

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\
 Data File : VN067443.D
 Acq On : 22 Jun 2021 17:38
 Operator : JC/MD
 Sample : M2784-01 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 23 04:06:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	282898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	596090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	532900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	180230	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	261270	46.816	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.640%
35) Dibromofluoromethane	8.024	113	178176	44.943	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.880%
50) Toluene-d8	10.443	98	787199	51.806	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.734	95	272943	43.526	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.060%

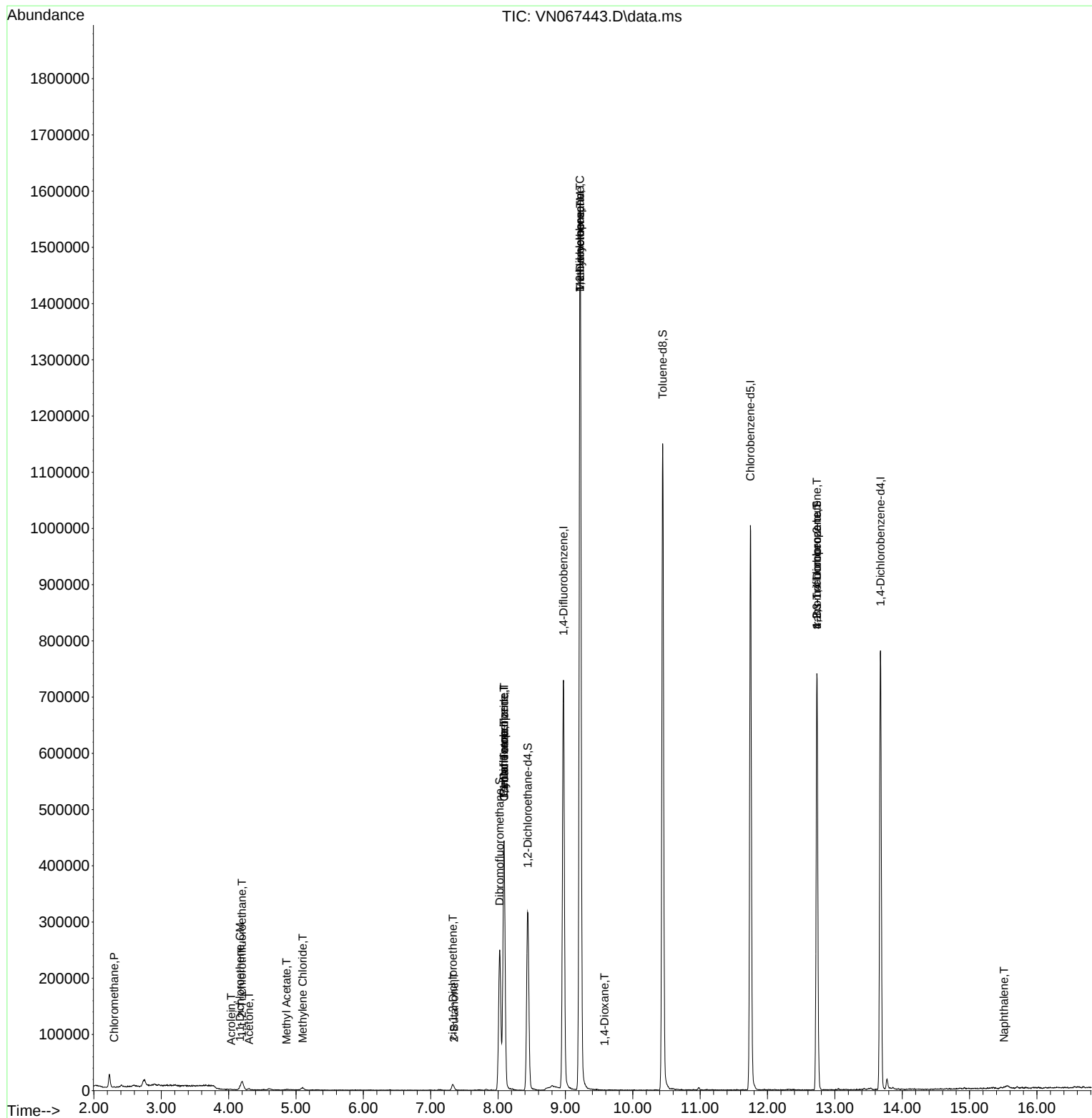
Target Compounds			Qvalue			
3) Chloromethane	2.301	50	1097	0.255	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	4.197	101	8855	2.519	ug/l #	62
12) 1,1-Dichloroethene	4.170	96	1662	0.490	ug/l #	41
13) Acrolein	4.039	56	335	0.584	ug/l #	50
16) Acetone	4.301	43	2737	1.278	ug/l #	78
18) Methyl Acetate	4.859	43	1052	0.203	ug/l	93
20) Methylene Chloride	5.101	84	3087	0.693	ug/l #	83
25) 2-Butanone	7.346	43	747	0.244	ug/l #	51
27) cis-1,2-Dichloroethene	7.329	96	1873	0.423	ug/l	41
31) Cyclohexane	8.088	56	9956	1.312	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	33587	5.026	ug/l #	51
38) Carbon Tetrachloride	8.091	117	35804	4.985	ug/l #	16
39) Methylcyclohexane	9.215	83	8282	1.171	ug/l #	1
44) Trichloroethene	9.218	130	506897	116.214	ug/l	97
45) 1,2-Dichloropropane	9.215	63	1955	0.393	ug/l #	1
49) 1,4-Dioxane	9.580	88	54	0.681	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	151535	32.377	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	151535	80.241	ug/l #	6
95) Naphthalene	15.509	128	2022	2.782	ug/l #	79

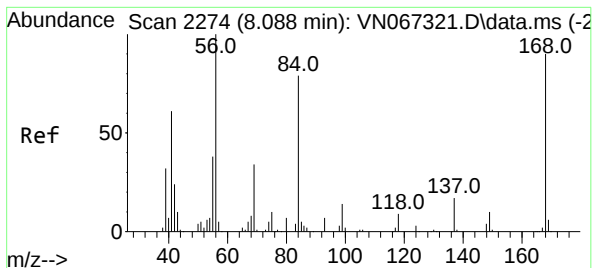
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 15 05:19:42 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN067443.D

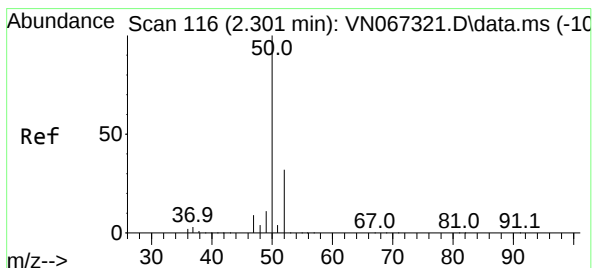
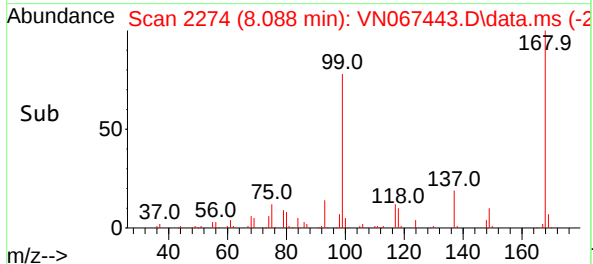
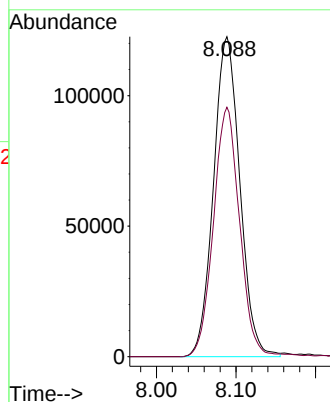
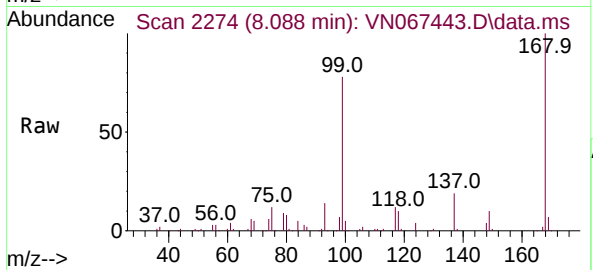
Acq: 22 Jun 2021 17:38

Tgt Ion:168 Resp: 282898

Ion Ratio Lower Upper

168 100

99 78.0 62.9 94.3



#3

Chloromethane

Concen: 0.255 ug/l

RT: 2.301 min Scan# 116

Delta R.T. -0.000 min

Lab File: VN067443.D

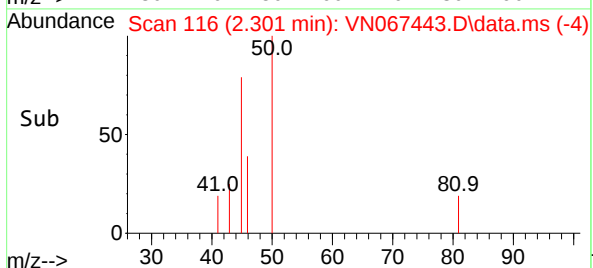
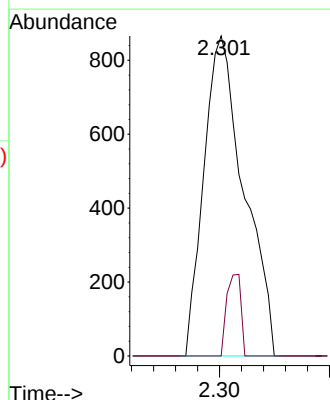
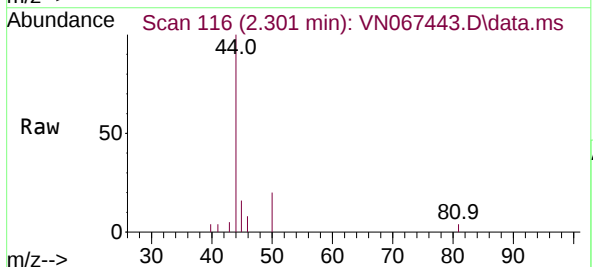
Acq: 22 Jun 2021 17:38

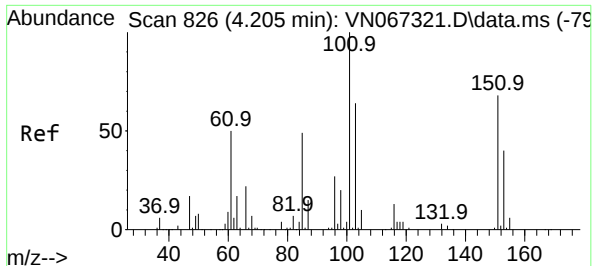
Tgt Ion: 50 Resp: 1097

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#

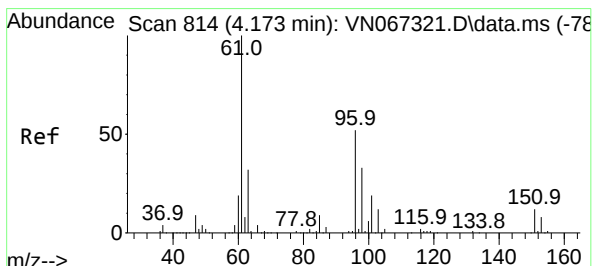
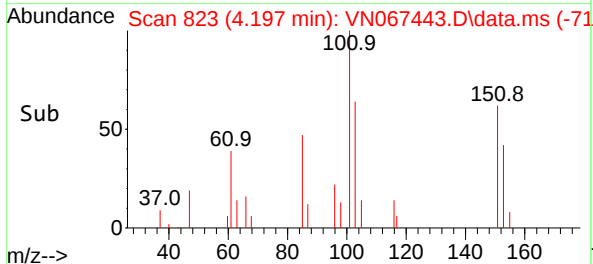
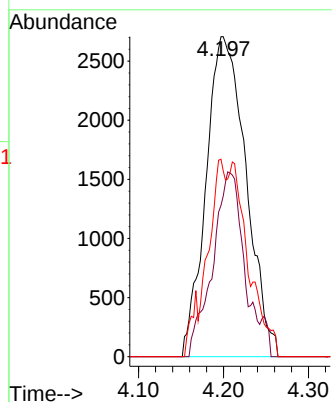
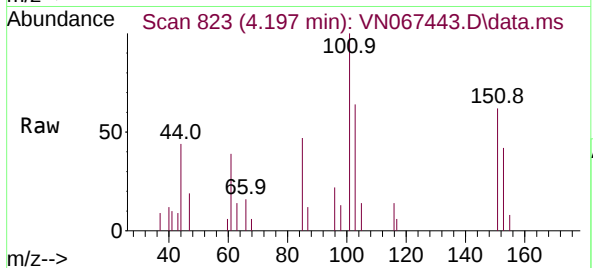




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.519 ug/l
RT: 4.197 min Scan# 823
Delta R.T. -0.008 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

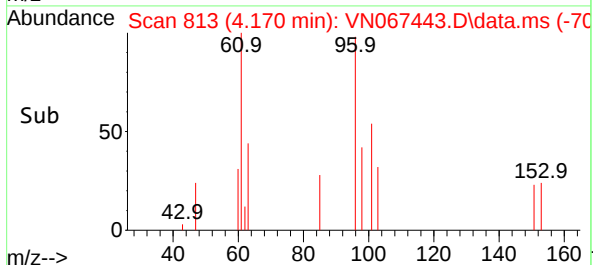
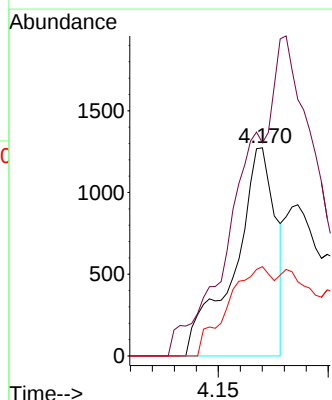
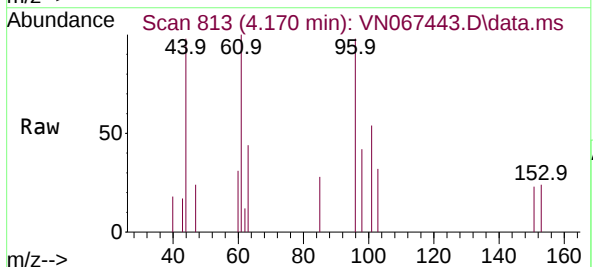
Instrument :
MSVOA_N
ClientSampled :

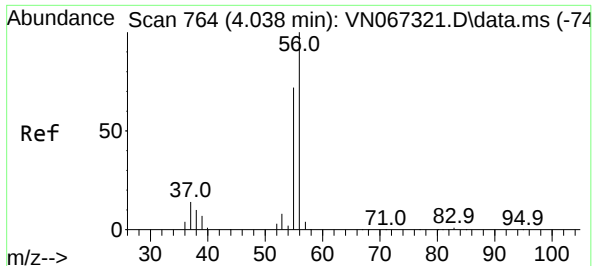
Tgt Ion:101 Resp: 8855
Ion Ratio Lower Upper
101 100
85 44.8 39.6 59.4
151 18.6 54.1 81.1#



#12
1,1-Dichloroethene
Concen: 0.490 ug/l
RT: 4.170 min Scan# 813
Delta R.T. -0.003 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

Tgt Ion: 96 Resp: 1662
Ion Ratio Lower Upper
96 100
61 87.8 152.6 229.0#
98 42.9 50.9 76.3#

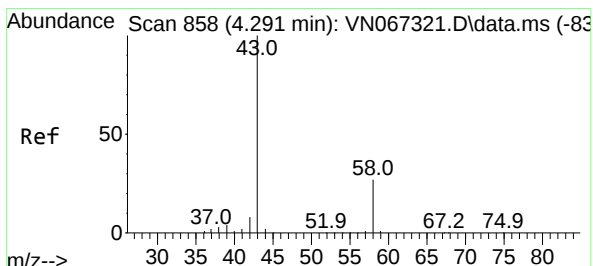
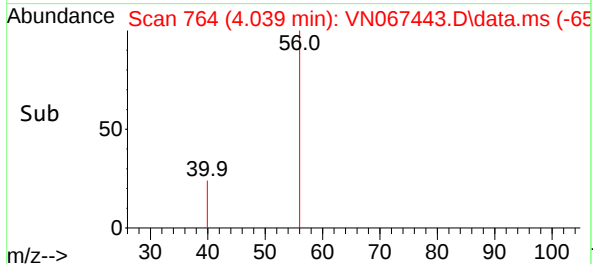
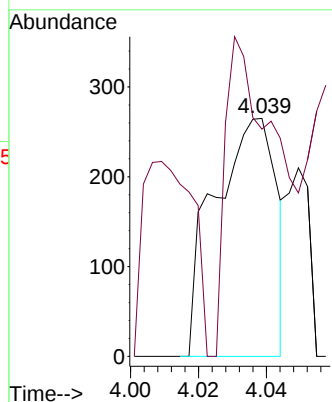
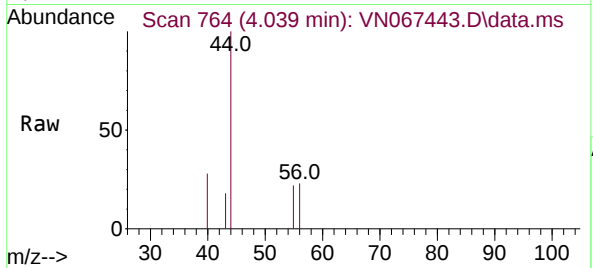




#13
Acrolein
Concen: 0.584 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.001 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

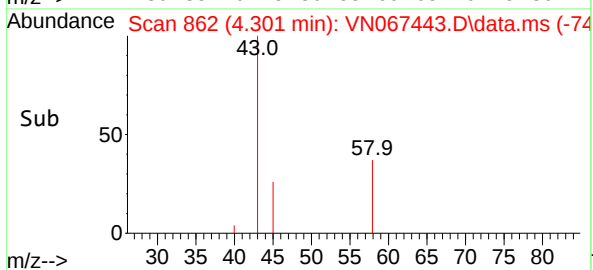
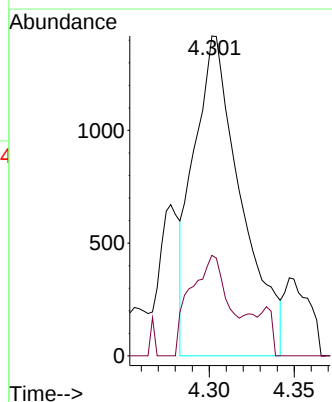
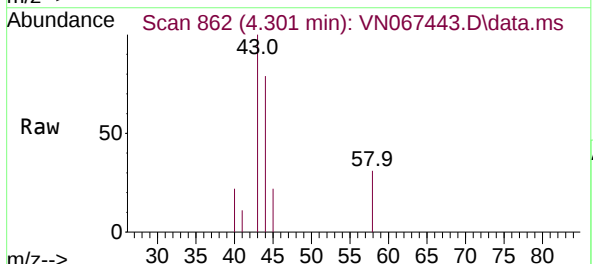
Instrument :
MSVOA_N
ClientSampled :

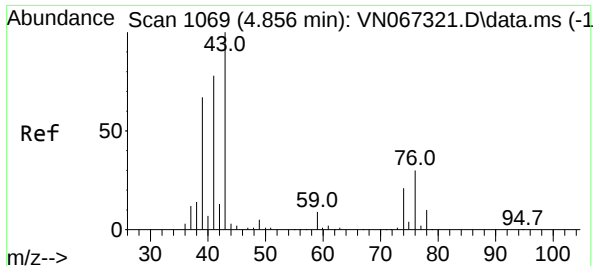
Tgt Ion: 56 Resp: 335
Ion Ratio Lower Upper
56 100
55 113.1 57.4 86.0#



#16
Acetone
Concen: 1.278 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

Tgt Ion: 43 Resp: 2737
Ion Ratio Lower Upper
43 100
58 38.0 21.2 31.8#





#18

Methyl Acetate

Concen: 0.203 ug/l

RT: 4.859 min Scan# 1070

Delta R.T. 0.003 min

Lab File: VN067443.D

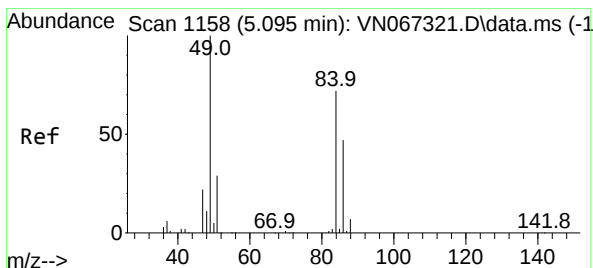
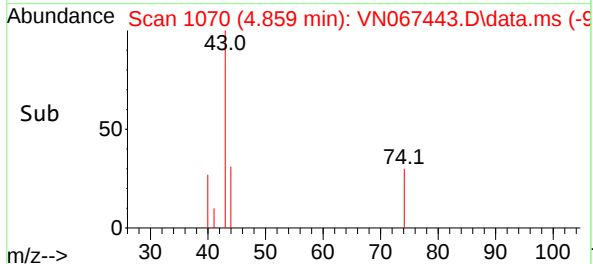
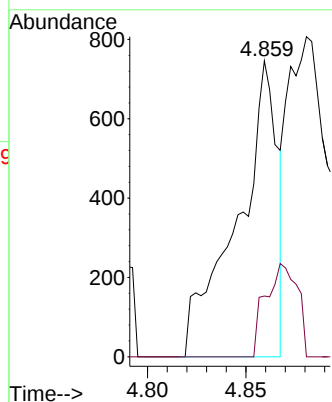
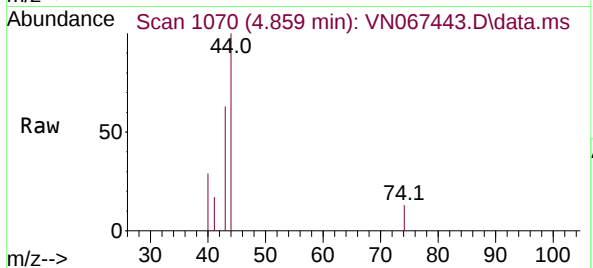
Acq: 22 Jun 2021 17:38

Tgt Ion: 43 Resp: 1052

Ion Ratio Lower Upper

43 100

74 25.0 17.4 26.0



#20

Methylene Chloride

Concen: 0.693 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VN067443.D

Acq: 22 Jun 2021 17:38

Tgt Ion: 84 Resp: 3087

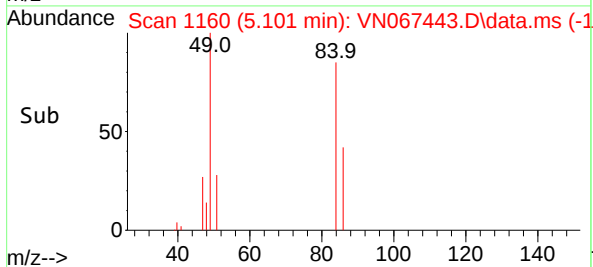
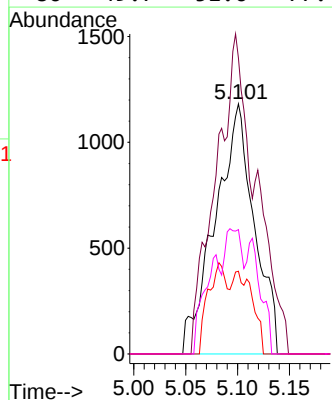
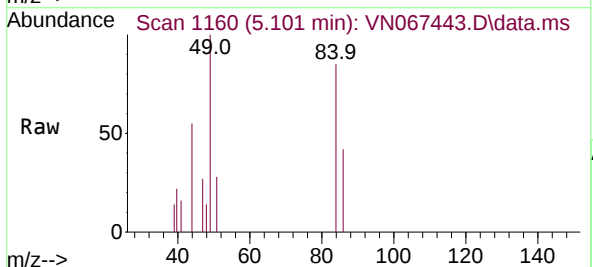
Ion Ratio Lower Upper

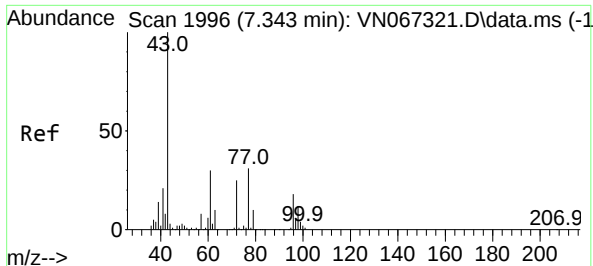
84 100

49 118.3 110.9 166.3

51 33.1 32.6 49.0

86 49.7 51.6 77.4#

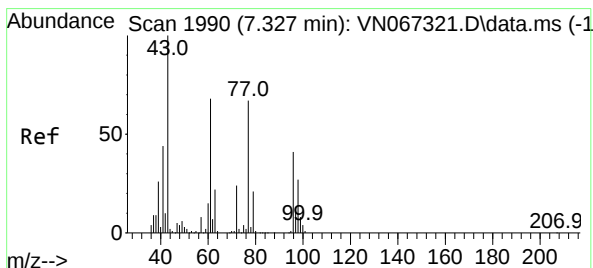
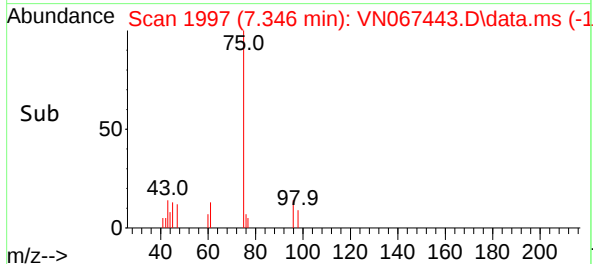
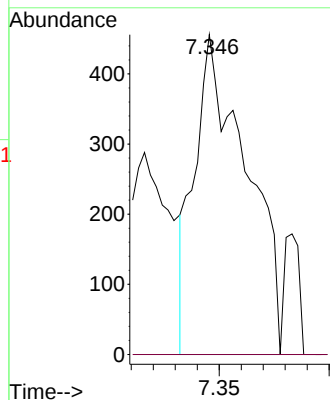
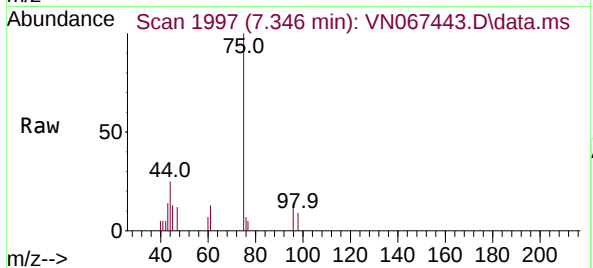




#25
2-Butanone
Concen: 0.244 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.003 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

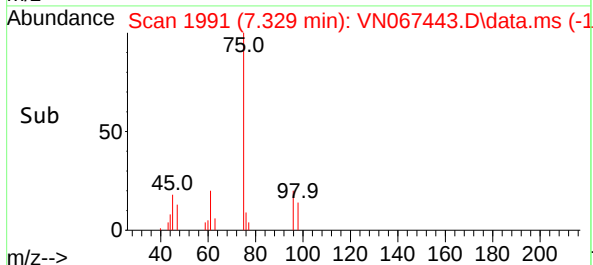
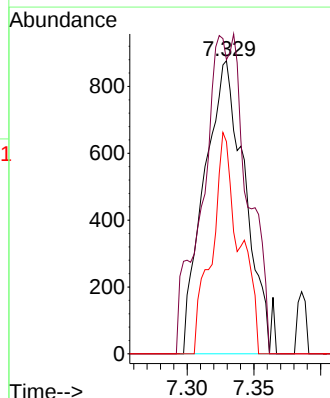
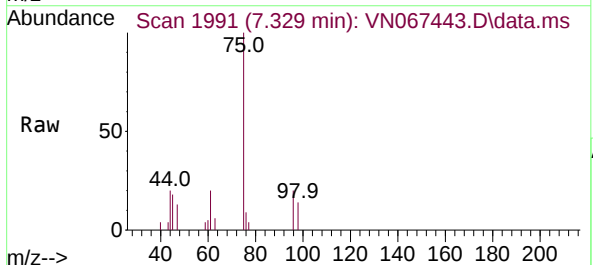
Instrument :
MSVOA_N
ClientSampled :

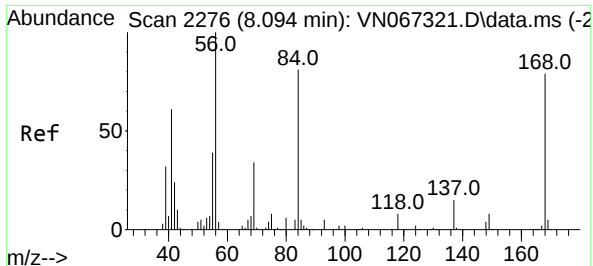
Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#



#27
cis-1,2-Dichloroethene
Concen: 0.423 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.002 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

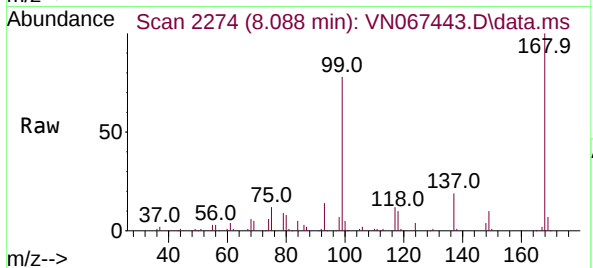
Tgt Ion: 96 Resp: 1873
Ion Ratio Lower Upper
96 100
61 66.5 0.0 338.8
98 50.9 0.0 129.8



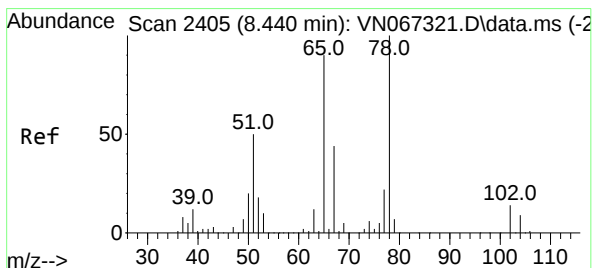
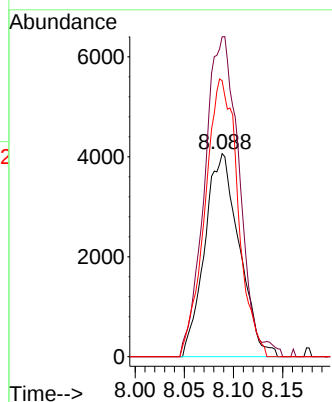
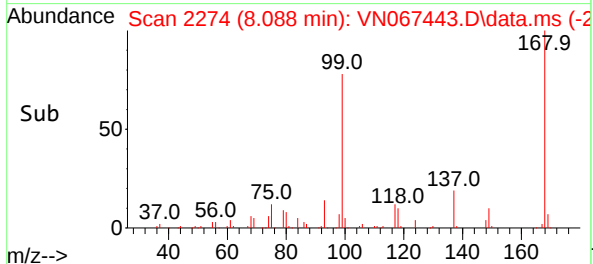


#31
Cyclohexane
Concen: 1.312 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

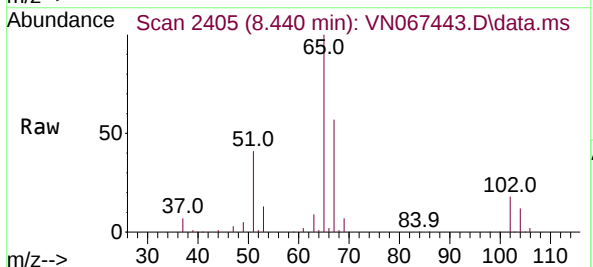
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MSVOA_N
ClientSampleId :



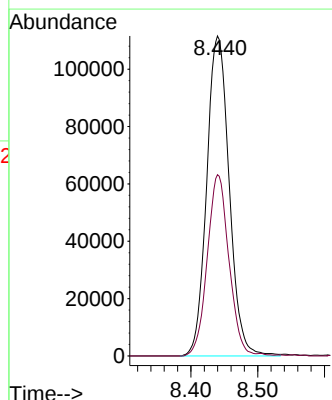
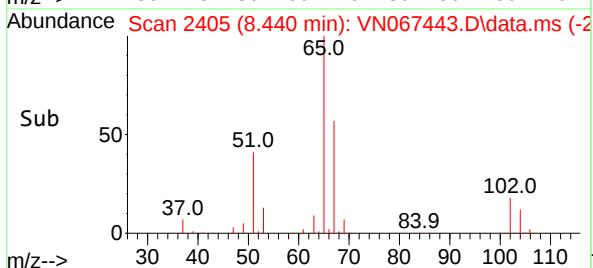
Tgt Ion: 56 Resp: 9956
Ion Ratio Lower Upper
56 100
69 157.5 27.3 40.9#
84 136.0 64.9 97.3#

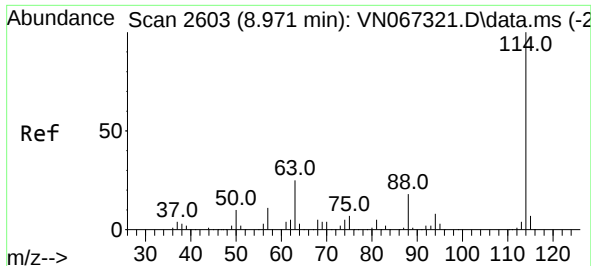


#33
1,2-Dichloroethane-d4
Concen: 46.816 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38



Tgt Ion: 65 Resp: 261270
Ion Ratio Lower Upper
65 100
67 54.3 0.0 98.6

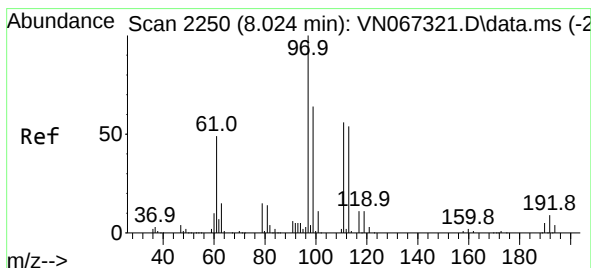
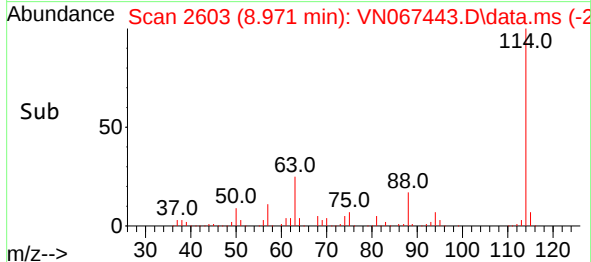
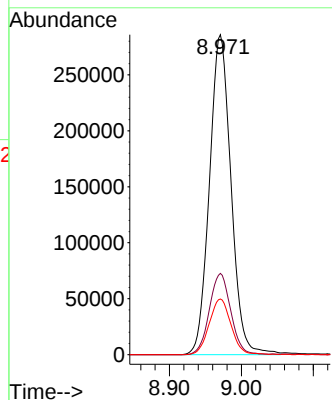
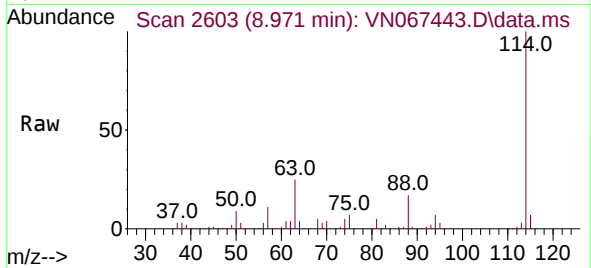




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

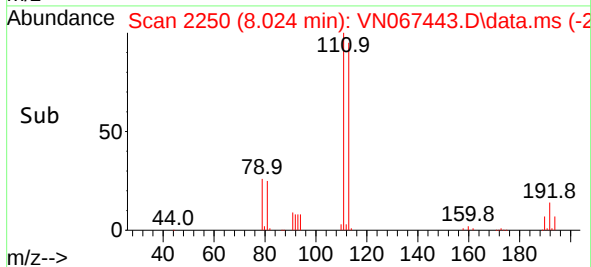
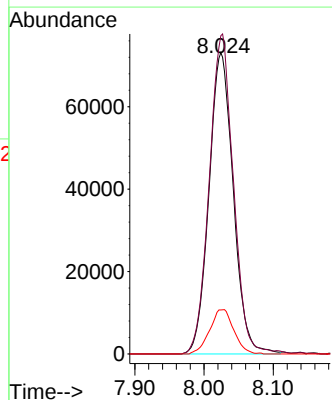
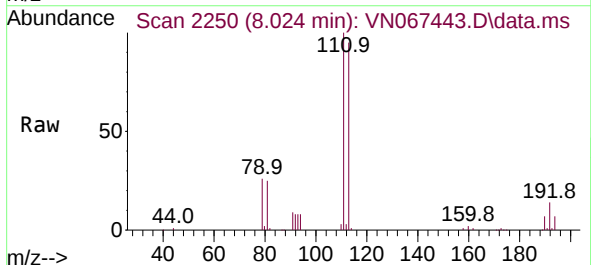
Instrument :
MSVOA_N
ClientSampled :

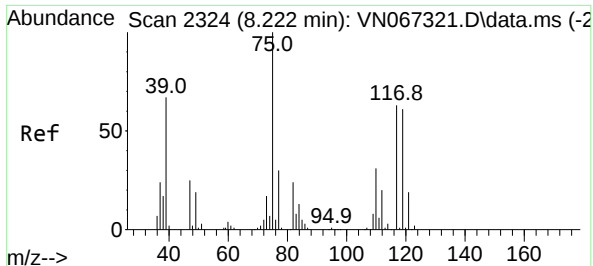
Tgt Ion:114 Resp: 596090
Ion Ratio Lower Upper
114 100
63 25.4 0.0 49.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.943 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

Tgt Ion:113 Resp: 178176
Ion Ratio Lower Upper
113 100
111 105.1 83.8 125.8
192 14.6 13.4 20.0

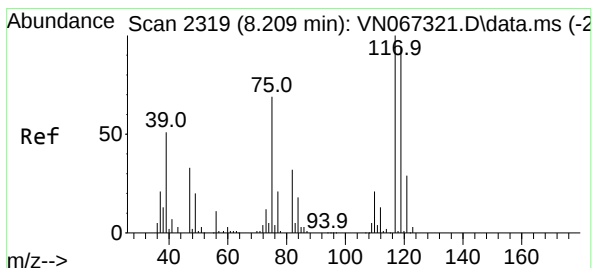
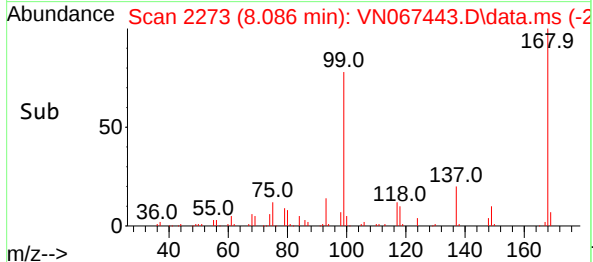
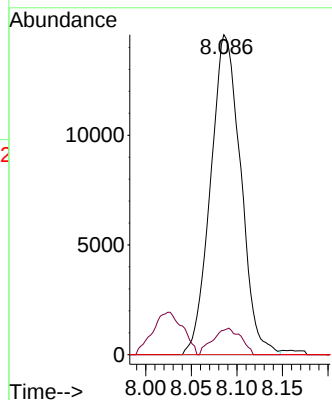
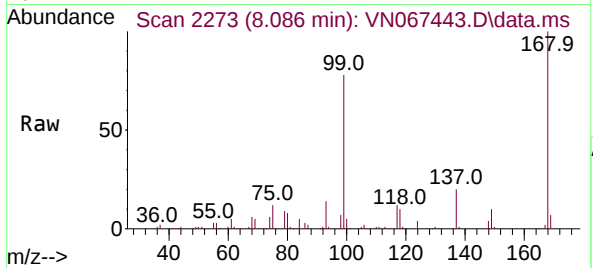




#36
1,1-Dichloropropene
Concen: 5.026 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

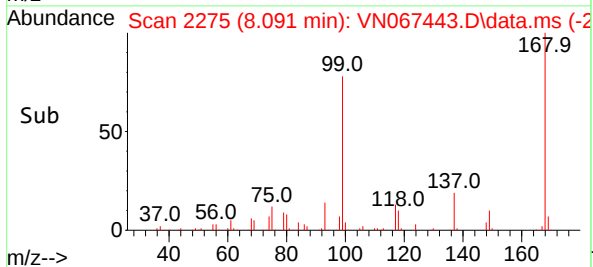
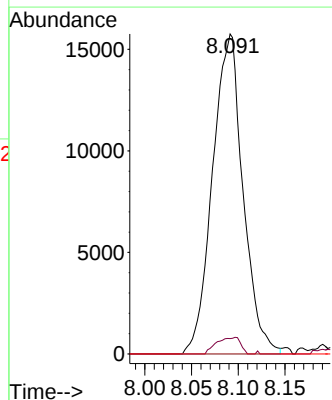
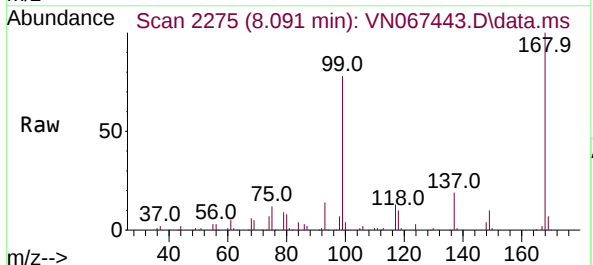
Instrument :
MSVOA_N
ClientSampleId :

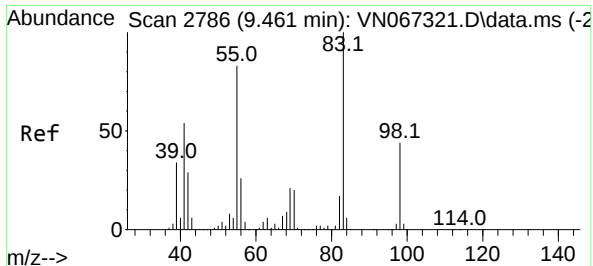
Tgt Ion: 75 Resp: 33587
Ion Ratio Lower Upper
75 100
110 7.7 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.985 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

Tgt Ion: 117 Resp: 35804
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.2#
121 0.0 23.5 35.3#





#39

Methylcyclohexane

Concen: 1.171 ug/l

RT: 9.215 min Scan# 2694

Delta R.T. -0.246 min

Lab File: VN067443.D

Acq: 22 Jun 2021 17:38

Tgt Ion: 83 Resp: 8282

Ion Ratio Lower Upper

83 100

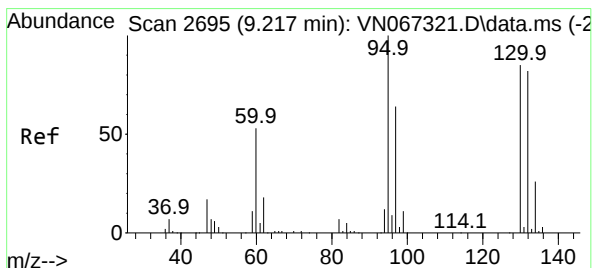
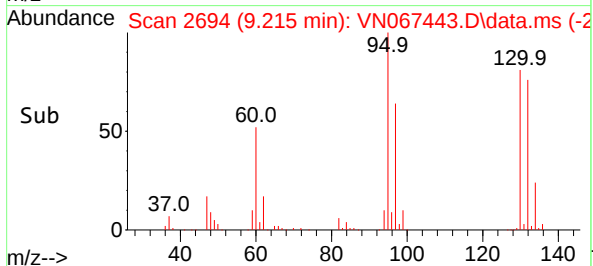
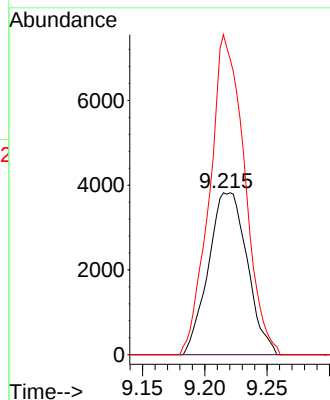
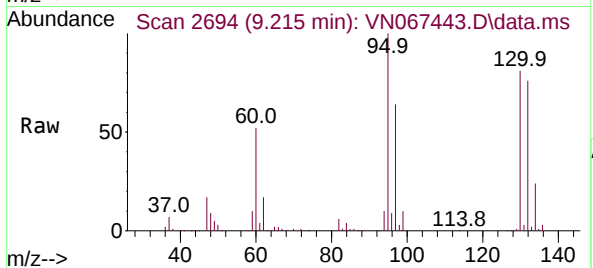
55 0.0 66.6 99.8#

98 197.6 35.3 52.9#

Instrument :

MSVOA_N

ClientSampled :



#44

Trichloroethene

Concen: 116.214 ug/l

RT: 9.218 min Scan# 2695

Delta R.T. 0.001 min

Lab File: VN067443.D

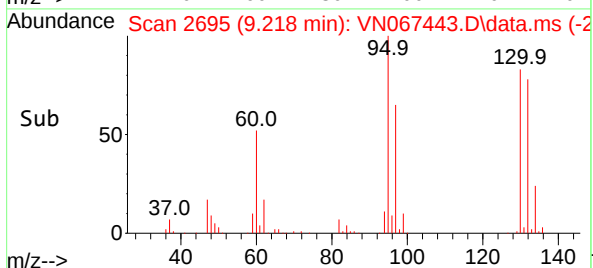
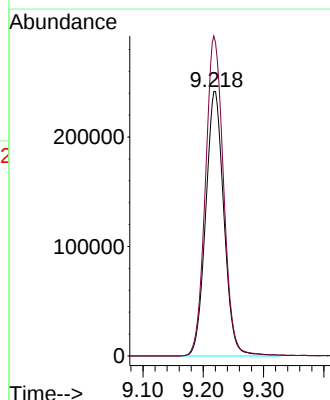
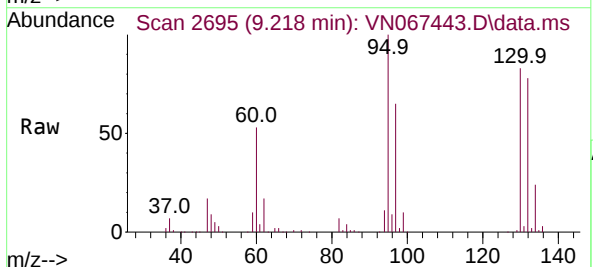
Acq: 22 Jun 2021 17:38

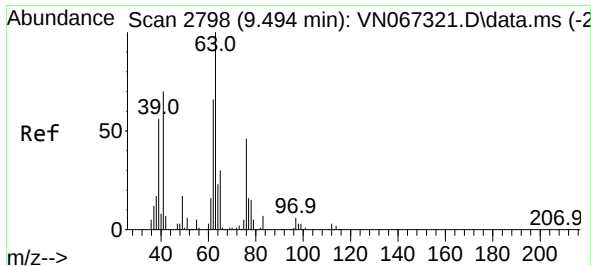
Tgt Ion:130 Resp: 506897

Ion Ratio Lower Upper

130 100

95 121.0 0.0 234.4

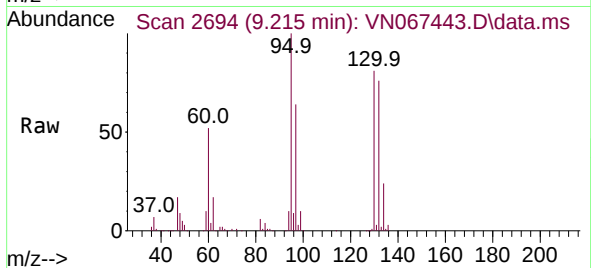




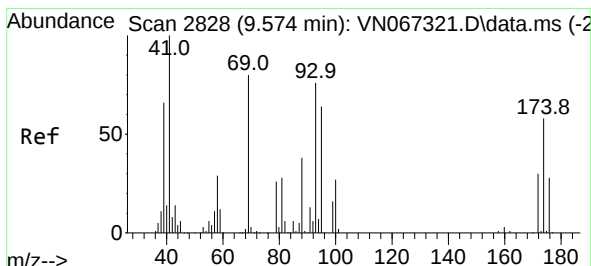
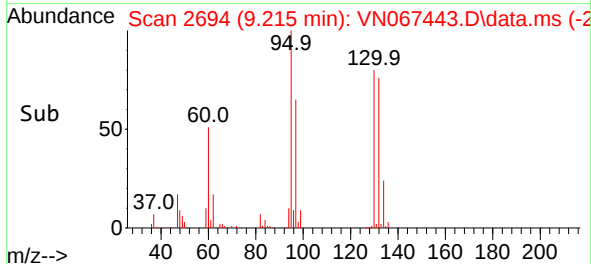
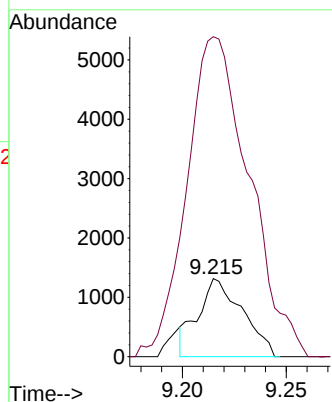
#45

1,2-Dichloropropane
Concen: 0.393 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.279 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

Instrument :
MSVOA_N
ClientSampled :



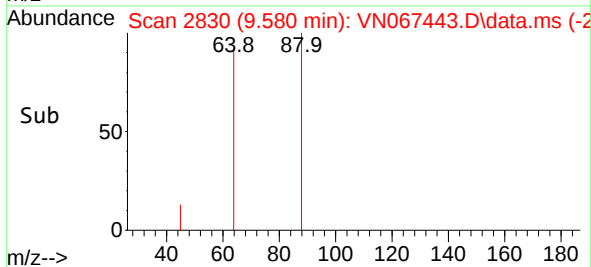
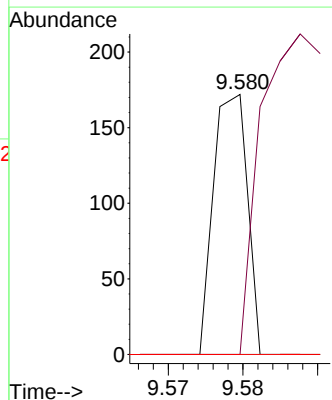
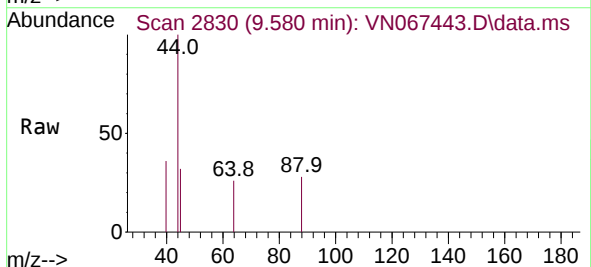
Tgt Ion: 63 Resp: 1955
Ion Ratio Lower Upper
63 100
65 354.2 24.3 36.5#

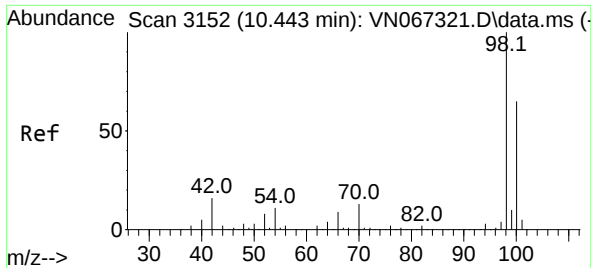


#49

1,4-Dioxane
Concen: 0.681 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.006 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 229.6 28.8 43.2#
58 0.0 60.4 90.6#

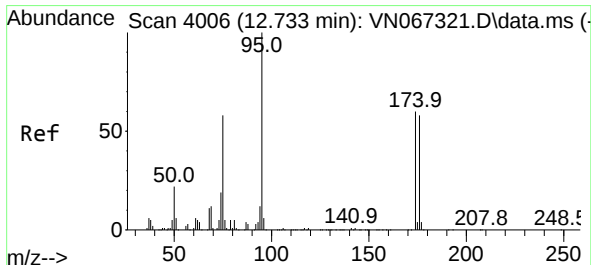
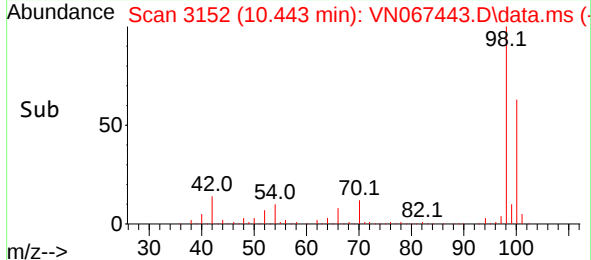
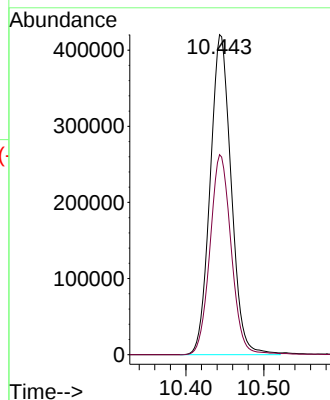
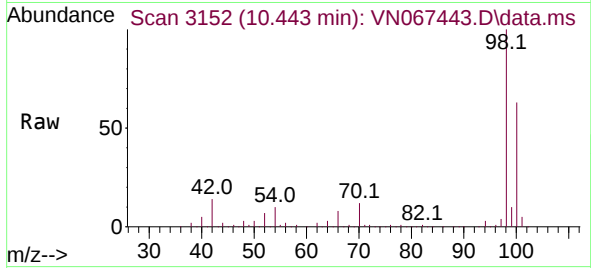




#50
Toluene-d8
Concen: 51.806 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

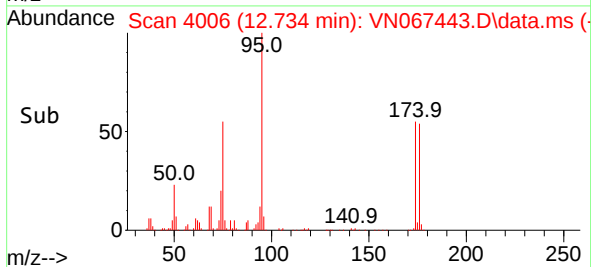
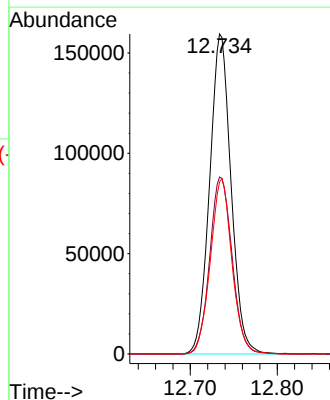
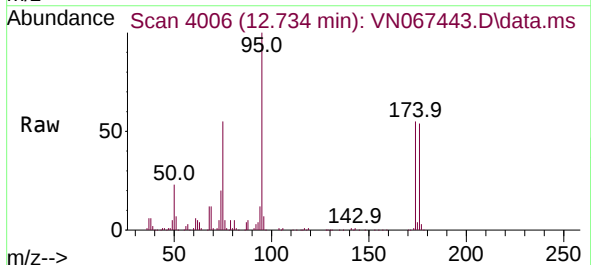
Instrument :
MSVOA_N
ClientSampled :

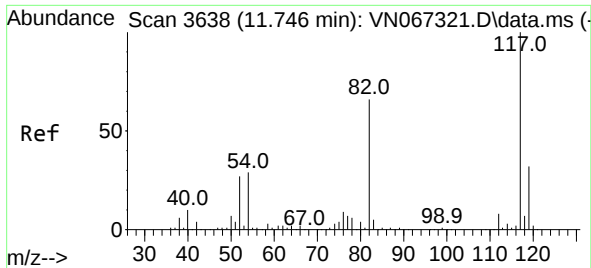
Tgt Ion: 98 Resp: 787199
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.526 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

Tgt Ion: 95 Resp: 272943
Ion Ratio Lower Upper
95 100
174 57.9 0.0 122.0
176 55.1 0.0 117.6

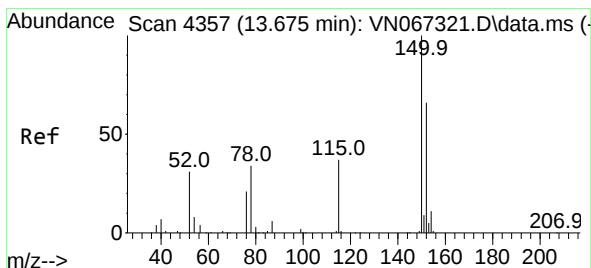
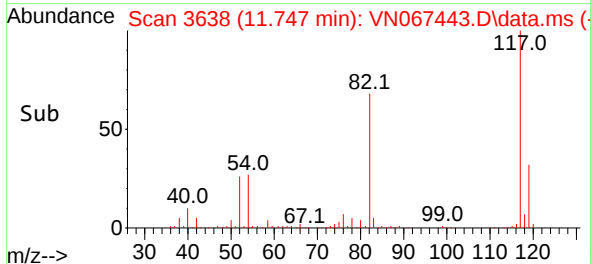
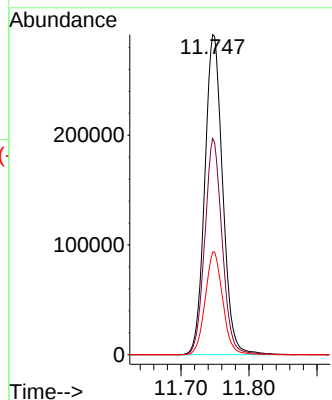
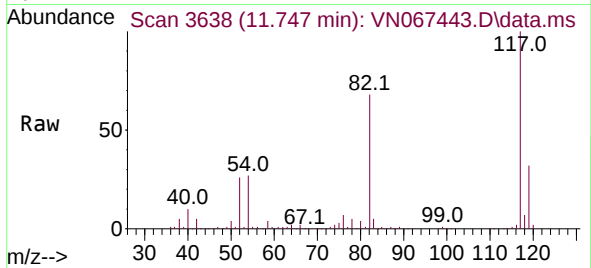




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

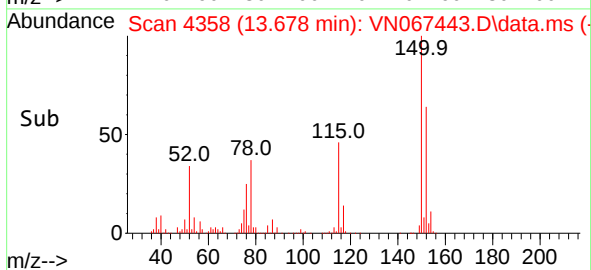
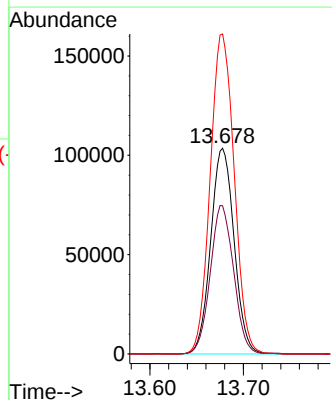
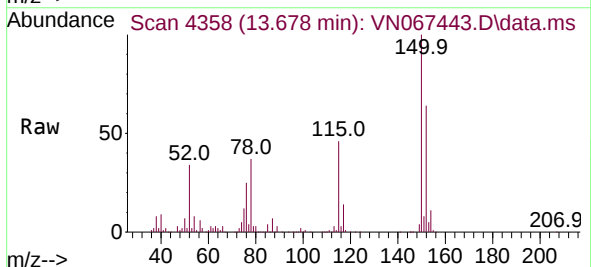
Instrument :
MSVOA_N
ClientSampled :

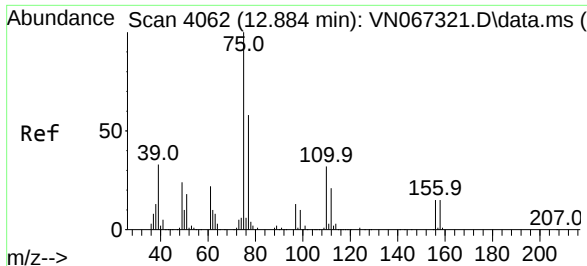
Tgt Ion:117 Resp: 532900
Ion Ratio Lower Upper
117 100
82 67.6 53.1 79.7
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

Tgt Ion:152 Resp: 180230
Ion Ratio Lower Upper
152 100
115 71.9 36.1 108.5
150 159.3 0.0 351.8

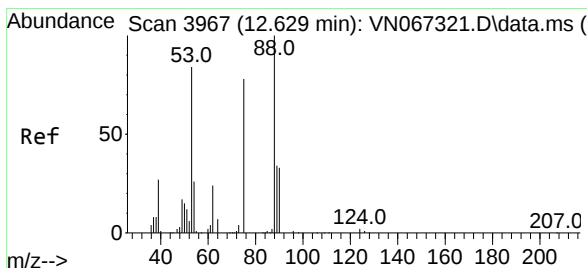
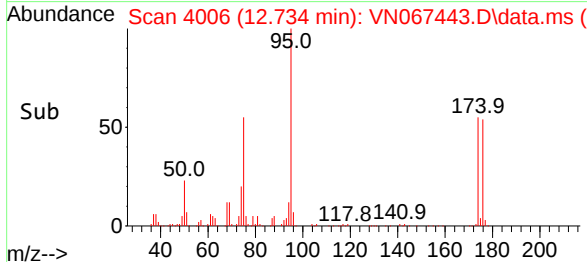
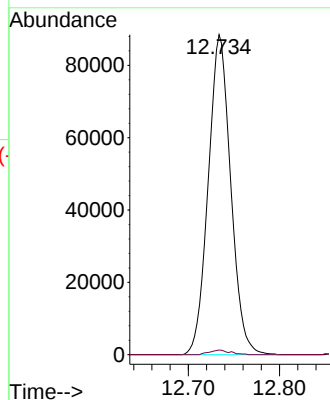
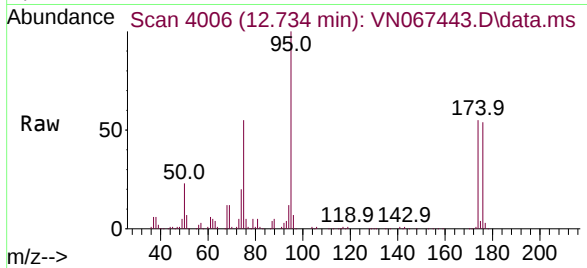




#76
1,2,3-Trichloropropane
Concen: 32.377 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

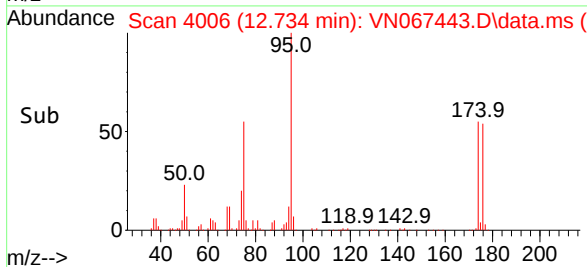
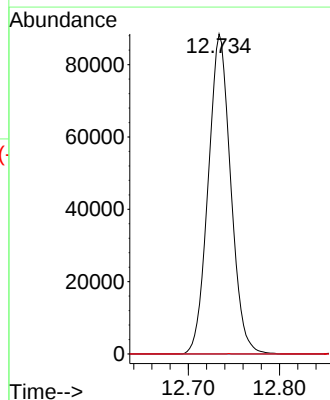
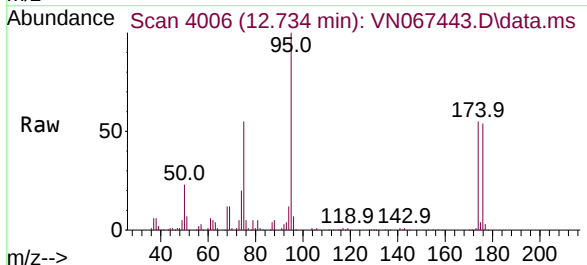
Instrument :
MSVOA_N
ClientSampled :

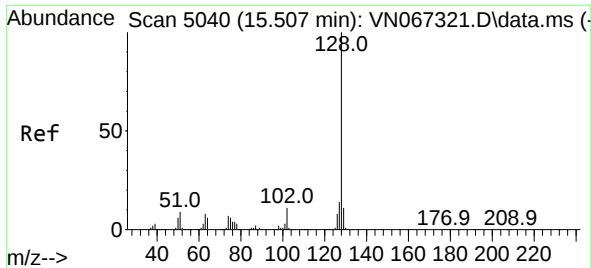
Tgt Ion: 75 Resp: 151535
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.241 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

Tgt Ion: 75 Resp: 151535
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 2.782 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067443.D
Acq: 22 Jun 2021 17:38

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2022
Ion Ratio Lower Upper
128 100
127 2.6 10.6 15.8#
129 5.3 8.6 12.8#

