

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076835.D
 Acq On : 28 Feb 2023 18:09
 Operator : JC\MD
 Sample : 01703-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-STONE

Quant Time: Mar 01 01:31:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

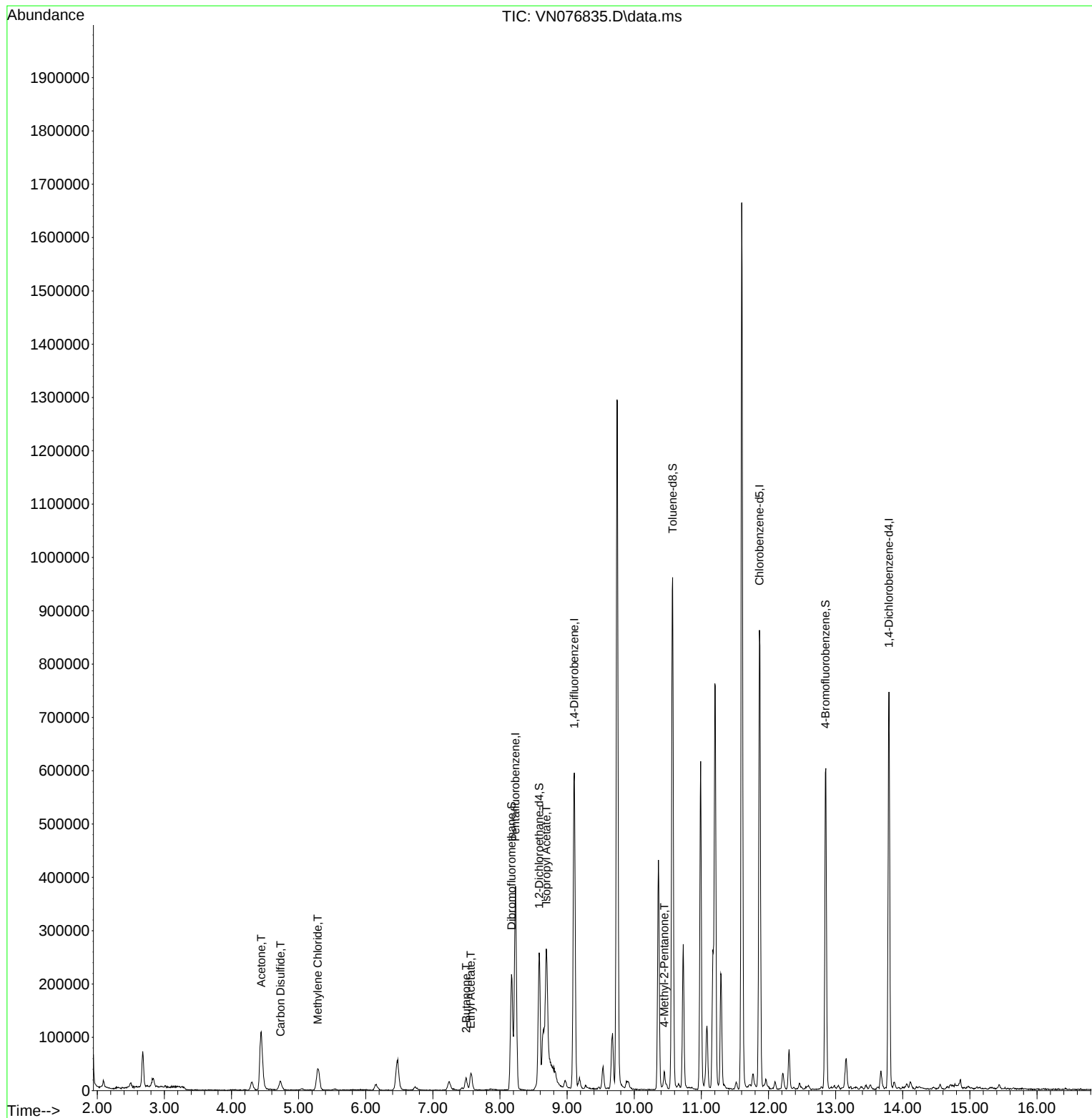
Internal Standards						
1) Pentafluorobenzene	8.230	168	264925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	498461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	477946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	185415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	195461	53.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.860%	
35) Dibromofluoromethane	8.172	113	153139	46.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.820%	
50) Toluene-d8	10.571	98	637249	52.273	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.540%	
62) 4-Bromofluorobenzene	12.848	95	197119	48.820	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.640%	
Target Compounds						
						Qvalue
16) Acetone	4.442	43	212868	130.267	ug/l	96
17) Carbon Disulfide	4.731	76	27800	3.850	ug/l #	93
20) Methylene Chloride	5.284	84	29667	8.663	ug/l	95
25) 2-Butanone	7.495	43	35884	14.887	ug/l #	84
37) Ethyl Acetate	7.566	43	52689	10.618	ug/l	97
43) Isopropyl Acetate	8.689	43	483717	59.905	ug/l #	72
51) 4-Methyl-2-Pentanone	10.448	43	27150	5.285	ug/l	88

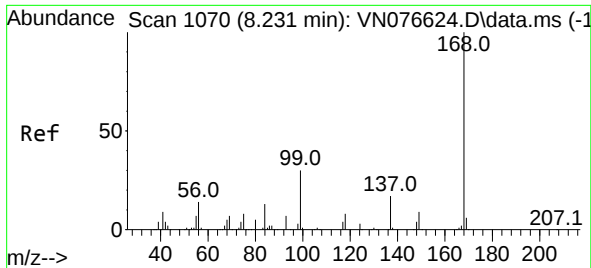
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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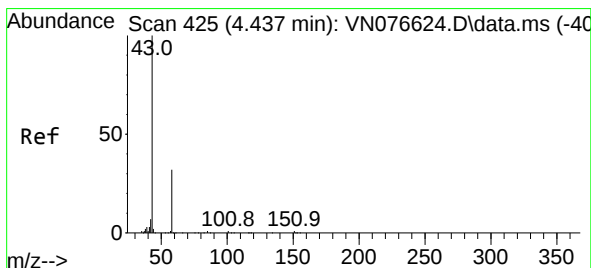
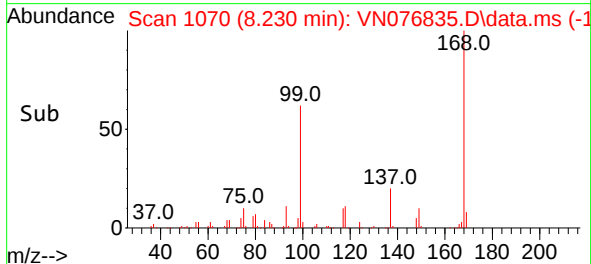
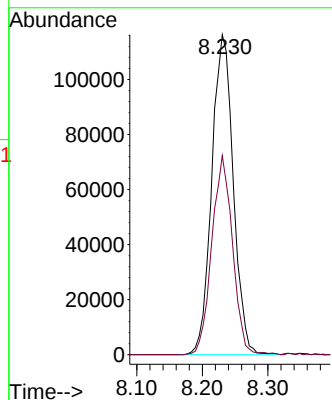
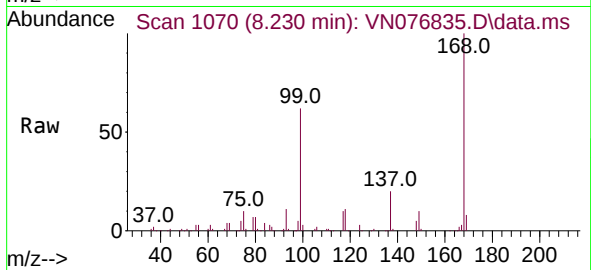




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076835.D
Acq: 28 Feb 2023 18:09

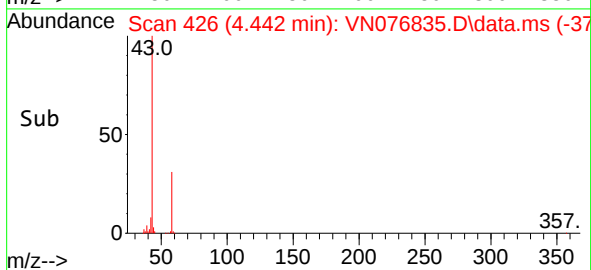
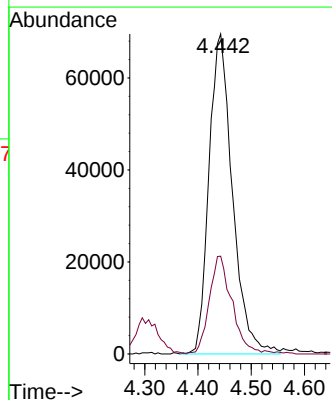
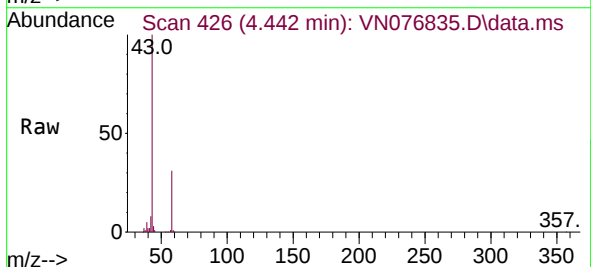
Instrument :
MSVOA_N
ClientSampleId :
T2-STONE

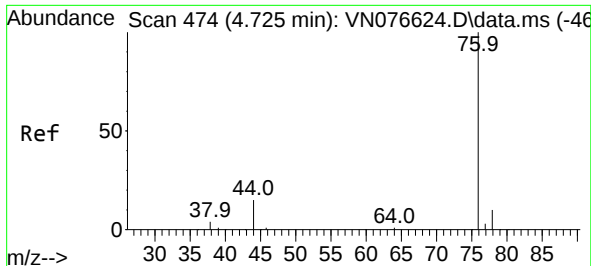
Tgt Ion:168 Resp: 264925
Ion Ratio Lower Upper
168 100
99 62.2 44.8 67.2



#16
Acetone
Concen: 130.267 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN076835.D
Acq: 28 Feb 2023 18:09

Tgt Ion: 43 Resp: 212868
Ion Ratio Lower Upper
43 100
58 30.0 25.9 38.9

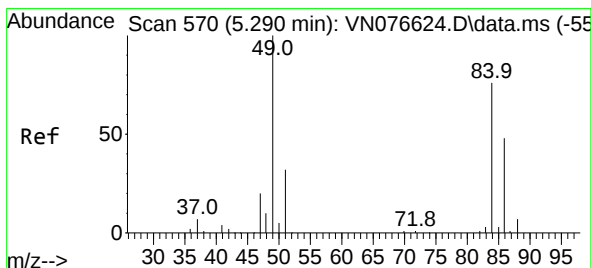
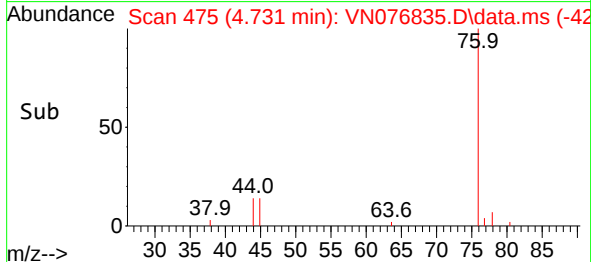
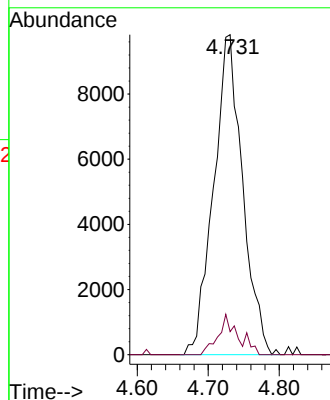
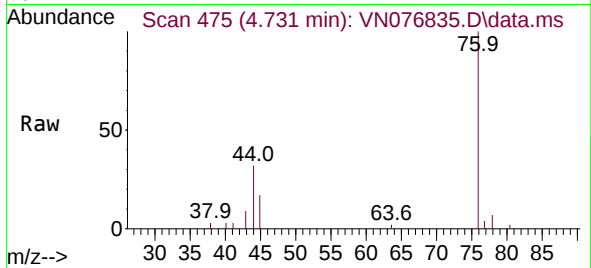




#17
Carbon Disulfide
Concen: 3.850 ug/l
RT: 4.731 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076835.D
Acq: 28 Feb 2023 18:09

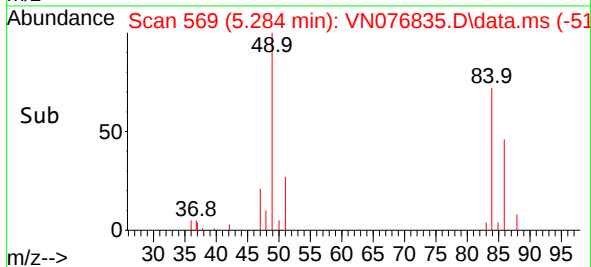
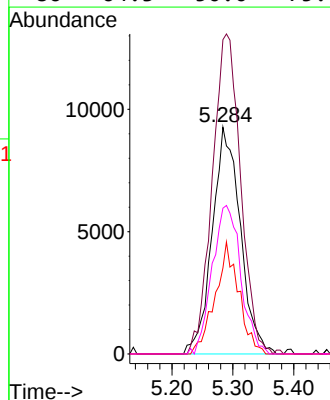
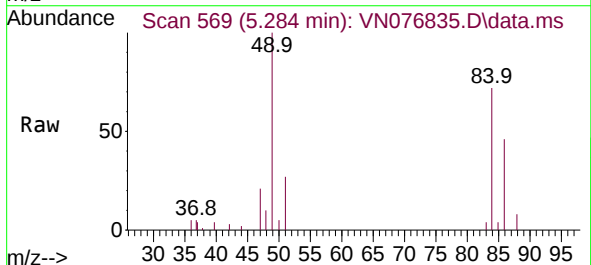
Instrument :
MSVOA_N
ClientSampleId :
T2-STONE

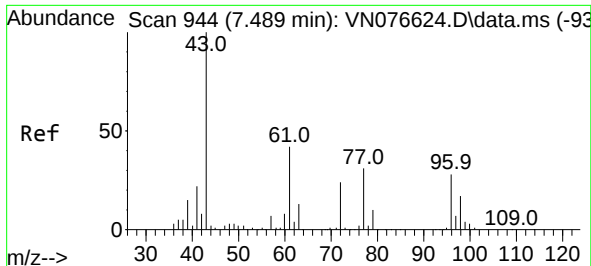
Tgt Ion: 76 Resp: 27800
Ion Ratio Lower Upper
76 100
78 7.2 7.8 11.8#



#20
Methylene Chloride
Concen: 8.663 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076835.D
Acq: 28 Feb 2023 18:09

Tgt Ion: 84 Resp: 29667
Ion Ratio Lower Upper
84 100
49 138.6 104.9 157.3
51 37.9 33.8 50.8
86 64.3 50.0 75.0

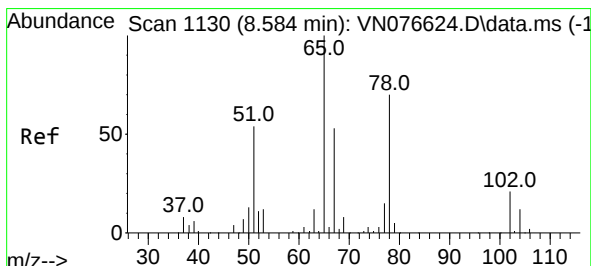
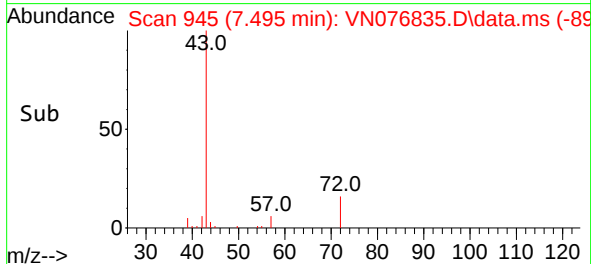
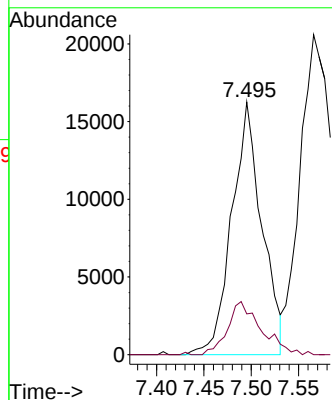
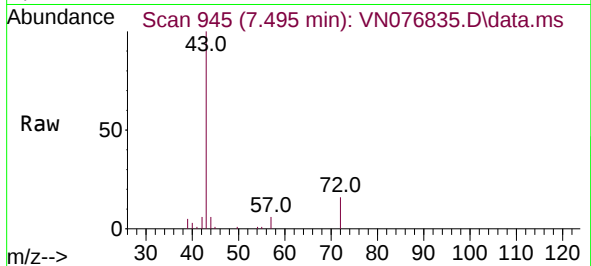




#25
2-Butanone
Concen: 14.887 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN076835.D
Acq: 28 Feb 2023 18:09

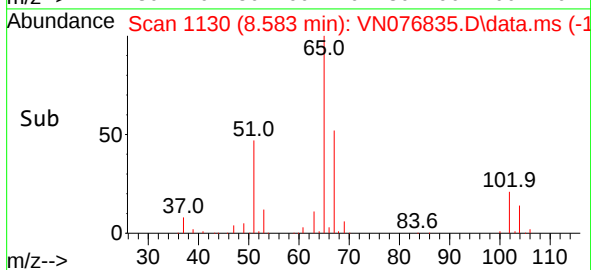
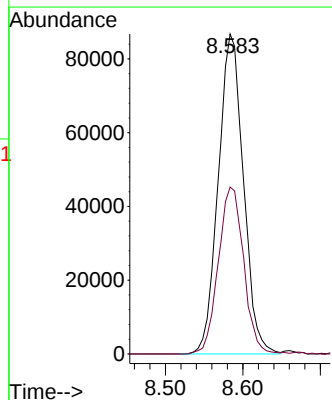
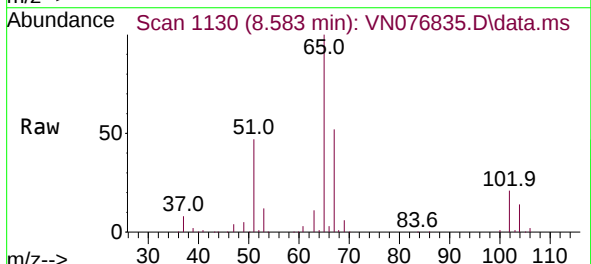
Instrument :
MSVOA_N
ClientSampleId :
T2-STONE

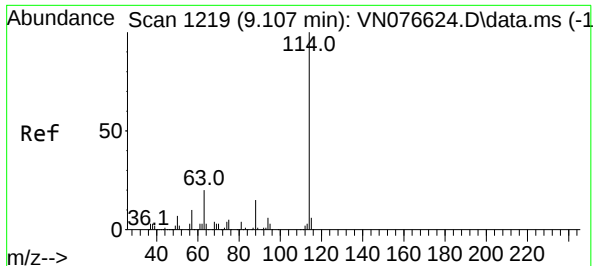
Tgt Ion: 43 Resp: 35884
Ion Ratio Lower Upper
43 100
72 16.1 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 53.431 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076835.D
Acq: 28 Feb 2023 18:09

Tgt Ion: 65 Resp: 195461
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076835.D

Acq: 28 Feb 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

T2-STONE

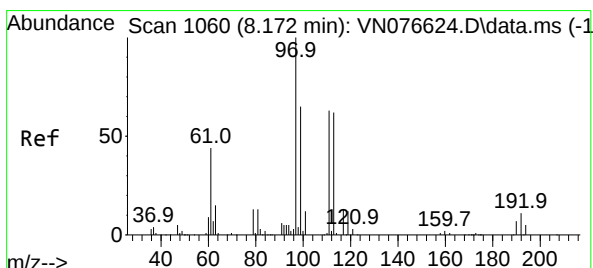
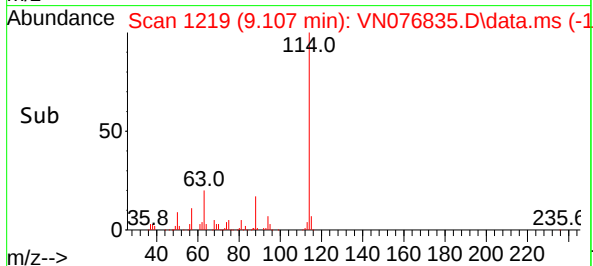
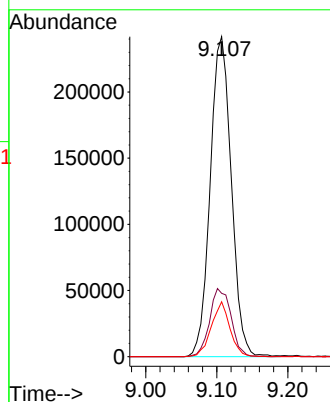
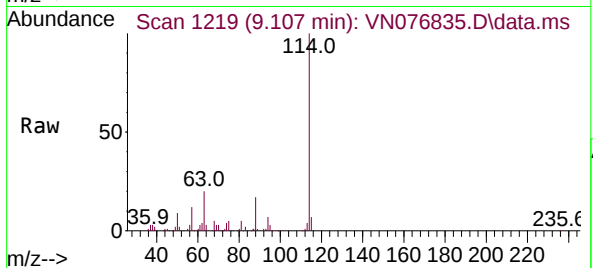
Tgt Ion:114 Resp: 498461

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 17.2 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.913 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076835.D

Acq: 28 Feb 2023 18:09

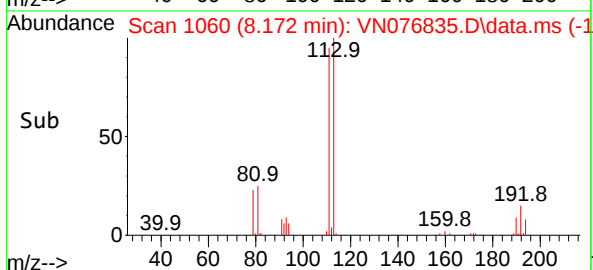
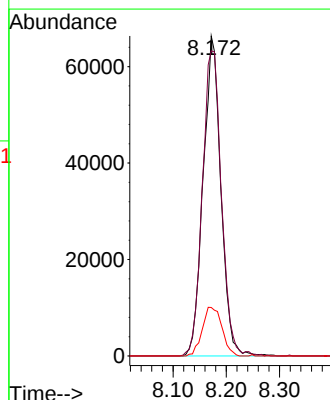
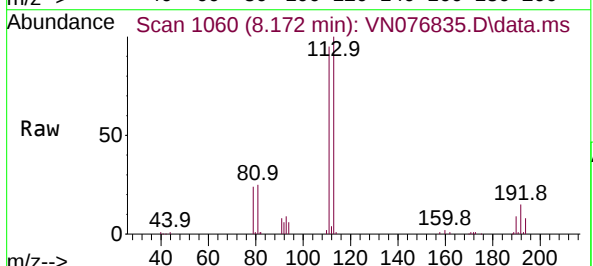
Tgt Ion:113 Resp: 153139

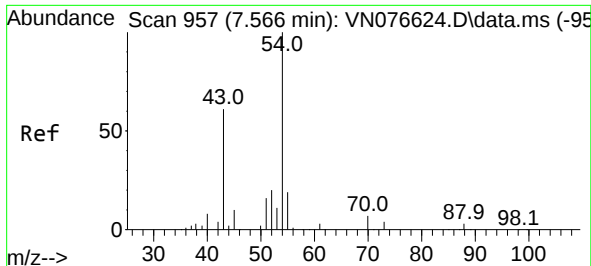
Ion Ratio Lower Upper

113 100

111 102.9 83.1 124.7

192 16.9 15.6 23.4





#37

Ethyl Acetate

Concen: 10.618 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076835.D

Acq: 28 Feb 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

T2-STONE

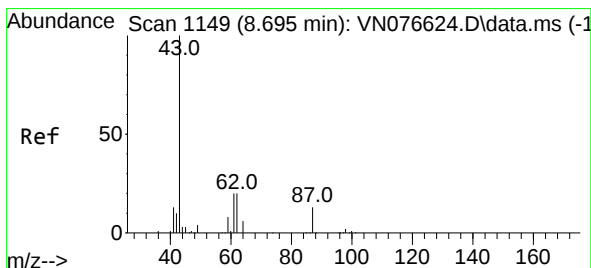
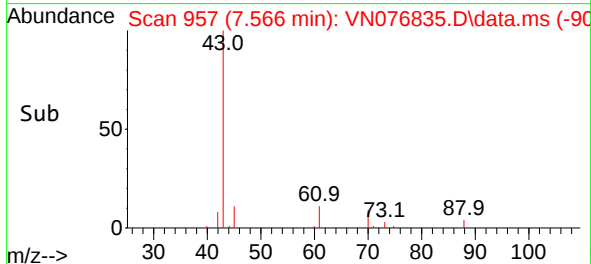
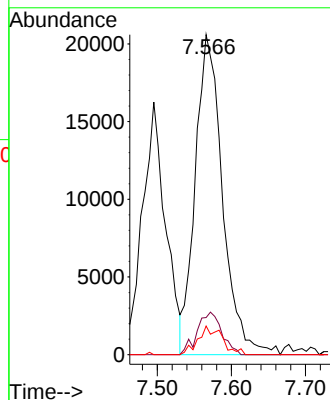
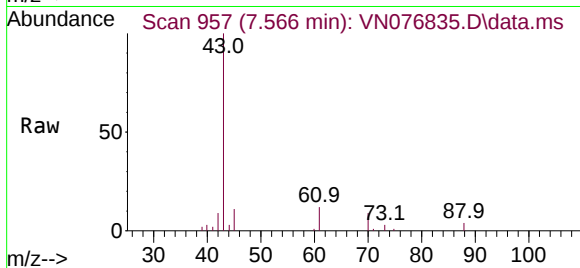
Tgt Ion: 43 Resp: 52689

Ion Ratio Lower Upper

43 100

61 12.0 9.9 14.9

70 7.8 7.8 11.6



#43

Isopropyl Acetate

Concen: 59.905 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN076835.D

Acq: 28 Feb 2023 18:09

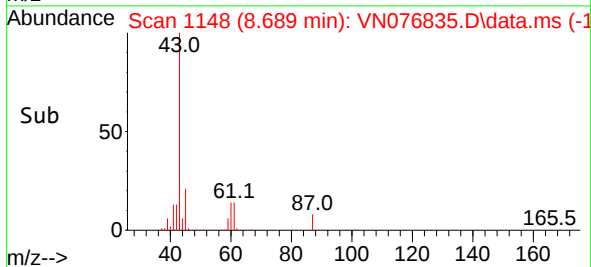
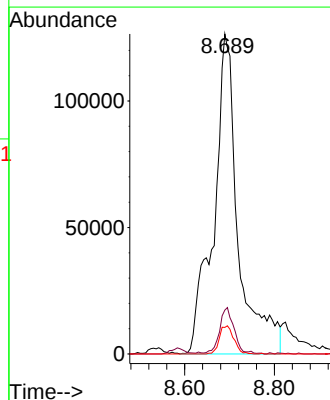
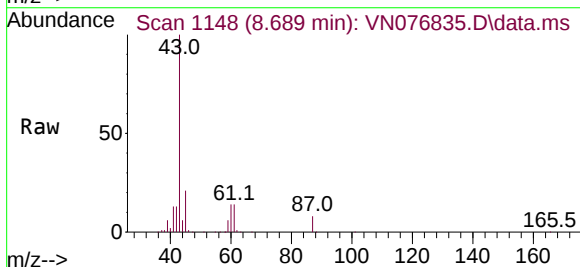
Tgt Ion: 43 Resp: 483717

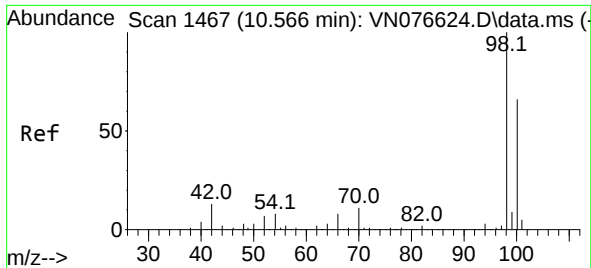
Ion Ratio Lower Upper

43 100

61 8.6 20.0 30.0#

87 5.1 9.9 14.9#

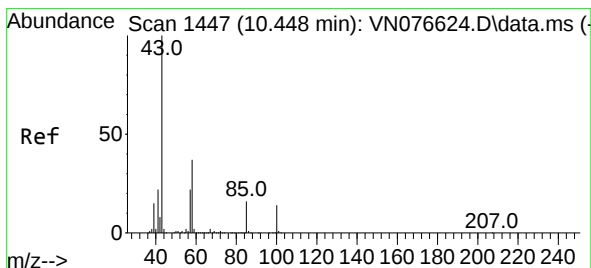
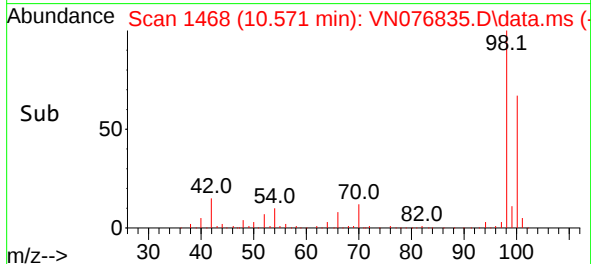
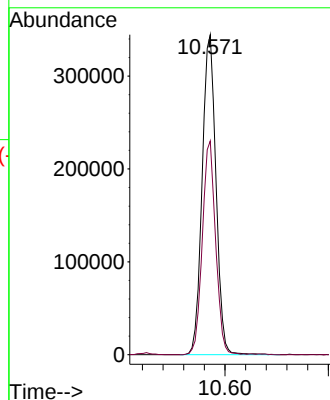
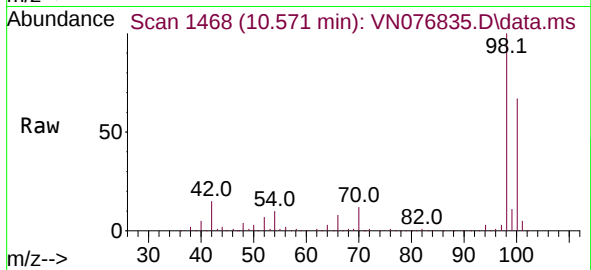




#50
Toluene-d8
Concen: 52.273 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076835.D
Acq: 28 Feb 2023 18:09

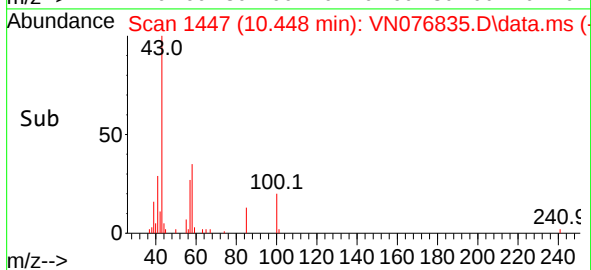
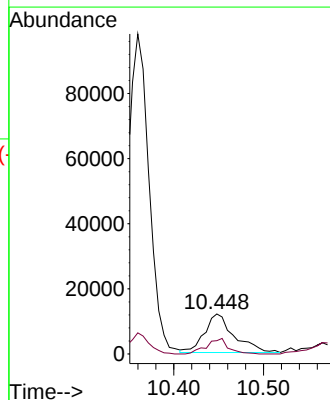
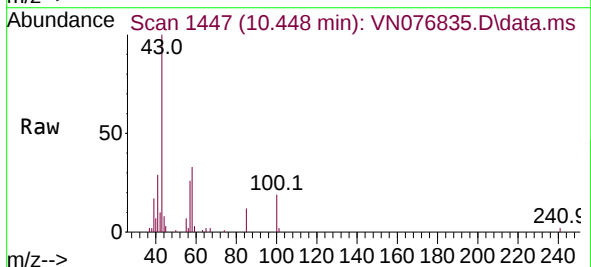
Instrument :
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T2-STONE

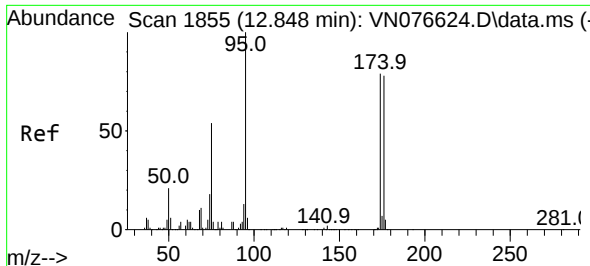
Tgt Ion: 98 Resp: 637249
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 5.285 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076835.D
Acq: 28 Feb 2023 18:09

Tgt Ion: 43 Resp: 27150
Ion Ratio Lower Upper
43 100
58 29.5 29.5 44.3

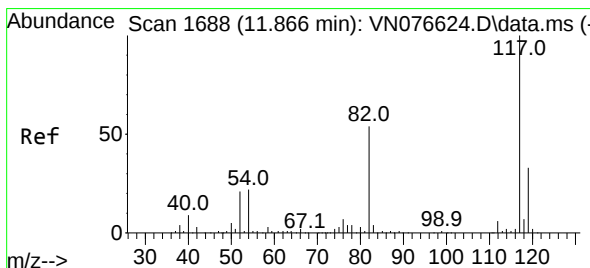
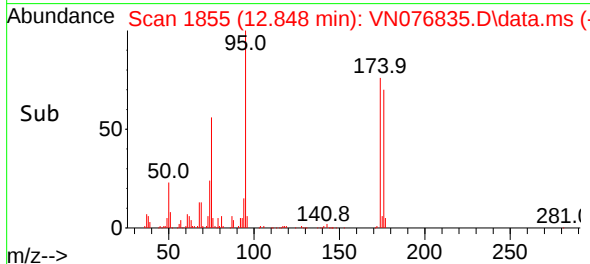
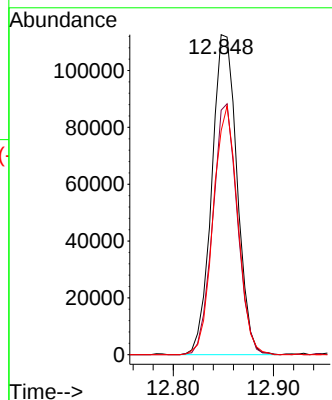
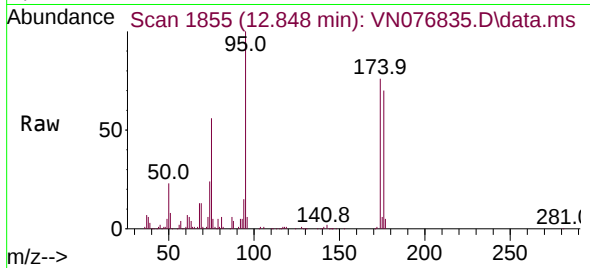




#62
4-Bromofluorobenzene
Concen: 48.820 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076835.D
Acq: 28 Feb 2023 18:09

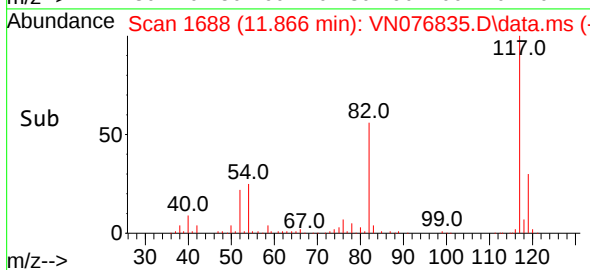
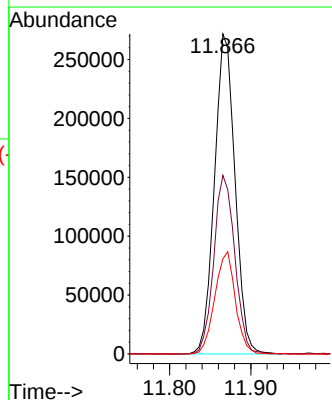
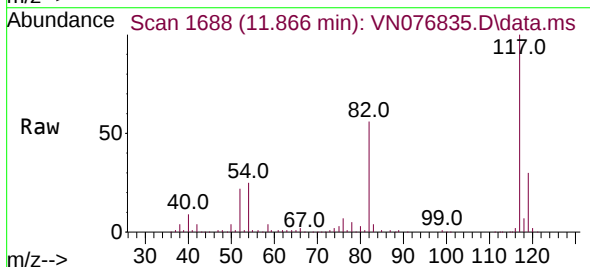
Instrument :
MSVOA_N
ClientSampleId :
T2-STONE

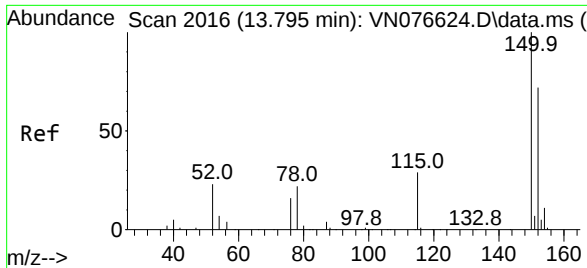
Tgt Ion: 95 Resp: 197119
Ion Ratio Lower Upper
95 100
174 76.3 0.0 169.2
176 75.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076835.D
Acq: 28 Feb 2023 18:09

Tgt Ion: 117 Resp: 477946
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.2
119 29.7 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN076835.D

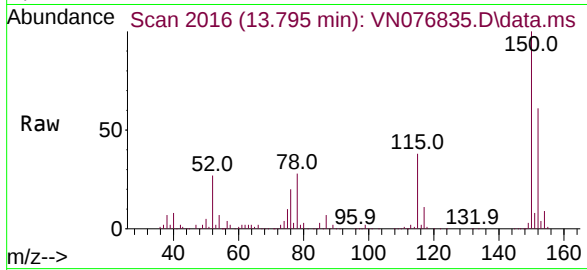
Acq: 28 Feb 2023 18:09

Instrument :

MSVOA_N

ClientSampleId :

T2-STONE



Tgt Ion:152 Resp: 185415

Ion Ratio Lower Upper

152 100

115 62.0 29.3 87.9

150 161.3 0.0 349.8

