

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067637.D
 Acq On : 7 Jul 2021 16:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 08 05:59:21 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	8.086	168	421290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	773087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	718459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	273068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	308342	48.428	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.860%
35) Dibromofluoromethane	8.024	113	233231	49.934	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.860%
50) Toluene-d8	10.443	98	985709	50.418	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.733	95	317776	46.012	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.020%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.073	85	1222	0.341	ug/l	99
3) Chloromethane	2.301	50	1560	0.275	ug/l	94
5) Bromomethane	2.805	94	164	Below Cal	#	4
6) Chloroethane	3.001	64	157	Below Cal	#	44
7) Trichlorofluoromethane	3.371	101	2109	Below Cal		88
11) Tert butyl alcohol	5.396	59	217	0.237	ug/l	# 71
13) Acrolein	4.044	56	1049	Below Cal	#	72
15) Acrylonitrile	5.564	53	2115	0.932	ug/l	# 85
16) Acetone	4.299	43	6320	3.155	ug/l	96
17) Carbon Disulfide	4.521	76	11152	1.075	ug/l	97
18) Methyl Acetate	4.867	43	2277	0.405	ug/l	# 78
20) Methylene Chloride	5.087	84	4214	0.208	ug/l	# 76
21) trans-1,2-Dichloroethene	5.583	96	1444	0.326	ug/l	# 67
23) Vinyl Acetate	6.439	43	3861	0.289	ug/l	# 77
25) 2-Butanone	7.359	43	4738	1.424	ug/l	98
26) 2,2-Dichloropropane	7.319	77	1586	0.208	ug/l	# 57
27) cis-1,2-Dichloroethene	7.321	96	1241	0.224	ug/l	50
29) Tetrahydrofuran	7.691	42	943	0.431	ug/l	# 35
31) Cyclohexane	8.088	56	11988	1.343	ug/l	# 23
36) 1,1-Dichloropropene	8.222	75	3017	0.420	ug/l	# 74
38) Carbon Tetrachloride	8.088	117	45690	6.450	ug/l	# 16
39) Methylcyclohexane	9.464	83	2038	0.259	ug/l	88
41) Methacrylonitrile	7.643	41	1055	0.295	ug/l	# 55
44) Trichloroethene	9.212	130	2148	0.394	ug/l	96
46) Dibromomethane	9.579	93	954	0.247	ug/l	# 48
49) 1,4-Dioxane	9.574	88	817	39.475	ug/l	# 86
51) 4-Methyl-2-Pentanone	10.336	43	11147	1.482	ug/l	97
52) Toluene	10.510	92	3280	0.233	ug/l	93
53) t-1,3-Dichloropropene	10.722	75	1735	1.931	ug/l	# 80
56) Ethyl methacrylate	10.762	69	2624	0.316	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.043	63	675	17.297	ug/l	# 50
59) 2-Hexanone	11.089	43	21228	4.045	ug/l	96
60) Dibromochloromethane	11.240	129	650	2.450	ug/l	59
64) Tetrachloroethene	10.979	164	1895	0.374	ug/l	90
65) Chlorobenzene	11.768	112	5654	0.383	ug/l	96
67) Ethyl Benzene	11.848	91	8742	0.325	ug/l	99

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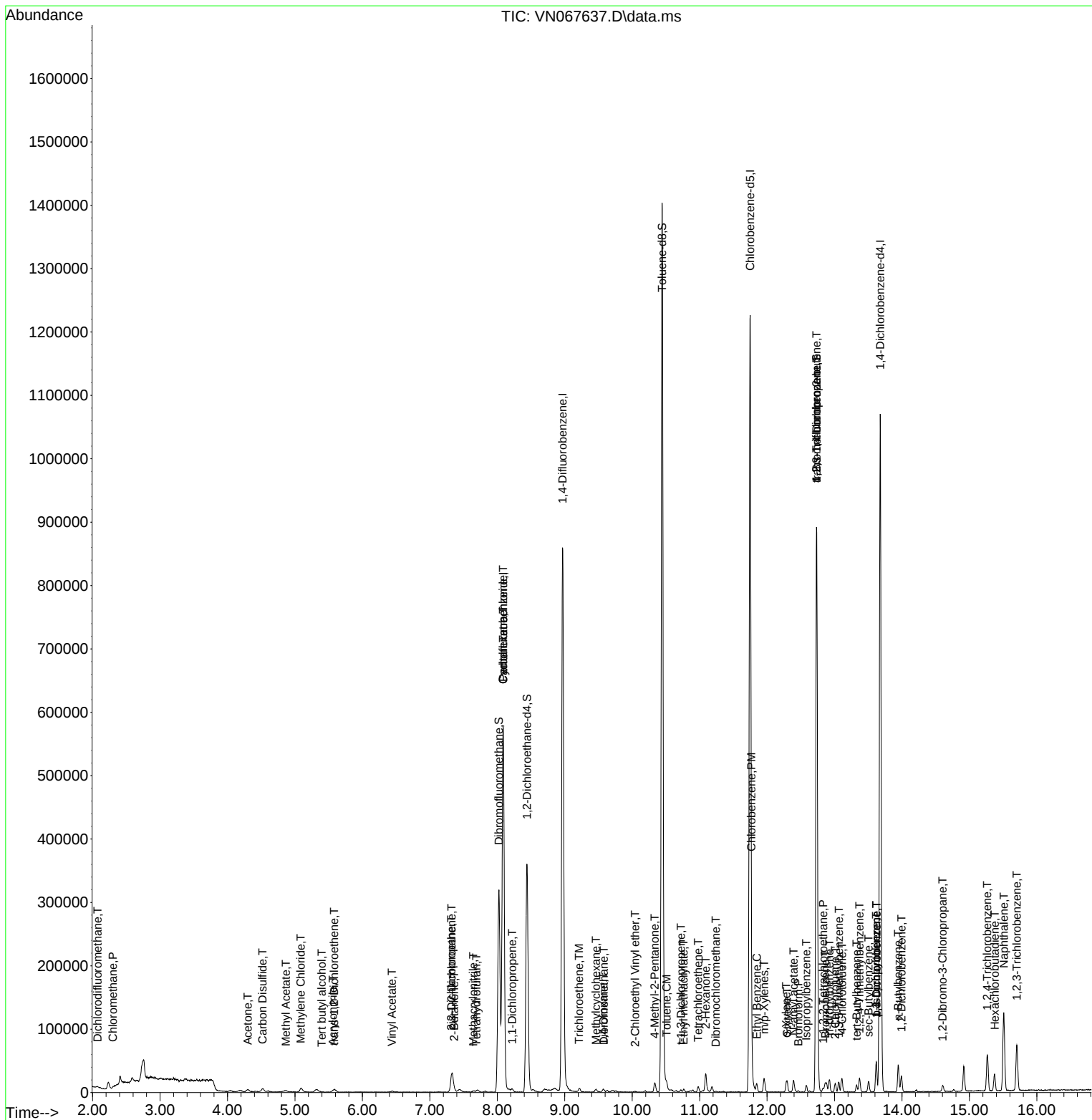
Quant Time: Jul 08 05:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

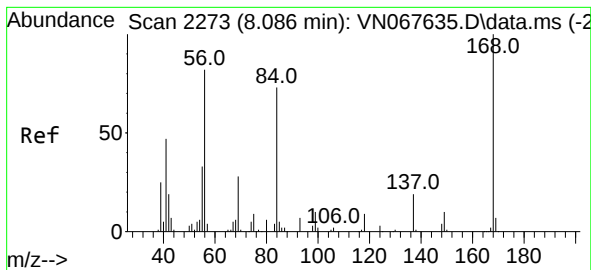
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

68) m/p-Xylenes	11.958	106	7004	0.689	ug/l	88
69) o-Xylene	12.283	106	2283	0.229	ug/l	97
70) Styrene	12.299	104	7200	0.451	ug/l #	83
71) Bromoform	12.465	173	747	3.328	ug/l #	29
73) Isopropylbenzene	12.581	105	7725	0.351	ug/l	96
74) N-amyl acetate	12.393	43	11541	1.444	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.833	83	3250	0.508	ug/l #	27
76) 1,2,3-Trichloropropane	12.733	75	178883	32.078	ug/l #	100
77) Bromobenzene	12.862	156	3366	0.690	ug/l	79
78) n-propylbenzene	12.924	91	16370	0.657	ug/l	99
79) 2-Chlorotoluene	13.010	91	8579	0.570	ug/l	99
80) 1,3,5-Trimethylbenzene	13.066	105	8242	0.462	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.733	75	178883	103.422	ug/l #	6
82) 4-Chlorotoluene	13.112	91	13728	0.922	ug/l	99
83) tert-Butylbenzene	13.329	119	5965	0.392	ug/l	86
84) 1,2,4-Trimethylbenzene	13.372	105	12475	0.713	ug/l	98
85) sec-Butylbenzene	13.506	105	13189	0.626	ug/l	97
86) p-Isopropyltoluene	13.618	119	13672	0.804	ug/l	92
87) 1,3-Dichlorobenzene	13.621	146	10228	1.131	ug/l	95
88) 1,4-Dichlorobenzene	13.621	146	10228	1.104	ug/l	96
89) n-Butylbenzene	13.943	91	24496	1.680	ug/l	98
91) 1,2-Dichlorobenzene	13.994	146	9827	1.125	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	2539	2.286	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	18189	6.459	ug/l	98
94) Hexachlorobutadiene	15.375	225	4815	2.624	ug/l	98
95) Naphthalene	15.509	128	111795	10.870	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	22464	7.513	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VN067637.D

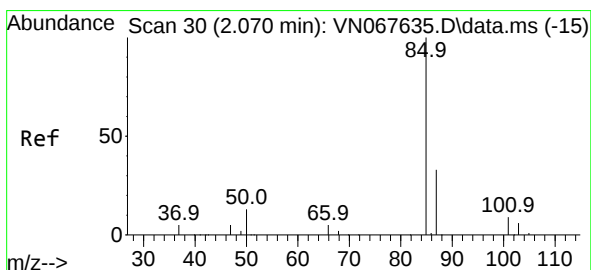
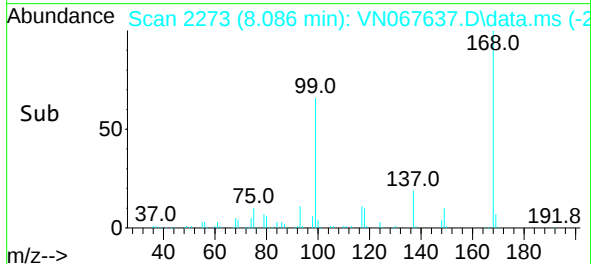
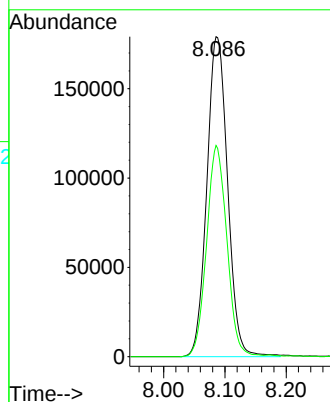
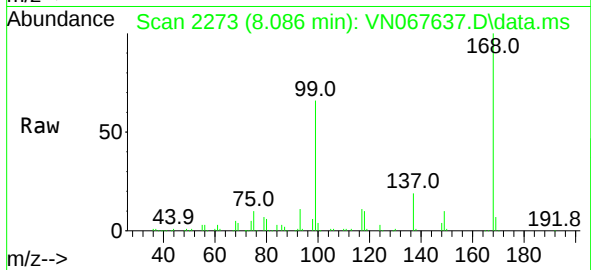
Acq: 7 Jul 2021 16:10

Tgt Ion:168 Resp: 421290

Ion Ratio Lower Upper

168 100

99 66.0 62.9 94.3



#2

Dichlorodifluoromethane

Concen: 0.341 ug/l

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

Lab File: VN067637.D

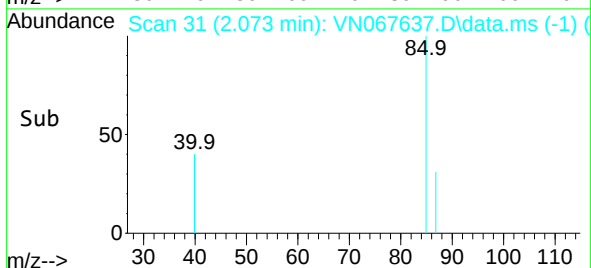
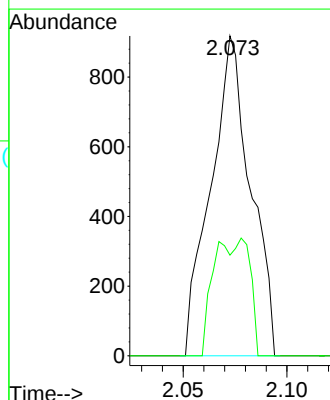
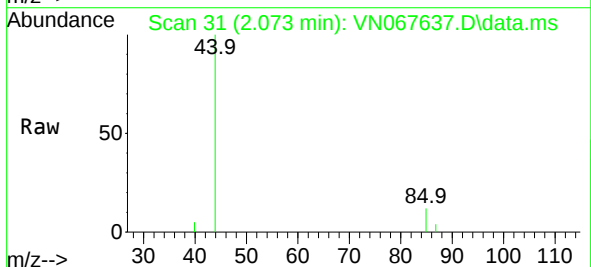
Acq: 7 Jul 2021 16:10

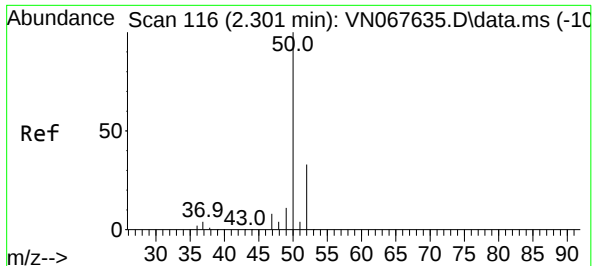
Tgt Ion: 85 Resp: 1222

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.2





#3

Chloromethane

Concen: 0.275 ug/l

RT: 2.301 min Scan# 116

Delta R.T. -0.000 min

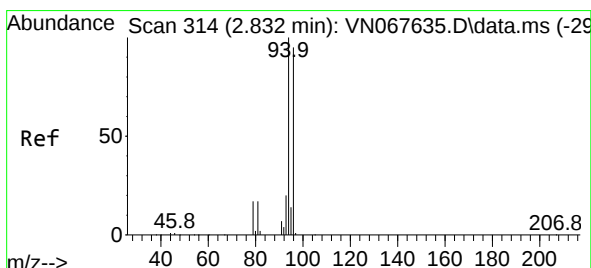
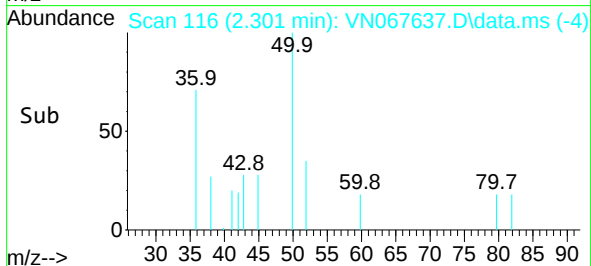
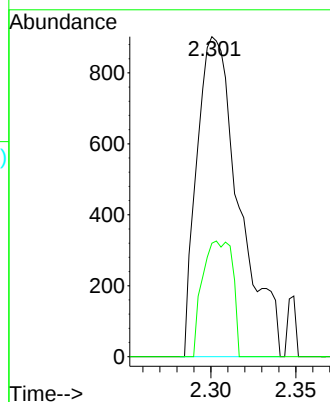
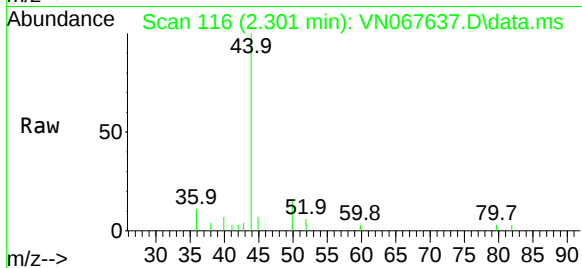
Lab File: VN067637.D

Acq: 7 Jul 2021 16:10

Tgt Ion: 50 Resp: 1560

Ion	Ratio	Lower	Upper
50	100		
52	35.5	25.6	38.4

Instrument :
MSVOA_N
ClientSampled :



#5

Bromomethane

Concen: Below Cal

RT: 2.805 min Scan# 304

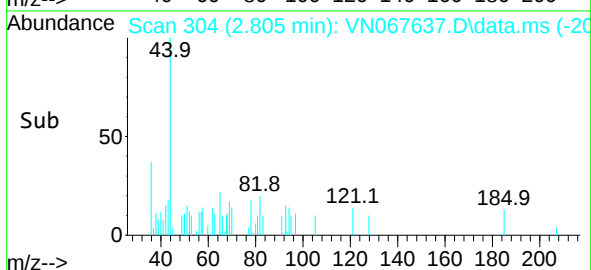
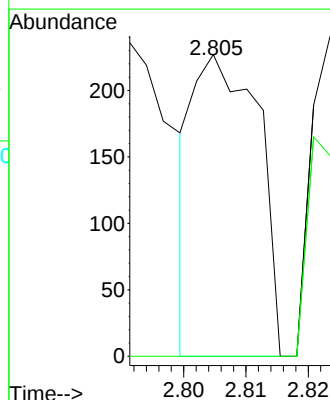
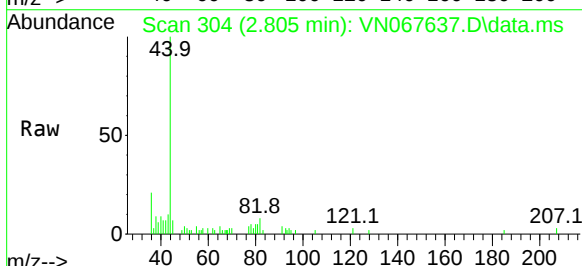
Delta R.T. -0.027 min

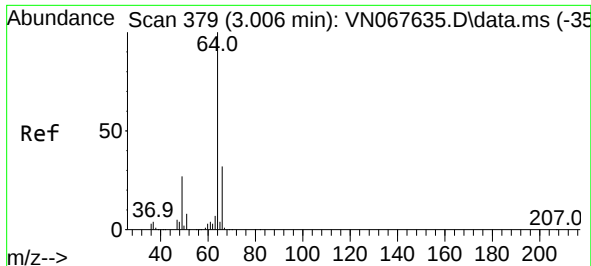
Lab File: VN067637.D

Acq: 7 Jul 2021 16:10

Tgt Ion: 94 Resp: 164

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.7	110.5

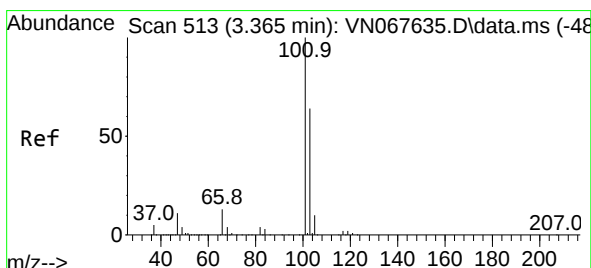
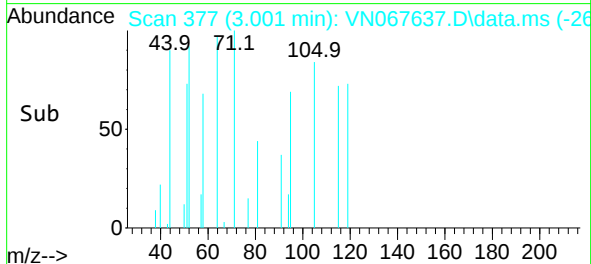
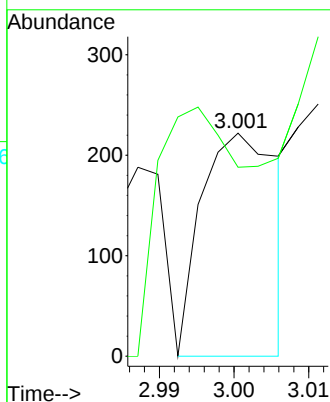
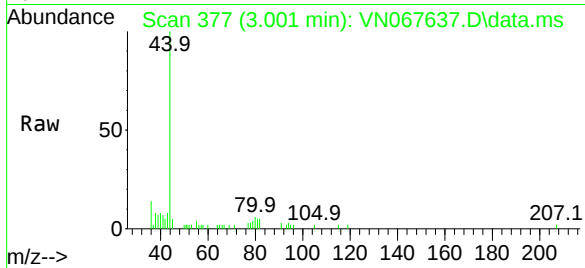




#6
Chloroethane
Concen: Below Cal
RT: 3.001 min Scan# 377
Delta R.T. -0.005 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

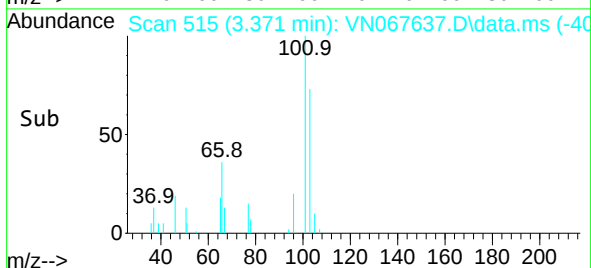
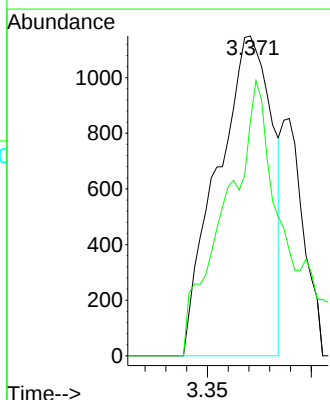
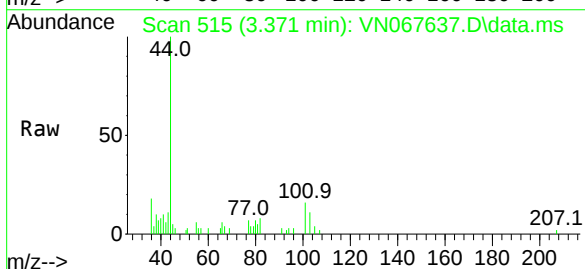
Instrument :
MSVOA_N
ClientSampled :

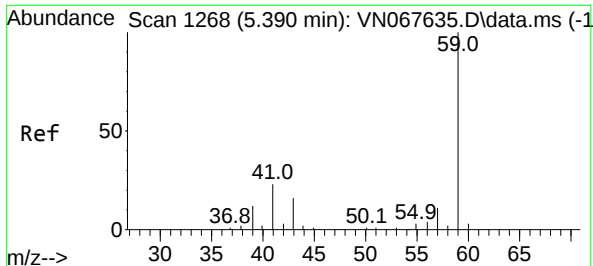
Tgt Ion: 64 Resp: 157
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.371 min Scan# 515
Delta R.T. 0.006 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 101 Resp: 2109
Ion Ratio Lower Upper
101 100
103 73.2 51.2 76.8



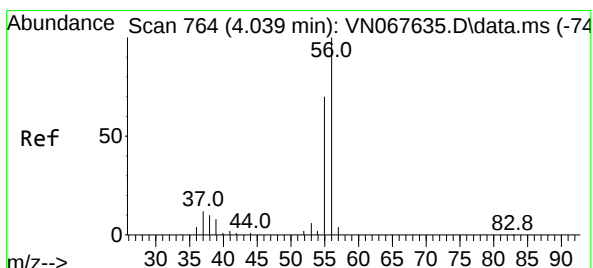
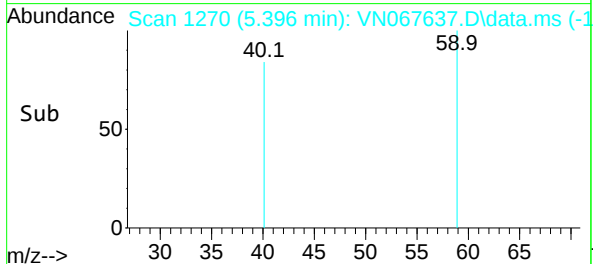
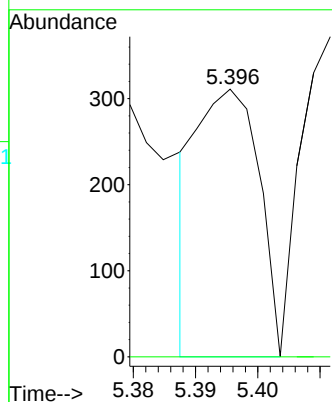
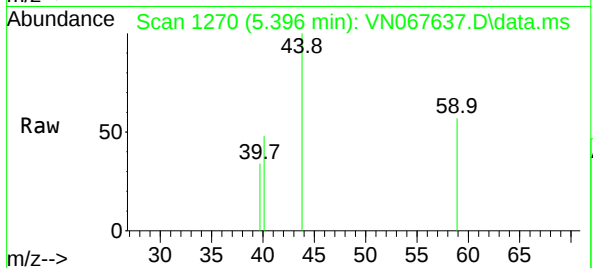


#11

Tert butyl alcohol
Concen: 0.237 ug/l
RT: 5.396 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Instrument :
MSVOA_N
ClientSampled :

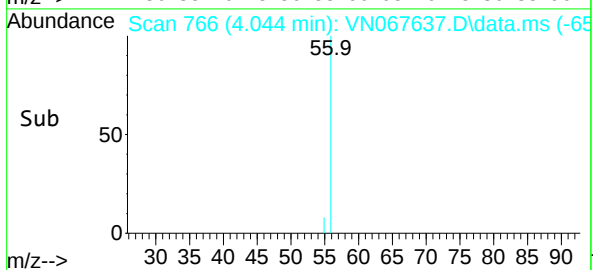
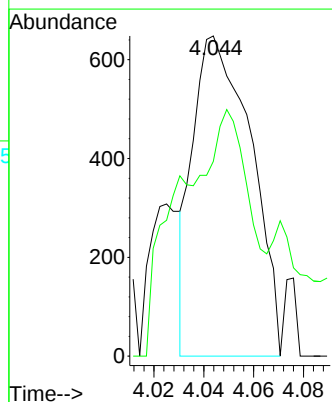
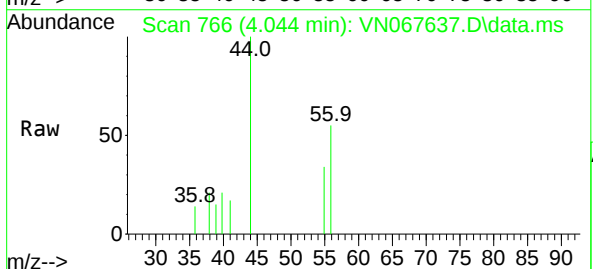
Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

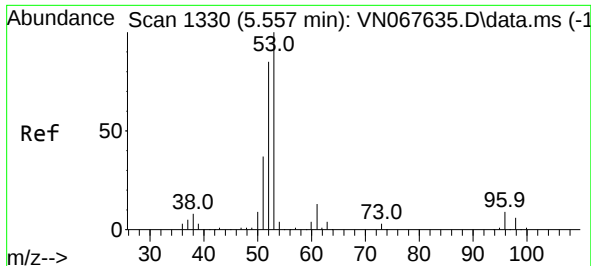


#13

Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 56 Resp: 1049
Ion Ratio Lower Upper
56 100
55 94.6 57.4 86.0#

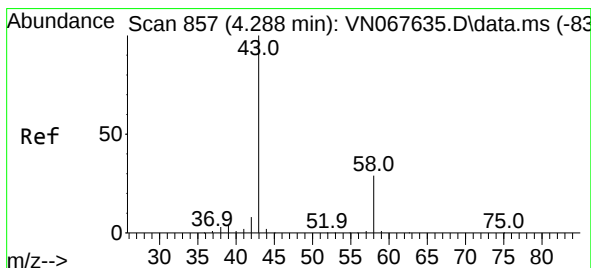
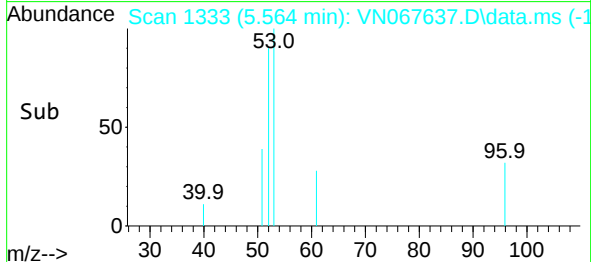
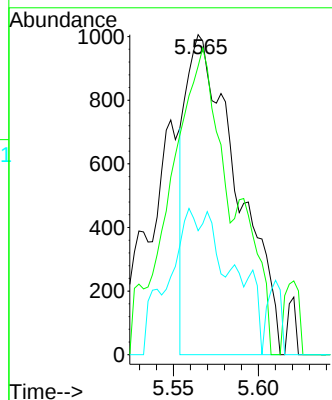
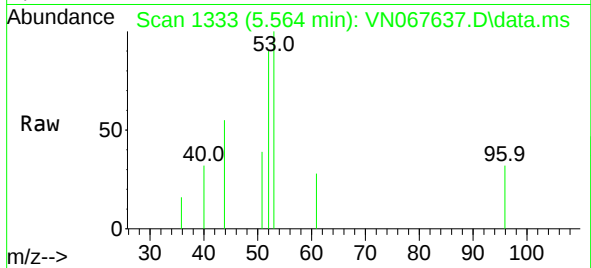




#15
Acrylonitrile
Concen: 0.932 ug/l
RT: 5.564 min Scan# 1333
Delta R.T. 0.007 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

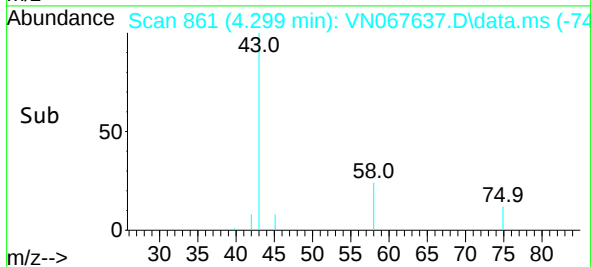
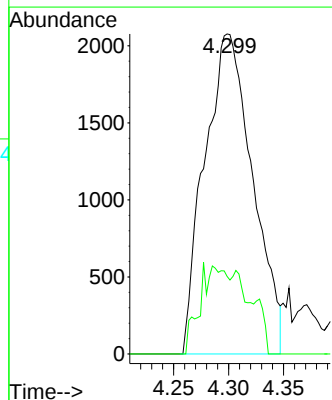
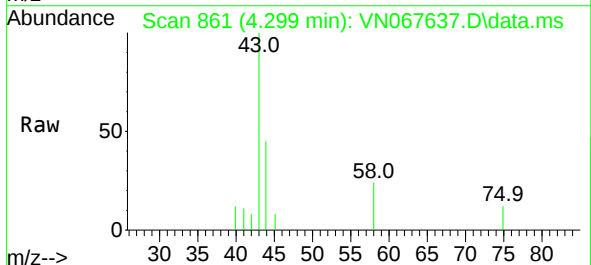
Instrument :
MSVOA_N
ClientSampleId :

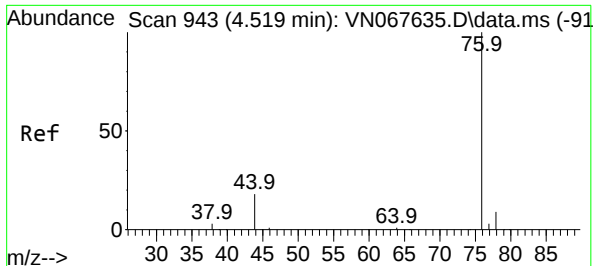
Tgt Ion: 53 Resp: 2115
Ion Ratio Lower Upper
53 100
52 94.4 66.2 99.2
51 26.9 30.2 45.4#



#16
Acetone
Concen: 3.155 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 43 Resp: 6320
Ion Ratio Lower Upper
43 100
58 24.3 21.2 31.8

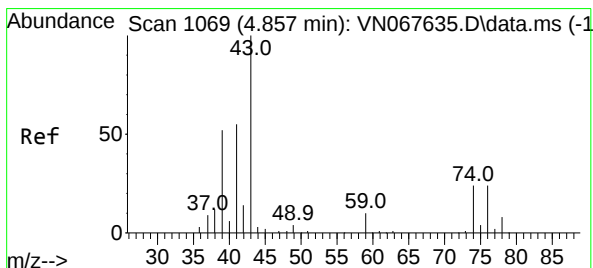
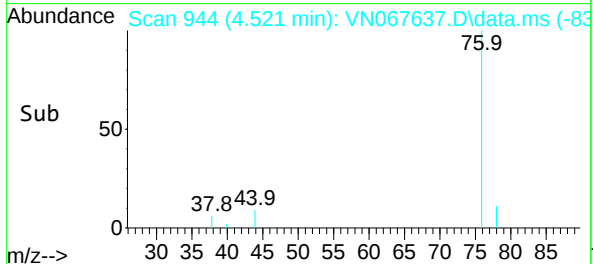
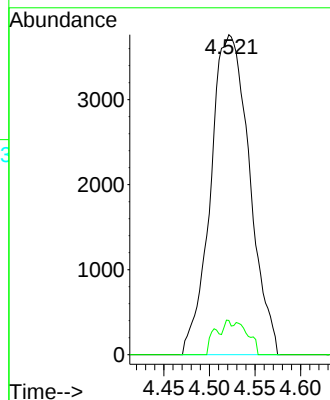
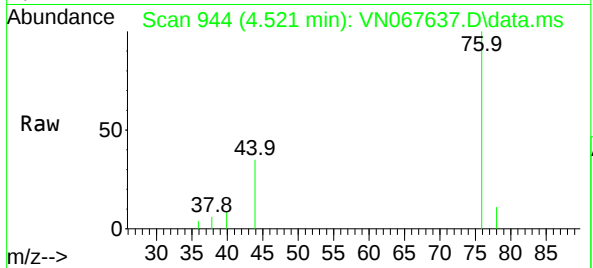




#17
Carbon Disulfide
Concen: 1.075 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.002 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

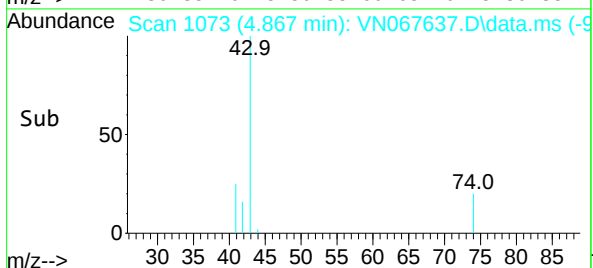
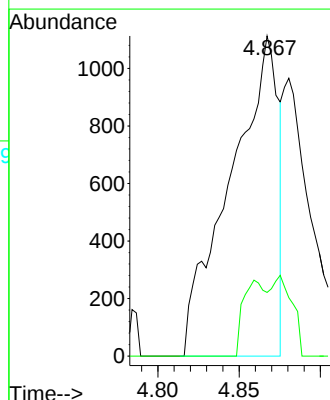
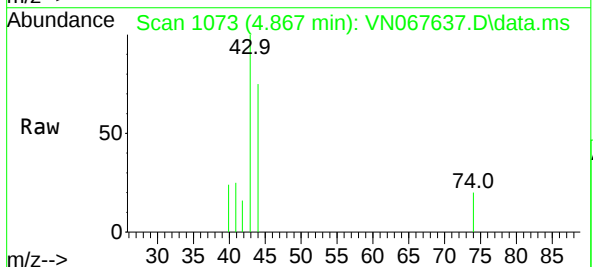
Instrument :
MSVOA_N
ClientSampled :

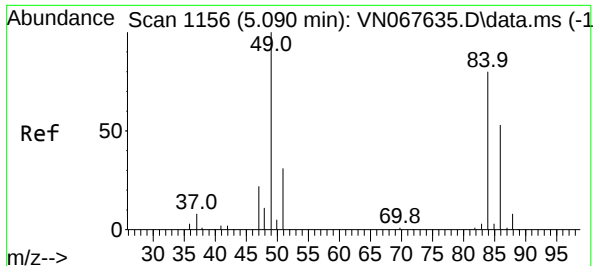
Tgt Ion: 76 Resp: 11152
Ion Ratio Lower Upper
76 100
78 10.7 7.7 11.5



#18
Methyl Acetate
Concen: 0.405 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 43 Resp: 2277
Ion Ratio Lower Upper
43 100
74 11.3 17.4 26.0#





#20

Methylene Chloride

Concen: 0.208 ug/l

RT: 5.087 min Scan# 1155

Delta R.T. -0.003 min

Lab File: VN067637.D

Acq: 7 Jul 2021 16:10

Tgt Ion: 84 Resp: 4214

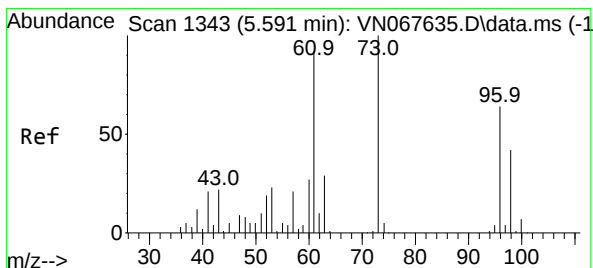
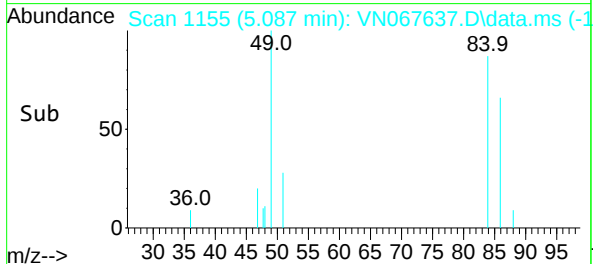
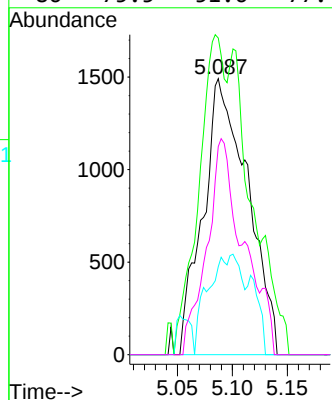
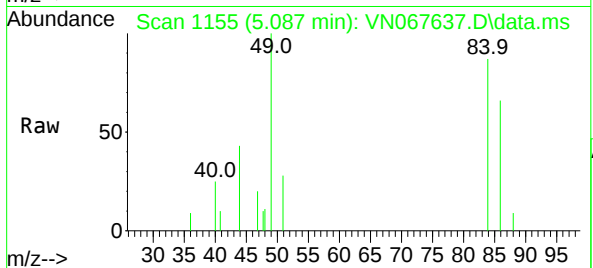
Ion Ratio Lower Upper

84 100

49 100.5 110.9 166.3#

51 31.9 32.6 49.0#

86 75.5 51.6 77.4



#21

trans-1,2-Dichloroethene

Concen: 0.326 ug/l

RT: 5.583 min Scan# 1340

Delta R.T. -0.008 min

Lab File: VN067637.D

Acq: 7 Jul 2021 16:10

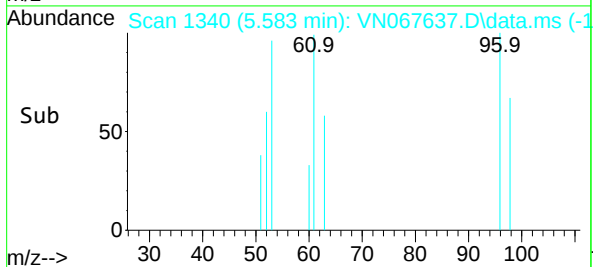
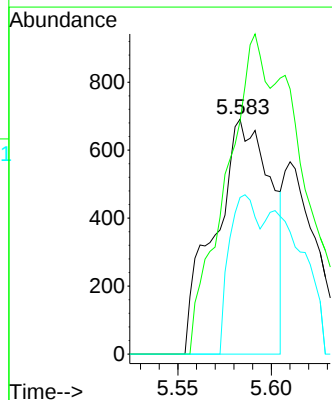
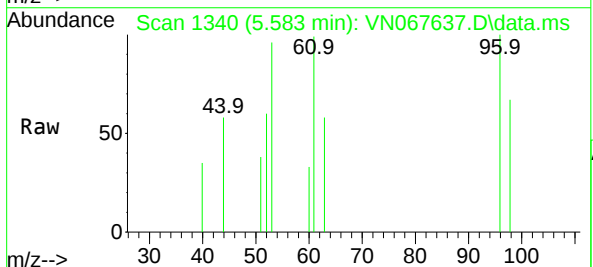
Tgt Ion: 96 Resp: 1444

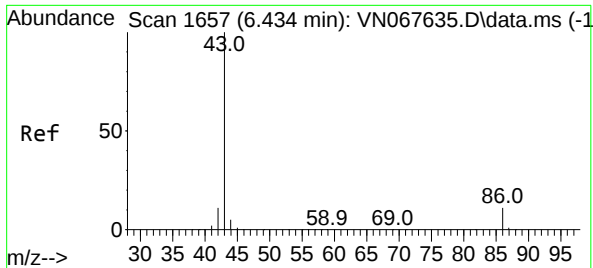
Ion Ratio Lower Upper

96 100

61 99.1 123.5 185.3#

98 66.7 48.6 72.8

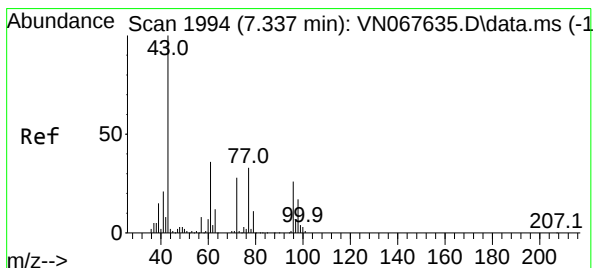
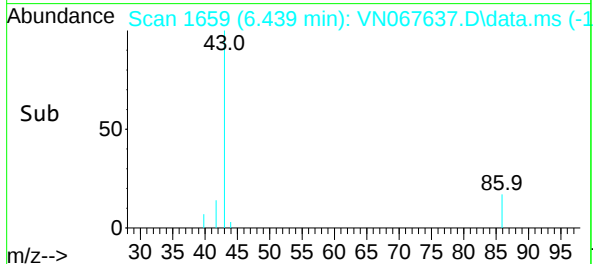
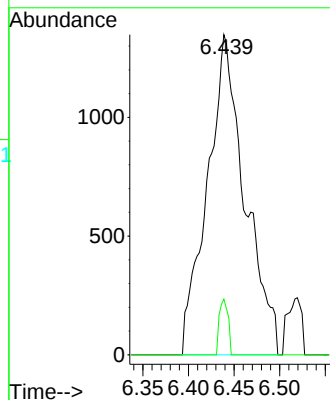
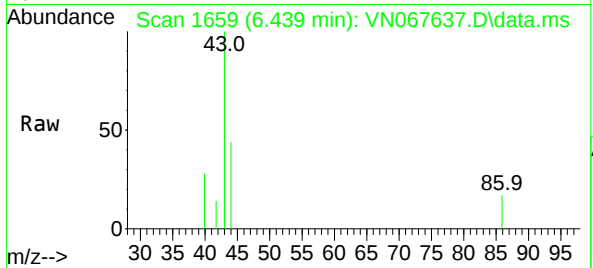




#23
 Vinyl Acetate
 Concen: 0.289 ug/l
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.005 min
 Lab File: VN067637.D
 Acq: 7 Jul 2021 16:10

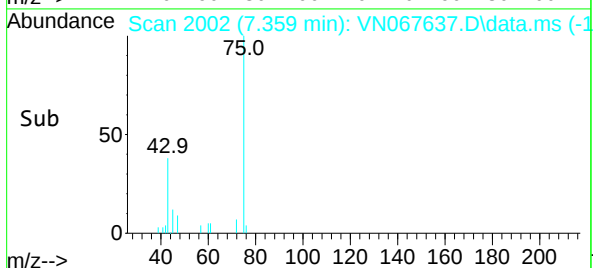
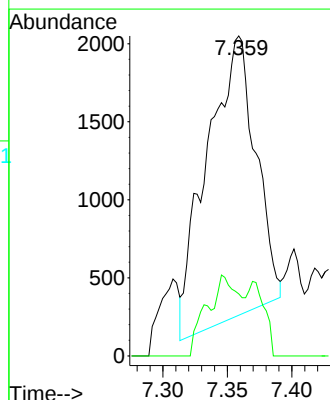
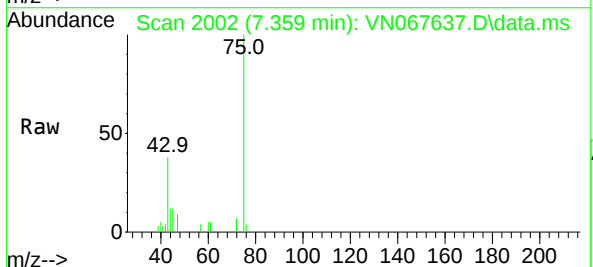
Instrument :
 MSVOA_N
 ClientSampled :

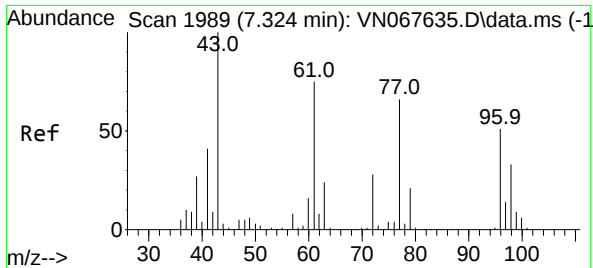
Tgt Ion: 43 Resp: 3861
 Ion Ratio Lower Upper
 43 100
 86 17.4 7.3 10.9#



#25
 2-Butanone
 Concen: 1.424 ug/l
 RT: 7.359 min Scan# 2002
 Delta R.T. 0.022 min
 Lab File: VN067637.D
 Acq: 7 Jul 2021 16:10

Tgt Ion: 43 Resp: 4738
 Ion Ratio Lower Upper
 43 100
 72 23.7 19.7 29.5

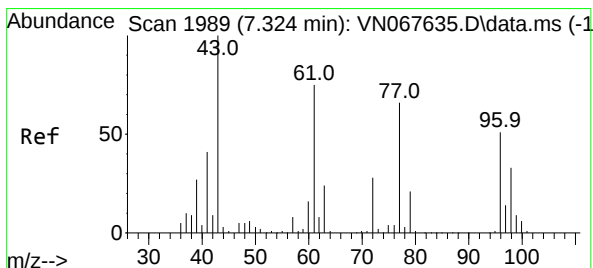
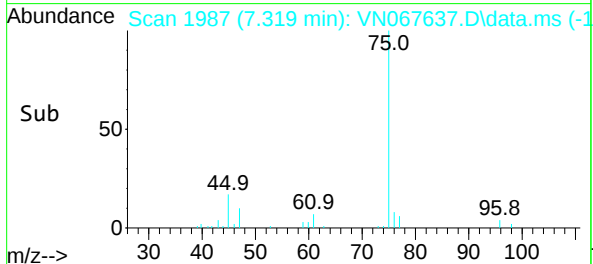
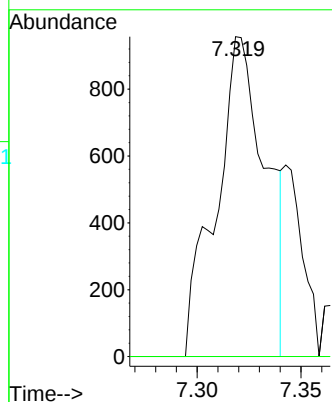
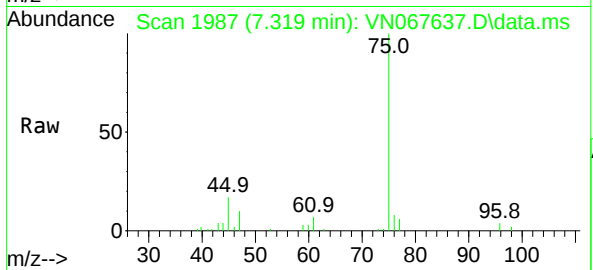




#26
2,2-Dichloropropane
Concen: 0.208 ug/l
RT: 7.319 min Scan# 1987
Delta R.T. -0.005 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

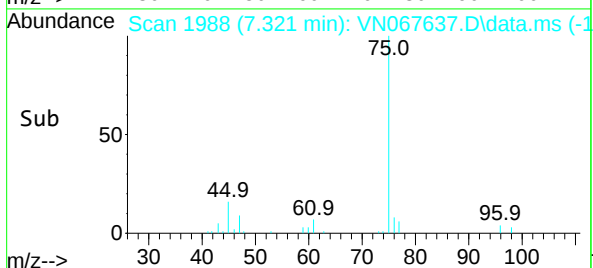
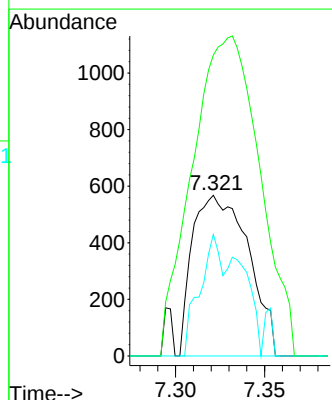
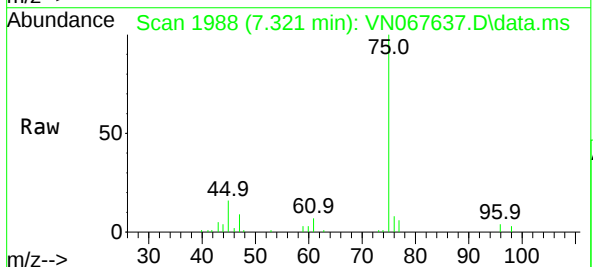
Instrument :
MSVOA_N
ClientSampled :

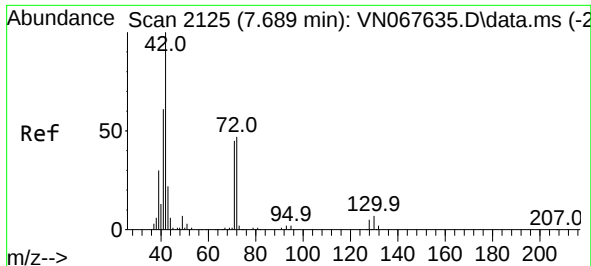
Tgt Ion: 77 Resp: 1586
Ion Ratio Lower Upper
77 100
97 0.0 9.8 29.3#



#27
cis-1,2-Dichloroethene
Concen: 0.224 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 96 Resp: 1241
Ion Ratio Lower Upper
96 100
61 240.0 0.0 338.8
98 29.7 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.431 ug/l

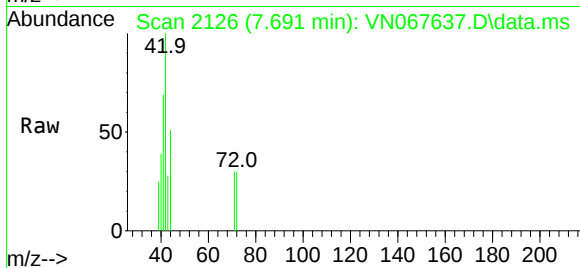
RT: 7.691 min Scan# 2126

Delta R.T. 0.002 min

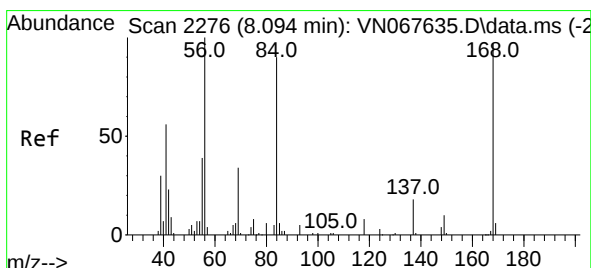
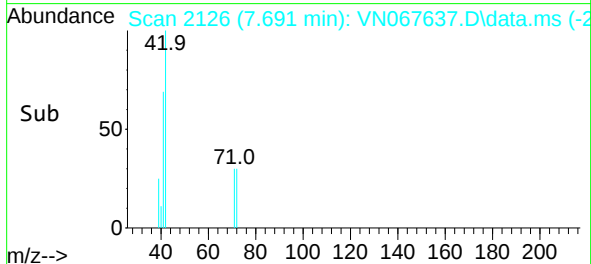
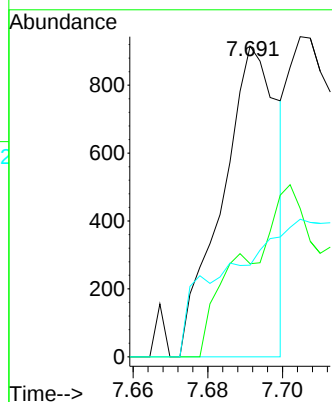
Lab File: VN067637.D

Acq: 7 Jul 2021 16:10

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:	42	Resp:	943
Ion Ratio	Lower	Upper	
42	100		
72	0.0	32.8	49.2#
71	0.0	31.2	46.8#



#31

Cyclohexane

Concen: 1.343 ug/l

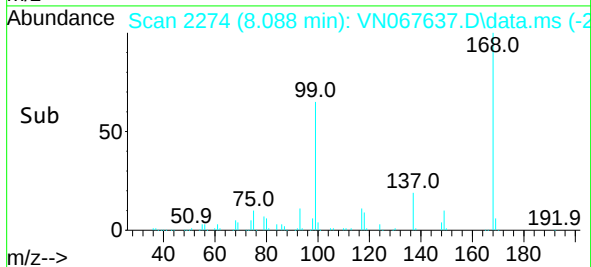
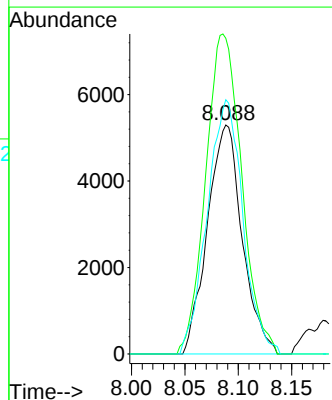
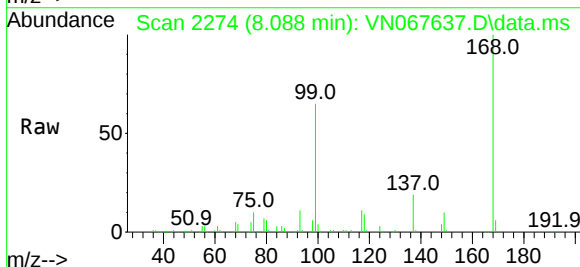
RT: 8.088 min Scan# 2274

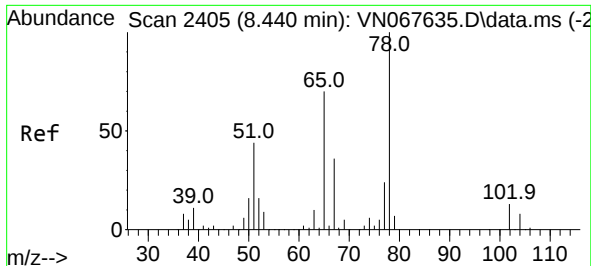
Delta R.T. -0.006 min

Lab File: VN067637.D

Acq: 7 Jul 2021 16:10

Tgt Ion:	56	Resp:	11988
Ion Ratio	Lower	Upper	
56	100		
69	137.9	27.3	40.9#
84	111.0	64.9	97.3#



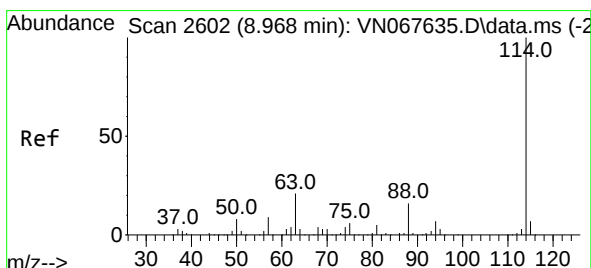
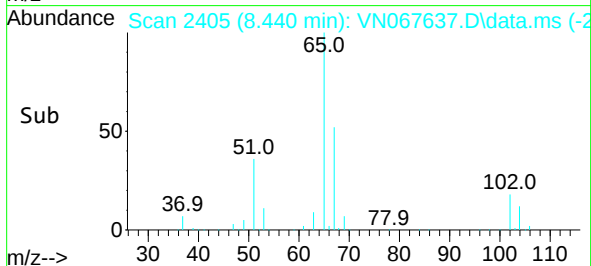
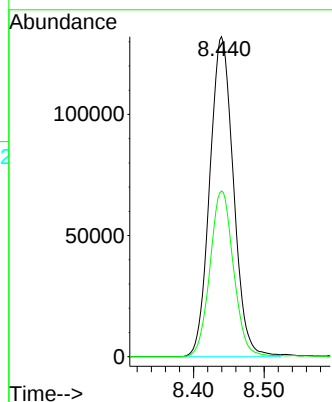
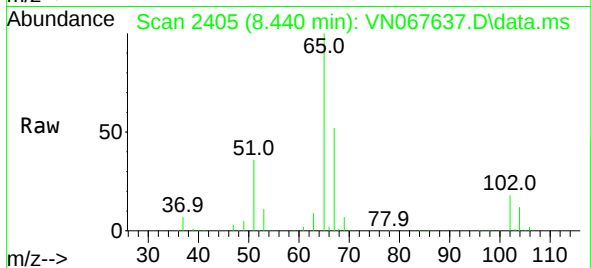


#33

1,2-Dichloroethane-d4
Concen: 48.428 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :

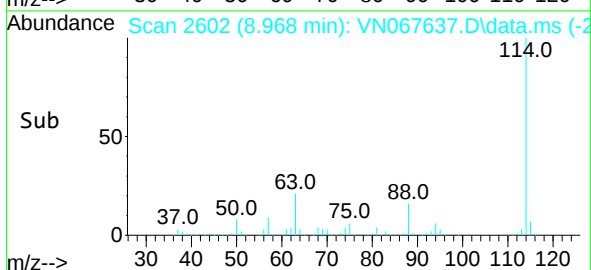
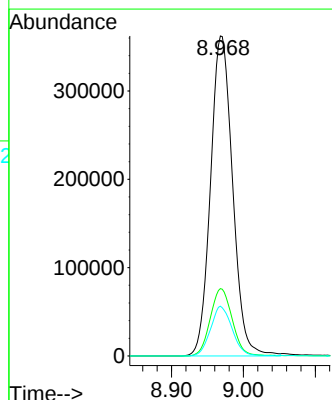
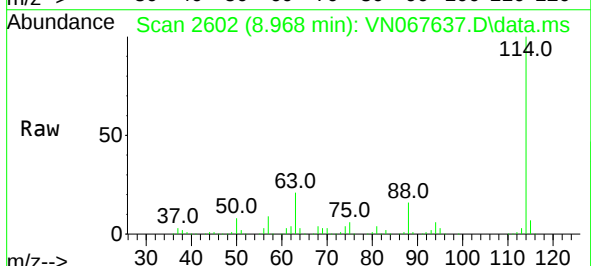
Tgt Ion: 65 Resp: 308342
Ion Ratio Lower Upper
65 100
67 51.5 0.0 98.6

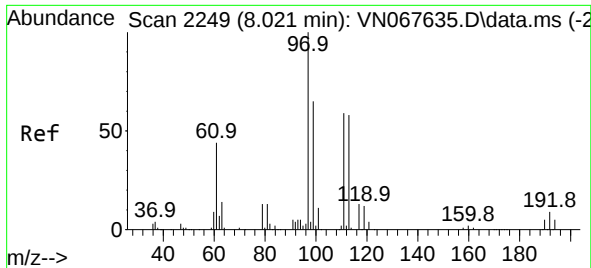


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

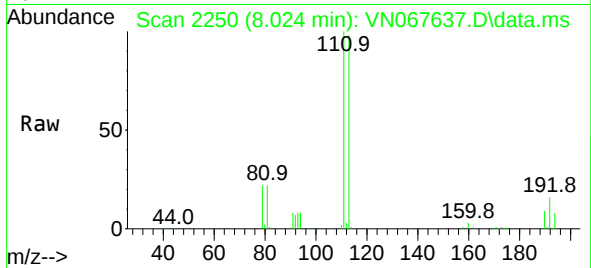
Tgt Ion: 114 Resp: 773087
Ion Ratio Lower Upper
114 100
63 21.0 0.0 49.0
88 15.5 0.0 36.6



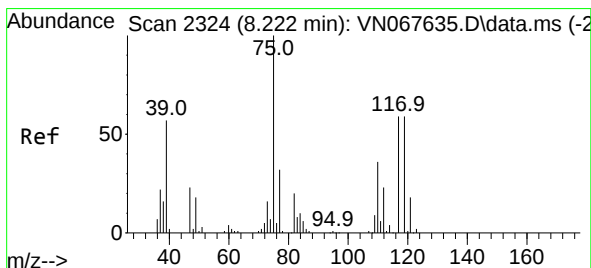
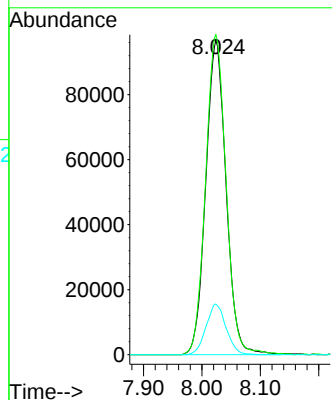
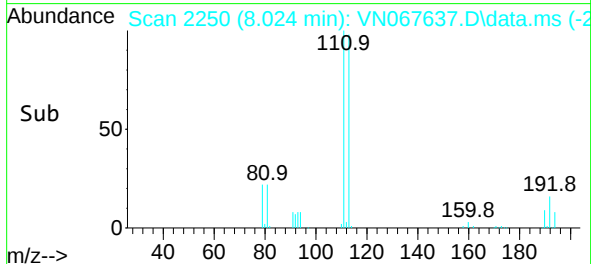


#35
Dibromofluoromethane
Concen: 49.934 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

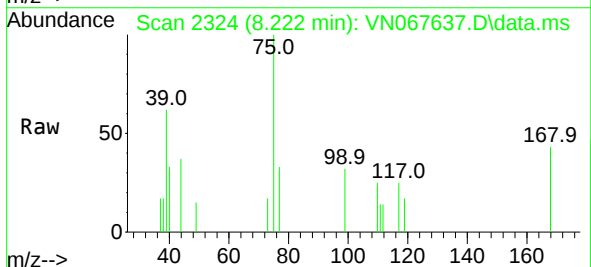
Instrument :
MSVOA_N
ClientSampleId :



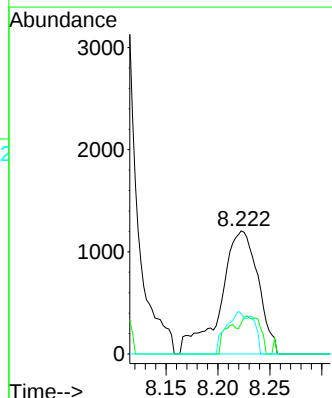
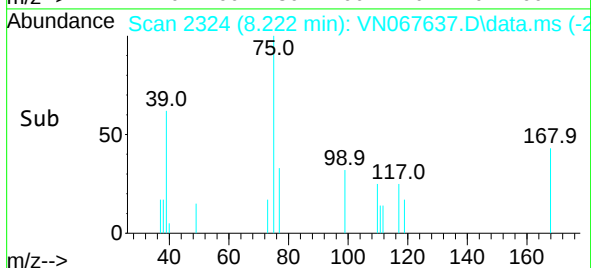
Tgt Ion:113 Resp: 233231
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.8
192 15.9 13.4 20.0

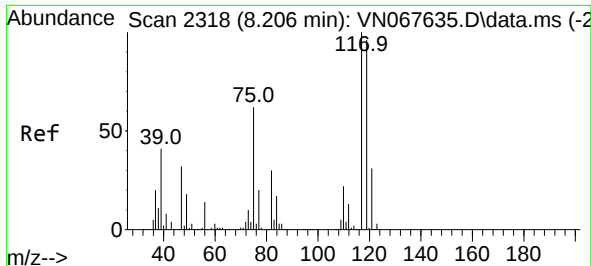


#36
1,1-Dichloropropene
Concen: 0.420 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10



Tgt Ion: 75 Resp: 3017
Ion Ratio Lower Upper
75 100
110 15.2 15.7 47.0#
77 18.4 24.6 37.0#

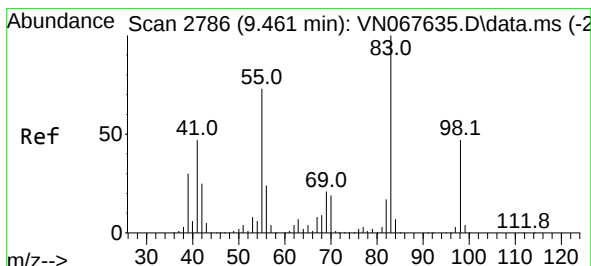
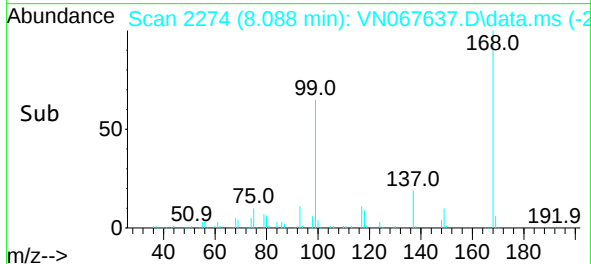
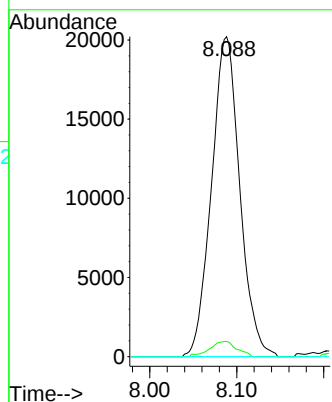
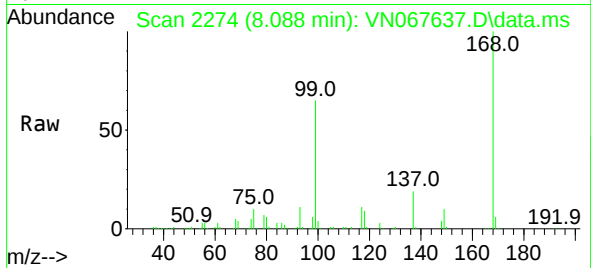




#38
Carbon Tetrachloride
Concen: 6.450 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

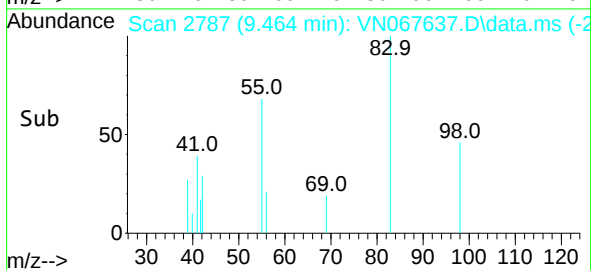
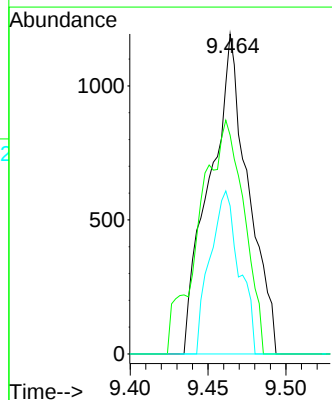
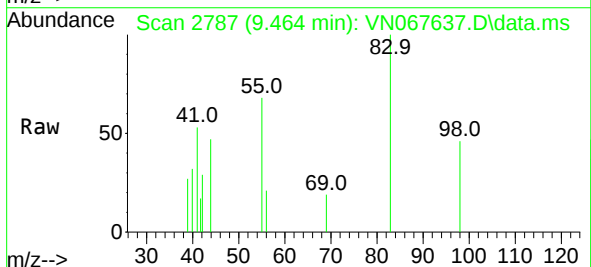
Instrument :
MSVOA_N
ClientSampleId :

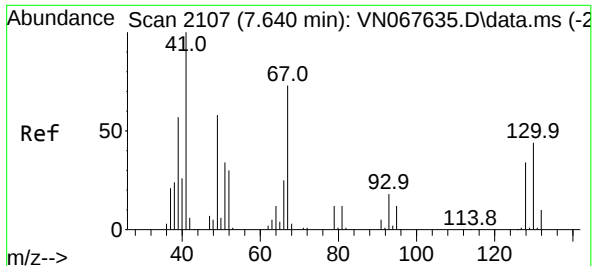
Tgt Ion:117 Resp: 45690
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.2#
121 0.0 23.5 35.3#



#39
Methylcyclohexane
Concen: 0.259 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

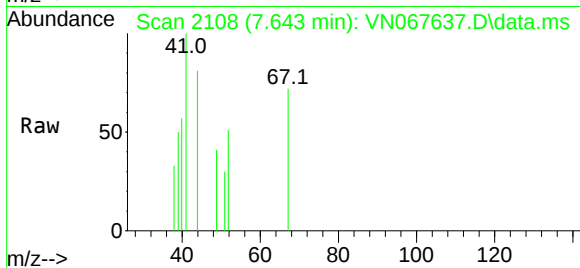
Tgt Ion: 83 Resp: 2038
Ion Ratio Lower Upper
83 100
55 68.3 66.6 99.8
98 46.2 35.3 52.9



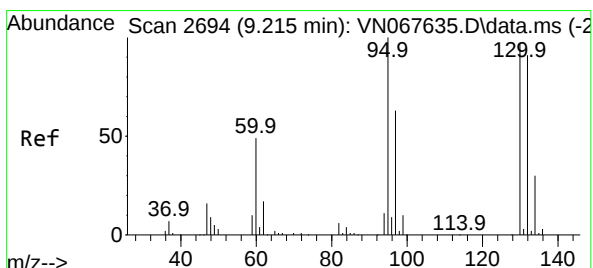
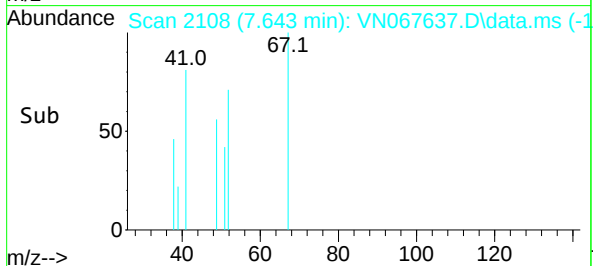
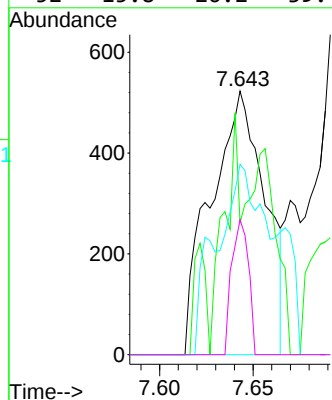


#41
Methacrylonitrile
Concen: 0.295 ug/l
RT: 7.643 min Scan# 2108
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :

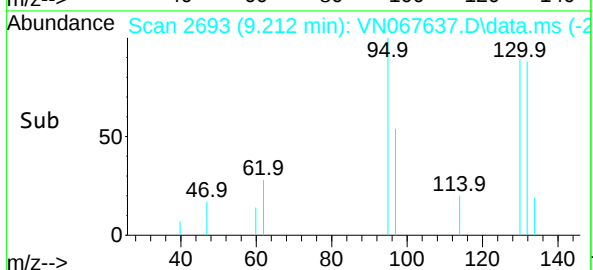
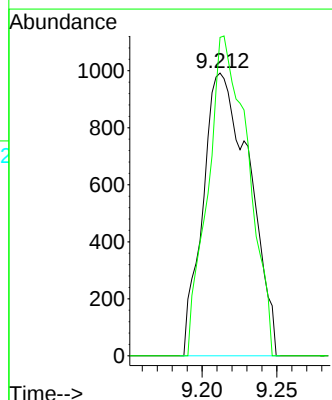
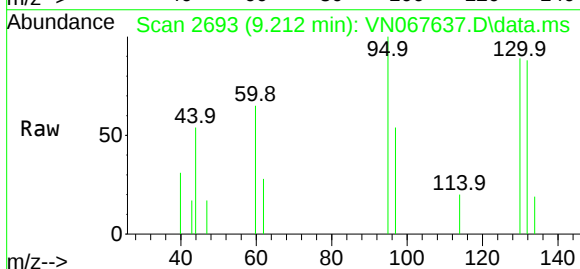


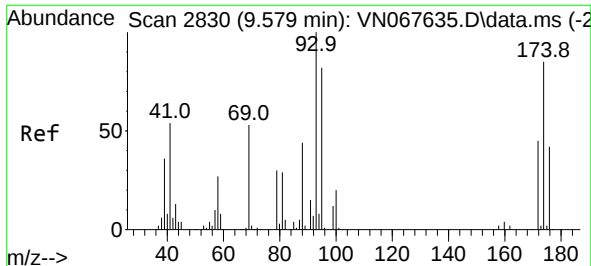
Tgt Ion: 41	Resp: 1055
Ion Ratio	Lower Upper
41 100	
39 30.9	47.6 71.4#
67 24.7	57.7 86.5#
52 15.8	26.2 39.4#



#44
Trichloroethene
Concen: 0.394 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion:130	Resp:	2148	
Ion	Ratio	Lower	Upper
130	100		
95	112.6	0.0	234.4

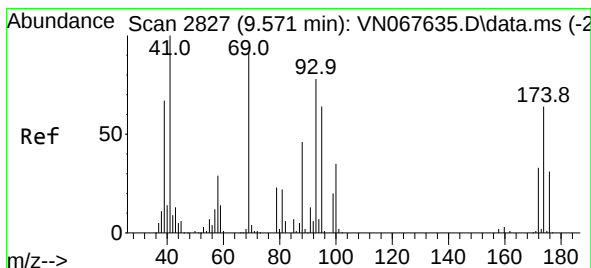
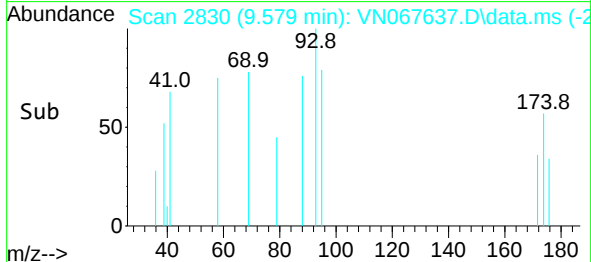
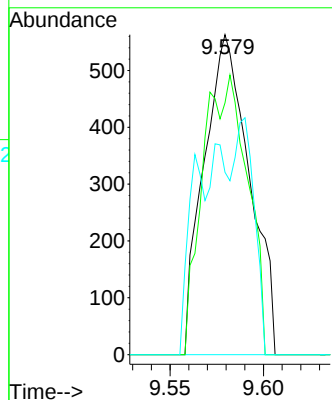
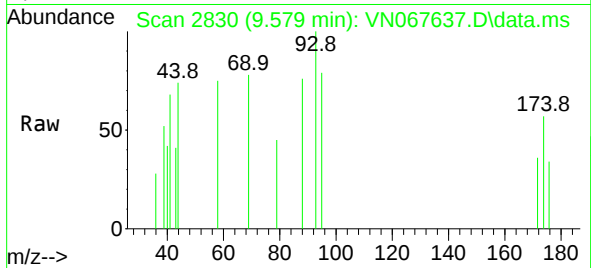




#46
Dibromomethane
Concen: 0.247 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

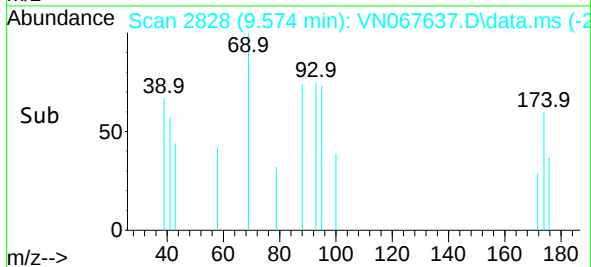
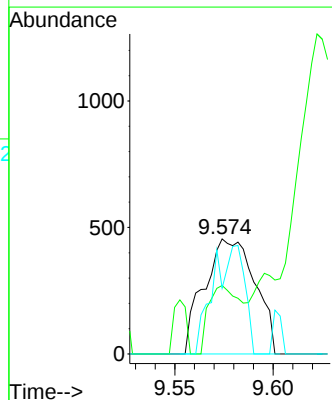
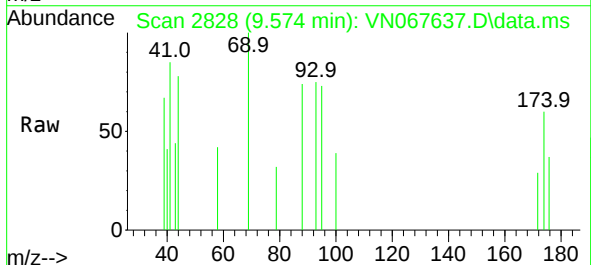
Instrument :
MSVOA_N
ClientSampled :

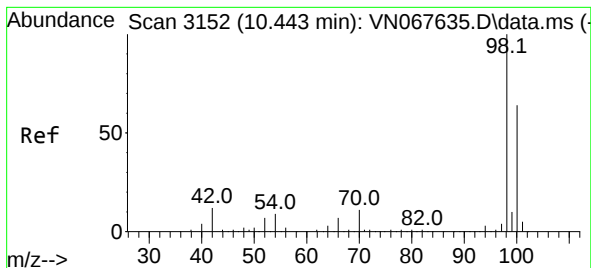
Tgt Ion: 93 Resp: 954
Ion Ratio Lower Upper
93 100
95 38.9 66.1 99.1#
174 28.0 61.0 91.4#



#49
1,4-Dioxane
Concen: 39.475 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 88 Resp: 817
Ion Ratio Lower Upper
88 100
43 36.0 28.8 43.2
58 57.9 60.4 90.6#

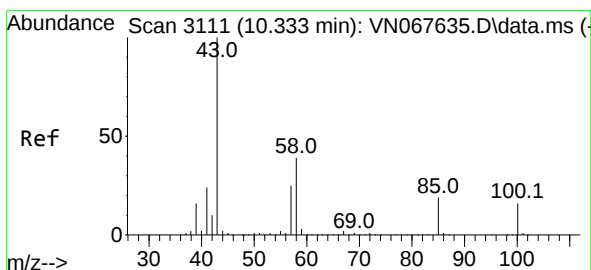
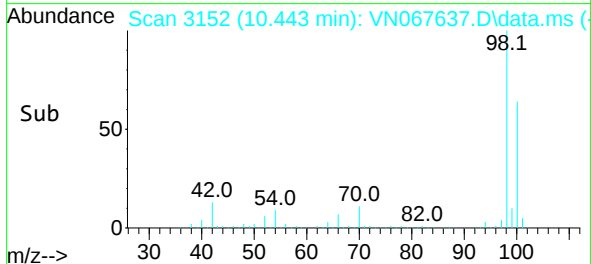
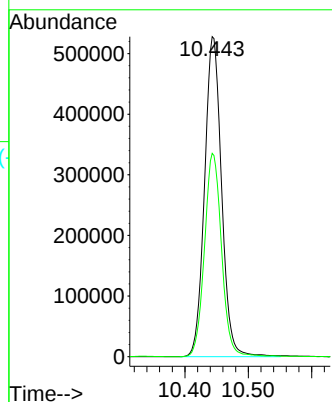
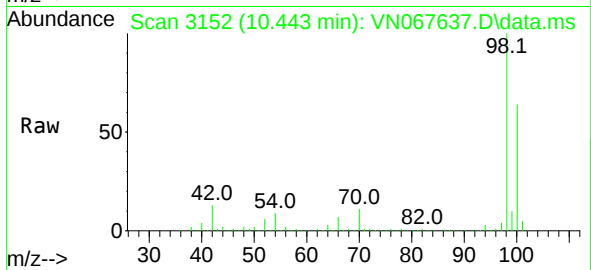




#50
Toluene-d8
Concen: 50.418 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

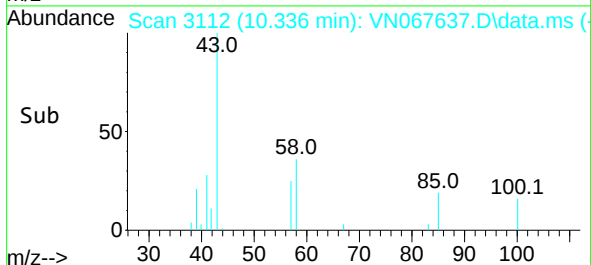
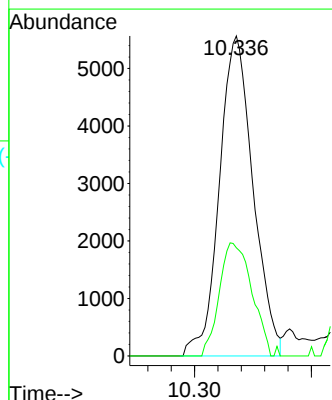
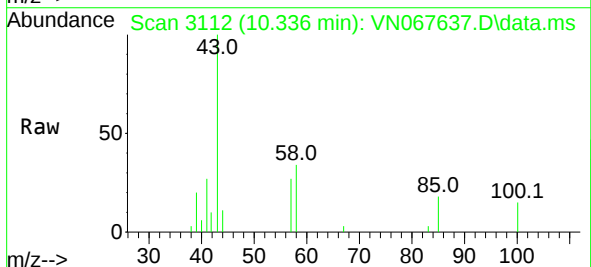
Instrument :
MSVOA_N
ClientSampled :

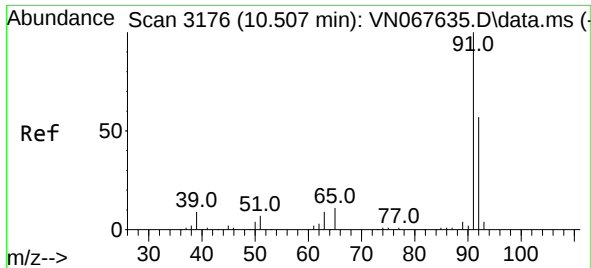
Tgt Ion: 98 Resp: 985709
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.482 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 43 Resp: 11147
Ion Ratio Lower Upper
43 100
58 34.0 28.6 43.0

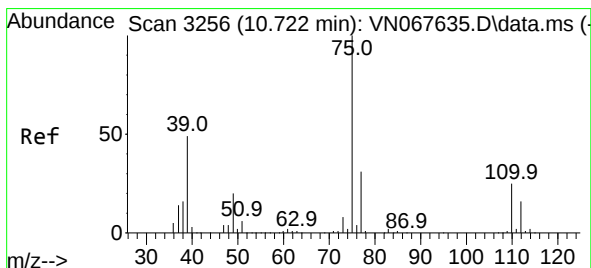
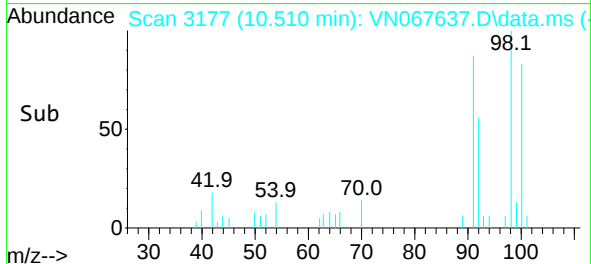
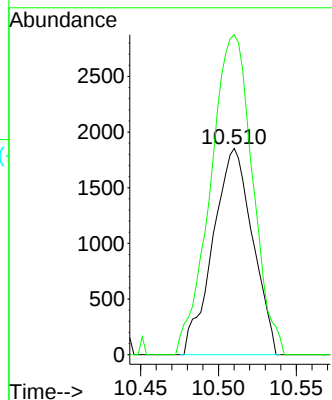
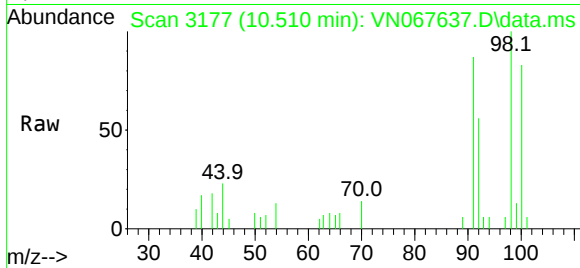




#52
Toluene
Concen: 0.233 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

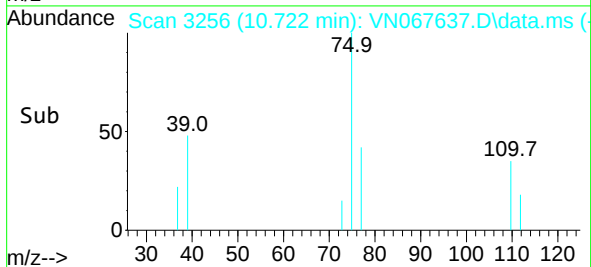
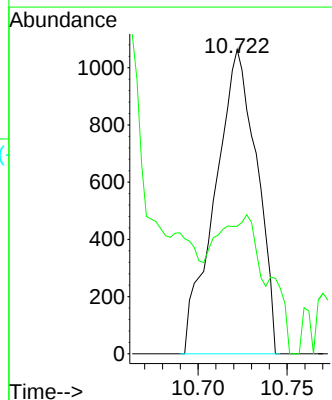
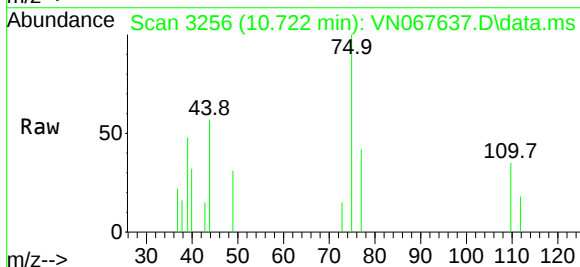
Instrument :
MSVOA_N
ClientSampleId :

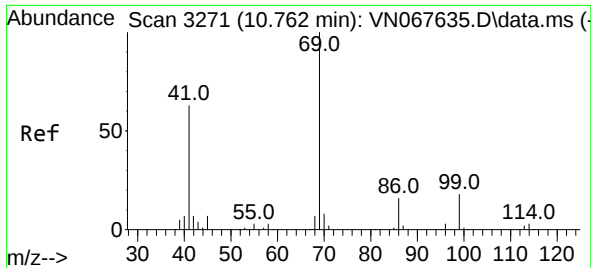
Tgt Ion: 92 Resp: 3280
Ion Ratio Lower Upper
92 100
91 164.9 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 1.931 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. -0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 75 Resp: 1735
Ion Ratio Lower Upper
75 100
77 20.3 25.1 37.7#

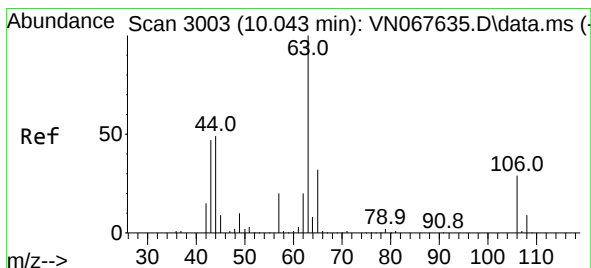
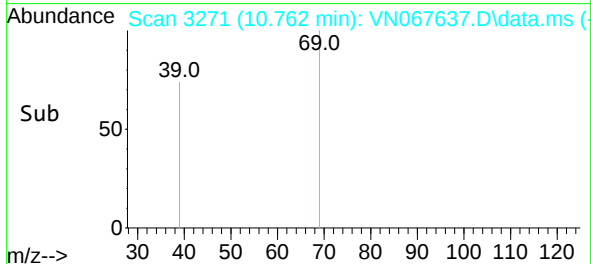
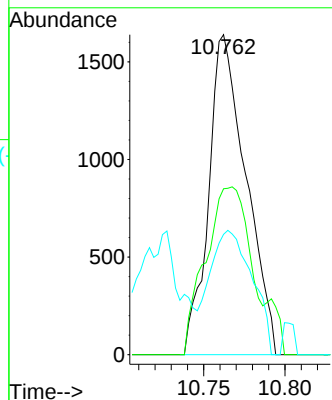
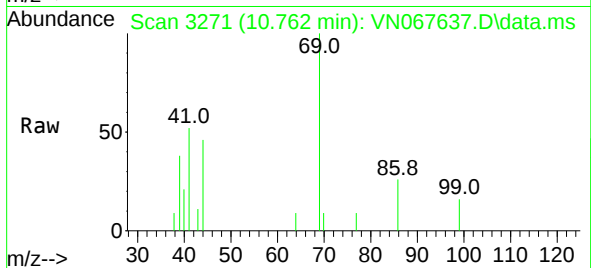




#56
Ethyl methacrylate
Concen: 0.316 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

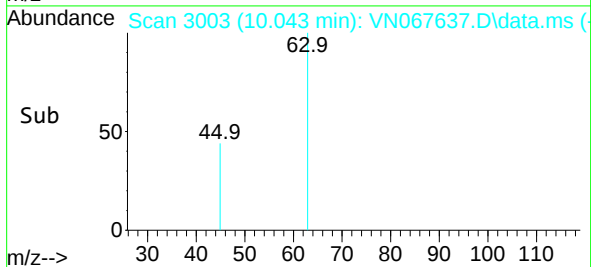
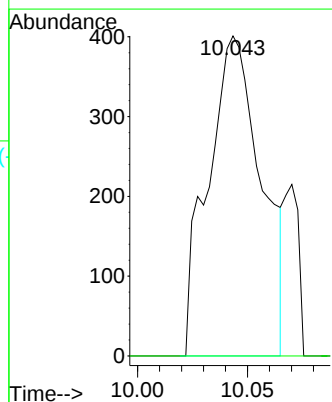
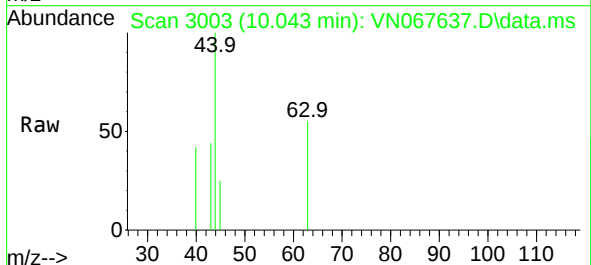
Instrument :
MSVOA_N
ClientSampleId :

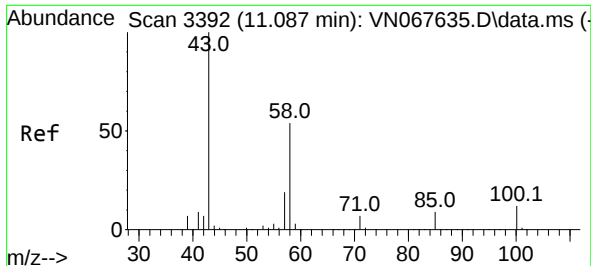
Tgt Ion: 69 Resp: 2624
Ion Ratio Lower Upper
69 100
41 62.2 58.6 88.0
39 44.1 38.3 57.5



#58
2-Chloroethyl Vinyl ether
Concen: 17.297 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 63 Resp: 675
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#

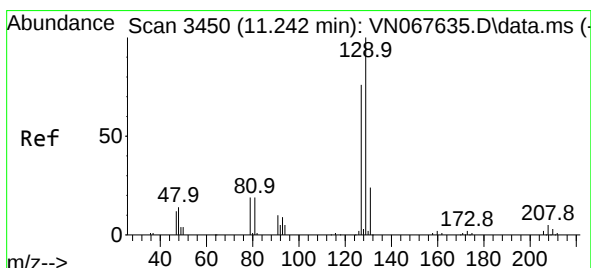
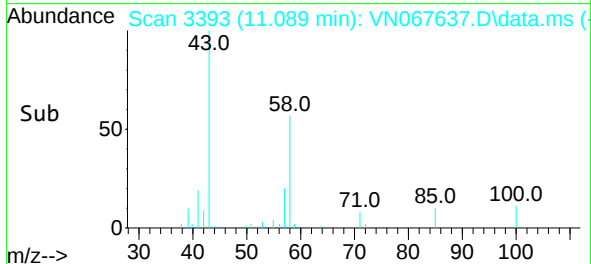
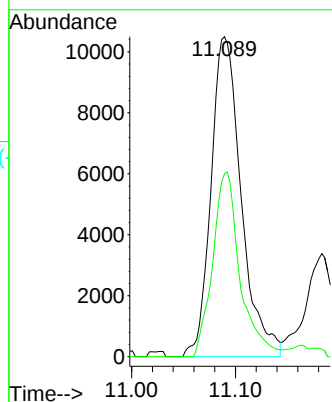
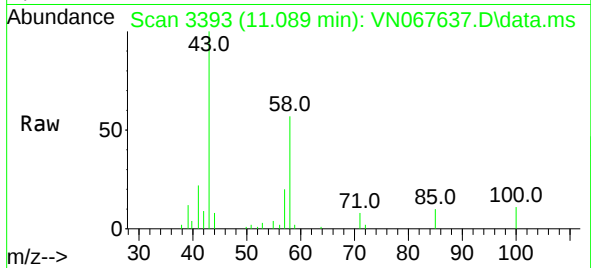




#59
2-Hexanone
Concen: 4.045 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

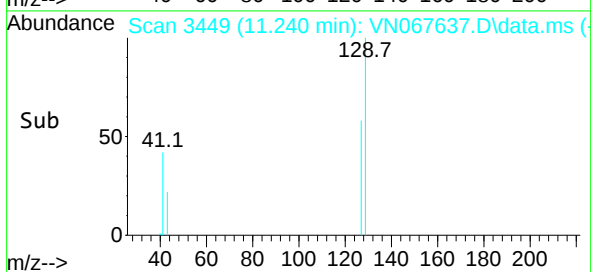
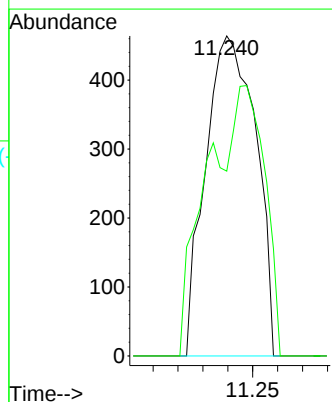
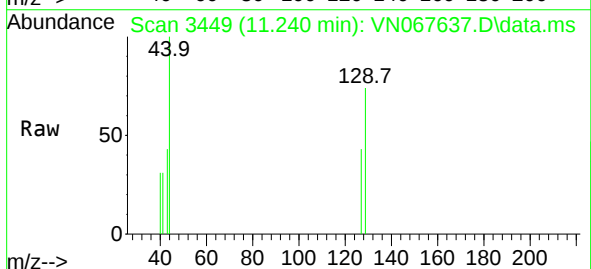
Instrument :
MSVOA_N
ClientSampled :

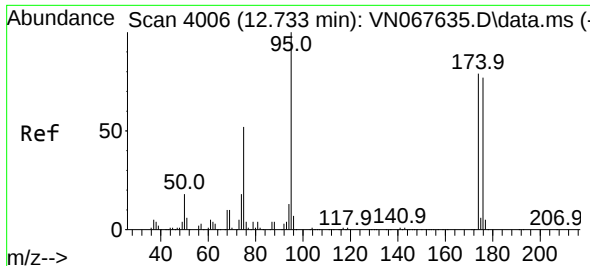
Tgt Ion: 43 Resp: 21228
Ion Ratio Lower Upper
43 100
58 52.2 24.7 74.1



#60
Dibromochloromethane
Concen: 2.450 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.002 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion:129 Resp: 650
Ion Ratio Lower Upper
129 100
127 41.8 38.6 115.8

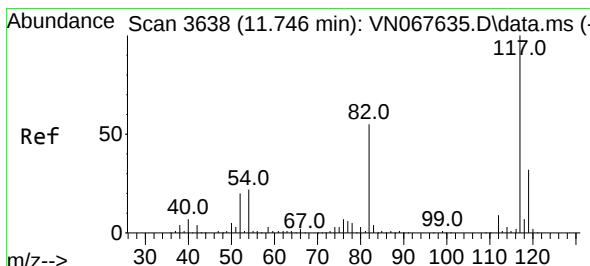
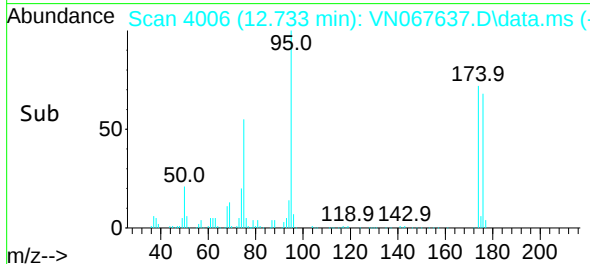
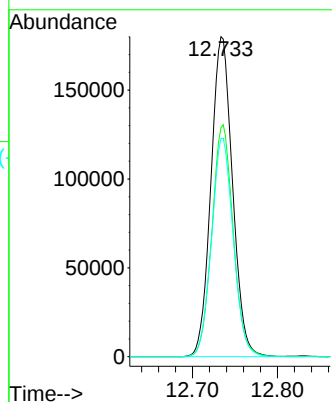
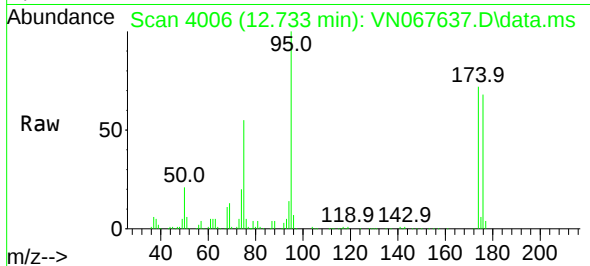




#62
4-Bromofluorobenzene
Concen: 46.012 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

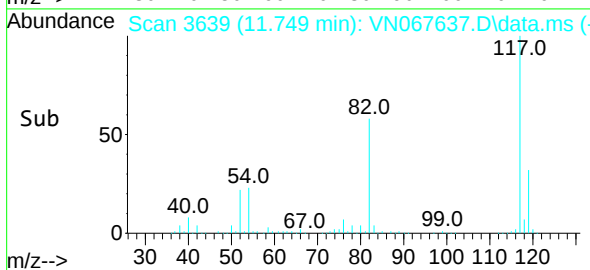
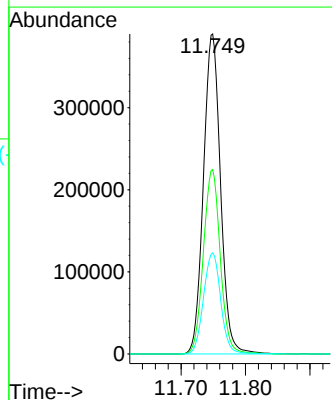
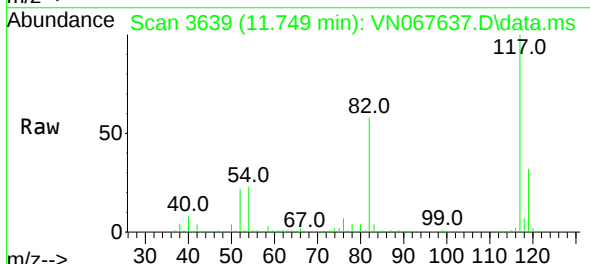
Instrument :
MSVOA_N
ClientSampleId :

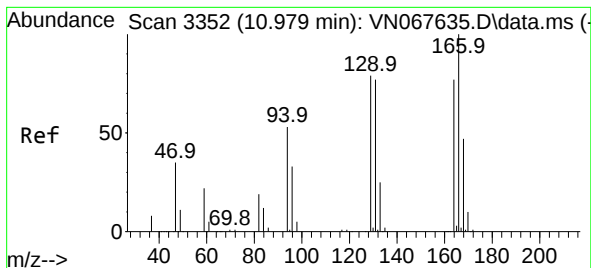
Tgt Ion: 95 Resp: 317776
Ion Ratio Lower Upper
95 100
174 71.5 0.0 122.0
176 68.8 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 117 Resp: 718459
Ion Ratio Lower Upper
117 100
82 57.6 53.1 79.7
119 31.6 25.5 38.3



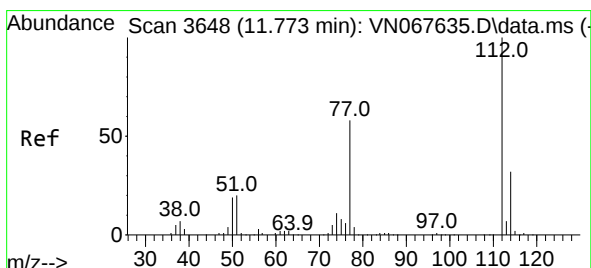
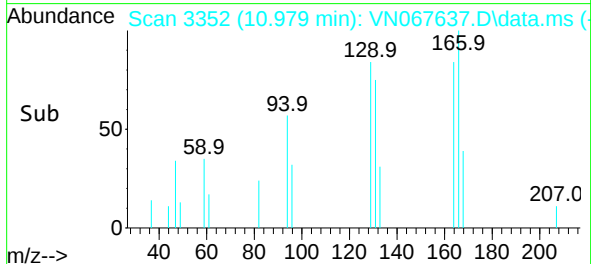
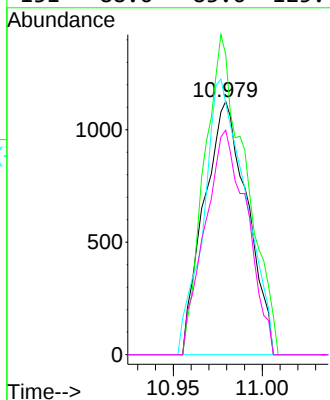
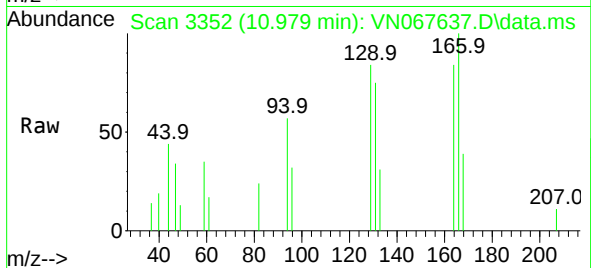


#64
Tetrachloroethene
Concen: 0.374 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:164 Resp: 1895

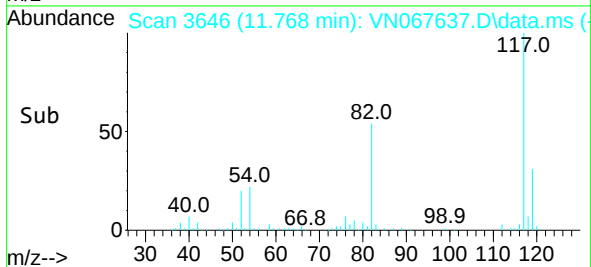
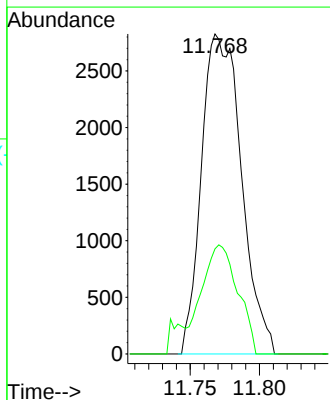
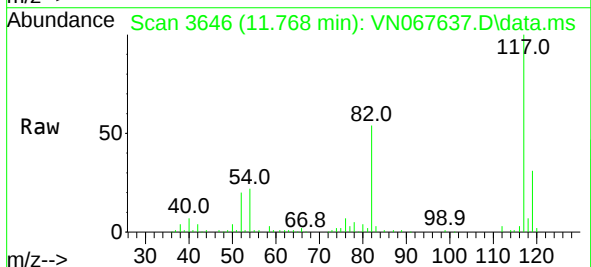
Ion	Ratio	Lower	Upper
164	100		
166	118.6	102.1	153.1
129	99.4	86.9	130.3
131	88.6	83.6	125.4

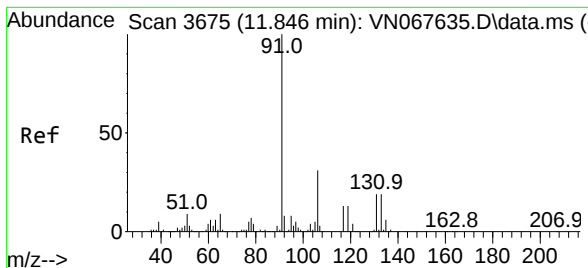


#65
Chlorobenzene
Concen: 0.383 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.005 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion:112 Resp: 5654

Ion	Ratio	Lower	Upper
112	100		
114	32.8	24.6	37.0

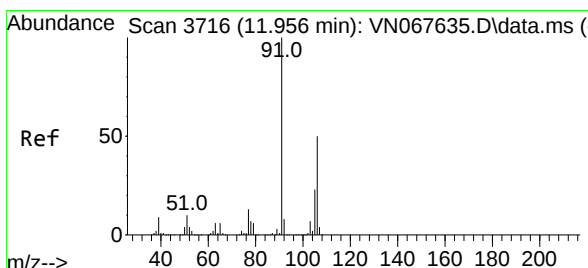
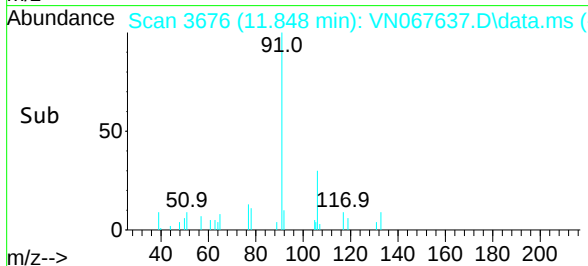
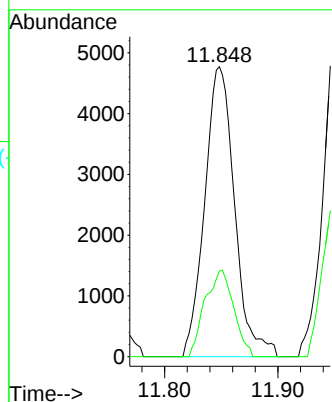
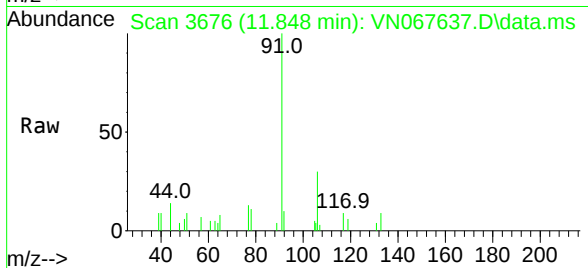




#67
Ethyl Benzene
Concen: 0.325 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

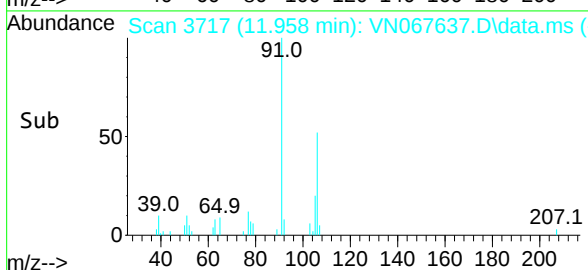
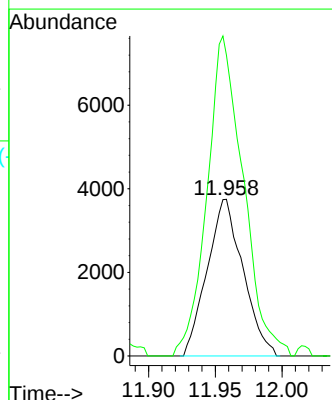
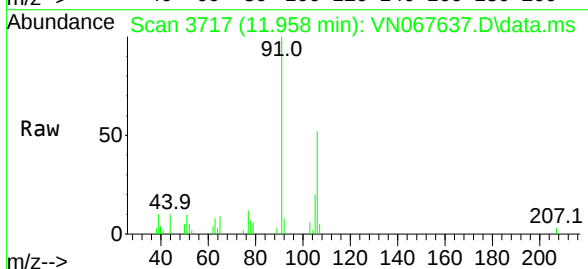
Instrument :
MSVOA_N
ClientSampled :

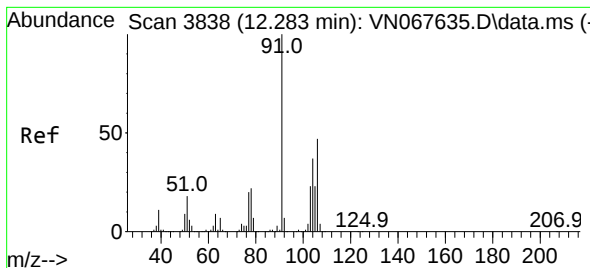
Tgt Ion: 91 Resp: 8742
Ion Ratio Lower Upper
91 100
106 29.5 23.4 35.0



#68
m/p-Xylenes
Concen: 0.689 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.002 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion:106 Resp: 7004
Ion Ratio Lower Upper
106 100
91 205.9 180.6 270.8

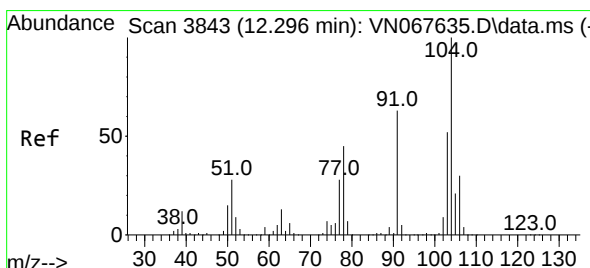
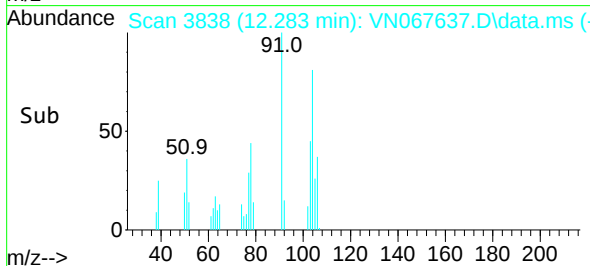
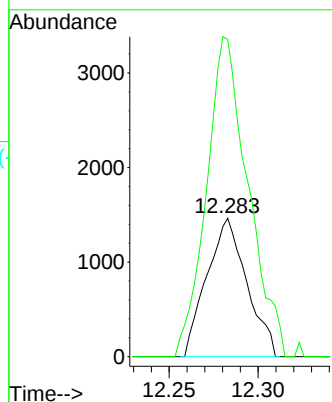
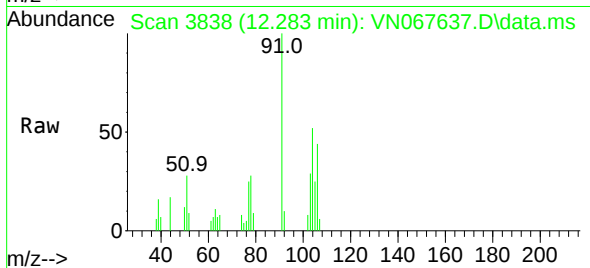




#69
o-Xylene
Concen: 0.229 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

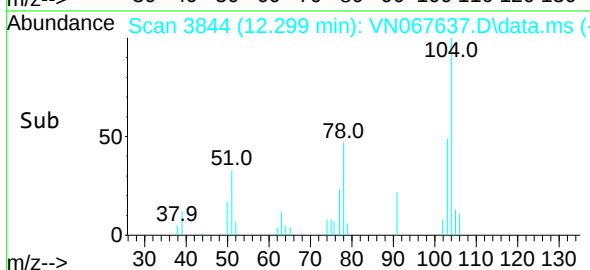
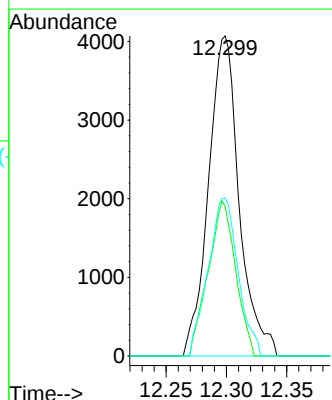
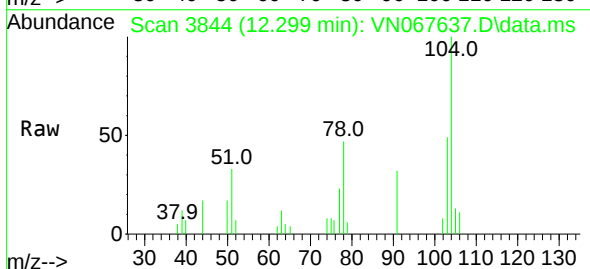
Instrument :
MSVOA_N
ClientSampleId :

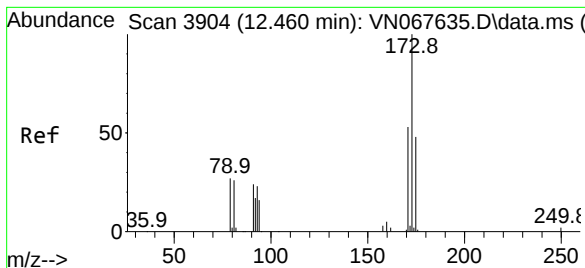
Tgt Ion:106 Resp: 2283
Ion Ratio Lower Upper
106 100
91 240.9 118.3 354.9



#70
Styrene
Concen: 0.451 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion:104 Resp: 7200
Ion Ratio Lower Upper
104 100
78 43.4 48.2 72.2#
103 48.1 44.5 66.7

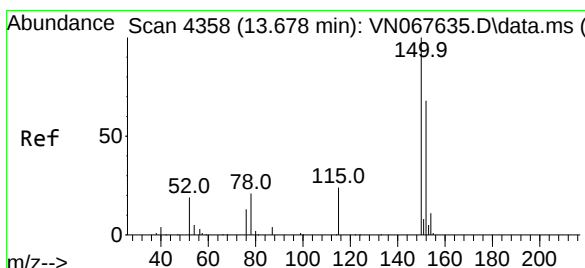
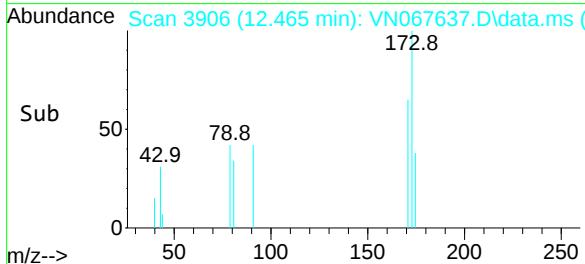
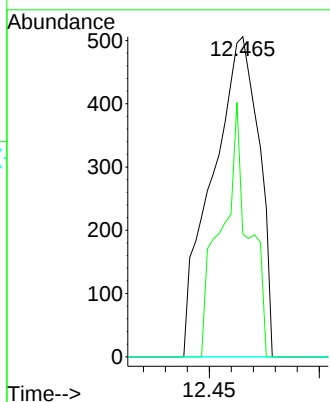
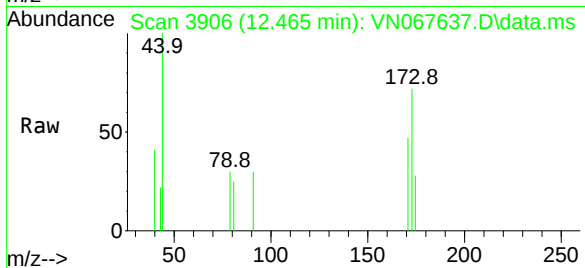




#71
Bromoform
Concen: 3.328 ug/l
RT: 12.465 min Scan# 3906
Delta R.T. 0.005 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

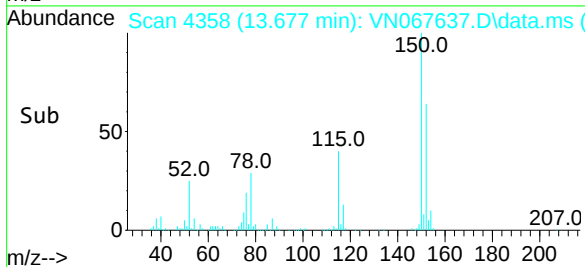
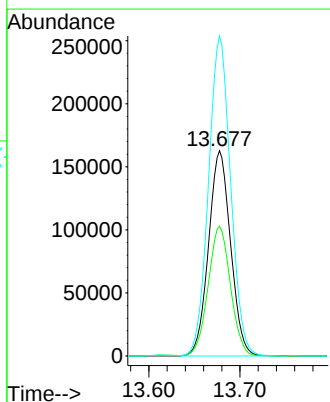
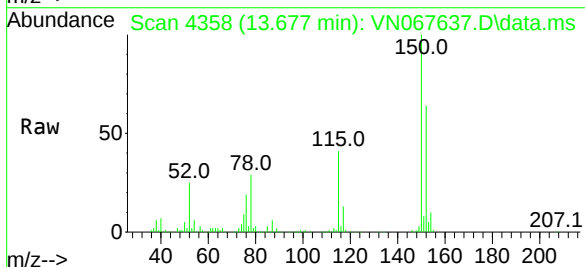
Instrument :
MSVOA_N
ClientSampleId :

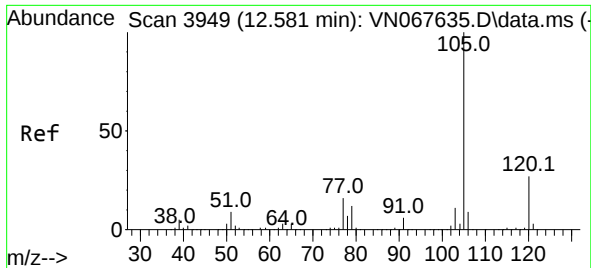
Tgt Ion:173 Resp: 747
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion:152 Resp: 273068
Ion Ratio Lower Upper
152 100
115 63.9 36.1 108.5
150 156.4 0.0 351.8

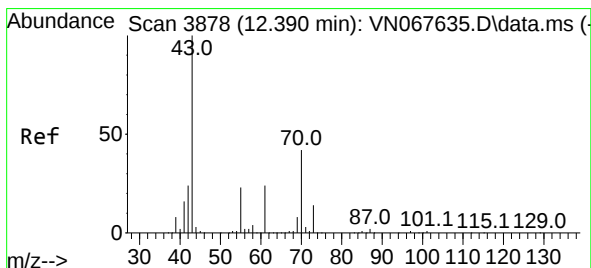
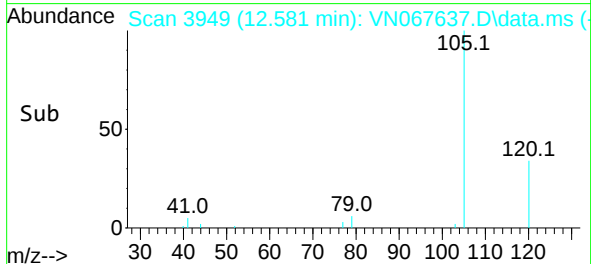
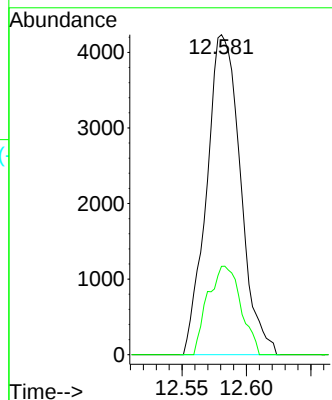
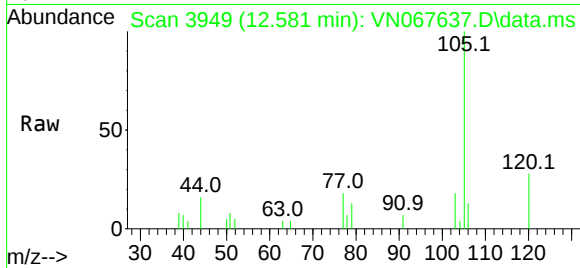




#73
Isopropylbenzene
Concen: 0.351 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

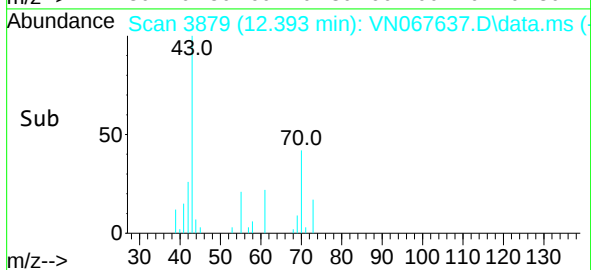
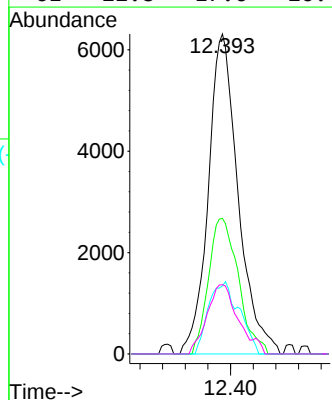
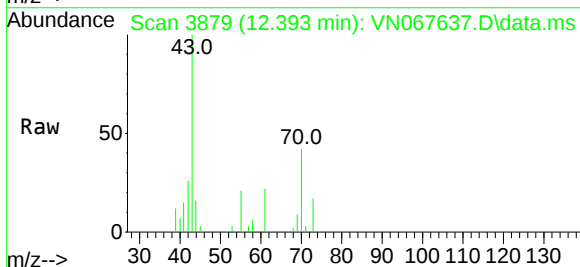
Instrument :
MSVOA_N
ClientSampled :

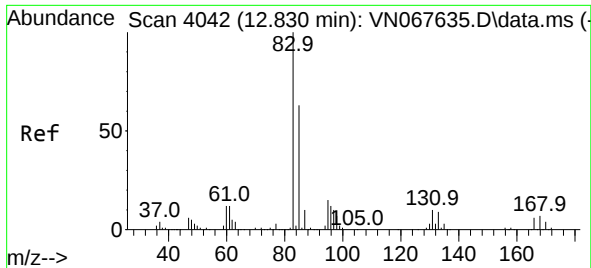
Tgt Ion:105 Resp: 7725
Ion Ratio Lower Upper
105 100
120 26.9 12.5 37.5



#74
N-ethyl acetate
Concen: 1.444 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 43 Resp: 11541
Ion Ratio Lower Upper
43 100
70 42.4 29.4 44.2
55 23.3 17.0 25.4
61 22.8 17.6 26.4

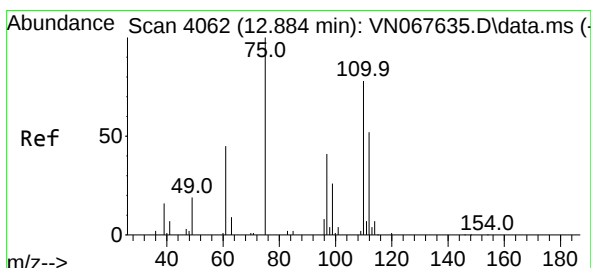
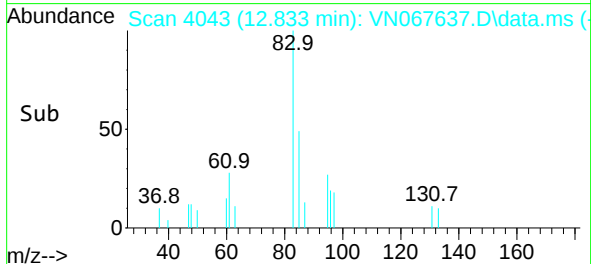
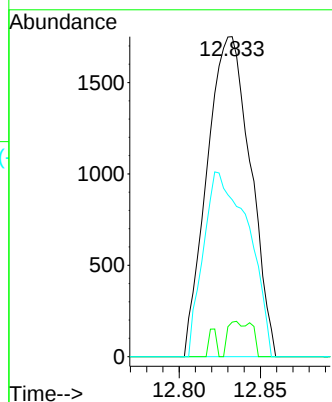
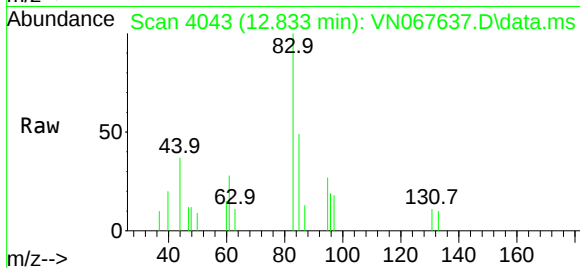




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.508 ug/l
 RT: 12.833 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VN067637.D
 Acq: 7 Jul 2021 16:10

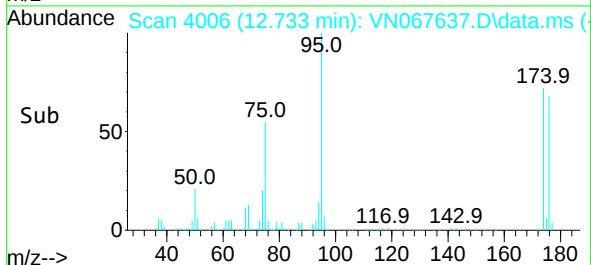
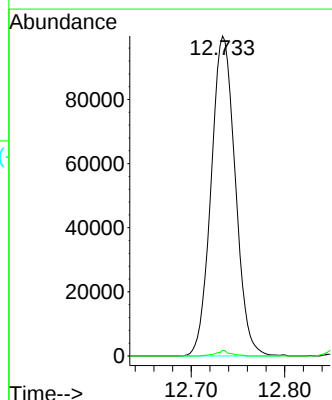
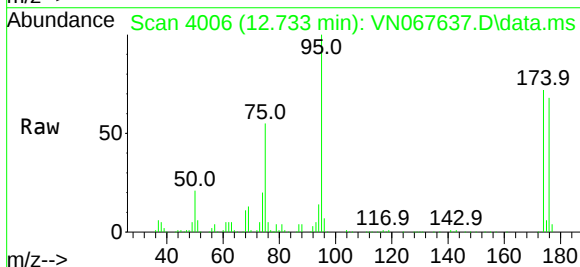
Instrument :
 MSVOA_N
 ClientSampleId :

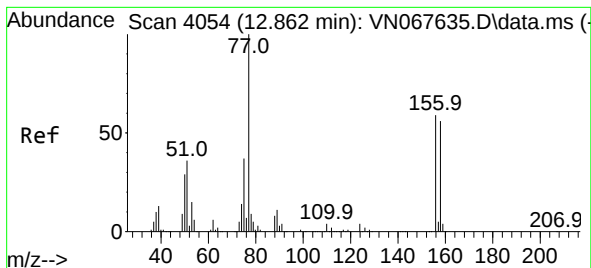
Tgt Ion: 83 Resp: 3250
 Ion Ratio Lower Upper
 83 100
 131 6.1 4.8 14.4
 85 0.0 32.2 96.6#



#76
 1,2,3-Trichloropropane
 Concen: 32.078 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.151 min
 Lab File: VN067637.D
 Acq: 7 Jul 2021 16:10

Tgt Ion: 75 Resp: 178883
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

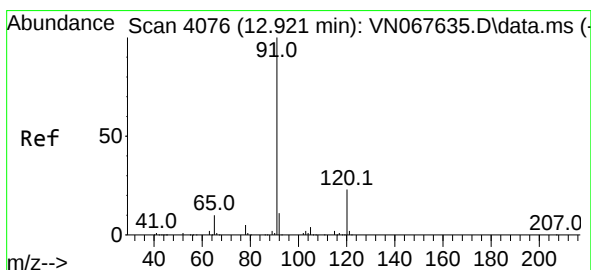
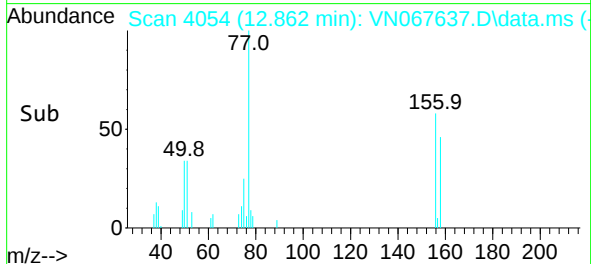
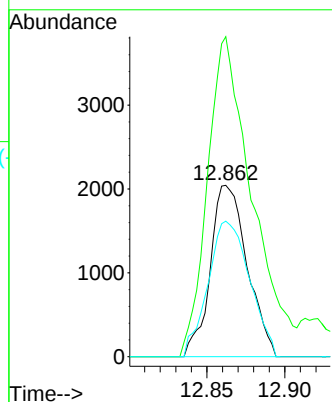
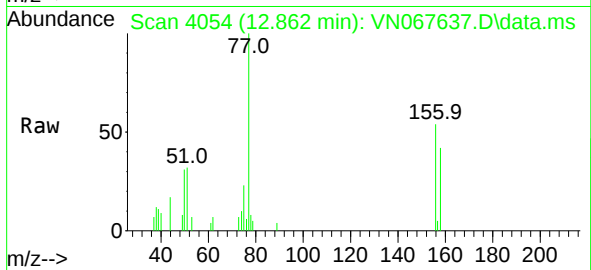




#77
Bromobenzene
Concen: 0.690 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

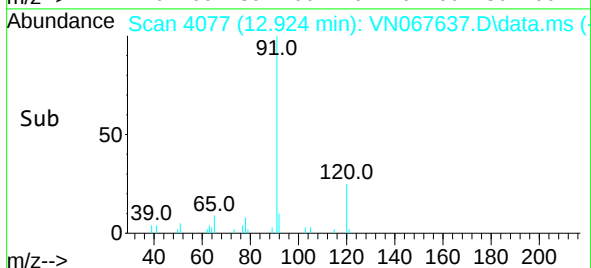
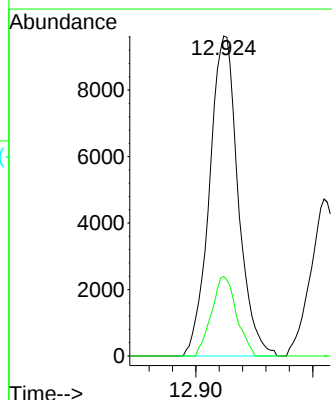
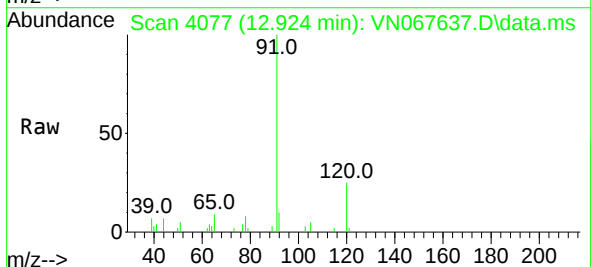
Instrument :
MSVOA_N
ClientSampled :

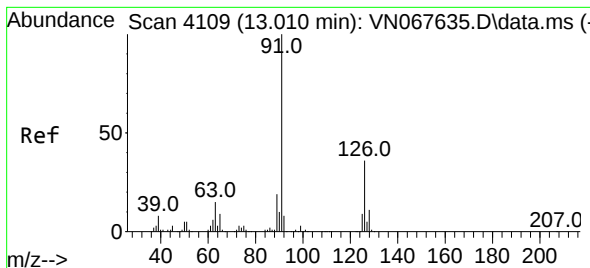
Tgt Ion:156 Resp: 3366
Ion Ratio Lower Upper
156 100
77 225.0 136.2 408.6
158 89.2 48.4 145.3



#78
n-propylbenzene
Concen: 0.657 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 91 Resp: 16370
Ion Ratio Lower Upper
91 100
120 21.6 10.4 31.4

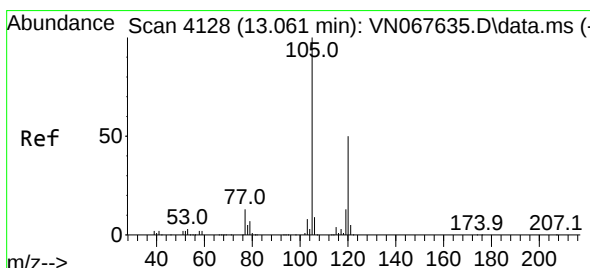
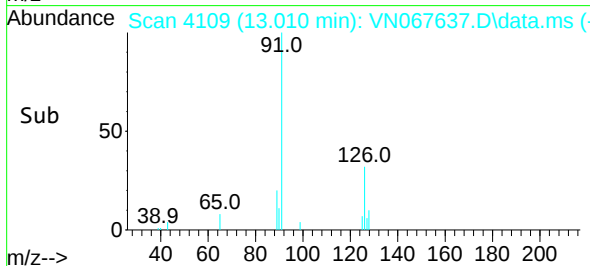
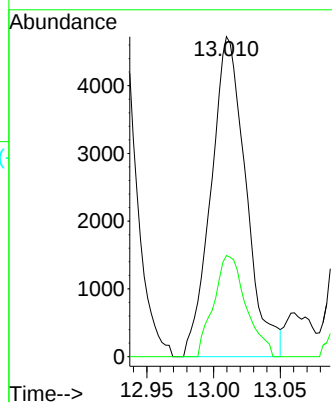
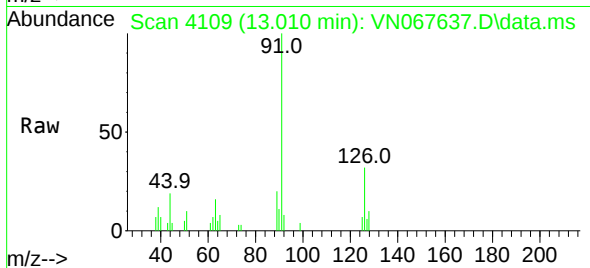




#79
2-Chlorotoluene
Concen: 0.570 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

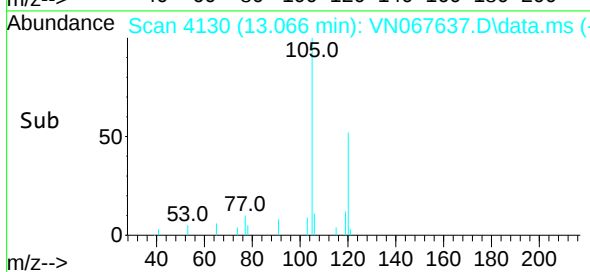
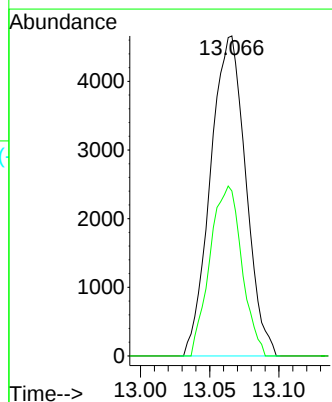
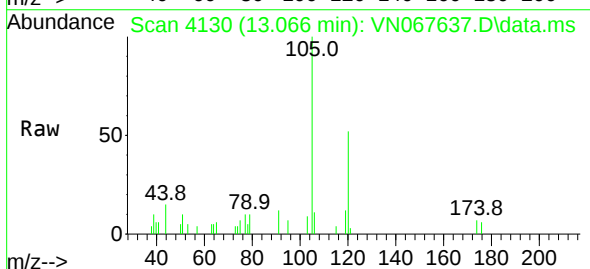
Instrument :
MSVOA_N
ClientSampled :

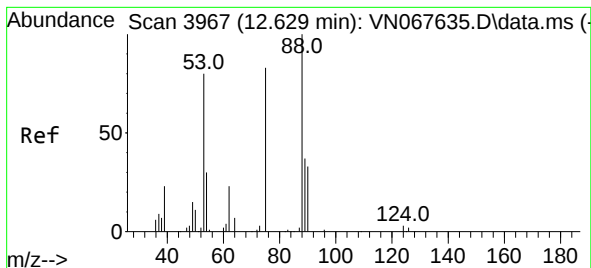
Tgt Ion: 91 Resp: 8579
Ion Ratio Lower Upper
91 100
126 29.3 14.5 43.5



#80
1,3,5-Trimethylbenzene
Concen: 0.462 ug/l
RT: 13.066 min Scan# 4130
Delta R.T. 0.005 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 105 Resp: 8242
Ion Ratio Lower Upper
105 100
120 48.1 22.2 66.6

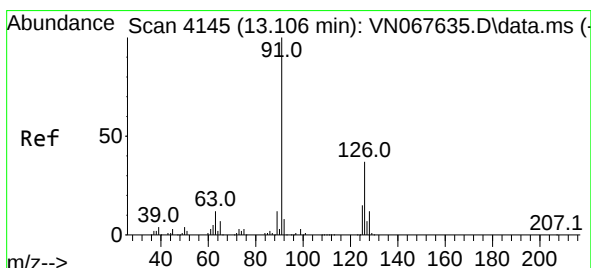
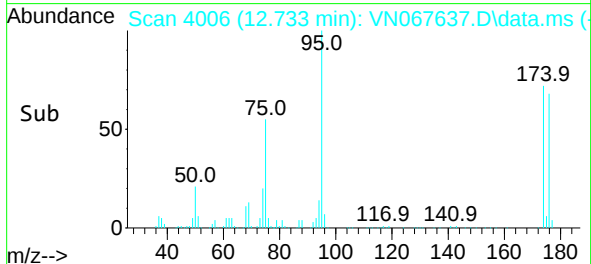
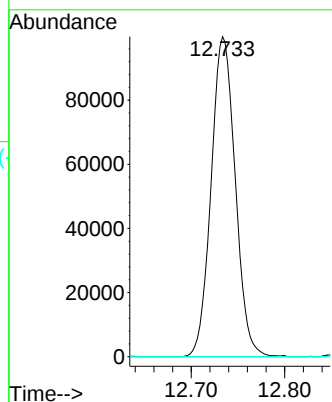
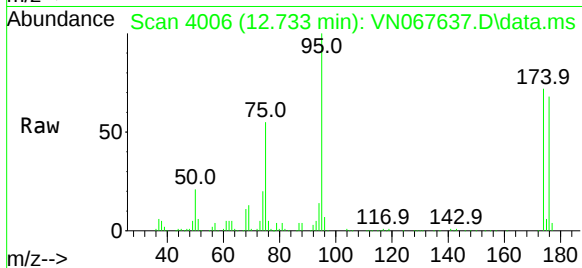




#81
trans-1,4-Dichloro-2-butene
Concen: 103.422 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

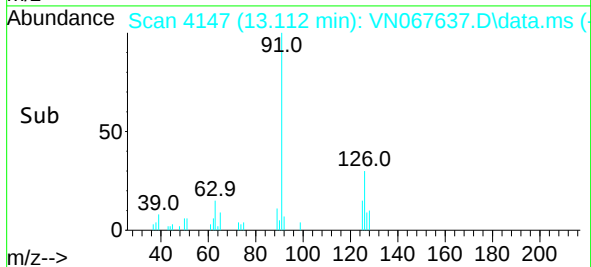
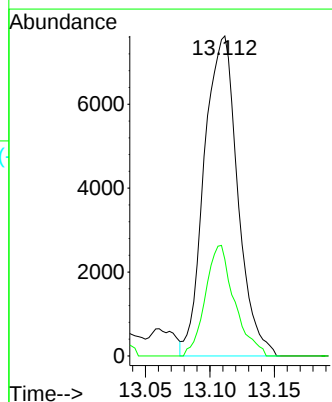
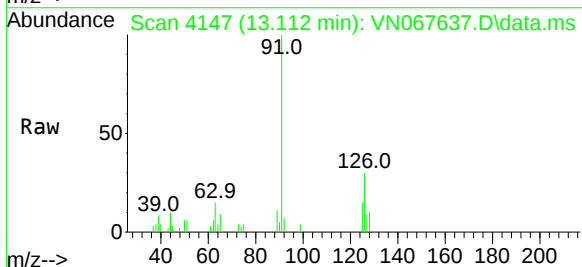
Instrument :
MSVOA_N
ClientSampleId :

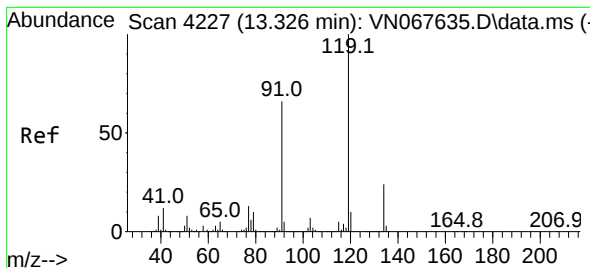
Tgt Ion: 75 Resp: 178883
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.922 ug/l
RT: 13.112 min Scan# 4147
Delta R.T. 0.006 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion: 91 Resp: 13728
Ion Ratio Lower Upper
91 100
126 30.1 14.8 44.4





#83

tert-Butylbenzene

Concen: 0.392 ug/l

RT: 13.329 min Scan# 4228

Delta R.T. 0.003 min

Lab File: VN067637.D

Acq: 7 Jul 2021 16:10

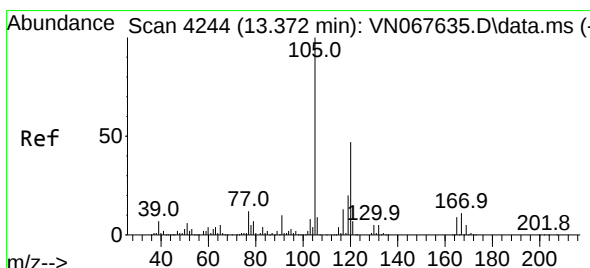
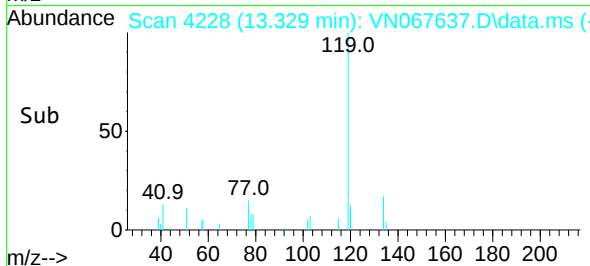
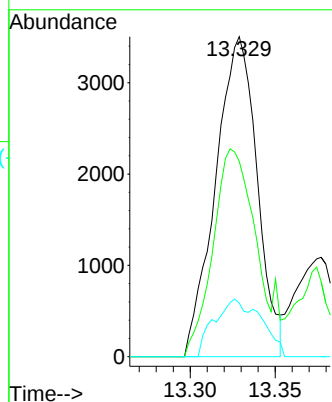
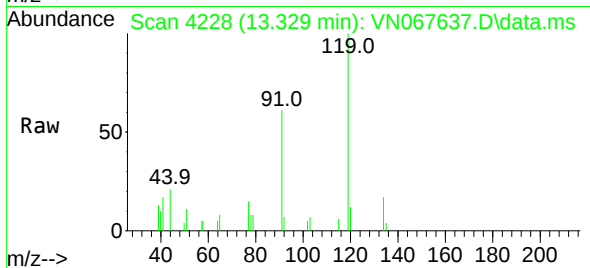
Tgt Ion:119 Resp: 5965

Ion Ratio Lower Upper

119 100

91 64.5 39.5 118.5

134 20.2 12.0 36.0



#84

1,2,4-Trimethylbenzene

Concen: 0.713 ug/l

RT: 13.372 min Scan# 4244

Delta R.T. -0.000 min

Lab File: VN067637.D

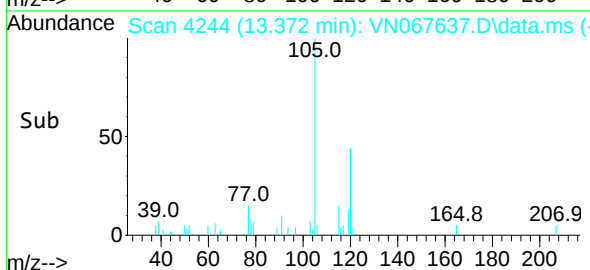
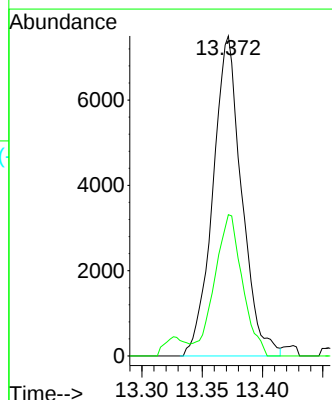
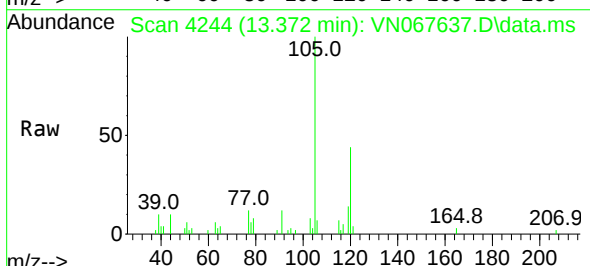
Acq: 7 Jul 2021 16:10

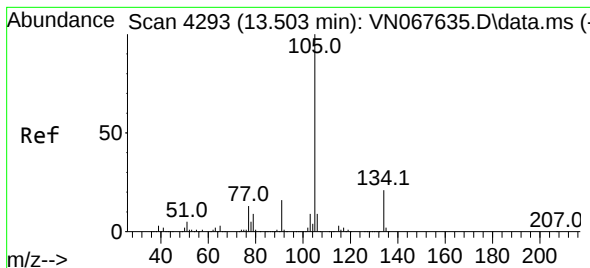
Tgt Ion:105 Resp: 12475

Ion Ratio Lower Upper

105 100

120 42.5 20.6 61.8





#85

sec-Butylbenzene

Concen: 0.626 ug/l

RT: 13.506 min Scan# 4294

Delta R.T. 0.003 min

Lab File: VN067637.D

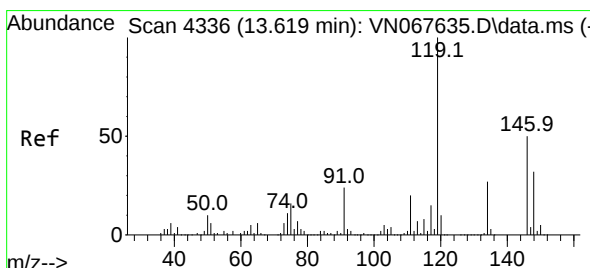
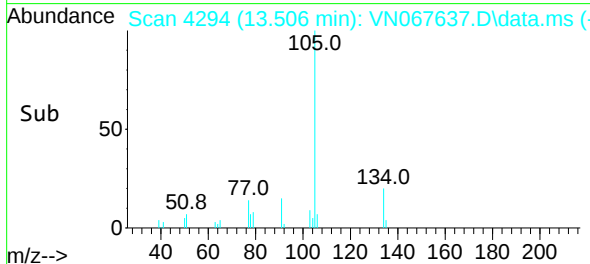
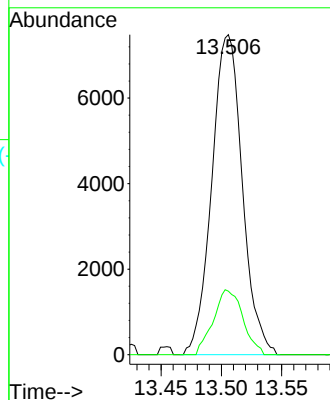
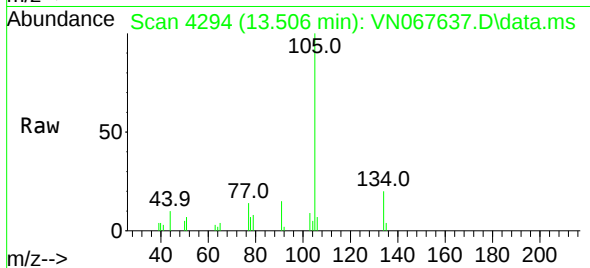
Acq: 7 Jul 2021 16:10

Tgt Ion:105 Resp: 13189

Ion Ratio Lower Upper

105 100

134 19.6 9.0 27.1



#86

p-Isopropyltoluene

Concen: 0.804 ug/l

RT: 13.618 min Scan# 4336

Delta R.T. -0.001 min

Lab File: VN067637.D

Acq: 7 Jul 2021 16:10

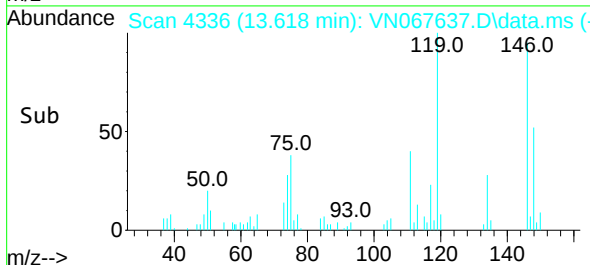
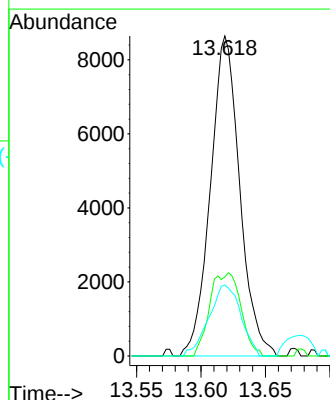
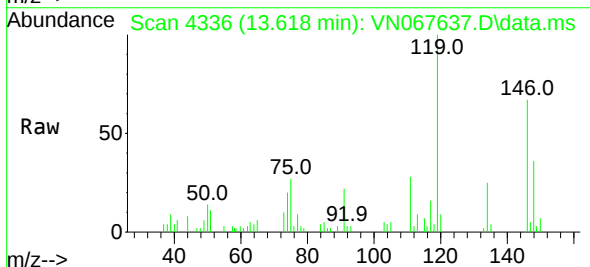
Tgt Ion:119 Resp: 13672

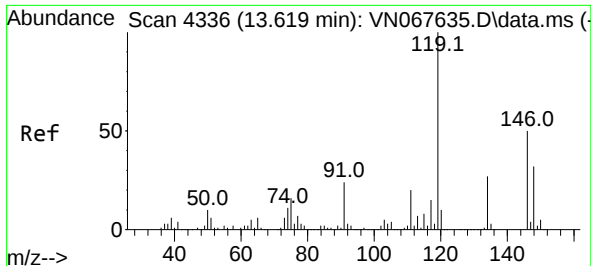
Ion Ratio Lower Upper

119 100

134 27.6 12.4 37.4

91 24.1 14.8 44.3



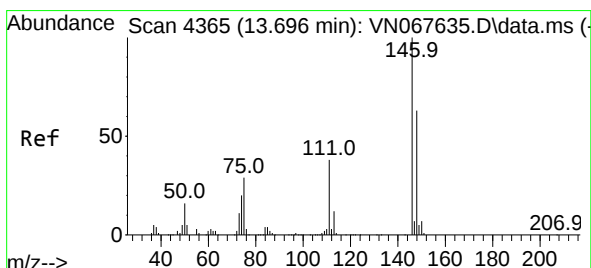
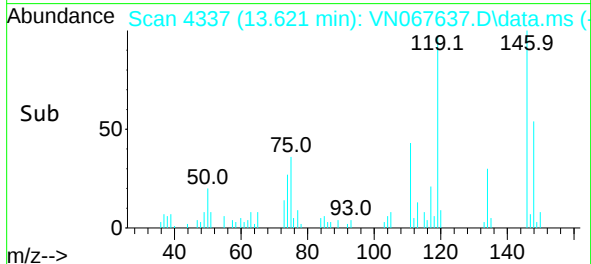
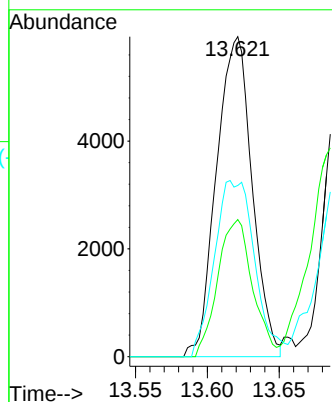
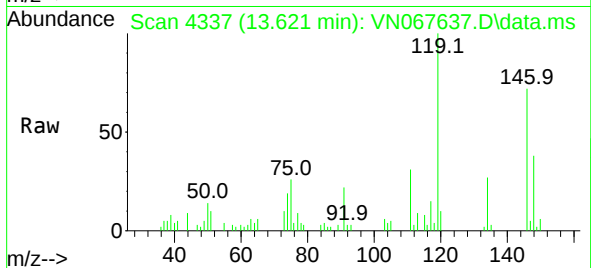


#87

1,3-Dichlorobenzene
Concen: 1.131 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.002 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Instrument :
MSVOA_N
ClientSampled :

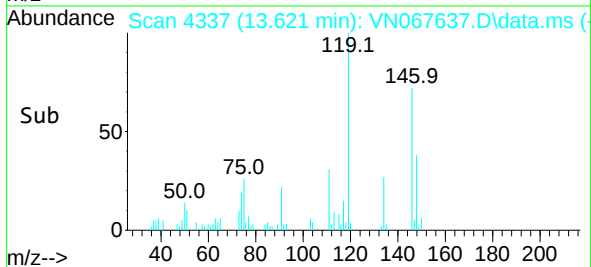
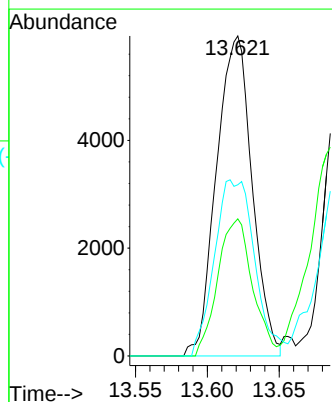
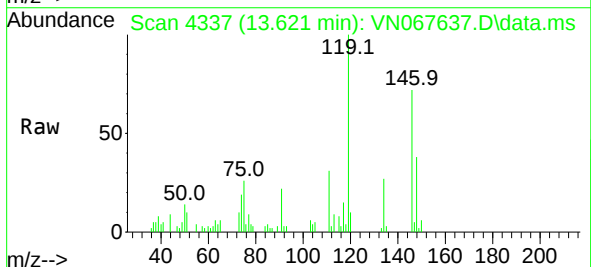
Tgt Ion:146 Resp: 10228
Ion Ratio Lower Upper
146 100
111 41.8 24.3 72.8
148 62.5 32.0 96.0

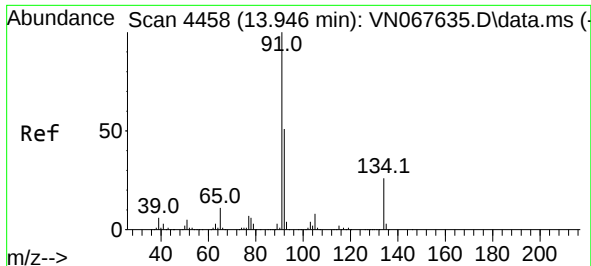


#88

1,4-Dichlorobenzene
Concen: 1.104 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. -0.075 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion:146 Resp: 10228
Ion Ratio Lower Upper
146 100
111 41.8 23.4 70.2
148 62.5 31.8 95.3

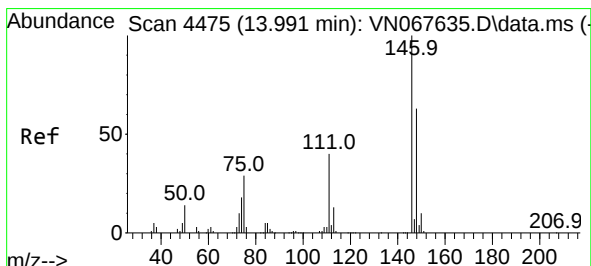
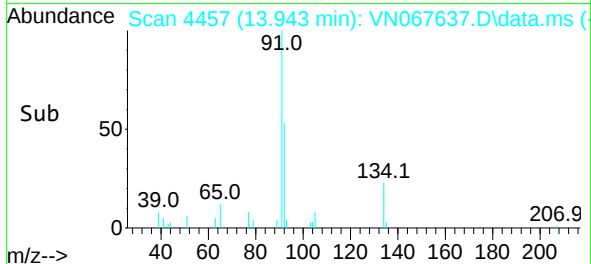
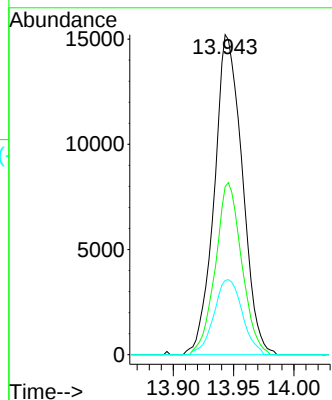
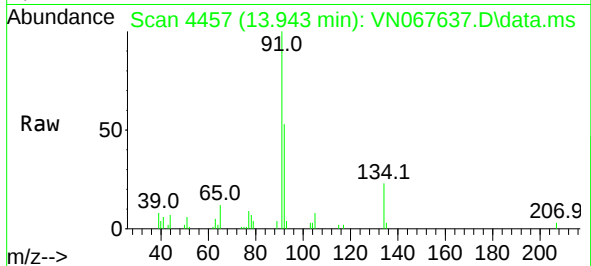




#89
n-Butylbenzene
Concen: 1.680 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

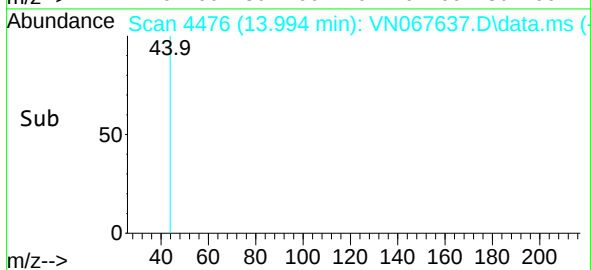
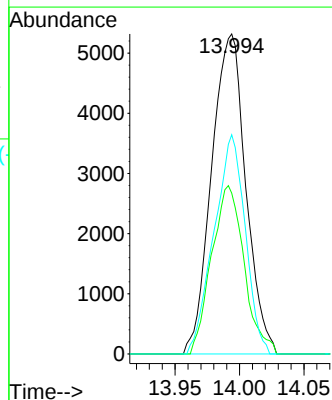
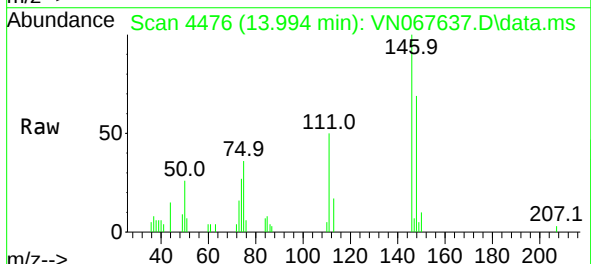
Instrument :
MSVOA_N
ClientSampleId :

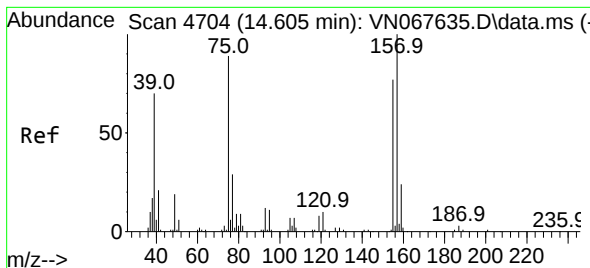
Tgt Ion:	91	Resp:	24496
Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.7	77.1
134	23.8	11.2	33.6



#91
1,2-Dichlorobenzene
Concen: 1.125 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

Tgt Ion:	146	Resp:	9827
Ion	Ratio	Lower	Upper
146	100		
111	49.9	24.9	74.6
148	62.4	31.6	95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.286 ug/l

RT: 14.603 min Scan# 4703

Delta R.T. -0.002 min

Lab File: VN067637.D

Acq: 7 Jul 2021 16:10

Tgt Ion: 75 Resp: 2539

Ion Ratio Lower Upper

75 100

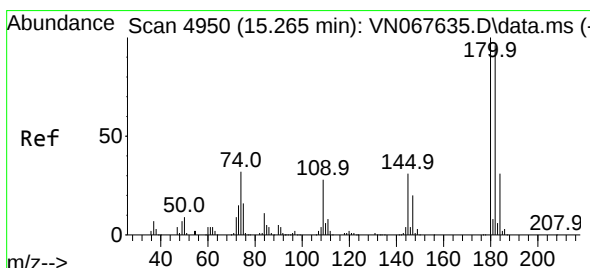
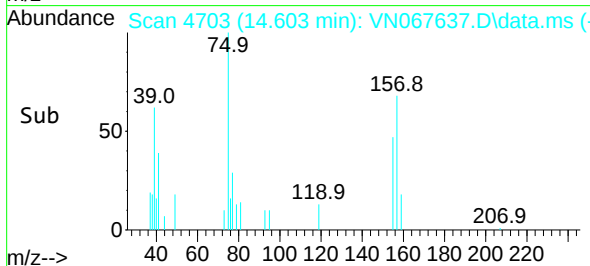
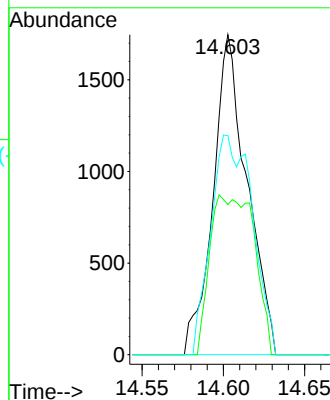
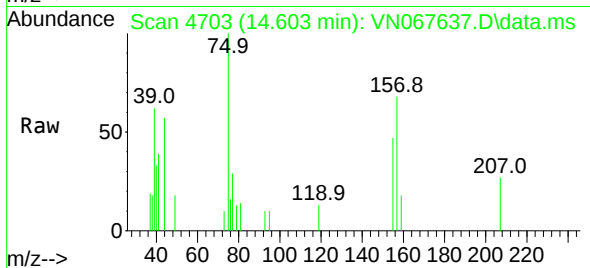
155 65.2 29.8 89.5

157 51.5 37.6 112.8

Instrument :

MSVOA_N

ClientSampleId :



#93

1,2,4-Trichlorobenzene

Concen: 6.459 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN067637.D

Acq: 7 Jul 2021 16:10

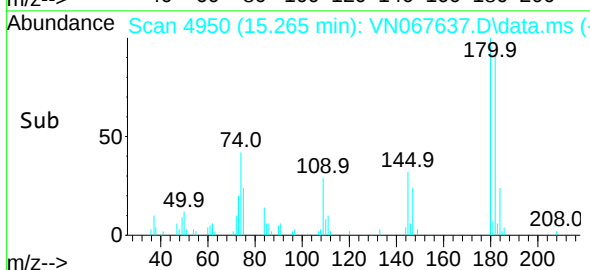
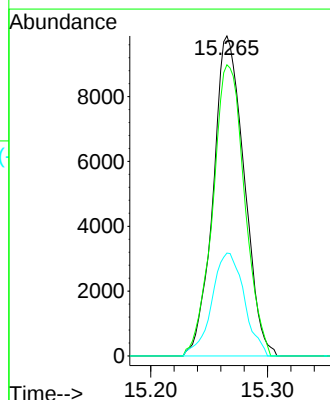
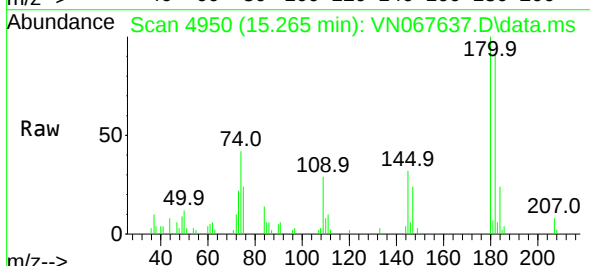
Tgt Ion:180 Resp: 18189

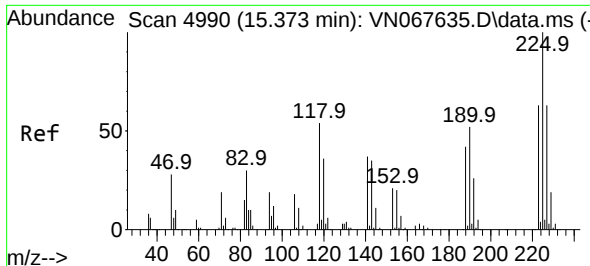
Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.5

145 33.6 17.2 51.6

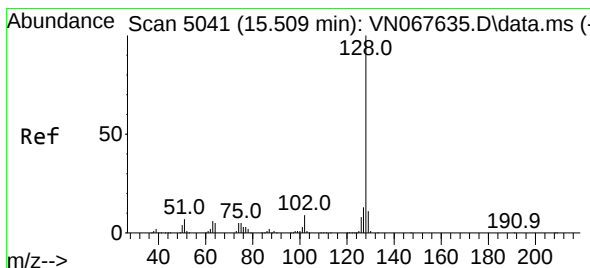
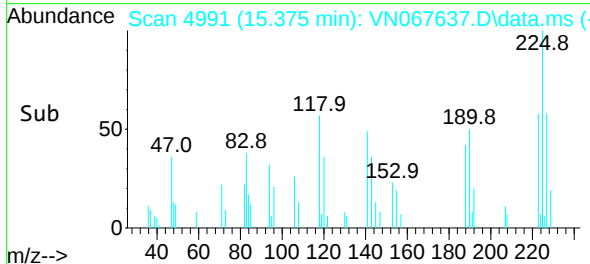
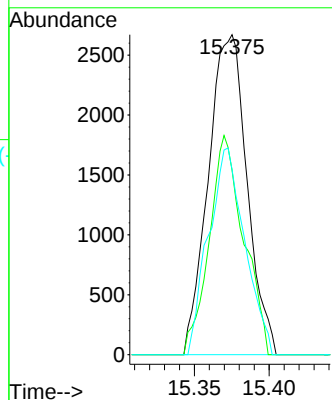
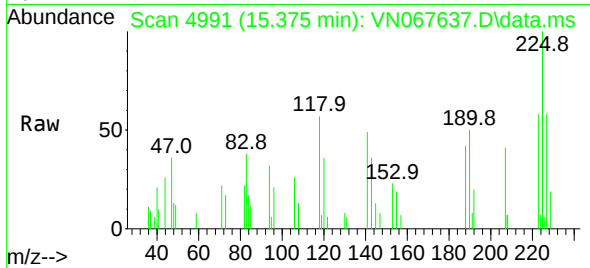




#94
Hexachlorobutadiene
Concen: 2.624 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.002 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

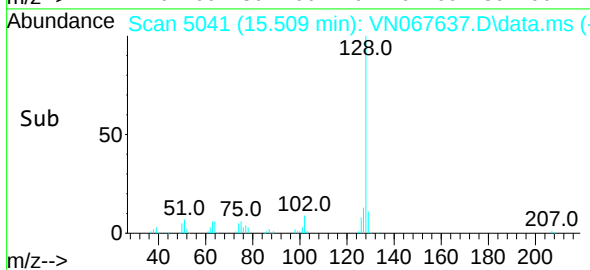
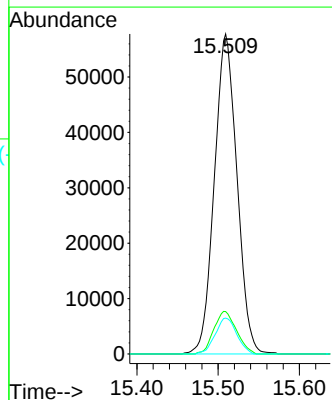
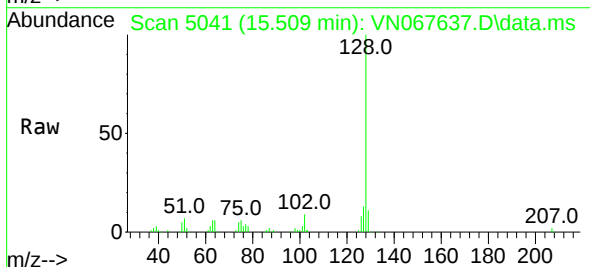
Instrument :
MSVOA_N
ClientSampled :

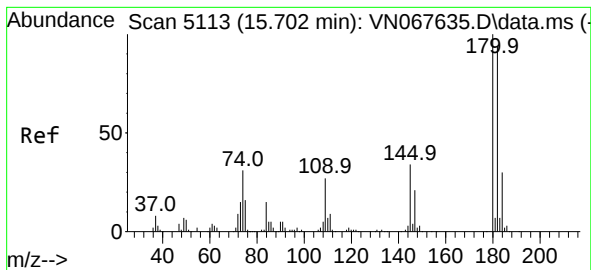
Tgt Ion:225 Resp: 4815
Ion Ratio Lower Upper
225 100
223 60.9 31.4 94.0
227 60.5 31.2 93.6



#95
Naphthalene
Concen: 10.870 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067637.D
Acq: 7 Jul 2021 16:10

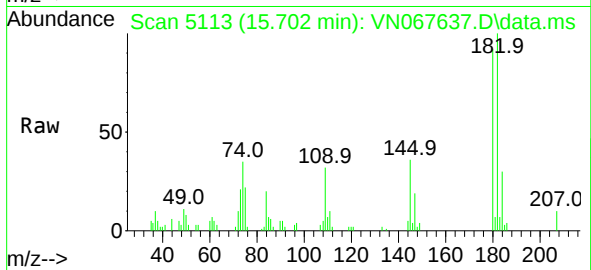
Tgt Ion:128 Resp: 111795
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.7 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 7.513 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN067637.D
 Acq: 7 Jul 2021 16:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 22464
 Ion Ratio Lower Upper
 180 100
 182 100.0 47.8 143.3
 145 37.4 18.2 54.6

