

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081621\
 Data File : VN068113.D
 Acq On : 16 Aug 2021 14:09
 Operator : JC/MD
 Sample : PB138399ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138399ZHE#02

Quant Time: Aug 17 07:11:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	254696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	501601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	541899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	182501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215309	59.714	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.420%			
35) Dibromofluoromethane	8.027	113	158527	54.230	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.460%			
50) Toluene-d8	10.443	98	685909	50.777	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.560%			
62) 4-Bromofluorobenzene	12.733	95	227482	46.458	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.920%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.422	142	203	3.177	ug/l #	70
11) Tert butyl alcohol	5.390	59	213	0.441	ug/l #	71
13) Acrolein	4.039	56	307	0.936	ug/l #	75
16) Acetone	4.293	43	41017	31.177	ug/l	97
18) Methyl Acetate	4.865	43	2677	0.746	ug/l #	84
20) Methylene Chloride	5.090	84	28108	9.020	ug/l #	79
23) Vinyl Acetate	6.434	43	108	8.813	ug/l #	75
25) 2-Butanone	7.343	43	3910	2.049	ug/l	94
29) Tetrahydrofuran	7.705	42	2325	1.902	ug/l #	85
31) Cyclohexane	8.091	56	6789	1.276	ug/l #	22
36) 1,1-Dichloropropene	8.088	75	23562	5.078	ug/l #	52
38) Carbon Tetrachloride	8.086	117	29946	6.563	ug/l #	17
43) Isopropyl Acetate	8.566	43	35696	4.906	ug/l	94
45) 1,2-Dichloropropane	9.630	63	2342	0.684	ug/l #	44
48) Methyl methacrylate	9.545	41	8649	4.579	ug/l #	12
49) 1,4-Dioxane	9.625	88	67	1.158	ug/l #	1
51) 4-Methyl-2-Pentanone	10.333	43	9896	14.339	ug/l #	81
53) t-1,3-Dichloropropene	10.725	75	83	2.846	ug/l #	43
54) cis-1,3-Dichloropropene	10.247	75	57198	11.135	ug/l #	61
56) Ethyl methacrylate	10.768	69	651	3.197	ug/l #	19
57) 1,3-Dichloropropane	11.092	76	34750	6.159	ug/l #	43
59) 2-Hexanone	11.095	43	542372	149.172	ug/l #	55
60) Dibromochloromethane	11.229	129	68	3.317	ug/l #	11
68) m/p-Xylenes	11.958	106	1339	4.212	ug/l #	68
70) Styrene	12.294	104	1530	2.733	ug/l #	88
71) Bromoform	12.455	173	24	4.037	ug/l #	29
74) N-amyl acetate	12.390	43	5237	1.012	ug/l #	80
76) 1,2,3-Trichloropropane	12.733	75	124804	34.051	ug/l #	100
78) n-propylbenzene	12.921	91	4043	0.241	ug/l	93
79) 2-Chlorotoluene	13.015	91	2212	0.216	ug/l	76
80) 1,3,5-Trimethylbenzene	13.063	105	7642	0.633	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.733	75	124804	91.273	ug/l #	6
82) 4-Chlorotoluene	13.109	91	3154	0.307	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2962	0.253	ug/l	94
85) sec-Butylbenzene	13.498	105	2967	0.211	ug/l #	79
86) p-Isopropyltoluene	13.619	119	3048	0.273	ug/l	97

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

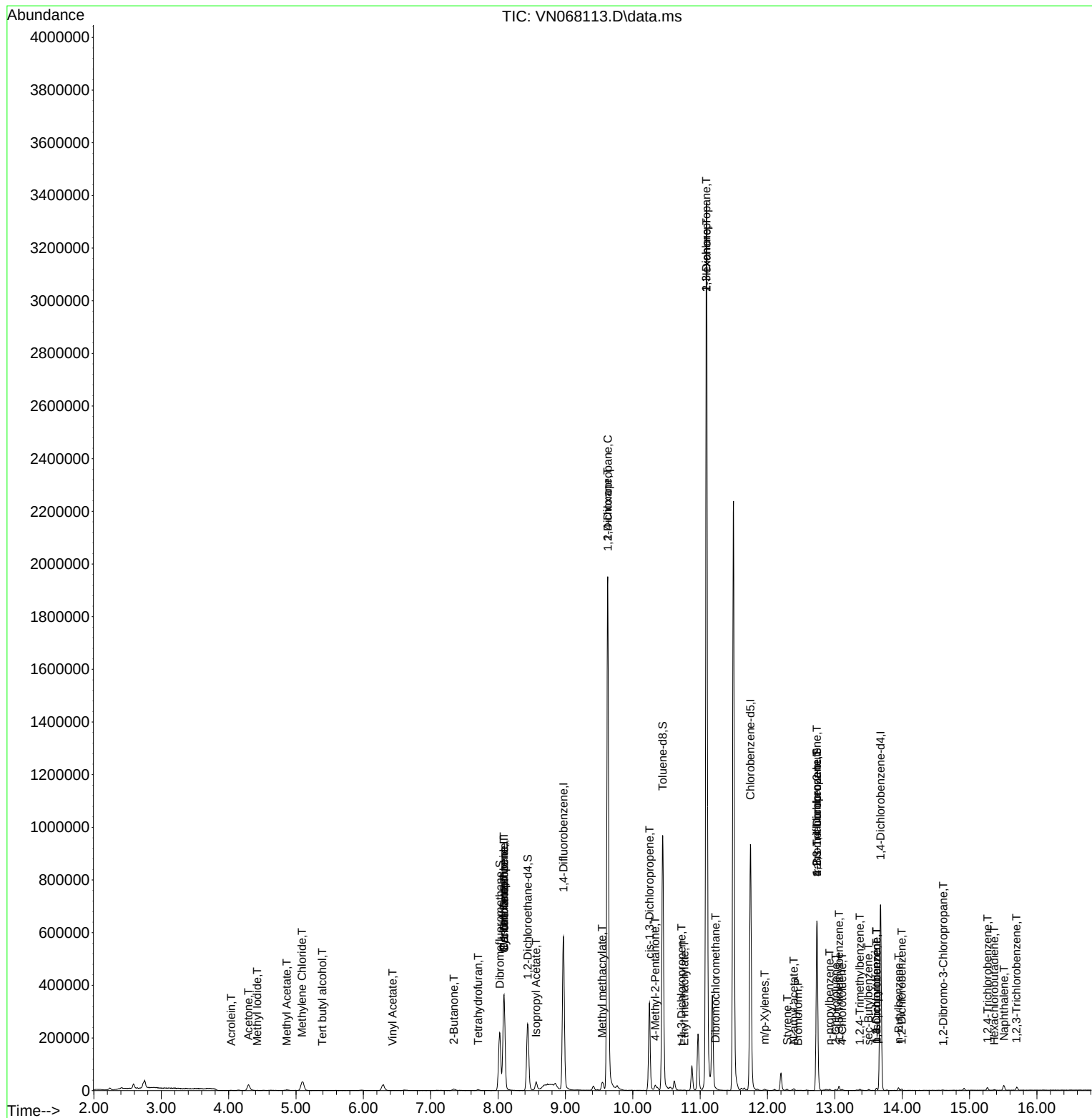
87) 1,3-Dichlorobenzene	13.619	146	1966	0.313	ug/l	92
88) 1,4-Dichlorobenzene	13.619	146	1966	0.317	ug/l	90
89) n-Butylbenzene	13.946	91	5761	0.602	ug/l	99
91) 1,2-Dichlorobenzene	13.994	146	2513	0.425	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	507	0.706	ug/l	88
93) 1,2,4-Trichlorobenzene	15.268	180	3398	3.686	ug/l #	17
94) Hexachlorobutadiene	15.364	225	519	0.422	ug/l	94
95) Naphthalene	15.509	128	16815	5.192	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.697	180	4141	3.940	ug/l #	91

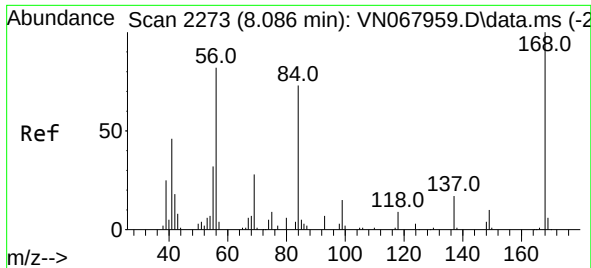
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

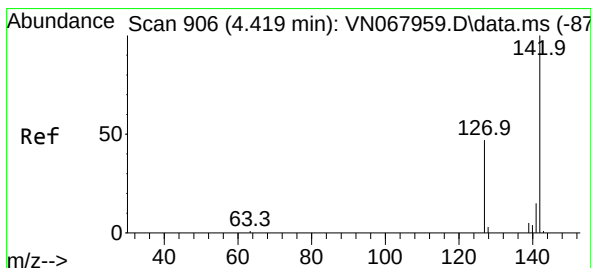
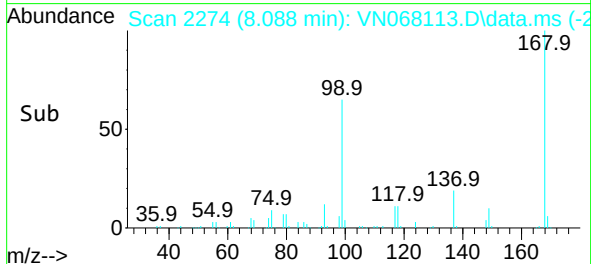
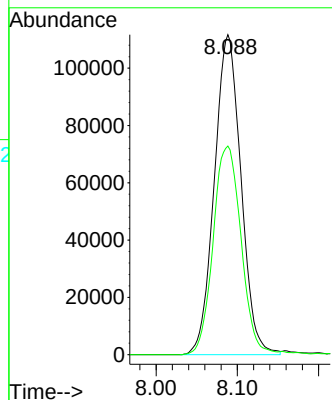
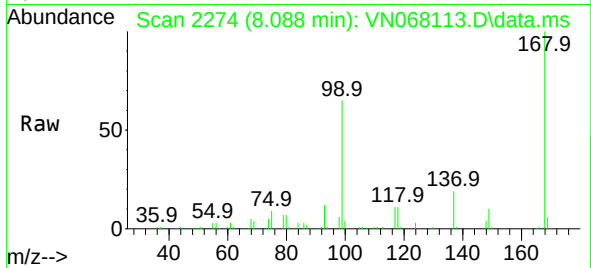




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

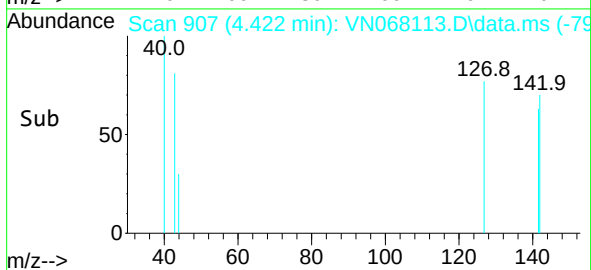
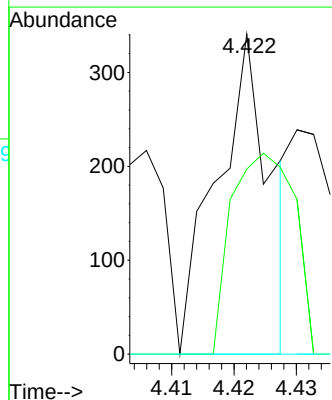
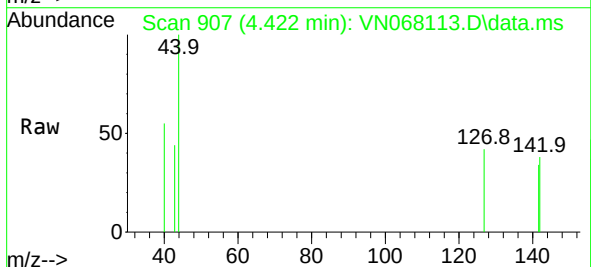
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

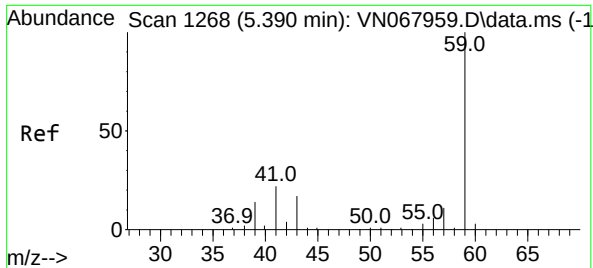
Tgt Ion:168 Resp: 254696
Ion Ratio Lower Upper
168 100
99 65.2 62.9 94.3



#10
Methyl Iodide
Concen: 3.177 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion:142 Resp: 203
Ion Ratio Lower Upper
142 100
127 74.4 43.1 64.7#
141 0.0 11.4 17.0#

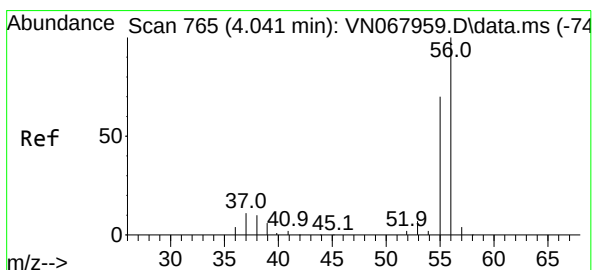
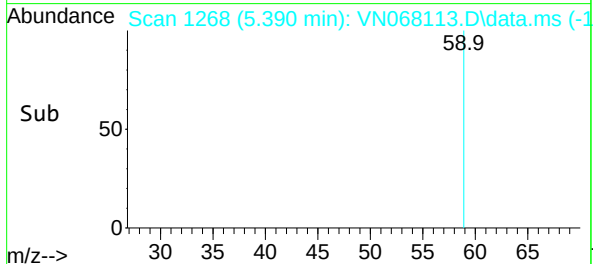
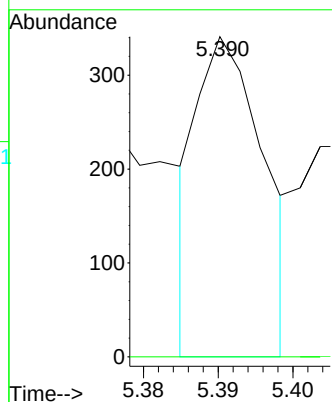
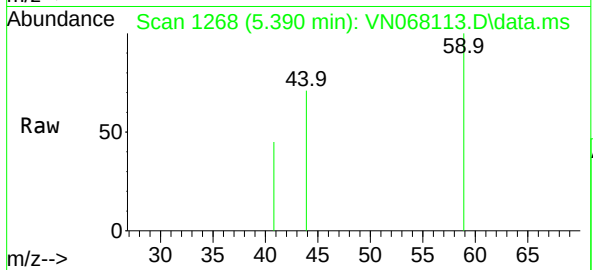




#11
Tert butyl alcohol
Concen: 0.441 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

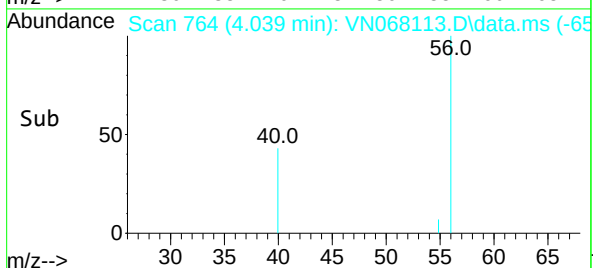
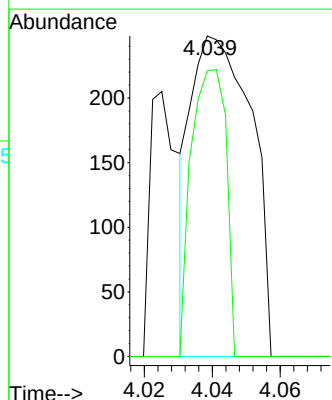
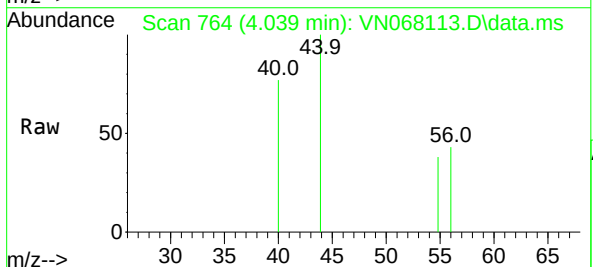
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

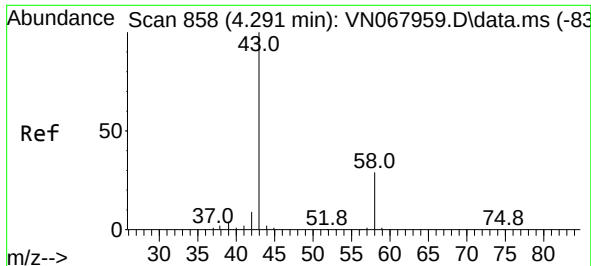
Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.936 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 56 Resp: 307
Ion Ratio Lower Upper
56 100
55 51.1 57.4 86.0#

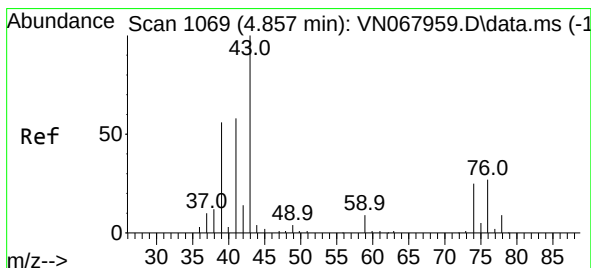
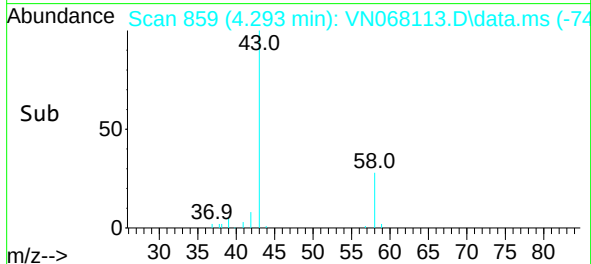
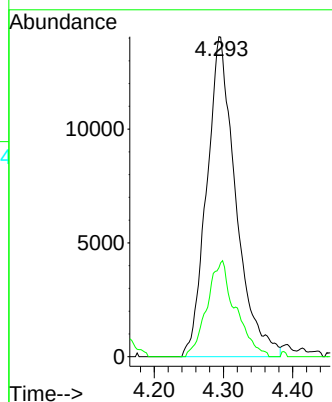
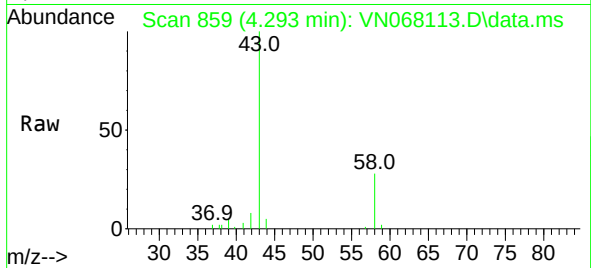




#16
Acetone
Concen: 31.177 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

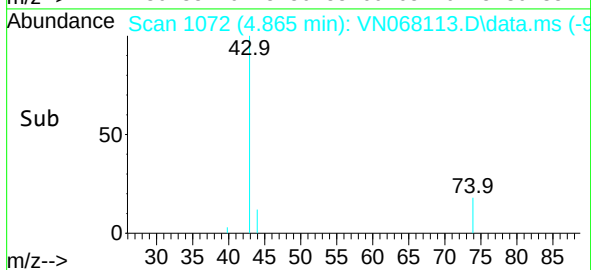
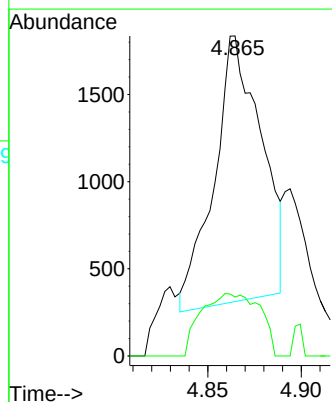
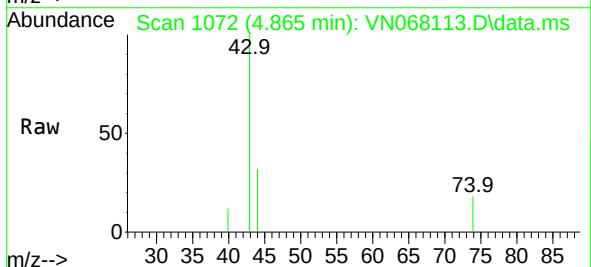
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

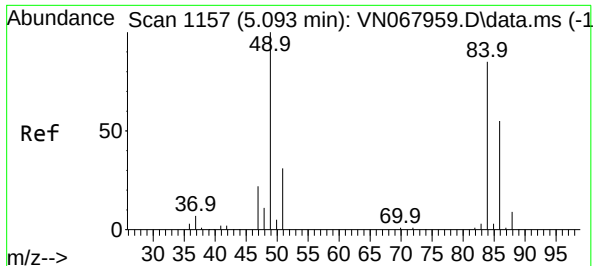
Tgt Ion: 43 Resp: 41017
Ion Ratio Lower Upper
43 100
58 27.8 21.2 31.8



#18
Methyl Acetate
Concen: 0.746 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

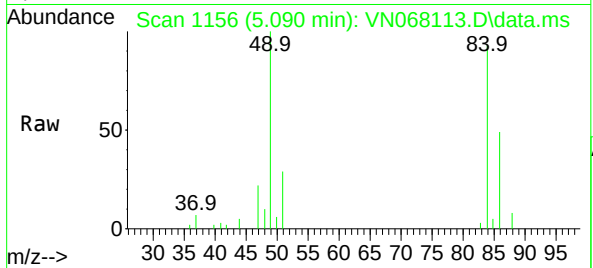
Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
74 29.1 17.4 26.0#



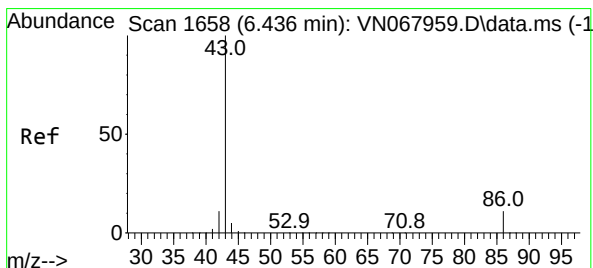
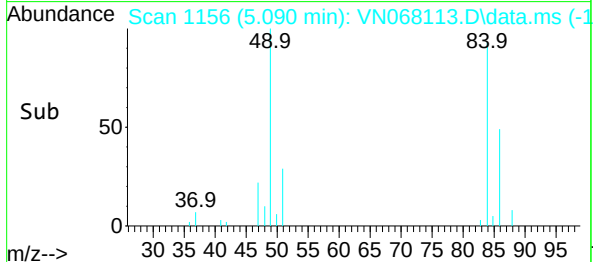
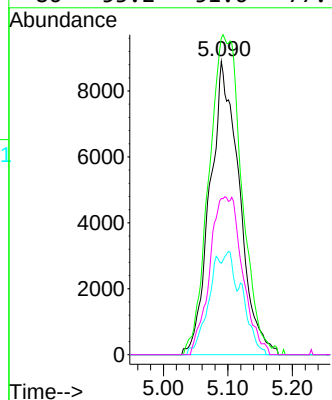


#20
Methylene Chloride
Concen: 9.020 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

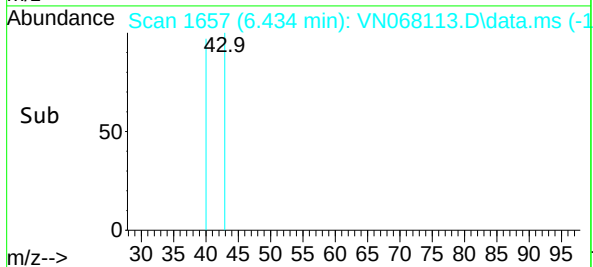
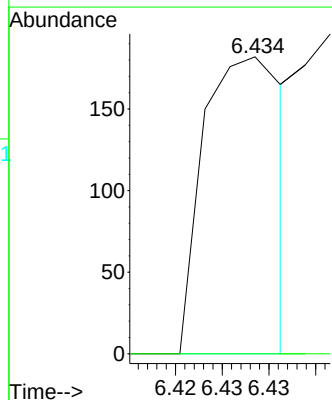
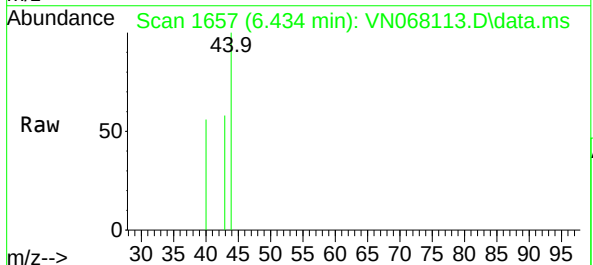


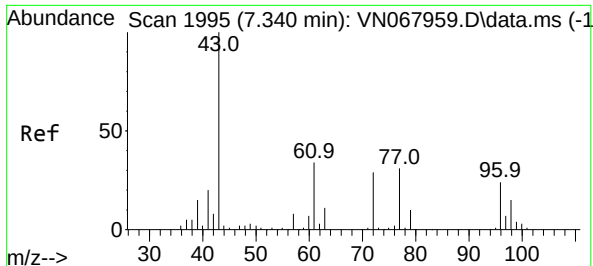
Tgt Ion: 84 Resp: 28108
Ion Ratio Lower Upper
84 100
49 108.0 110.9 166.3#
51 31.1 32.6 49.0#
86 53.2 51.6 77.4



#23
Vinyl Acetate
Concen: 8.813 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.002 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
86 0.0 7.3 10.9#

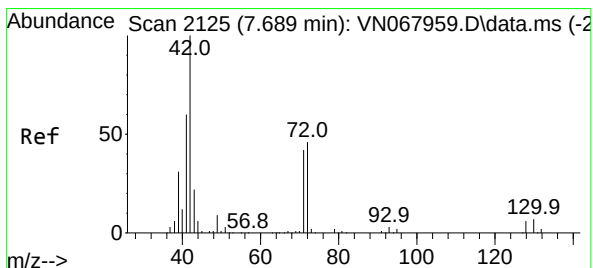
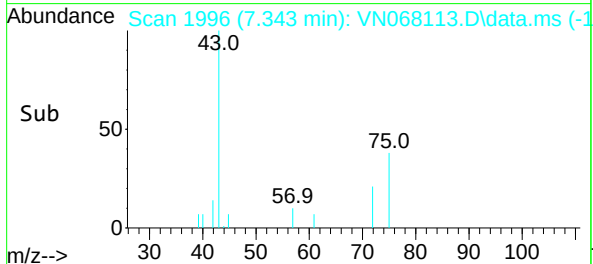
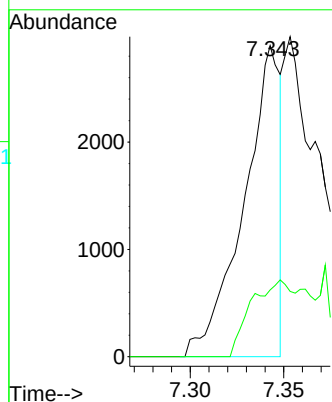
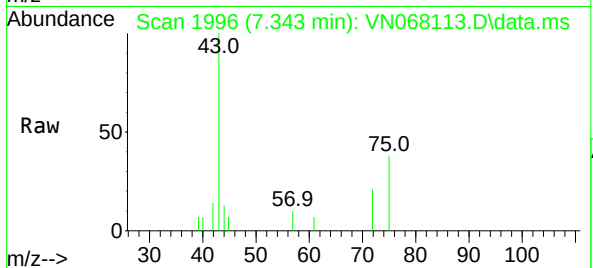




#25
2-Butanone
Concen: 2.049 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

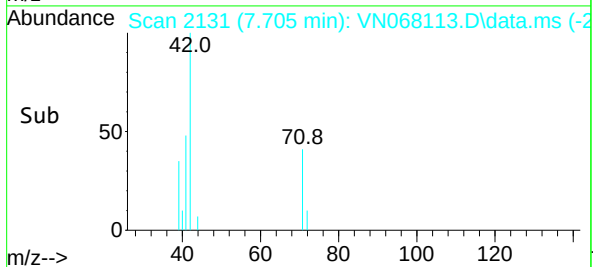
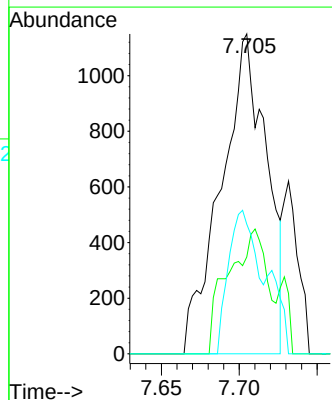
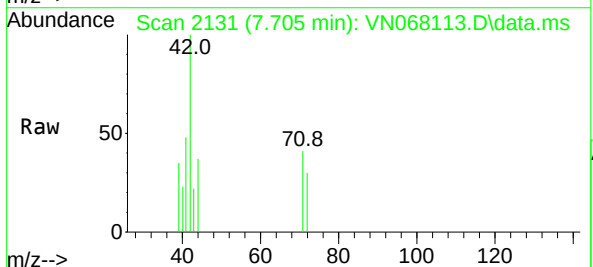
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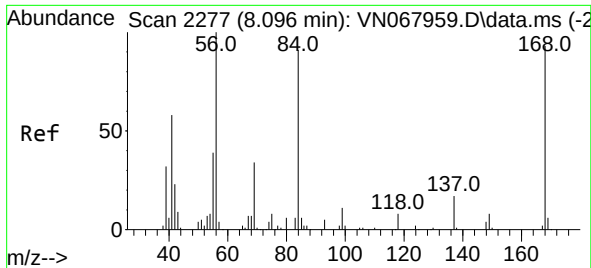
Tgt Ion: 43 Resp: 3910
Ion Ratio Lower Upper
43 100
72 21.5 19.7 29.5



#29
Tetrahydrofuran
Concen: 1.902 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.016 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 42 Resp: 2325
Ion Ratio Lower Upper
42 100
72 34.0 32.8 49.2
71 27.9 31.2 46.8#

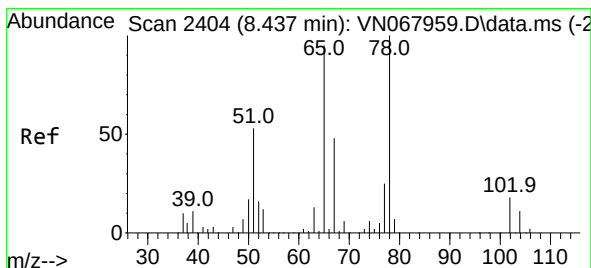
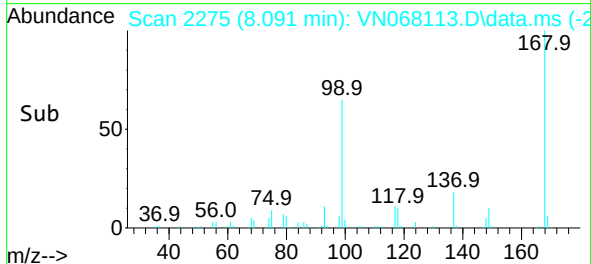
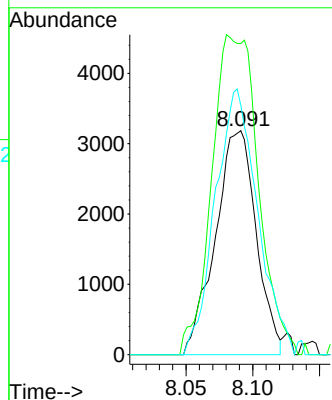
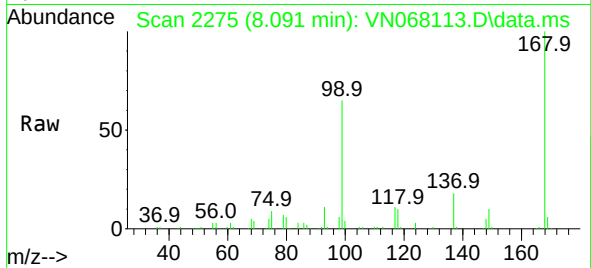




#31
Cyclohexane
Concen: 1.276 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

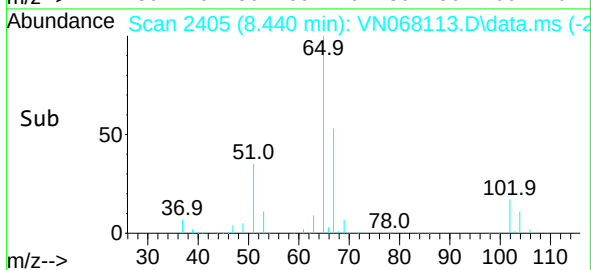
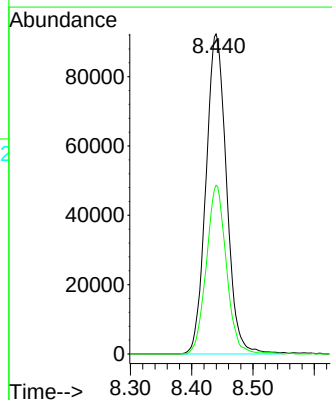
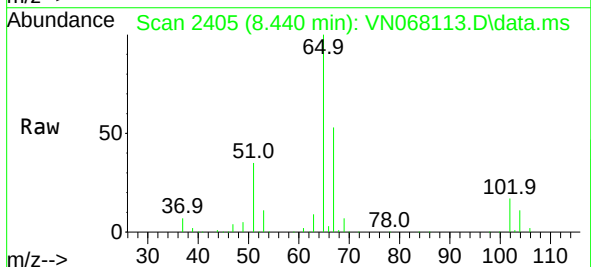
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

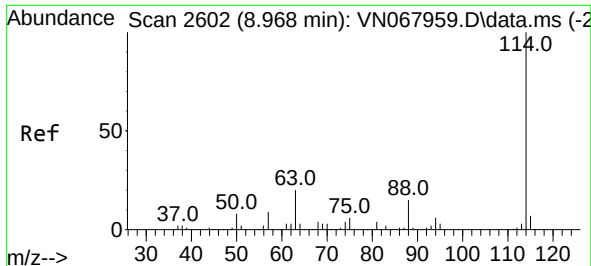
Tgt Ion: 56 Resp: 6789
Ion Ratio Lower Upper
56 100
69 138.9 27.3 40.9#
84 111.3 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 59.714 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 65 Resp: 215309
Ion Ratio Lower Upper
65 100
67 51.0 0.0 98.6

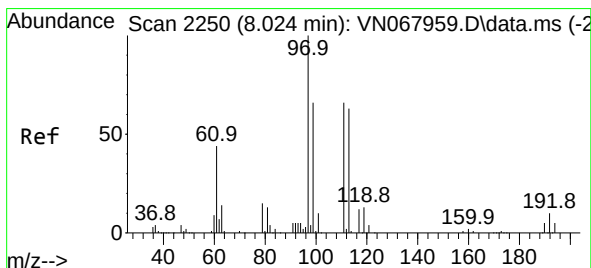
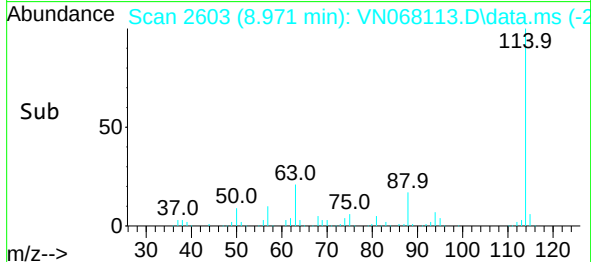
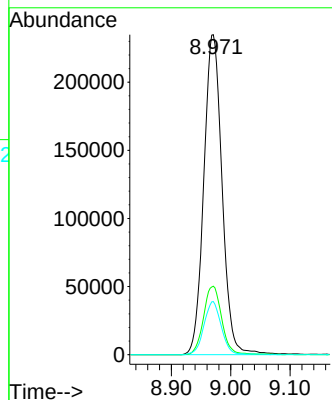
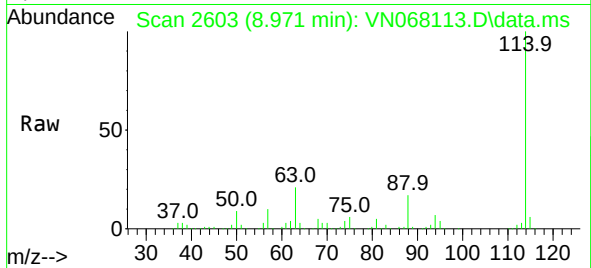




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

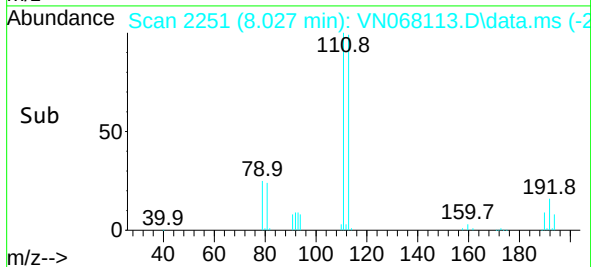
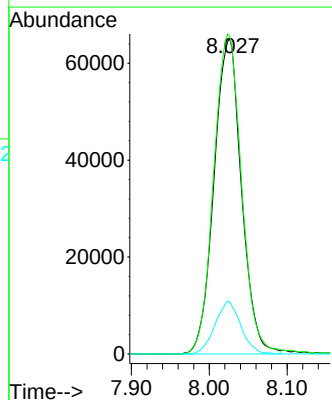
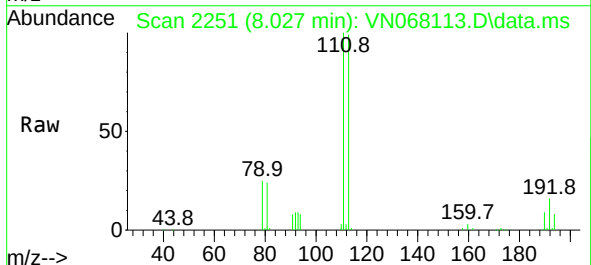
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

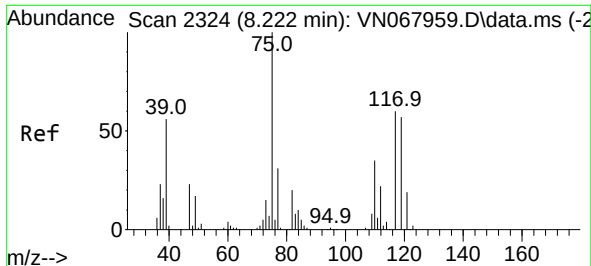
Tgt Ion:114 Resp: 501601
Ion Ratio Lower Upper
114 100
63 21.4 0.0 49.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.230 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion:113 Resp: 158527
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.8
192 15.7 13.4 20.0

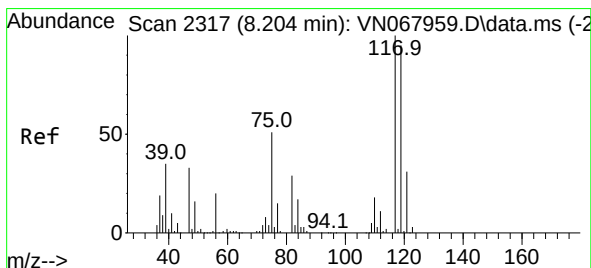
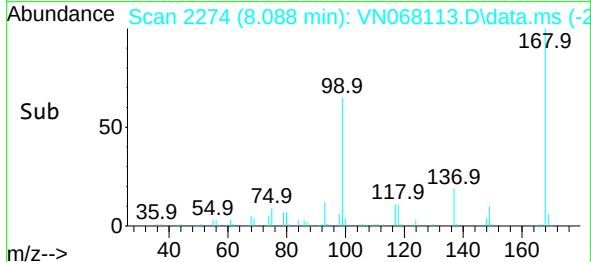
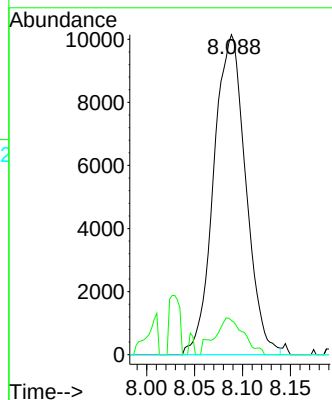
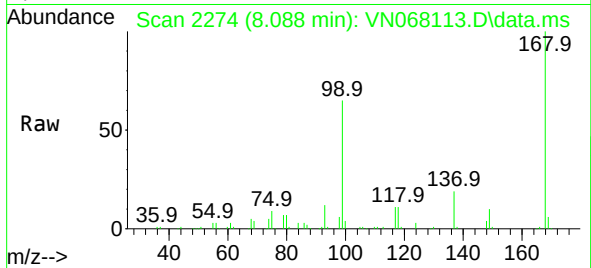




#36
 1,1-Dichloropropene
 Concen: 5.078 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.134 min
 Lab File: VN068113.D
 Acq: 16 Aug 2021 14:09

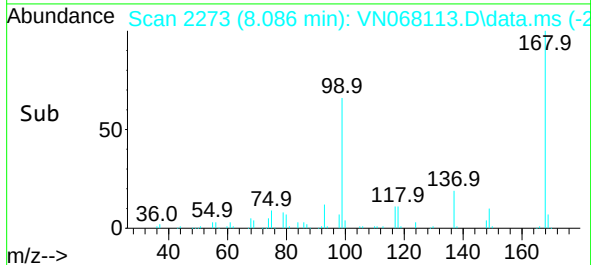
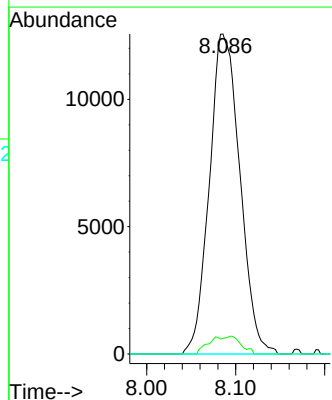
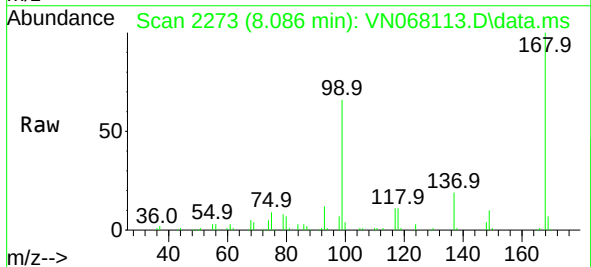
Instrument :
 MSVOA_N
 ClientSampleId :
 PB138399ZHE#02

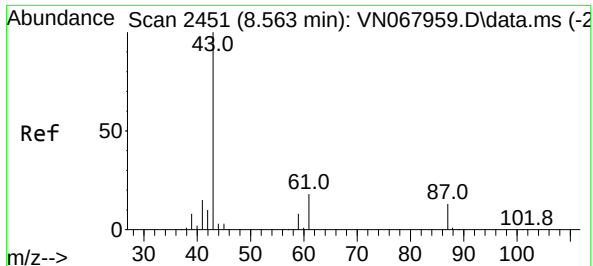
Tgt Ion: 75 Resp: 23562
 Ion Ratio Lower Upper
 75 100
 110 9.1 15.7 47.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.563 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.118 min
 Lab File: VN068113.D
 Acq: 16 Aug 2021 14:09

Tgt Ion: 117 Resp: 29946
 Ion Ratio Lower Upper
 117 100
 119 4.9 75.4 113.2#
 121 0.0 23.5 35.3#

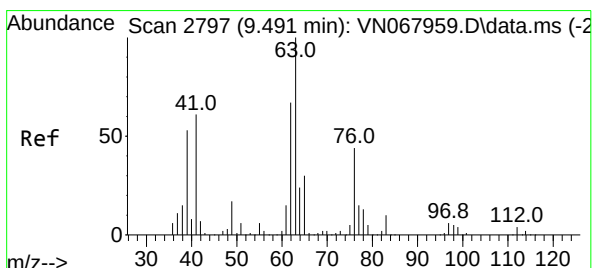
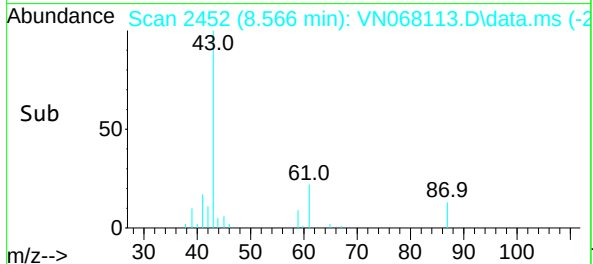
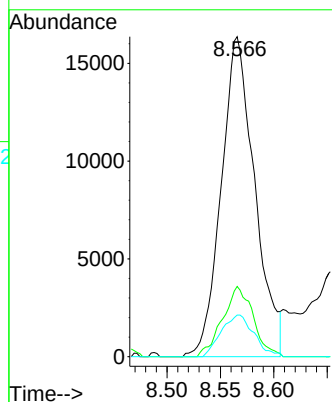
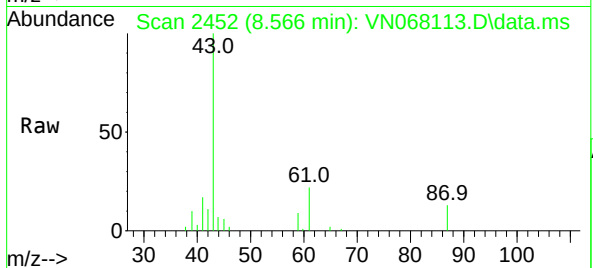




#43
Isopropyl Acetate
Concen: 4.906 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

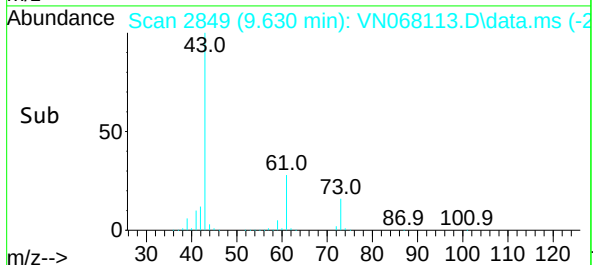
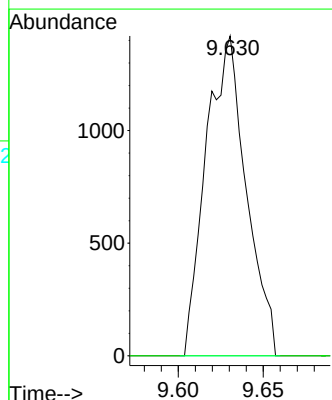
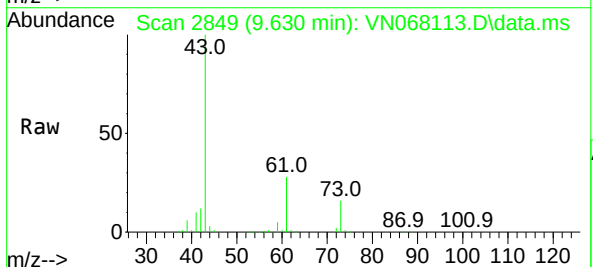
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

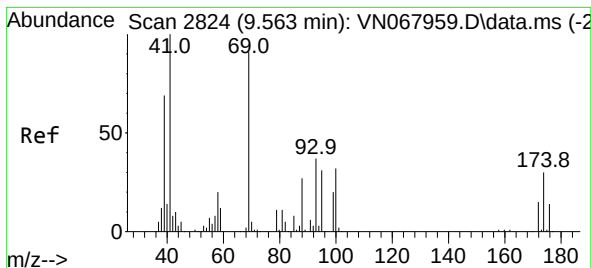
Tgt Ion: 43 Resp: 35696
Ion Ratio Lower Upper
43 100
61 20.1 19.0 28.4
87 12.7 9.5 14.3



#45
1,2-Dichloropropane
Concen: 0.684 ug/l
RT: 9.630 min Scan# 2849
Delta R.T. 0.139 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 63 Resp: 2342
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#





#48

Methyl methacrylate

Concen: 4.579 ug/l

RT: 9.545 min Scan# 2817

Delta R.T. -0.018 min

Lab File: VN068113.D

Acq: 16 Aug 2021 14:09

Tgt Ion: 41 Resp: 8649

Ion Ratio Lower Upper

41 100

69 0.0 64.6 96.8#

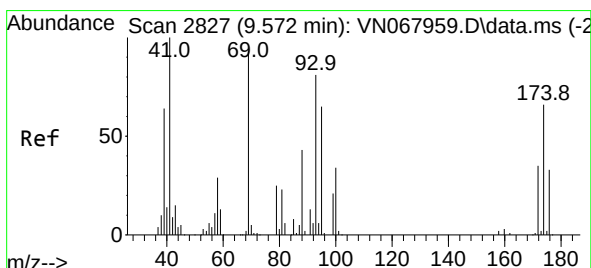
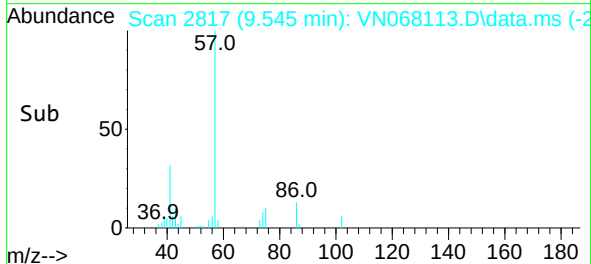
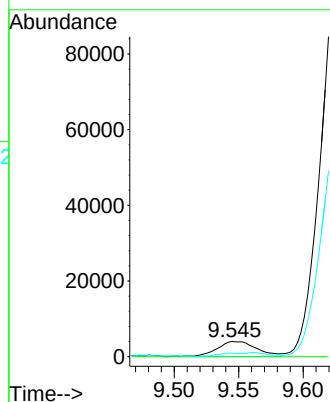
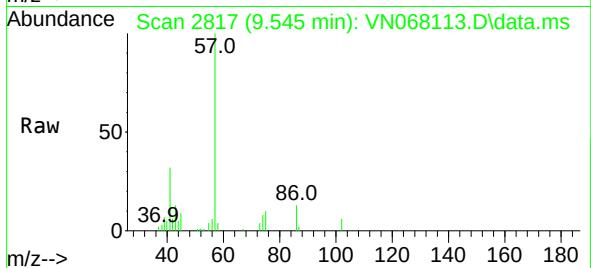
39 0.0 53.3 79.9#

Instrument :

MSVOA_N

ClientSampleId :

PB138399ZHE#02



#49

1,4-Dioxane

Concen: 1.158 ug/l

RT: 9.625 min Scan# 2847

Delta R.T. 0.053 min

Lab File: VN068113.D

Acq: 16 Aug 2021 14:09

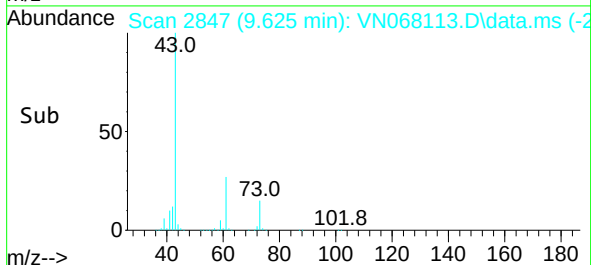
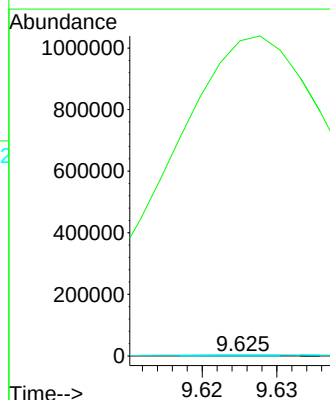
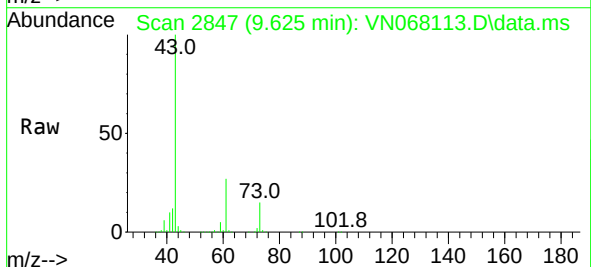
Tgt Ion: 88 Resp: 67

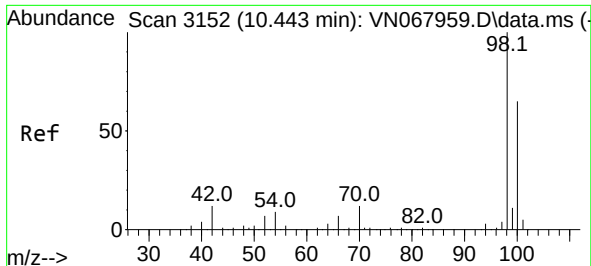
Ion Ratio Lower Upper

88 100

43 2914301.5 28.8 43.2#

58 13213.4 60.4 90.6#

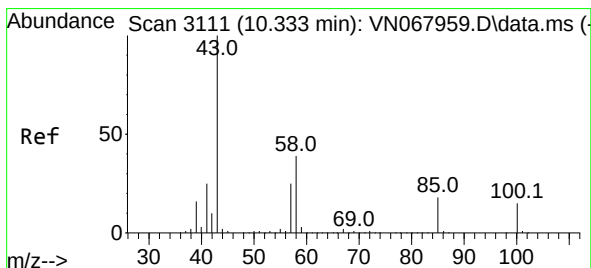
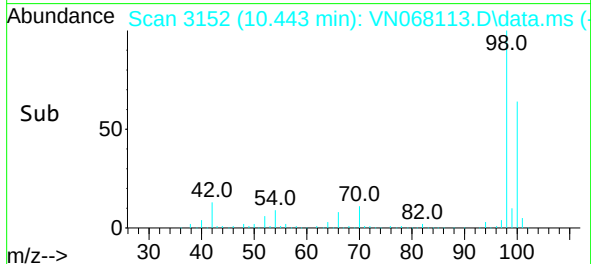
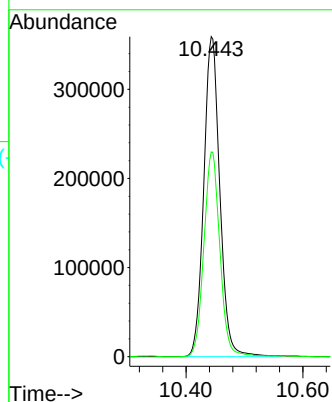
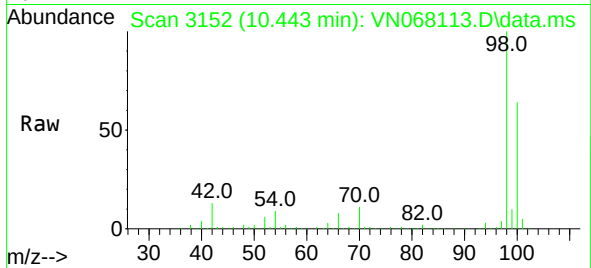




#50
Toluene-d8
Concen: 50.777 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

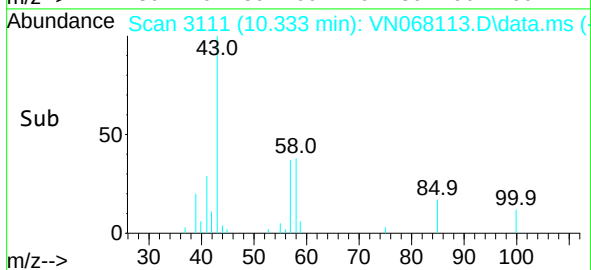
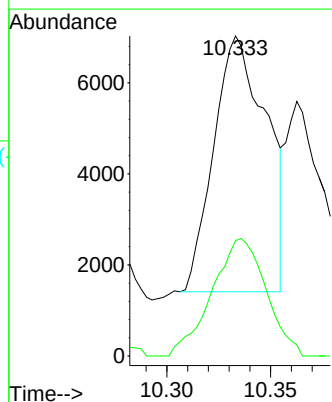
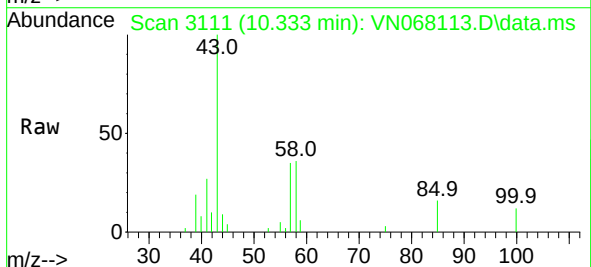
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

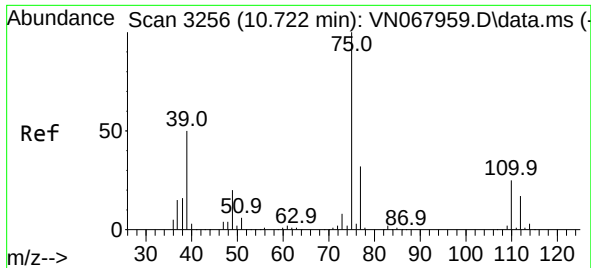
Tgt Ion: 98 Resp: 685909
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 14.339 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 43 Resp: 9896
Ion Ratio Lower Upper
43 100
58 47.1 28.6 43.0#

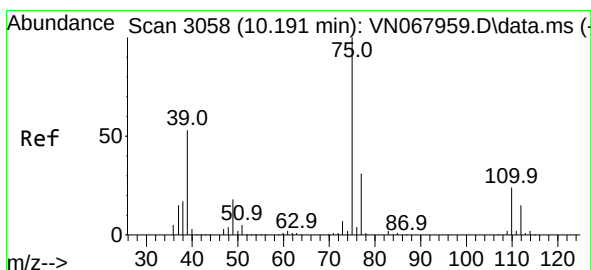
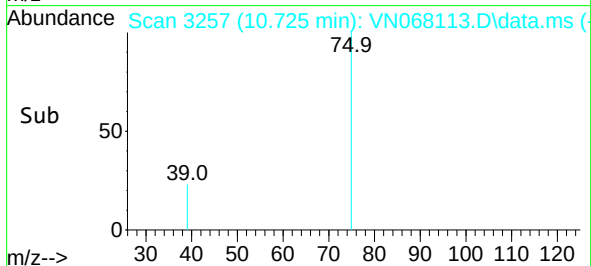
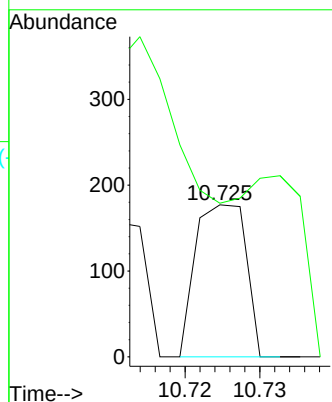
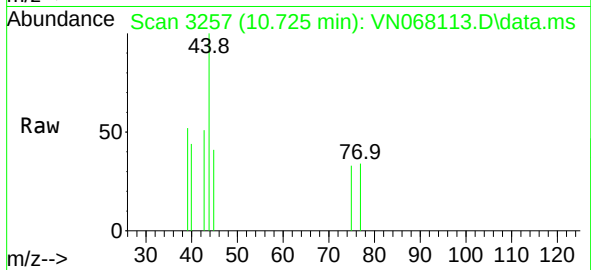




#53
t-1,3-Dichloropropene
Concen: 2.846 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

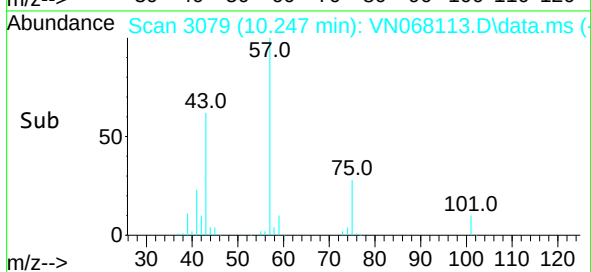
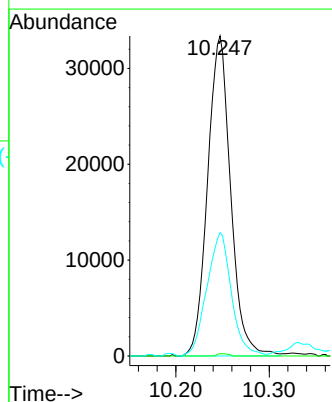
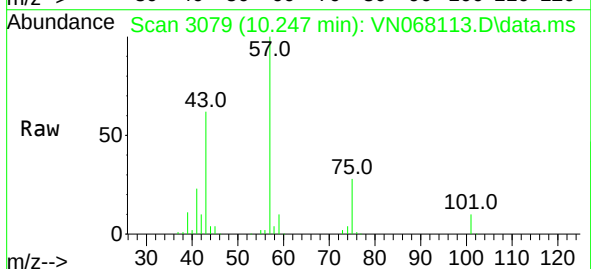
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

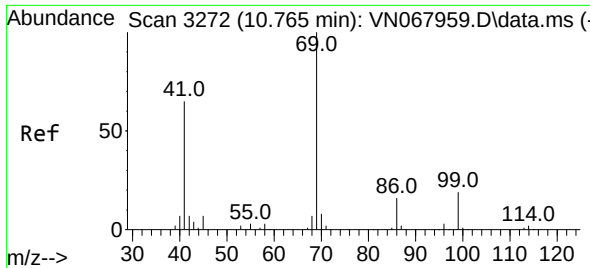
Tgt Ion: 75 Resp: 83
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 11.135 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.056 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 75 Resp: 57198
Ion Ratio Lower Upper
75 100
77 0.7 24.6 37.0#
39 38.6 50.7 76.1#

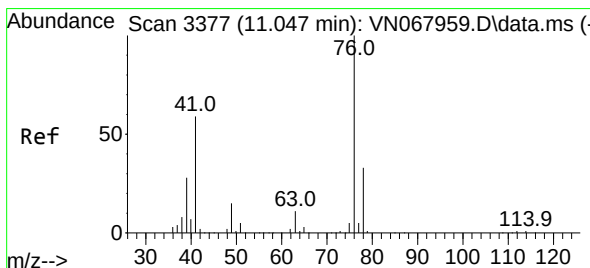
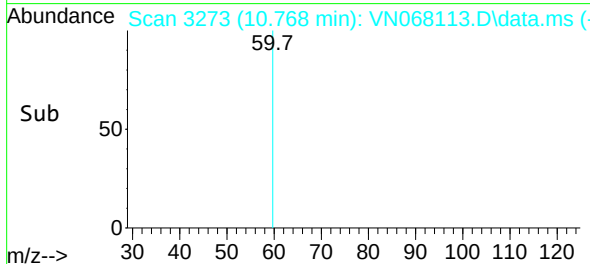
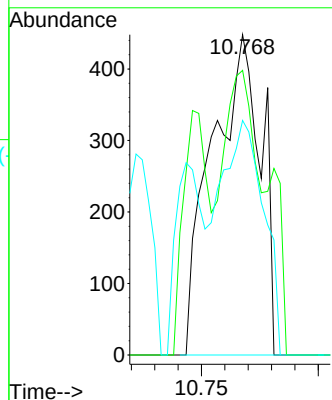
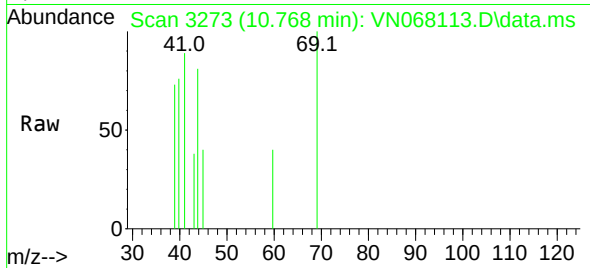




#56
Ethyl methacrylate
Concen: 3.197 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

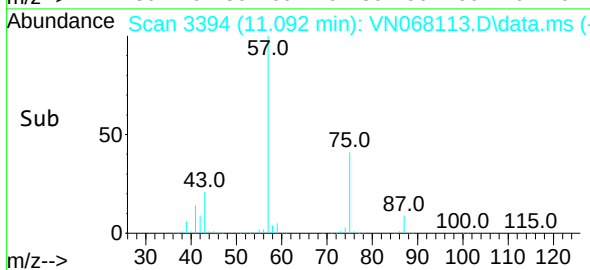
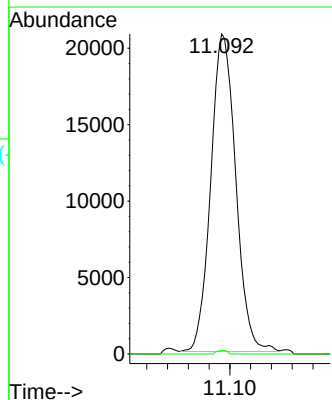
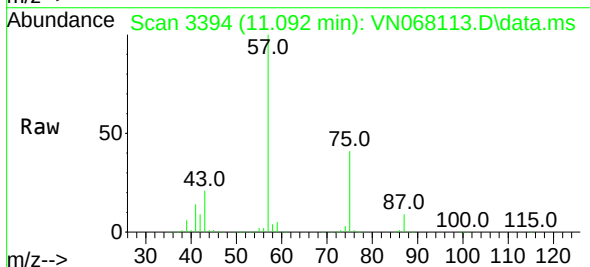
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

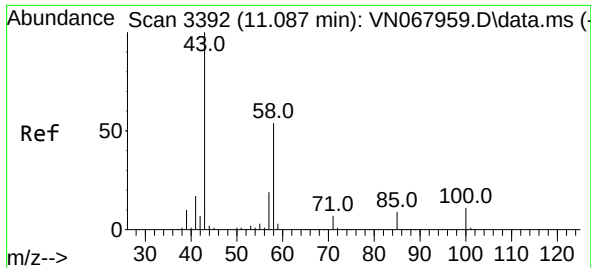
Tgt Ion: 69 Resp: 651
Ion Ratio Lower Upper
69 100
41 0.0 58.6 88.0#
39 0.0 38.3 57.5#



#57
1,3-Dichloropropane
Concen: 6.159 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.045 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 76 Resp: 34750
Ion Ratio Lower Upper
76 100
78 0.5 25.7 38.5#

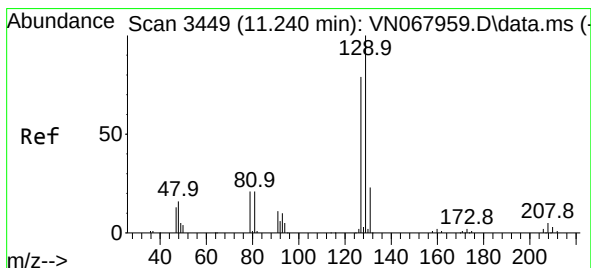
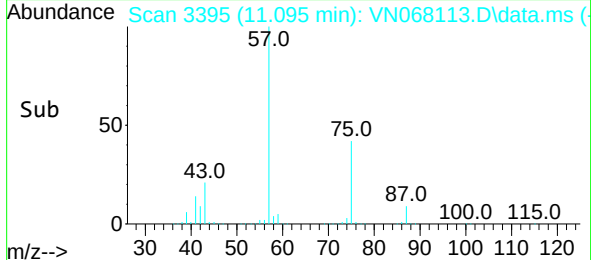
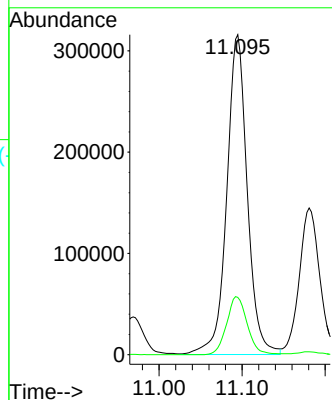
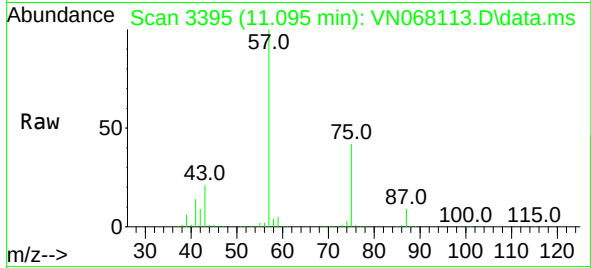




#59
2-Hexanone
Concen: 149.172 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

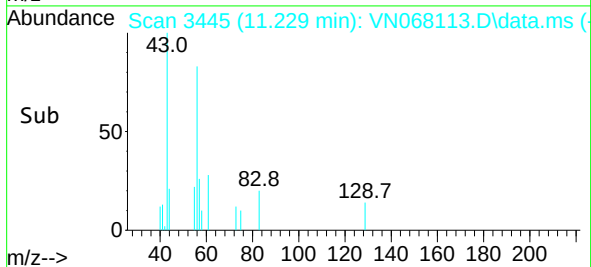
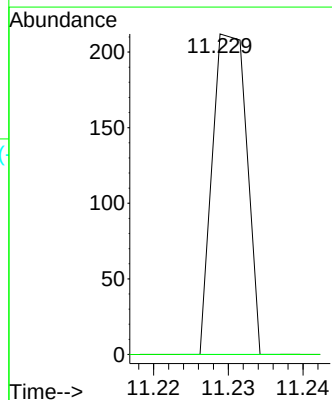
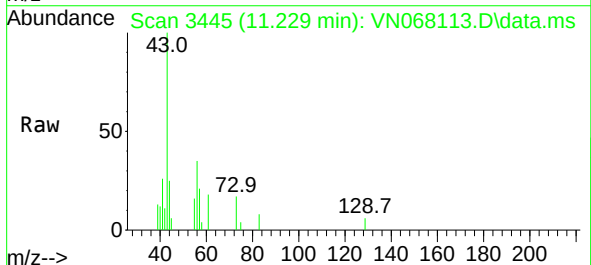
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

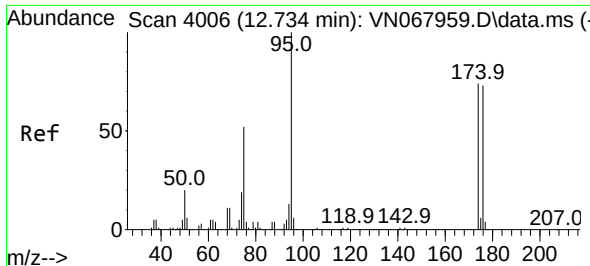
Tgt Ion: 43 Resp: 542372
Ion Ratio Lower Upper
43 100
58 18.2 24.7 74.1#



#60
Dibromochloromethane
Concen: 3.317 ug/l
RT: 11.229 min Scan# 3445
Delta R.T. -0.011 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion:129 Resp: 68
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

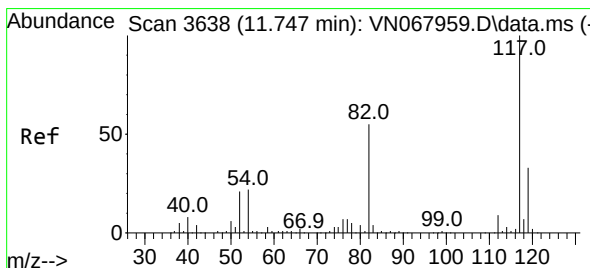
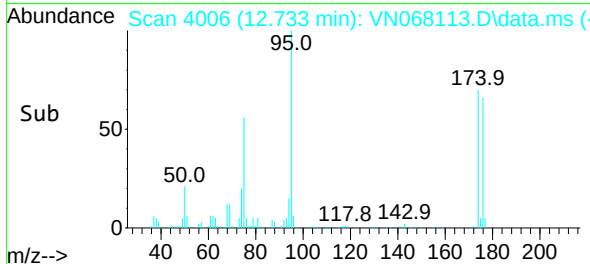
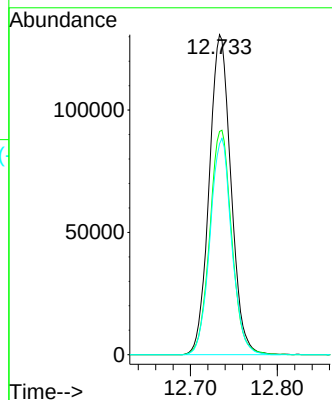
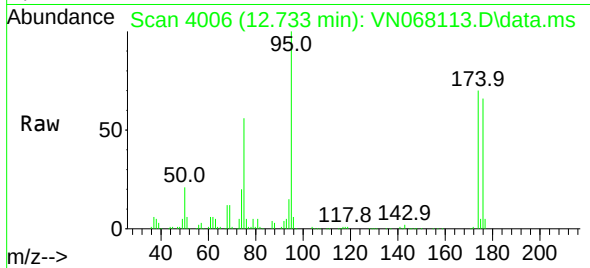




#62
4-Bromofluorobenzene
Concen: 46.458 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

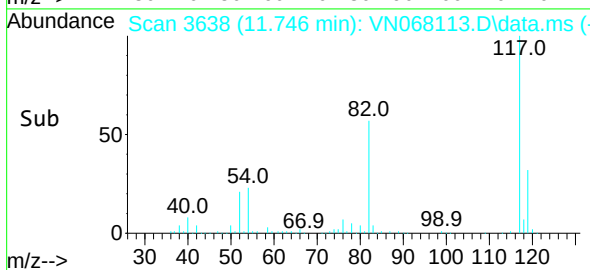
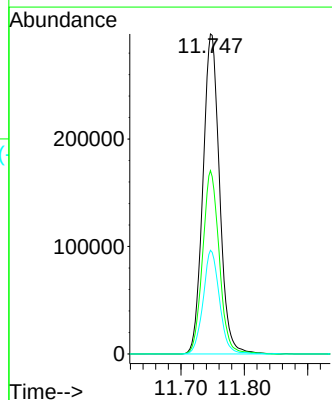
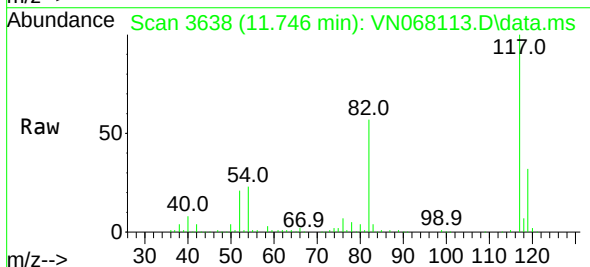
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

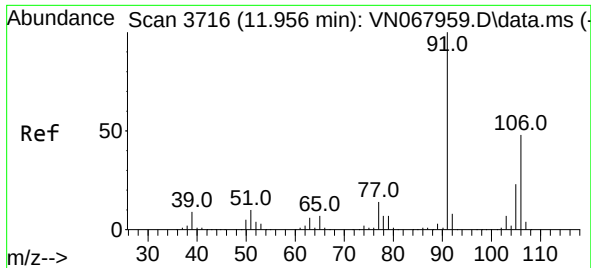
Tgt Ion: 95 Resp: 227482
Ion Ratio Lower Upper
95 100
174 70.8 0.0 122.0
176 67.2 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 117 Resp: 541899
Ion Ratio Lower Upper
117 100
82 57.3 53.1 79.7
119 32.4 25.5 38.3

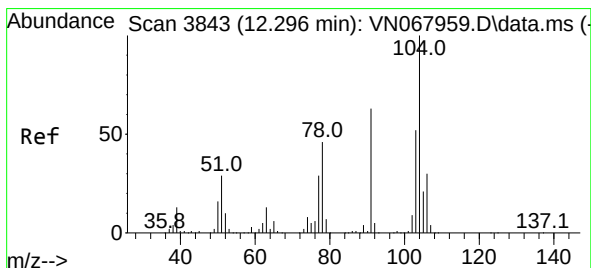
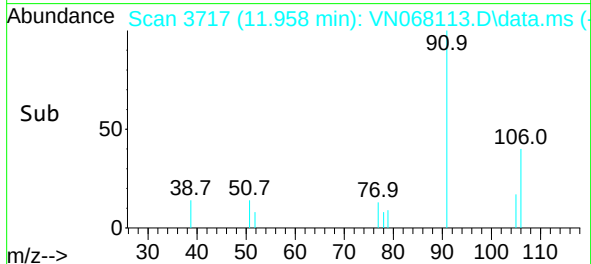
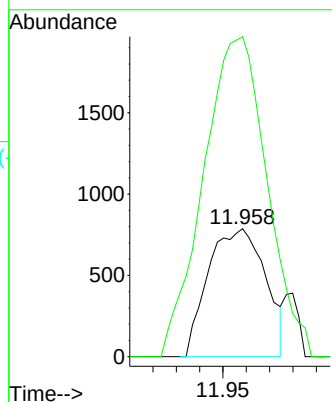
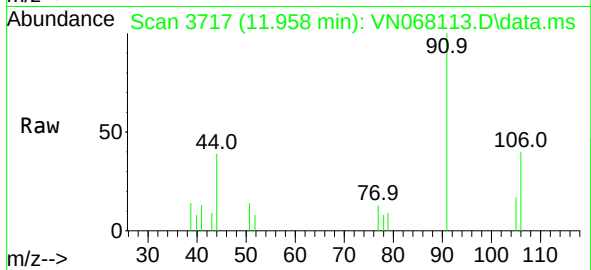




#68
m/p-Xylenes
Concen: 4.212 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.002 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

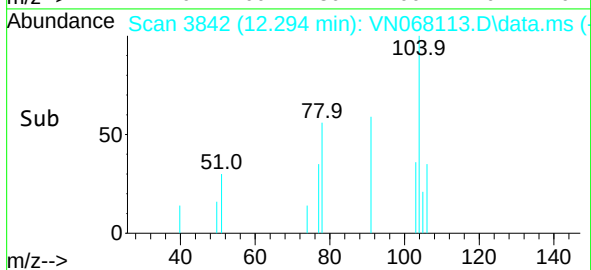
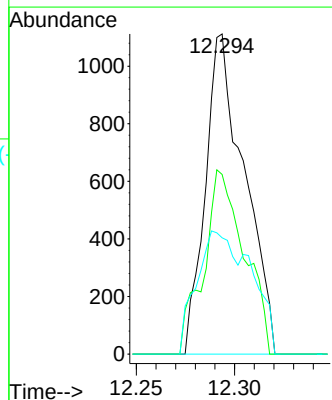
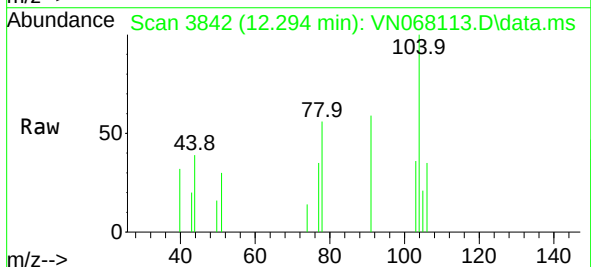
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

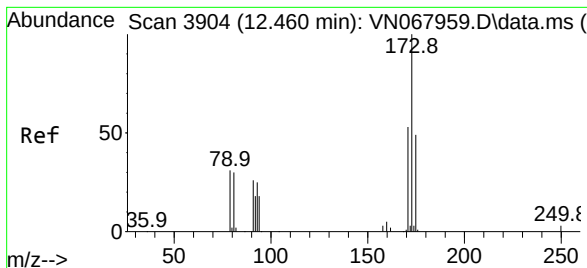
Tgt Ion:106 Resp: 1339
Ion Ratio Lower Upper
106 100
91 278.0 180.6 270.8#



#70
Styrene
Concen: 2.733 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion:104 Resp: 1530
Ion Ratio Lower Upper
104 100
78 59.9 48.2 72.2
103 37.3 44.5 66.7#

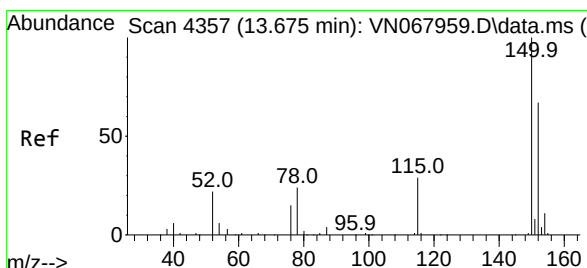
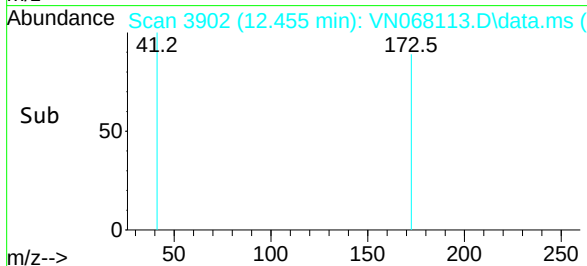
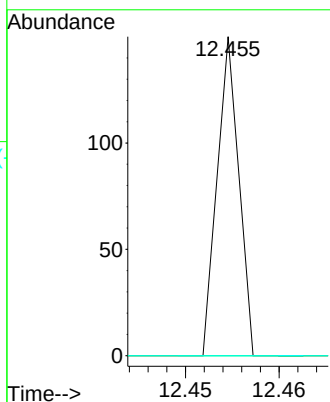
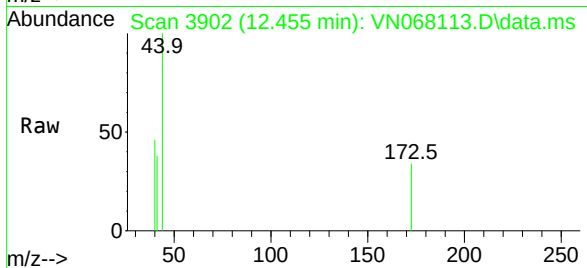




#71
Bromoform
Concen: 4.037 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.005 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

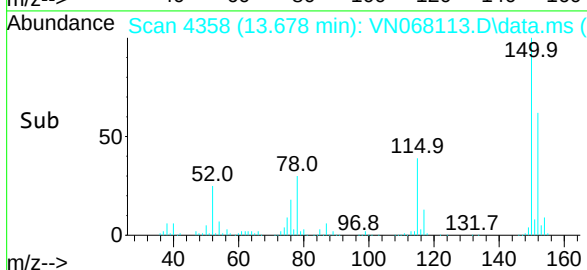
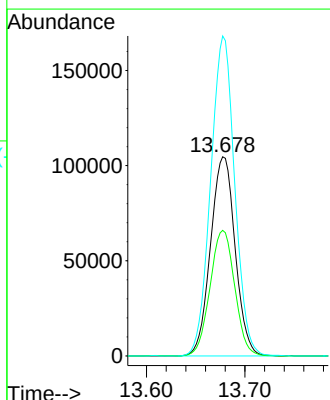
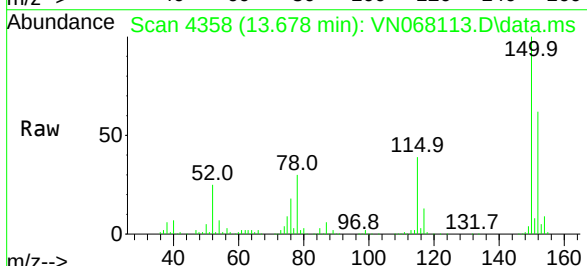
Instrument :
MSVOA_N
ClientSampleId :
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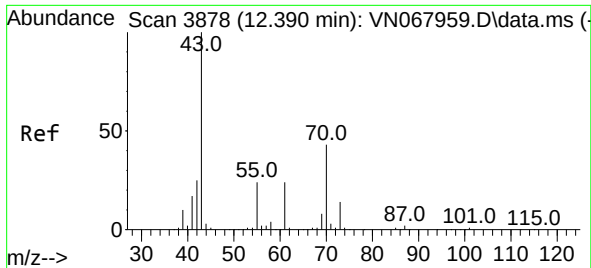
Tgt Ion:173 Resp: 24
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion:152 Resp: 182501
Ion Ratio Lower Upper
152 100
115 63.2 36.1 108.5
150 157.1 0.0 351.8

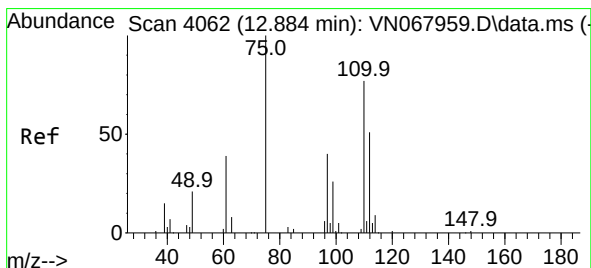
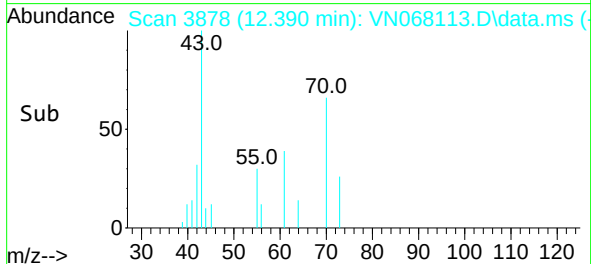
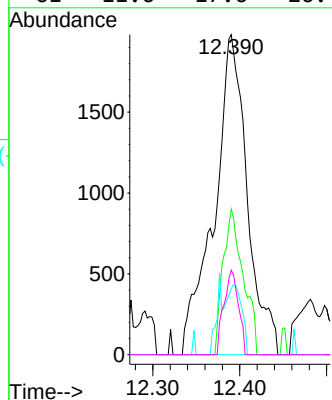
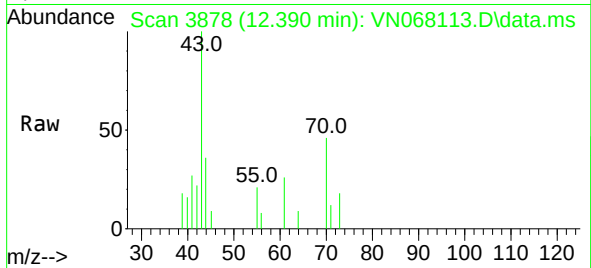




#74
N-amy1 acetate
Concen: 1.012 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

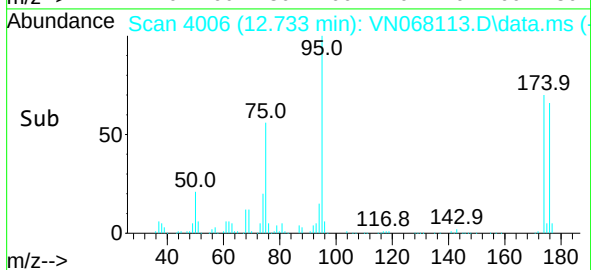
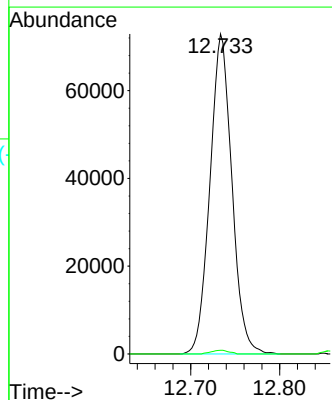
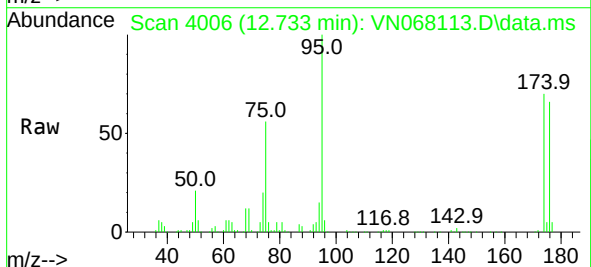
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

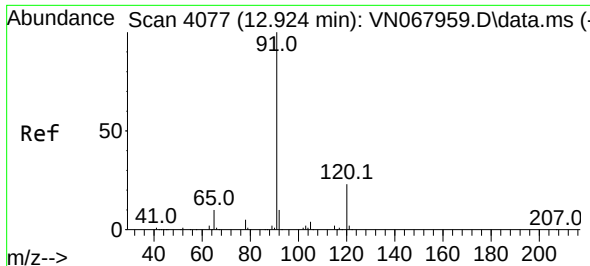
Tgt Ion:	43	Resp:	5237
Ion	Ratio	Lower	Upper
43	100		
70	27.7	29.4	44.2#
55	9.6	17.0	25.4#
61	11.6	17.6	26.4#



#76
1,2,3-Trichloropropane
Concen: 34.051 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion:	75	Resp:	124804
Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#

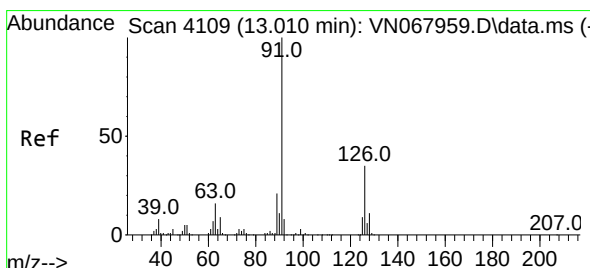
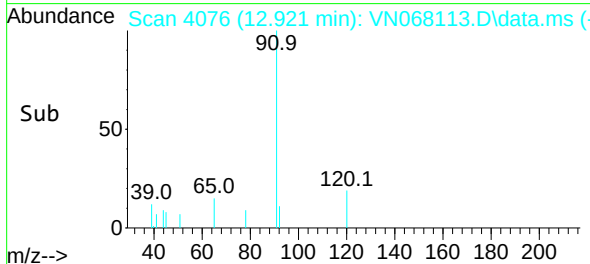
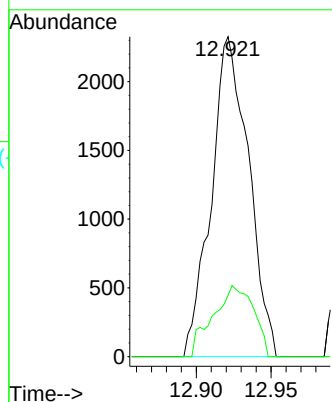
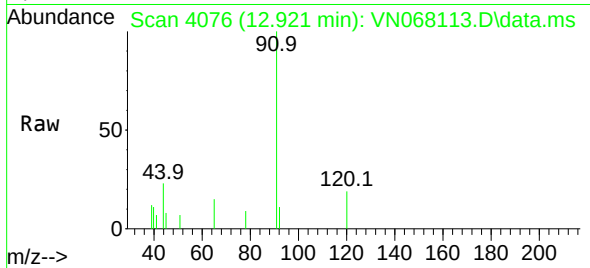




#78
n-propylbenzene
Concen: 0.241 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

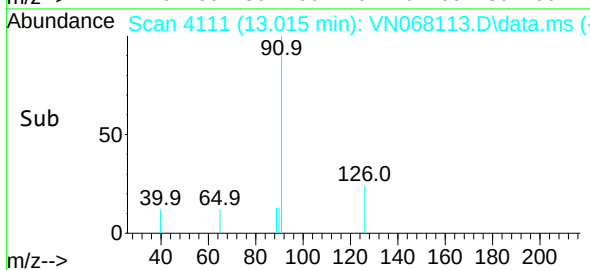
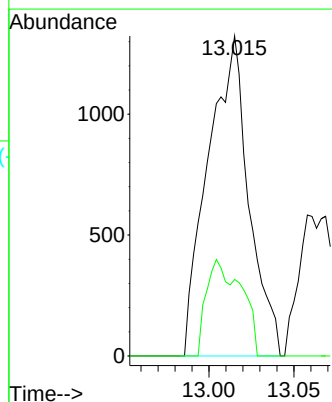
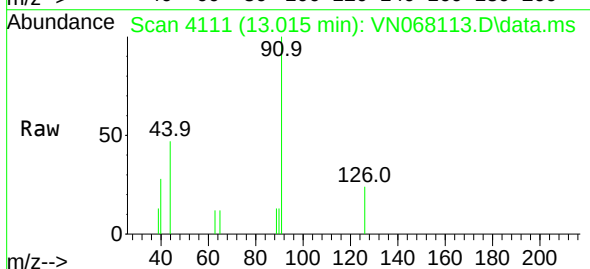
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

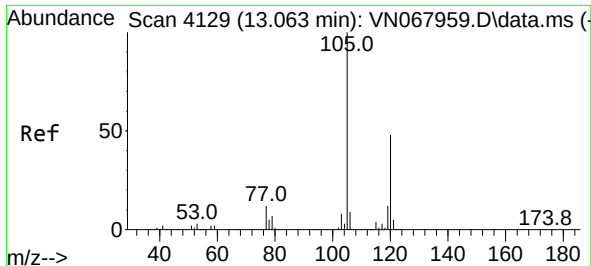
Tgt Ion: 91 Resp: 4043
Ion Ratio Lower Upper
91 100
120 24.0 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.216 ug/l
RT: 13.015 min Scan# 4111
Delta R.T. 0.005 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 91 Resp: 2212
Ion Ratio Lower Upper
91 100
126 16.0 14.5 43.5

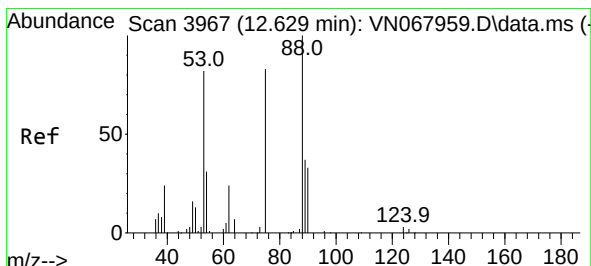
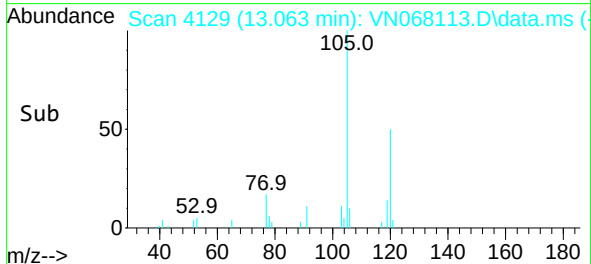
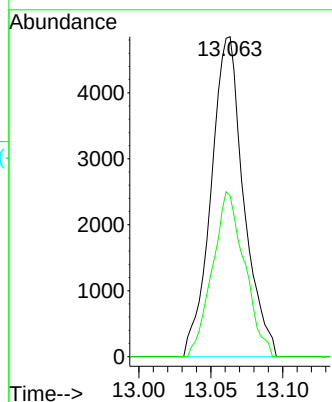
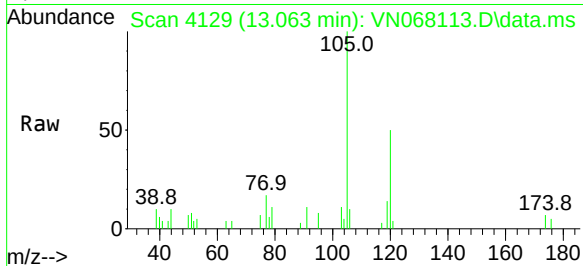




#80
1,3,5-Trimethylbenzene
Concen: 0.633 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.000 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

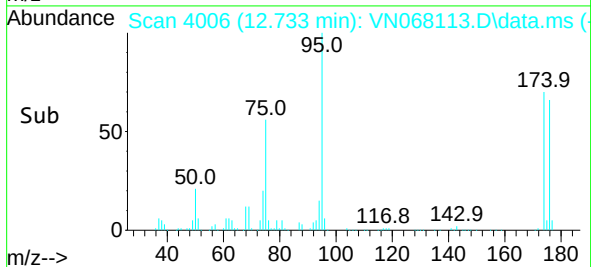
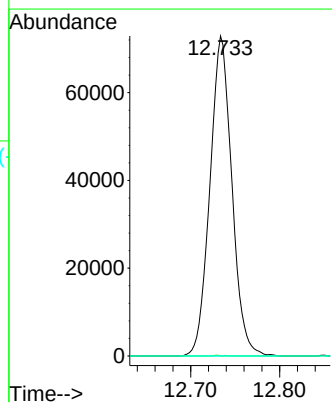
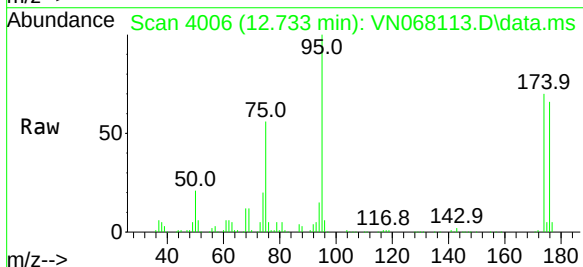
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

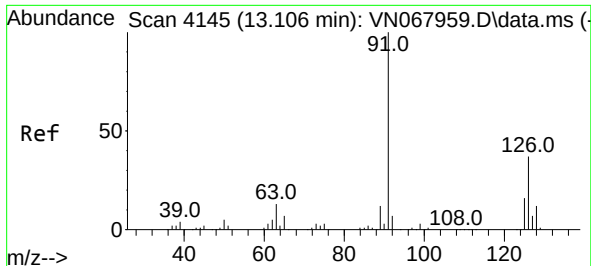
Tgt Ion:105 Resp: 7642
Ion Ratio Lower Upper
105 100
120 50.8 22.2 66.6



#81
trans-1,4-Dichloro-2-butene
Concen: 91.273 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 75 Resp: 124804
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

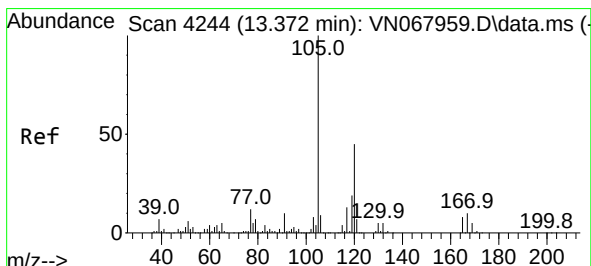
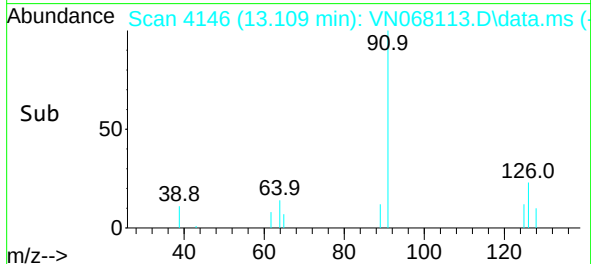
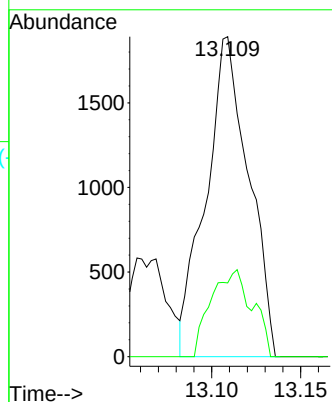
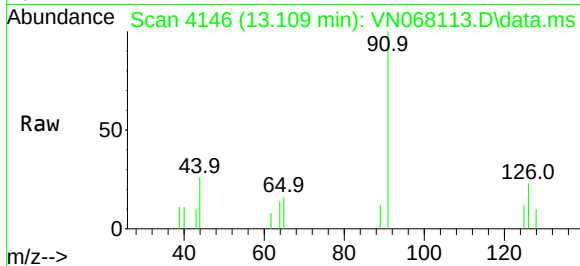




#82
4-Chlorotoluene
Concen: 0.307 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

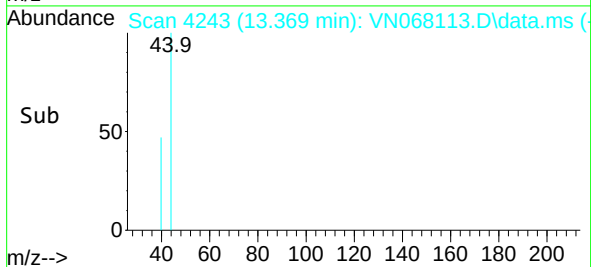
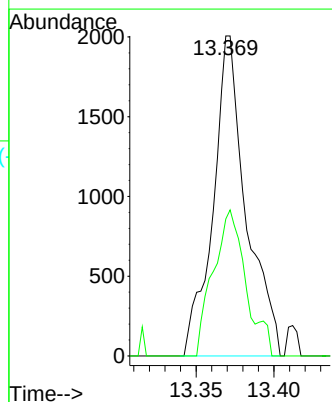
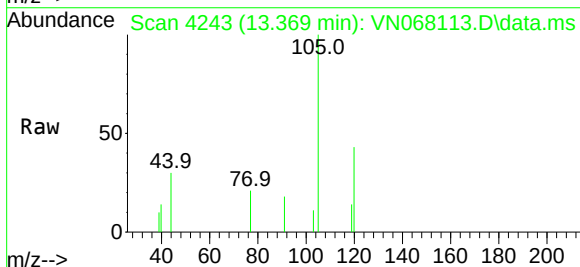
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02

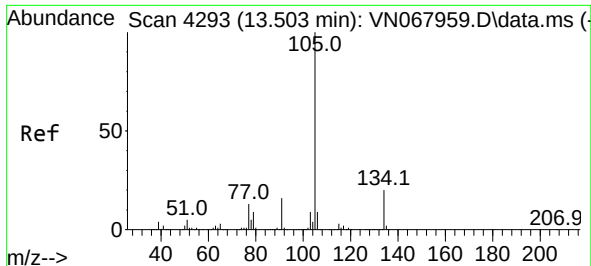
Tgt Ion: 91 Resp: 3154
Ion Ratio Lower Upper
91 100
126 26.3 14.8 44.4



#84
1,2,4-Trimethylbenzene
Concen: 0.253 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion: 105 Resp: 2962
Ion Ratio Lower Upper
105 100
120 45.1 20.6 61.8

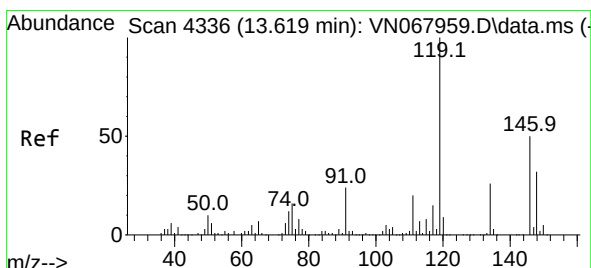
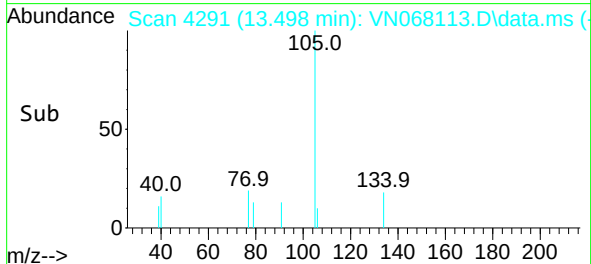
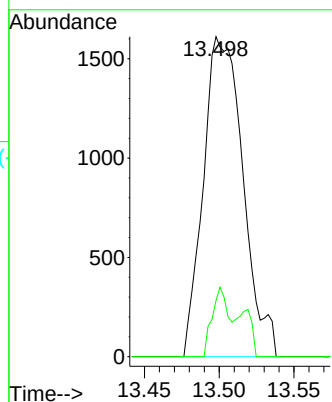
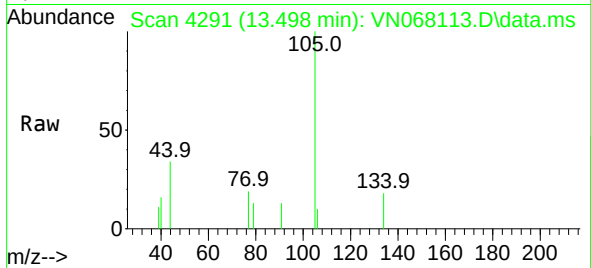




#85
 sec-Butylbenzene
 Concen: 0.211 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.005 min
 Lab File: VN068113.D
 Acq: 16 Aug 2021 14:09

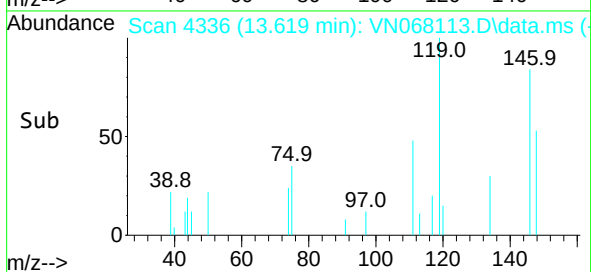
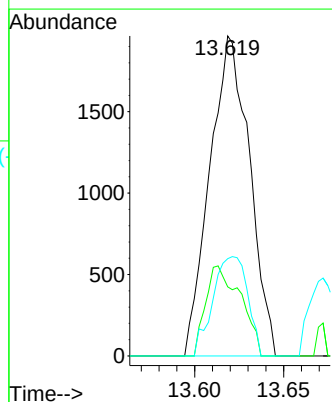
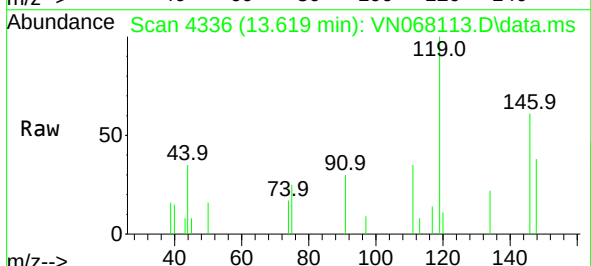
Instrument :
 MSVOA_N
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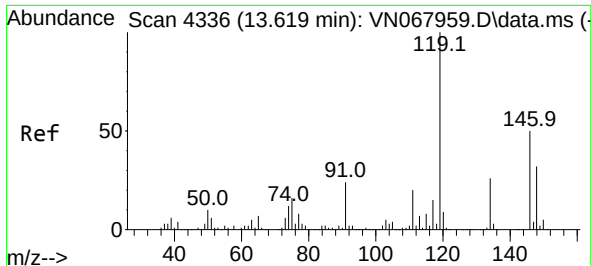
Tgt Ion:105 Resp: 2967
 Ion Ratio Lower Upper
 105 100
 134 8.9 9.0 27.1#



#86
 p-Isopropyltoluene
 Concen: 0.273 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN068113.D
 Acq: 16 Aug 2021 14:09

Tgt Ion:119 Resp: 3048
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.4 37.4
 91 27.1 14.8 44.3

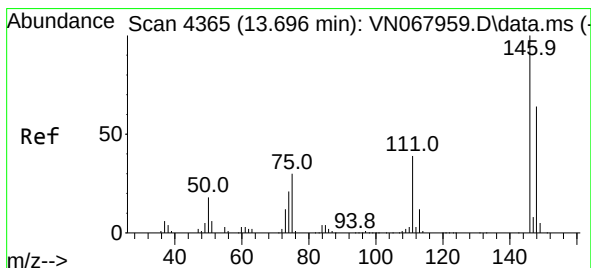
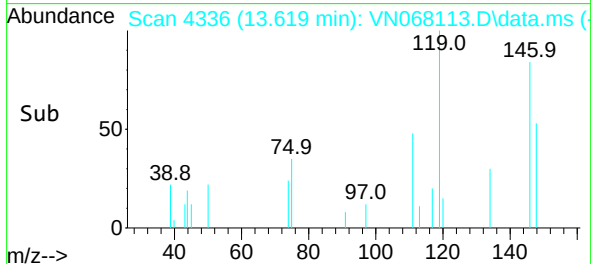
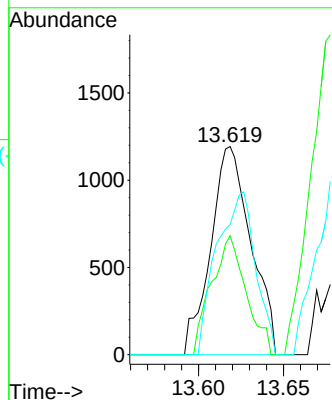
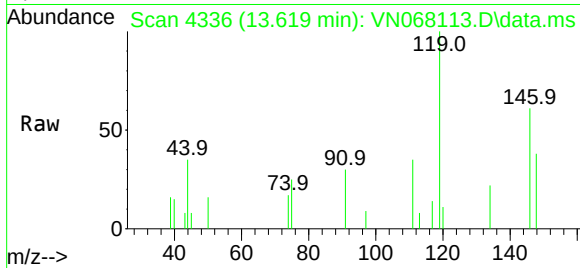




#87
1,3-Dichlorobenzene
Concen: 0.313 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

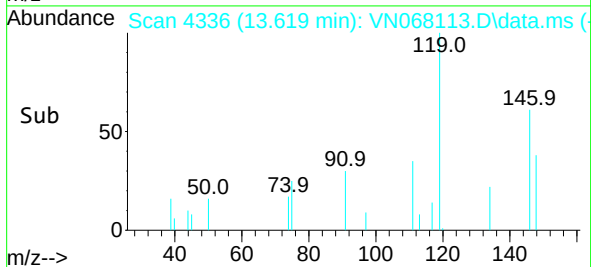
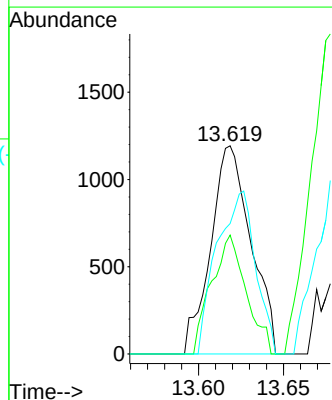
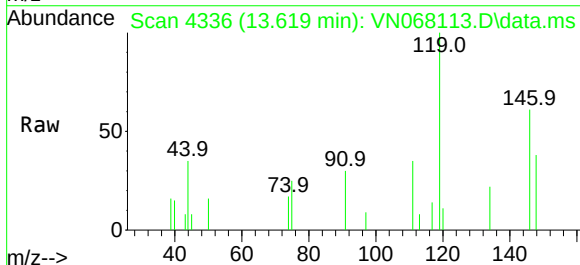
Instrument :
MSVOA_N
ClientSampleId :
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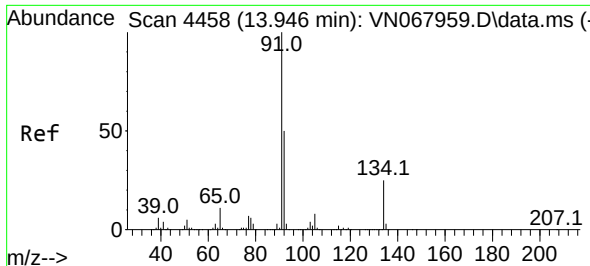
Tgt Ion:146 Resp: 1966
Ion Ratio Lower Upper
146 100
111 49.1 24.3 72.8
148 74.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.317 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.077 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion:146 Resp: 1966
Ion Ratio Lower Upper
146 100
111 49.1 23.4 70.2
148 74.8 31.8 95.3

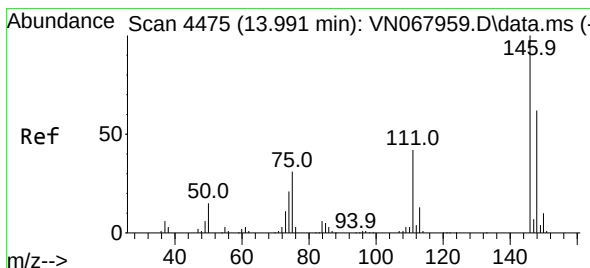
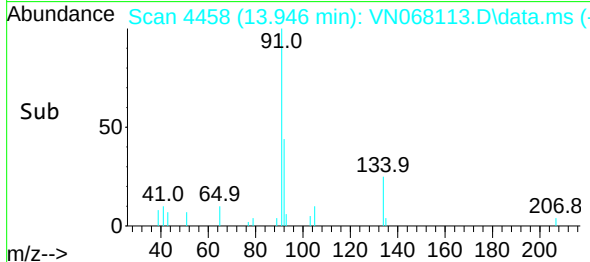
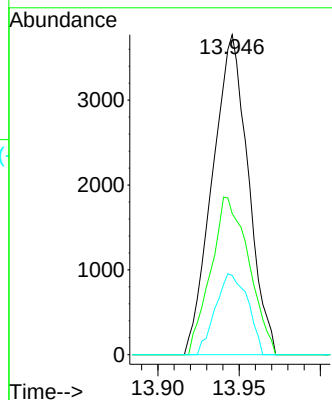
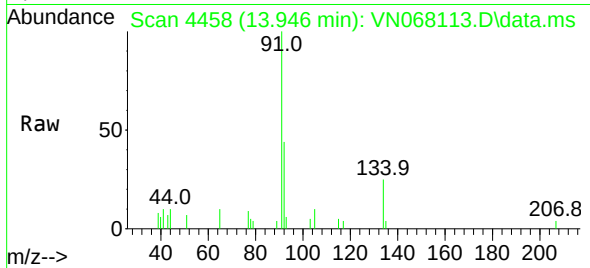




#89
n-Butylbenzene
Concen: 0.602 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

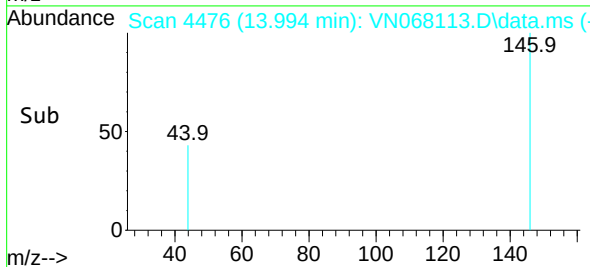
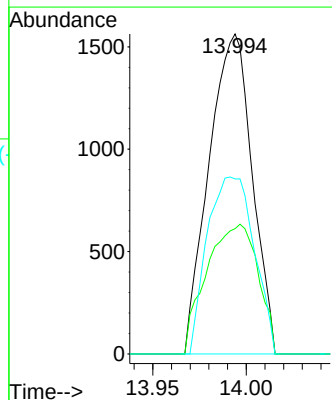
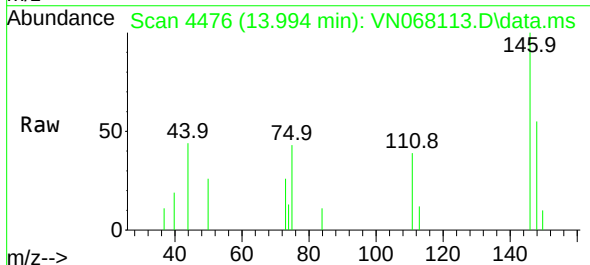
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ClientSampleId :
PB138399ZHE#02

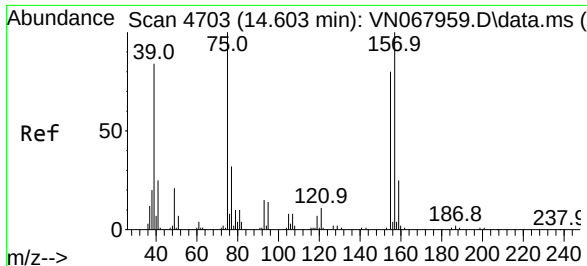
Tgt Ion:	91	Resp:	5761
Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.7	77.1
134	22.8	11.2	33.6



#91
1,2-Dichlorobenzene
Concen: 0.425 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

Tgt Ion:	146	Resp:	2513
Ion	Ratio	Lower	Upper
146	100		
111	48.1	24.9	74.6
148	60.0	31.6	95.0

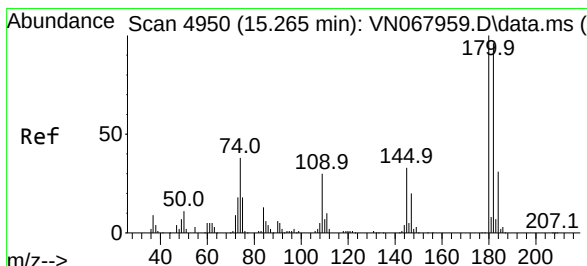
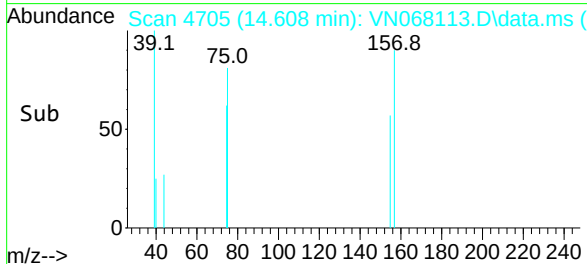
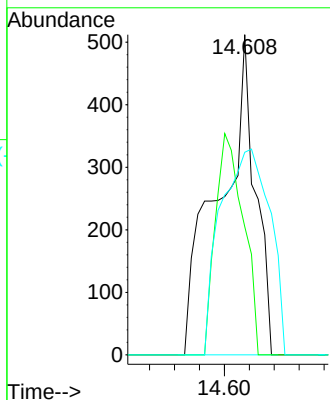
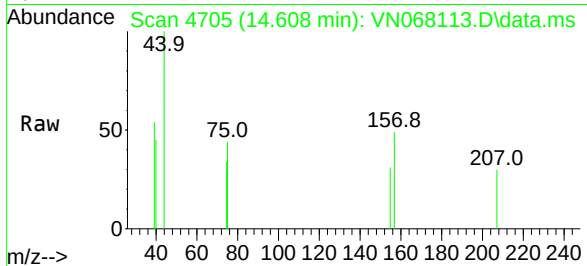




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.706 ug/l
 RT: 14.608 min Scan# 4705
 Delta R.T. 0.005 min
 Lab File: VN068113.D
 Acq: 16 Aug 2021 14:09

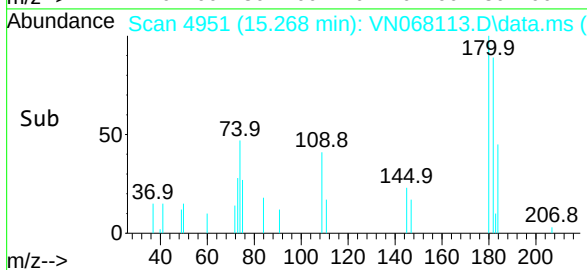
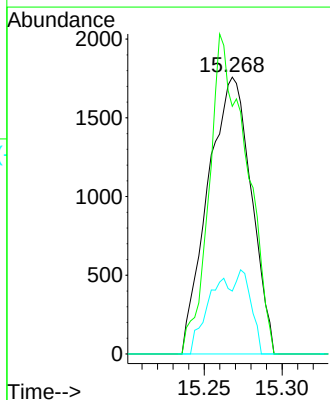
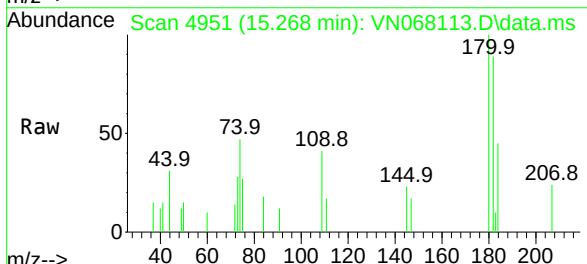
Instrument :
 MSVOA_N
 ClientSampleId :
 PB138399ZHE#02

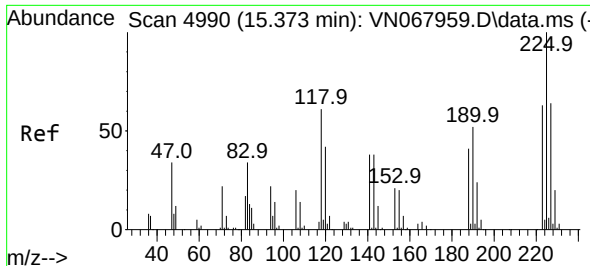
Tgt Ion: 75 Resp: 507
 Ion Ratio Lower Upper
 75 100
 155 54.2 29.8 89.5
 157 88.6 37.6 112.8



#93
 1,2,4-Trichlorobenzene
 Concen: 3.686 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN068113.D
 Acq: 16 Aug 2021 14:09

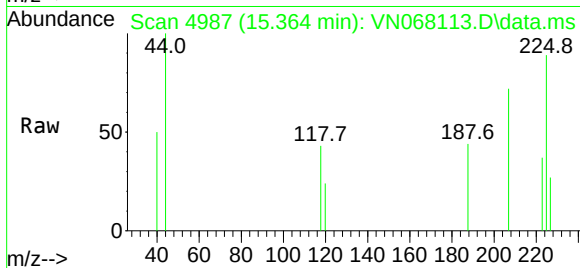
Tgt Ion: 180 Resp: 3398
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.5 142.5#
 145 11.0 17.2 51.6#



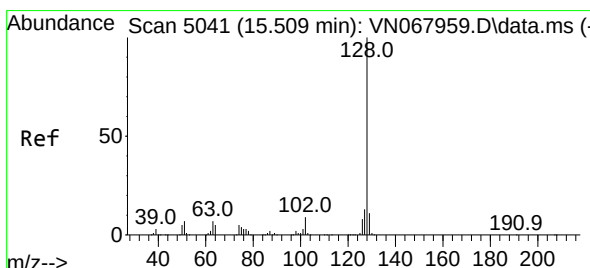
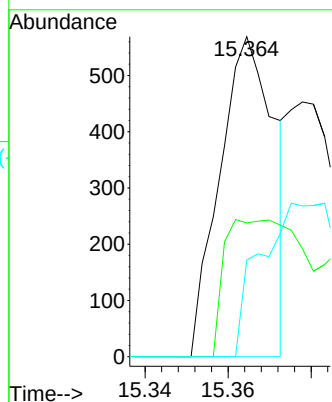
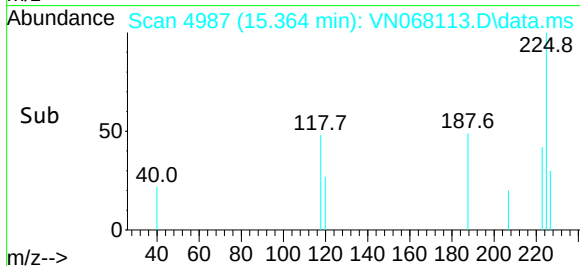


#94
Hexachlorobutadiene
Concen: 0.422 ug/l
RT: 15.364 min Scan# 4987
Delta R.T. -0.009 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09

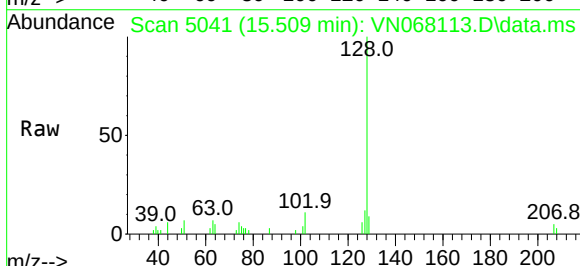
Instrument :
MSVOA_N
ClientSampleId :
PB138399ZHE#02



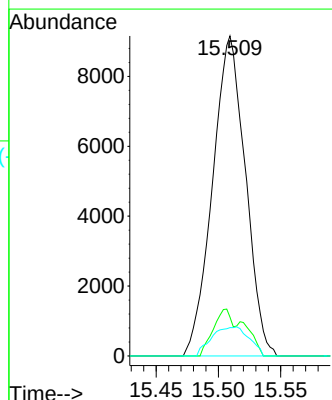
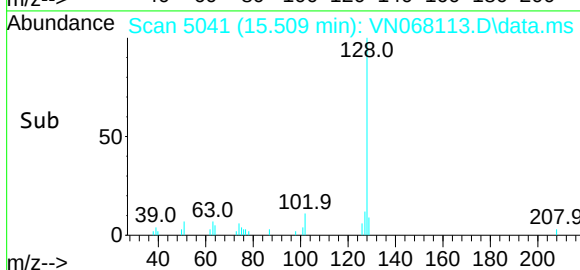
Tgt Ion:225 Resp: 519
Ion Ratio Lower Upper
225 100
223 72.1 31.4 94.0
227 62.8 31.2 93.6

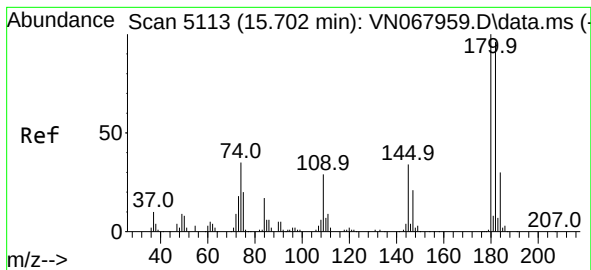


#95
Naphthalene
Concen: 5.192 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068113.D
Acq: 16 Aug 2021 14:09



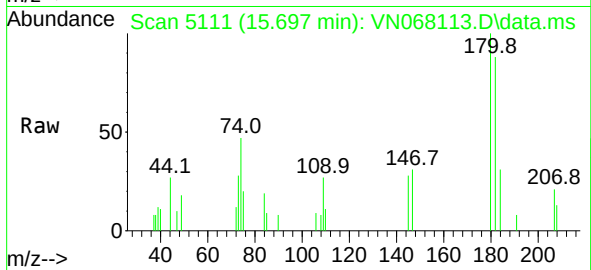
Tgt Ion:128 Resp: 16815
Ion Ratio Lower Upper
128 100
127 9.2 10.6 15.8#
129 10.3 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 3.940 ug/l
 RT: 15.697 min Scan# 5111
 Delta R.T. -0.005 min
 Lab File: VN068113.D
 Acq: 16 Aug 2021 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB138399ZHE#02



Tgt Ion:	180	Resp:	4141
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.8	143.3
145	16.8	18.2	54.6#

