

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067695.D
 Acq On : 9 Jul 2021 19:06
 Operator : JC/MD
 Sample : M2992-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33262

Quant Time: Jul 10 05:26:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	704312	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.970	114	1184094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	1197566	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	643068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.461	65	543341	51.045	ug/l	0.02
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.100%	
35) Dibromofluoromethane	8.026	113	304139	42.513	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 85.020%	
50) Toluene-d8	10.496	98	1581841	52.825	ug/l	0.05
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.660%	
62) 4-Bromofluorobenzene	12.733	95	613372	57.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.960%	

Target Compounds				Qvalue		
3) Chloromethane	2.257	50	7755	0.818	ug/l	# 72
5) Bromomethane	2.839	94	199	Below Cal	#	4
6) Chloroethane	2.960	64	1193	Below Cal	#	1
8) Diethyl Ether	3.808	74	38161	6.699	ug/l	# 1
11) Tert butyl alcohol	5.395	59	48231	31.532	ug/l	# 71
13) Acrolein	3.958	56	1382292	1880.862	ug/l	# 14
14) Allyl chloride	4.947	41	1300998	113.013	ug/l	# 1
15) Acrylonitrile	5.613	53	453488	119.533	ug/l	# 35
16) Acetone	4.290	43	1171689	349.828	ug/l	93
18) Methyl Acetate	5.133	43	7290859	775.001	ug/l	# 54
19) Methyl tert-butyl Ether	5.615	73	24316634	937.004	ug/l	# 52
20) Methylene Chloride	5.242	84	484393	62.120	ug/l	# 8
22) Diisopropyl ether	6.498	45	11944553	457.242	ug/l	# 90
23) Vinyl Acetate	6.498	43	6251017	279.893	ug/l	# 75
24) 1,1-Dichloroethane	6.390	63	8137	0.559	ug/l	# 85
25) 2-Butanone	7.337	43	7232609	1300.435	ug/l	92
26) 2,2-Dichloropropane	7.144	77	169459	13.315	ug/l	# 57
28) Bromochloromethane	7.667	49	16055	2.259	ug/l	# 22
29) Tetrahydrofuran	7.667	42	116077	31.737	ug/l	# 64
30) Chloroform	7.841	83	219785	13.436	ug/l	# 83
31) Cyclohexane	8.096	56	9886131	662.387	ug/l	91
36) 1,1-Dichloropropene	8.488	75	9156439	832.474	ug/l	# 44
37) Ethyl Acetate	7.415	43	1258918	118.127	ug/l	# 97
38) Carbon Tetrachloride	8.088	117	69023	6.362	ug/l	# 17
39) Methylcyclohexane	9.461	83	6525812	541.959	ug/l	92
41) Methacrylonitrile	7.664	41	538728	98.356	ug/l	# 50
42) 1,2-Dichloroethane	8.485	62	4723165	386.299	ug/l	81
43) Isopropyl Acetate	8.560	43	466196	24.868	ug/l	# 58
45) 1,2-Dichloropropane	9.461	63	75934	9.109	ug/l	# 1
47) Bromodichloromethane	9.644	83	96845	8.375	ug/l	# 26
48) Methyl methacrylate	9.644	41	606408	73.137	ug/l	# 45
49) 1,4-Dioxane	9.587	88	27	32.292	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.432	43	1336677	116.062	ug/l	89
53) t-1,3-Dichloropropene	10.510	75	3579361	252.453	ug/l	# 1
55) 1,1,2-Trichloroethane	10.888	97	953745	115.395	ug/l	# 19
56) Ethyl methacrylate	10.770	69	639914	50.255	ug/l	# 34

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

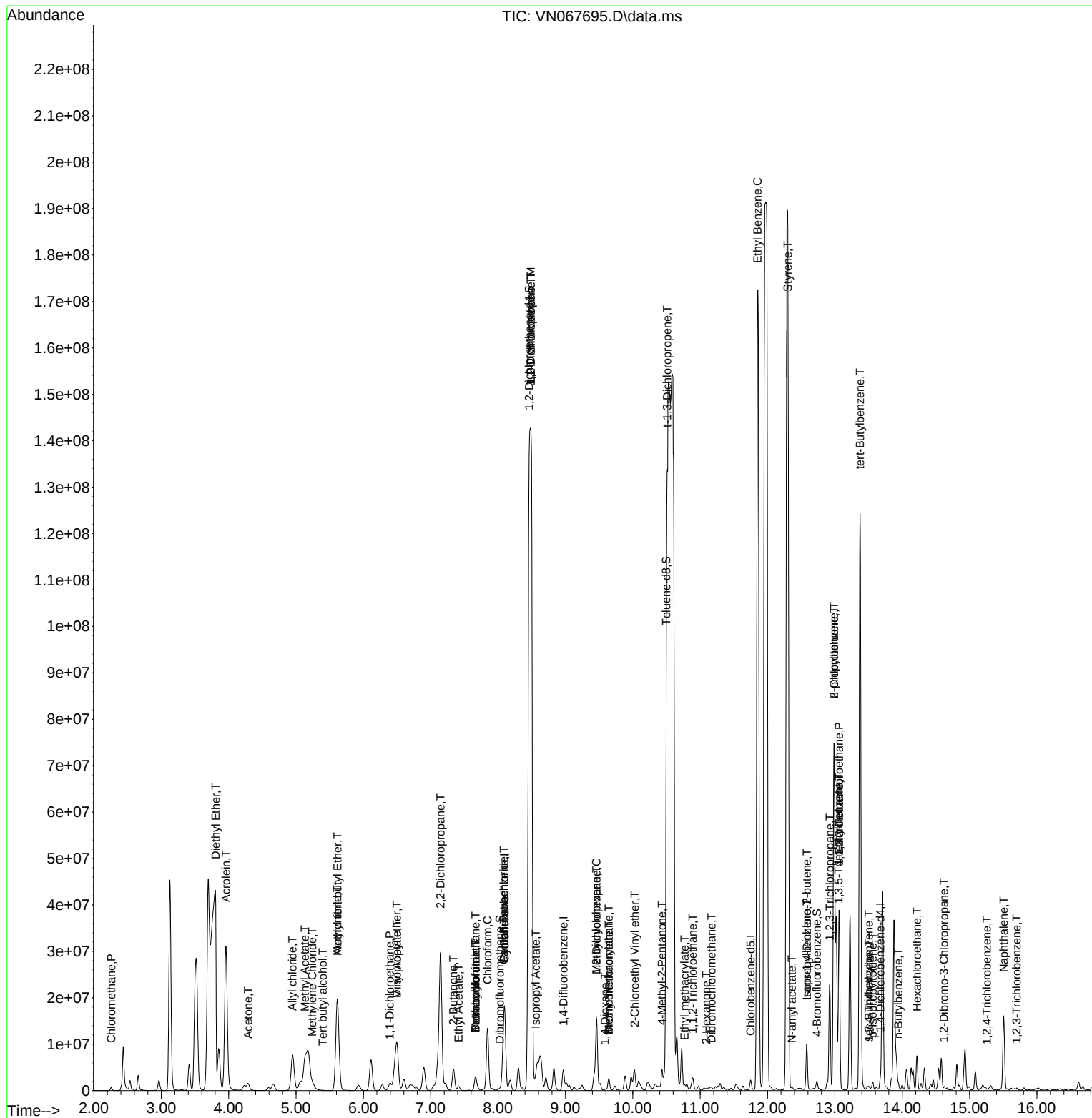
58) 2-Chloroethyl Vinyl ether	10.030	63	13503	20.719	ug/l #	50
59) 2-Hexanone	11.089	43	119774	14.899	ug/l	70
60) Dibromochloromethane	11.167	129	866	2.438	ug/l #	23
67) Ethyl Benzene	11.851	91	1350483	30.161	ug/l #	45
70) Styrene	12.301	104	6510637	244.439	ug/l #	1
73) Isopropylbenzene	12.583	105	6500537	125.286	ug/l	96
74) N-amyl acetate	12.360	43	133682	7.102	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	13.063	83	835609	55.491	ug/l #	42
76) 1,2,3-Trichloropropane	12.924	75	119919	9.131	ug/l #	100
78) n-propylbenzene	12.988	91	7555956	128.758	ug/l #	55
79) 2-Chlorotoluene	12.988	91	7555956	213.120	ug/l #	46
80) 1,3,5-Trimethylbenzene	13.055	105	855809	20.356	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.583	75	80575	19.781	ug/l #	59
82) 4-Chlorotoluene	13.063	91	2207935	62.935	ug/l #	45
83) tert-Butylbenzene	13.374	119	12570674	350.611	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.503	105	451013	10.949	ug/l #	34
85) sec-Butylbenzene	13.503	105	451013	9.089	ug/l #	56
86) p-Isopropyltoluene	13.562	119	895363	22.361	ug/l #	67
89) n-Butylbenzene	13.943	91	662405	19.287	ug/l #	79
90) Hexachloroethane	14.219	117	355033	53.386	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.619	75	2028	0.775	ug/l #	19
93) 1,2,4-Trichlorobenzene	15.257	180	1682	2.823	ug/l #	1
95) Naphthalene	15.506	128	14156838	425.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	1312	2.754	ug/l #	1

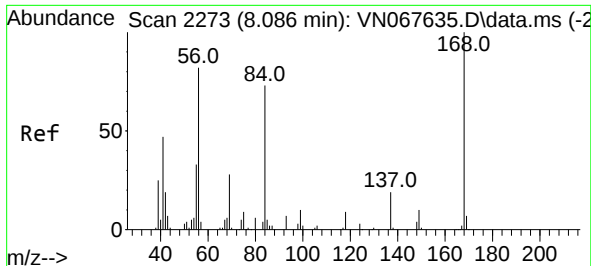
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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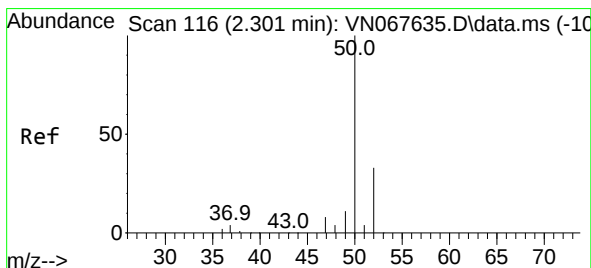
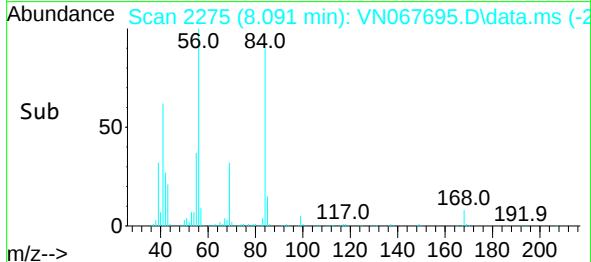
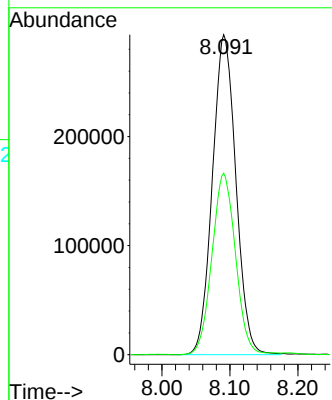
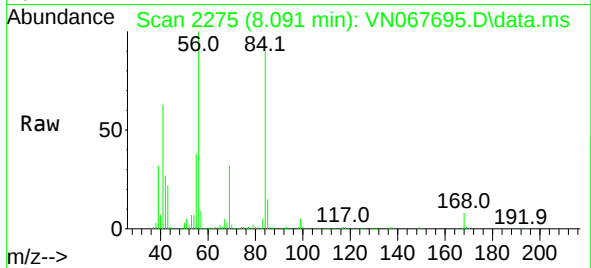




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

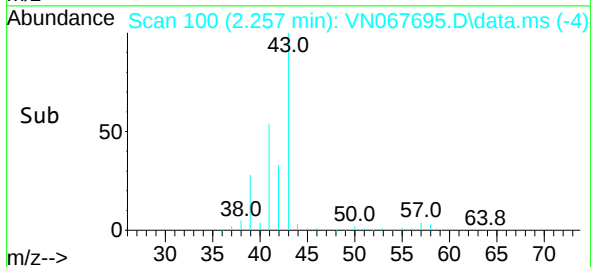
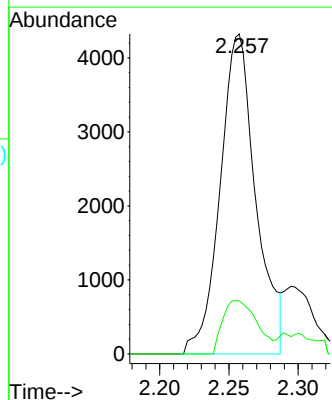
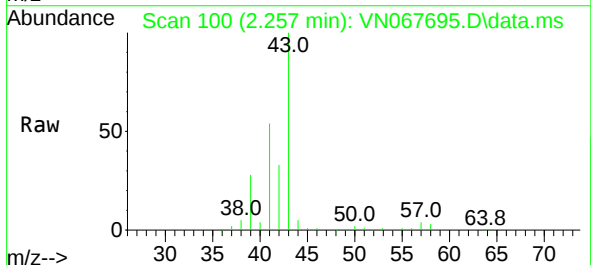
Instrument :
MSVOA_N
ClientSampled :
33262

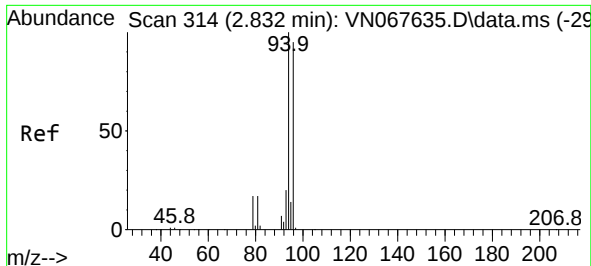
Tgt Ion:168 Resp: 704312
Ion Ratio Lower Upper
168 100
99 56.7 62.9 94.3#



#3
Chloromethane
Concen: 0.818 ug/l
RT: 2.257 min Scan# 100
Delta R.T. -0.044 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 50 Resp: 7755
Ion Ratio Lower Upper
50 100
52 16.6 25.6 38.4#

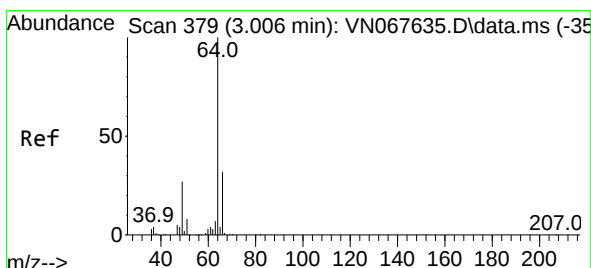
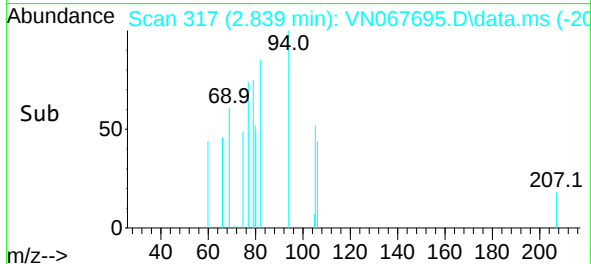
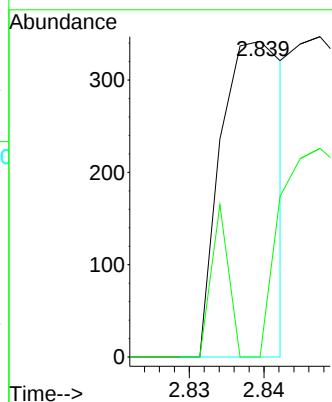
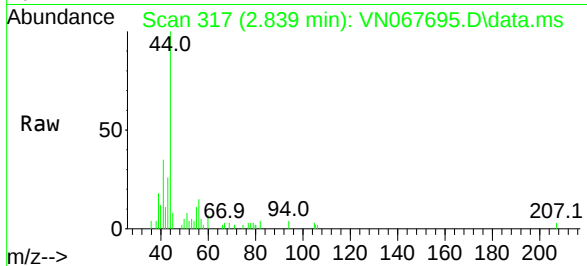




#5
Bromomethane
Concen: Below Cal
RT: 2.839 min Scan# 317
Delta R.T. 0.007 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

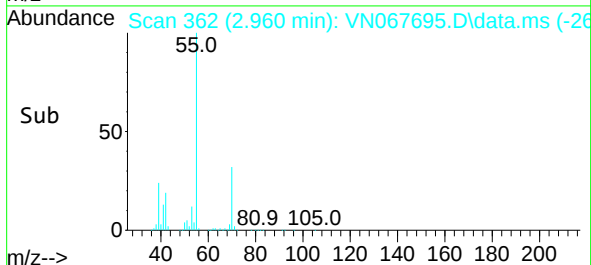
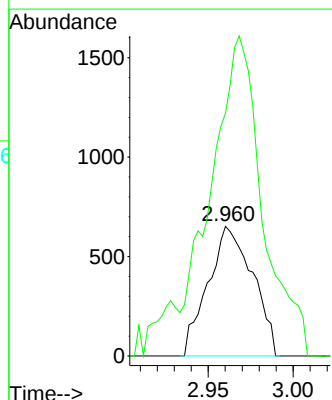
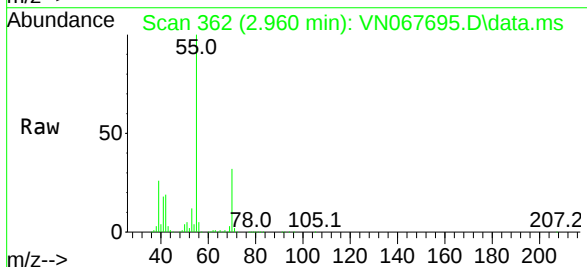
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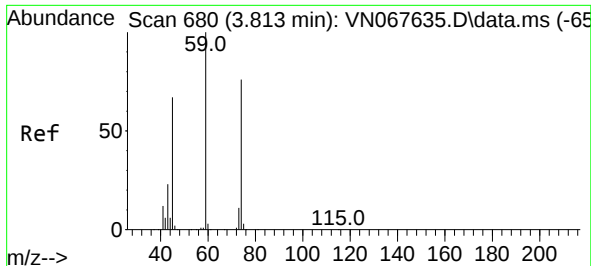
Tgt Ion: 94 Resp: 199
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 2.960 min Scan# 362
Delta R.T. -0.046 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 64 Resp: 1193
Ion Ratio Lower Upper
64 100
66 153.8 24.7 37.1#

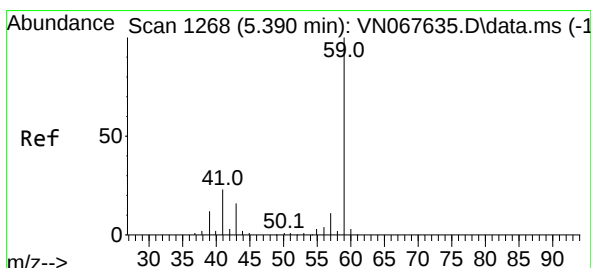
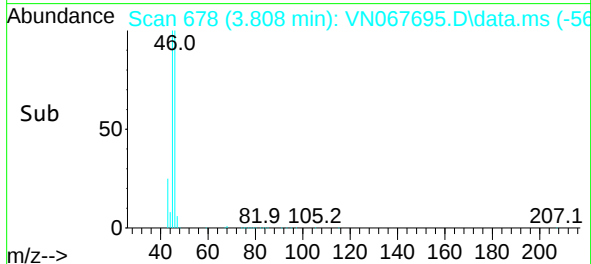
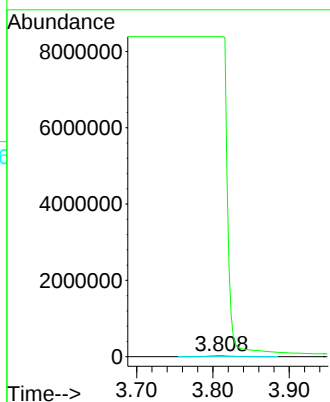
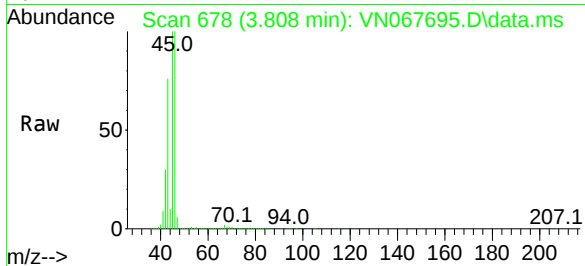




#8
Diethyl Ether
Concen: 6.699 ug/l
RT: 3.808 min Scan# 678
Delta R.T. -0.005 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

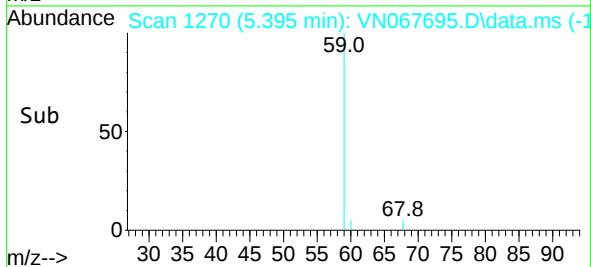
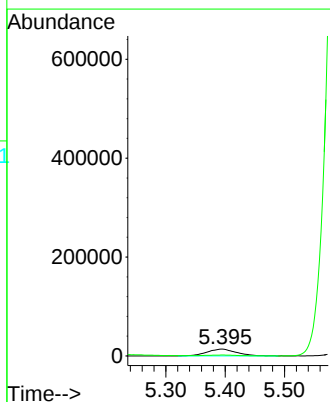
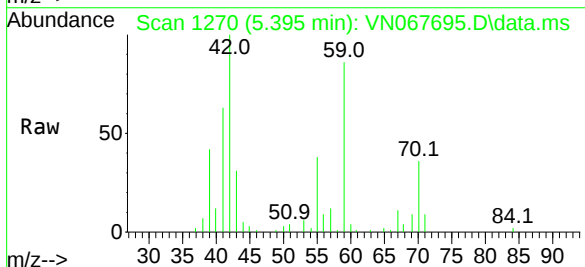
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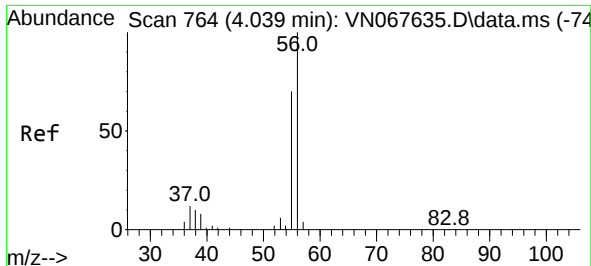
Tgt Ion: 74 Resp: 38161
Ion Ratio Lower Upper
74 100
45 0.0 50.2 150.7#



#11
Tert butyl alcohol
Concen: 31.532 ug/l
RT: 5.395 min Scan# 1270
Delta R.T. 0.005 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 59 Resp: 48231
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

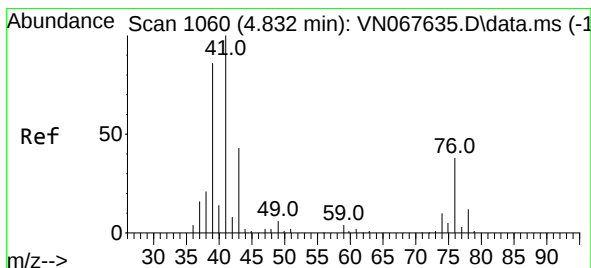
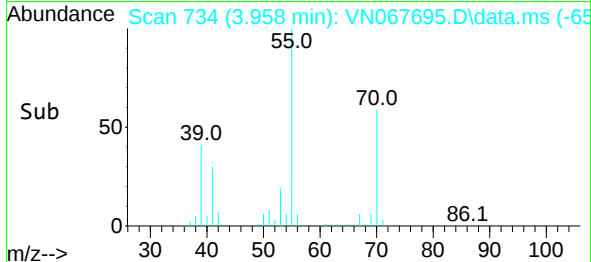
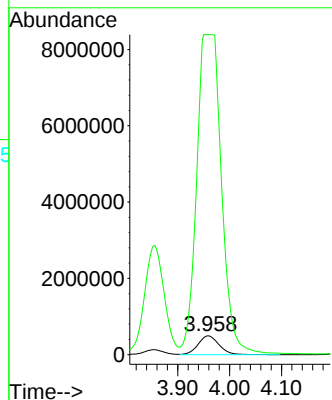
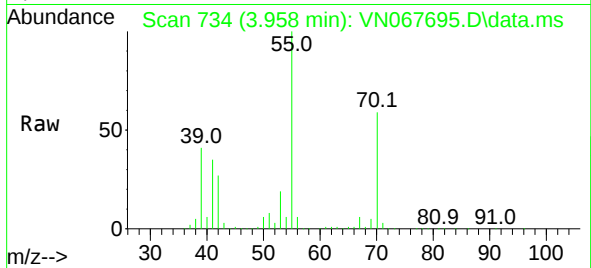




#13
Acrolein
Concen: 1880.862 ug/l
RT: 3.958 min Scan# 734
Delta R.T. -0.081 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

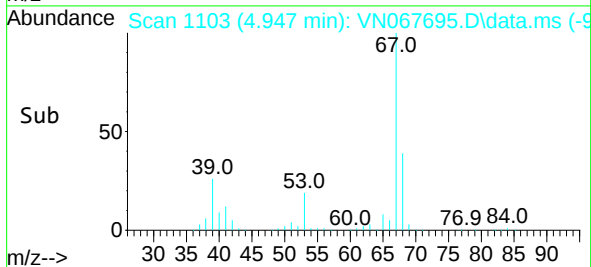
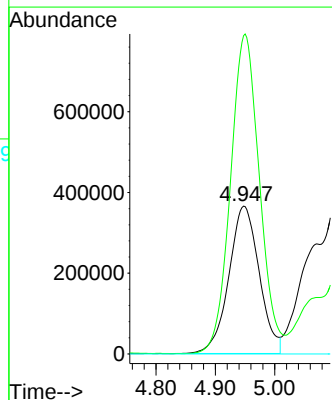
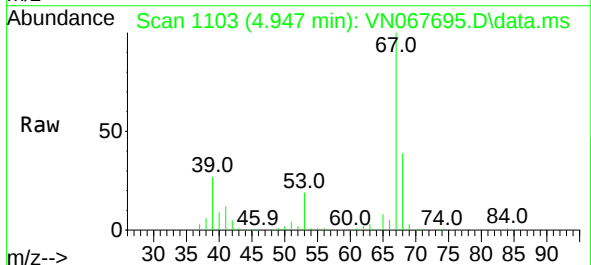
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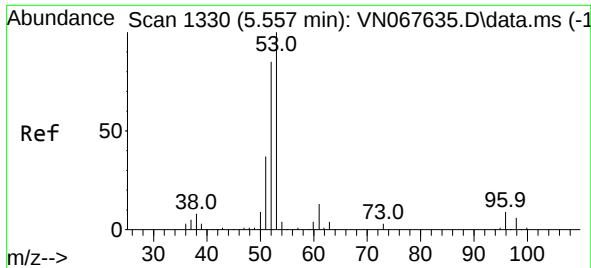
Tgt Ion: 56 Resp: 1382292
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#14
Allyl chloride
Concen: 113.013 ug/l
RT: 4.947 min Scan# 1103
Delta R.T. 0.115 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 41 Resp: 1300998
Ion Ratio Lower Upper
41 100
39 206.7 60.9 91.3#
76 0.0 24.3 36.5#

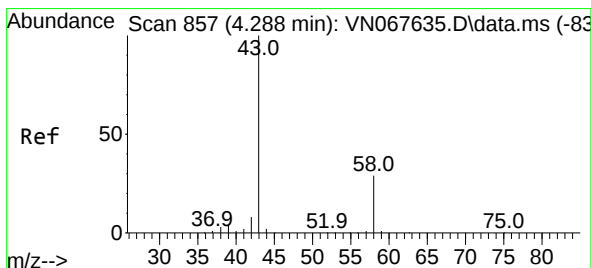
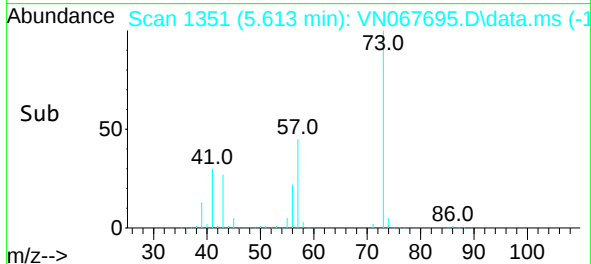
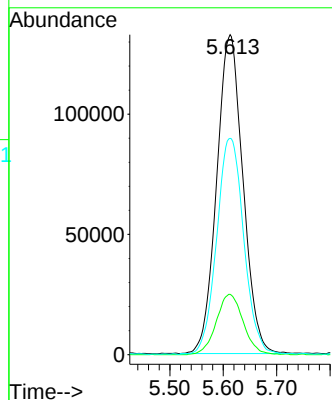
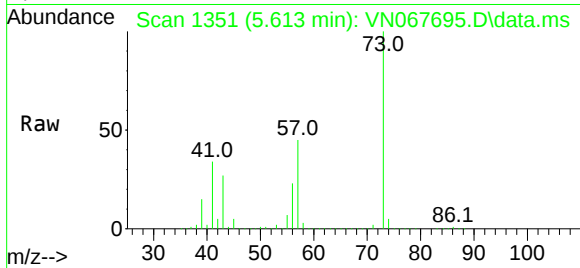




#15
Acrylonitrile
Concen: 119.533 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. 0.056 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

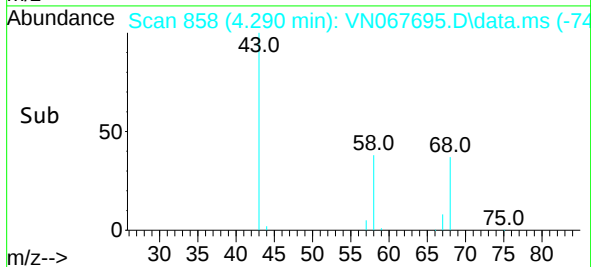
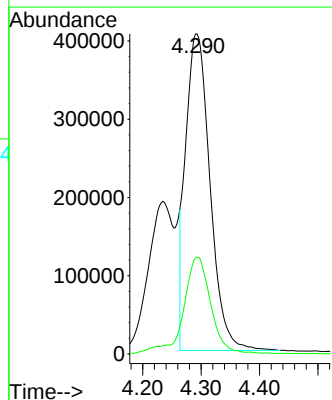
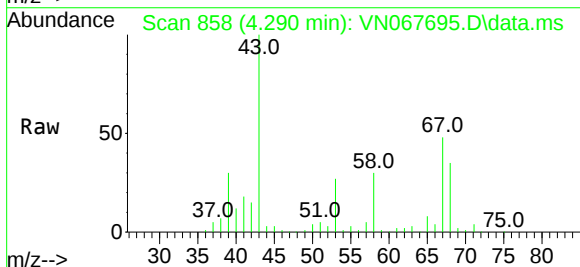
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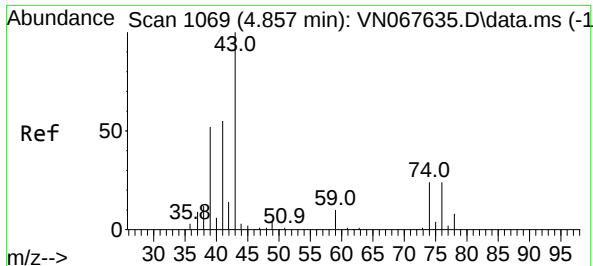
Tgt Ion: 53 Resp: 453488
Ion Ratio Lower Upper
53 100
52 19.5 66.2 99.2#
51 69.8 30.2 45.4#



#16
Acetone
Concen: 349.828 ug/l
RT: 4.290 min Scan# 858
Delta R.T. 0.002 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 43 Resp: 1171689
Ion Ratio Lower Upper
43 100
58 30.2 21.2 31.8





#18

Methyl Acetate

Concen: 775.001 ug/l

RT: 5.133 min Scan# 1172

Delta R.T. 0.276 min

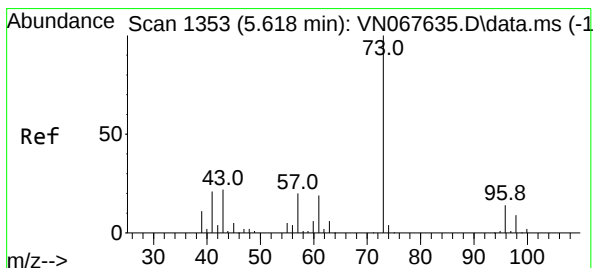
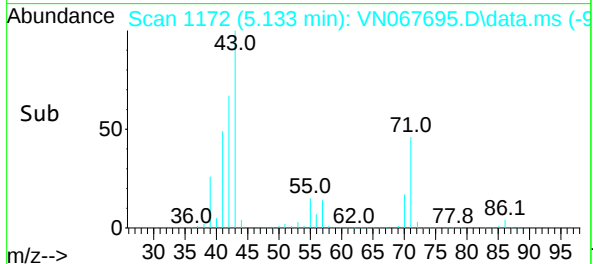
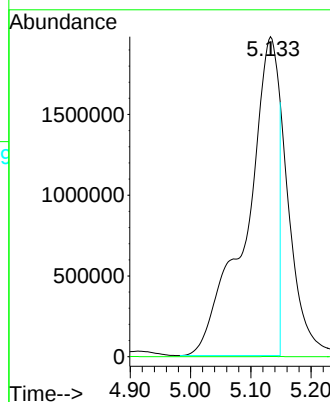
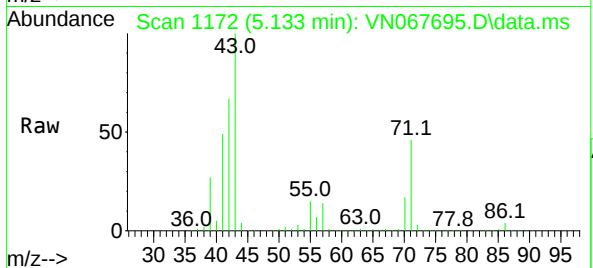
Lab File: VN067695.D

Acq: 9 Jul 2021 19:06

Instrument :
MSVOA_N
ClientSampleId :
33262

Tgt Ion: 43 Resp: 7290859

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.0#



#19

Methyl tert-butyl Ether

Concen: 937.004 ug/l

RT: 5.615 min Scan# 1352

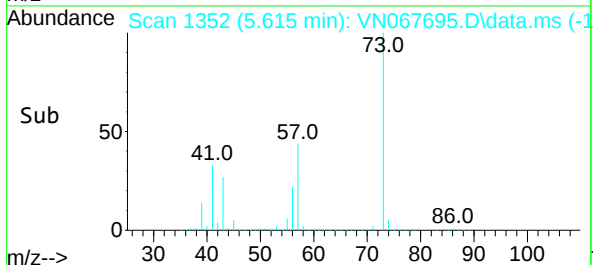
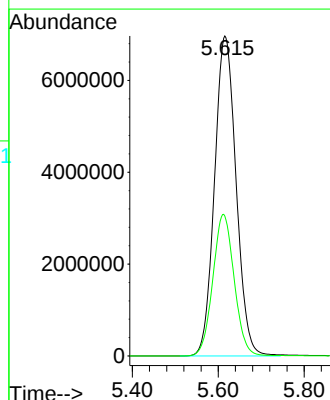
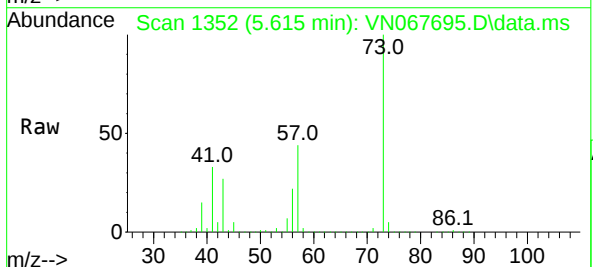
Delta R.T. -0.003 min

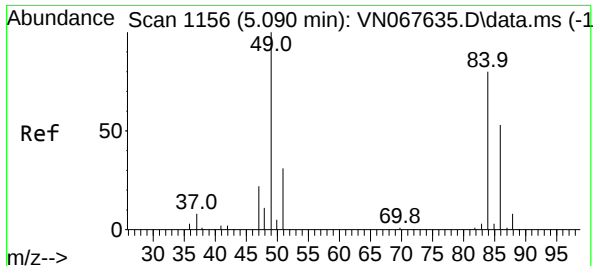
Lab File: VN067695.D

Acq: 9 Jul 2021 19:06

Tgt Ion: 73 Resp: 24316634

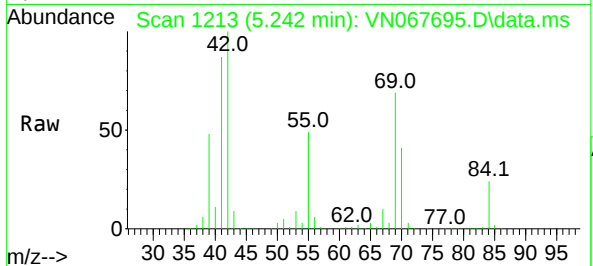
Ion	Ratio	Lower	Upper
73	100		
57	43.7	17.0	25.6#



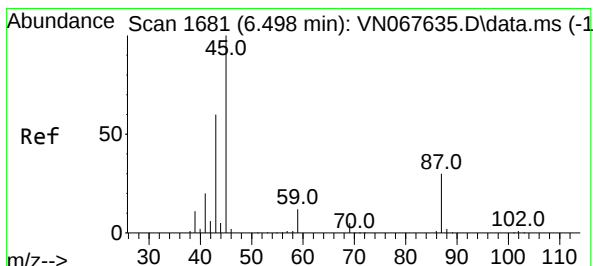
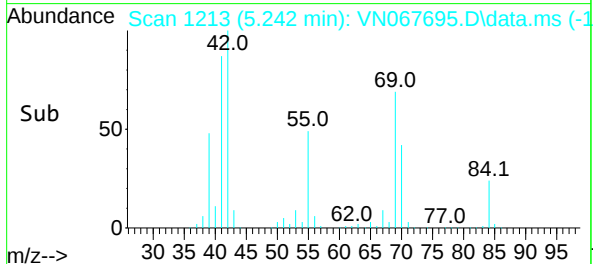
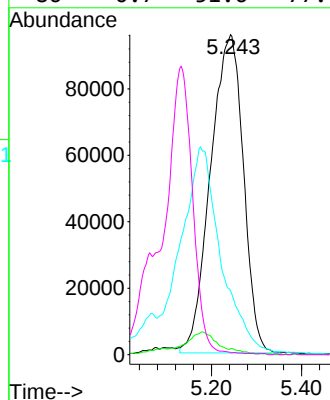


#20
Methylene Chloride
Concen: 62.120 ug/l
RT: 5.242 min Scan# 1213
Delta R.T. 0.152 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Instrument :
MSVOA_N
ClientSampleId :
33262

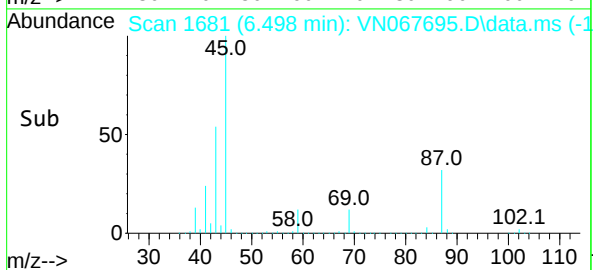
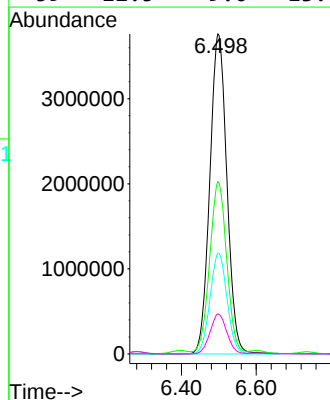
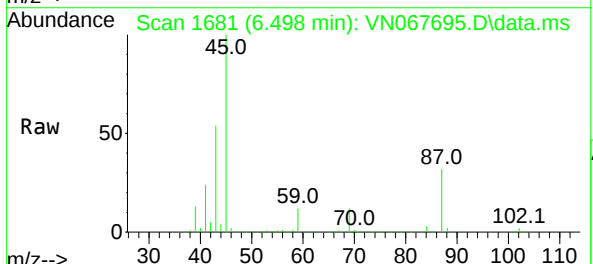


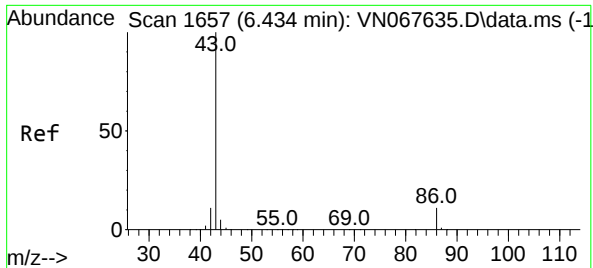
Tgt Ion	Ratio	Lower	Upper
84	100		
49	1.8	110.9	166.3#
51	19.0	32.6	49.0#
86	0.7	51.6	77.4#



#22
Diisopropyl ether
Concen: 457.242 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.7	49.4	74.2
87	31.5	20.9	31.3#
59	12.5	9.0	13.4

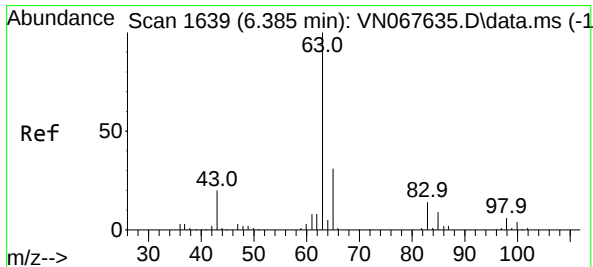
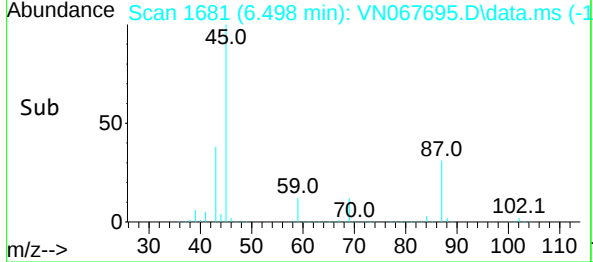
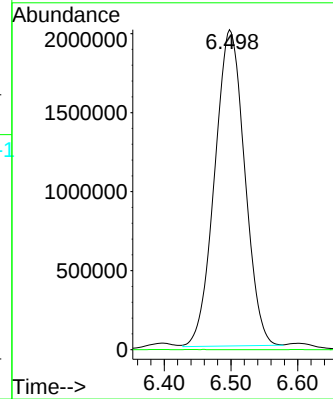
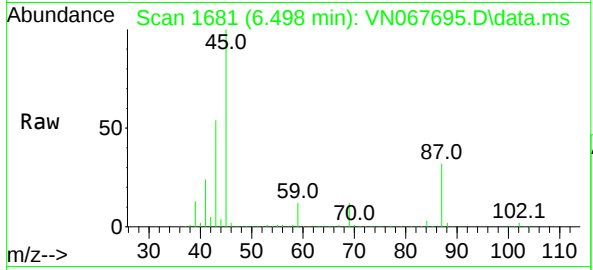




#23
 Vinyl Acetate
 Concen: 279.893 ug/l
 RT: 6.498 min Scan# 1681
 Delta R.T. 0.064 min
 Lab File: VN067695.D
 Acq: 9 Jul 2021 19:06

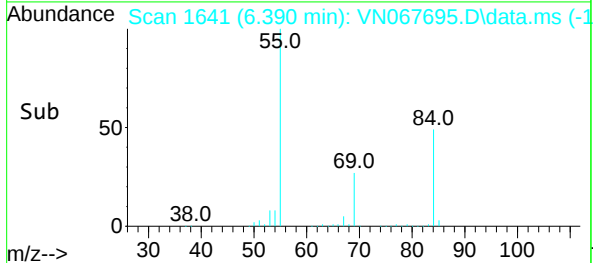
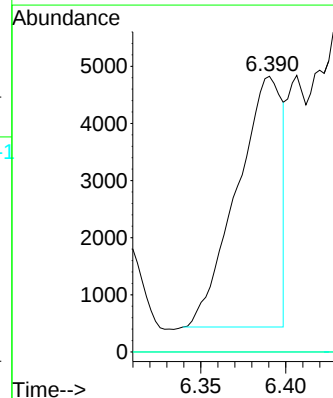
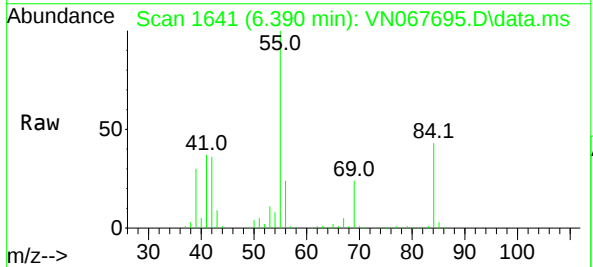
Instrument :
 MSVOA_N
 ClientSampleId :
 33262

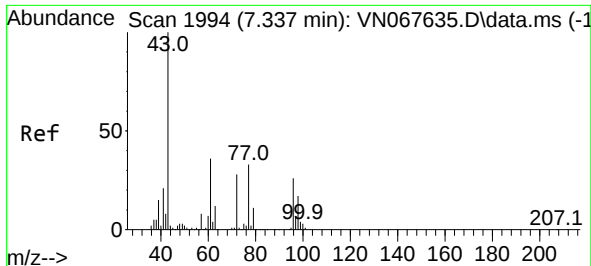
Tgt Ion: 43 Resp: 6251017
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 0.559 ug/l
 RT: 6.390 min Scan# 1641
 Delta R.T. 0.005 min
 Lab File: VN067695.D
 Acq: 9 Jul 2021 19:06

Tgt Ion: 63 Resp: 8137
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.0 9.0#
 100 0.0 1.9 5.7#

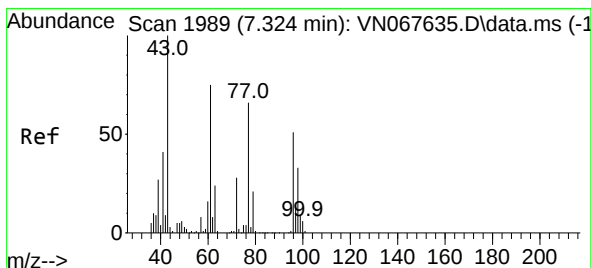
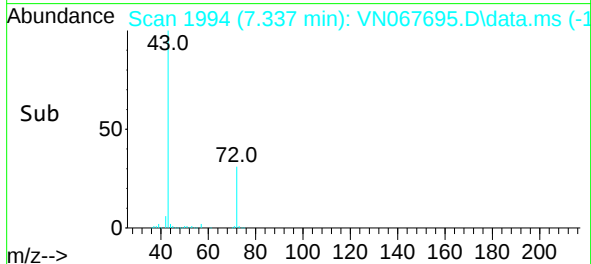
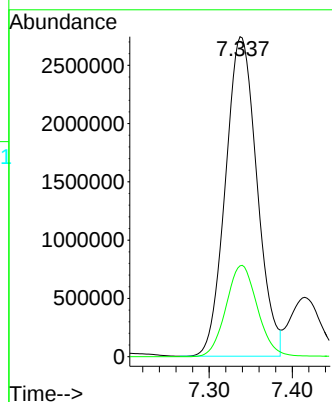
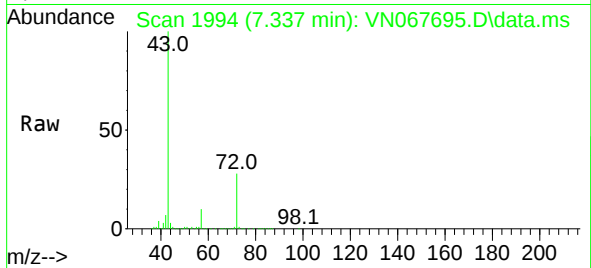




#25
2-Butanone
Concen: 1300.435 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

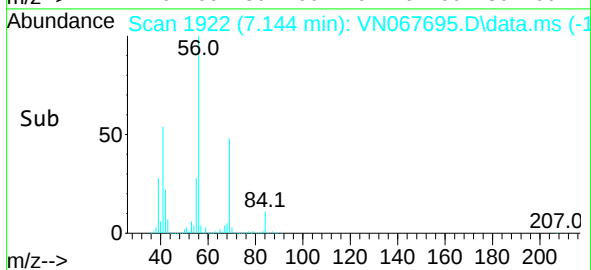
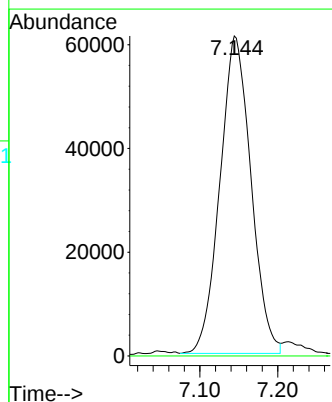
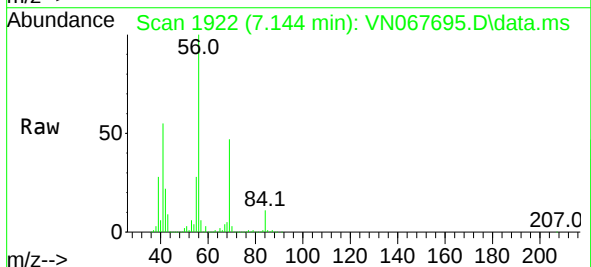
Instrument :
MSVOA_N
ClientSampled :
33262

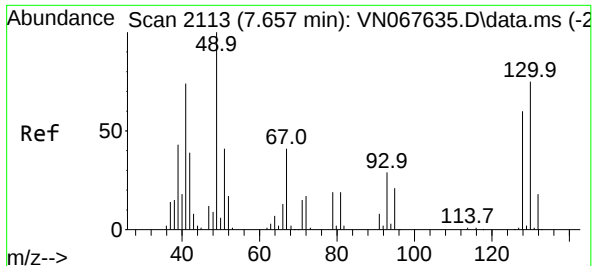
Tgt Ion: 43 Resp: 7232609
Ion Ratio Lower Upper
43 100
72 28.5 19.7 29.5



#26
2,2-Dichloropropane
Concen: 13.315 ug/l
RT: 7.144 min Scan# 1922
Delta R.T. -0.180 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 77 Resp: 169459
Ion Ratio Lower Upper
77 100
97 0.0 9.8 29.3#





#28

Bromochloromethane

Concen: 2.259 ug/l

RT: 7.667 min Scan# 2117

Delta R.T. 0.010 min

Lab File: VN067695.D

Acq: 9 Jul 2021 19:06

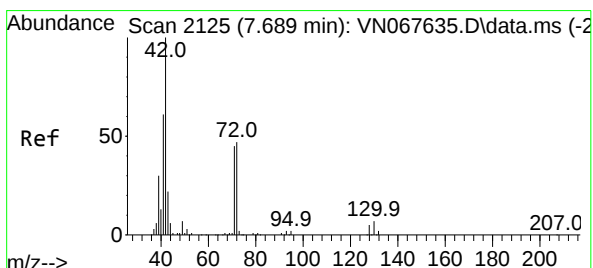
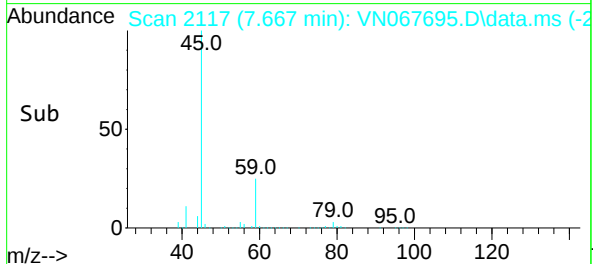
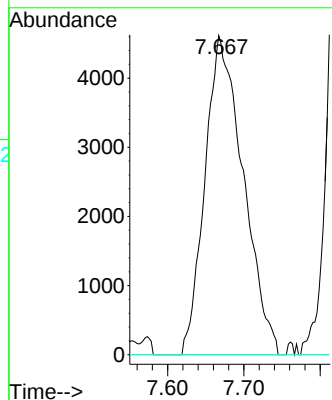
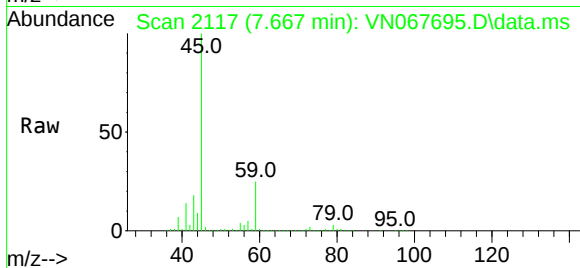
Instrument :

MSVOA_N

ClientSampled :

33262

Tgt Ion:	49	Resp:	16055
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	49.7	74.5#



#29

Tetrahydrofuran

Concen: 31.737 ug/l

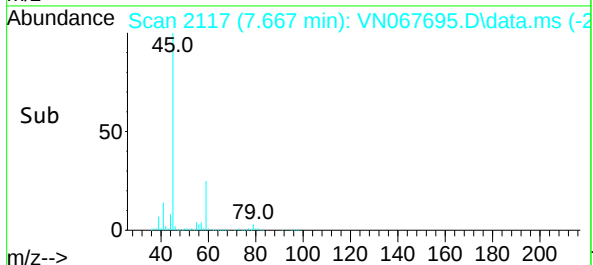
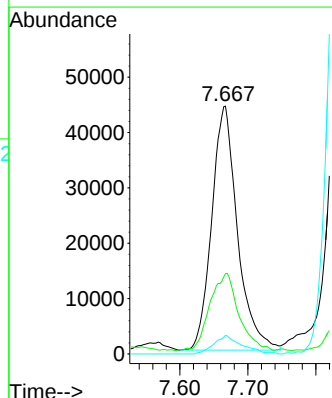
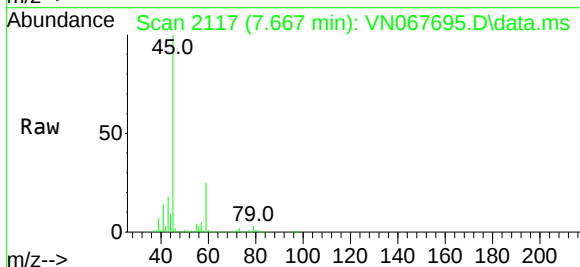
RT: 7.667 min Scan# 2117

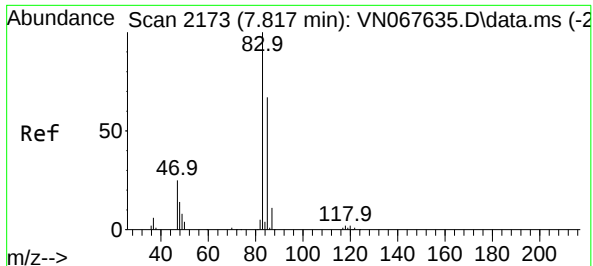
Delta R.T. -0.022 min

Lab File: VN067695.D

Acq: 9 Jul 2021 19:06

Tgt Ion:	42	Resp:	116077
Ion	Ratio	Lower	Upper
42	100		
72	34.8	32.8	49.2
71	0.0	31.2	46.8#

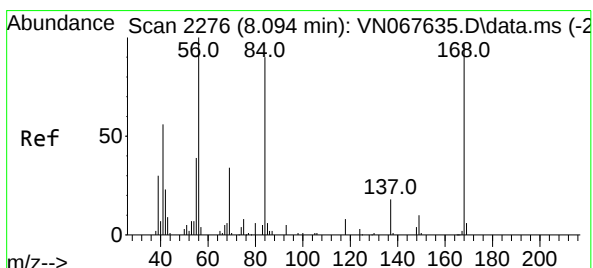
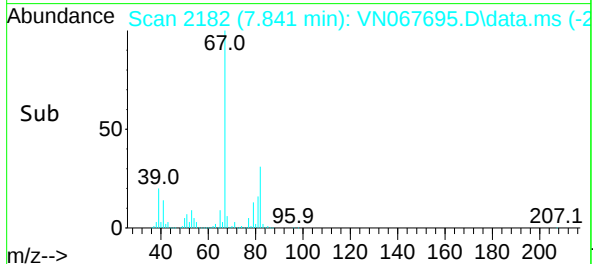
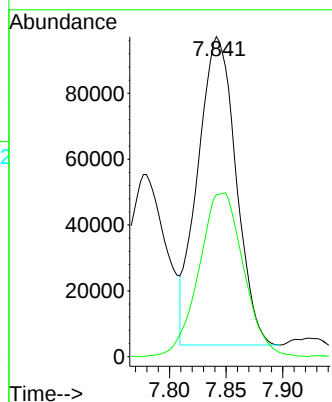
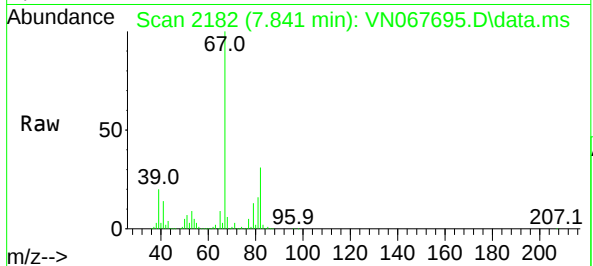




#30
Chloroform
Concen: 13.436 ug/l
RT: 7.841 min Scan# 2182
Delta R.T. 0.024 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

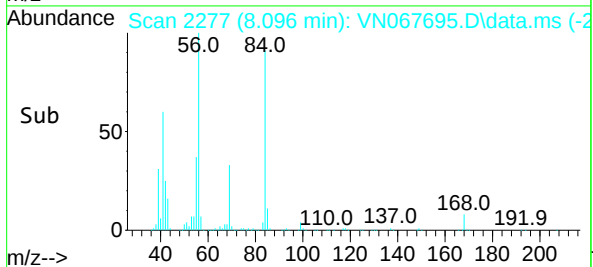
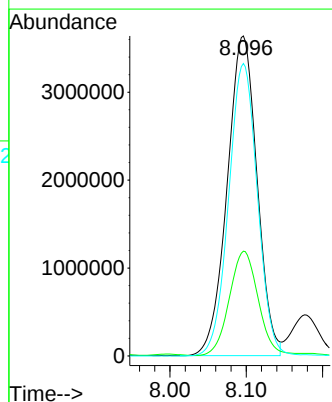
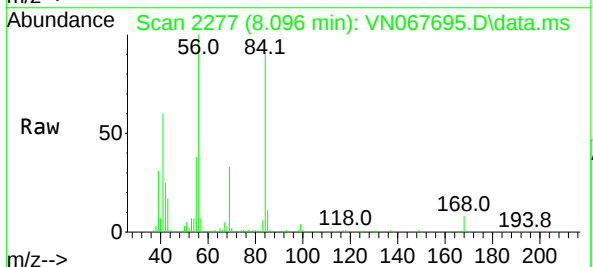
Instrument :
MSVOA_N
ClientSampled :
33262

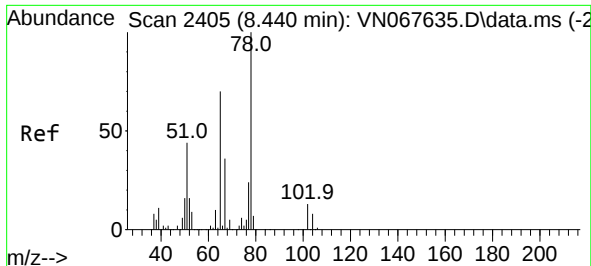
Tgt Ion: 83 Resp: 219785
Ion Ratio Lower Upper
83 100
85 51.2 51.5 77.3#



#31
Cyclohexane
Concen: 662.387 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. 0.002 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

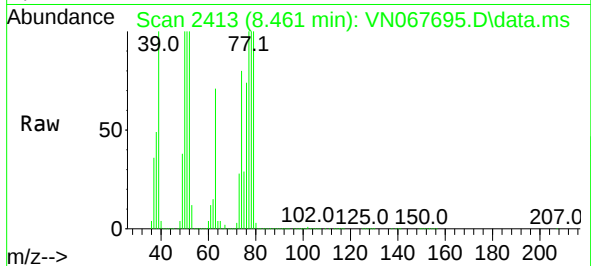
Tgt Ion: 56 Resp: 9886131
Ion Ratio Lower Upper
56 100
69 32.4 27.3 40.9
84 91.5 64.9 97.3



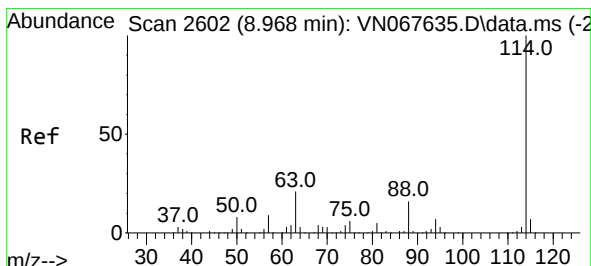
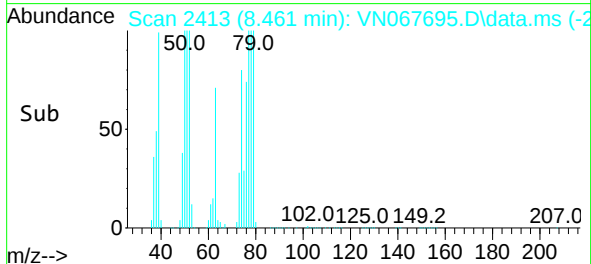
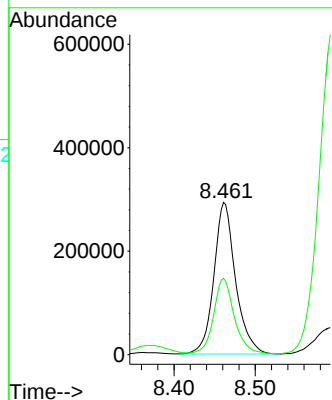


#33
 1,2-Dichloroethane-d4
 Concen: 51.045 ug/l
 RT: 8.461 min Scan# 2413
 Delta R.T. 0.021 min
 Lab File: VN067695.D
 Acq: 9 Jul 2021 19:06

Instrument :
 MSVOA_N
 ClientSampleId :
 33262

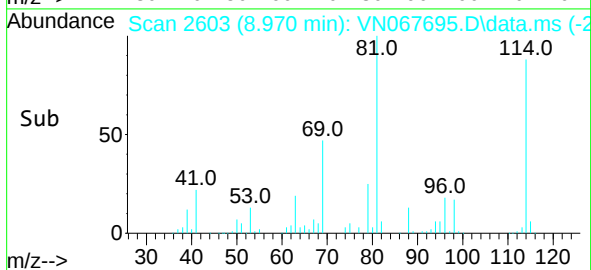
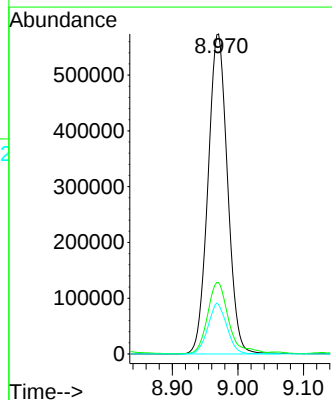
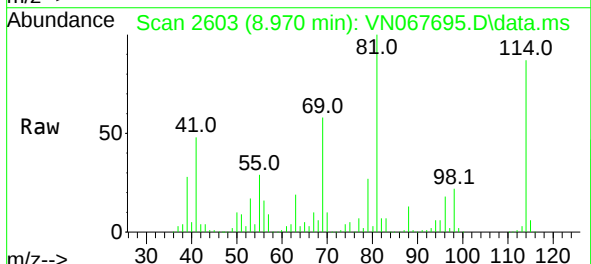


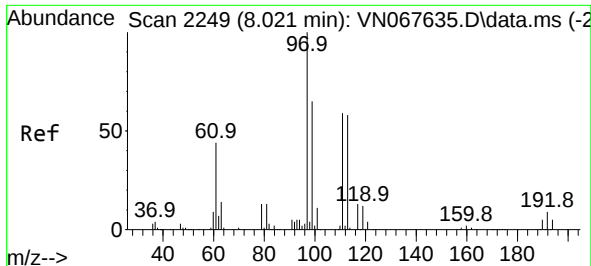
Tgt Ion: 65 Resp: 543341
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.970 min Scan# 2603
 Delta R.T. 0.002 min
 Lab File: VN067695.D
 Acq: 9 Jul 2021 19:06

Tgt Ion: 114 Resp: 1184094
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 49.0
 88 15.4 0.0 36.6

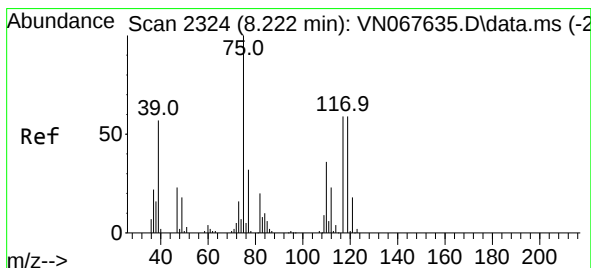
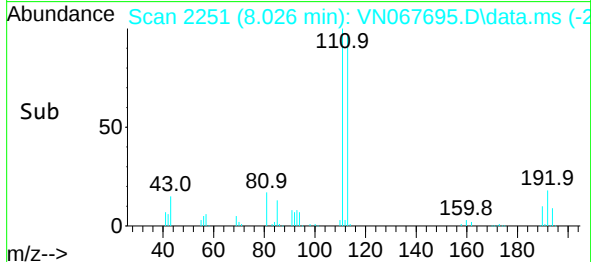
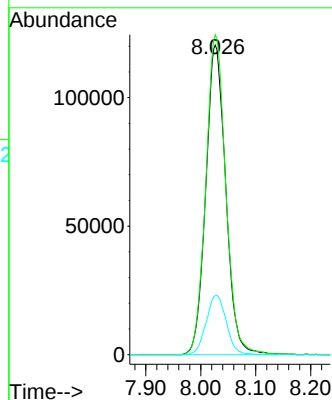
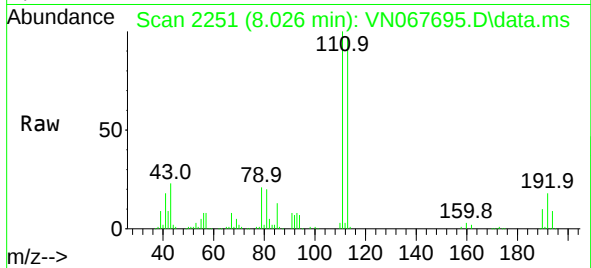




#35
Dibromofluoromethane
Concen: 42.513 ug/l
RT: 8.026 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

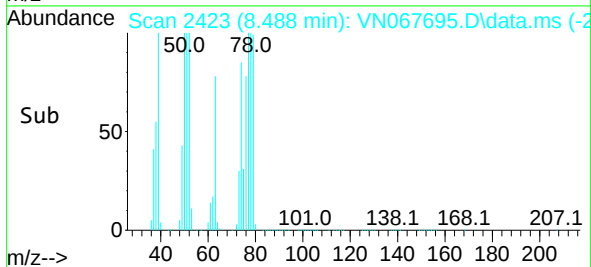
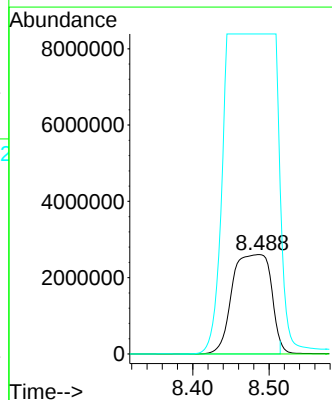
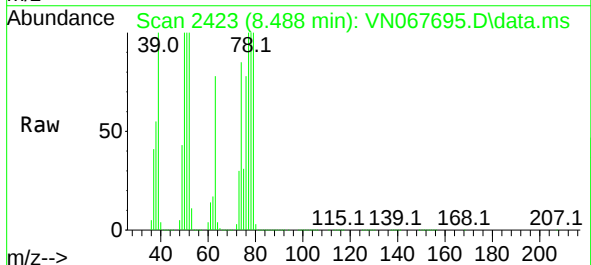
Instrument :
MSVOA_N
ClientSampleId :
33262

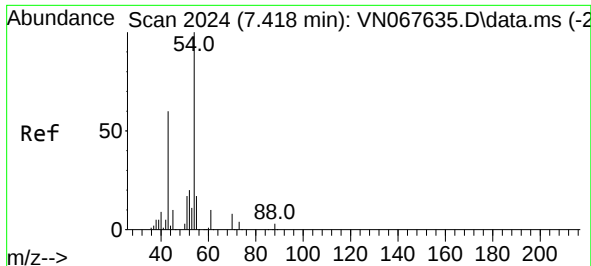
Tgt Ion:113 Resp: 304139
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.8
192 19.3 13.4 20.0



#36
1,1-Dichloropropene
Concen: 832.474 ug/l
RT: 8.488 min Scan# 2423
Delta R.T. 0.266 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 75 Resp: 9156439
Ion Ratio Lower Upper
75 100
110 0.0 15.7 47.0#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 118.127 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN067695.D

Acq: 9 Jul 2021 19:06

Instrument :

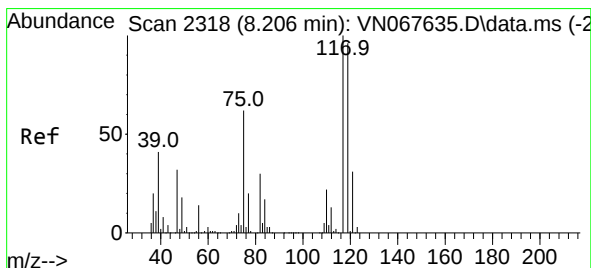
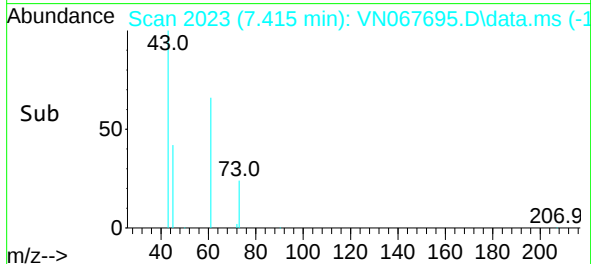
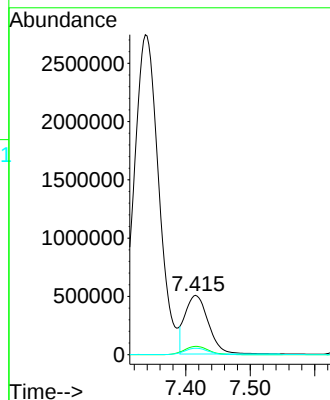
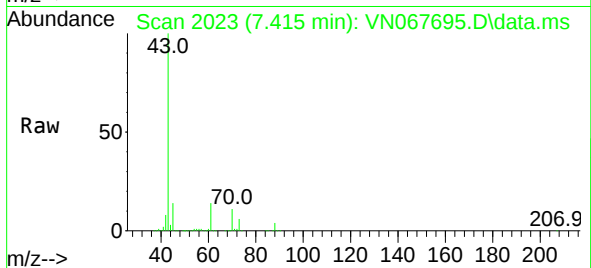
MSVOA_N

ClientSampleId :

33262

Tgt Ion: 43 Resp: 1258918

Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.6	16.0
70	11.2	8.1	12.1



#38

Carbon Tetrachloride

Concen: 6.362 ug/l

RT: 8.088 min Scan# 2274

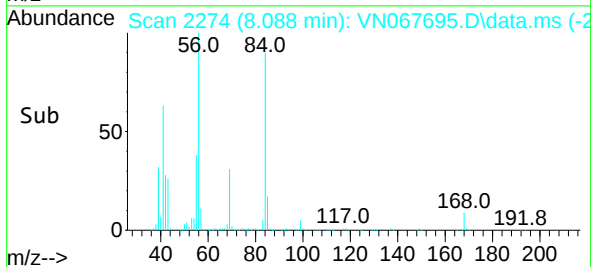
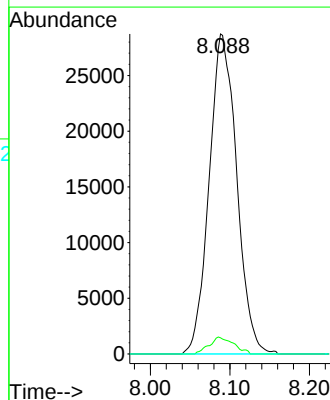
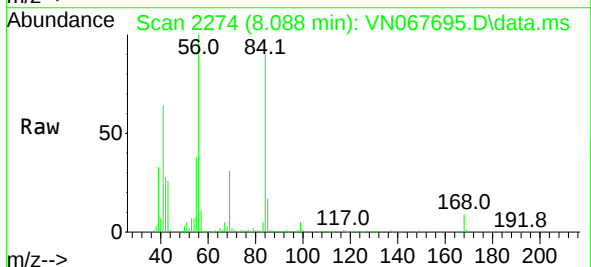
Delta R.T. -0.118 min

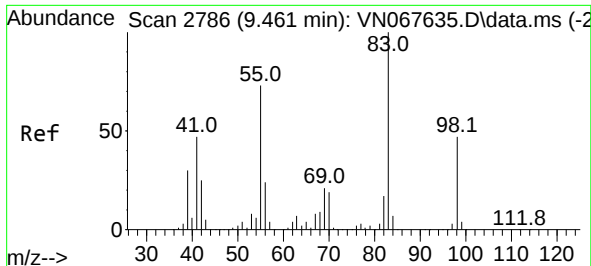
Lab File: VN067695.D

Acq: 9 Jul 2021 19:06

Tgt Ion: 117 Resp: 69023

Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.4	113.2#
121	0.0	23.5	35.3#



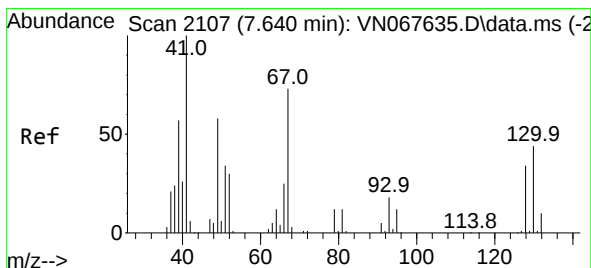
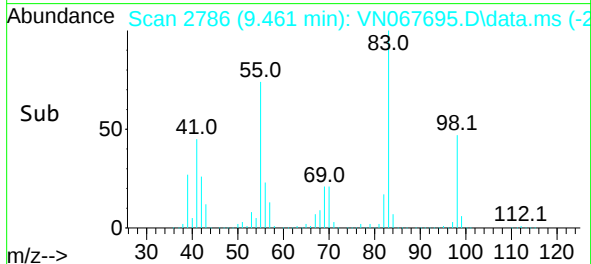
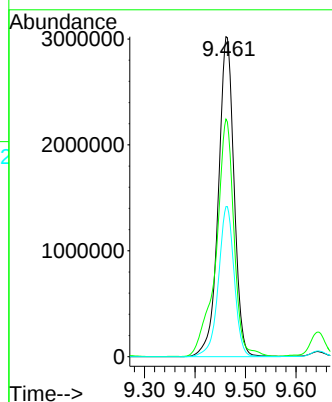
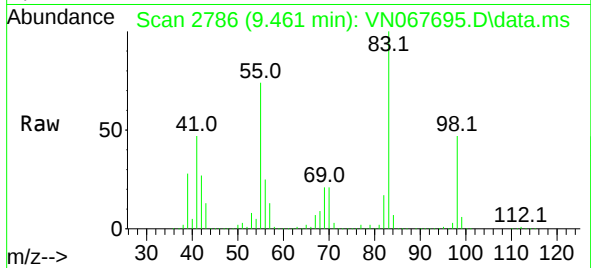


#39
Methylcyclohexane
Concen: 541.959 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Instrument :
MSVOA_N
ClientSampleId :
33262

Tgt Ion: 83 Resp: 6525812

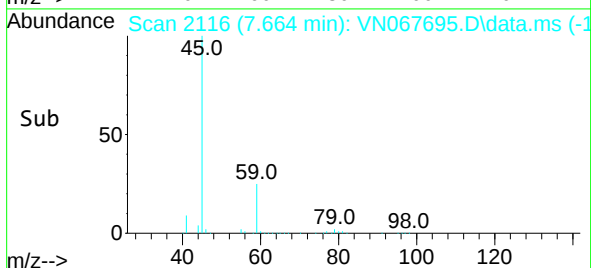
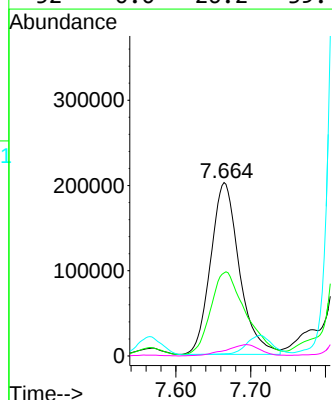
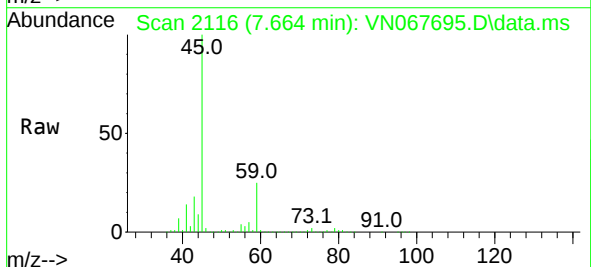
Ion	Ratio	Lower	Upper
83	100		
55	74.2	66.6	99.8
98	46.9	35.3	52.9

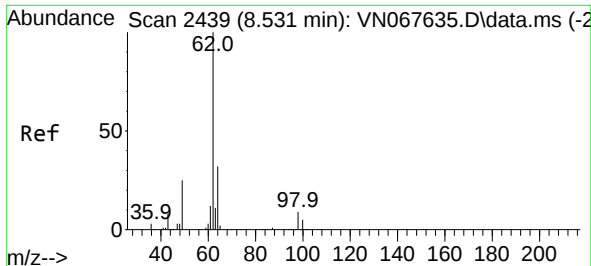


#41
Methacrylonitrile
Concen: 98.356 ug/l
RT: 7.664 min Scan# 2116
Delta R.T. 0.024 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 41 Resp: 538728

Ion	Ratio	Lower	Upper
41	100		
39	58.4	47.6	71.4
67	0.0	57.7	86.5#
52	0.0	26.2	39.4#





#42

1,2-Dichloroethane

Concen: 386.299 ug/l

RT: 8.485 min Scan# 2422

Delta R.T. -0.046 min

Lab File: VN067695.D

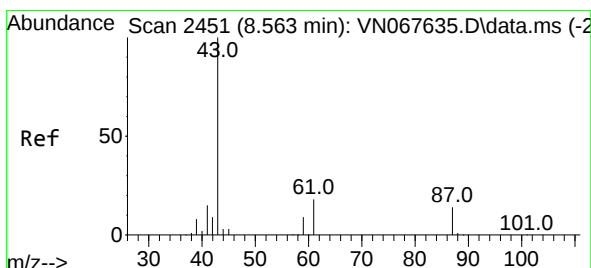
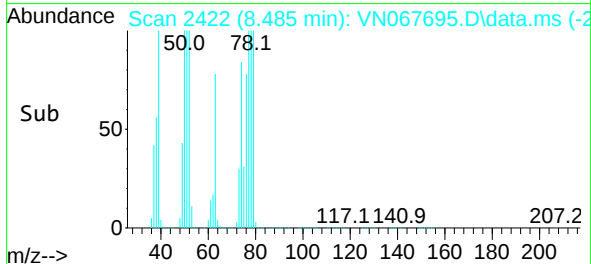
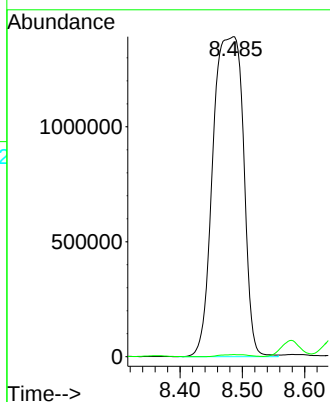
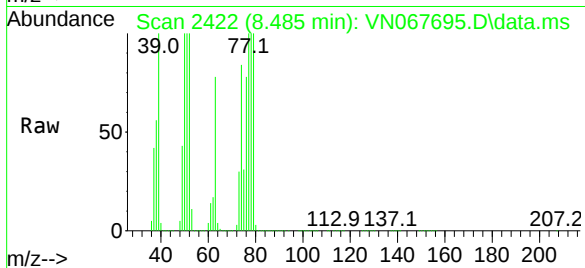
Acq: 9 Jul 2021 19:06

Tgt Ion: 62 Resp: 4723165

Ion Ratio Lower Upper

62 100

98 0.4 0.0 14.2



#43

Isopropyl Acetate

Concen: 24.868 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. -0.003 min

Lab File: VN067695.D

Acq: 9 Jul 2021 19:06

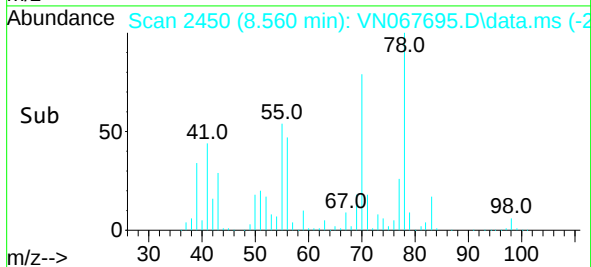
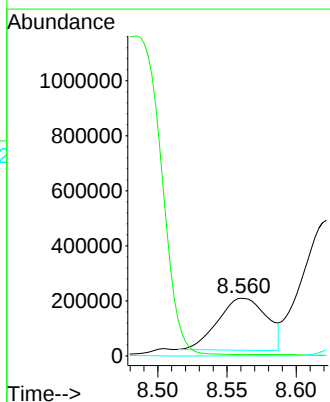
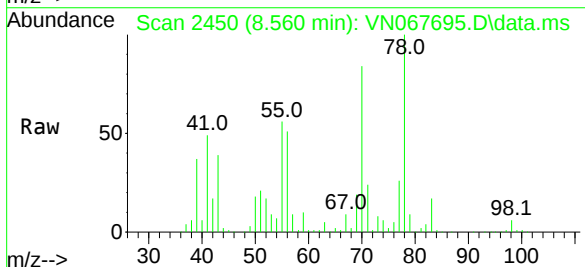
Tgt Ion: 43 Resp: 466196

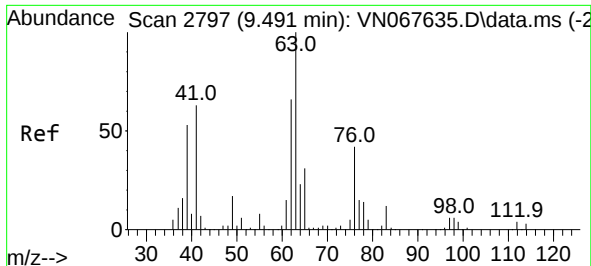
Ion Ratio Lower Upper

43 100

61 0.0 19.0 28.4#

87 0.0 9.5 14.3#



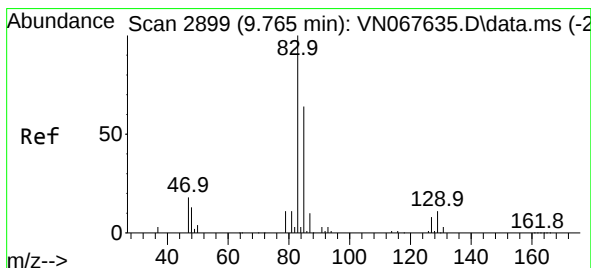
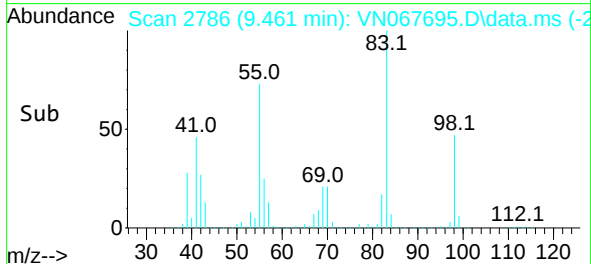
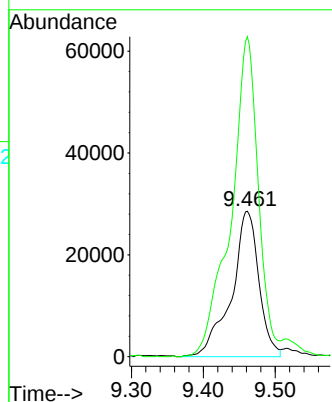
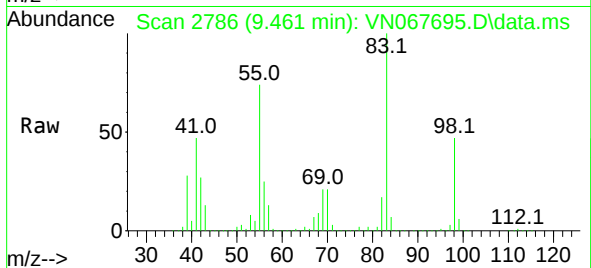


#45

1,2-Dichloropropane
Concen: 9.109 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.030 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Instrument :
MSVOA_N
ClientSampled :
33262

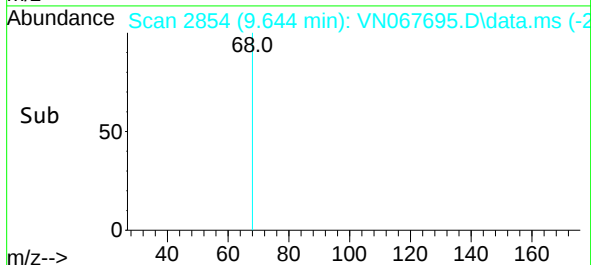
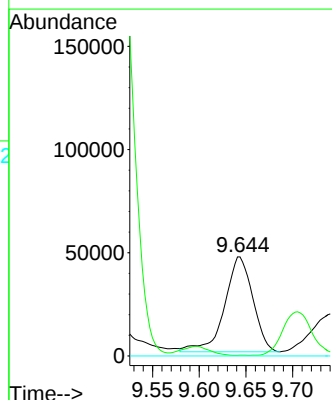
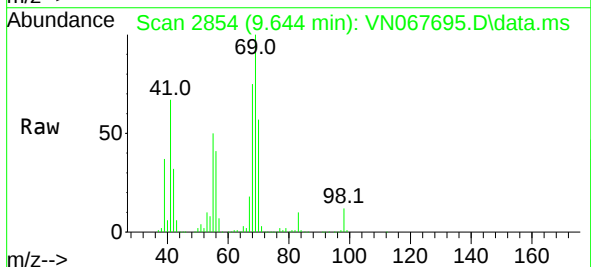
Tgt Ion: 63 Resp: 75934
Ion Ratio Lower Upper
63 100
65 219.9 24.3 36.5#

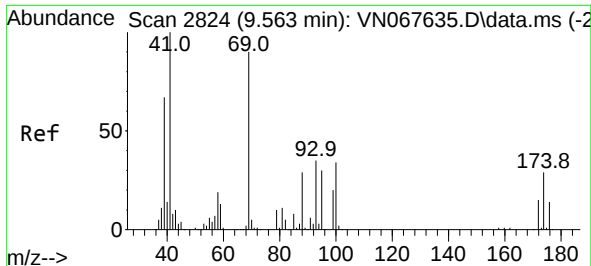


#47

Bromodichloromethane
Concen: 8.375 ug/l
RT: 9.644 min Scan# 2854
Delta R.T. -0.121 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 83 Resp: 96845
Ion Ratio Lower Upper
83 100
85 0.0 49.9 74.9#
127 0.0 6.1 9.1#

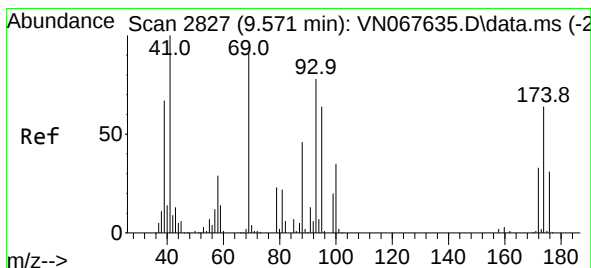
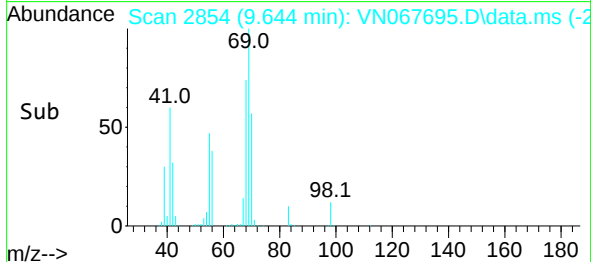
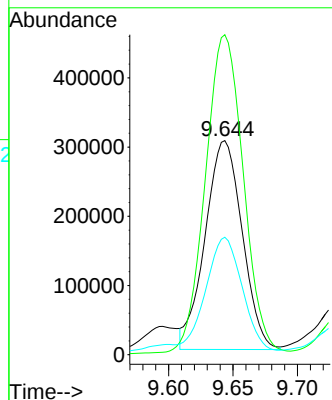
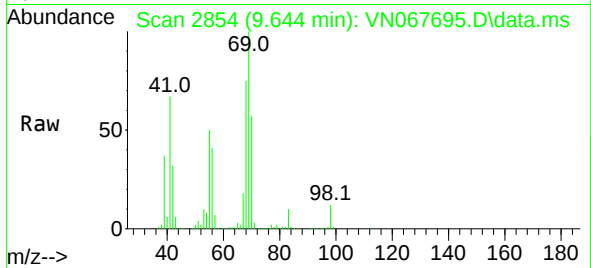




#48
Methyl methacrylate
Concen: 73.137 ug/l
RT: 9.644 min Scan# 2854
Delta R.T. 0.081 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

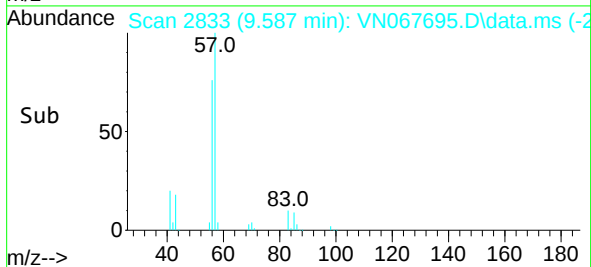
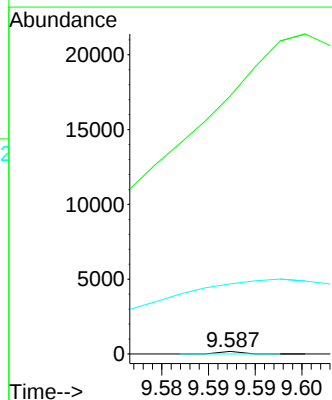
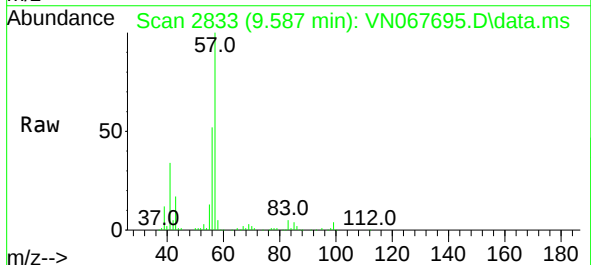
Instrument :
MSVOA_N
ClientSampled :
33262

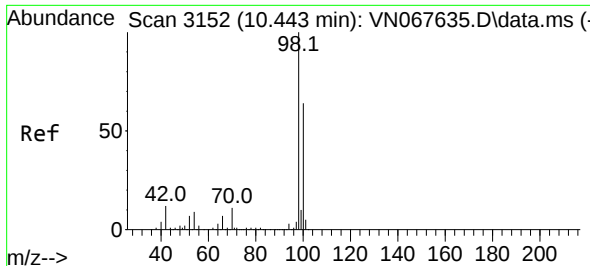
Tgt Ion: 41 Resp: 606408
Ion Ratio Lower Upper
41 100
69 156.7 64.6 96.8#
39 52.4 53.3 79.9#



#49
1,4-Dioxane
Concen: 32.292 ug/l
RT: 9.587 min Scan# 2833
Delta R.T. 0.016 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 135407.4 28.8 43.2#
58 34429.6 60.4 90.6#

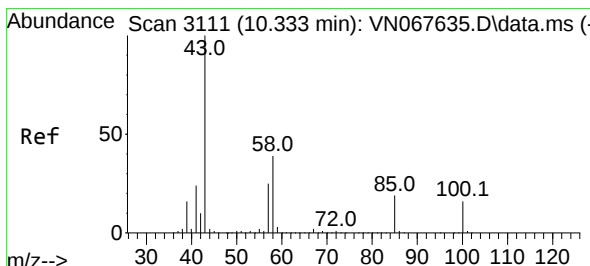
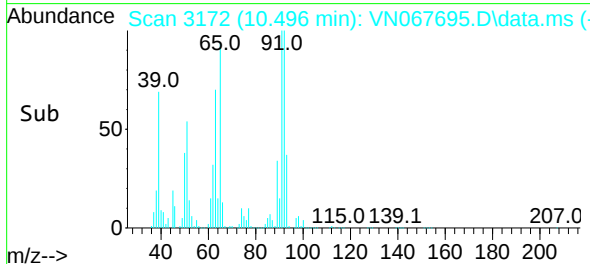
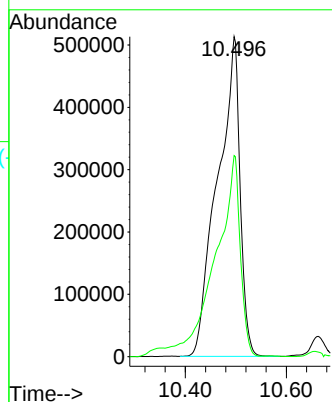
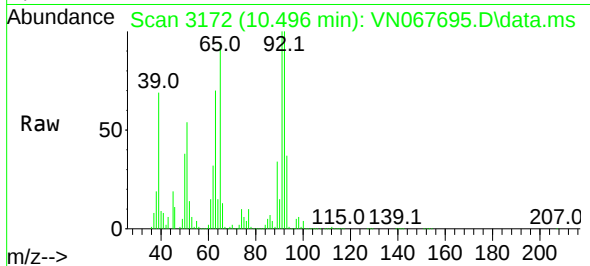




#50
Toluene-d8
Concen: 52.825 ug/l
RT: 10.496 min Scan# 3172
Delta R.T. 0.053 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

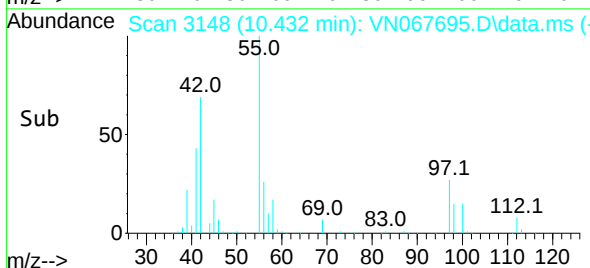
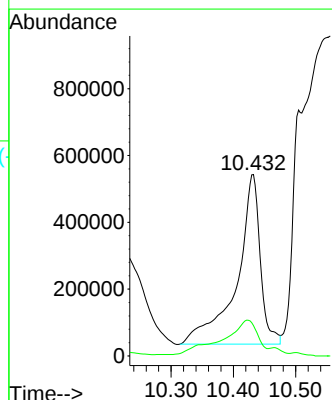
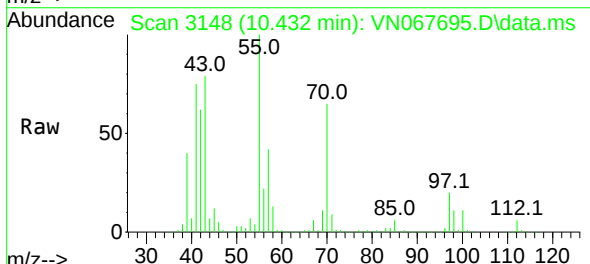
Instrument :
MSVOA_N
ClientSampled :
33262

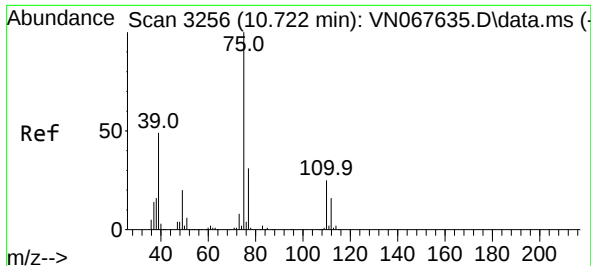
Tgt Ion: 98 Resp: 1581841
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 116.062 ug/l
RT: 10.432 min Scan# 3148
Delta R.T. 0.099 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 43 Resp: 1336677
Ion Ratio Lower Upper
43 100
58 29.6 28.6 43.0

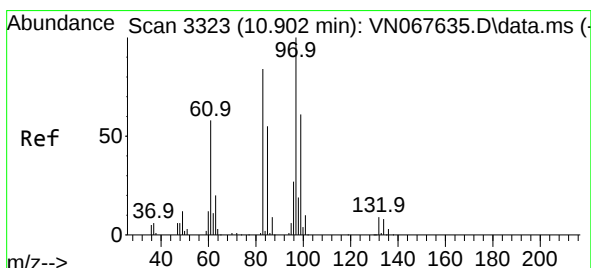
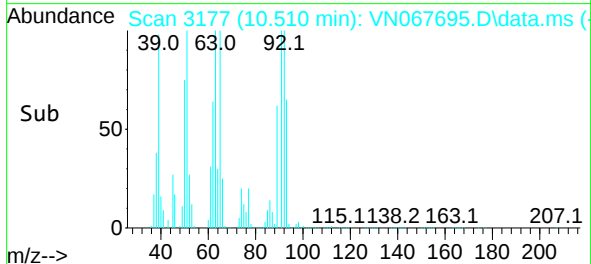
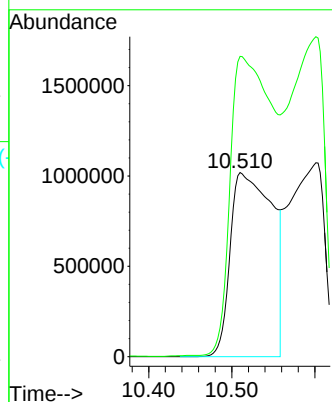
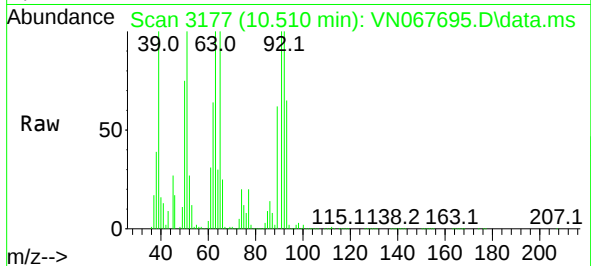




#53
t-1,3-Dichloropropene
Concen: 252.453 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. -0.212 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

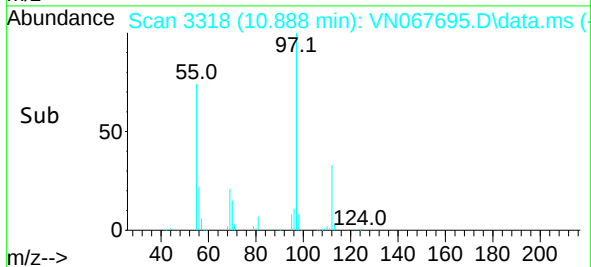
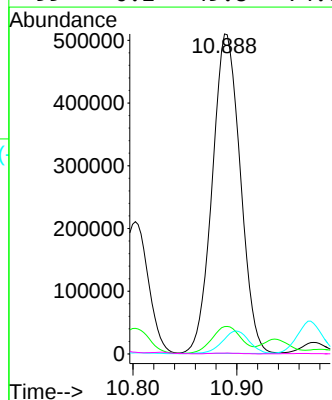
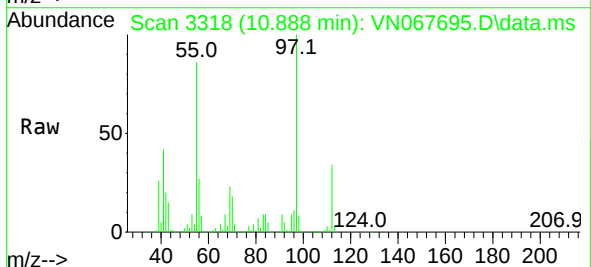
Instrument :
MSVOA_N
ClientSampled :
33262

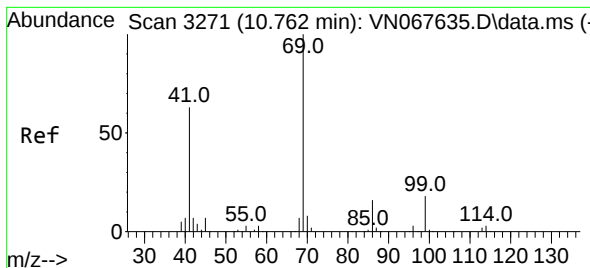
Tgt Ion: 75 Resp: 3579361
Ion Ratio Lower Upper
75 100
77 162.6 25.1 37.7#



#55
1,1,2-Trichloroethane
Concen: 115.395 ug/l
RT: 10.888 min Scan# 3318
Delta R.T. -0.014 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 97 Resp: 953745
Ion Ratio Lower Upper
97 100
83 8.5 72.0 108.0#
85 4.5 46.8 70.2#
99 0.2 49.8 74.6#

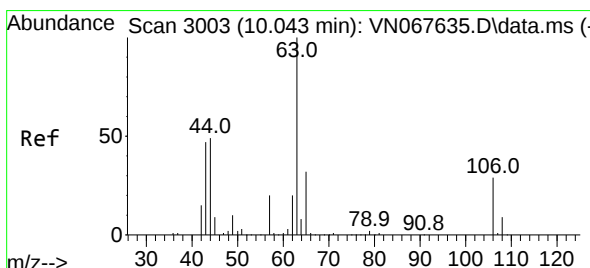
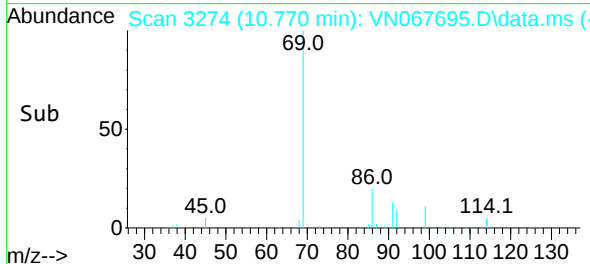
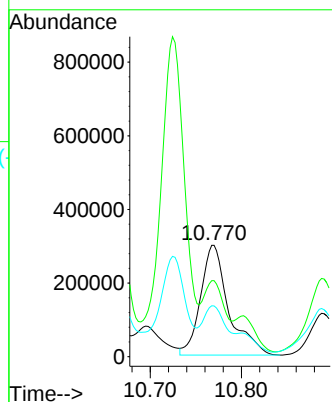
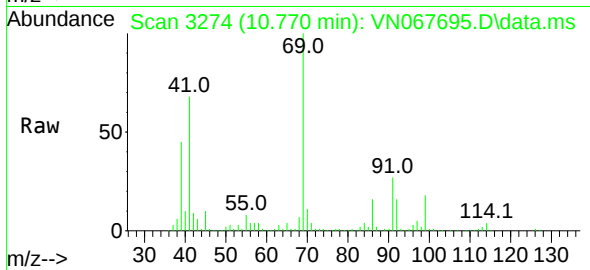




#56
Ethyl methacrylate
Concen: 50.255 ug/l
RT: 10.770 min Scan# 3274
Delta R.T. 0.008 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

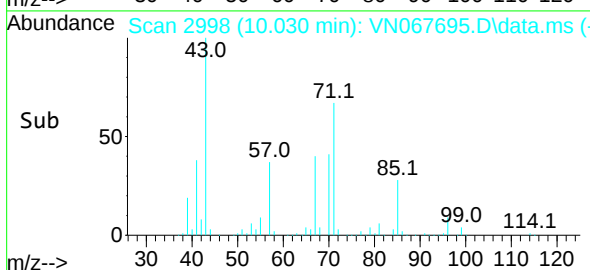
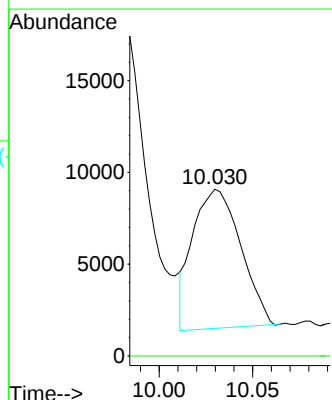
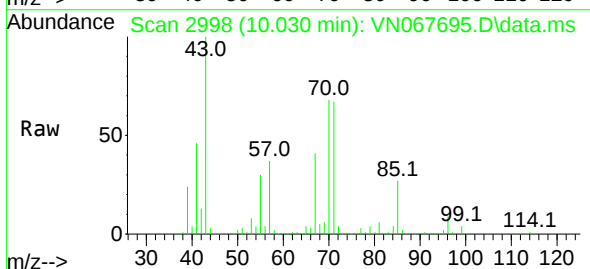
Instrument :
MSVOA_N
ClientSampled :
33262

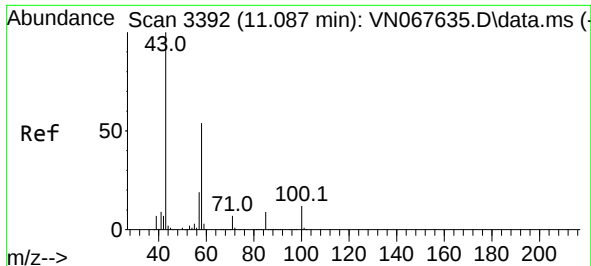
Tgt Ion: 69 Resp: 639914
Ion Ratio Lower Upper
69 100
41 20.0 58.6 88.0#
39 0.0 38.3 57.5#



#58
2-Chloroethyl Vinyl ether
Concen: 20.719 ug/l
RT: 10.030 min Scan# 2998
Delta R.T. -0.013 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 63 Resp: 13503
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#

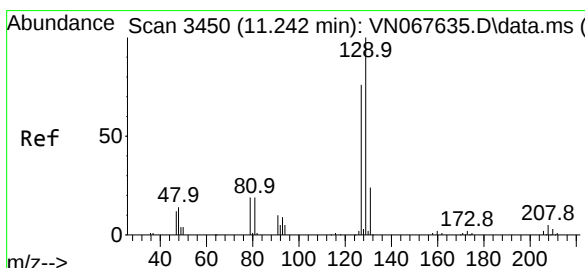
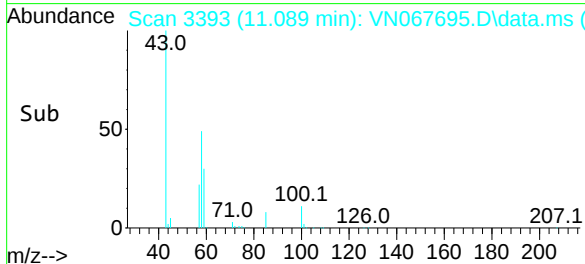
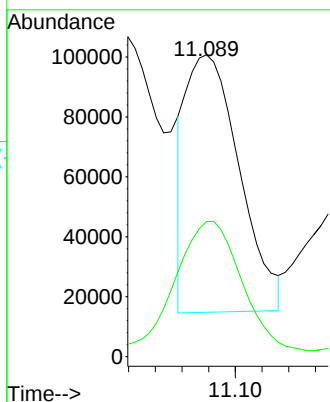
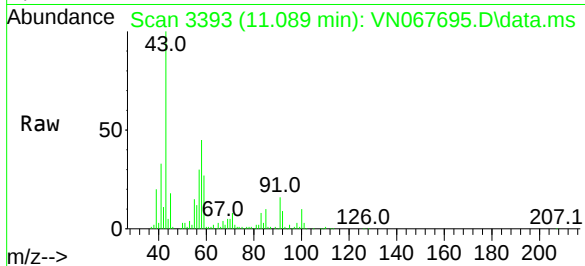




#59
2-Hexanone
Concen: 14.899 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

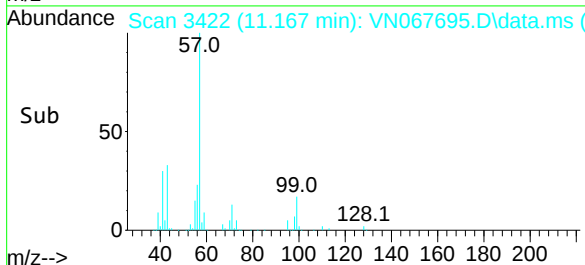
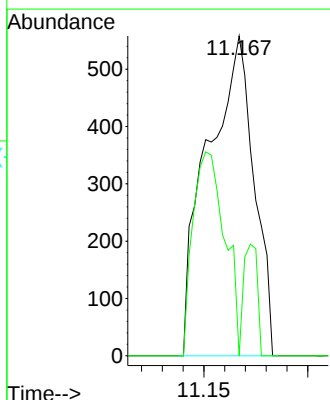
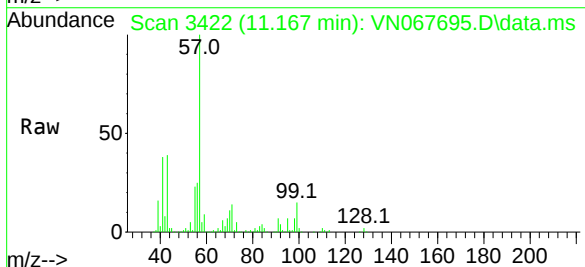
Instrument :
MSVOA_N
ClientSampled :
33262

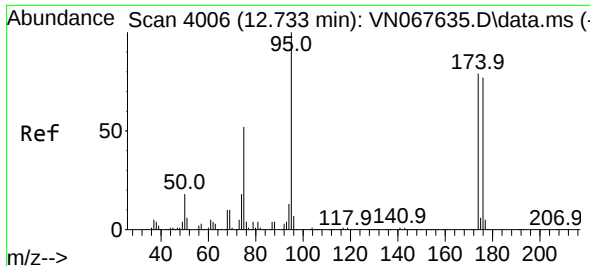
Tgt Ion: 43 Resp: 119774
Ion Ratio Lower Upper
43 100
58 70.1 24.7 74.1



#60
Dibromochloromethane
Concen: 2.438 ug/l
RT: 11.167 min Scan# 3422
Delta R.T. -0.075 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 129 Resp: 866
Ion Ratio Lower Upper
129 100
127 10.3 38.6 115.8#

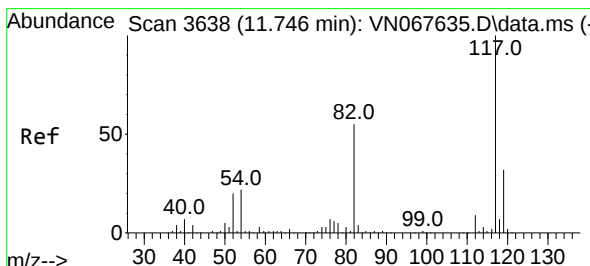
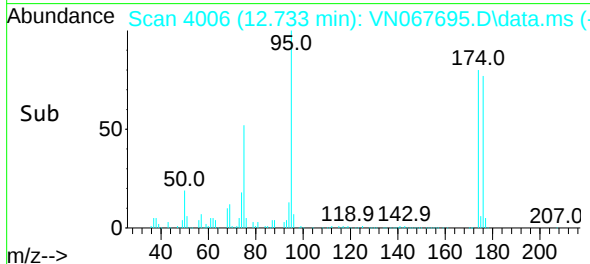
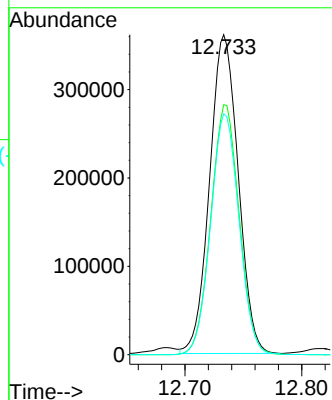
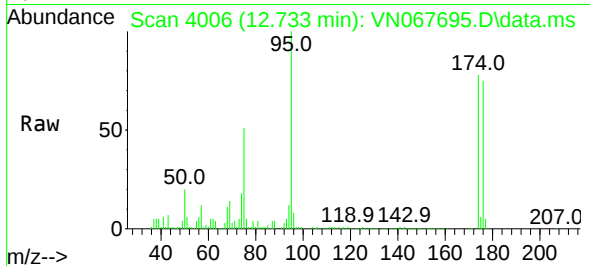




#62
4-Bromofluorobenzene
Concen: 57.985 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

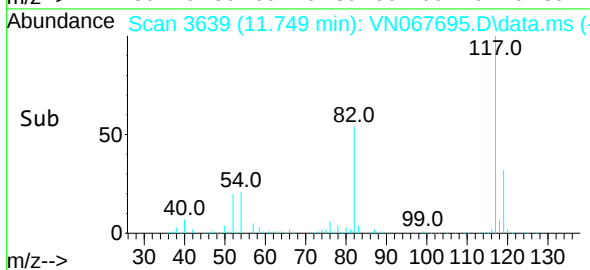
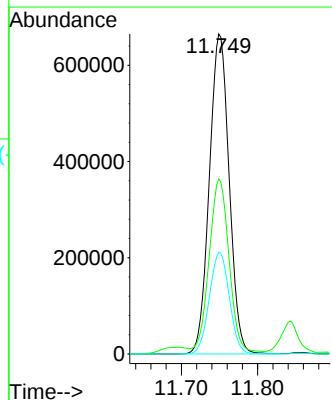
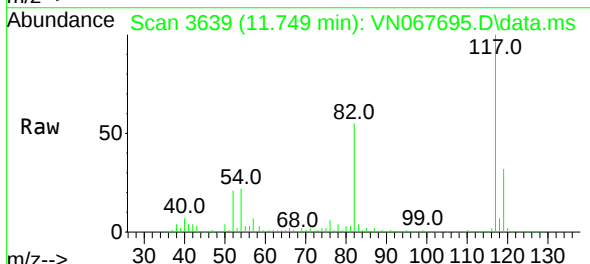
Instrument :
MSVOA_N
ClientSampleId :
33262

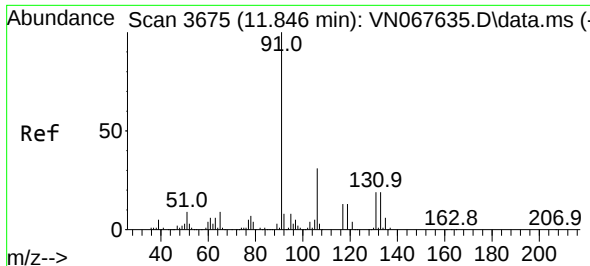
Tgt Ion: 95 Resp: 613372
Ion Ratio Lower Upper
95 100
174 78.0 0.0 122.0
176 75.0 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 117 Resp: 1197566
Ion Ratio Lower Upper
117 100
82 52.6 53.1 79.7#
119 31.8 25.5 38.3

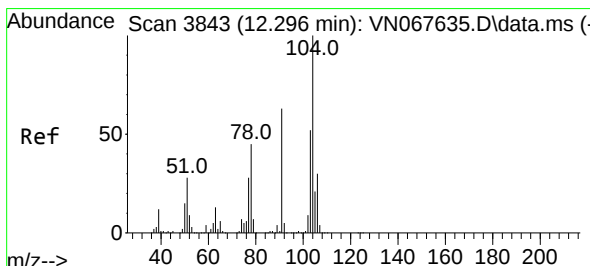
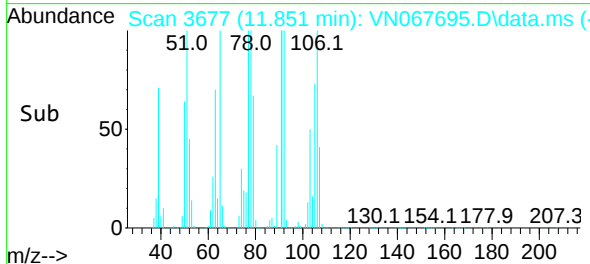
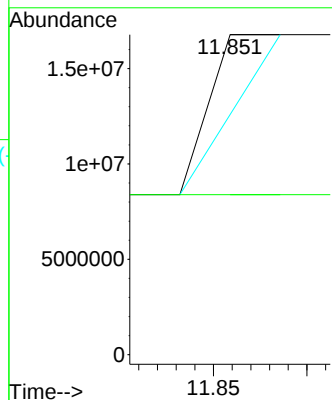
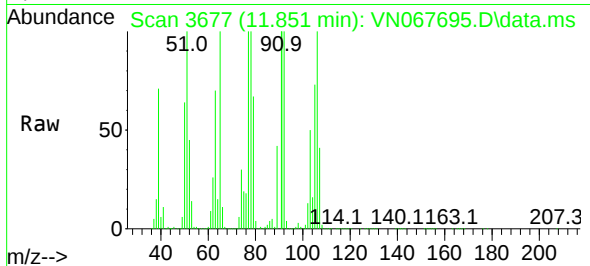




#67
Ethyl Benzene
Concen: 30.161 ug/l
RT: 11.851 min Scan# 3677
Delta R.T. 0.005 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

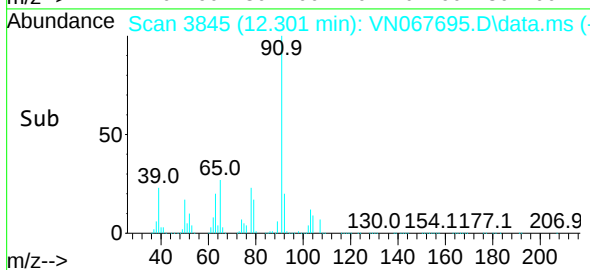
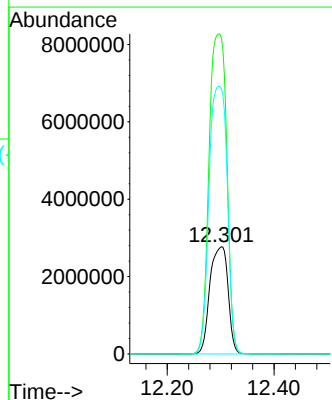
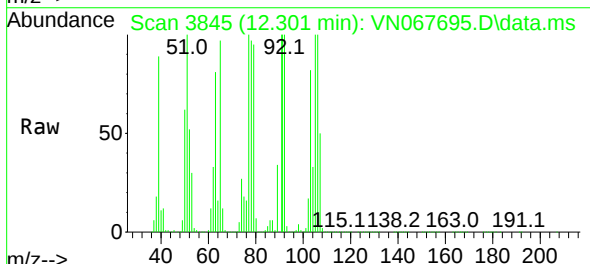
Instrument :
MSVOA_N
ClientSampleId :
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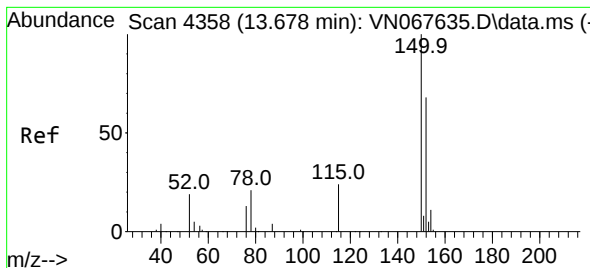
Tgt Ion: 91 Resp: 1350483
Ion Ratio Lower Upper
91 100
106 0.0 23.4 35.0#



#70
Styrene
Concen: 244.439 ug/l
RT: 12.301 min Scan# 3845
Delta R.T. 0.005 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion:104 Resp: 6510637
Ion Ratio Lower Upper
104 100
78 291.7 48.2 72.2#
103 250.2 44.5 66.7#

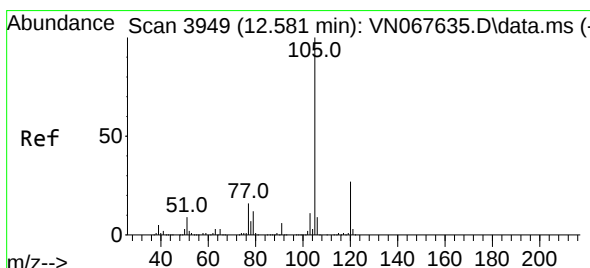
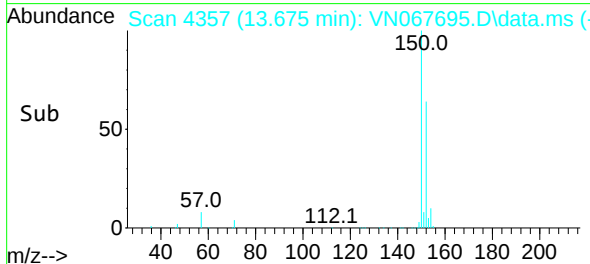
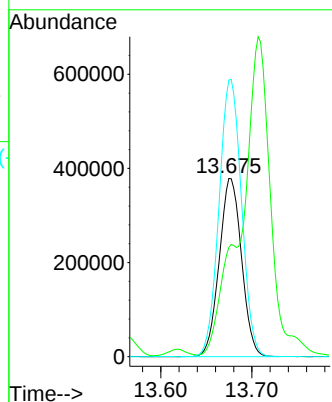
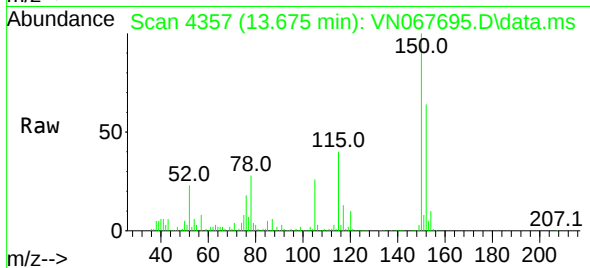




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

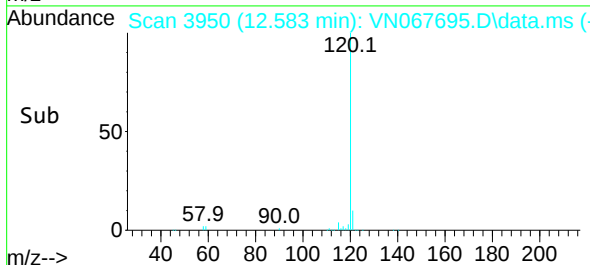
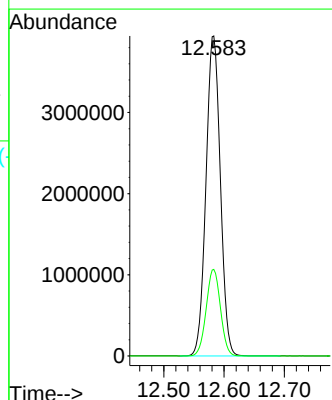
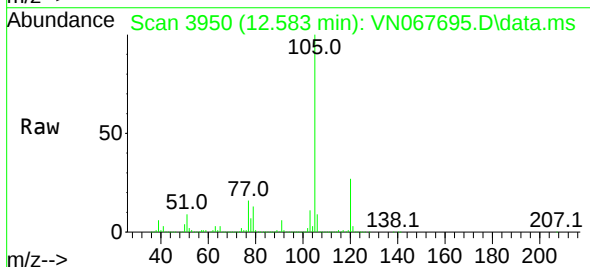
Instrument :
MSVOA_N
ClientSampleId :
33262

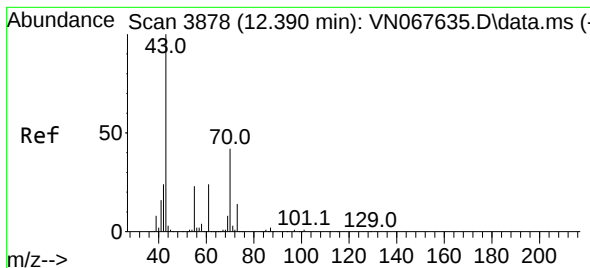
Tgt Ion:152 Resp: 643068
Ion Ratio Lower Upper
152 100
115 46.0 36.1 108.5
150 156.8 0.0 351.8



#73
Isopropylbenzene
Concen: 125.286 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

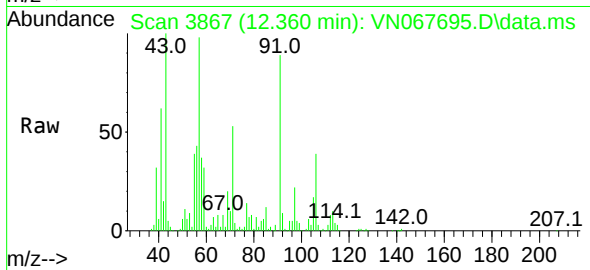
Tgt Ion:105 Resp: 6500537
Ion Ratio Lower Upper
105 100
120 27.0 12.5 37.5



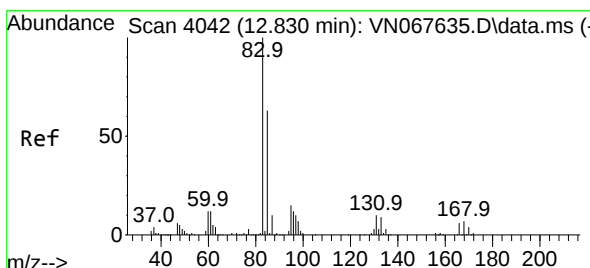
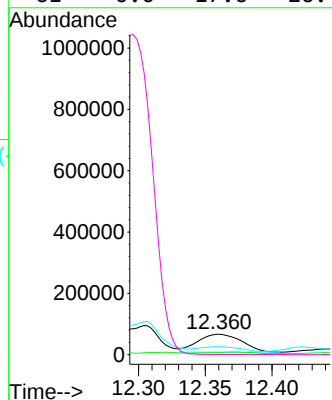
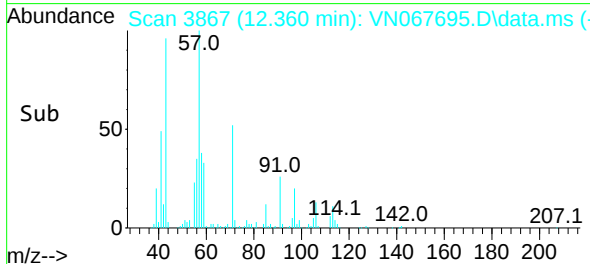


#74
N-amy1 acetate
Concen: 7.102 ug/l
RT: 12.360 min Scan# 3867
Delta R.T. -0.030 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

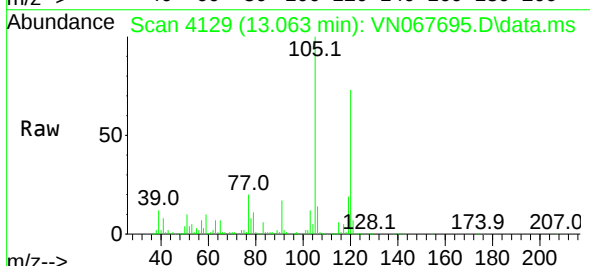
Instrument :
MSVOA_N
ClientSampled :
33262



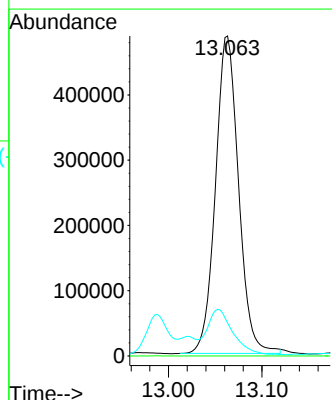
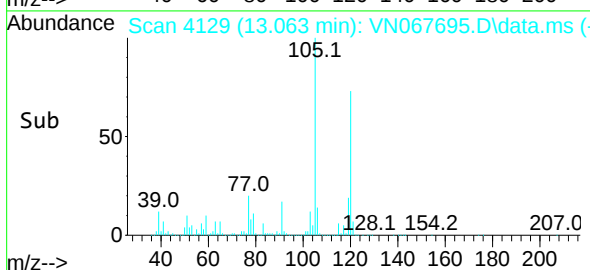
Tgt Ion: 43 Resp: 133682
Ion Ratio Lower Upper
43 100
70 8.0 29.4 44.2#
55 23.9 17.0 25.4
61 0.0 17.6 26.4#

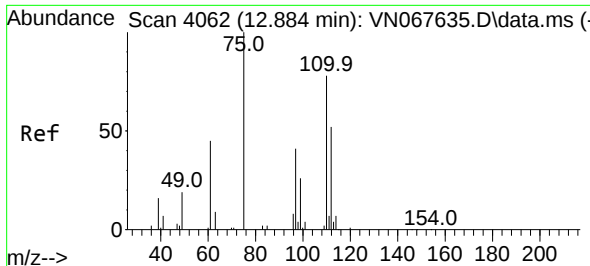


#75
1,1,2,2-Tetrachloroethane
Concen: 55.491 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.233 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06



Tgt Ion: 83 Resp: 835609
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 15.3 32.2 96.6#

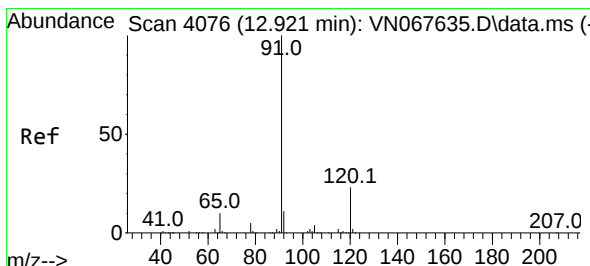
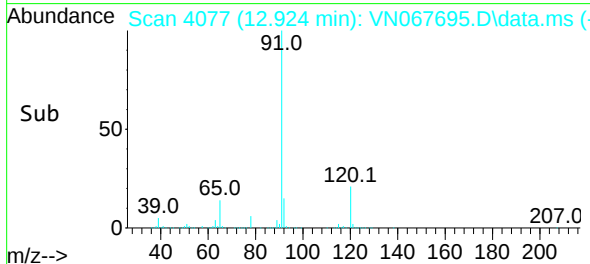
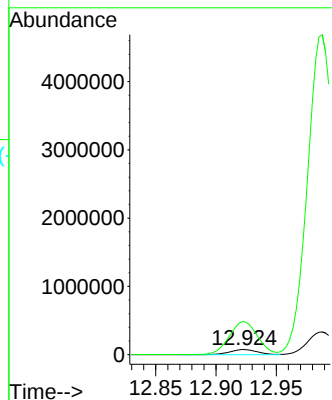
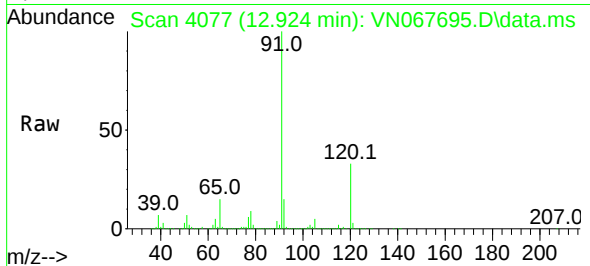




#76
1,2,3-Trichloropropane
Concen: 9.131 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.040 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

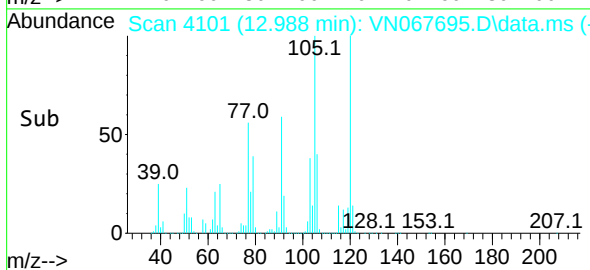
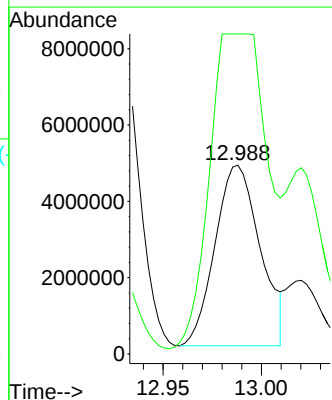
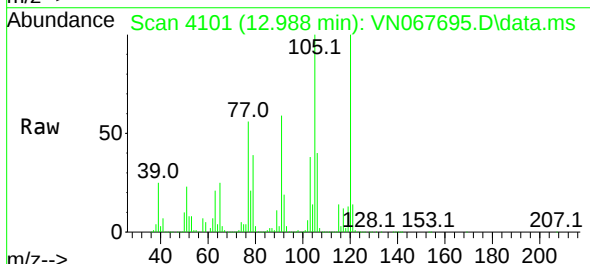
Instrument :
MSVOA_N
ClientSampled :
33262

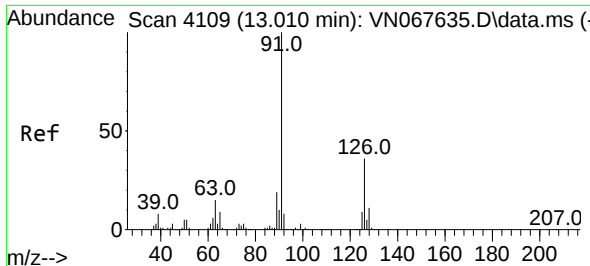
Tgt Ion: 75 Resp: 119919
Ion Ratio Lower Upper
75 100
77 652.6 0.0 0.0#



#78
n-propylbenzene
Concen: 128.758 ug/l
RT: 12.988 min Scan# 4101
Delta R.T. 0.067 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 91 Resp: 7555956
Ion Ratio Lower Upper
91 100
120 0.0 10.4 31.4#

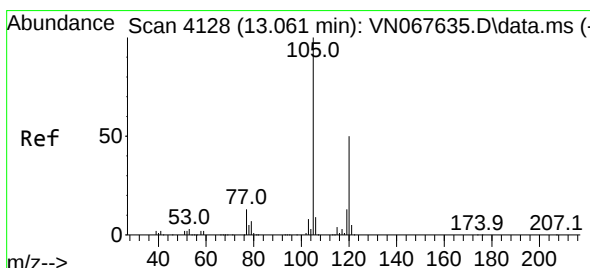
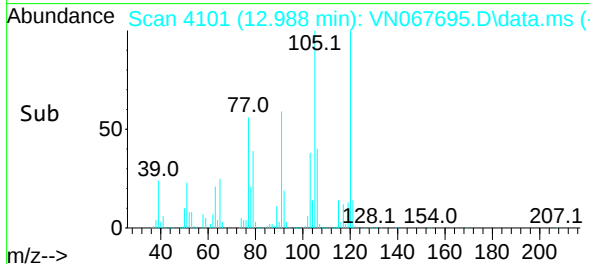
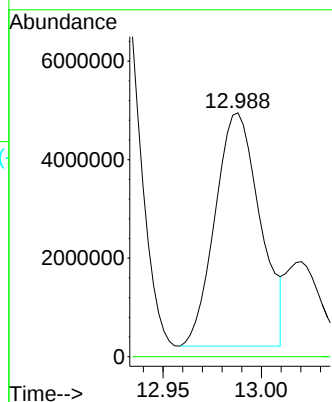
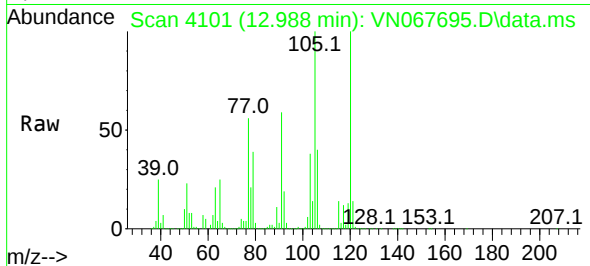




#79
2-Chlorotoluene
Concen: 213.120 ug/l
RT: 12.988 min Scan# 4101
Delta R.T. -0.022 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

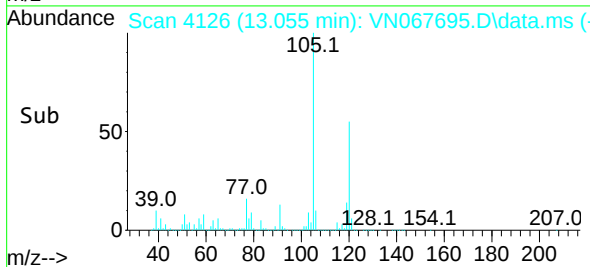
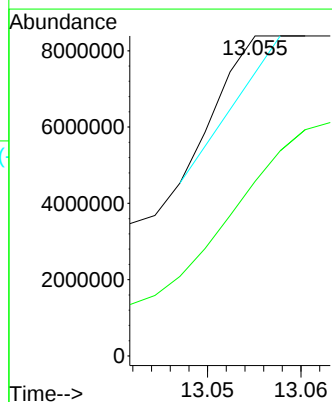
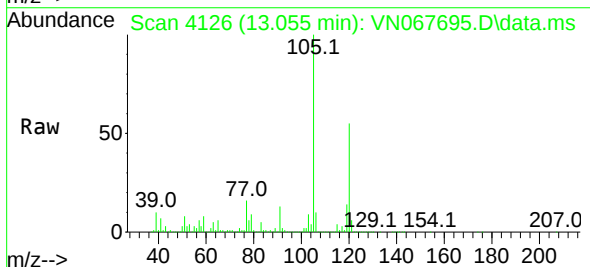
Instrument :
MSVOA_N
ClientSampleId :
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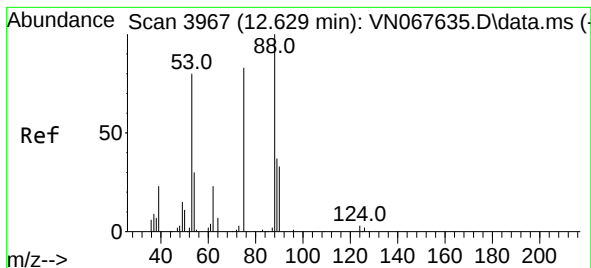
Tgt Ion: 91 Resp: 7555956
Ion Ratio Lower Upper
91 100
126 0.0 14.5 43.5#



#80
1,3,5-Trimethylbenzene
Concen: 20.356 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.006 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 105 Resp: 855809
Ion Ratio Lower Upper
105 100
120 1110.5 22.2 66.6#

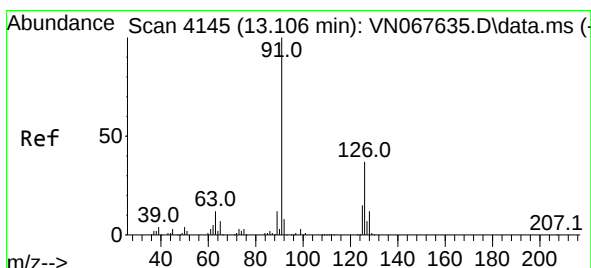
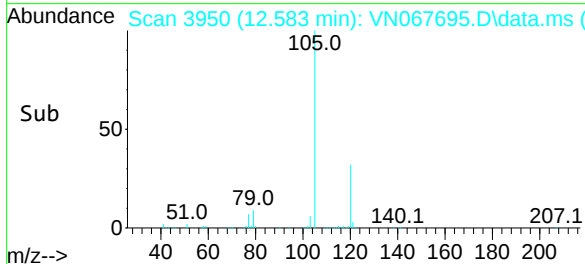
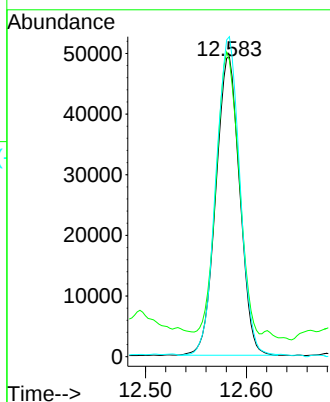
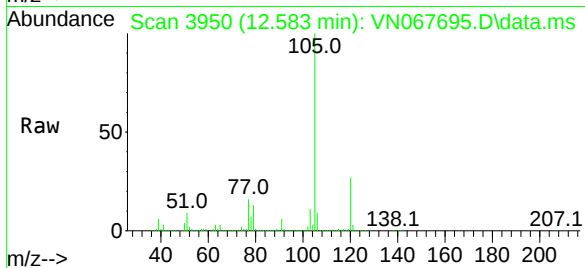




#81
trans-1,4-Dichloro-2-butene
Concen: 19.781 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. -0.046 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

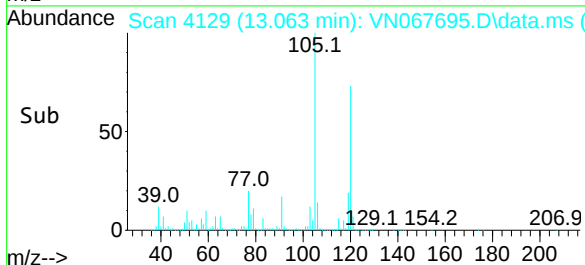
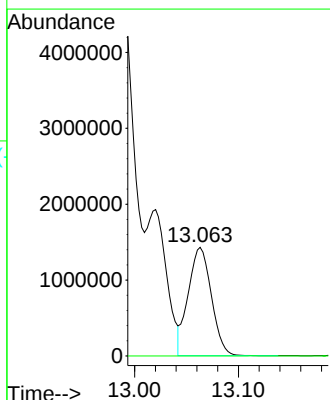
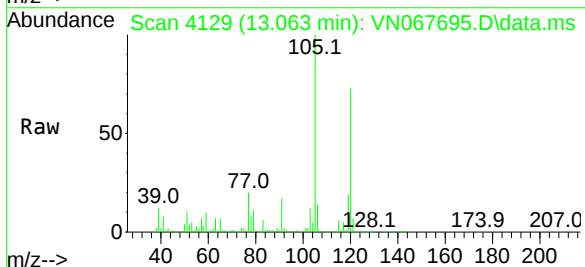
Instrument :
MSVOA_N
ClientSampleId :
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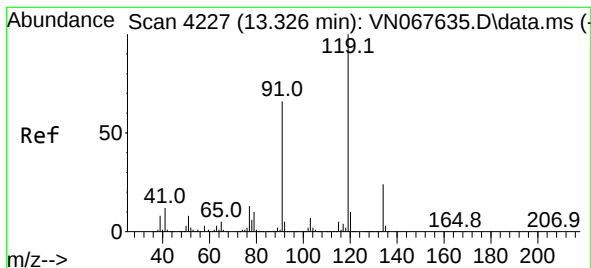
Tgt Ion: 75 Resp: 80575
Ion Ratio Lower Upper
75 100
53 89.0 87.6 131.4
89 107.1 37.8 56.8#



#82
4-Chlorotoluene
Concen: 62.935 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. -0.043 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 91 Resp: 2207935
Ion Ratio Lower Upper
91 100
126 0.1 14.8 44.4#

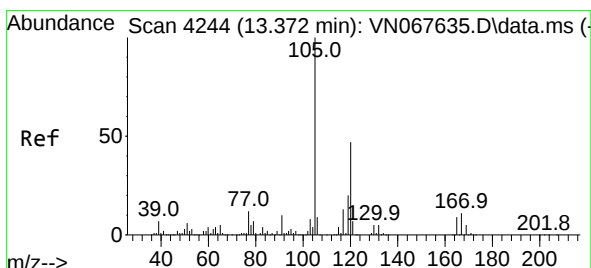
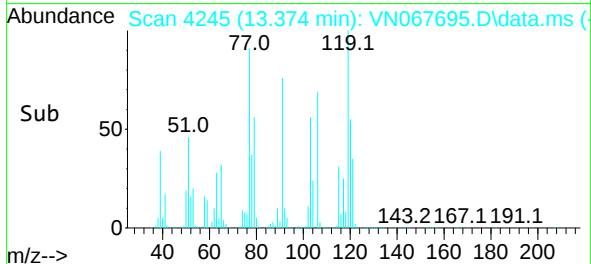
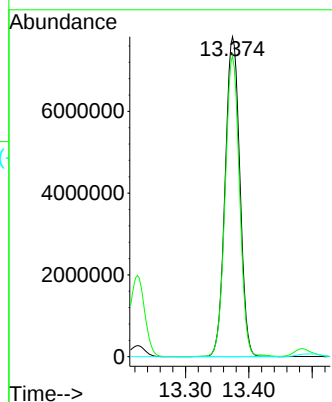
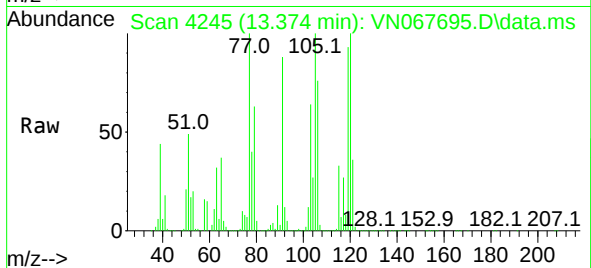




#83
tert-Butylbenzene
Concen: 350.611 ug/l
RT: 13.374 min Scan# 4245
Delta R.T. 0.048 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

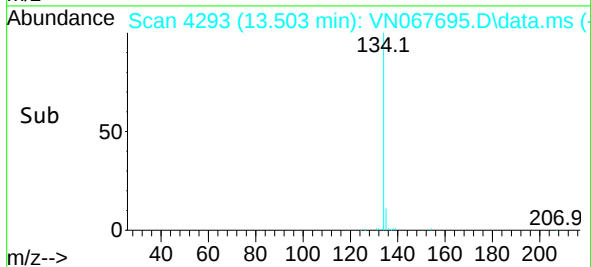
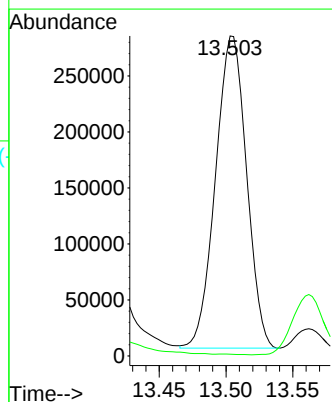
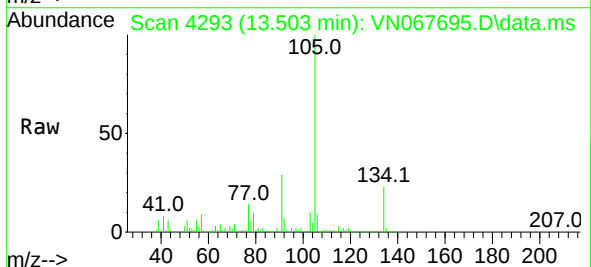
Instrument :
MSVOA_N
ClientSampleId :
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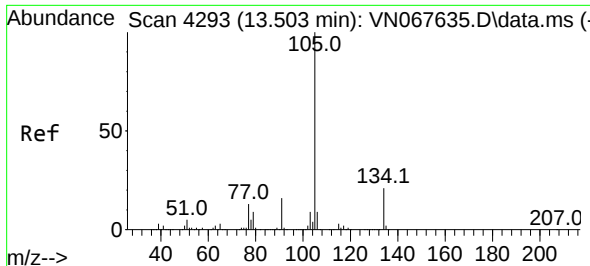
Tgt Ion:119 Resp:12570674
Ion Ratio Lower Upper
119 100
91 92.3 39.5 118.5
134 0.0 12.0 36.0#



#84
1,2,4-Trimethylbenzene
Concen: 10.949 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.131 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion:105 Resp: 451013
Ion Ratio Lower Upper
105 100
120 0.0 20.6 61.8#

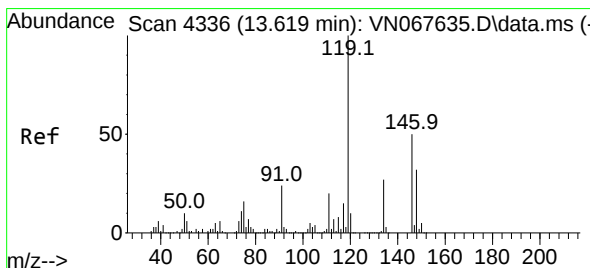
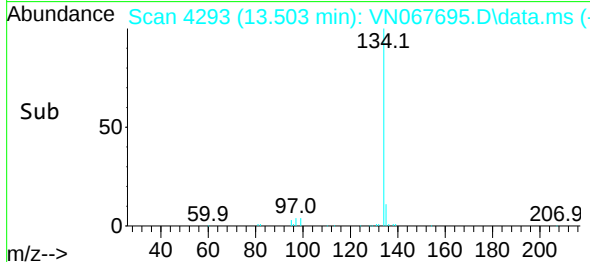
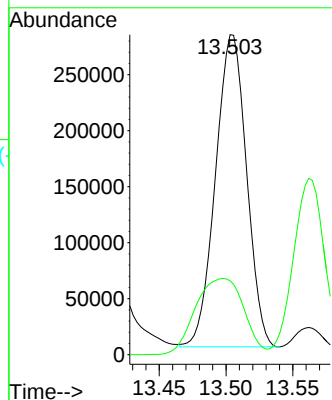
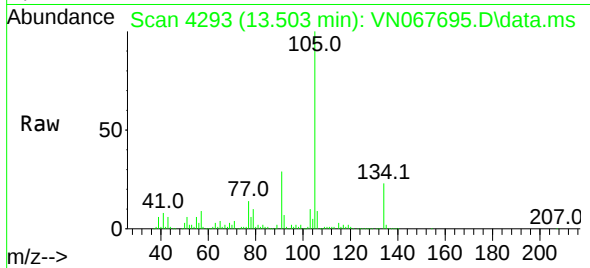




#85
 sec-Butylbenzene
 Concen: 9.089 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN067695.D
 Acq: 9 Jul 2021 19:06

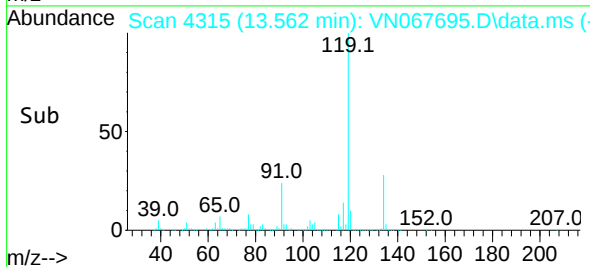
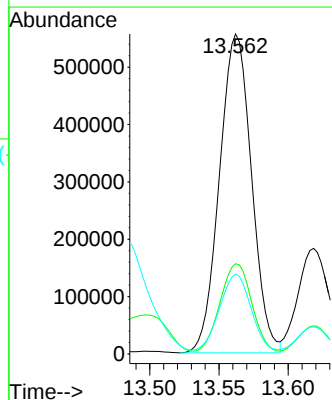
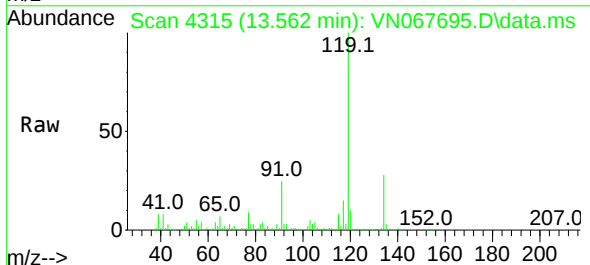
Instrument :
 MSVOA_N
 ClientSampleId :
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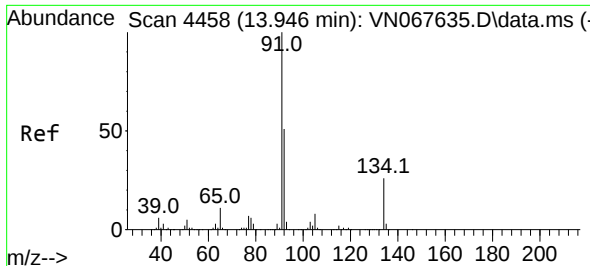
Tgt Ion:105 Resp: 451013
 Ion Ratio Lower Upper
 105 100
 134 37.8 9.0 27.1#



#86
 p-Isopropyltoluene
 Concen: 22.361 ug/l
 RT: 13.562 min Scan# 4315
 Delta R.T. -0.057 min
 Lab File: VN067695.D
 Acq: 9 Jul 2021 19:06

Tgt Ion:119 Resp: 895363
 Ion Ratio Lower Upper
 119 100
 134 28.6 12.4 37.4
 91 0.0 14.8 44.3#

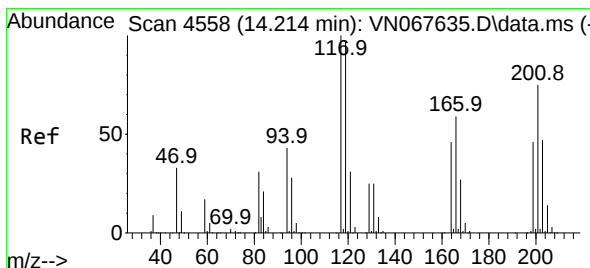
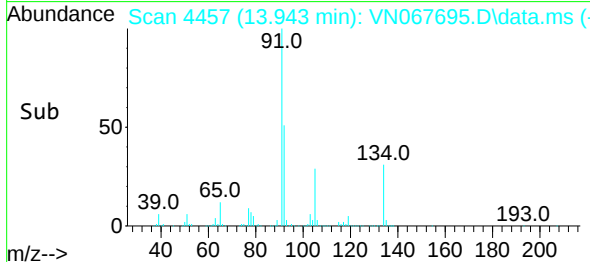
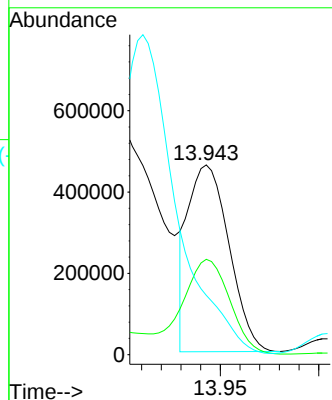
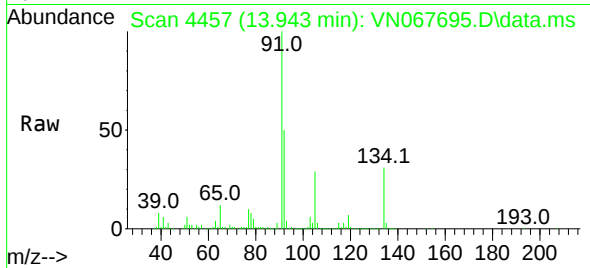




#89
n-Butylbenzene
Concen: 19.287 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

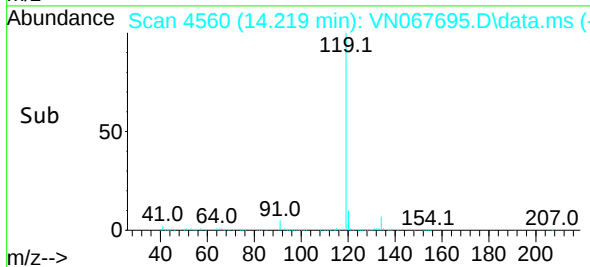
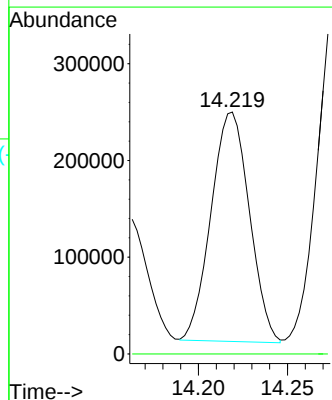
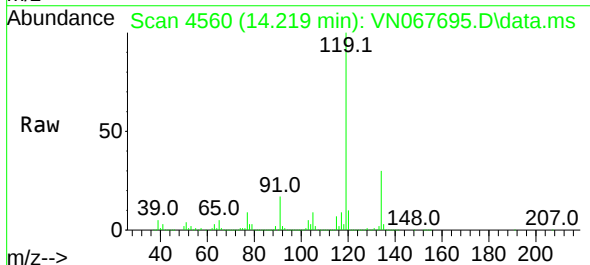
Instrument :
MSVOA_N
ClientSampled :
33262

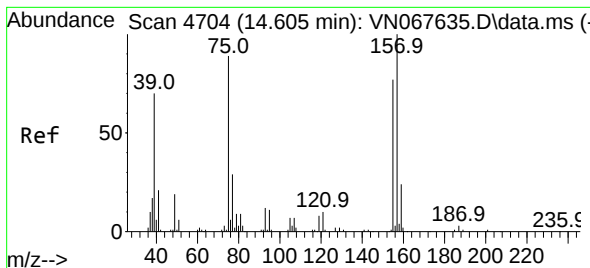
Tgt Ion: 91 Resp: 662405
Ion Ratio Lower Upper
91 100
92 58.0 25.7 77.1
134 0.0 11.2 33.6#



#90
Hexachloroethane
Concen: 53.386 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.005 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion: 117 Resp: 355033
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#

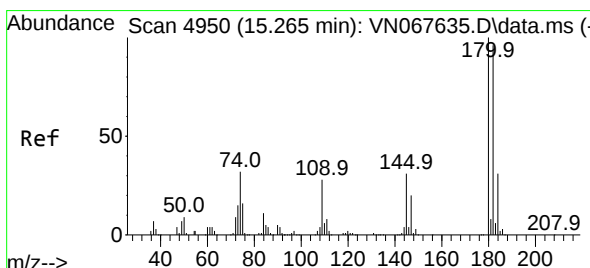
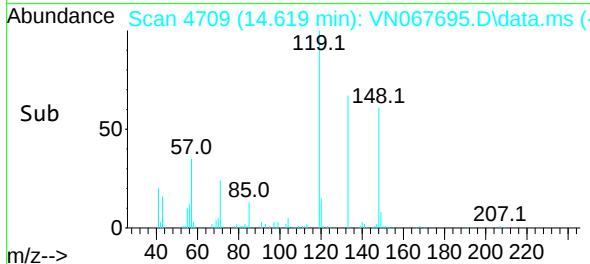
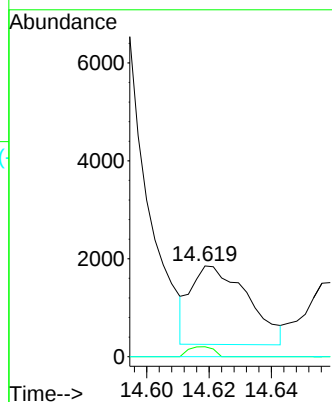
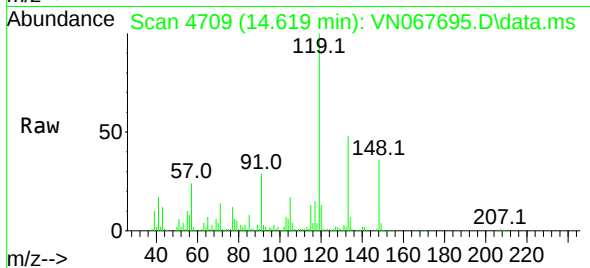




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.775 ug/l
 RT: 14.619 min Scan# 4709
 Delta R.T. 0.014 min
 Lab File: VN067695.D
 Acq: 9 Jul 2021 19:06

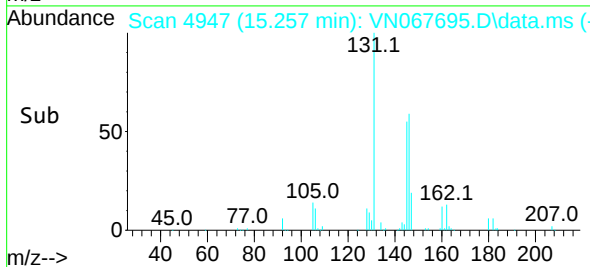
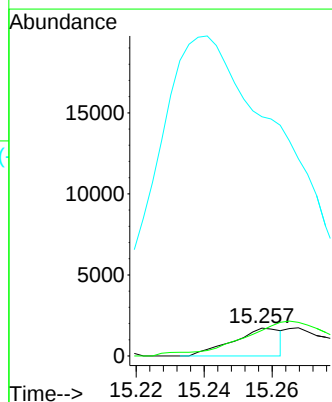
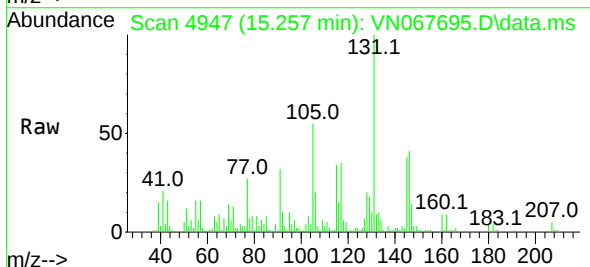
Instrument :
 MSVOA_N
 ClientSampled :
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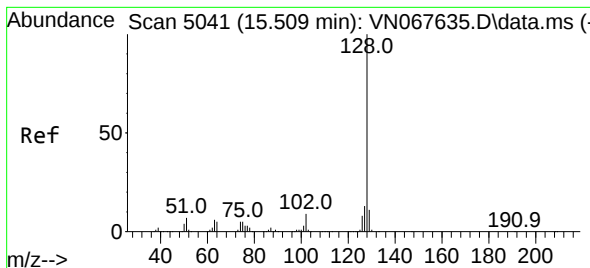
Tgt Ion: 75 Resp: 2028
 Ion Ratio Lower Upper
 75 100
 155 5.7 29.8 89.5#
 157 0.0 37.6 112.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.823 ug/l
 RT: 15.257 min Scan# 4947
 Delta R.T. -0.008 min
 Lab File: VN067695.D
 Acq: 9 Jul 2021 19:06

Tgt Ion: 180 Resp: 1682
 Ion Ratio Lower Upper
 180 100
 182 241.5 47.5 142.5#
 145 0.0 17.2 51.6#

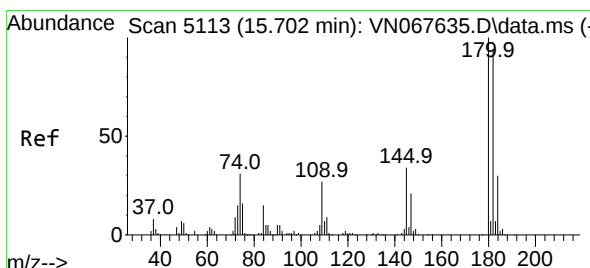
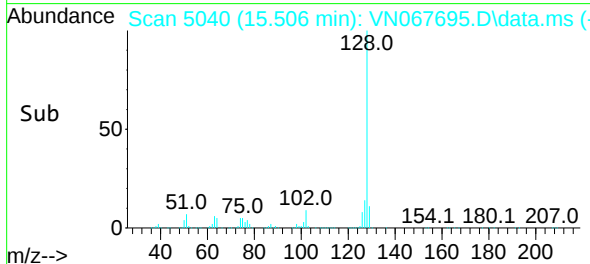
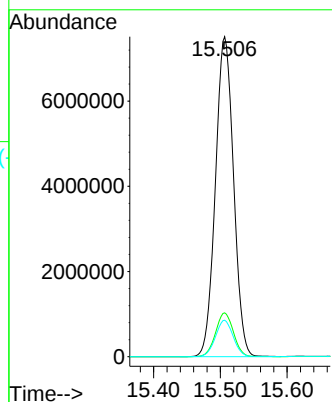
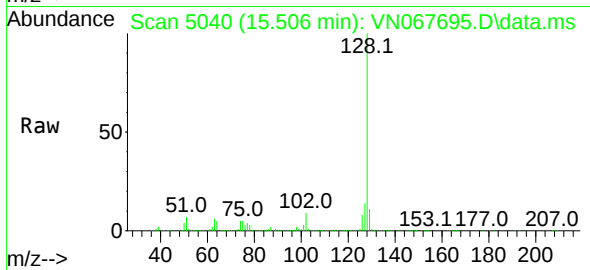




#95
Naphthalene
Concen: 425.550 ug/l
RT: 15.506 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Instrument :
MSVOA_N
ClientSampled :
33262

Tgt Ion:128 Resp:14156838
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.754 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN067695.D
Acq: 9 Jul 2021 19:06

Tgt Ion:180 Resp: 1312
Ion Ratio Lower Upper
180 100
182 279.0 47.8 143.3#
145 0.0 18.2 54.6#

