

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060721\
 Data File : VN067256.D
 Acq On : 7 Jun 2021 15:43
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 08 01:41:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 16:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	111609	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	196830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	178212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	67329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	74142	46.454	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.900%
35) Dibromofluoromethane	8.027	113	59663	50.573	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.140%
50) Toluene-d8	10.446	98	257195	42.164	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	84.320%
62) 4-Bromofluorobenzene	12.733	95	75851	31.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	63.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.078	85	754	0.739	ug/l	92
3) Chloromethane	2.306	50	906	0.565	ug/l	# 42
5) Bromomethane	2.816	94	147	1.218	ug/l	# 3
6) Chloroethane	3.027	64	182	Below Cal	#	85
7) Trichlorofluoromethane	3.371	101	1249	0.531	ug/l	88
13) Acrolein	4.033	56	214	1.575	ug/l	# 37
15) Acrylonitrile	5.559	53	372	0.673	ug/l	# 17
16) Acetone	4.301	43	572	1.245	ug/l	# 41
17) Carbon Disulfide	4.521	76	4573	1.688	ug/l	98
20) Methylene Chloride	5.095	84	375	0.312	ug/l	# 37
21) trans-1,2-Dichloroethene	5.607	96	514	0.434	ug/l	# 27
25) 2-Butanone	7.361	43	1652	1.859	ug/l	# 44
29) Tetrahydrofuran	7.715	42	743	1.328	ug/l	# 28
31) Cyclohexane	8.088	56	3268	1.590	ug/l	# 54
36) 1,1-Dichloropropene	8.228	75	609	0.343	ug/l	# 51
38) Carbon Tetrachloride	8.091	117	11320	6.020	ug/l	# 14
39) Methylcyclohexane	9.464	83	729	0.351	ug/l	# 66
40) Benzene	8.461	78	1125	0.200	ug/l	# 68
41) Methacrylonitrile	7.646	41	364	0.393	ug/l	# 25
44) Trichloroethene	9.220	130	559	0.404	ug/l	89
48) Methyl methacrylate	9.566	41	542	0.365	ug/l	# 70
51) 4-Methyl-2-Pentanone	10.336	43	3877	1.765	ug/l	89
52) Toluene	10.513	92	943	5.941	ug/l	# 73
53) t-1,3-Dichloropropene	10.727	75	650	0.260	ug/l	# 80
56) Ethyl methacrylate	10.757	69	794	5.658	ug/l	# 60
58) 2-Chloroethyl Vinyl ether	10.046	63	122	24.240	ug/l	# 45
59) 2-Hexanone	11.089	43	7657	4.843	ug/l	86
60) Dibromochloromethane	11.245	129	234	5.883	ug/l	# 48
64) Tetrachloroethene	10.985	164	646	0.539	ug/l	90
65) Chlorobenzene	11.771	112	1892	0.499	ug/l	# 77
67) Ethyl Benzene	11.851	91	3046	0.434	ug/l	98
68) m/p-Xylenes	11.958	106	2719	0.954	ug/l	100
69) o-Xylene	12.288	106	970	0.349	ug/l	99
70) Styrene	12.296	104	2383	2.833	ug/l	95
71) Bromoform	12.457	173	286	3.178	ug/l	# 28
73) Isopropylbenzene	12.581	105	2936	0.553	ug/l	98

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

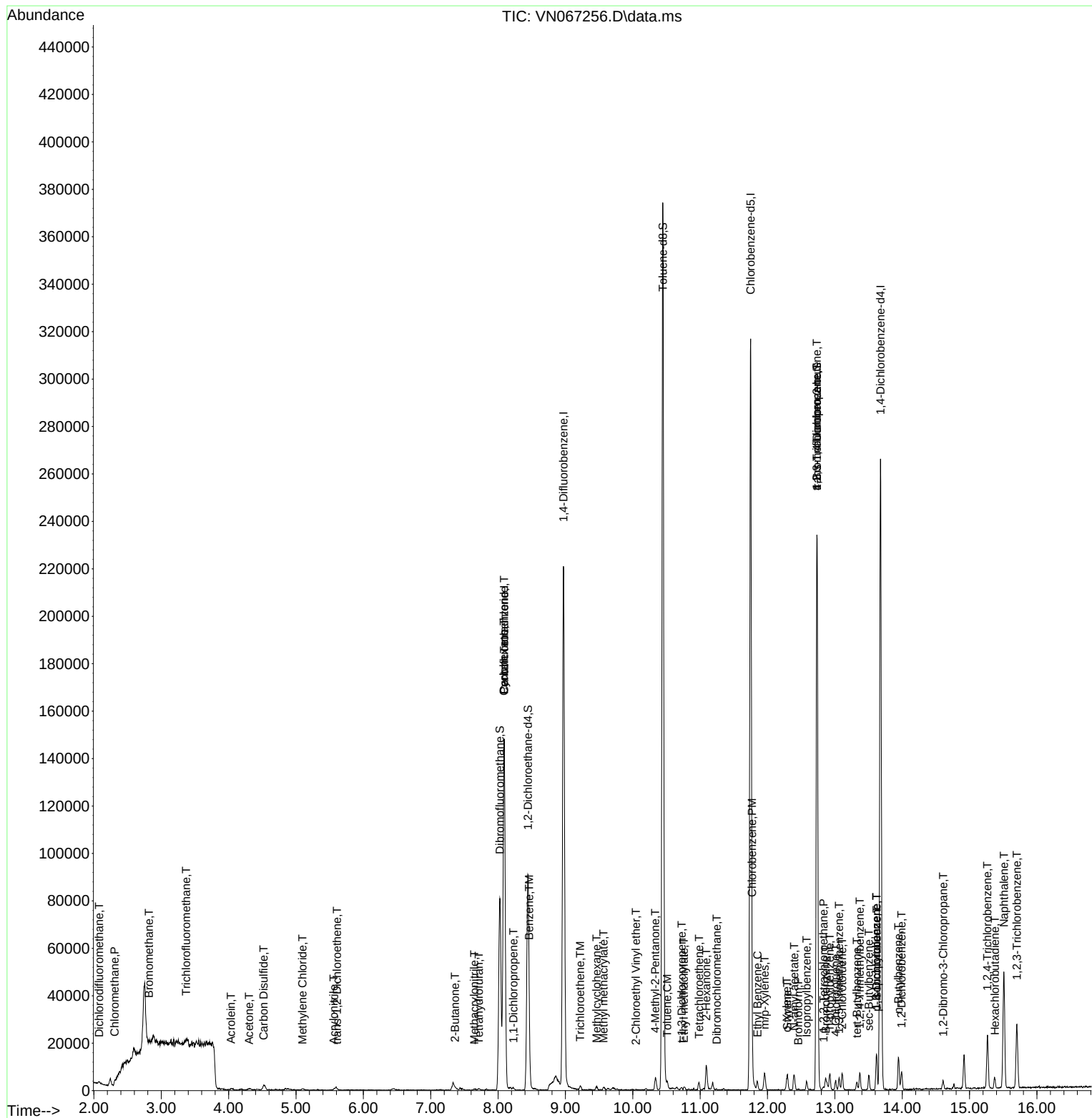
74) N-amyl acetate	12.396	43	4387	2.102	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.833	83	1139	0.781	ug/l #	92
76) 1,2,3-Trichloropropane	12.733	75	43681	34.441	ug/l #	100
77) Bromobenzene	12.865	156	989	0.863	ug/l	63
78) n-propylbenzene	12.927	91	6220	1.039	ug/l	94
79) 2-Chlorotoluene	13.109	91	5075	1.400	ug/l	92
80) 1,3,5-Trimethylbenzene	13.063	105	3457	0.763	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.733	75	43681	83.985	ug/l #	15
82) 4-Chlorotoluene	13.015	91	2990	0.866	ug/l	82
83) tert-Butylbenzene	13.329	119	2184	0.563	ug/l	87
84) 1,2,4-Trimethylbenzene	13.372	105	4371	0.968	ug/l	99
85) sec-Butylbenzene	13.506	105	4934	0.909	ug/l	88
86) p-Isopropyltoluene	13.621	119	4949	1.051	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	3721	1.670	ug/l	98
88) 1,4-Dichlorobenzene	13.618	146	3721	1.669	ug/l	99
89) n-Butylbenzene	13.946	91	9188	2.252	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	3282	1.527	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	990	3.488	ug/l	67
93) 1,2,4-Trichlorobenzene	15.265	180	7357	7.288	ug/l	98
94) Hexachlorobutadiene	15.378	225	984	2.179	ug/l	95
95) Naphthalene	15.509	128	43913	14.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	9625	10.167	ug/l	95

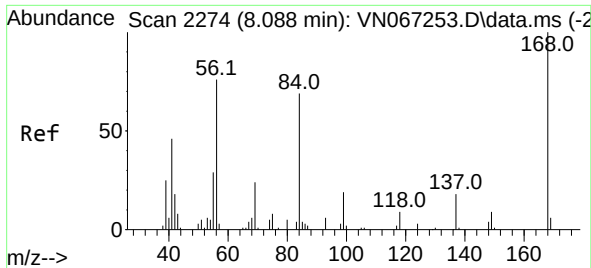
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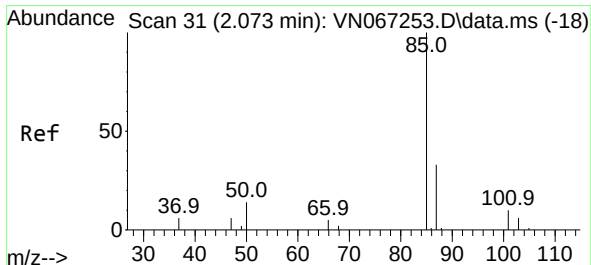
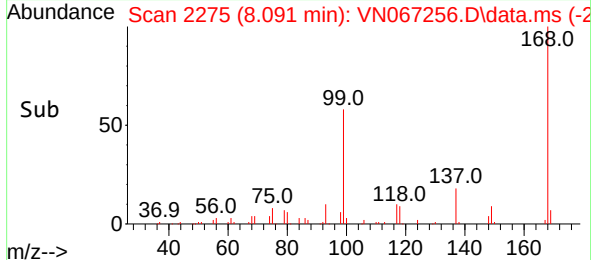
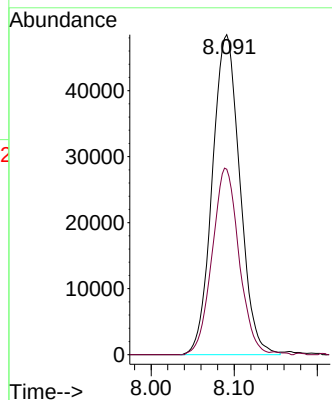
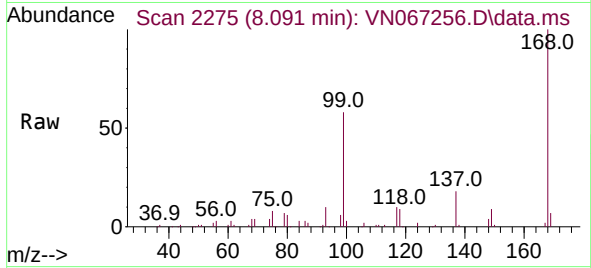




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

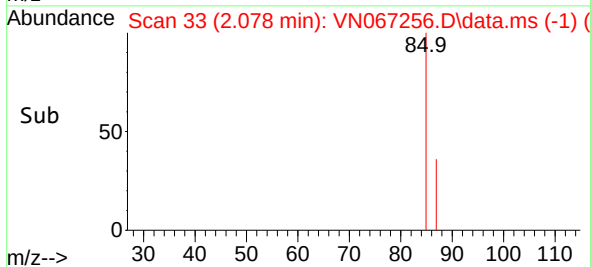
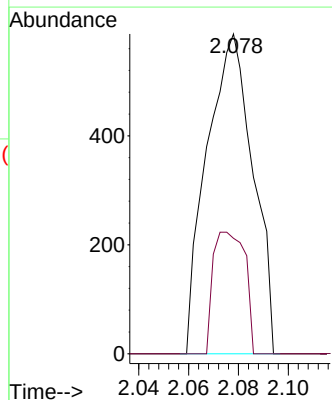
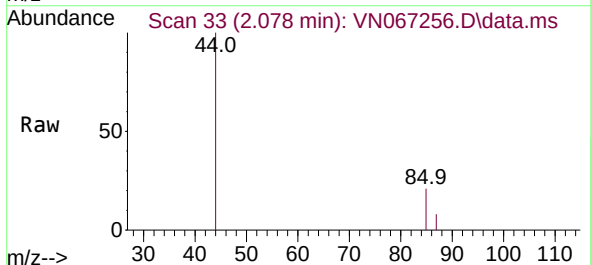
Instrument :
MSVOA_N
ClientSampled :
IBLK

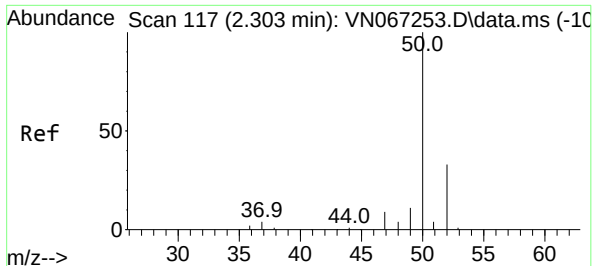
Tgt Ion:168 Resp: 111609
Ion Ratio Lower Upper
168 100
99 57.9 38.5 57.7#



#2
Dichlorodifluoromethane
Concen: 0.739 ug/l
RT: 2.078 min Scan# 33
Delta R.T. 0.005 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 85 Resp: 754
Ion Ratio Lower Upper
85 100
87 36.1 15.8 47.4





#3

Chloromethane

Concen: 0.565 ug/l

RT: 2.306 min Scan# 118

Delta R.T. 0.003 min

Lab File: VN067256.D

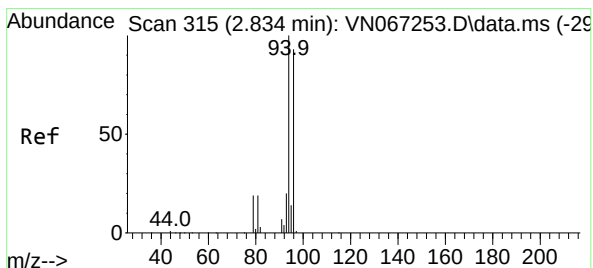
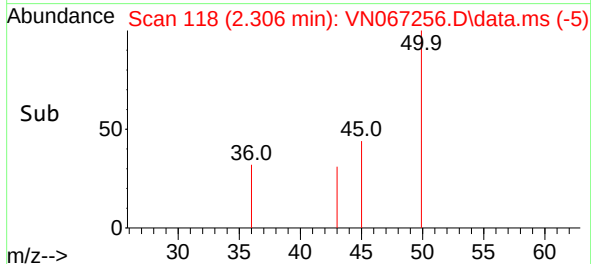
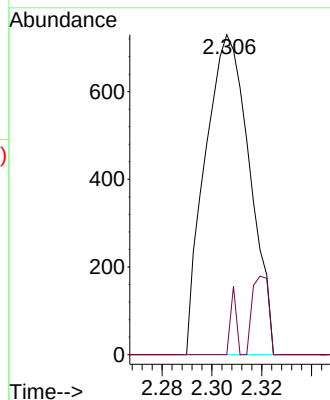
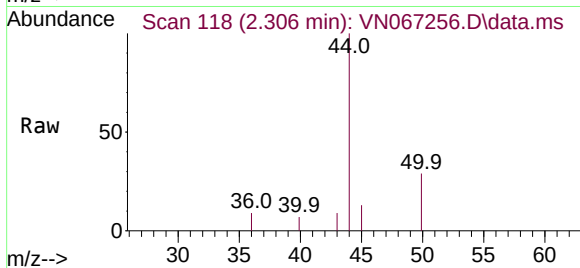
Acq: 7 Jun 2021 15:43

Tgt Ion: 50 Resp: 906

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#



#5

Bromomethane

Concen: 1.218 ug/l

RT: 2.816 min Scan# 308

Delta R.T. -0.018 min

Lab File: VN067256.D

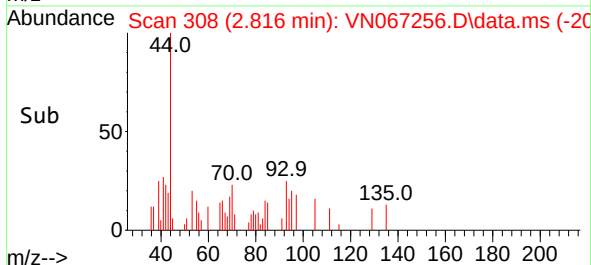
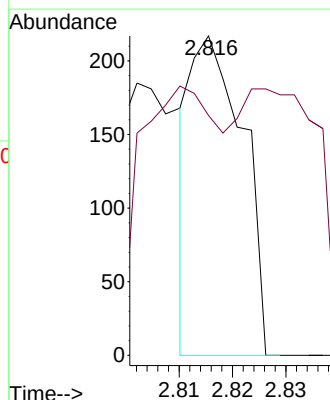
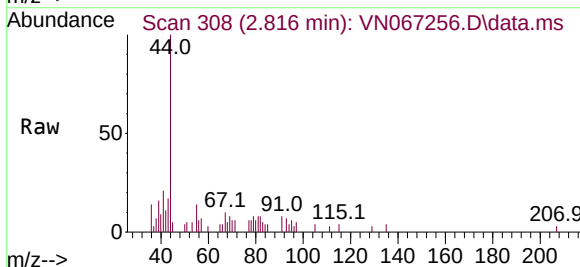
Acq: 7 Jun 2021 15:43

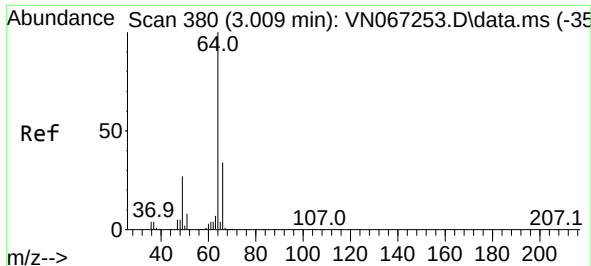
Tgt Ion: 94 Resp: 147

Ion Ratio Lower Upper

94 100

96 0.0 74.4 111.6#

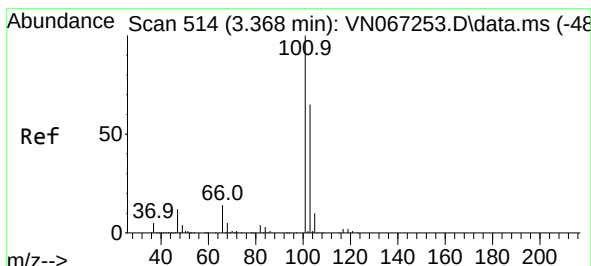
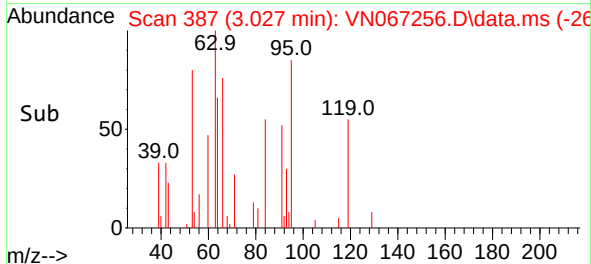
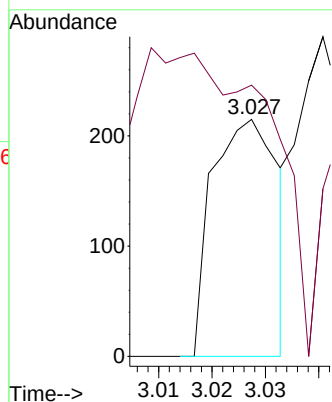
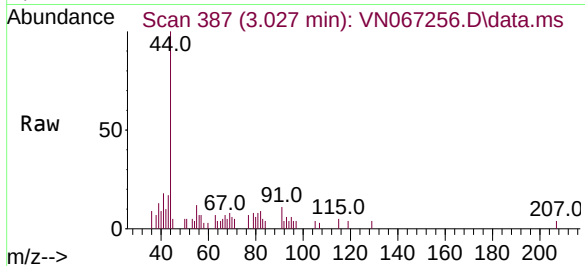




#6
Chloroethane
Concen: Below Cal
RT: 3.027 min Scan# 387
Delta R.T. 0.018 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

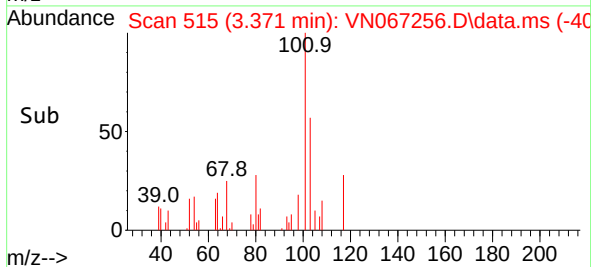
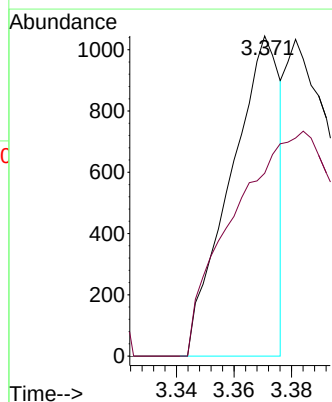
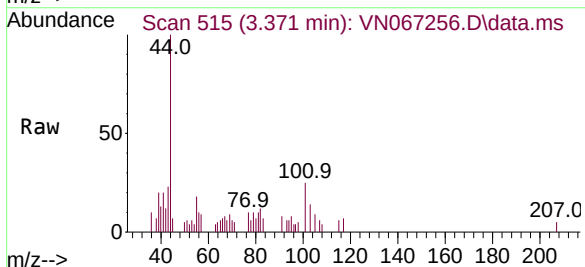
Instrument :
MSVOA_N
ClientSampled :
IBLK

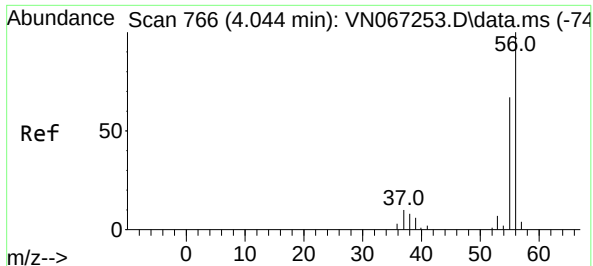
Tgt Ion: 64 Resp: 182
Ion Ratio Lower Upper
64 100
66 22.8 25.0 37.6#



#7
Trichlorofluoromethane
Concen: 0.531 ug/l
RT: 3.371 min Scan# 515
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:101 Resp: 1249
Ion Ratio Lower Upper
101 100
103 57.1 53.2 79.8

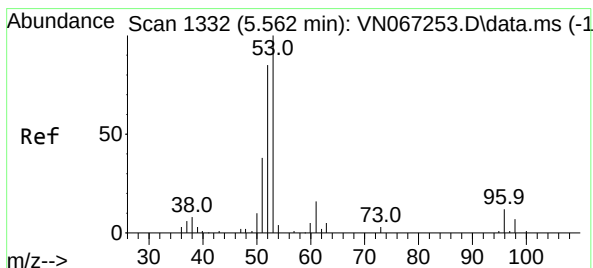
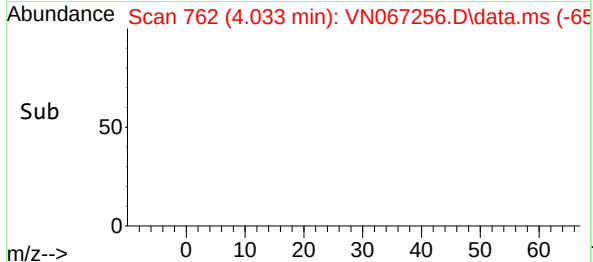
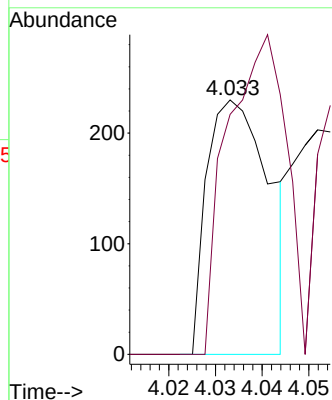
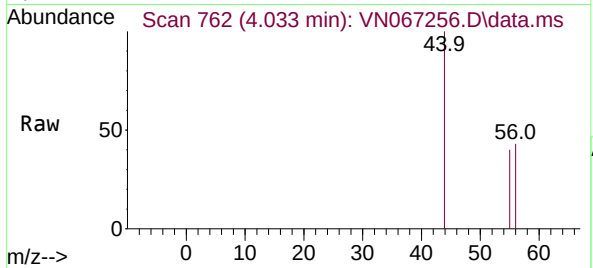




#13
Acrolein
Concen: 1.575 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.011 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

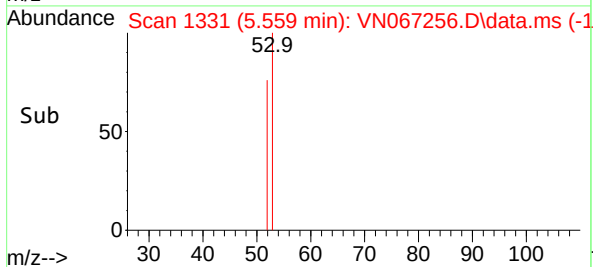
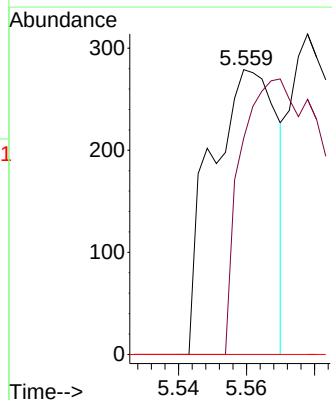
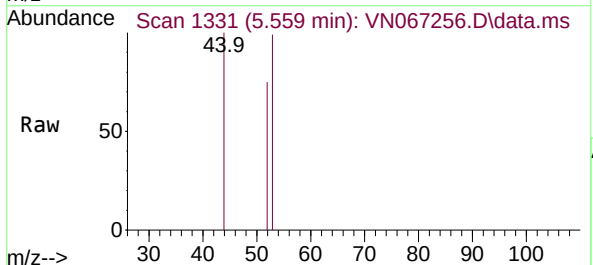
Instrument :
MSVOA_N
ClientSampled :
IBLK

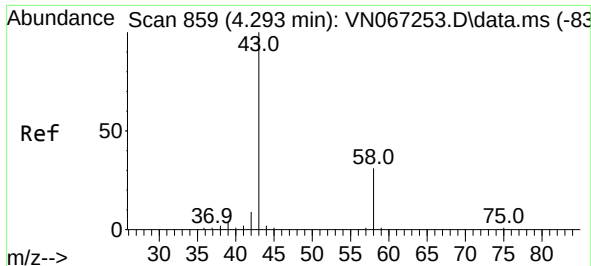
Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 117.8 53.8 80.6#



#15
Acrylonitrile
Concen: 0.673 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. -0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 53 Resp: 372
Ion Ratio Lower Upper
53 100
52 0.0 66.6 100.0#
51 0.0 28.6 42.8#

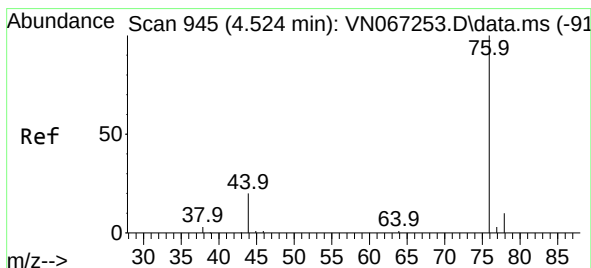
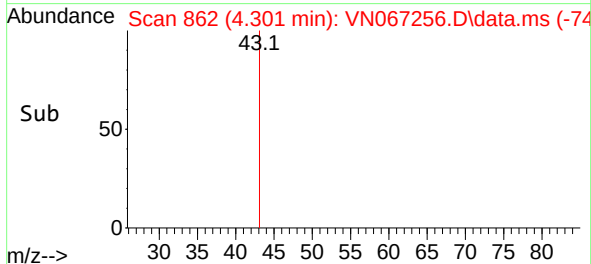
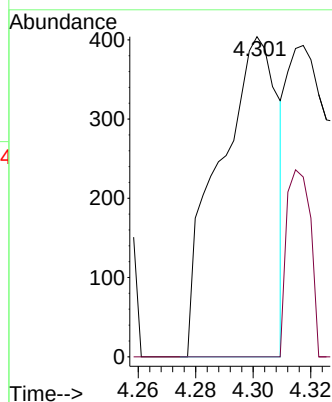
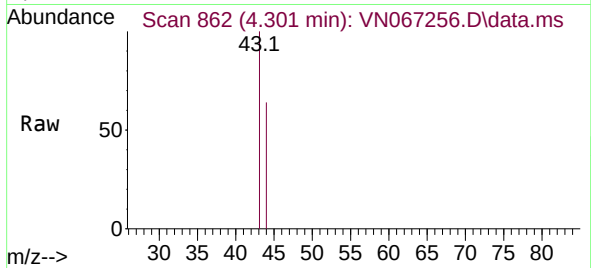




#16
Acetone
Concen: 1.245 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.008 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

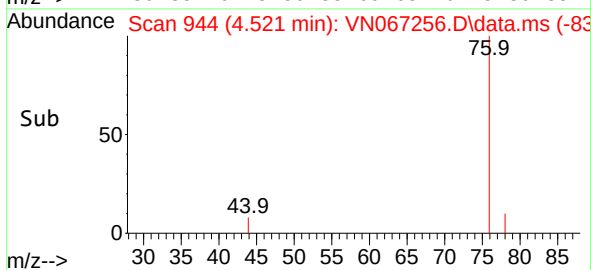
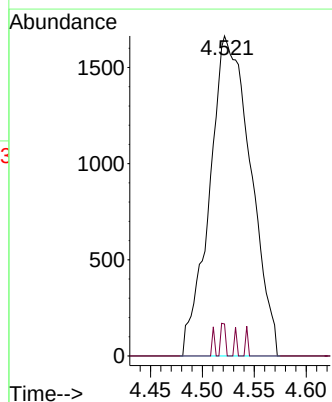
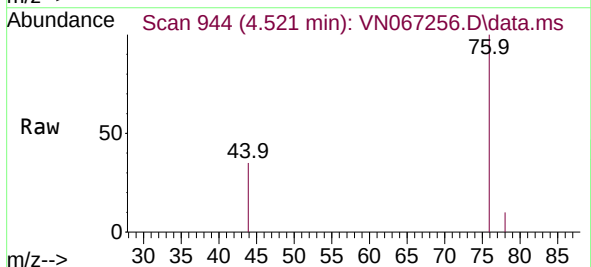
Instrument :
MSVOA_N
ClientSampled :
IBLK

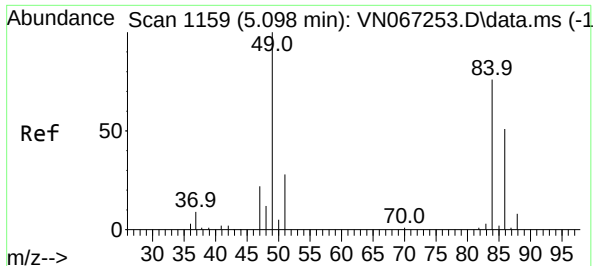
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#



#17
Carbon Disulfide
Concen: 1.688 ug/l
RT: 4.521 min Scan# 944
Delta R.T. -0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 76 Resp: 4573
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3





#20

Methylene Chloride

Concen: 0.312 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. -0.003 min

Lab File: VN067256.D

Acq: 7 Jun 2021 15:43

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 375

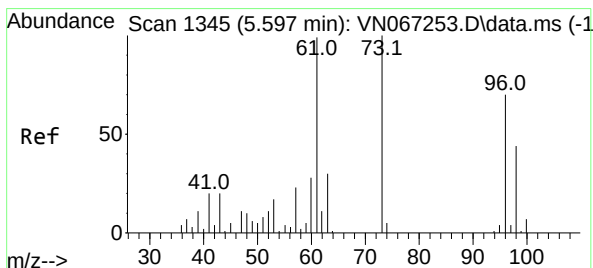
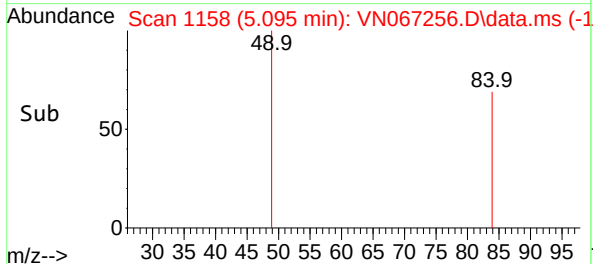
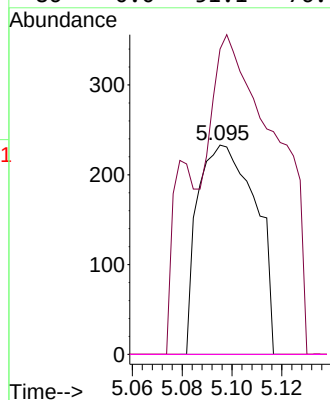
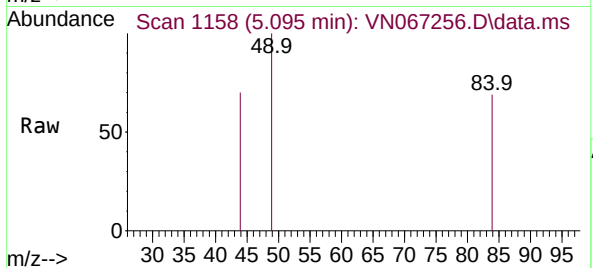
Ion Ratio Lower Upper

84 100

49 53.2 88.3 132.5#

51 0.0 26.7 40.1#

86 0.0 51.1 76.7#



#21

trans-1,2-Dichloroethene

Concen: 0.434 ug/l

RT: 5.607 min Scan# 1349

Delta R.T. 0.010 min

Lab File: VN067256.D

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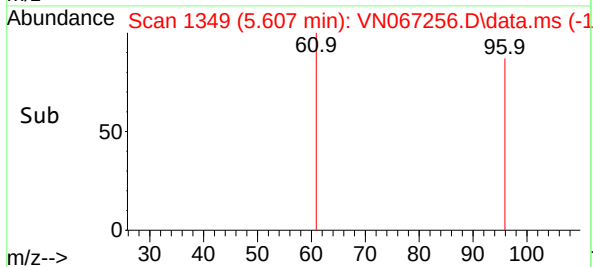
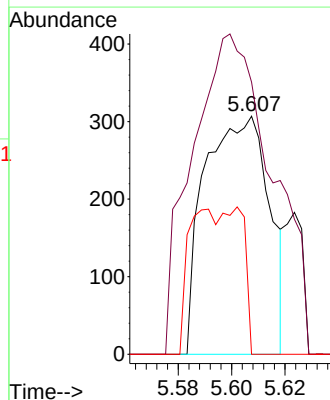
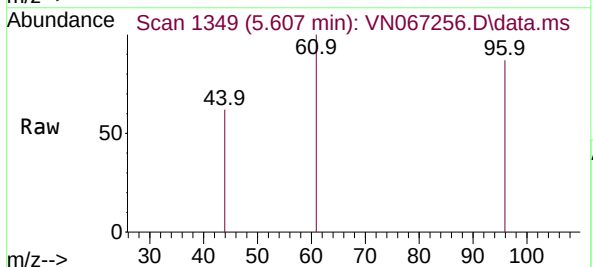
Tgt Ion: 96 Resp: 514

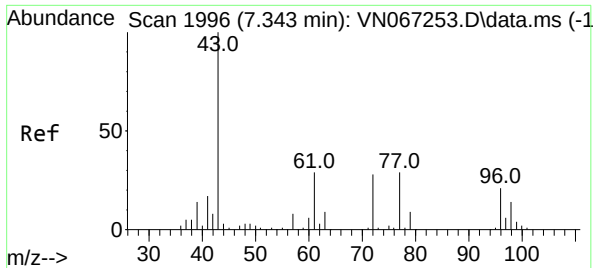
Ion Ratio Lower Upper

96 100

61 48.5 103.8 155.6#

98 0.0 49.8 74.8#

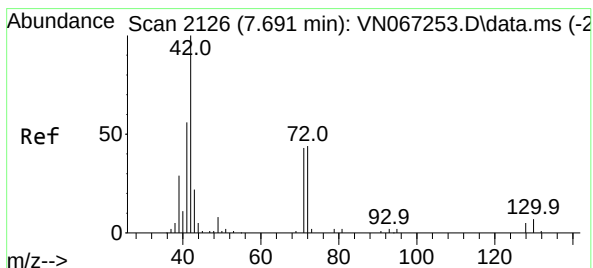
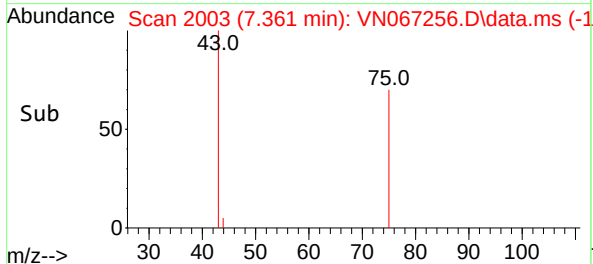
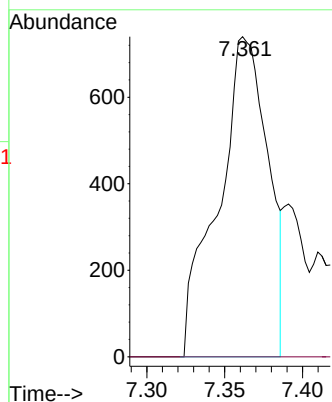
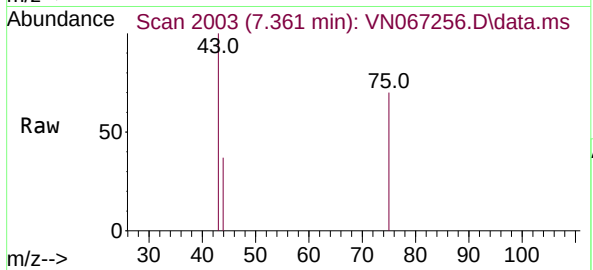




#25
2-Butanone
Concen: 1.859 ug/l
RT: 7.361 min Scan# 2003
Delta R.T. 0.018 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

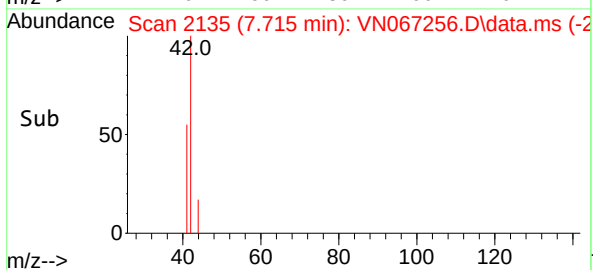
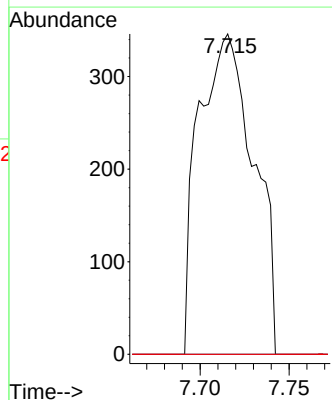
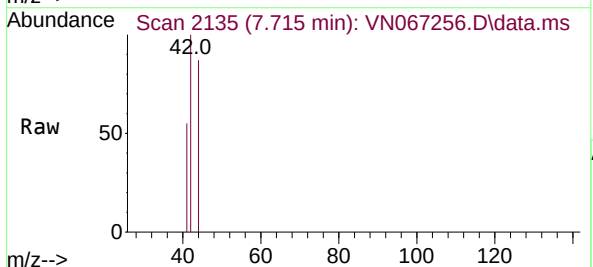
Instrument :
MSVOA_N
ClientSampled :
IBLK

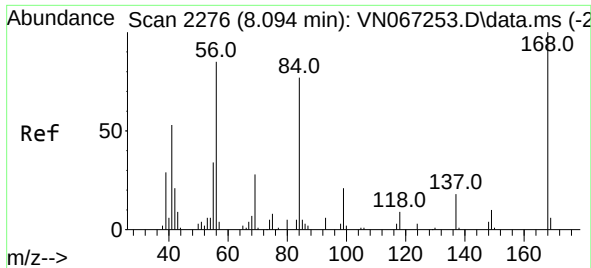
Tgt Ion: 43 Resp: 1652
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#29
Tetrahydrofuran
Concen: 1.328 ug/l
RT: 7.715 min Scan# 2135
Delta R.T. 0.024 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 42 Resp: 743
Ion Ratio Lower Upper
42 100
72 0.0 40.1 60.1#
71 0.0 37.9 56.9#

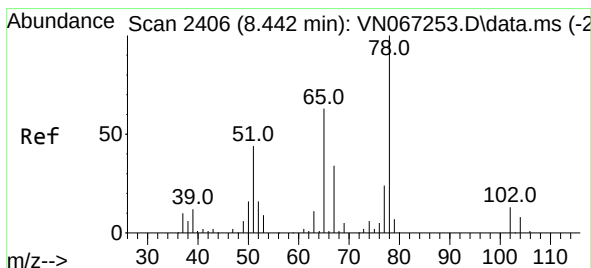
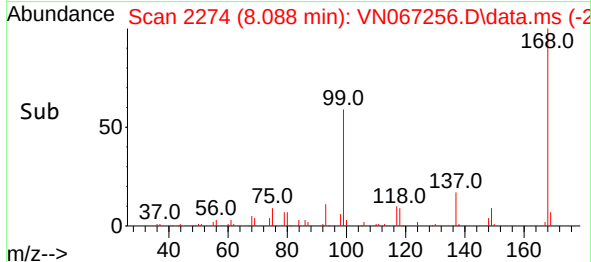
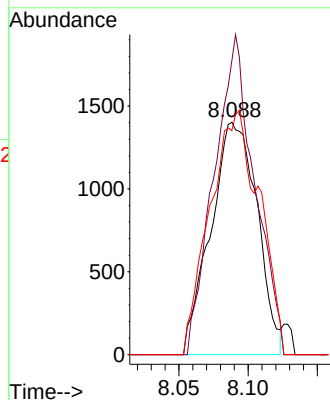
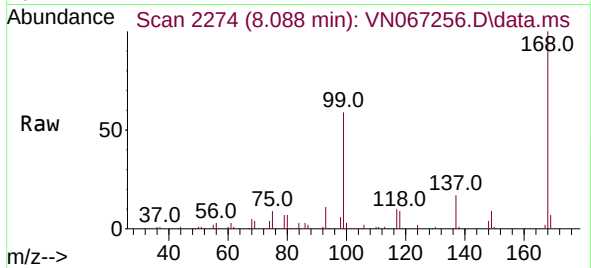




#31
Cyclohexane
Concen: 1.590 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

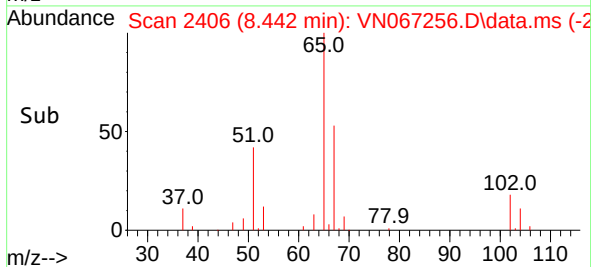
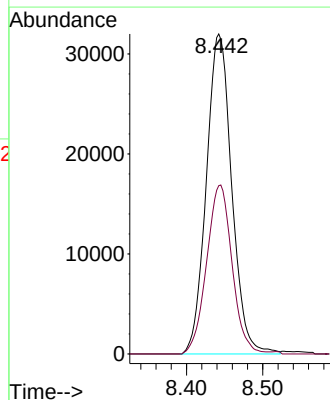
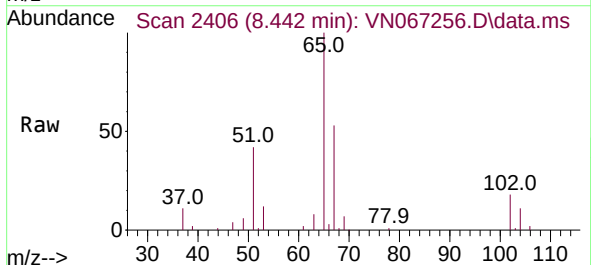
Instrument :
MSVOA_N
ClientSampled :
IBLK

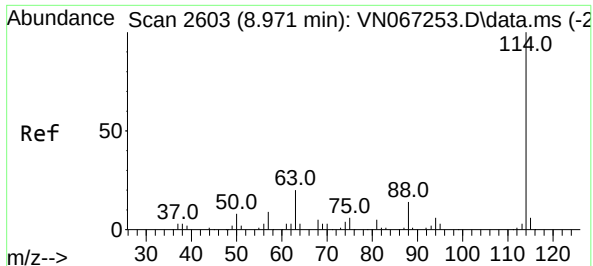
Tgt Ion: 56 Resp: 3268
Ion Ratio Lower Upper
56 100
69 126.5 28.0 42.0#
84 96.4 74.2 111.2



#33
1,2-Dichloroethane-d4
Concen: 46.454 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 65 Resp: 74142
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.4

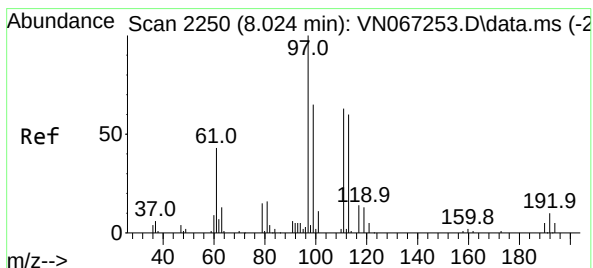
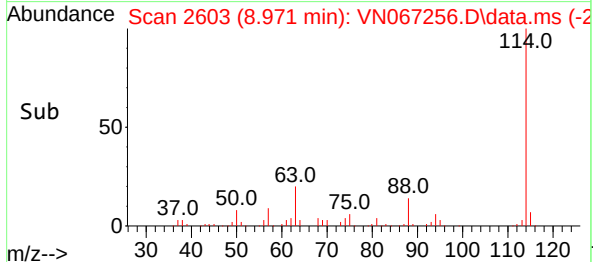
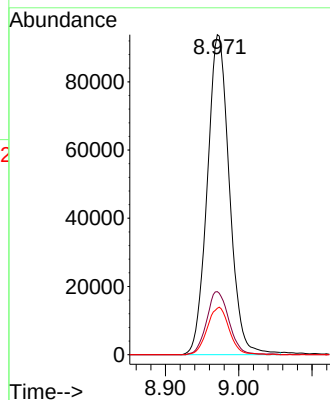
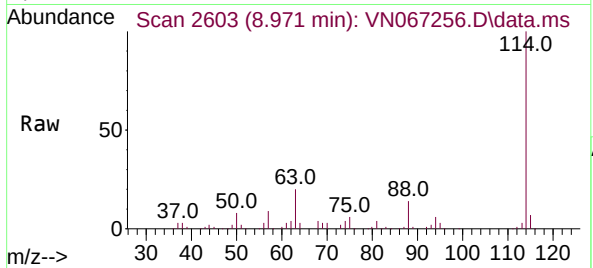




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

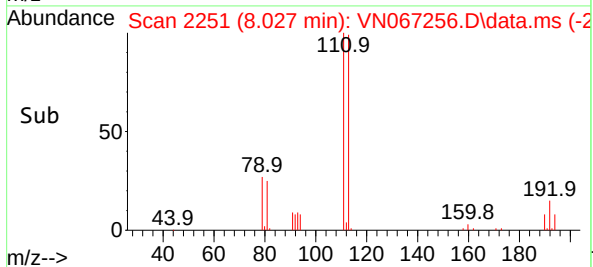
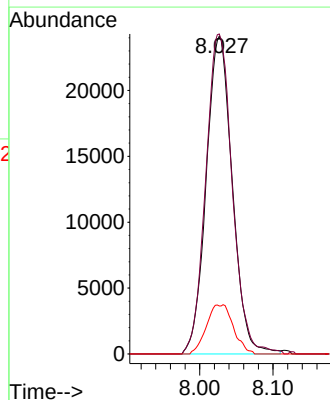
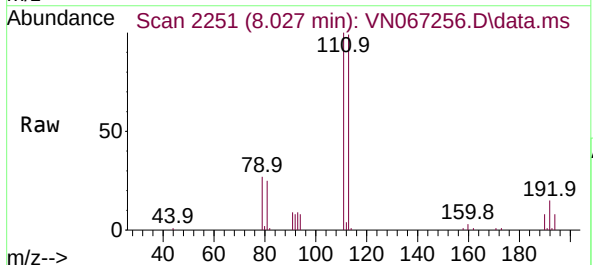
Instrument :
MSVOA_N
ClientSampled :
IBLK

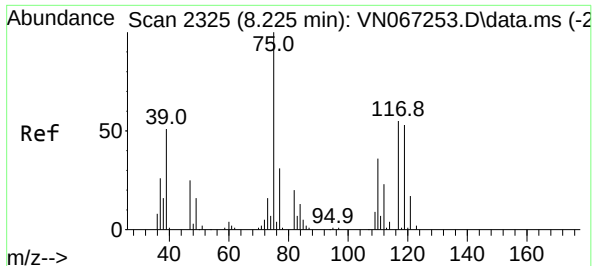
Tgt Ion:	114	Resp:	196830
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	35.8
88	14.5	0.0	30.4



#35
Dibromofluoromethane
Concen: 50.573 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:	113	Resp:	59663
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	124.0
192	8.0	18.2	27.4

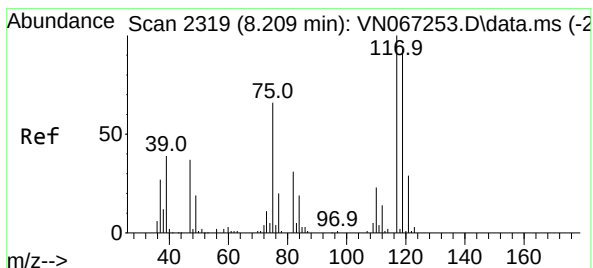
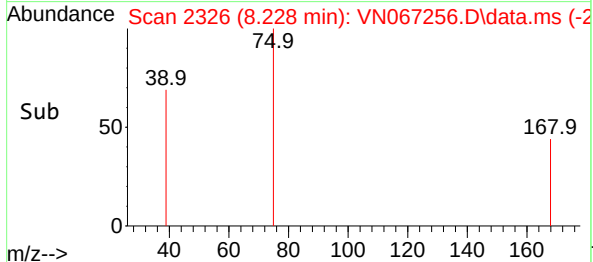
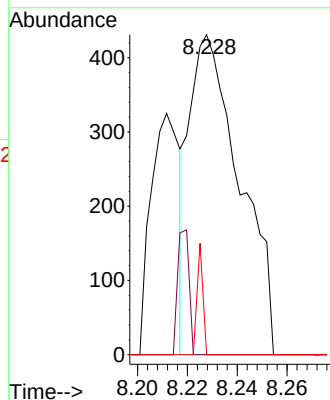
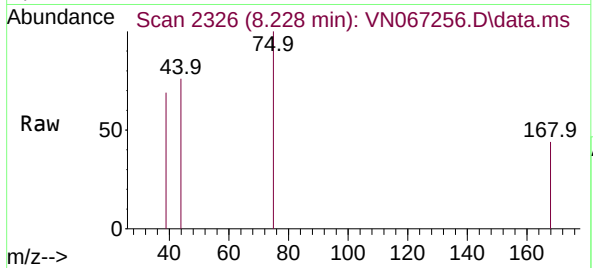




#36
1,1-Dichloropropene
Concen: 0.343 ug/l
RT: 8.228 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

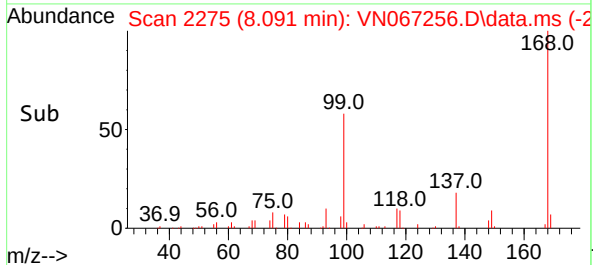
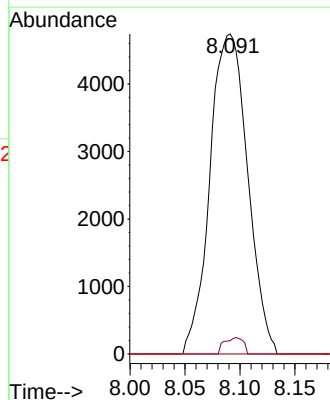
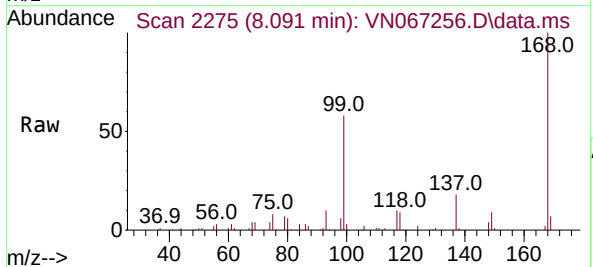
Instrument :
MSVOA_N
ClientSampled :
IBLK

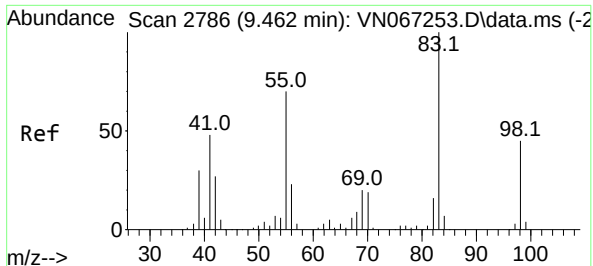
Tgt Ion: 75 Resp: 609
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.3#
77 3.9 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.020 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 117 Resp: 11320
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 0.351 ug/l

RT: 9.464 min Scan# 2787

Delta R.T. 0.002 min

Lab File: VN067256.D

Acq: 7 Jun 2021 15:43

Tgt Ion: 83 Resp: 729

Ion Ratio Lower Upper

83 100

55 79.2 56.2 84.2

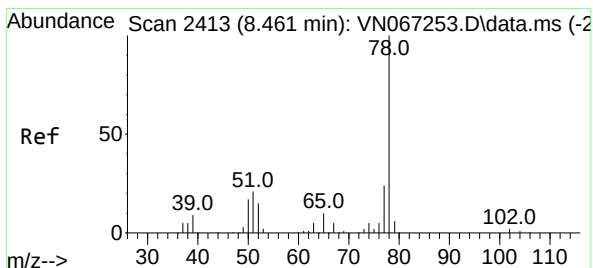
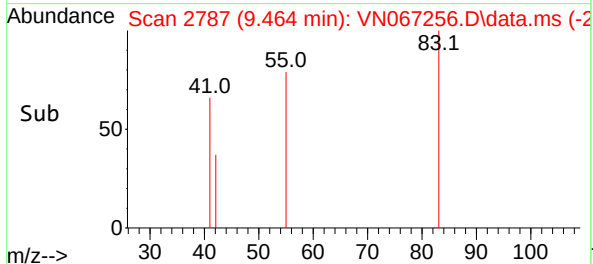
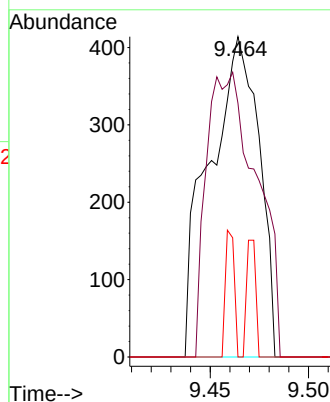
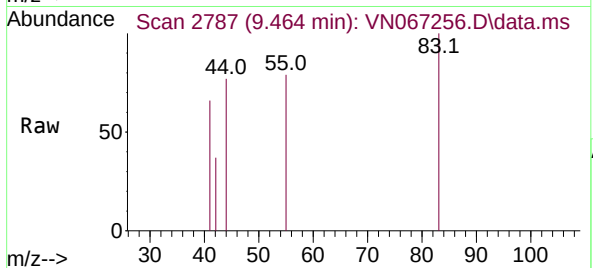
98 0.0 36.8 55.2#

Instrument :

MSVOA_N

ClientSampled :

IBLK



#40

Benzene

Concen: 0.200 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN067256.D

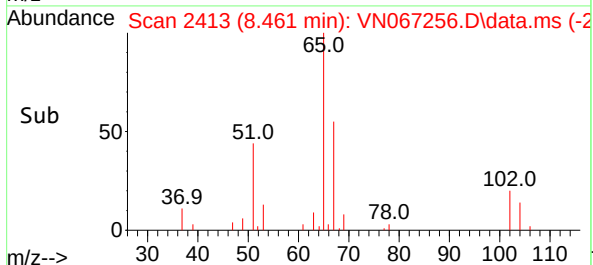
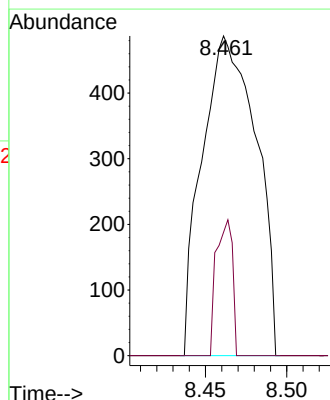
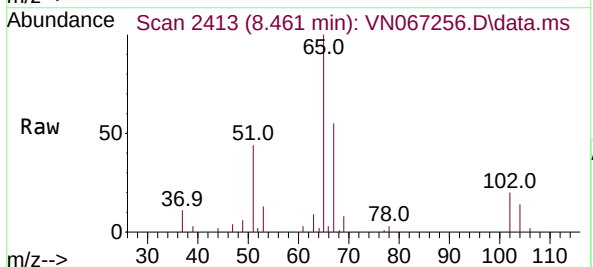
Acq: 7 Jun 2021 15:43

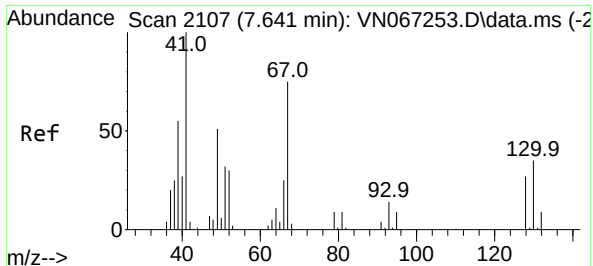
Tgt Ion: 78 Resp: 1125

Ion Ratio Lower Upper

78 100

77 38.6 18.4 27.6#

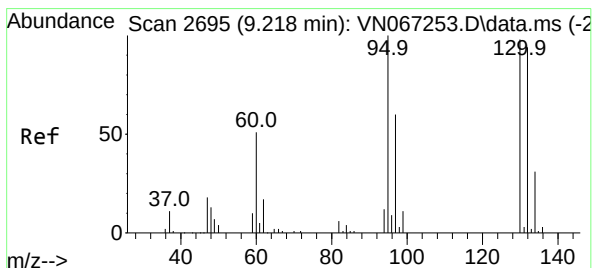
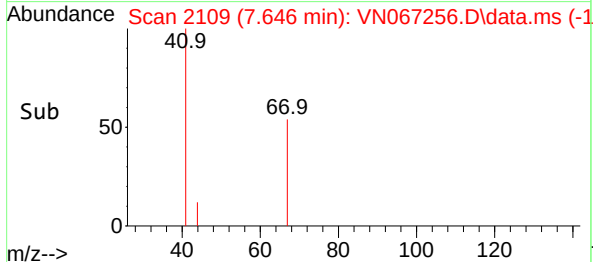
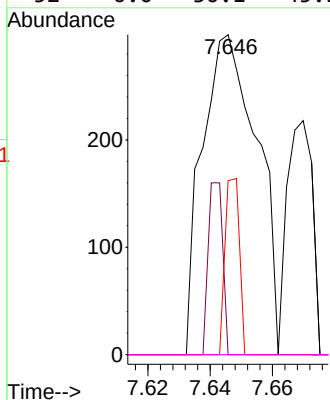
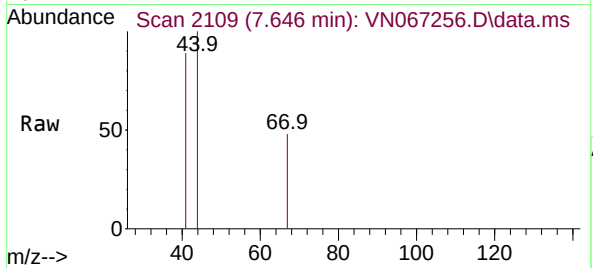




#41
Methacrylonitrile
Concen: 0.393 ug/l
RT: 7.646 min Scan# 2109
Delta R.T. 0.005 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

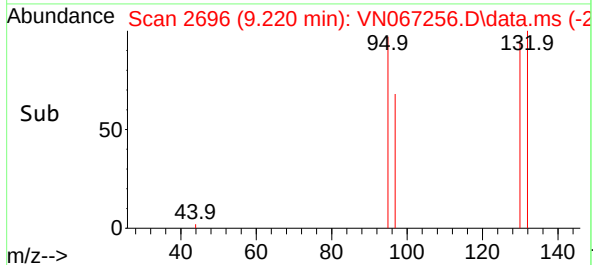
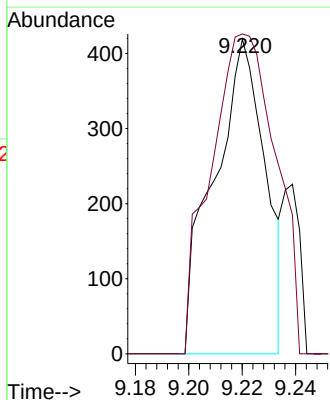
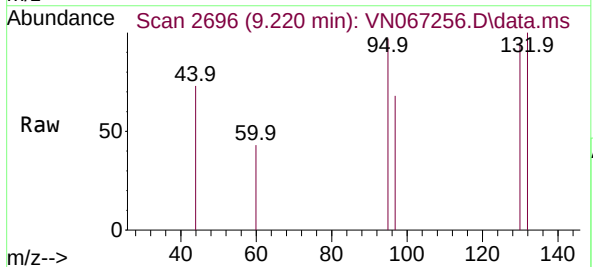
Instrument :
MSVOA_N
ClientSampled :
IBLK

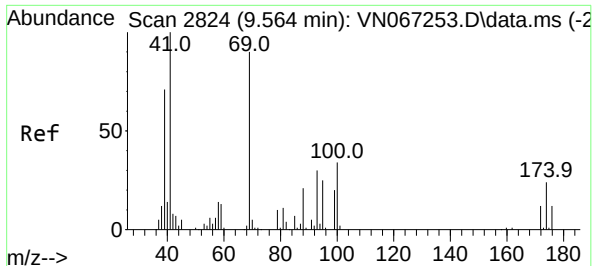
Tgt Ion:	41	Resp:	364
Ion	Ratio	Lower	Upper
41	100		
39	14.3	45.3	67.9#
67	14.3	85.1	127.7#
52	0.0	30.1	45.1#



#44
Trichloroethene
Concen: 0.404 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.002 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:	130	Resp:	559
Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	182.4





#48

Methyl methacrylate

Concen: 0.365 ug/l

RT: 9.566 min Scan# 2825

Delta R.T. 0.002 min

Lab File: VN067256.D

Acq: 7 Jun 2021 15:43

Tgt Ion: 41 Resp: 542

Ion Ratio Lower Upper

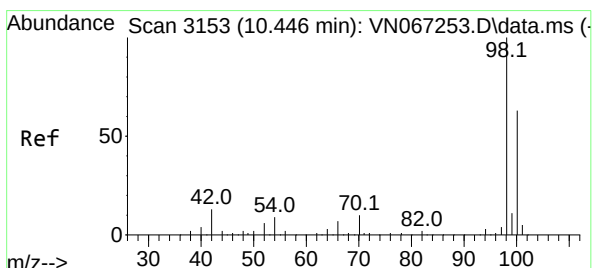
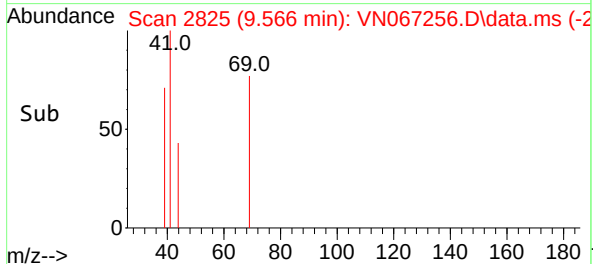
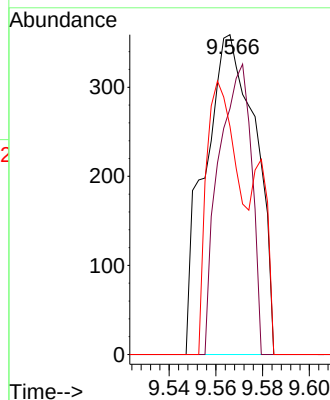
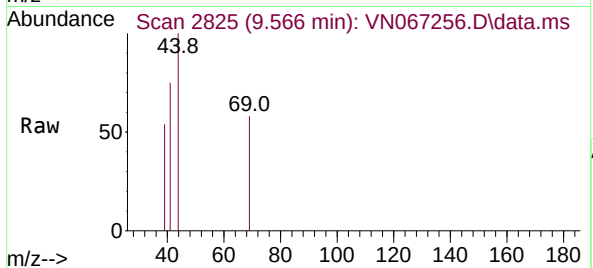
41	100		
69	58.1	80.5	120.7#
39	55.4	41.4	62.0

Instrument :

MSVOA_N

ClientSampled :

IBLK



#50

Toluene-d8

Concen: 42.164 ug/l

RT: 10.446 min Scan# 3153

Delta R.T. -0.000 min

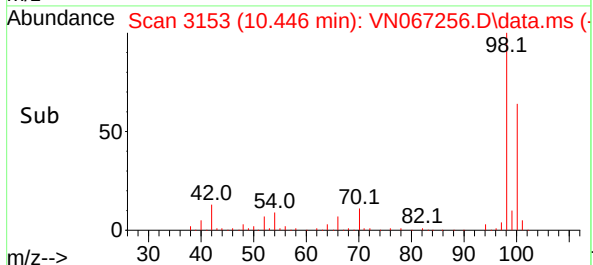
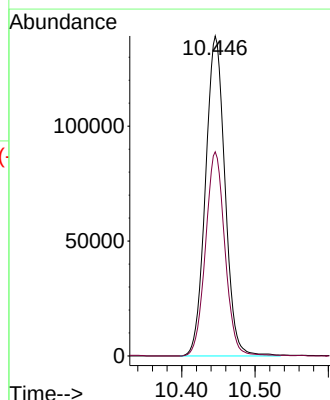
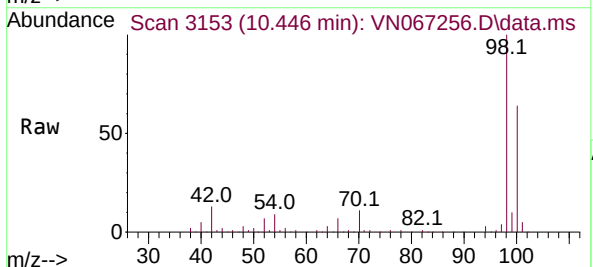
Lab File: VN067256.D

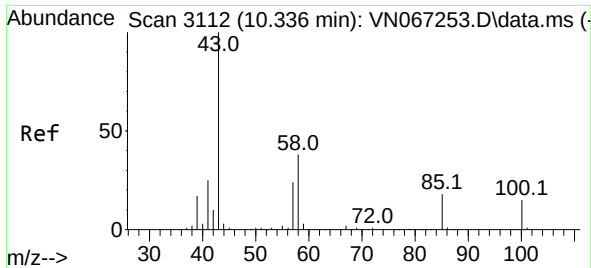
Acq: 7 Jun 2021 15:43

Tgt Ion: 98 Resp: 257195

Ion Ratio Lower Upper

98	100		
100	63.5	51.8	77.8

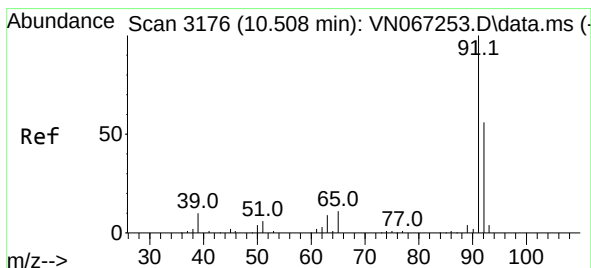
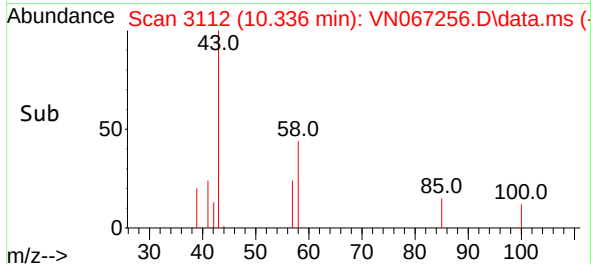
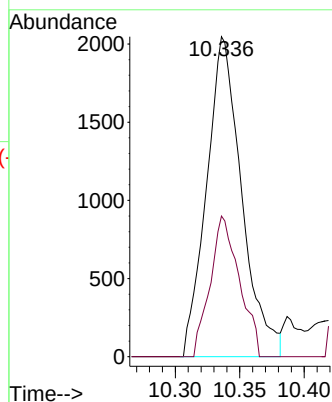
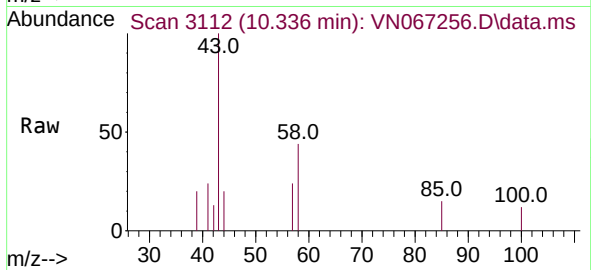




#51
4-Methyl-2-Pentanone
Concen: 1.765 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. -0.000 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

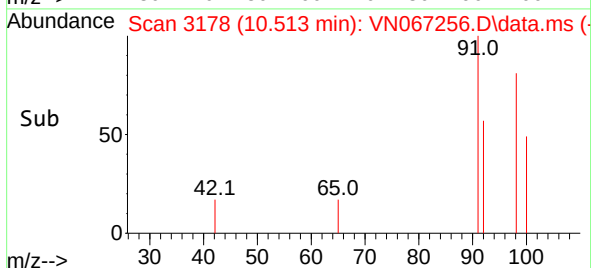
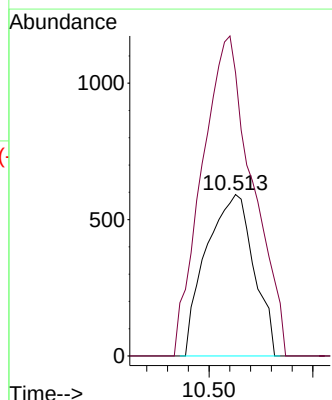
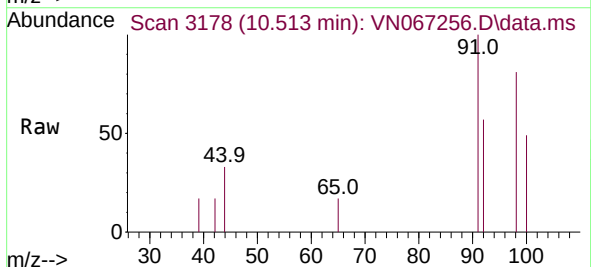
Instrument :
MSVOA_N
ClientSampled :
IBLK

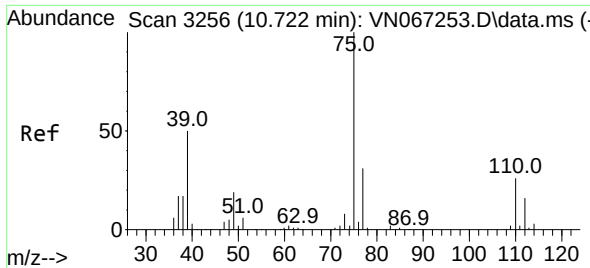
Tgt Ion: 43 Resp: 3877
Ion Ratio Lower Upper
43 100
58 36.4 34.5 51.7



#52
Toluene
Concen: 5.941 ug/l
RT: 10.513 min Scan# 3178
Delta R.T. 0.005 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 92 Resp: 943
Ion Ratio Lower Upper
92 100
91 210.4 138.7 208.1#

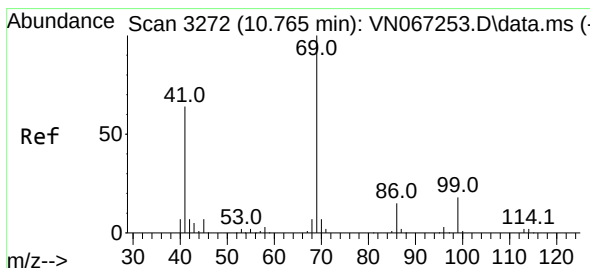
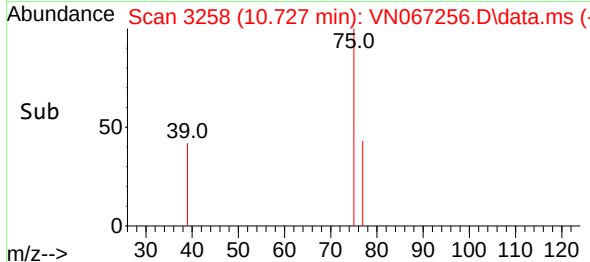
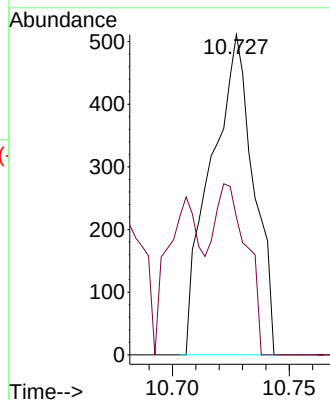
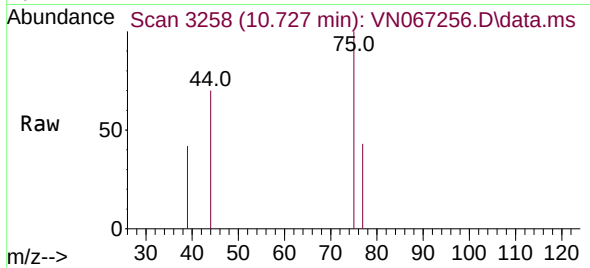




#53
t-1,3-Dichloropropene
Concen: 0.260 ug/l
RT: 10.727 min Scan# 3258
Delta R.T. 0.005 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

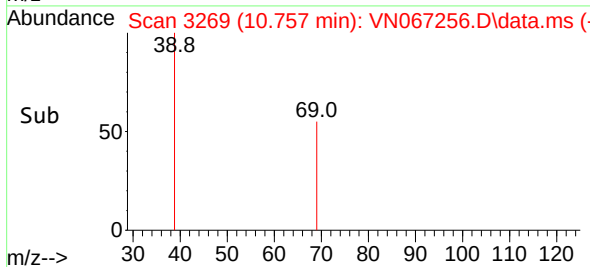
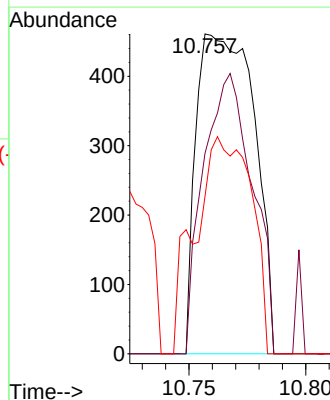
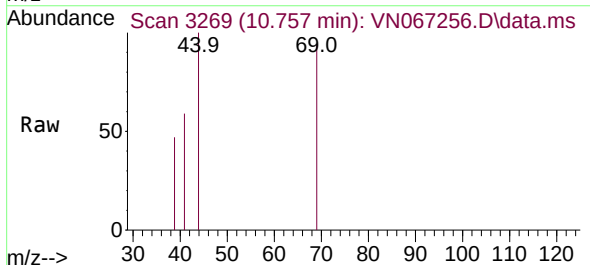
Instrument :
MSVOA_N
ClientSampled :
IBLK

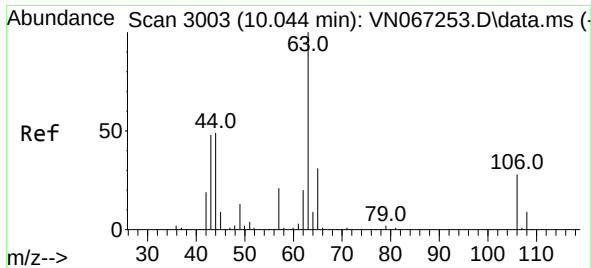
Tgt Ion: 75 Resp: 650
Ion Ratio Lower Upper
75 100
77 43.1 25.5 38.3#



#56
Ethyl methacrylate
Concen: 5.658 ug/l
RT: 10.757 min Scan# 3269
Delta R.T. -0.008 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 69 Resp: 794
Ion Ratio Lower Upper
69 100
41 74.4 45.5 68.3#
39 66.5 22.9 34.3#

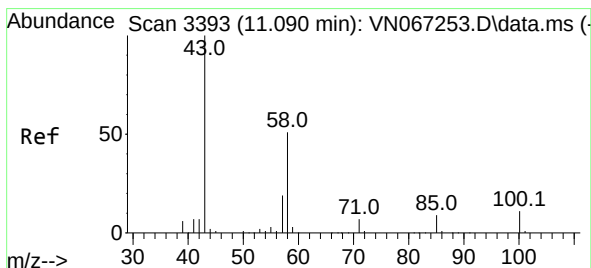
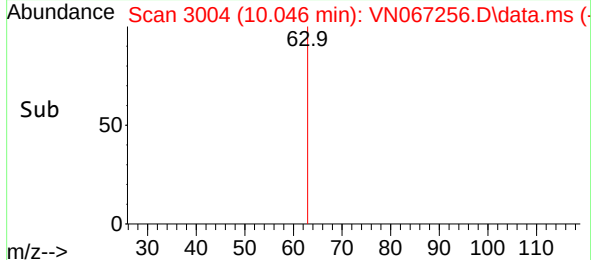
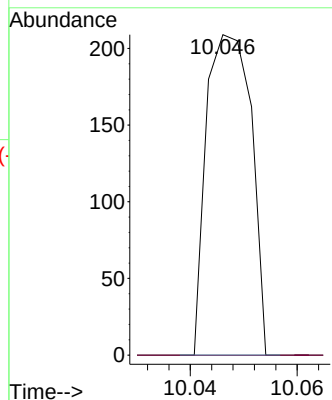
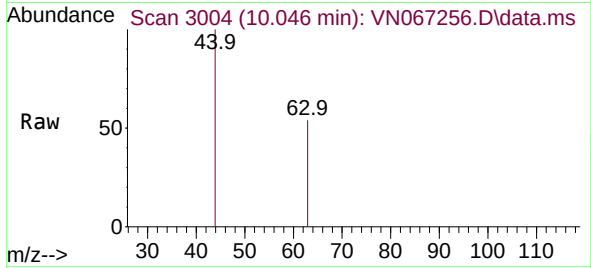




#58
2-Chloroethyl Vinyl ether
Concen: 24.240 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.002 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

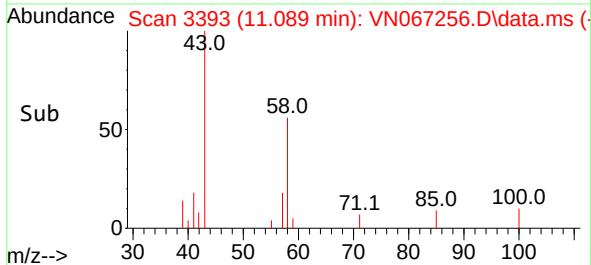
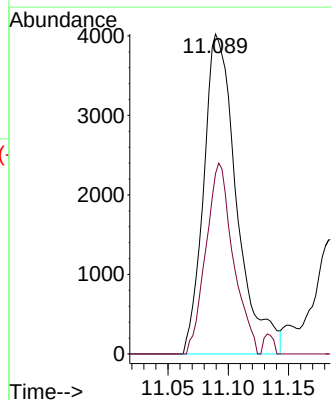
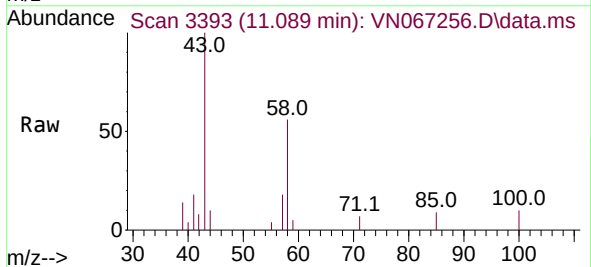
Instrument :
MSVOA_N
ClientSampled :
IBLK

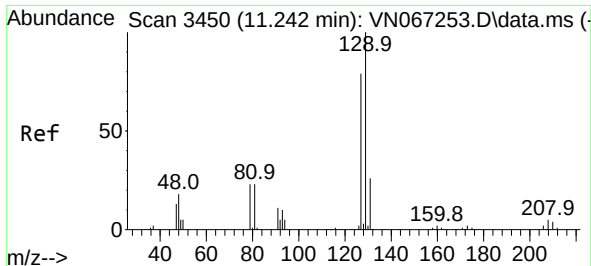
Tgt Ion: 63 Resp: 122
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 4.843 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. -0.001 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 43 Resp: 7657
Ion Ratio Lower Upper
43 100
58 49.4 29.8 89.5

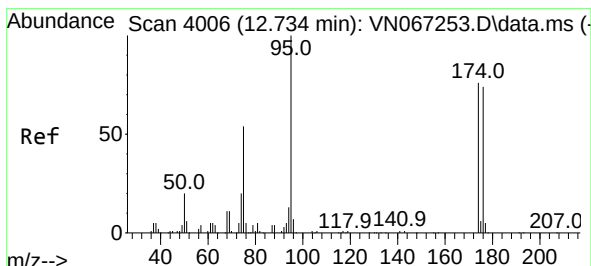
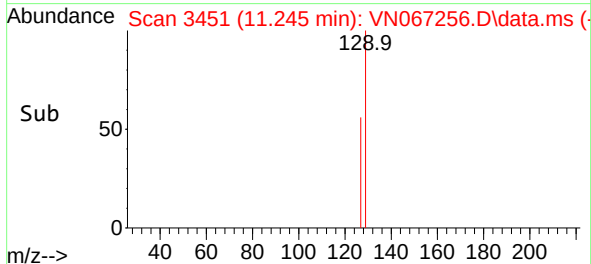
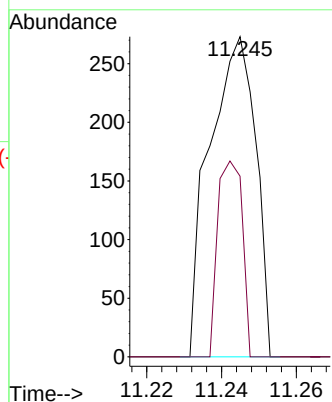
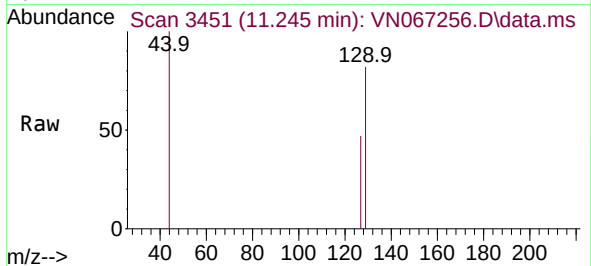




#60
Dibromochloromethane
Concen: 5.883 ug/l
RT: 11.245 min Scan# 3451
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

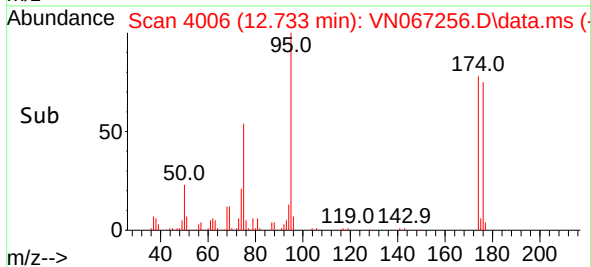
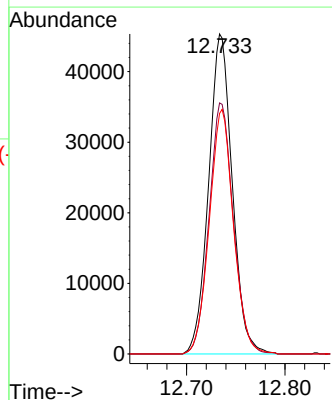
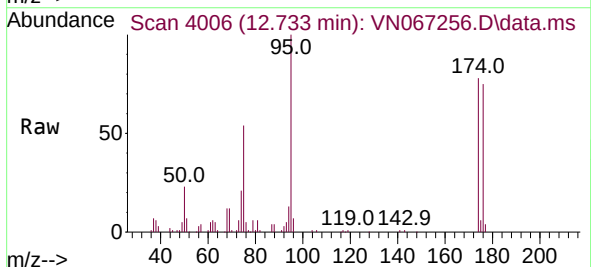
Instrument :
MSVOA_N
ClientSampled :
IBLK

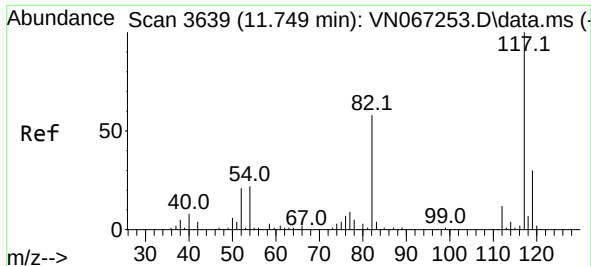
Tgt Ion:129 Resp: 234
Ion Ratio Lower Upper
129 100
127 32.5 38.9 116.6#



#62
4-Bromofluorobenzene
Concen: 31.836 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 95 Resp: 75851
Ion Ratio Lower Upper
95 100
174 80.8 0.0 182.8
176 78.1 0.0 176.6

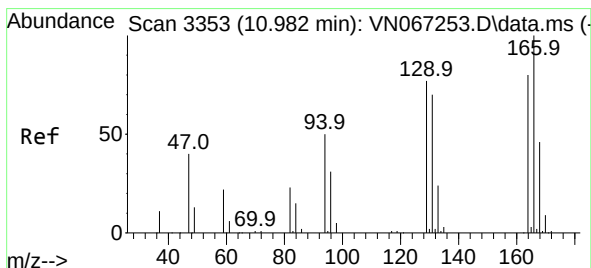
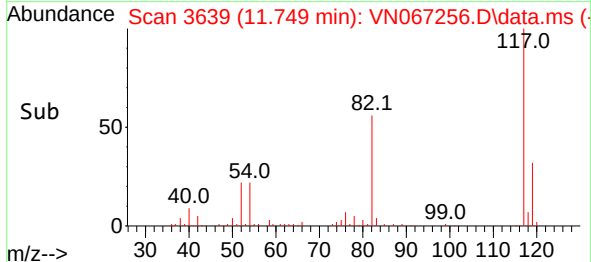
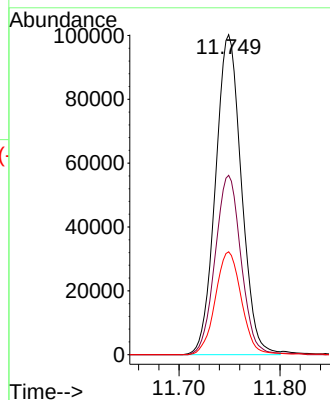
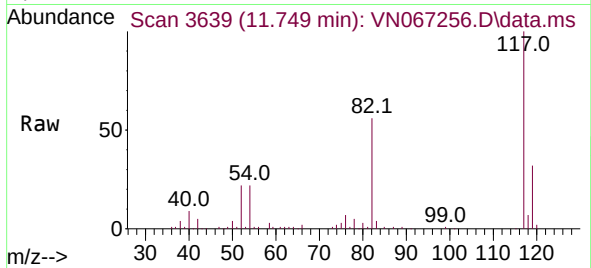




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

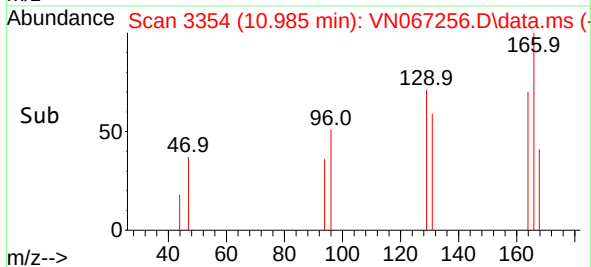
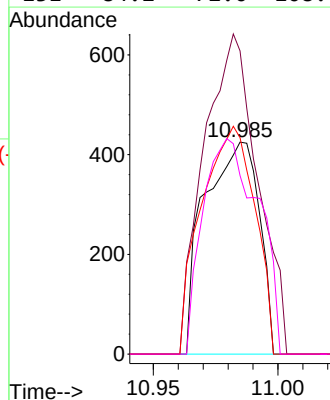
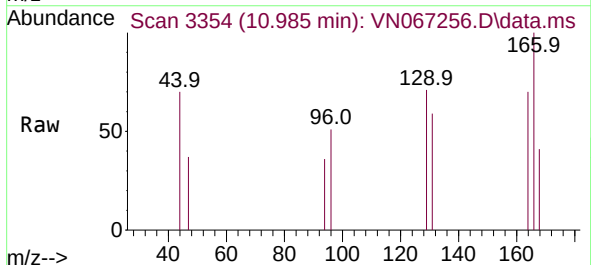
Instrument :
MSVOA_N
ClientSampled :
IBLK

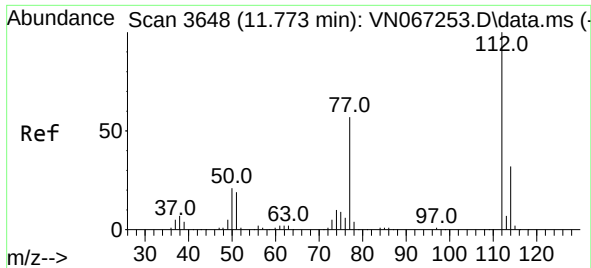
Tgt Ion:117 Resp: 178212
Ion Ratio Lower Upper
117 100
82 56.1 42.2 63.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 0.539 ug/l
RT: 10.985 min Scan# 3354
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:164 Resp: 646
Ion Ratio Lower Upper
164 100
166 143.1 103.0 154.6
129 102.1 73.3 109.9
131 84.2 72.0 108.0

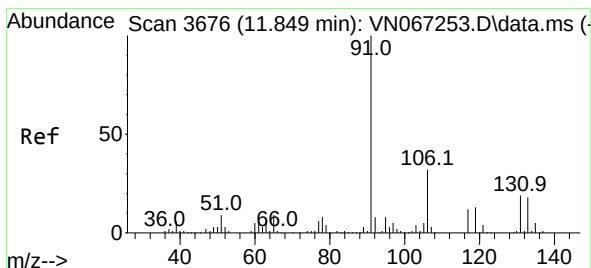
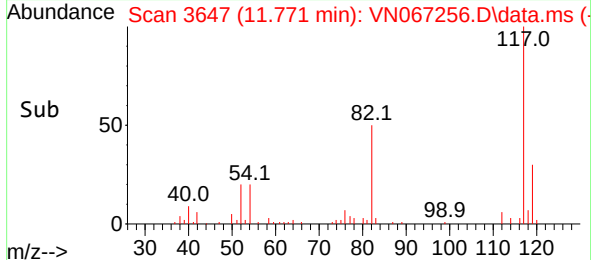
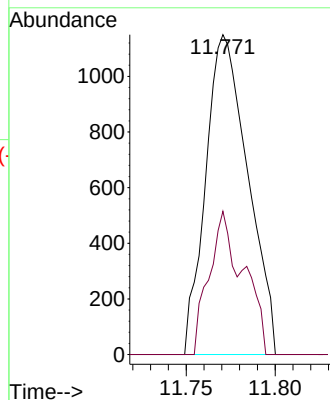
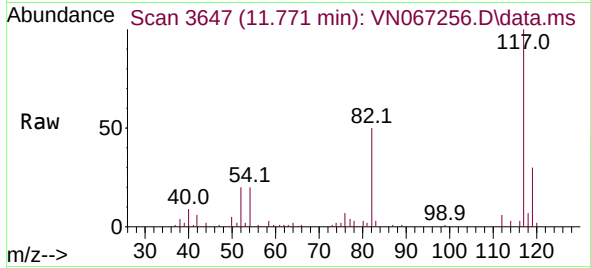




#65
Chlorobenzene
Concen: 0.499 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

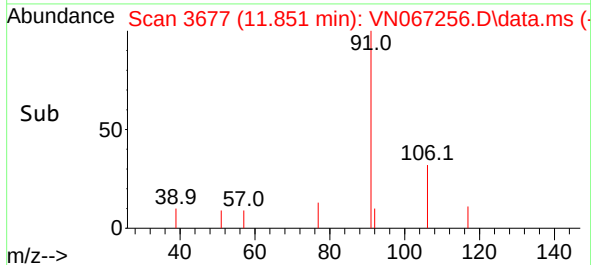
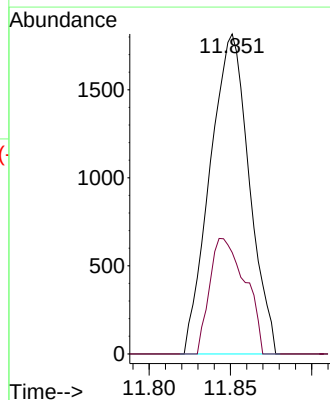
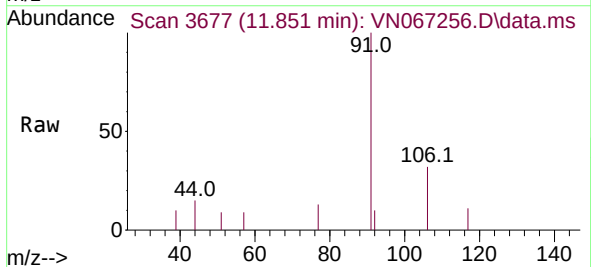
Instrument :
MSVOA_N
ClientSampleId :
IBLK

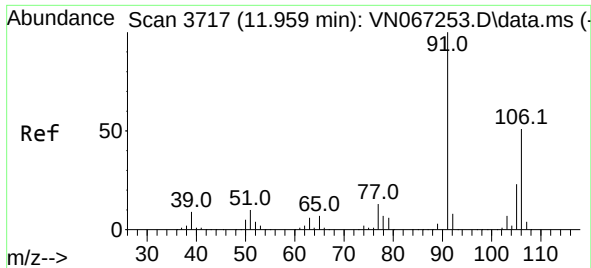
Tgt Ion:112 Resp: 1892
Ion Ratio Lower Upper
112 100
114 44.8 25.6 38.4#



#67
Ethyl Benzene
Concen: 0.434 ug/l
RT: 11.851 min Scan# 3677
Delta R.T. 0.002 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 91 Resp: 3046
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.2

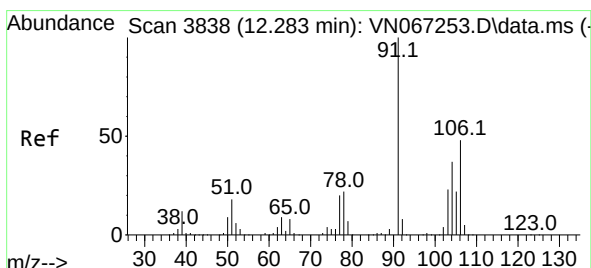
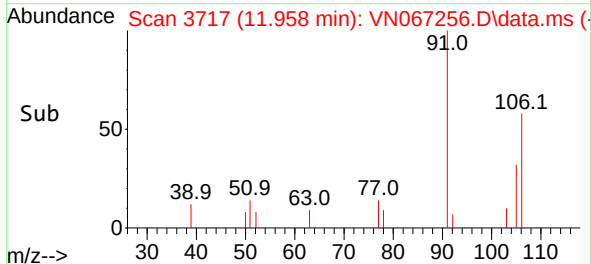
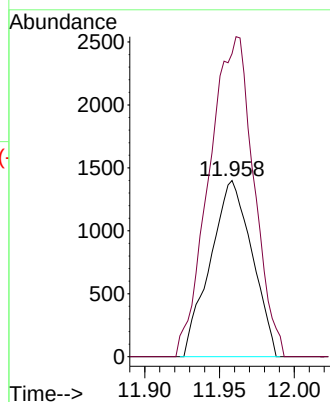
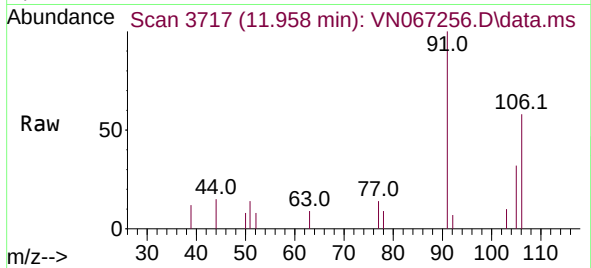




#68
m/p-Xylenes
Concen: 0.954 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. -0.001 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

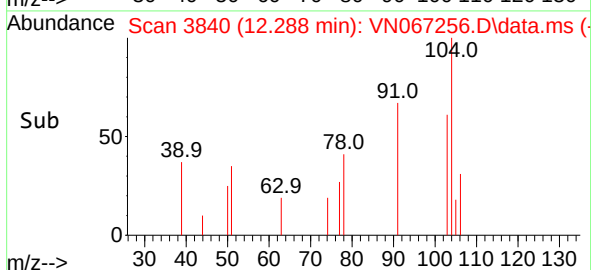
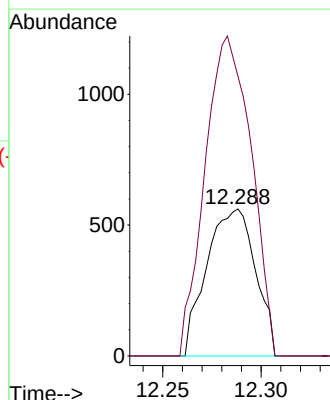
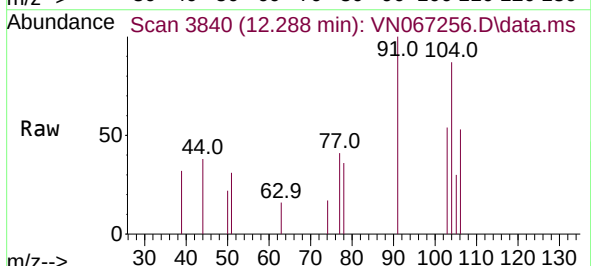
Instrument :
MSVOA_N
ClientSampleId :
IBLK

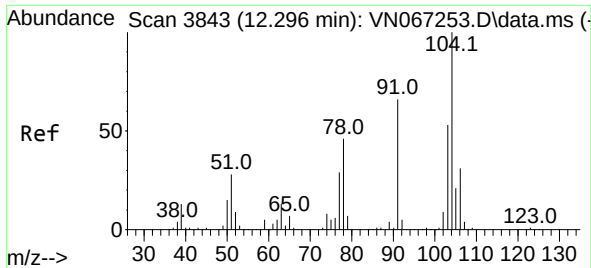
Tgt Ion:106 Resp: 2719
Ion Ratio Lower Upper
106 100
91 194.5 155.2 232.8



#69
o-Xylene
Concen: 0.349 ug/l
RT: 12.288 min Scan# 3840
Delta R.T. 0.005 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:106 Resp: 970
Ion Ratio Lower Upper
106 100
91 206.1 102.3 306.8

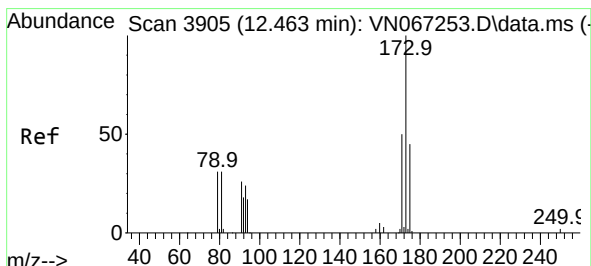
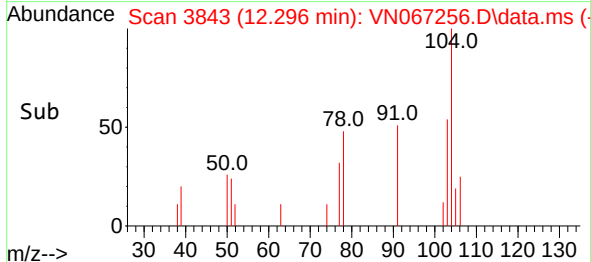
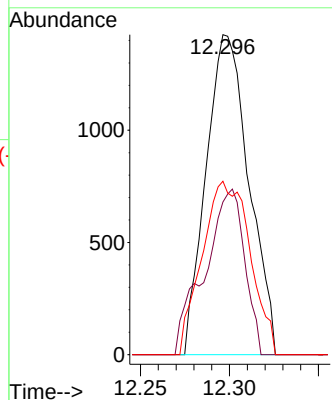
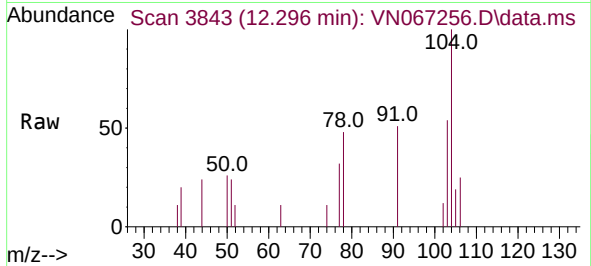




#70
Styrene
Concen: 2.833 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

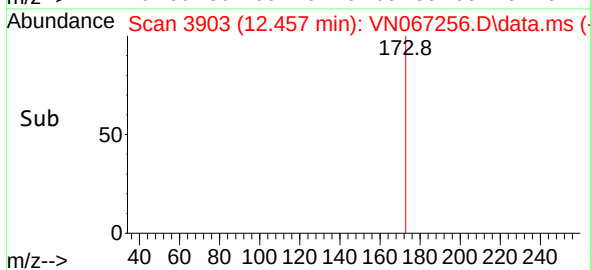
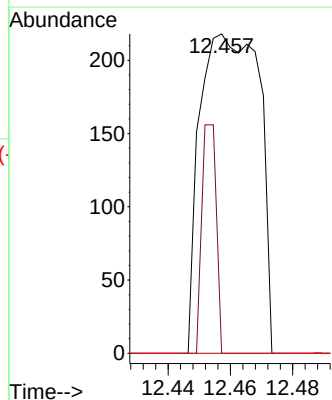
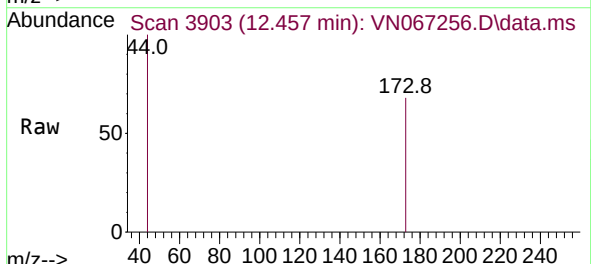
Instrument :
MSVOA_N
ClientSampleId :
IBLK

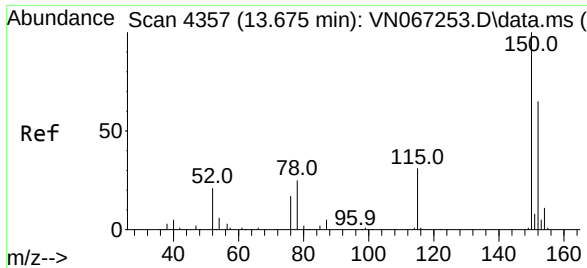
Tgt Ion:	104	Resp:	2383
Ion	Ratio	Lower	Upper
104	100		
78	48.3	37.7	56.5
103	60.6	44.2	66.4



#71
Bromoform
Concen: 3.178 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.006 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:	173	Resp:	286
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.3	73.0#
254	0.0	0.0	0.0

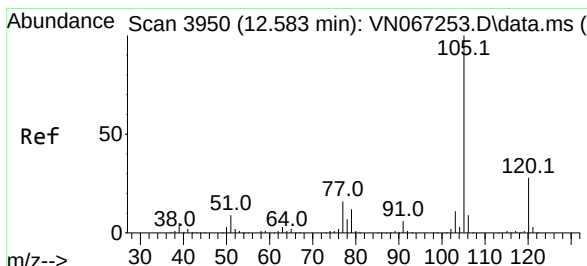
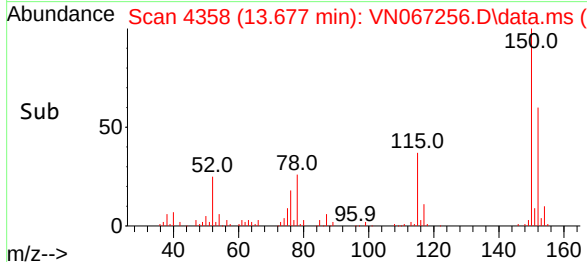
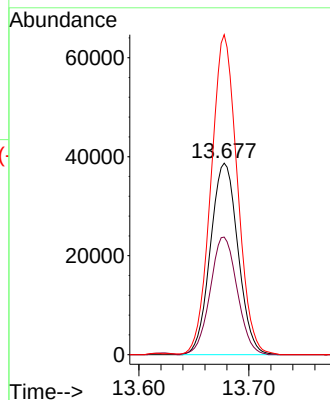
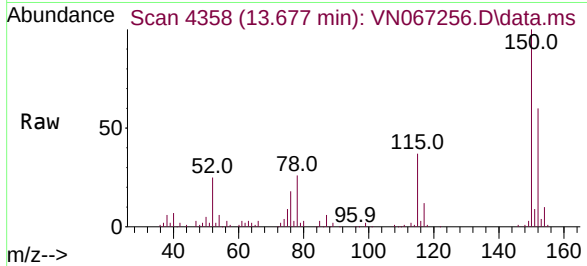




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

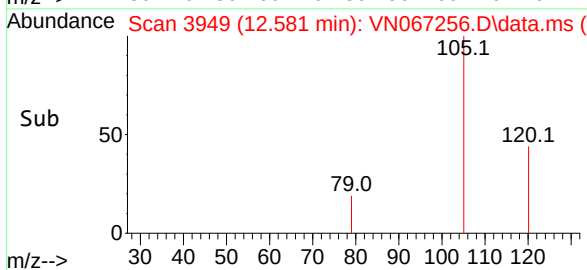
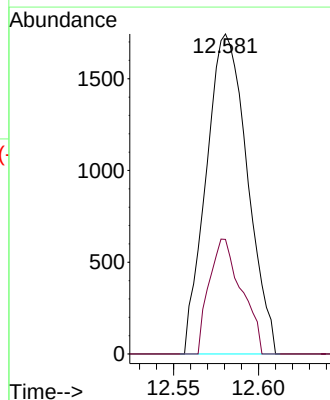
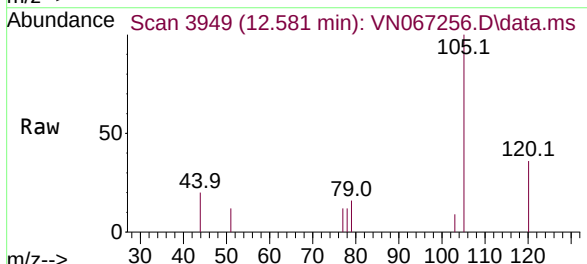
Instrument :
MSVOA_N
ClientSampled :
IBLK

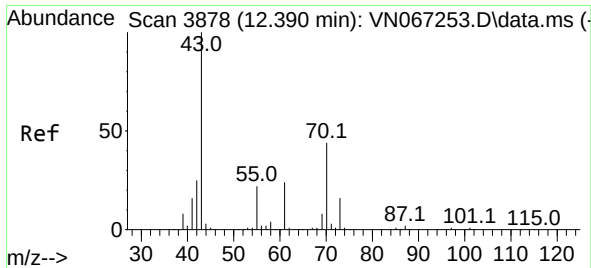
Tgt Ion:152 Resp: 67329
Ion Ratio Lower Upper
152 100
115 60.3 27.0 80.8
150 159.7 0.0 350.2



#73
Isopropylbenzene
Concen: 0.553 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:105 Resp: 2936
Ion Ratio Lower Upper
105 100
120 28.3 13.7 41.0

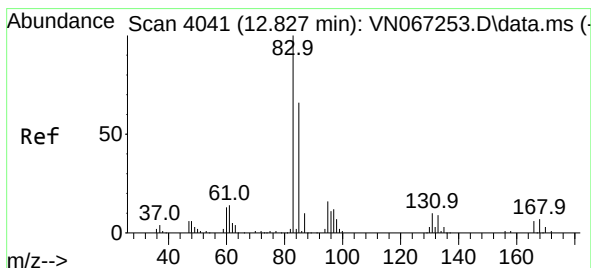
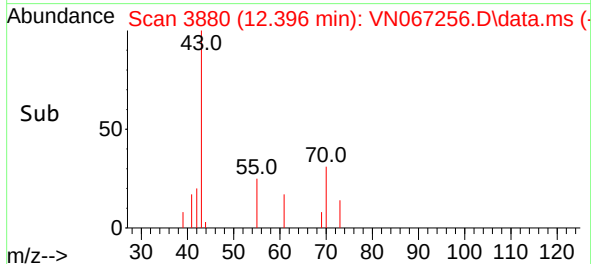
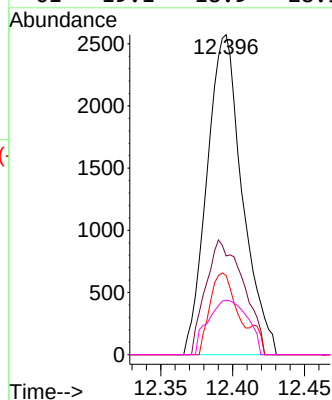
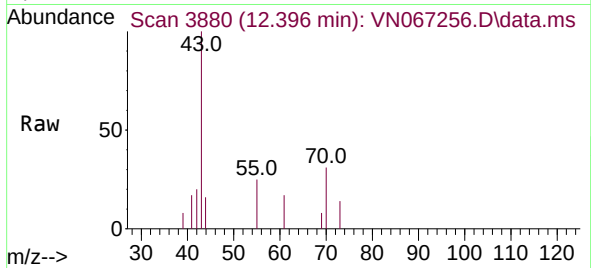




#74
N-amy1 acetate
Concen: 2.102 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.005 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

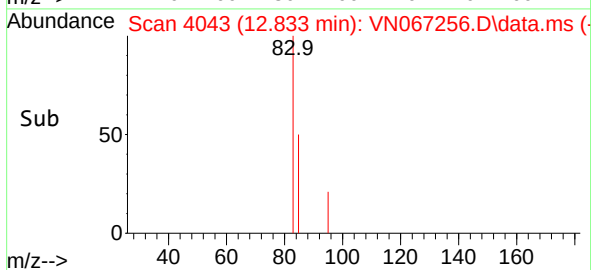
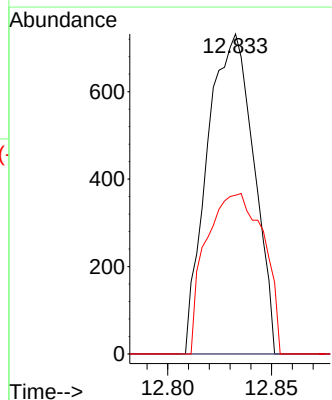
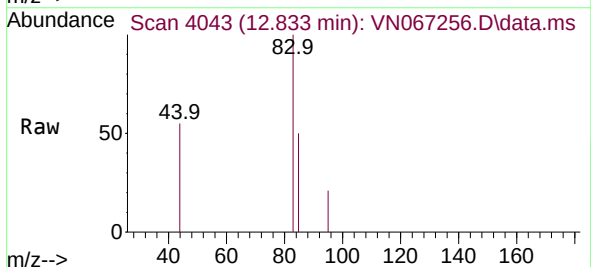
Instrument :
MSVOA_N
ClientSampleId :
IBLK

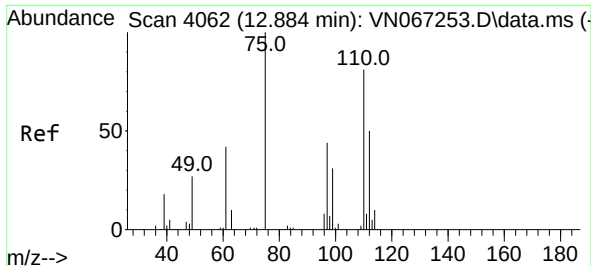
Tgt Ion: 43	Resp: 4387
Ion Ratio	Lower Upper
43 100	
70 38.4	36.7 55.1
55 19.7	17.6 26.4
61 19.1	18.9 28.3



#75
1,1,2,2-Tetrachloroethane
Concen: 0.781 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.006 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 83	Resp: 1139
Ion Ratio	Lower Upper
83 100	
131 0.0	5.3 16.1#
85 61.7	32.6 97.8

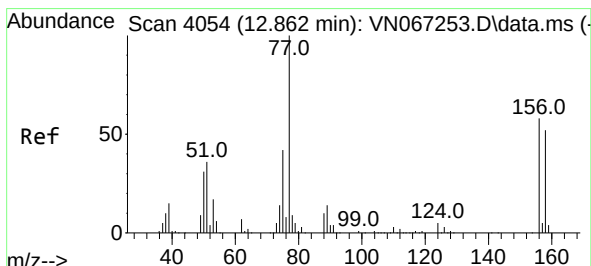
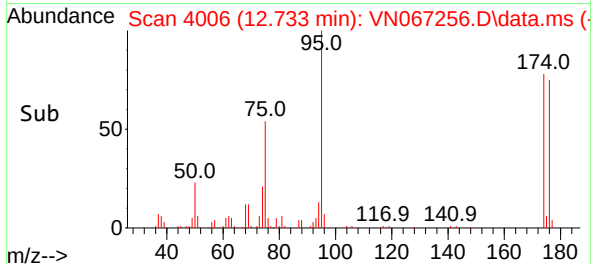
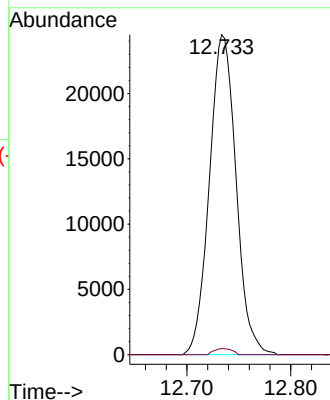
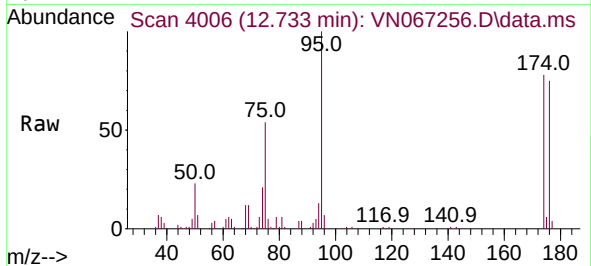




#76
1,2,3-Trichloropropane
Concen: 34.441 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

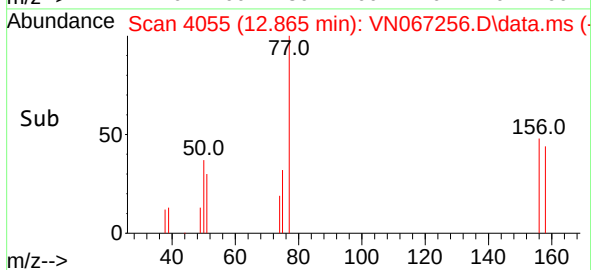
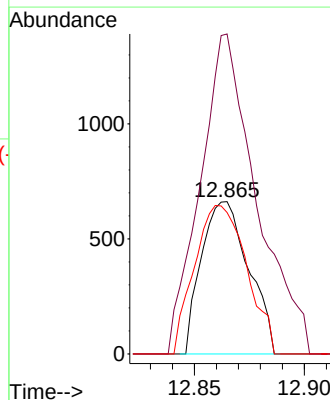
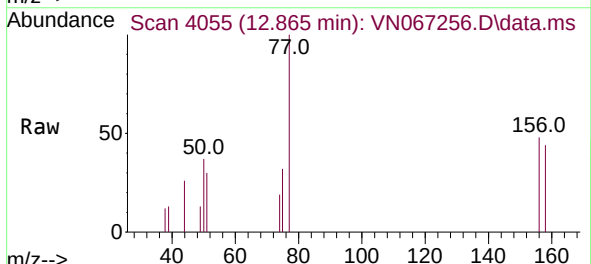
Instrument :
MSVOA_N
ClientSampled :
IBLK

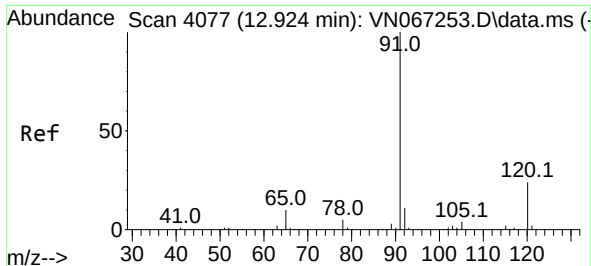
Tgt Ion: 75 Resp: 43681
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#77
Bromobenzene
Concen: 0.863 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:156 Resp: 989
Ion Ratio Lower Upper
156 100
77 250.1 87.9 263.8
158 107.4 49.0 147.2

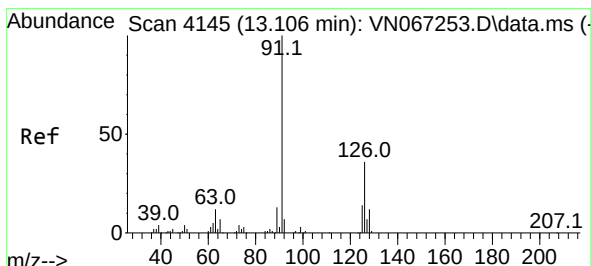
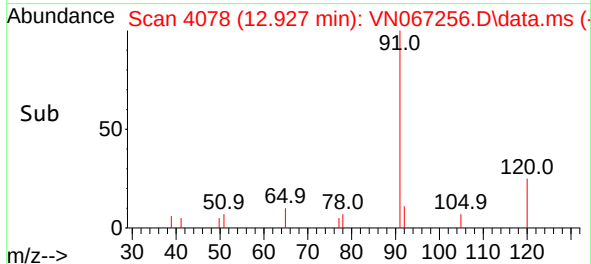
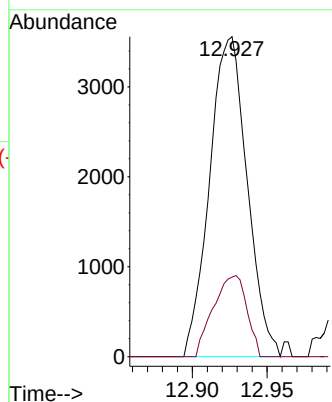
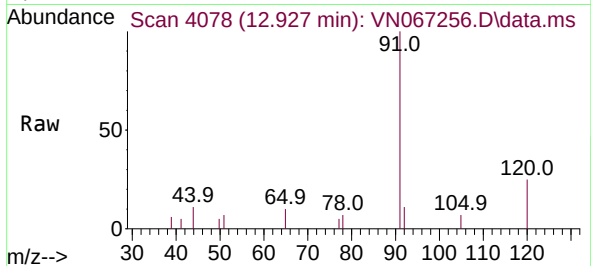




#78
n-propylbenzene
Concen: 1.039 ug/l
RT: 12.927 min Scan# 4078
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

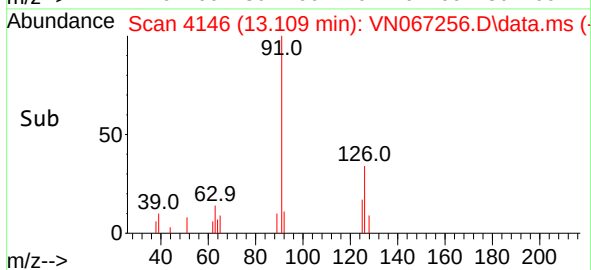
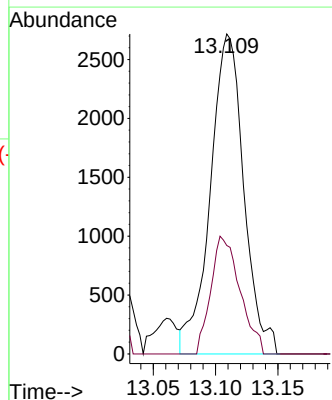
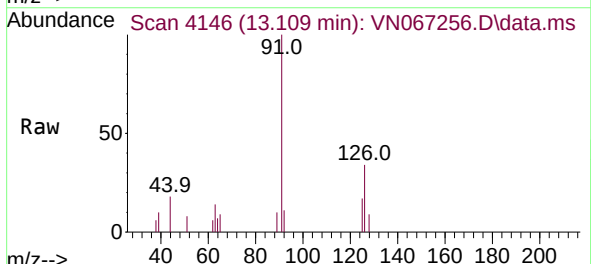
Instrument :
MSVOA_N
ClientSampled :
IBLK

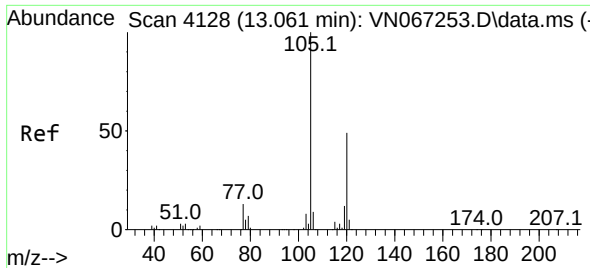
Tgt Ion: 91 Resp: 6220
Ion Ratio Lower Upper
91 100
120 22.5 12.7 38.0



#79
2-Chlorotoluene
Concen: 1.400 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

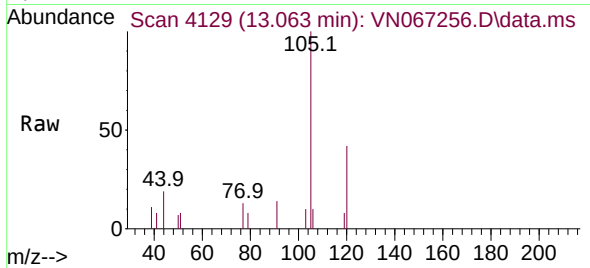
Tgt Ion: 91 Resp: 5075
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8



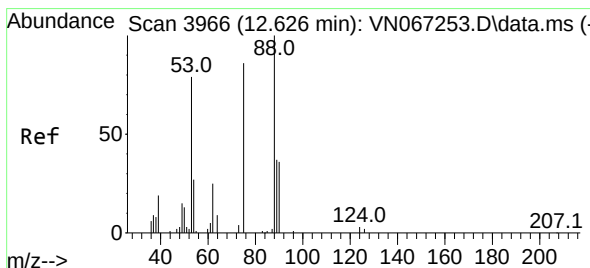
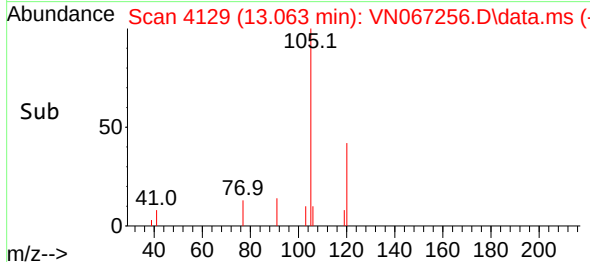
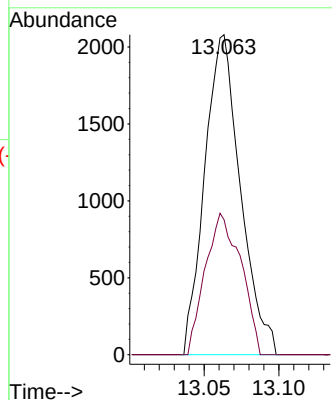


#80
 1,3,5-Trimethylbenzene
 Concen: 0.763 ug/l
 RT: 13.063 min Scan# 4129
 Delta R.T. 0.002 min
 Lab File: VN067256.D
 Acq: 7 Jun 2021 15:43

Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

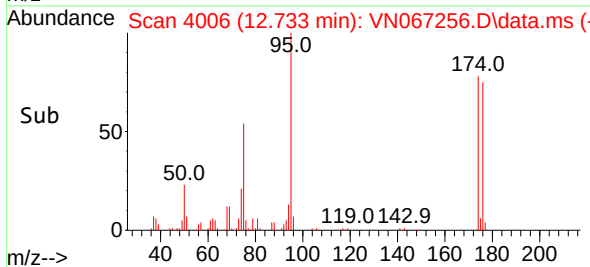
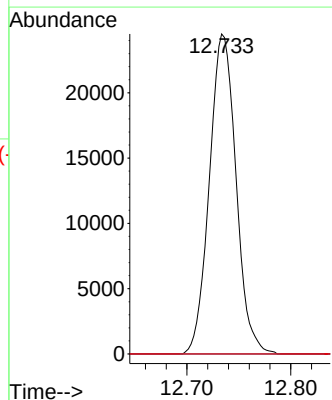
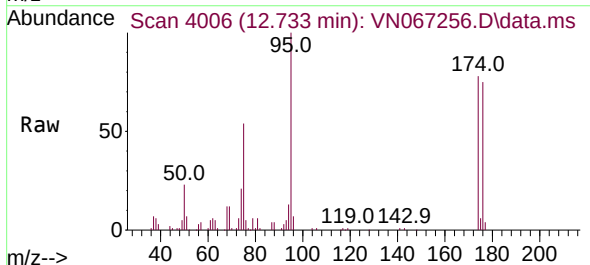


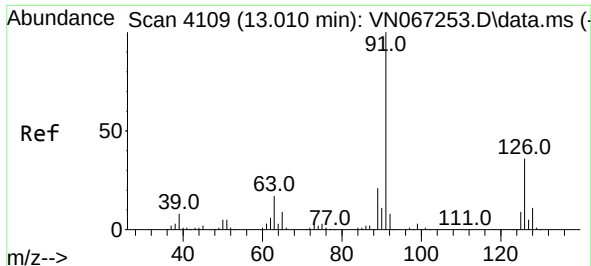
Tgt Ion:105 Resp: 3457
 Ion Ratio Lower Upper
 105 100
 120 44.1 25.0 75.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.985 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. 0.107 min
 Lab File: VN067256.D
 Acq: 7 Jun 2021 15:43

Tgt Ion: 75 Resp: 43681
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.3 99.5#
 89 0.0 39.5 59.3#

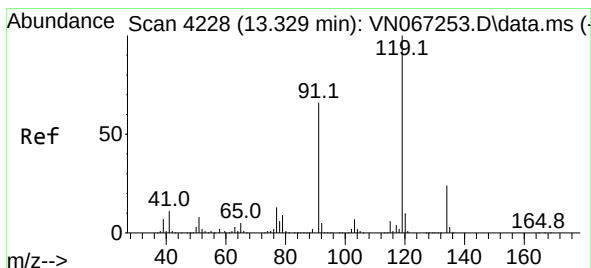
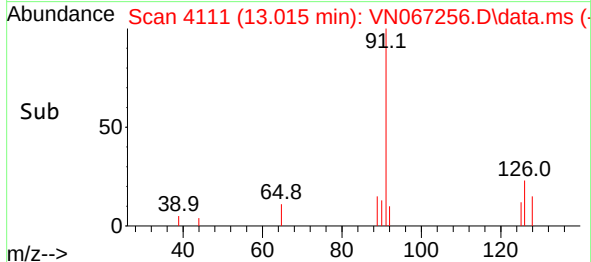
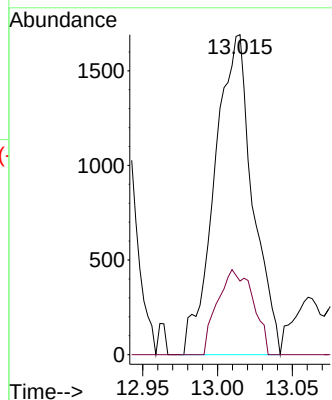
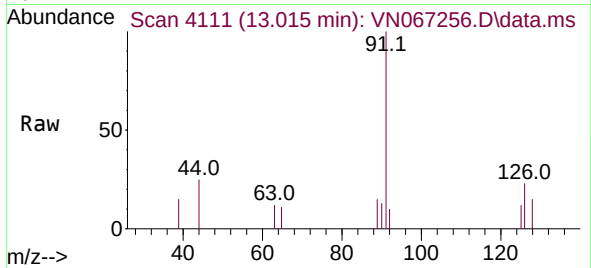




#82
4-Chlorotoluene
Concen: 0.866 ug/l
RT: 13.015 min Scan# 4111
Delta R.T. 0.005 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

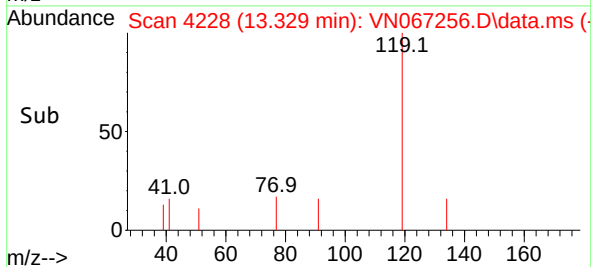
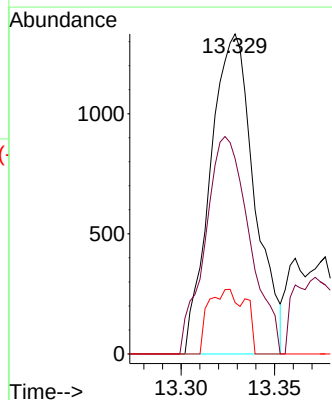
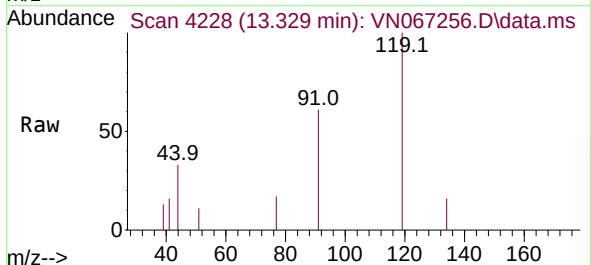
Instrument :
MSVOA_N
ClientSampled :
IBLK

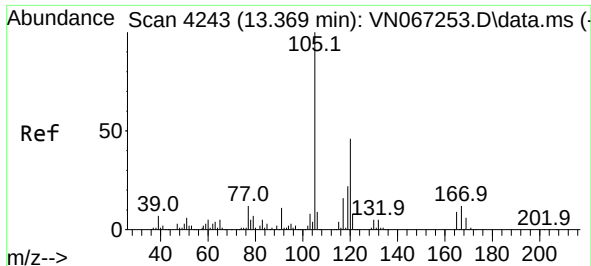
Tgt Ion: 91 Resp: 2990
Ion Ratio Lower Upper
91 100
126 24.8 17.7 53.1



#83
tert-Butylbenzene
Concen: 0.563 ug/l
RT: 13.329 min Scan# 4228
Delta R.T. -0.000 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion: 119 Resp: 2184
Ion Ratio Lower Upper
119 100
91 68.5 30.2 90.6
134 16.8 13.0 39.0

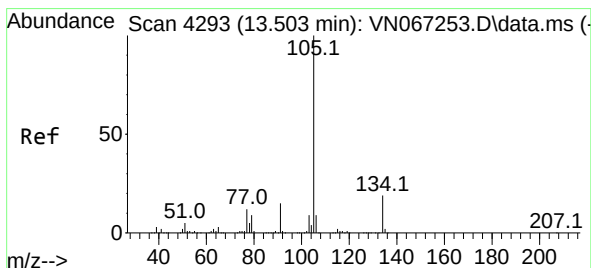
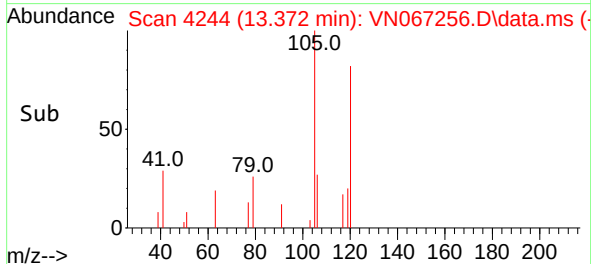
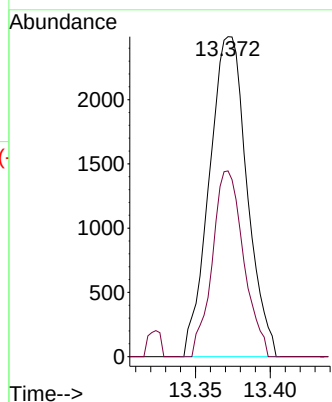
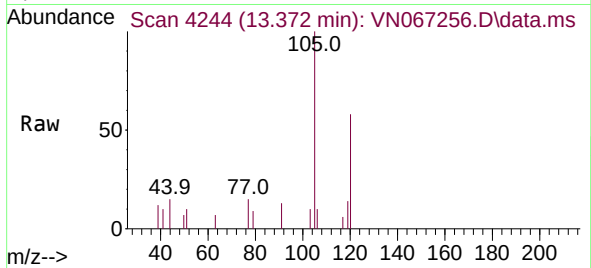




#84
1,2,4-Trimethylbenzene
Concen: 0.968 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

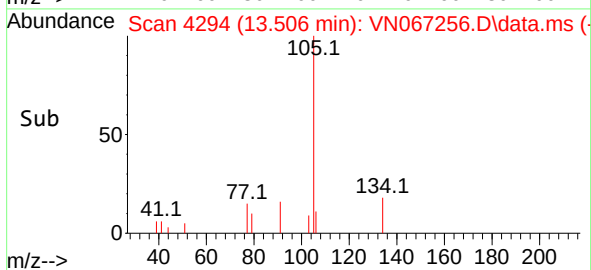
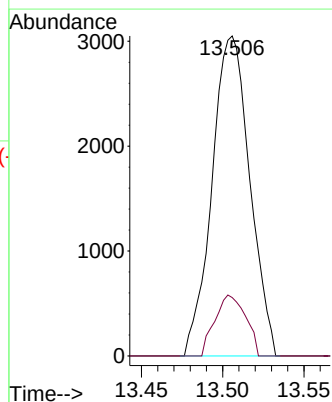
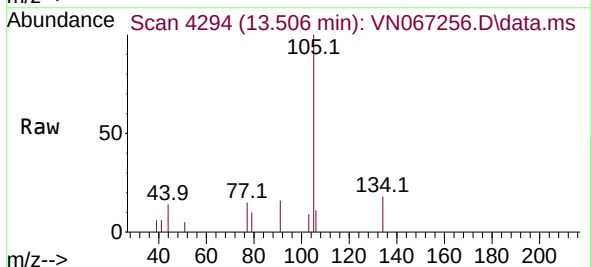
Instrument :
MSVOA_N
ClientSampled :
IBLK

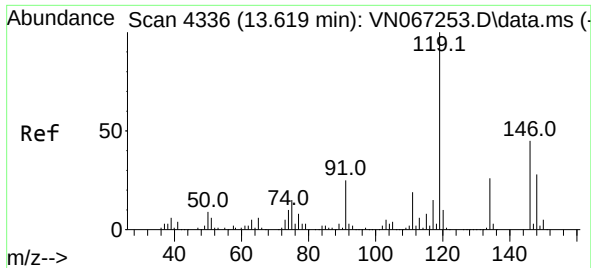
Tgt Ion:105 Resp: 4371
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.2



#85
sec-Butylbenzene
Concen: 0.909 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:105 Resp: 4934
Ion Ratio Lower Upper
105 100
134 15.5 10.5 31.5

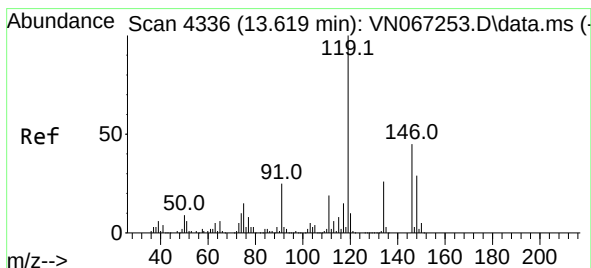
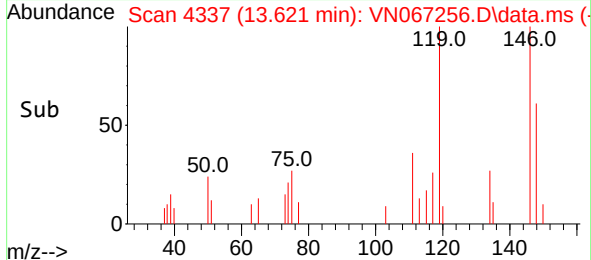
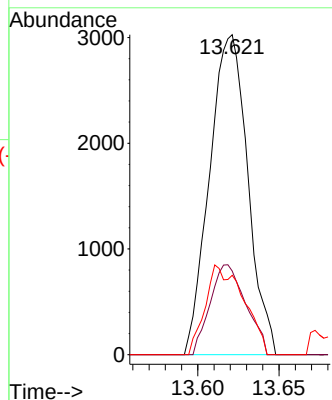
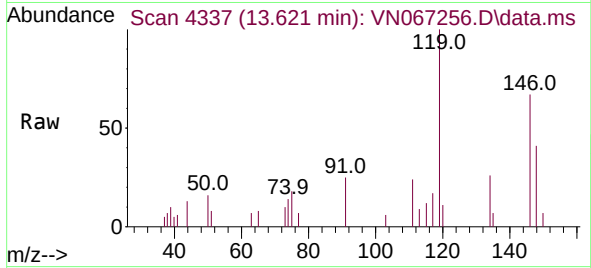




#86
p-Isopropyltoluene
Concen: 1.051 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.002 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

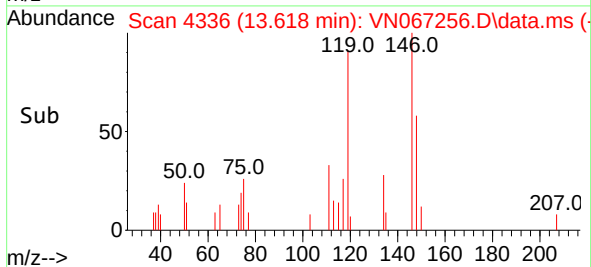
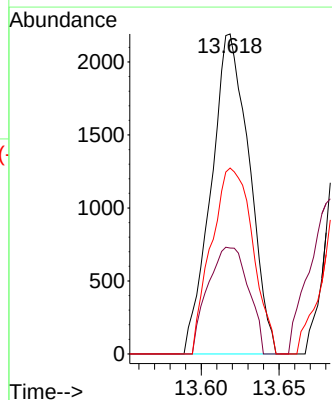
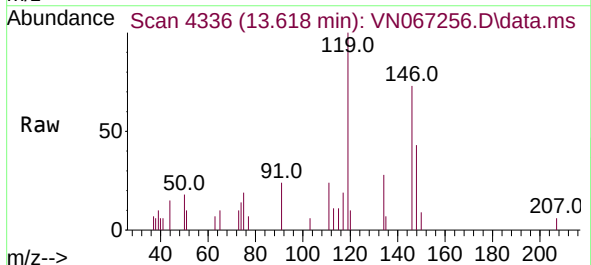
Instrument :
MSVOA_N
ClientSampled :
IBLK

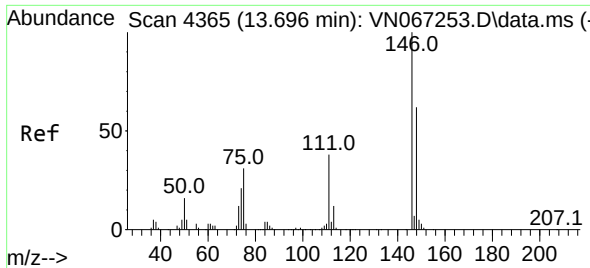
Tgt Ion:	119	Resp:	4949
Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.9
91	28.1	10.7	32.1



#87
1,3-Dichlorobenzene
Concen: 1.670 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:	146	Resp:	3721
Ion	Ratio	Lower	Upper
146	100		
111	35.5	19.3	57.8
148	63.3	32.0	96.2

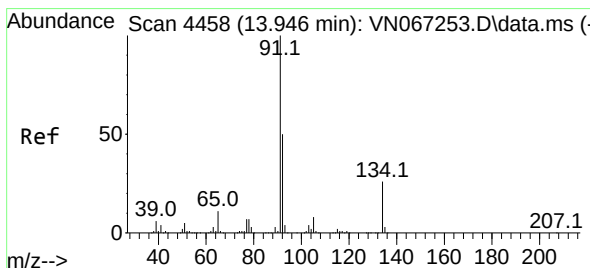
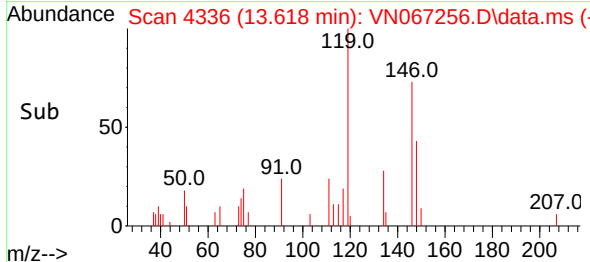
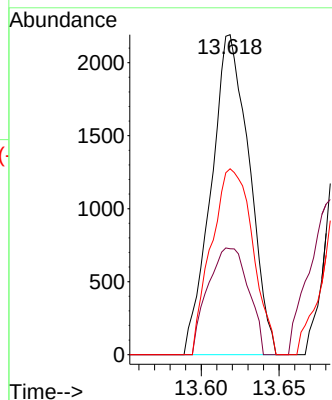
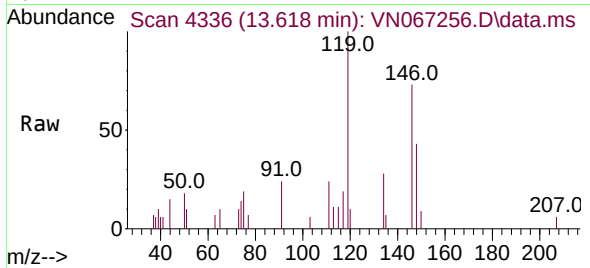




#88
1,4-Dichlorobenzene
Concen: 1.669 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.078 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

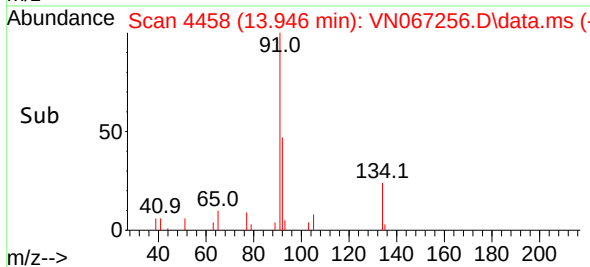
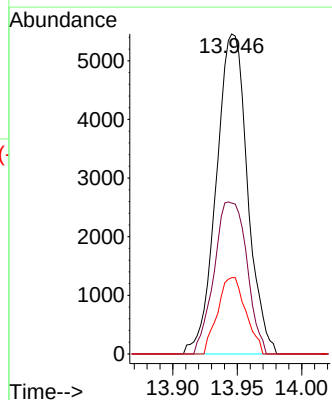
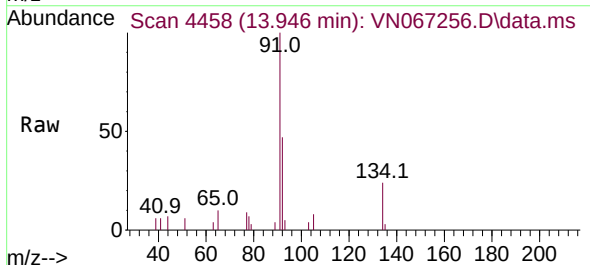
Instrument :
MSVOA_N
ClientSampled :
IBLK

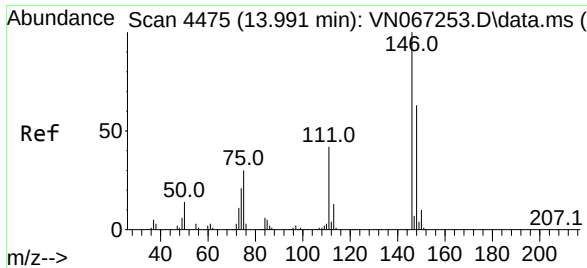
Tgt Ion:	146	Resp:	3721
Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.5	55.5
148	63.3	31.4	94.3



#89
n-Butylbenzene
Concen: 2.252 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:	91	Resp:	9188
Ion	Ratio	Lower	Upper
91	100		
92	49.8	26.5	79.5
134	21.4	14.3	42.9

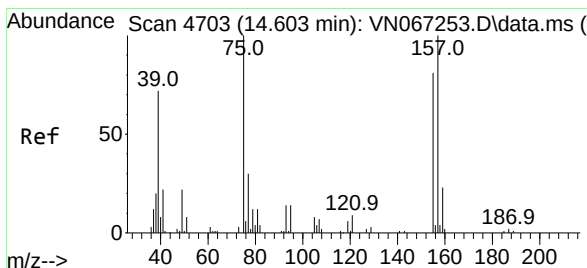
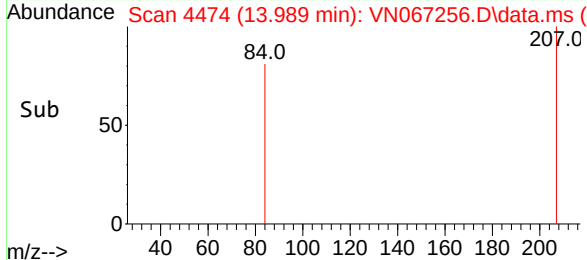
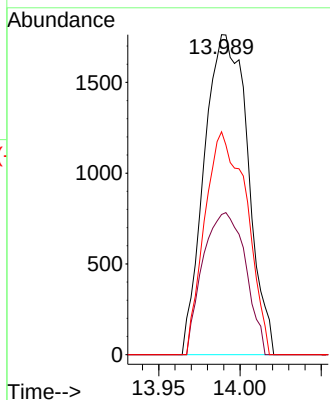
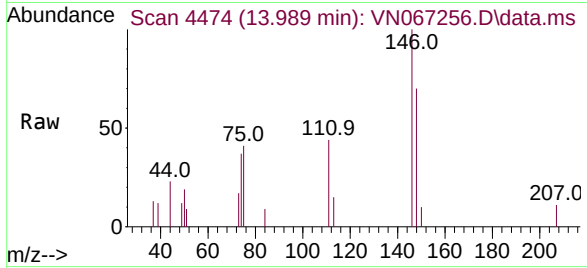




#91
1,2-Dichlorobenzene
Concen: 1.527 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

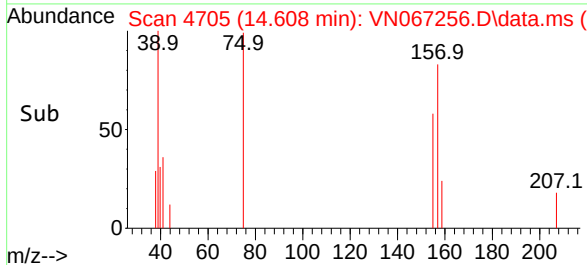
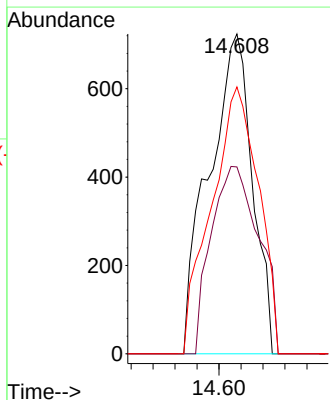
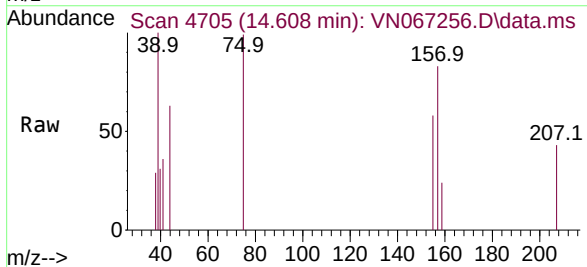
Instrument :
MSVOA_N
ClientSampleId :
IBLK

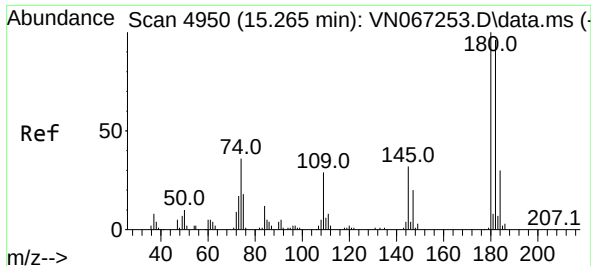
Tgt Ion:146 Resp: 3282
Ion Ratio Lower Upper
146 100
111 43.5 19.8 59.3
148 67.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.488 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.005 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

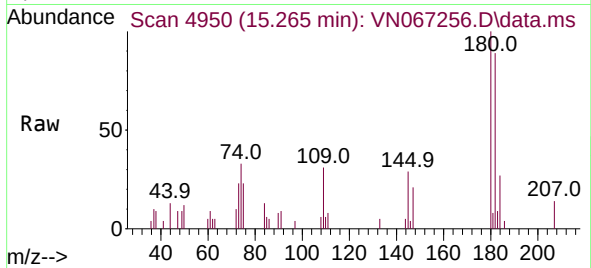
Tgt Ion: 75 Resp: 990
Ion Ratio Lower Upper
75 100
155 64.6 49.9 149.7
157 91.1 63.8 191.4



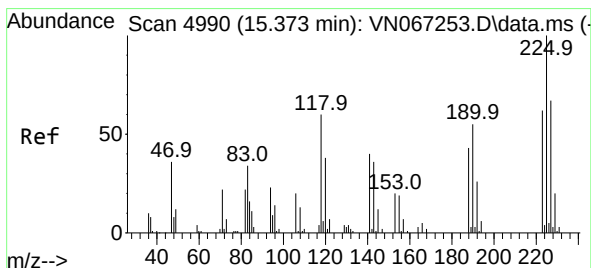
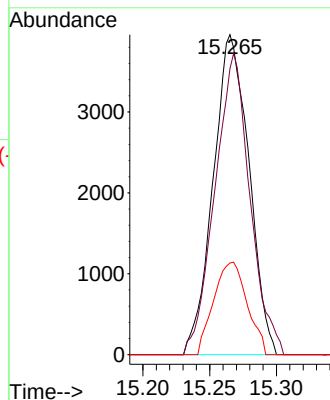
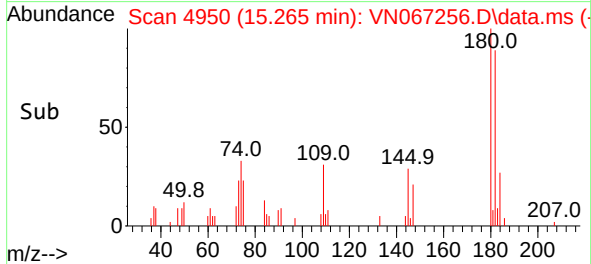


#93
1,2,4-Trichlorobenzene
Concen: 7.288 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

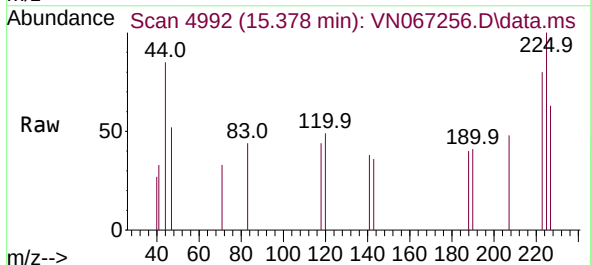
Instrument :
MSVOA_N
ClientSampled :
IBLK



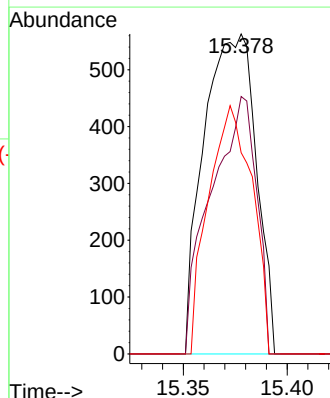
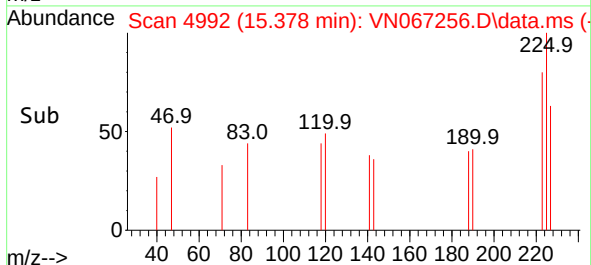
Tgt Ion:180 Resp: 7357
Ion Ratio Lower Upper
180 100
182 92.3 47.3 141.8
145 27.1 14.0 42.0

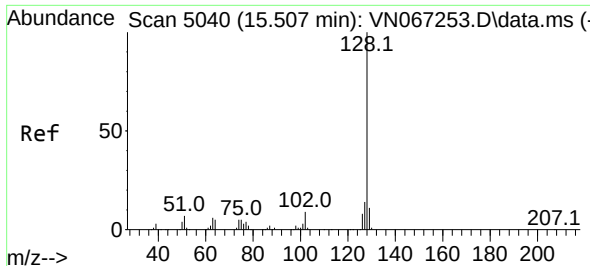


#94
Hexachlorobutadiene
Concen: 2.179 ug/l
RT: 15.378 min Scan# 4992
Delta R.T. 0.005 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43



Tgt Ion:225 Resp: 984
Ion Ratio Lower Upper
225 100
223 70.2 31.7 95.1
227 64.9 31.7 95.1

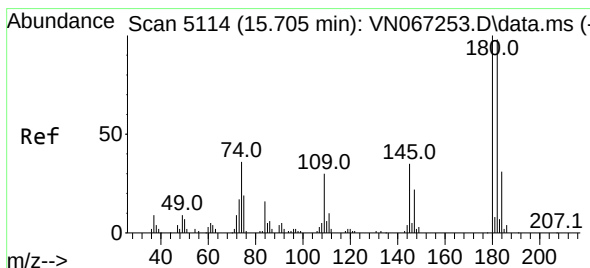
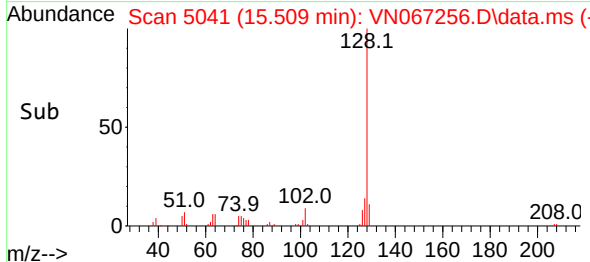
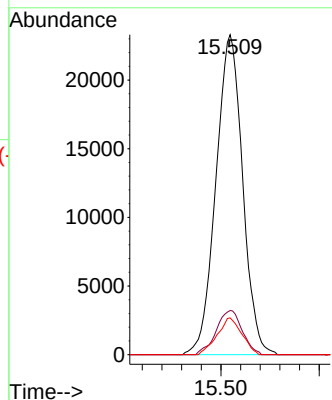
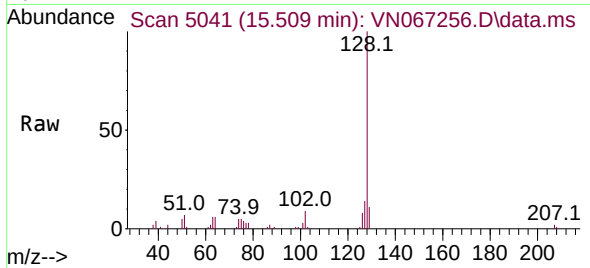




#95
Naphthalene
Concen: 14.861 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:128	Resp:	43913
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.2 15.2
129	10.6	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 10.167 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.003 min
Lab File: VN067256.D
Acq: 7 Jun 2021 15:43

Tgt Ion:180	Resp:	9625
Ion Ratio	Lower	Upper
180	100	
182	90.8	48.5 145.6
145	30.0	15.4 46.2

