 min Scan# 2455
Delta R.T. 0.014 min
Lab File: VN069283.D
Acq: 29 Oct 2021 6:26

Tgt Ion: 43 Resp: 23529
Ion Ratio Lower Upper
43 100
61 17.5 20.4 30.6#
87 11.0 10.7 16.1

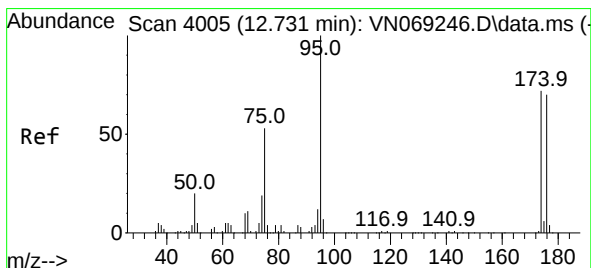
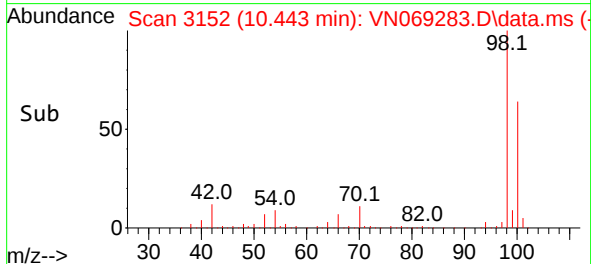
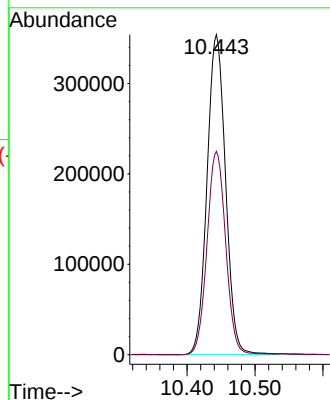
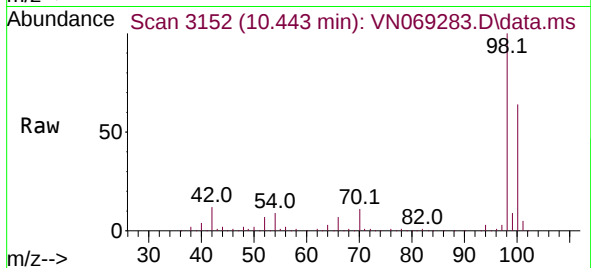




#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069283.D
Acq: 29 Oct 2021 6:26

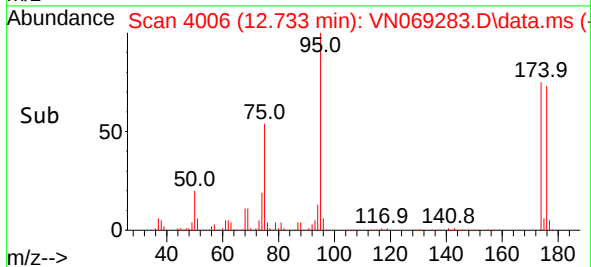
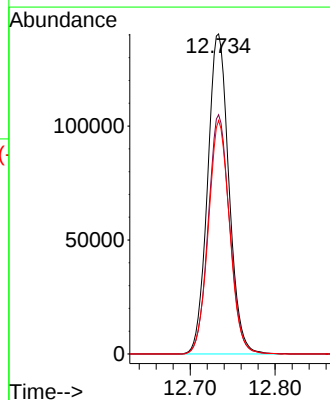
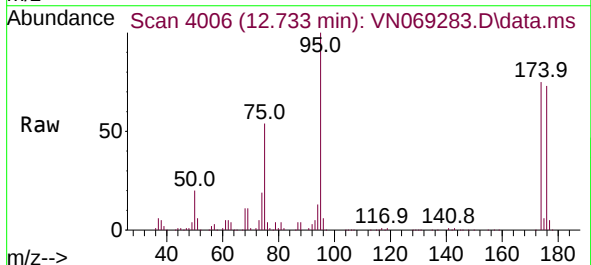
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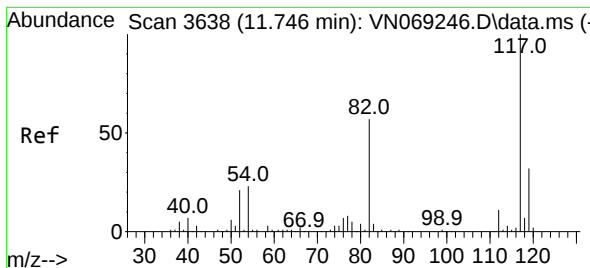
Tgt Ion: 98 Resp: 671814
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.521 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069283.D
Acq: 29 Oct 2021 6:26

Tgt Ion: 95 Resp: 244544
Ion Ratio Lower Upper
95 100
174 75.0 0.0 144.8
176 72.6 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VN069283.D

Acq: 29 Oct 2021 6:26

Instrument :

MSVOA_N

ClientSampleId :

1520-1521

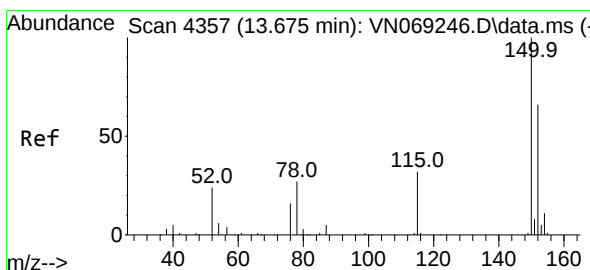
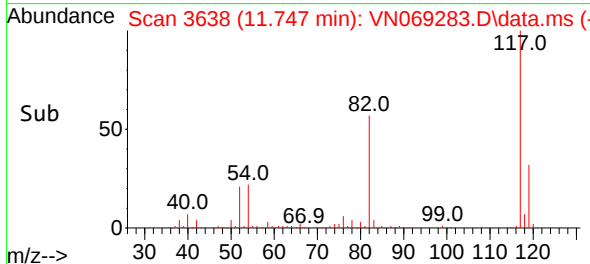
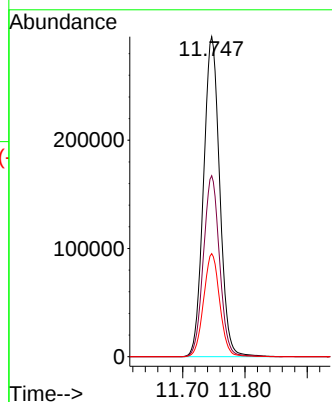
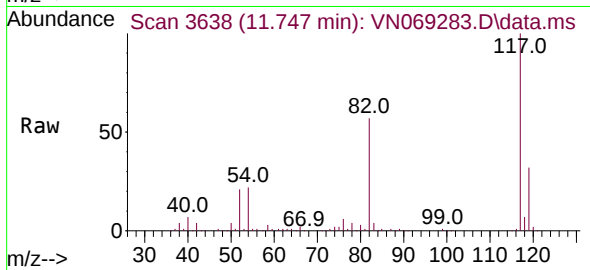
Tgt Ion:117 Resp: 532976

Ion Ratio Lower Upper

117 100

82 56.6 46.4 69.6

119 32.2 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 4358

Delta R.T. 0.003 min

Lab File: VN069283.D

Acq: 29 Oct 2021 6:26

Tgt Ion:152 Resp: 207788

Ion Ratio Lower Upper

152 100

115 62.8 31.4 94.3

150 156.9 0.0 351.0

