

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068087.D
 Acq On : 12 Aug 2021 14:12
 Operator : JC/MD
 Sample : M3374-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 13 05:41:58 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	312773	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	582220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	593569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	229831	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	227794	51.446	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.900%	
35) Dibromofluoromethane	8.024	113	181123	53.380	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.760%	
50) Toluene-d8	10.443	98	760809	48.694	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	12.734	95	262044	46.144	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.280%	

Target Compounds			Qvalue			
3) Chloromethane	2.309	50	1554	0.390	ug/l	# 82
10) Methyl Iodide	4.414	142	530	3.239	ug/l	# 39
11) Tert butyl alcohol	5.377	59	1637	2.759	ug/l	# 71
13) Acrolein	4.049	56	159	0.395	ug/l	# 14
15) Acrylonitrile	5.581	53	867	0.521	ug/l	# 65
16) Acetone	4.293	43	104073	64.417	ug/l	93
17) Carbon Disulfide	4.524	76	3423	0.398	ug/l	97
18) Methyl Acetate	4.857	43	1819	0.367	ug/l	# 68
20) Methylene Chloride	5.095	84	209	Below Cal	#	3
23) Vinyl Acetate	6.444	43	406	8.837	ug/l	# 75
25) 2-Butanone	7.351	43	16834	7.182	ug/l	95
29) Tetrahydrofuran	7.694	42	17328	11.545	ug/l	# 80
30) Chloroform	8.099	83	4060	0.567	ug/l	93
31) Cyclohexane	8.094	56	89957	13.772	ug/l	# 87
36) 1,1-Dichloropropene	8.091	75	26755	4.968	ug/l	# 52
37) Ethyl Acetate	7.351	43	16834	3.321	ug/l	# 69
38) Carbon Tetrachloride	8.086	117	34020	6.423	ug/l	# 17
39) Methylcyclohexane	9.462	83	66481	11.423	ug/l	94
40) Benzene	8.461	78	183890	11.534	ug/l	100
41) Methacrylonitrile	7.694	41	11662	4.830	ug/l	# 37
42) 1,2-Dichloroethane	8.456	62	1855	0.315	ug/l	80
43) Isopropyl Acetate	8.552	43	9525	1.128	ug/l	# 58
47) Bromodichloromethane	9.636	83	1383	0.253	ug/l	# 26
48) Methyl methacrylate	9.647	41	5533	3.558	ug/l	# 45
49) 1,4-Dioxane	9.582	88	51	0.759	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.336	43	7330	13.698	ug/l	90
52) Toluene	10.513	92	3529	0.341	ug/l	88
53) t-1,3-Dichloropropene	10.722	75	439	2.893	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	115	2.370	ug/l	# 37
55) 1,1,2-Trichloroethane	10.878	97	9787	2.437	ug/l	# 19
56) Ethyl methacrylate	10.770	69	1008	3.230	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	10.046	63	87	23.489	ug/l	# 50
59) 2-Hexanone	11.089	43	5281	14.428	ug/l	# 46
60) Dibromochloromethane	10.982	129	127	3.326	ug/l	# 11
68) m/p-Xylenes	11.950	106	10776	5.163	ug/l	86
69) o-Xylene	12.283	106	6237	0.789	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

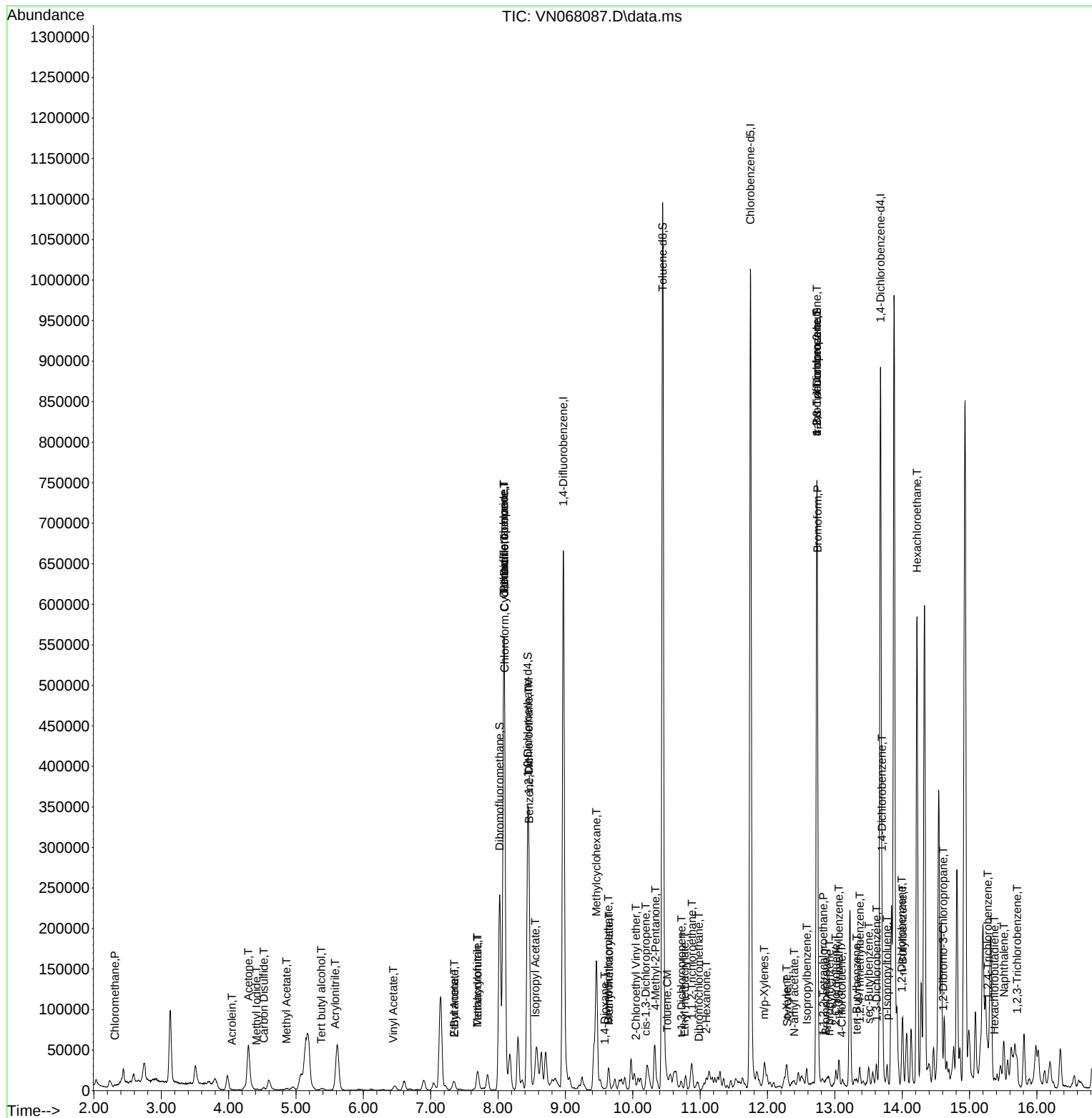
70) Styrene	12.296	104	4295	2.893	ug/l #	75
71) Bromoform	12.742	173	330	4.111	ug/l #	1
73) Isopropylbenzene	12.583	105	12297	0.656	ug/l	100
74) N-amyl acetate	12.396	43	3697	0.567	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.830	83	1660	0.293	ug/l #	92
76) 1,2,3-Trichloropropane	12.734	75	143595	31.110	ug/l #	100
77) Bromobenzene	12.865	156	946	0.220	ug/l	70
78) n-propylbenzene	12.921	91	5909	0.279	ug/l	98
79) 2-Chlorotoluene	13.015	91	4246	0.329	ug/l	74
80) 1,3,5-Trimethylbenzene	13.061	105	12040	0.792	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.734	75	143595	83.702	ug/l #	6
82) 4-Chlorotoluene	13.104	91	4253	0.328	ug/l	94
83) tert-Butylbenzene	13.324	119	3806	0.301	ug/l	83
84) 1,2,4-Trimethylbenzene	13.369	105	12876	0.874	ug/l	94
85) sec-Butylbenzene	13.503	105	14688	0.831	ug/l	87
86) p-Isopropyltoluene	13.774	119	9806	0.697	ug/l	89
87) 1,3-Dichlorobenzene	13.621	146	2828	0.358	ug/l #	76
88) 1,4-Dichlorobenzene	13.699	146	5030	0.644	ug/l #	51
89) n-Butylbenzene	14.007	91	7755	0.643	ug/l #	1
90) Hexachloroethane	14.219	117	31494	13.092	ug/l #	16
91) 1,2-Dichlorobenzene	13.994	146	3675	0.494	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.608	75	1019	1.126	ug/l	71
93) 1,2,4-Trichlorobenzene	15.271	180	7653	4.647	ug/l #	80
94) Hexachlorobutadiene	15.370	225	937	0.606	ug/l	93
95) Naphthalene	15.509	128	46273	7.648	ug/l	97
96) 1,2,3-Trichlorobenzene	15.705	180	9020	5.088	ug/l #	81

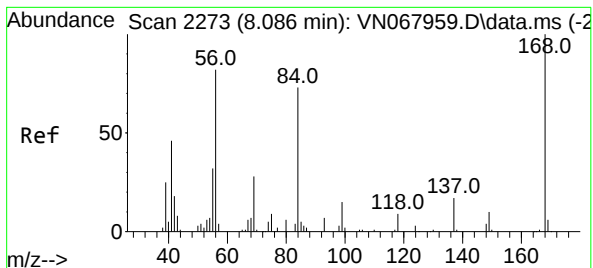
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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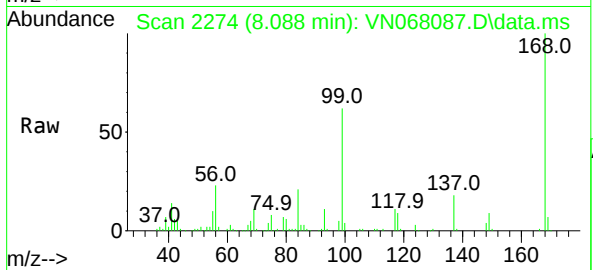
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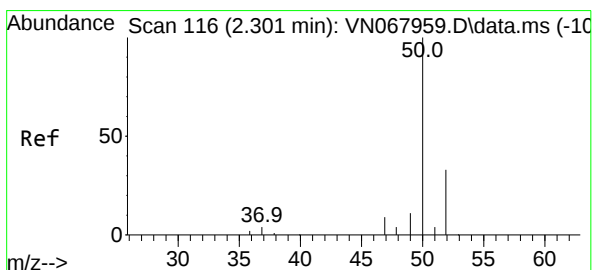
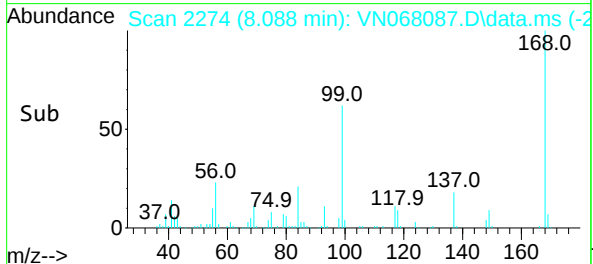
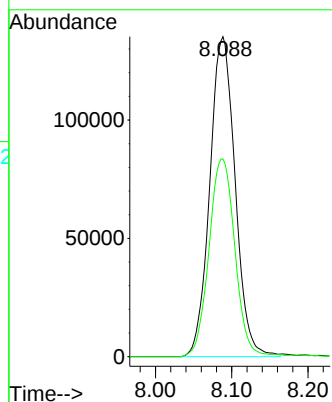


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Instrument :
MSVOA_N
ClientSampled :

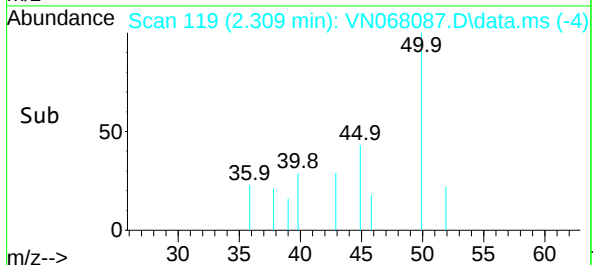
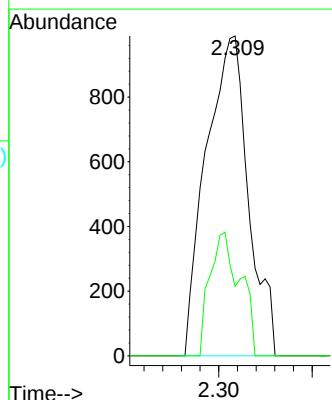
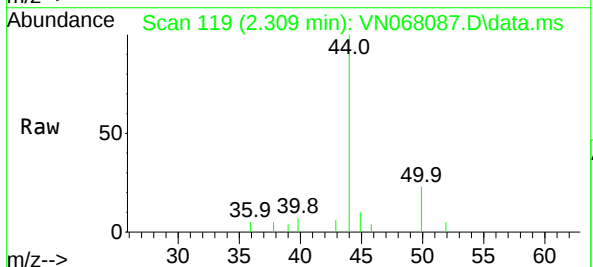


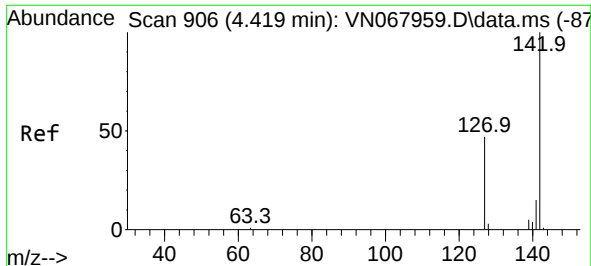
Tgt Ion:168 Resp: 312773
Ion Ratio Lower Upper
168 100
99 61.8 62.9 94.3#



#3
Chloromethane
Concen: 0.390 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.008 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

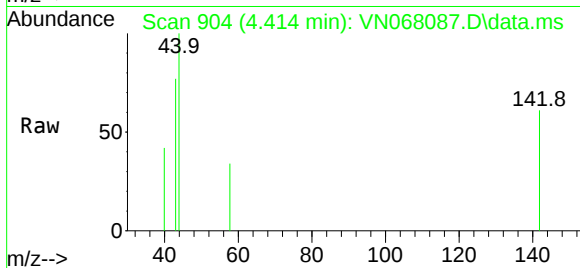
Tgt Ion: 50 Resp: 1554
Ion Ratio Lower Upper
50 100
52 21.7 25.6 38.4#



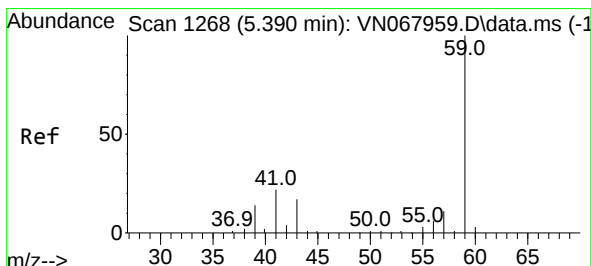
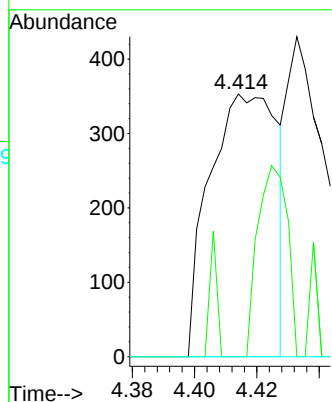
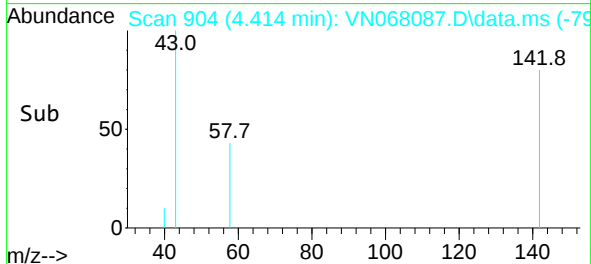


#10
Methyl Iodide
Concen: 3.239 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.005 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

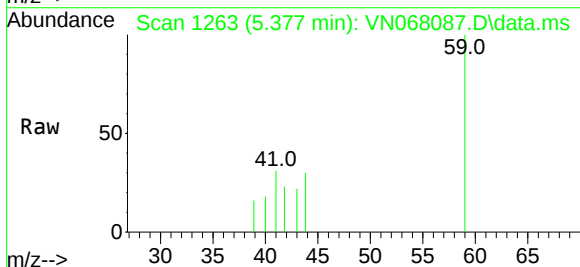
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MSVOA_N
ClientSampled :



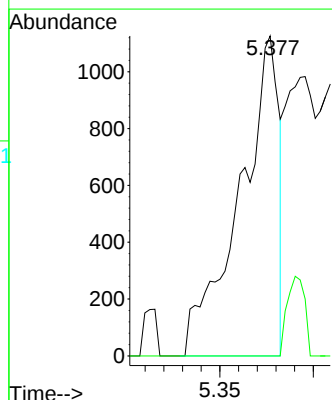
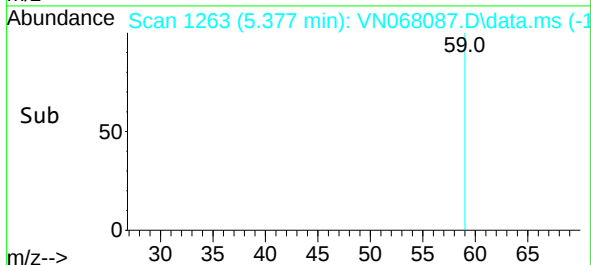
Tgt Ion:142 Resp: 530
Ion Ratio Lower Upper
142 100
127 5.1 43.1 64.7#
141 0.0 11.4 17.0#

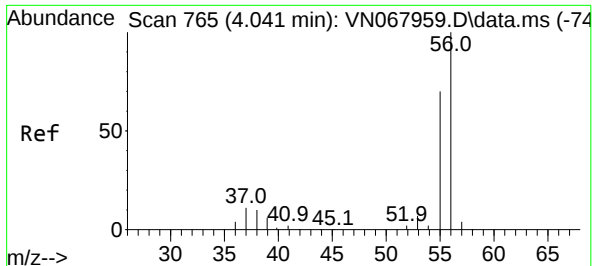


#11
Tert butyl alcohol
Concen: 2.759 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.013 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12



Tgt Ion: 59 Resp: 1637
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

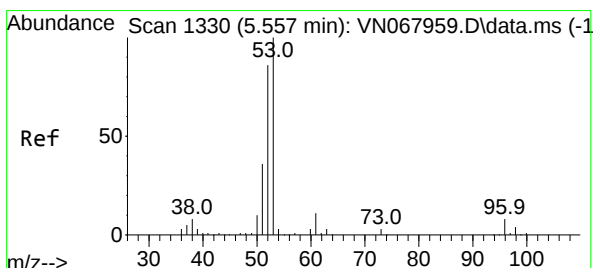
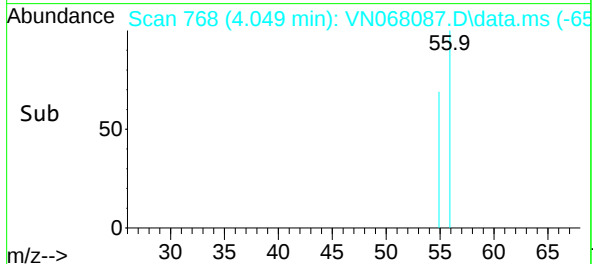
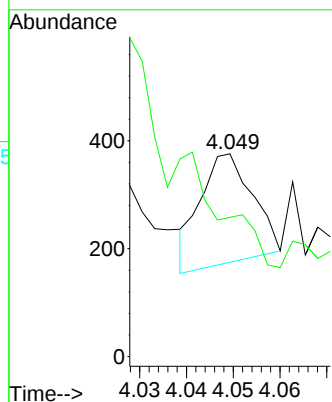
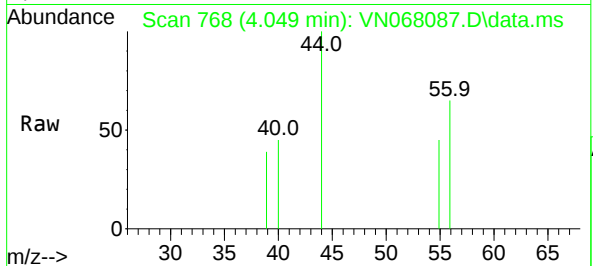




#13
Acrolein
Concen: 0.395 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.008 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

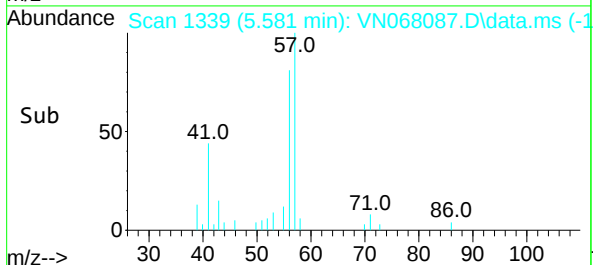
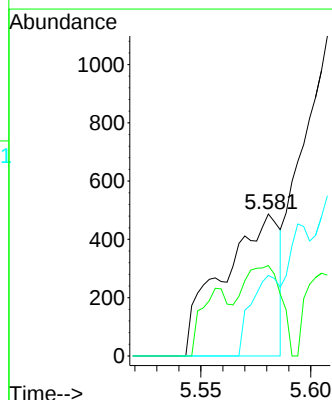
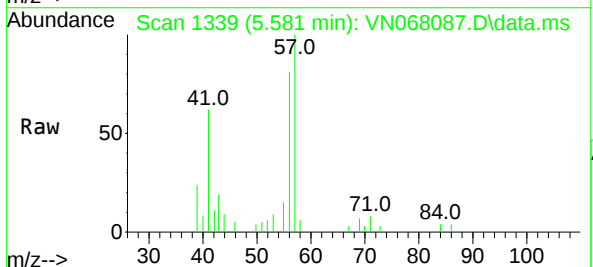
Instrument :
MSVOA_N
ClientSampleId :

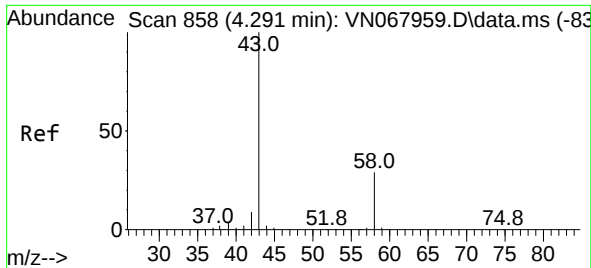
Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#15
Acrylonitrile
Concen: 0.521 ug/l
RT: 5.581 min Scan# 1339
Delta R.T. 0.024 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 53 Resp: 867
Ion Ratio Lower Upper
53 100
52 43.1 66.2 99.2#
51 29.3 30.2 45.4#

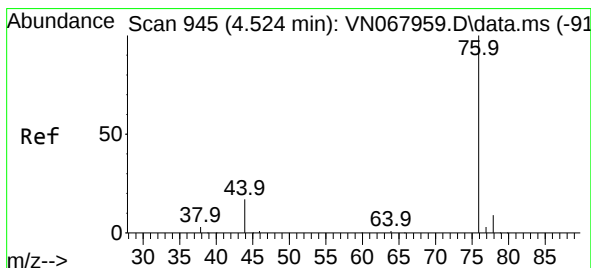
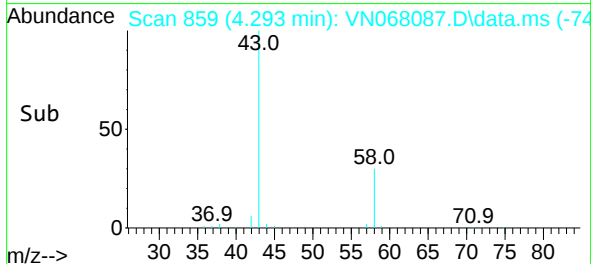
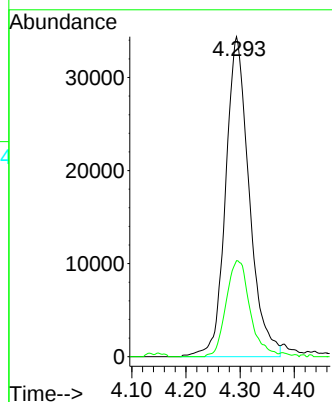
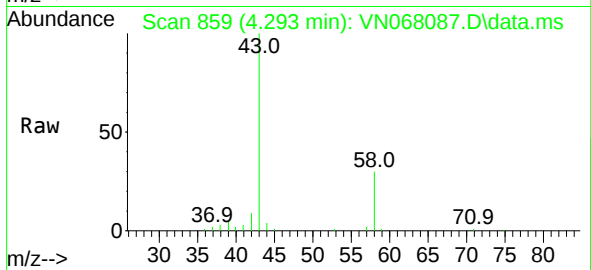




#16
Acetone
Concen: 64.417 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

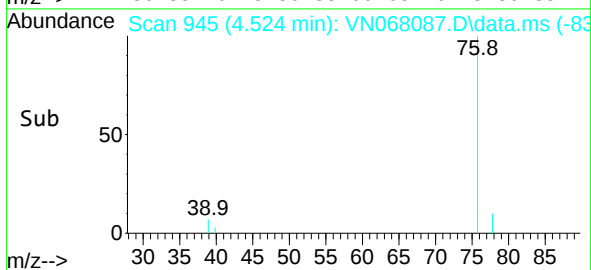
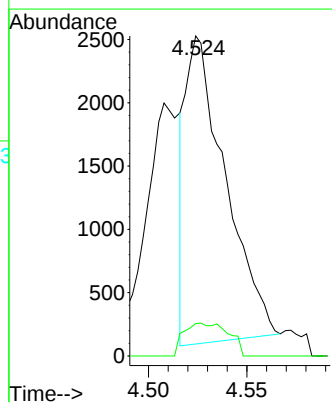
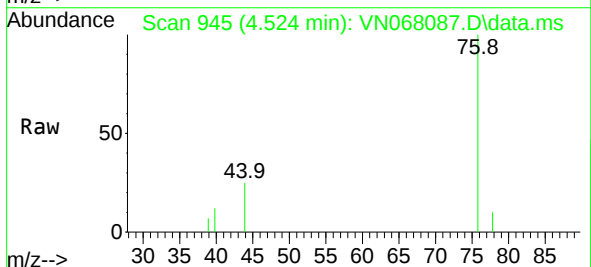
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MSVOA_N
ClientSampled :

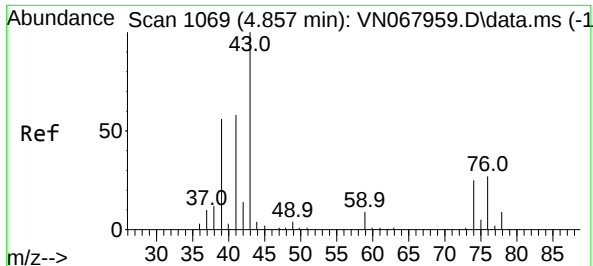
Tgt Ion: 43 Resp: 104073
Ion Ratio Lower Upper
43 100
58 30.0 21.2 31.8



#17
Carbon Disulfide
Concen: 0.398 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 76 Resp: 3423
Ion Ratio Lower Upper
76 100
78 10.9 7.7 11.5

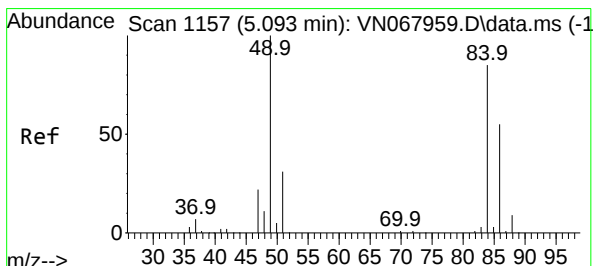
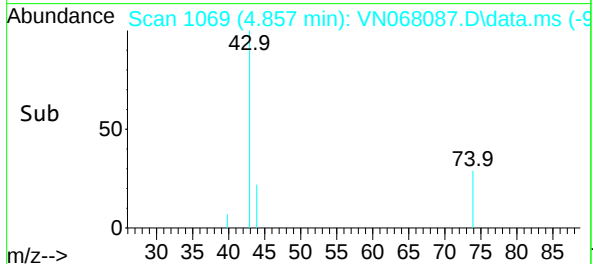
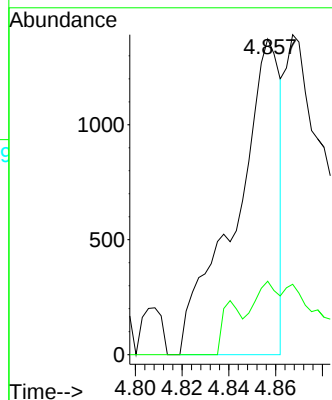
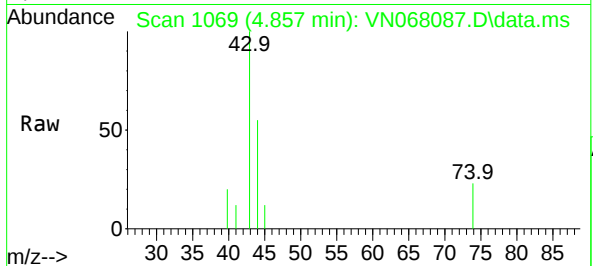




#18
Methyl Acetate
Concen: 0.367 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

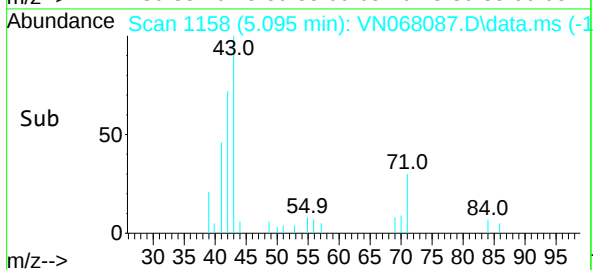
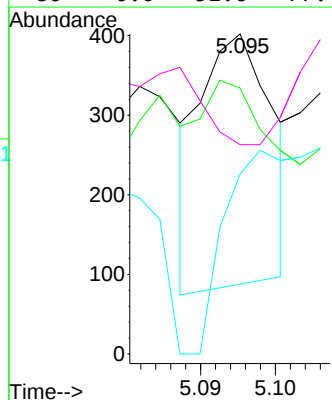
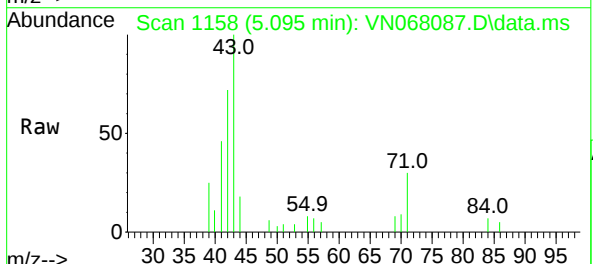
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MSVOA_N
ClientSampled :

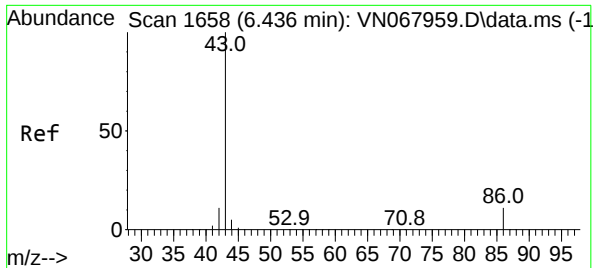
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Ion Ratio Lower Upper
43 100
74 6.5 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 84 Resp: 209
Ion Ratio Lower Upper
84 100
49 69.6 110.9 166.3#
51 201.8 32.6 49.0#
86 0.0 51.6 77.4#

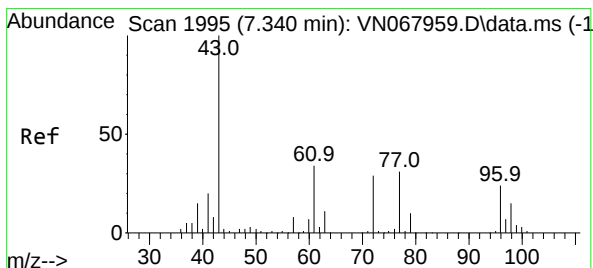
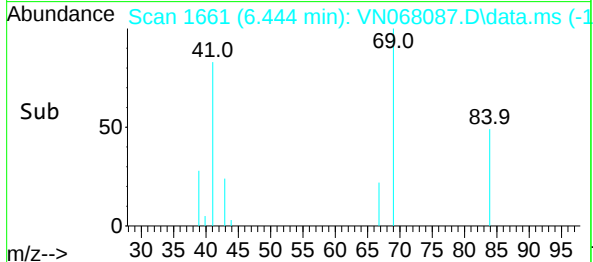
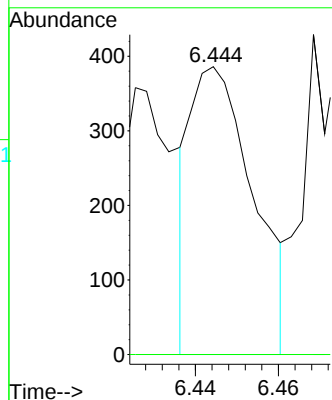
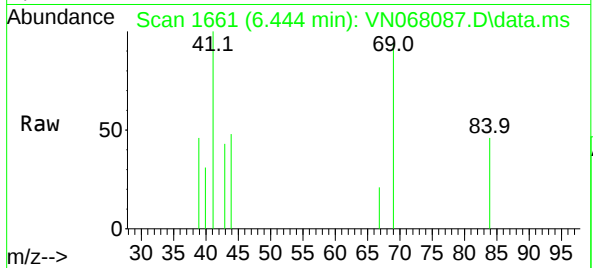




#23
 Vinyl Acetate
 Concen: 8.837 ug/l
 RT: 6.444 min Scan# 1661
 Delta R.T. 0.008 min
 Lab File: VN068087.D
 Acq: 12 Aug 2021 14:12

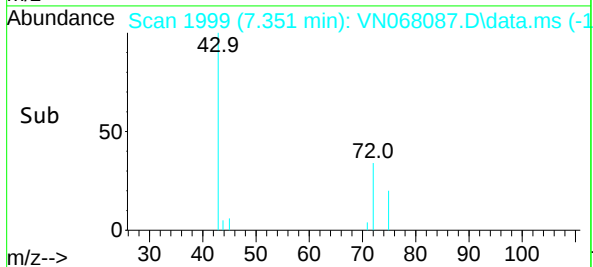
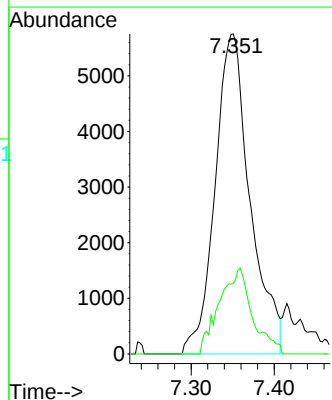
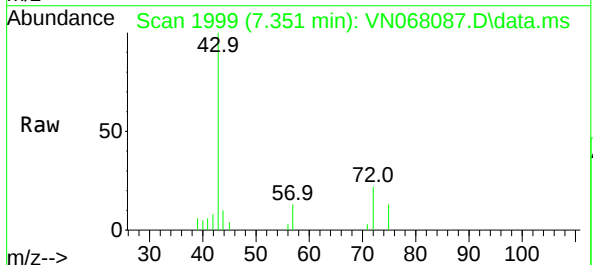
Instrument :
 MSVOA_N
 ClientSampled :

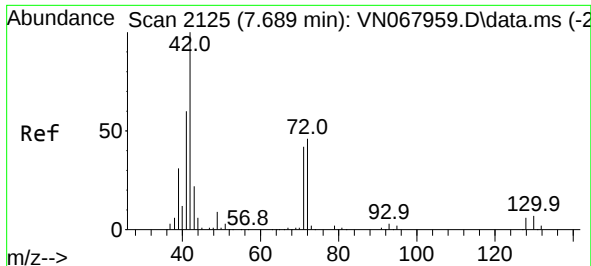
Tgt Ion: 43 Resp: 406
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#25
 2-Butanone
 Concen: 7.182 ug/l
 RT: 7.351 min Scan# 1999
 Delta R.T. 0.011 min
 Lab File: VN068087.D
 Acq: 12 Aug 2021 14:12

Tgt Ion: 43 Resp: 16834
 Ion Ratio Lower Upper
 43 100
 72 21.9 19.7 29.5





#29

Tetrahydrofuran

Concen: 11.545 ug/l

RT: 7.694 min Scan# 2127

Delta R.T. 0.005 min

Lab File: VN068087.D

Acq: 12 Aug 2021 14:12

Tgt Ion: 42 Resp: 17328

Ion Ratio Lower Upper

42 100

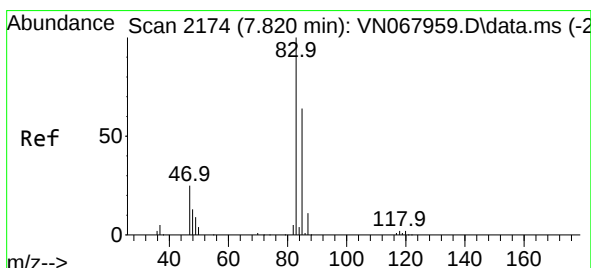
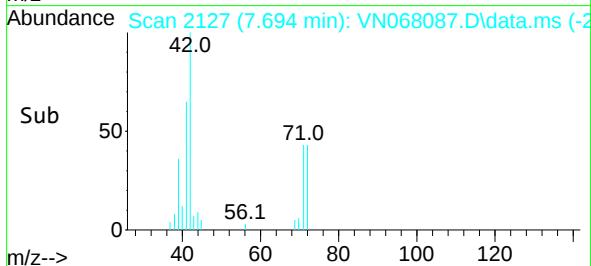
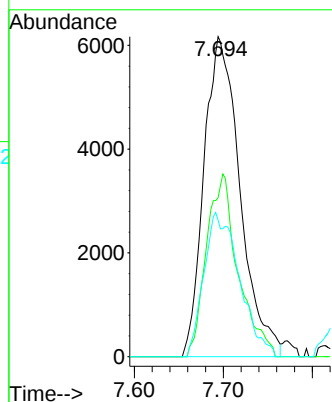
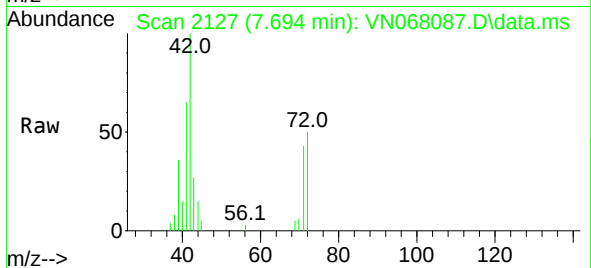
72 50.0 32.8 49.2#

71 23.4 31.2 46.8#

Instrument :

MSVOA_N

ClientSampled :



#30

Chloroform

Concen: 0.567 ug/l

RT: 8.099 min Scan# 2278

Delta R.T. 0.279 min

Lab File: VN068087.D

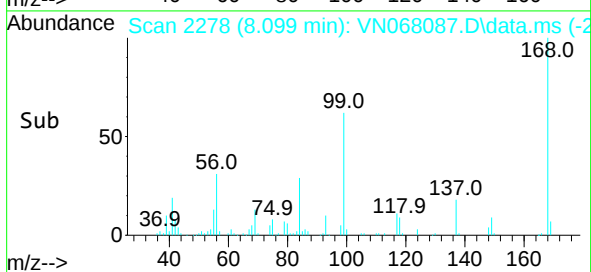
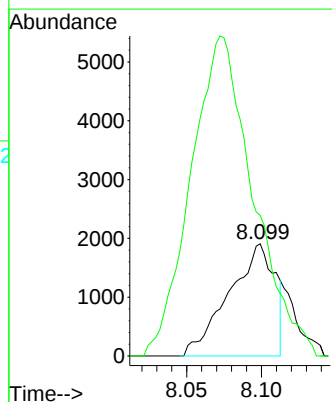
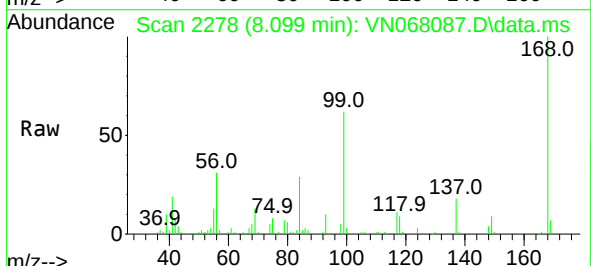
Acq: 12 Aug 2021 14:12

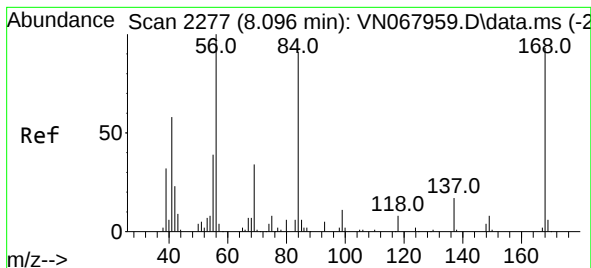
Tgt Ion: 83 Resp: 4060

Ion Ratio Lower Upper

83 100

85 69.6 51.5 77.3

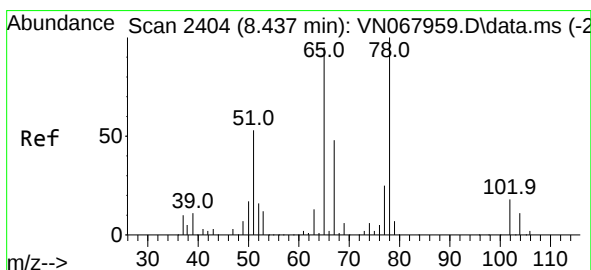
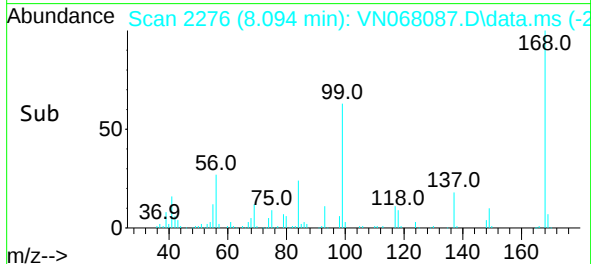
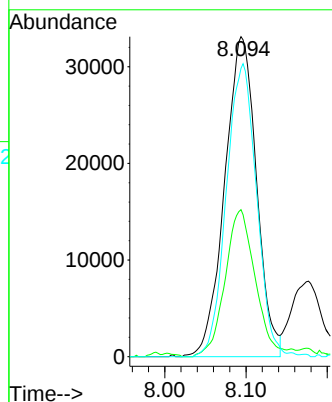
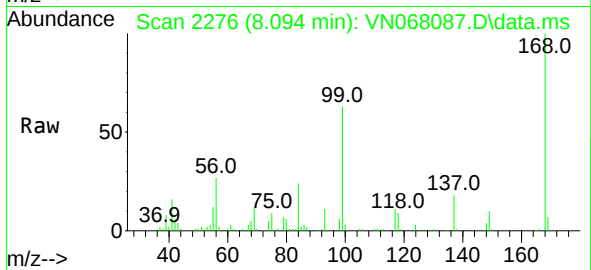




#31
Cyclohexane
Concen: 13.772 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

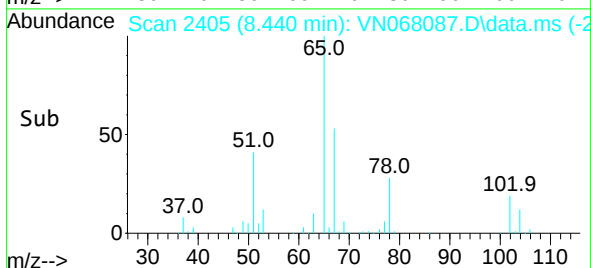
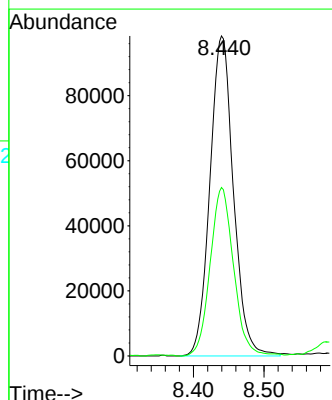
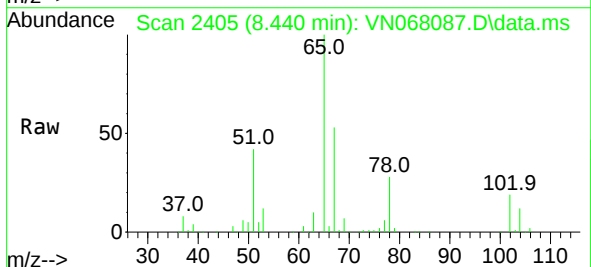
Instrument :
MSVOA_N
ClientSampleId :

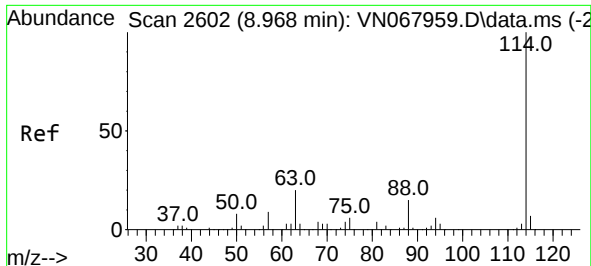
Tgt Ion: 56 Resp: 89957
Ion Ratio Lower Upper
56 100
69 45.5 27.3 40.9#
84 90.1 64.9 97.3



#33
1,2-Dichloroethane-d4
Concen: 51.446 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 65 Resp: 227794
Ion Ratio Lower Upper
65 100
67 52.6 0.0 98.6

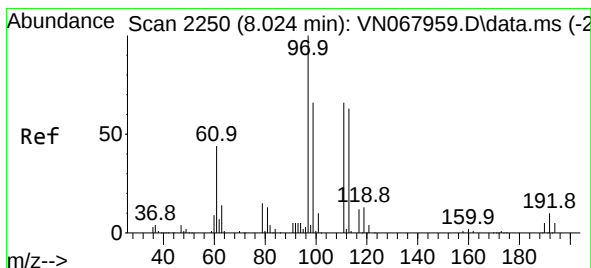
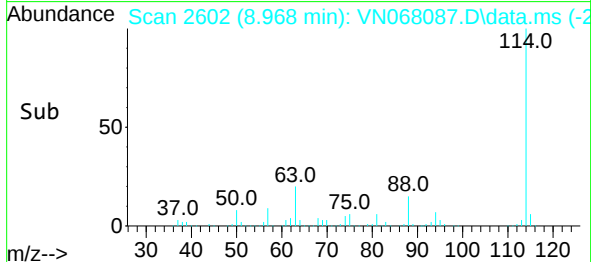
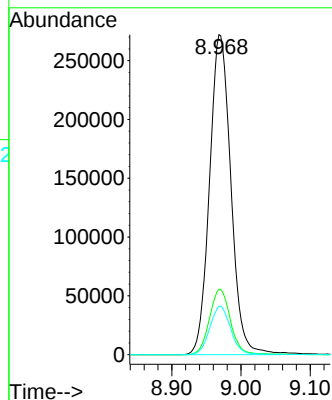
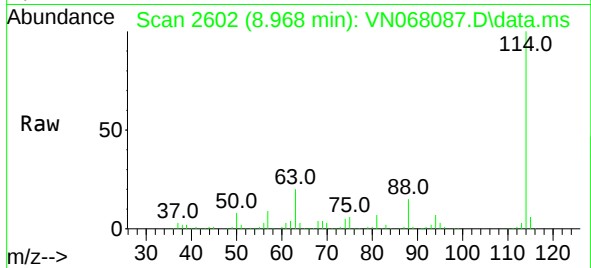




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

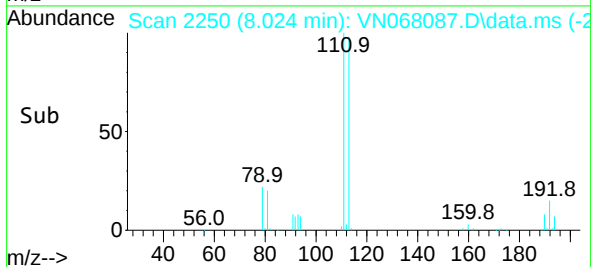
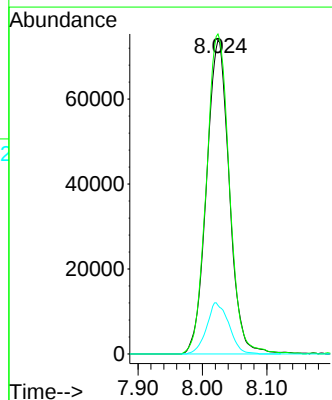
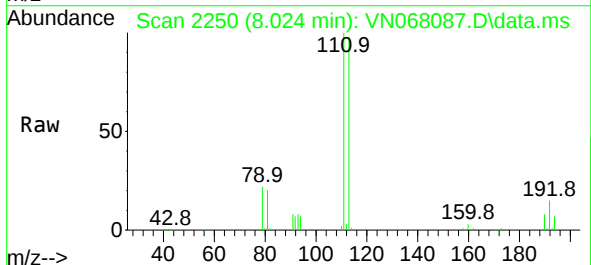
Instrument :
MSVOA_N
ClientSampleId :

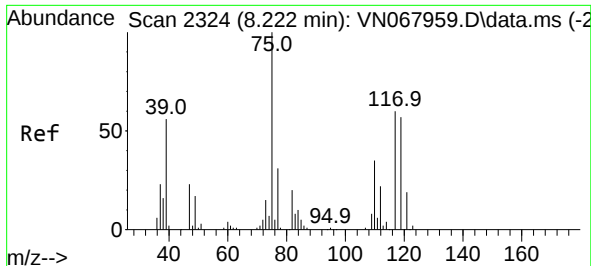
Tgt Ion:114 Resp: 582220
Ion Ratio Lower Upper
114 100
63 20.4 0.0 49.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.380 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

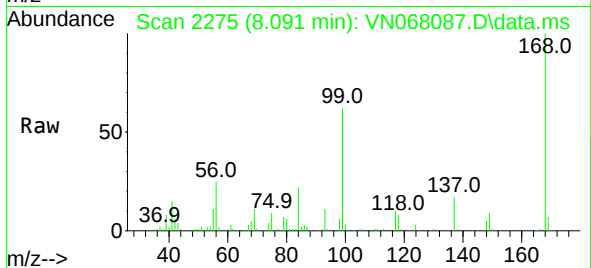
Tgt Ion:113 Resp: 181123
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.8
192 16.0 13.4 20.0



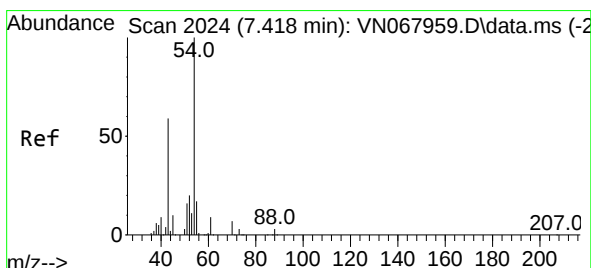
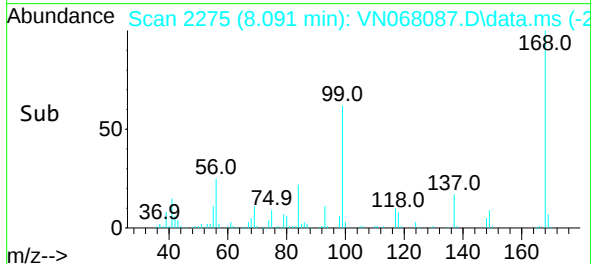
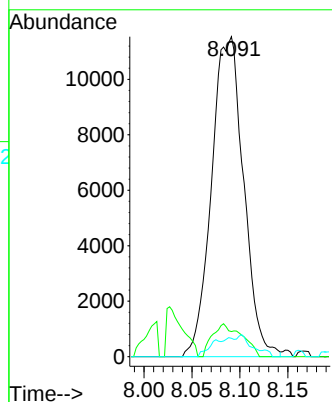


#36
 1,1-Dichloropropene
 Concen: 4.968 ug/l
 RT: 8.091 min Scan# 2275
 Delta R.T. -0.131 min
 Lab File: VN068087.D
 Acq: 12 Aug 2021 14:12

Instrument :
 MSVOA_N
 ClientSampleId :

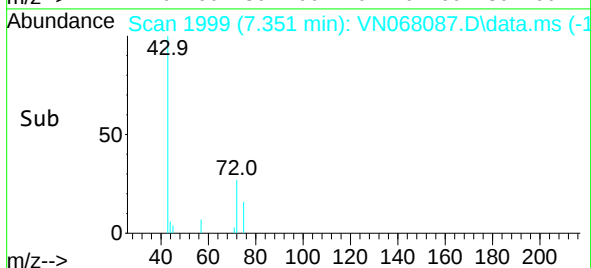
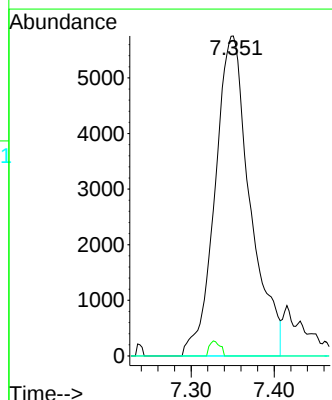
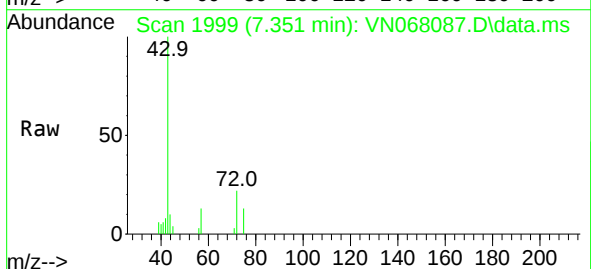


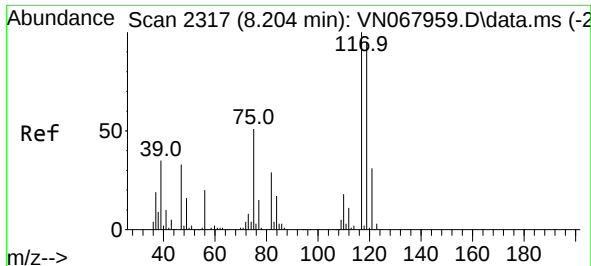
Tgt Ion: 75 Resp: 26755
 Ion Ratio Lower Upper
 75 100
 110 9.5 15.7 47.0#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 3.321 ug/l
 RT: 7.351 min Scan# 1999
 Delta R.T. -0.067 min
 Lab File: VN068087.D
 Acq: 12 Aug 2021 14:12

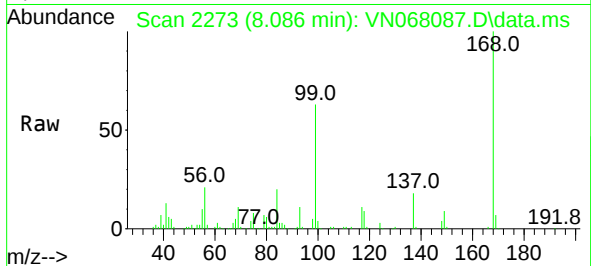
Tgt Ion: 43 Resp: 16834
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.6 16.0#
 70 0.0 8.1 12.1#



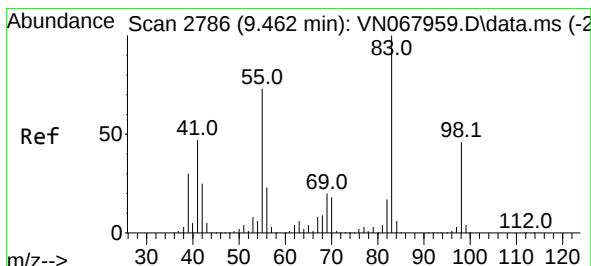
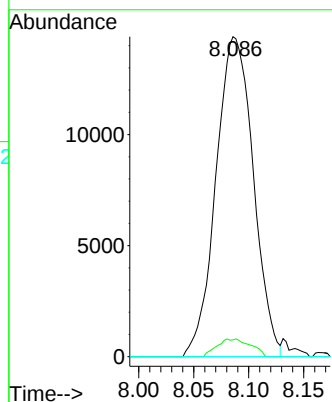
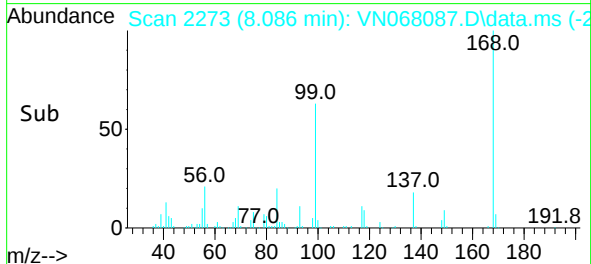


#38
Carbon Tetrachloride
Concen: 6.423 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.118 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

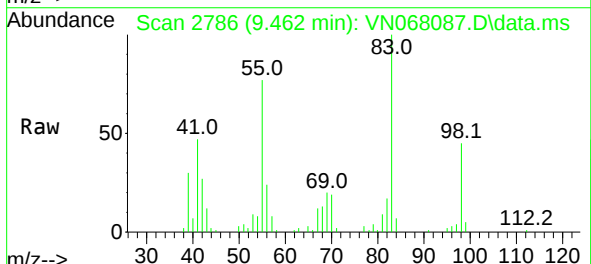
Instrument :
MSVOA_N
ClientSampled :



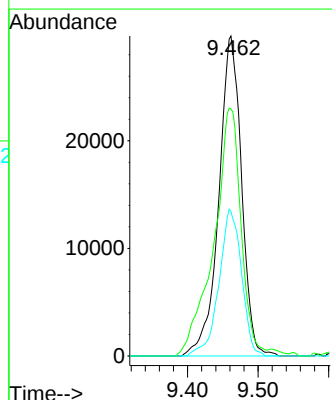
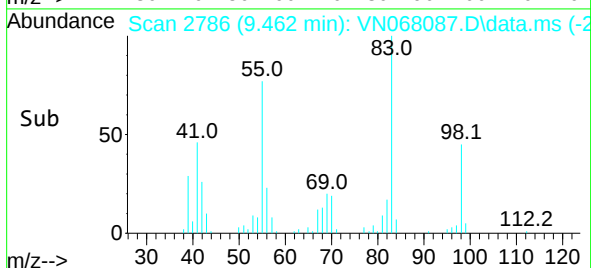
Tgt Ion:117 Resp: 34020
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 23.5 35.3#

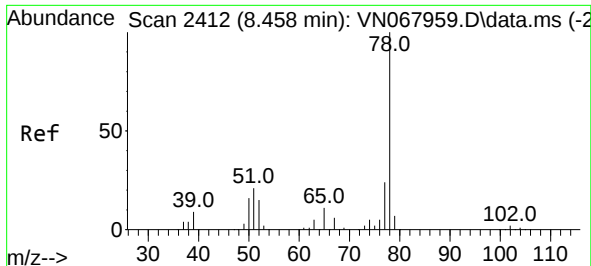


#39
Methylcyclohexane
Concen: 11.423 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12



Tgt Ion: 83 Resp: 66481
Ion Ratio Lower Upper
83 100
55 76.0 66.6 99.8
98 45.1 35.3 52.9

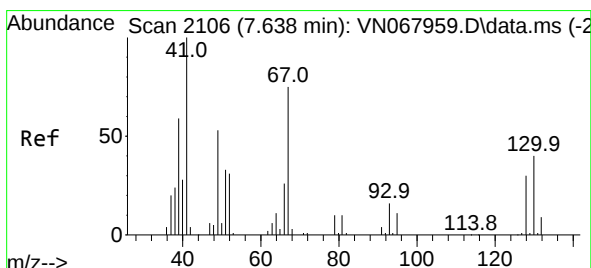
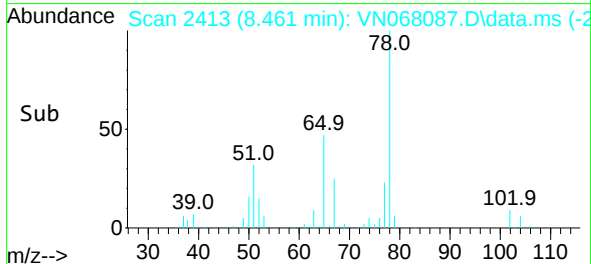
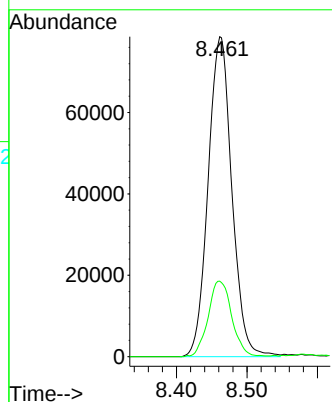
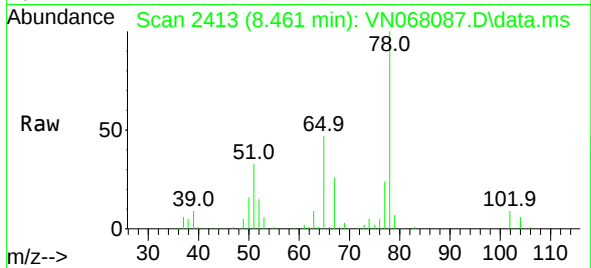




#40
Benzene
Concen: 11.534 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

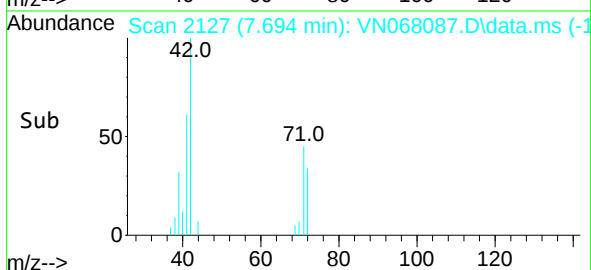
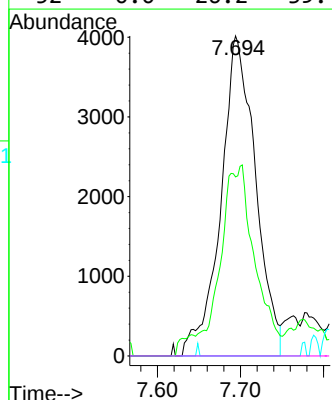
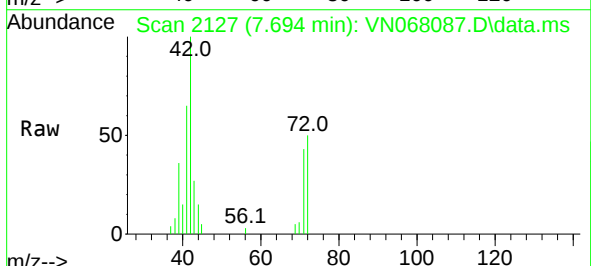
Instrument :
MSVOA_N
ClientSampled :

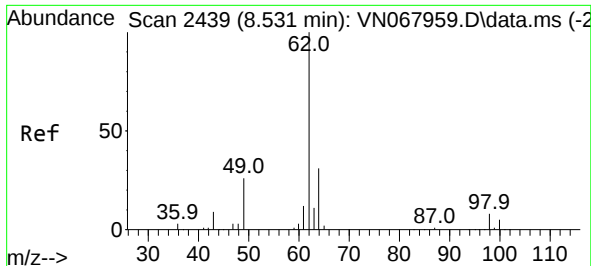
Tgt Ion: 78 Resp: 183890
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



#41
Methacrylonitrile
Concen: 4.830 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.056 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 41 Resp: 11662
Ion Ratio Lower Upper
41 100
39 30.5 47.6 71.4#
67 0.0 57.7 86.5#
52 0.0 26.2 39.4#





#42

1,2-Dichloroethane

Concen: 0.315 ug/l

RT: 8.456 min Scan# 2411

Delta R.T. -0.075 min

Lab File: VN068087.D

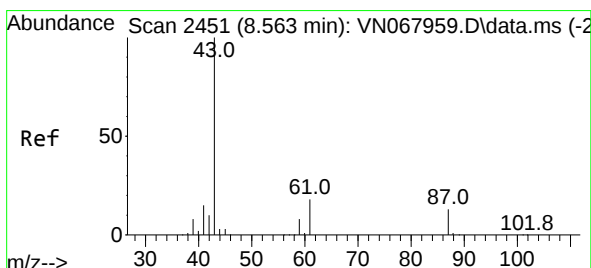
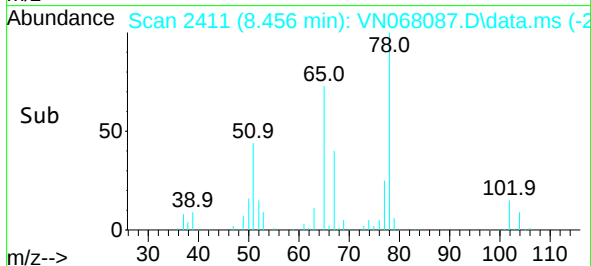
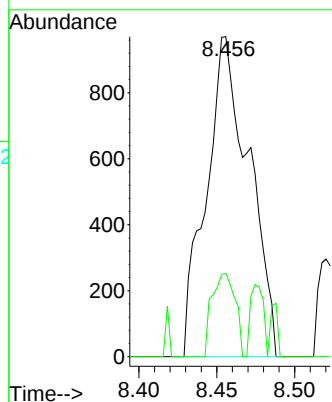
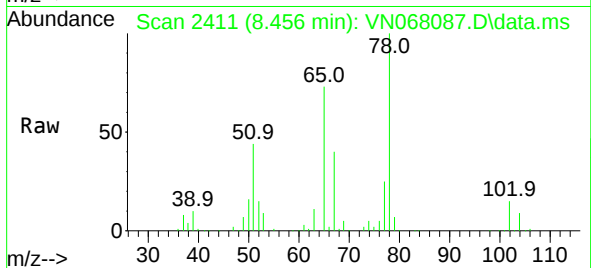
Acq: 12 Aug 2021 14:12

Tgt Ion: 62 Resp: 1855

Ion Ratio Lower Upper

62 100

98 14.1 0.0 14.2



#43

Isopropyl Acetate

Concen: 1.128 ug/l

RT: 8.552 min Scan# 2447

Delta R.T. -0.011 min

Lab File: VN068087.D

Acq: 12 Aug 2021 14:12

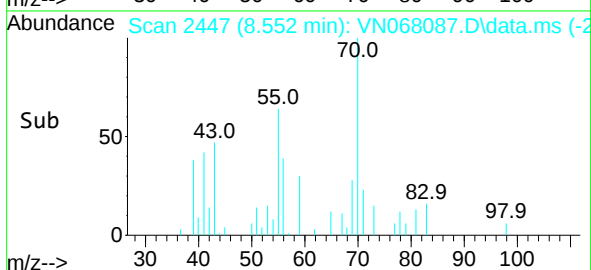
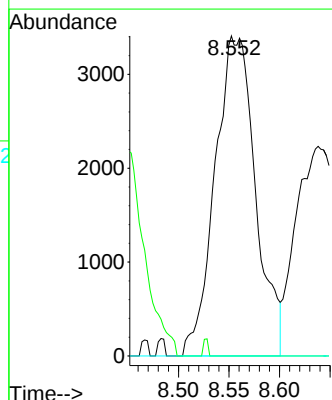
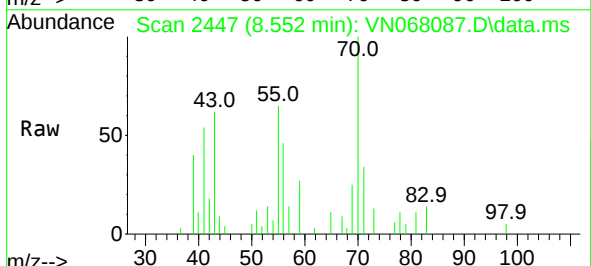
Tgt Ion: 43 Resp: 9525

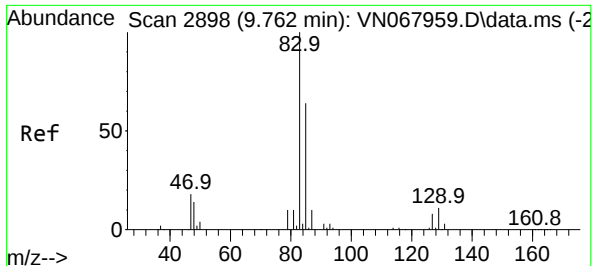
Ion Ratio Lower Upper

43 100

61 0.0 19.0 28.4#

87 0.0 9.5 14.3#

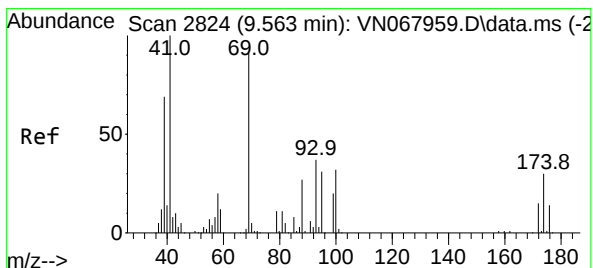
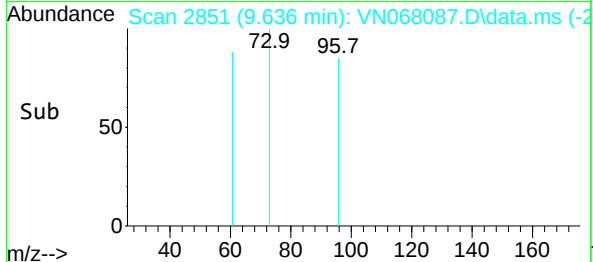
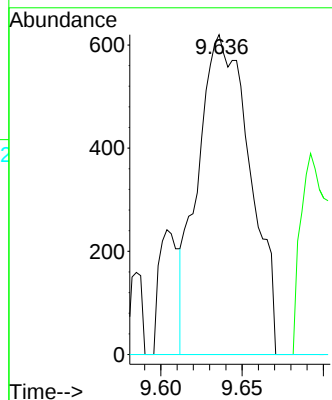
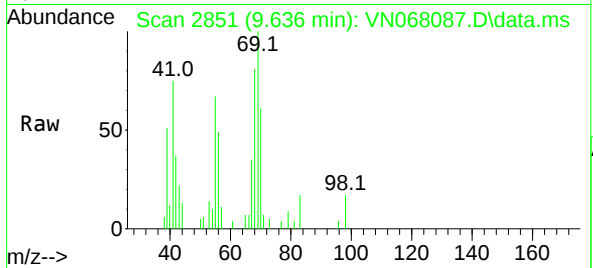




#47
Bromodichloromethane
Concen: 0.253 ug/l
RT: 9.636 min Scan# 2851
Delta R.T. -0.126 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

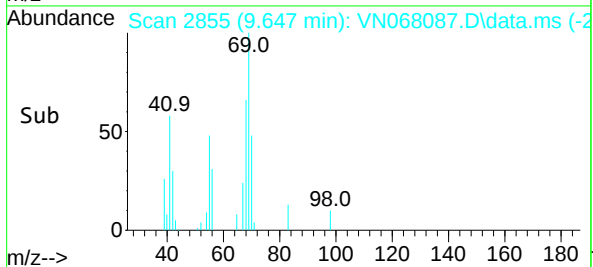
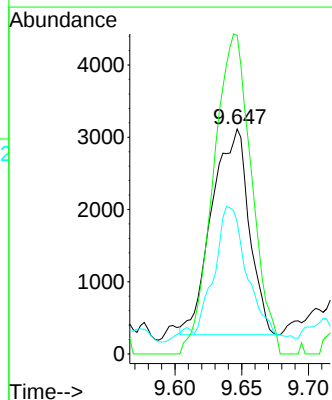
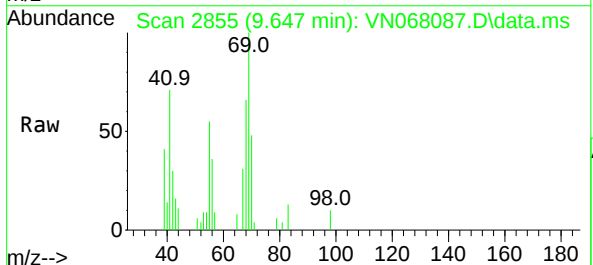
Instrument :
MSVOA_N
ClientSampleId :

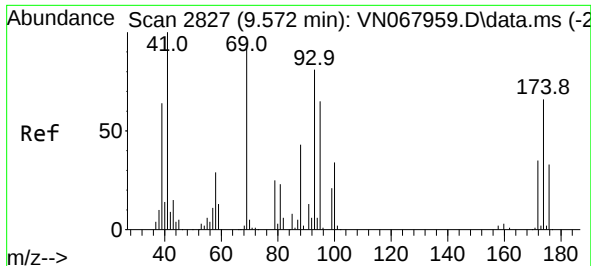
Tgt Ion: 83 Resp: 1383
Ion Ratio Lower Upper
83 100
85 0.0 49.9 74.9#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 3.558 ug/l
RT: 9.647 min Scan# 2855
Delta R.T. 0.084 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 41 Resp: 5533
Ion Ratio Lower Upper
41 100
69 159.5 64.6 96.8#
39 56.3 53.3 79.9





#49

1,4-Dioxane

Concen: 0.759 ug/l

RT: 9.582 min Scan# 2831

Delta R.T. 0.010 min

Lab File: VN068087.D

Acq: 12 Aug 2021 14:12

Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

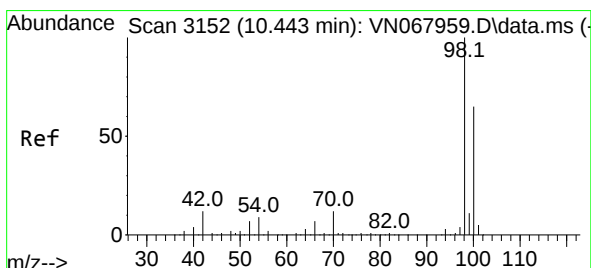
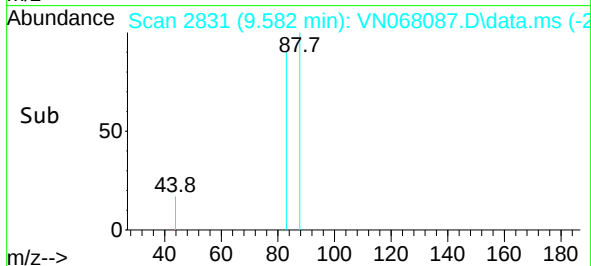
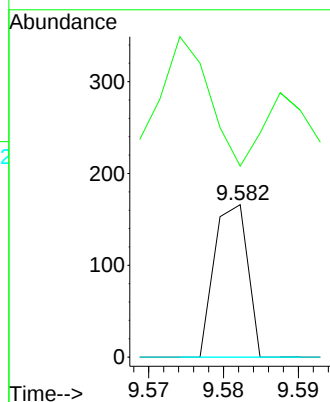
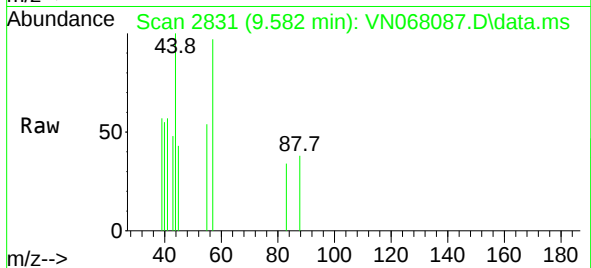
43 0.0 28.8 43.2#

58 0.0 60.4 90.6#

Instrument :

MSVOA_N

ClientSampleId :



#50

Toluene-d8

Concen: 48.694 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN068087.D

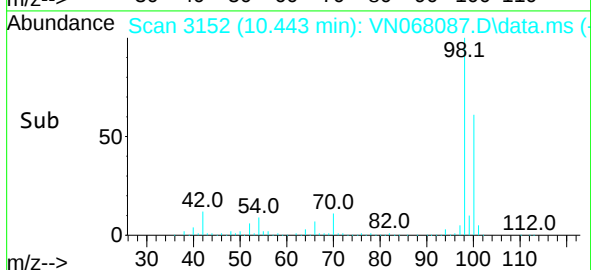
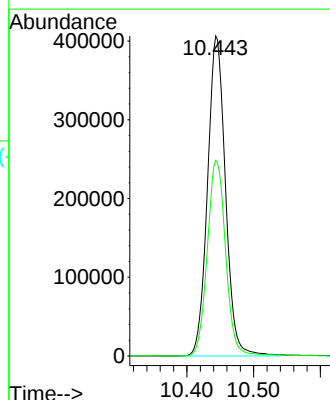
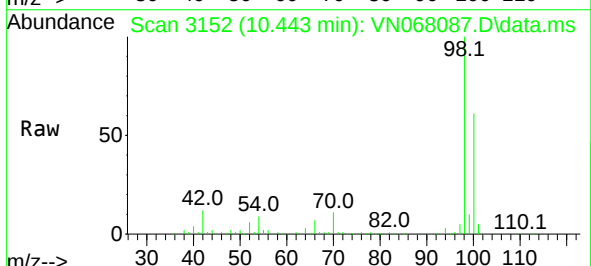
Acq: 12 Aug 2021 14:12

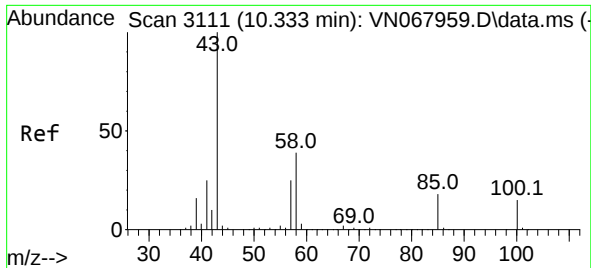
Tgt Ion: 98 Resp: 760809

Ion Ratio Lower Upper

98 100

100 62.1 51.7 77.5

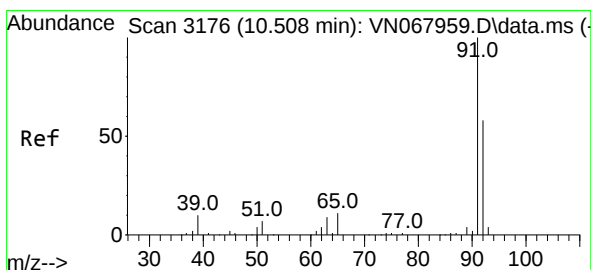
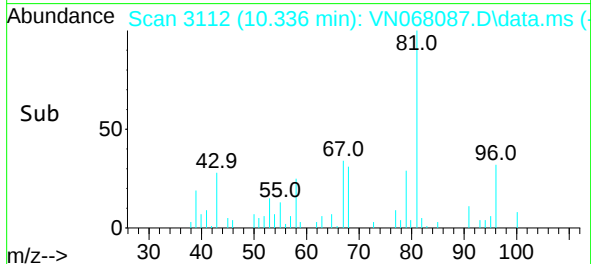
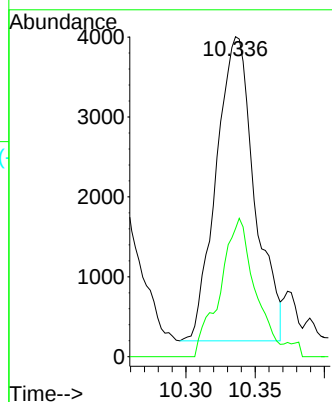
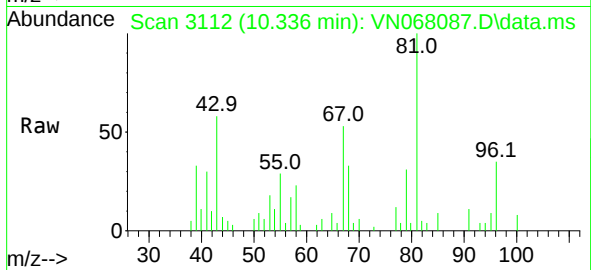




#51
4-Methyl-2-Pentanone
Concen: 13.698 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

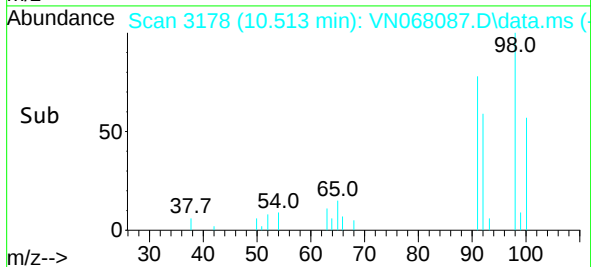
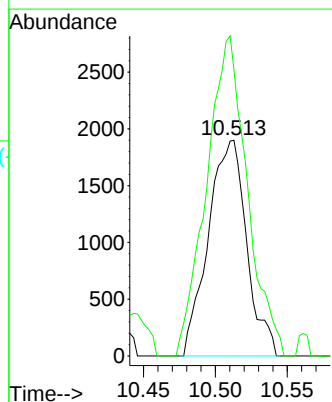
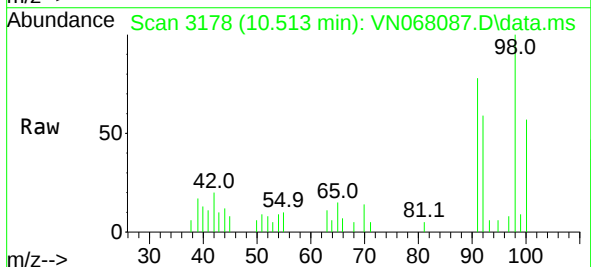
Instrument :
MSVOA_N
ClientSampleId :

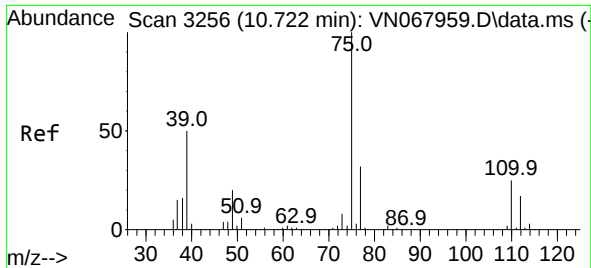
Tgt Ion: 43 Resp: 7330
Ion Ratio Lower Upper
43 100
58 41.5 28.6 43.0



#52
Toluene
Concen: 0.341 ug/l
RT: 10.513 min Scan# 3178
Delta R.T. 0.005 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 92 Resp: 3529
Ion Ratio Lower Upper
92 100
91 157.2 139.6 209.4

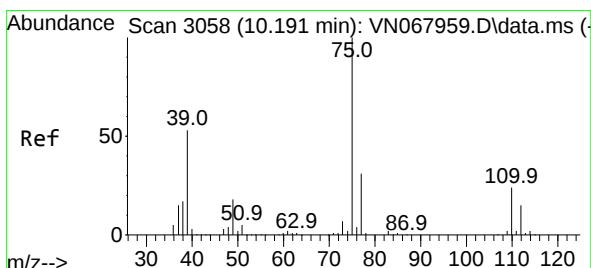
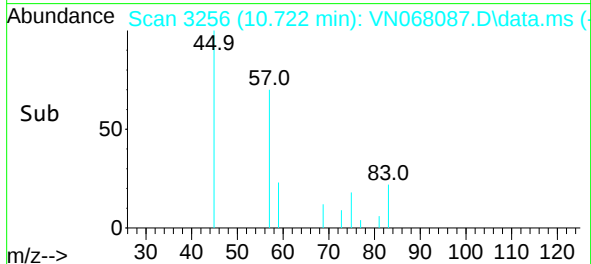
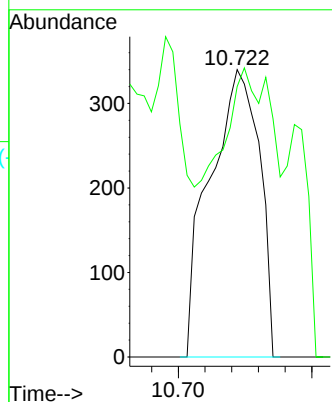
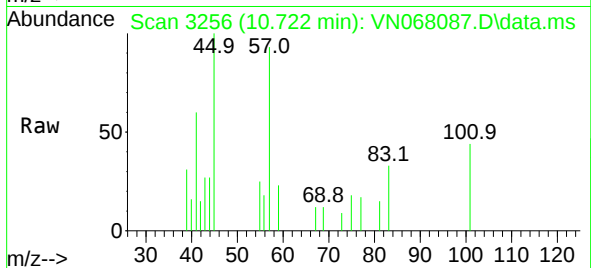




#53
t-1,3-Dichloropropene
Concen: 2.893 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

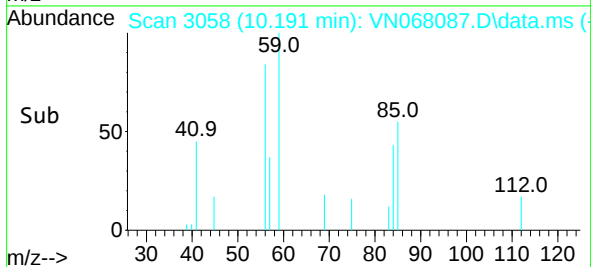
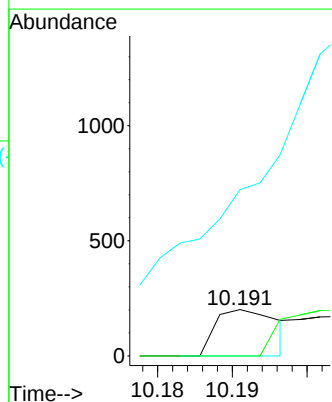
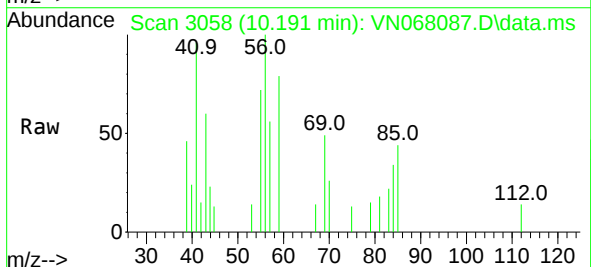
Instrument :
MSVOA_N
ClientSampled :

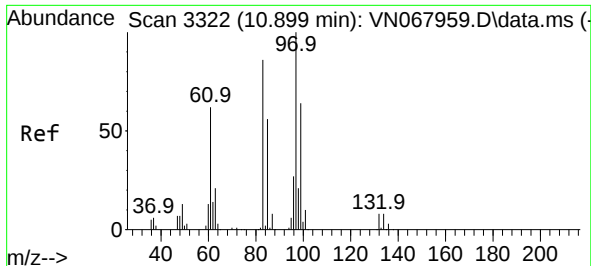
Tgt Ion: 75 Resp: 439
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 2.370 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

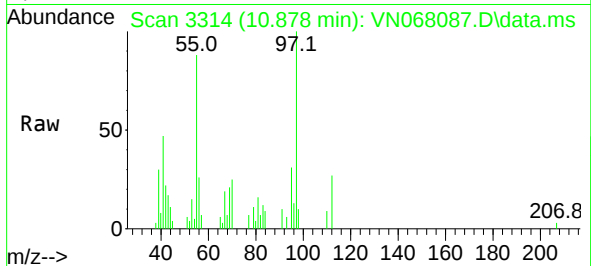
Tgt Ion: 75 Resp: 115
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 115.4 50.7 76.1#



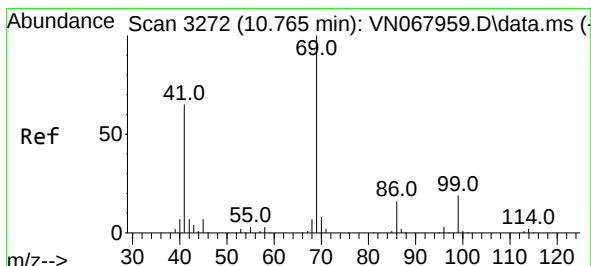
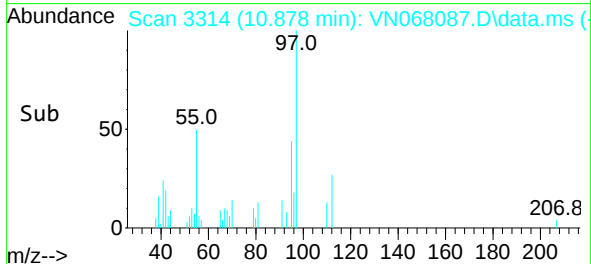
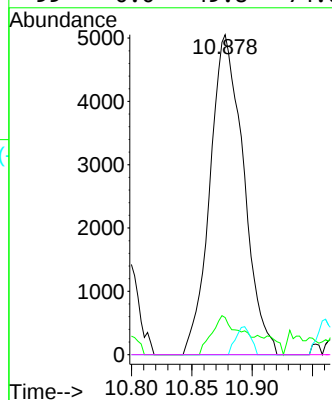


#55
1,1,2-Trichloroethane
Concen: 2.437 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.021 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Instrument :
MSVOA_N
ClientSampled :

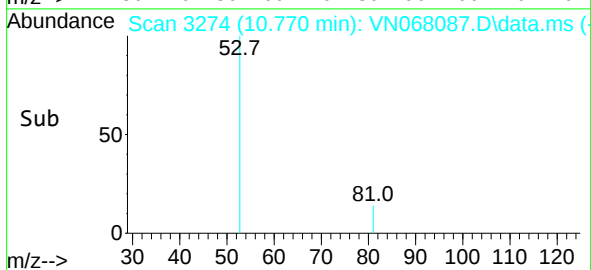
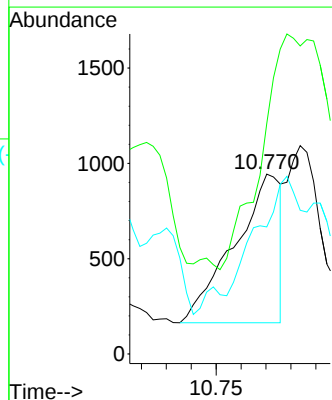
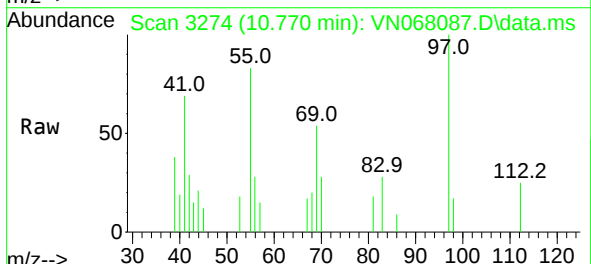


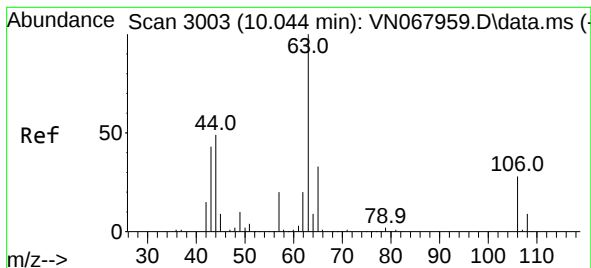
Tgt Ion: 97 Resp: 9787
Ion Ratio Lower Upper
97 100
83 11.6 72.0 108.0#
85 0.0 46.8 70.2#
99 0.0 49.8 74.6#



#56
Ethyl methacrylate
Concen: 3.230 ug/l
RT: 10.770 min Scan# 3274
Delta R.T. 0.005 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 69 Resp: 1008
Ion Ratio Lower Upper
69 100
41 306.3 58.6 88.0#
39 74.7 38.3 57.5#

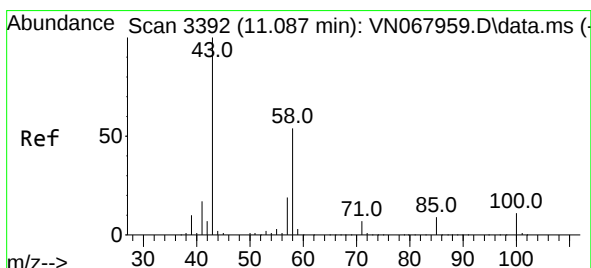
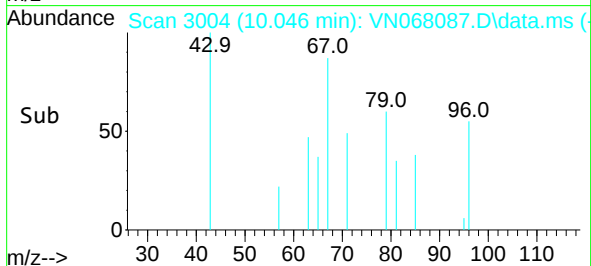
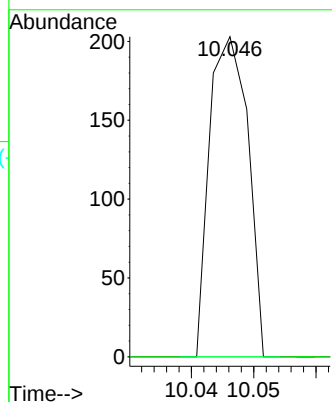
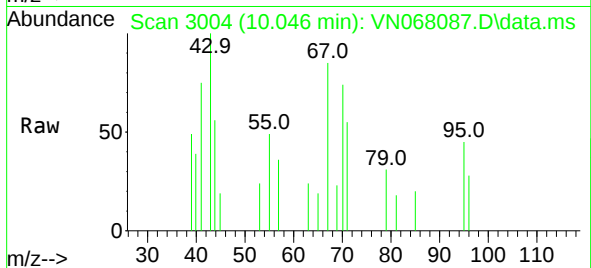




#58
2-Chloroethyl Vinyl ether
Concen: 23.489 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

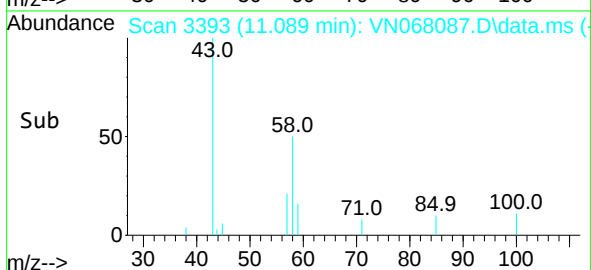
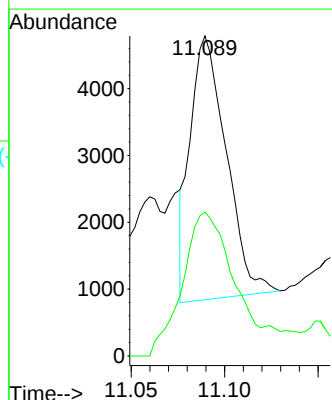
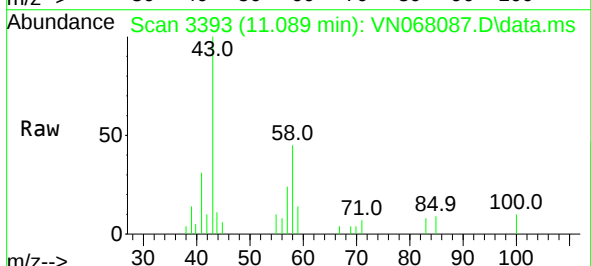
Instrument :
MSVOA_N
ClientSampled :

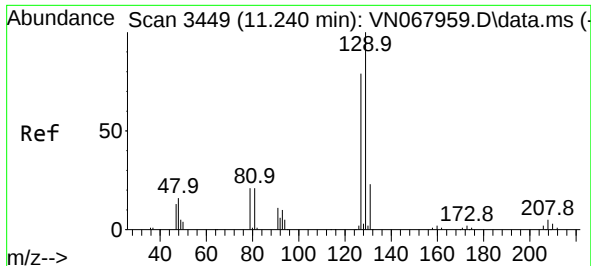
Tgt Ion: 63 Resp: 87
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#



#59
2-Hexanone
Concen: 14.428 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 43 Resp: 5281
Ion Ratio Lower Upper
43 100
58 86.1 24.7 74.1#

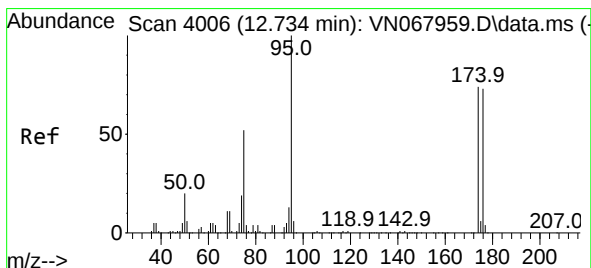
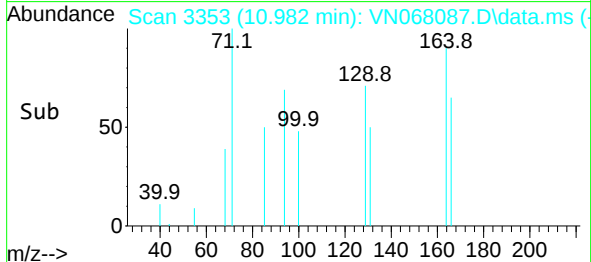
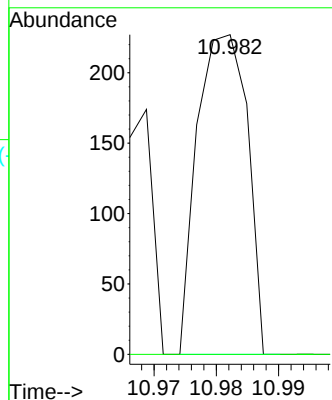
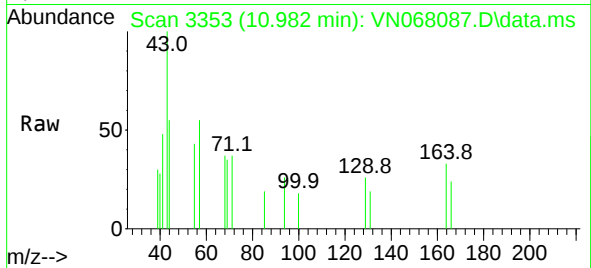




#60
Dibromochloromethane
Concen: 3.326 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

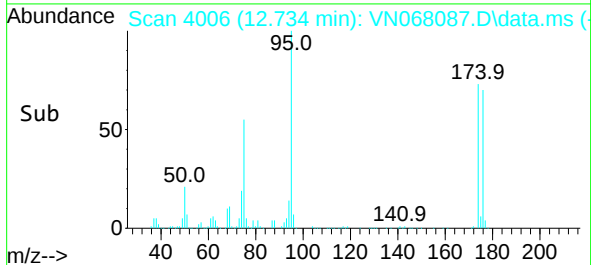
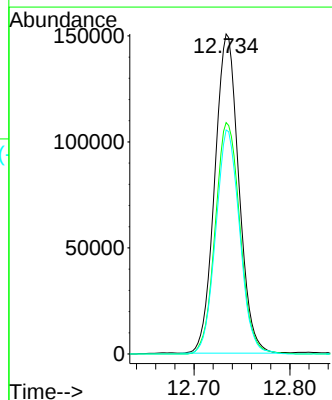
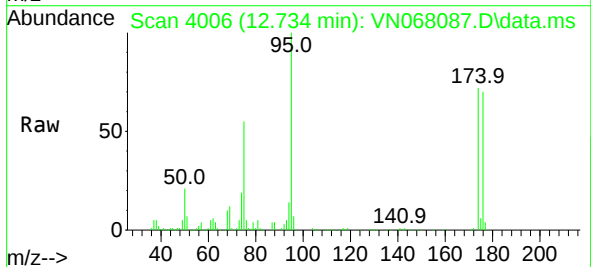
Instrument :
MSVOA_N
ClientSampleId :

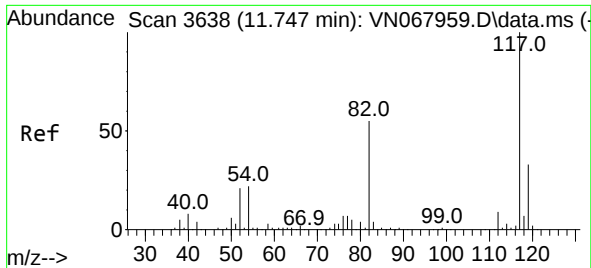
Tgt Ion:129 Resp: 127
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 46.144 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 95 Resp: 262044
Ion Ratio Lower Upper
95 100
174 74.6 0.0 122.0
176 69.9 0.0 117.6

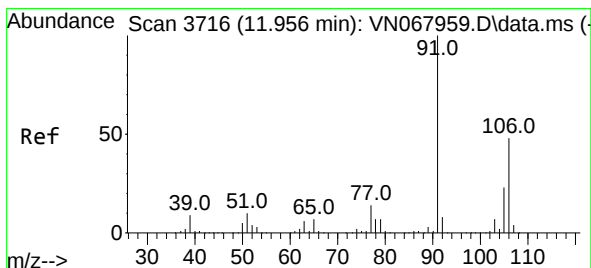
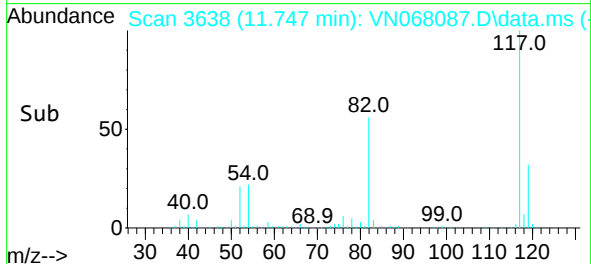
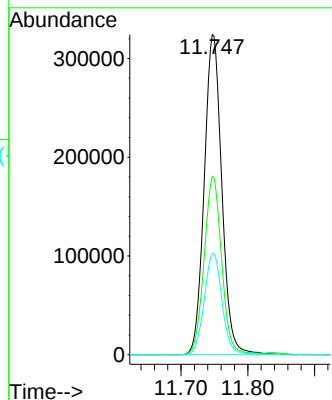
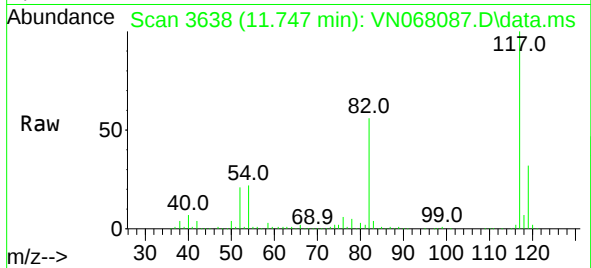




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

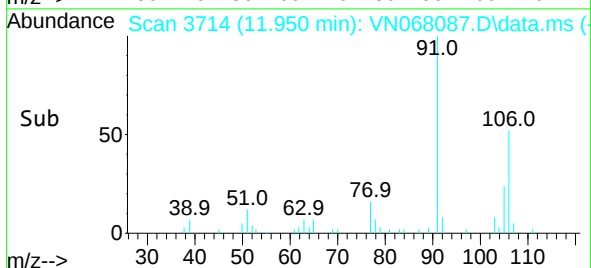
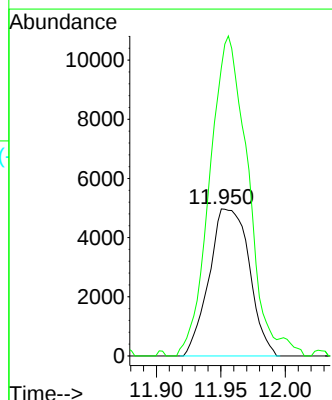
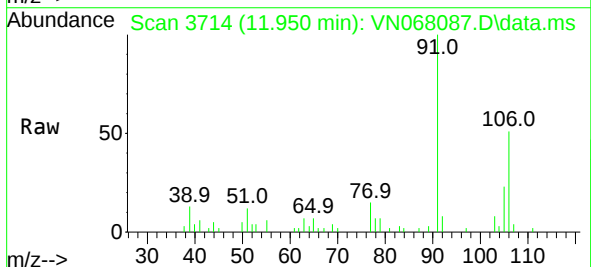
Instrument :
MSVOA_N
ClientSampleId :

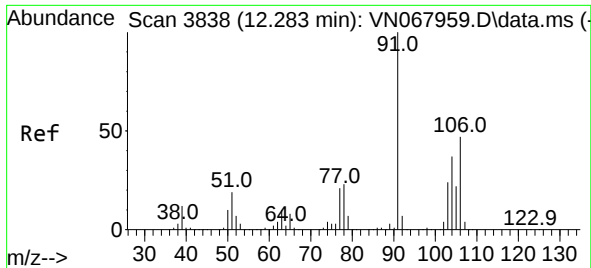
Tgt Ion:117 Resp: 593569
Ion Ratio Lower Upper
117 100
82 55.8 53.1 79.7
119 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 5.163 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion:106 Resp: 10776
Ion Ratio Lower Upper
106 100
91 203.2 180.6 270.8

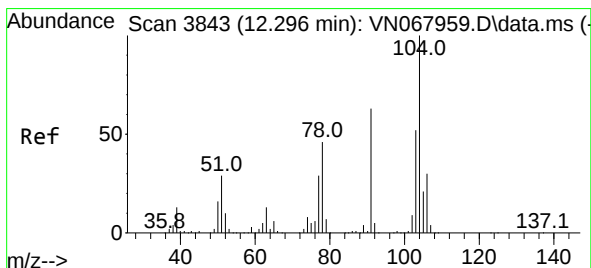
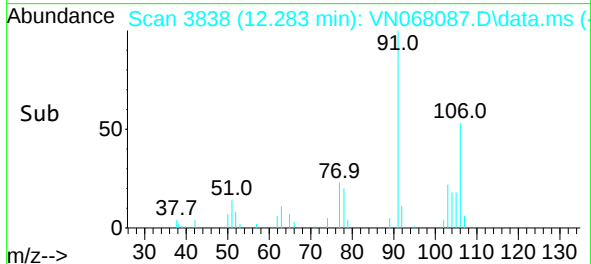
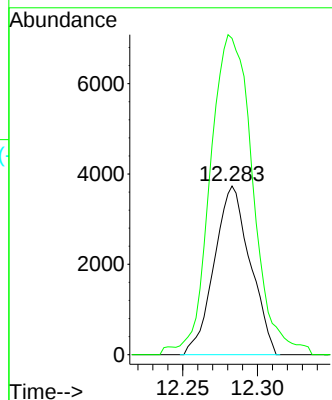
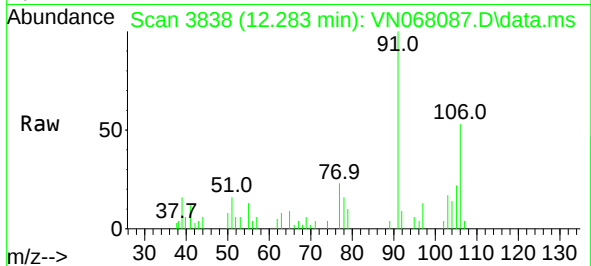




#69
o-Xylene
Concen: 0.789 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

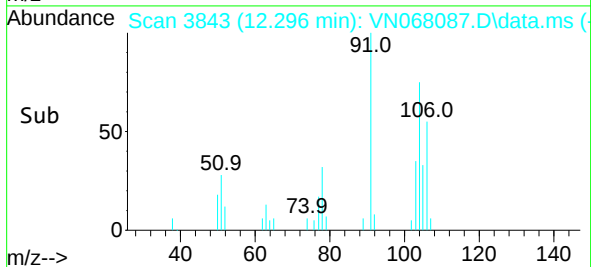
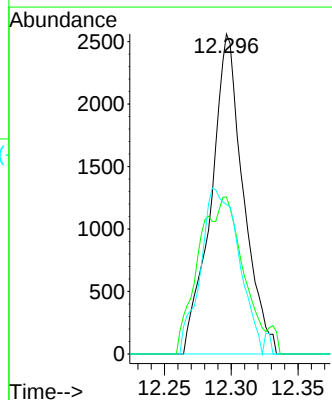
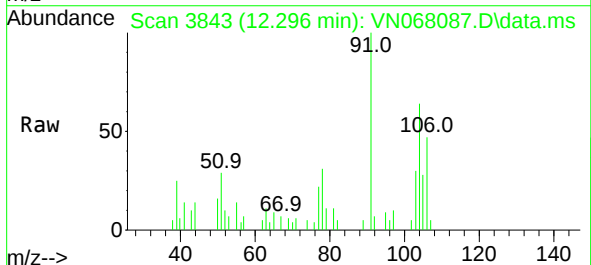
Instrument :
MSVOA_N
ClientSampleId :

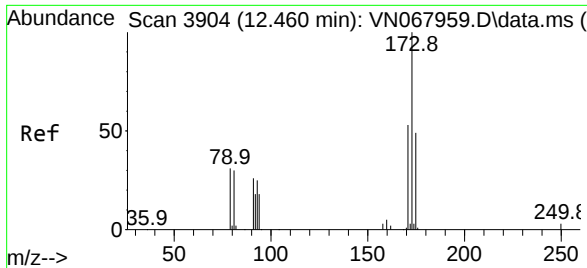
Tgt Ion:106 Resp: 6237
Ion Ratio Lower Upper
106 100
91 225.0 118.3 354.9



#70
Styrene
Concen: 2.893 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion:104 Resp: 4295
Ion Ratio Lower Upper
104 100
78 29.7 48.2 72.2#
103 61.7 44.5 66.7

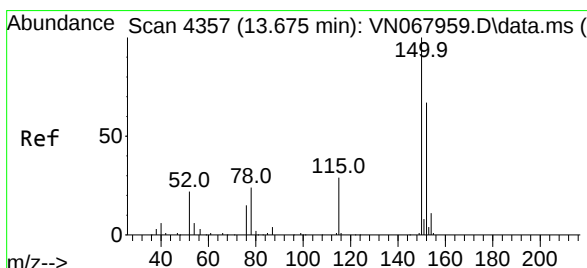
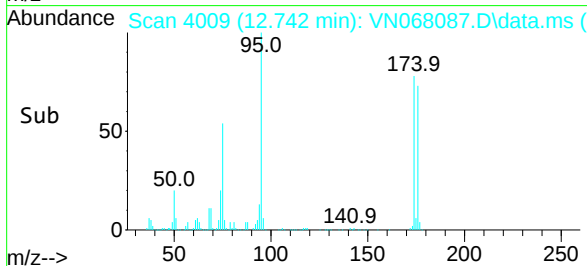
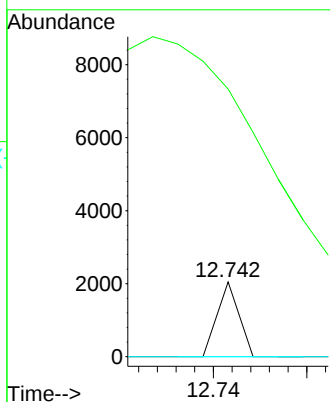
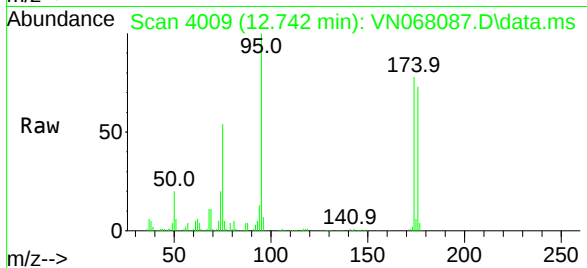




#71
Bromoform
Concen: 4.111 ug/l
RT: 12.742 min Scan# 4009
Delta R.T. 0.282 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

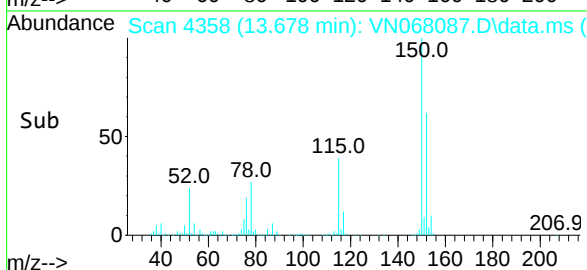
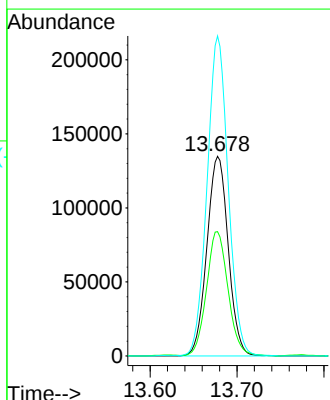
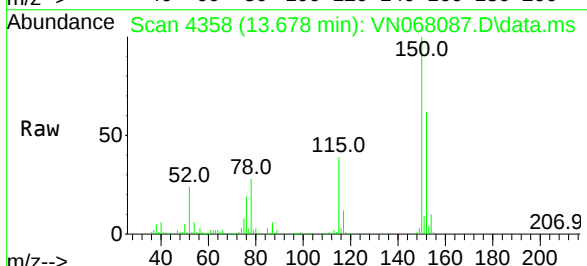
Instrument :
MSVOA_N
ClientSampleId :

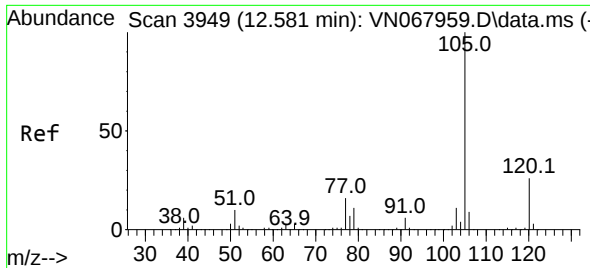
Tgt Ion:173 Resp: 330
Ion Ratio Lower Upper
173 100
175 4317.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion:152 Resp: 229831
Ion Ratio Lower Upper
152 100
115 63.2 36.1 108.5
150 158.9 0.0 351.8

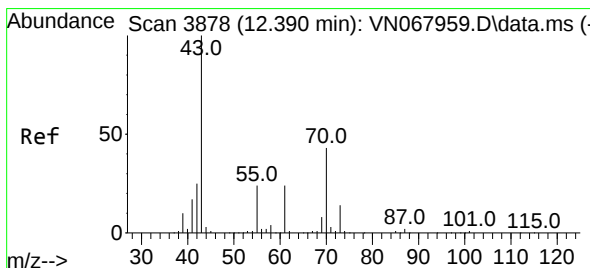
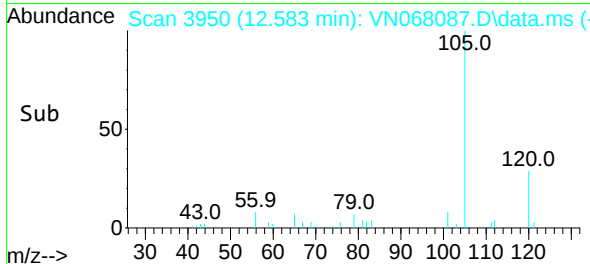
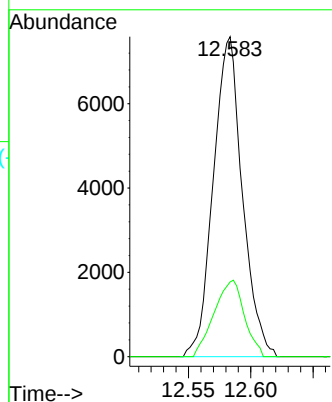
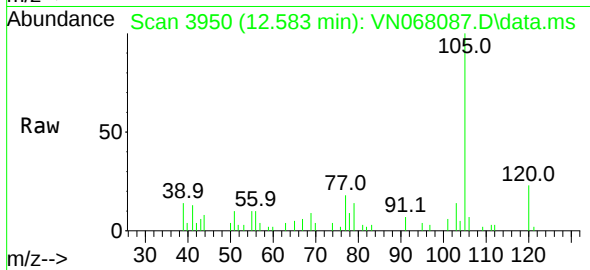




#73
Isopropylbenzene
Concen: 0.656 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

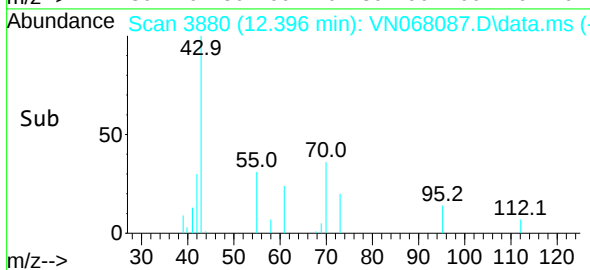
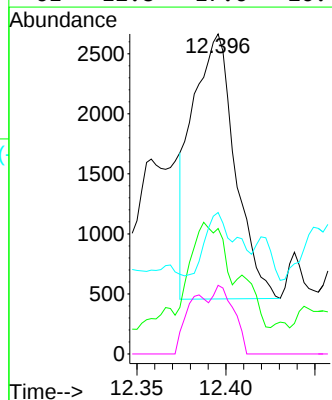
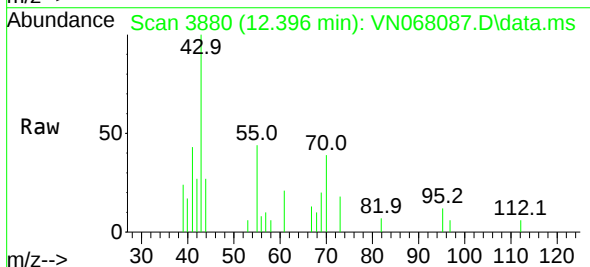
Instrument :
MSVOA_N
ClientSampled :

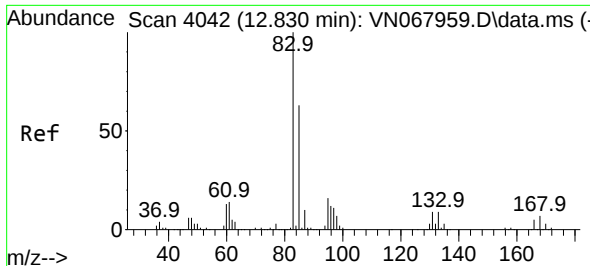
Tgt Ion:105 Resp: 12297
Ion Ratio Lower Upper
105 100
120 24.9 12.5 37.5



#74
N-ethyl acetate
Concen: 0.567 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 43 Resp: 3697
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.2#
55 15.7 17.0 25.4#
61 12.8 17.6 26.4#

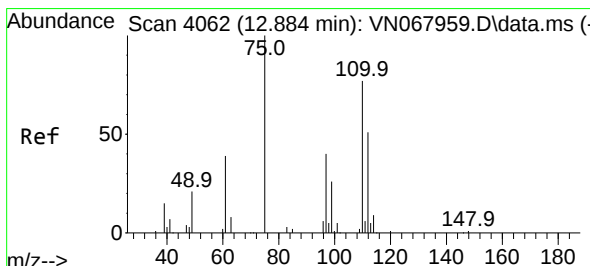
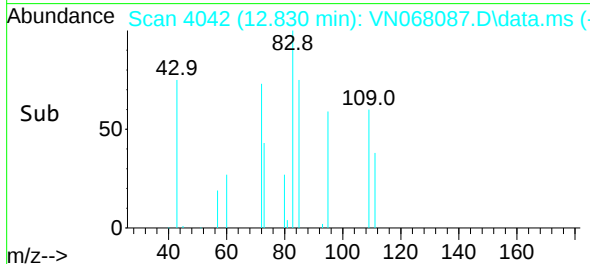
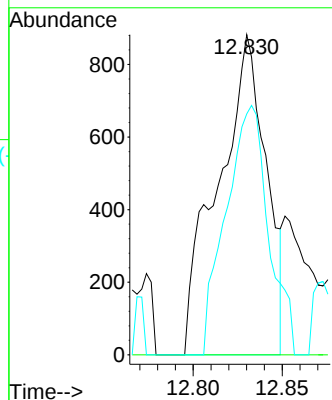
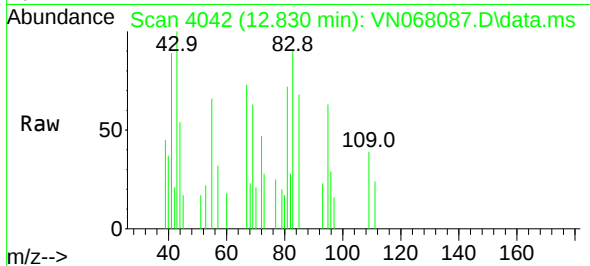




#75
1,1,2,2-Tetrachloroethane
Concen: 0.293 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

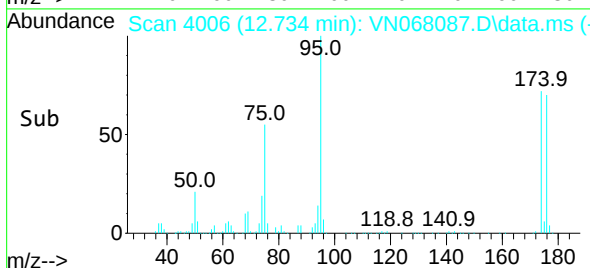
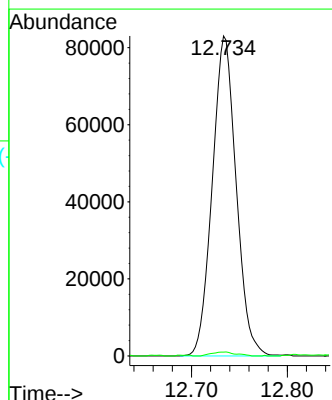
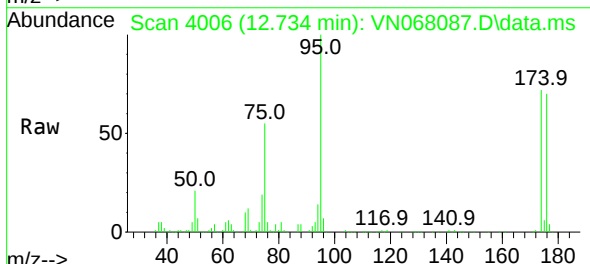
Instrument :
MSVOA_N
ClientSampled :

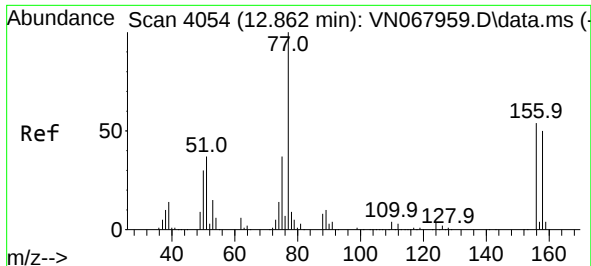
Tgt Ion: 83 Resp: 1660
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 68.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 31.110 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 75 Resp: 143595
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

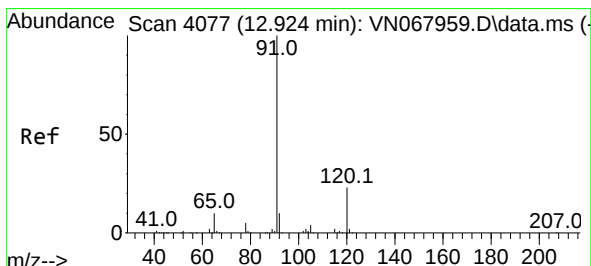
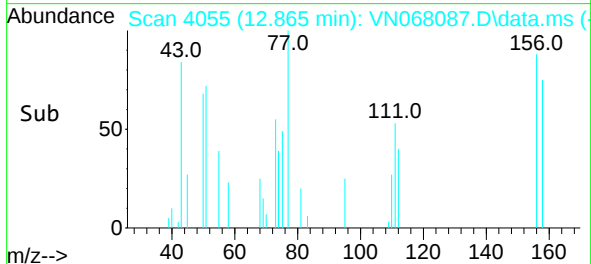
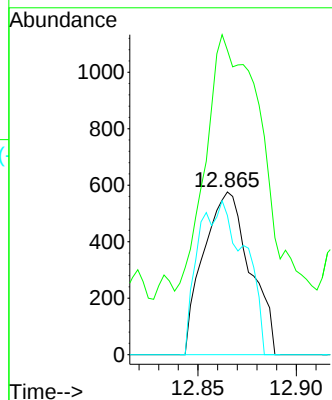
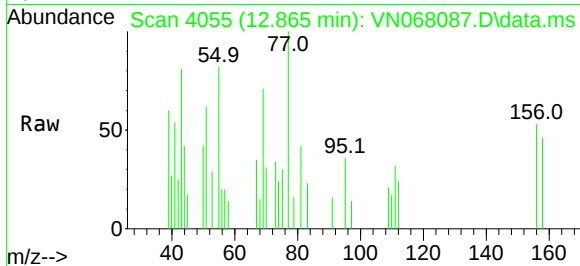




#77
Bromobenzene
Concen: 0.220 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

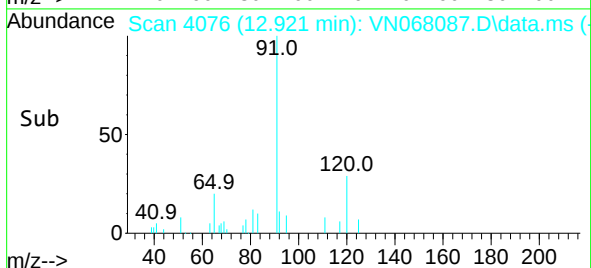
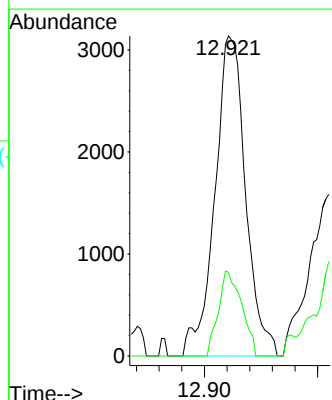
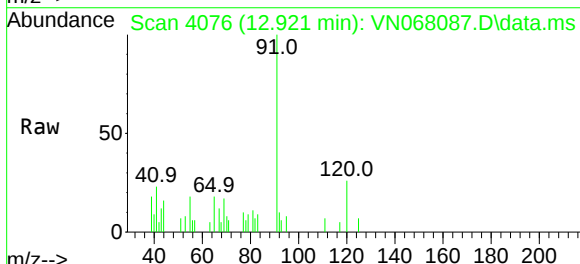
Instrument :
MSVOA_N
ClientSampled :

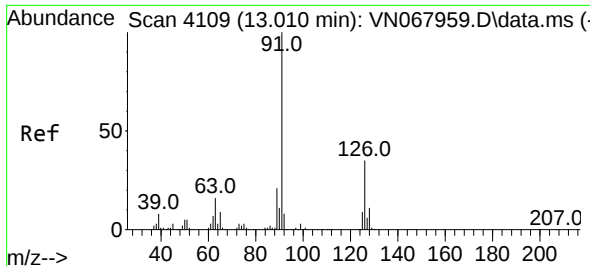
Tgt Ion:156 Resp: 946
Ion Ratio Lower Upper
156 100
77 198.7 136.2 408.6
158 94.5 48.4 145.3



#78
n-propylbenzene
Concen: 0.279 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 91 Resp: 5909
Ion Ratio Lower Upper
91 100
120 20.1 10.4 31.4

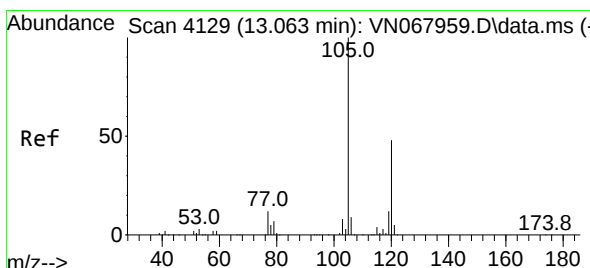
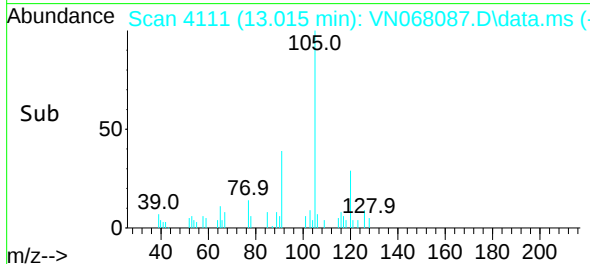
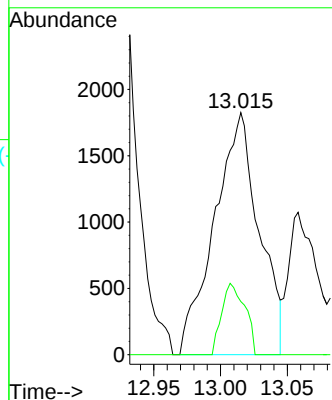
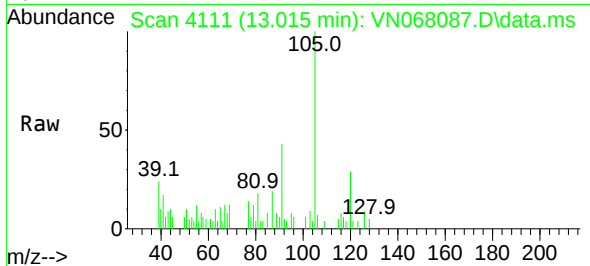




#79
2-Chlorotoluene
Concen: 0.329 ug/l
RT: 13.015 min Scan# 4111
Delta R.T. 0.005 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

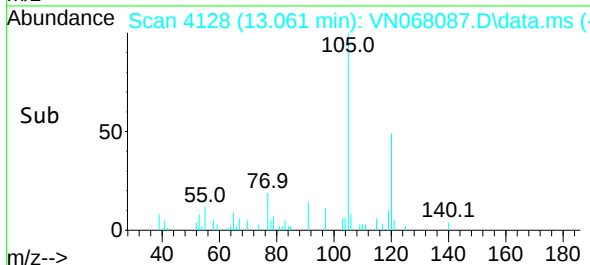
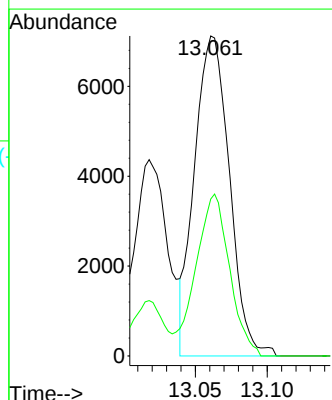
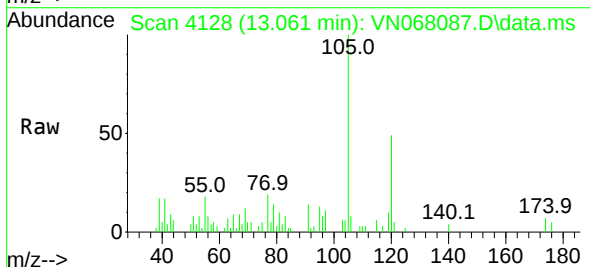
Instrument :
MSVOA_N
ClientSampled :

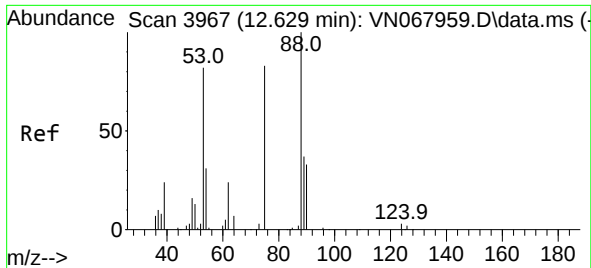
Tgt Ion: 91 Resp: 4246
Ion Ratio Lower Upper
91 100
126 15.3 14.5 43.5



#80
1,3,5-Trimethylbenzene
Concen: 0.792 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 105 Resp: 12040
Ion Ratio Lower Upper
105 100
120 49.0 22.2 66.6

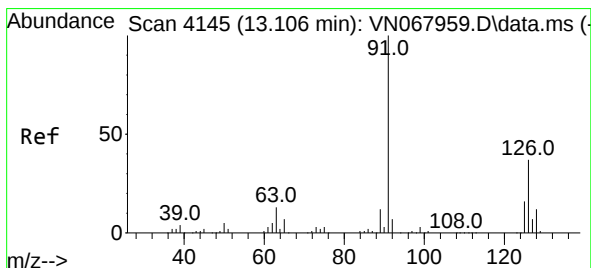
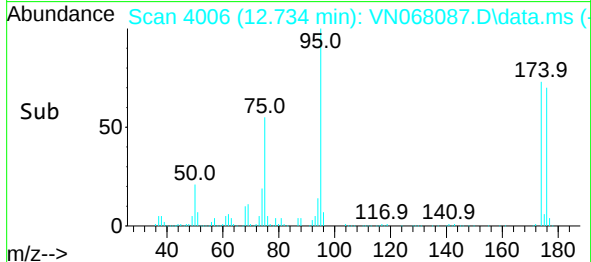
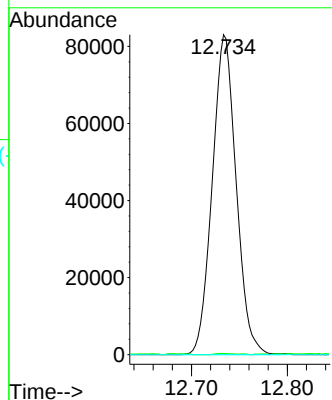
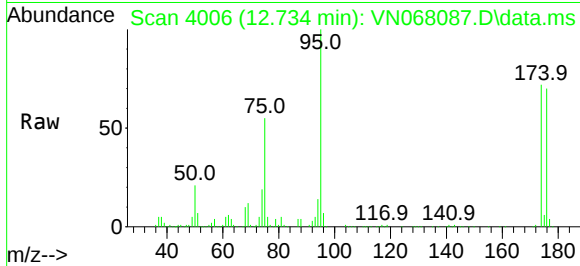




#81
trans-1,4-Dichloro-2-butene
Concen: 83.702 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

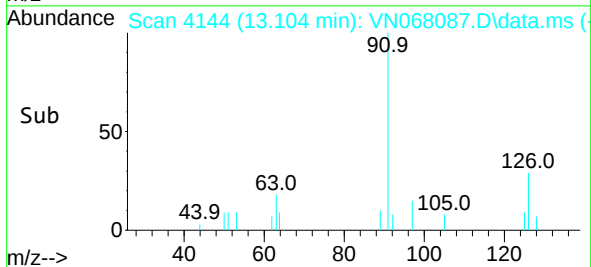
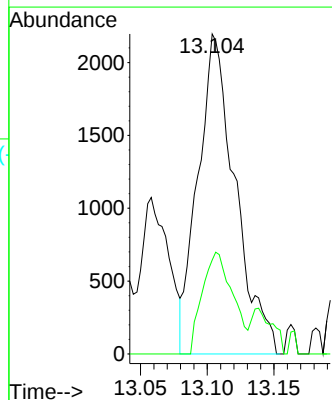
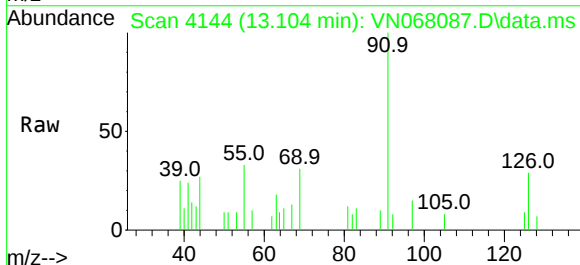
Instrument :
MSVOA_N
ClientSampleId :

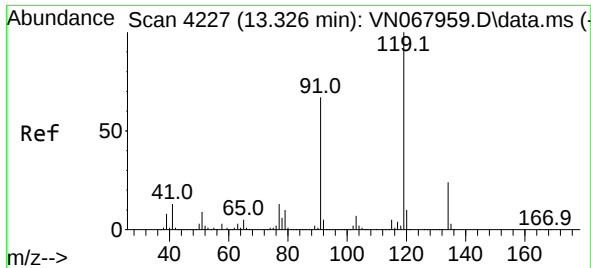
Tgt Ion: 75 Resp: 143595
Ion Ratio Lower Upper
75 100
53 0.3 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.328 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 91 Resp: 4253
Ion Ratio Lower Upper
91 100
126 26.3 14.8 44.4

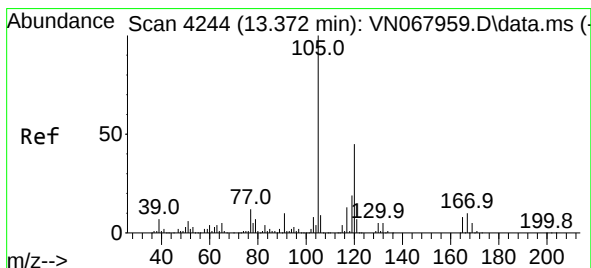
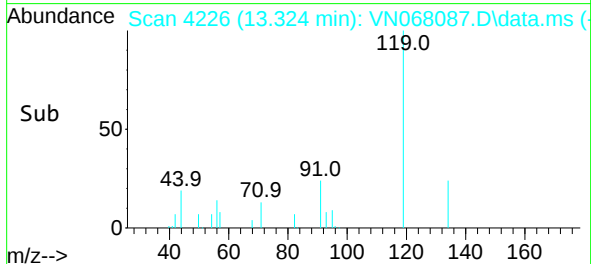
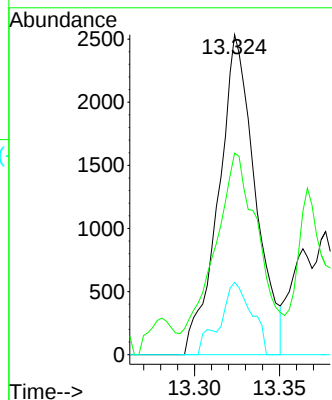
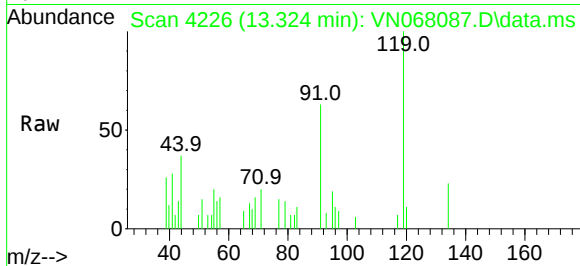




#83
tert-Butylbenzene
Concen: 0.301 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

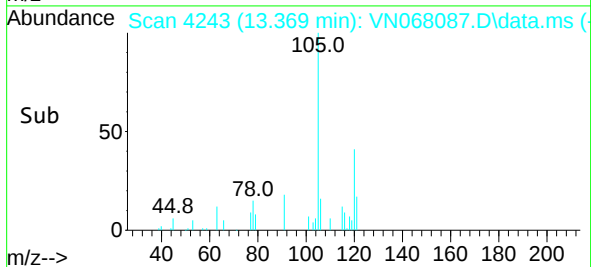
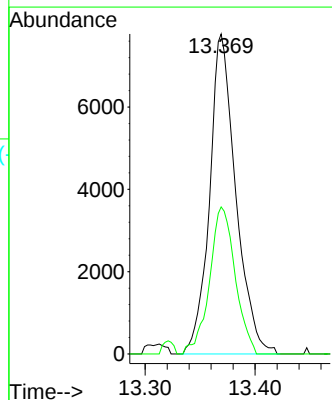
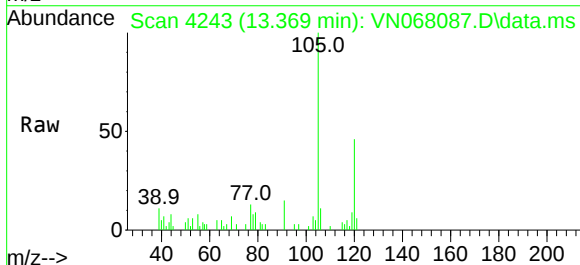
Instrument :
MSVOA_N
ClientSampleId :

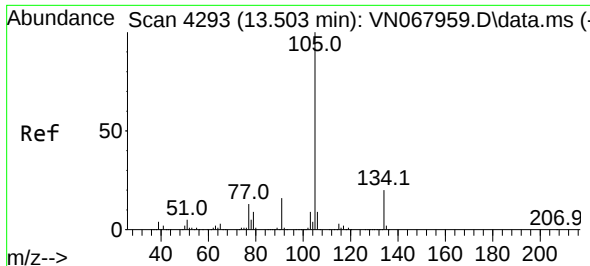
Tgt Ion:119 Resp: 3806
Ion Ratio Lower Upper
119 100
91 62.1 39.5 118.5
134 19.5 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 0.874 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion:105 Resp: 12876
Ion Ratio Lower Upper
105 100
120 44.9 20.6 61.8

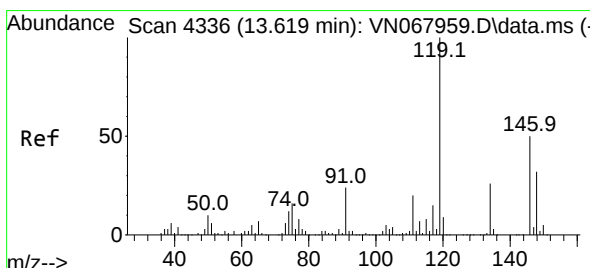
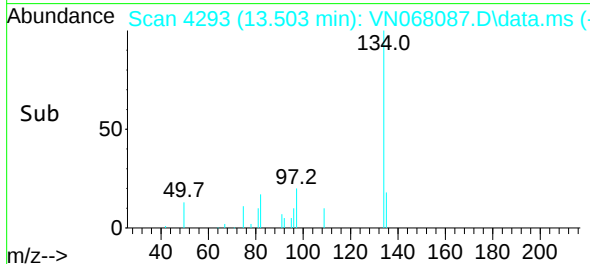
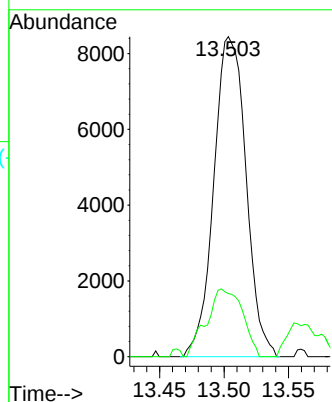
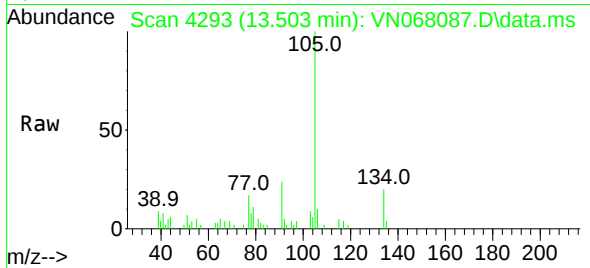




#85
 sec-Butylbenzene
 Concen: 0.831 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068087.D
 Acq: 12 Aug 2021 14:12

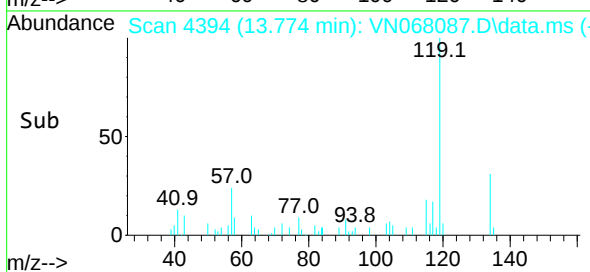
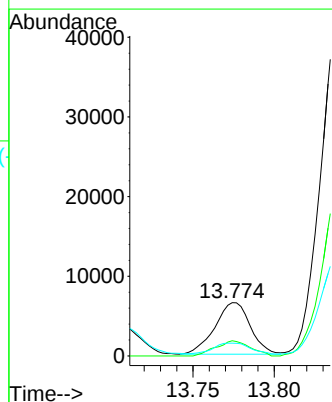
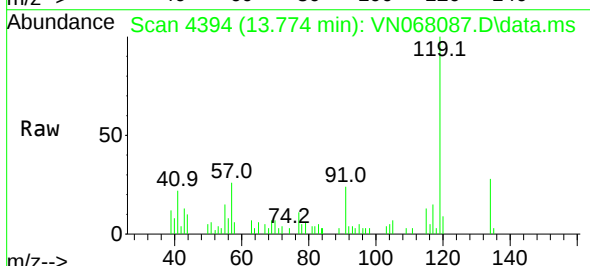
Instrument :
 MSVOA_N
 ClientSampled :

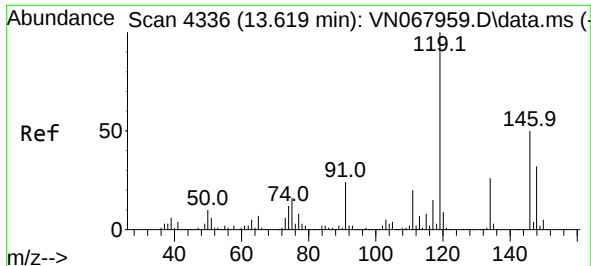
Tgt Ion:105 Resp: 14688
 Ion Ratio Lower Upper
 105 100
 134 23.6 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 0.697 ug/l
 RT: 13.774 min Scan# 4394
 Delta R.T. 0.155 min
 Lab File: VN068087.D
 Acq: 12 Aug 2021 14:12

Tgt Ion:119 Resp: 9806
 Ion Ratio Lower Upper
 119 100
 134 28.7 12.4 37.4
 91 22.5 14.8 44.3



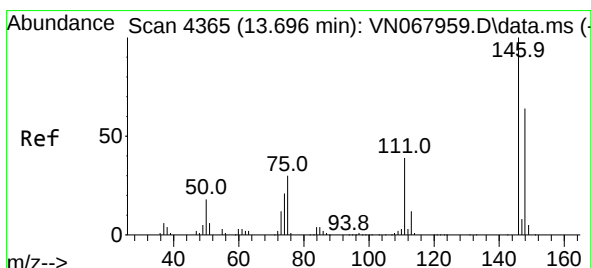
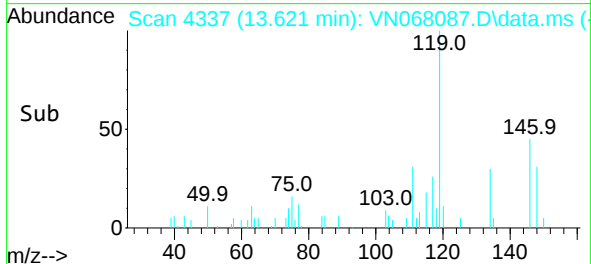
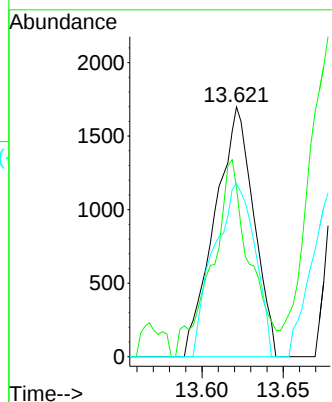
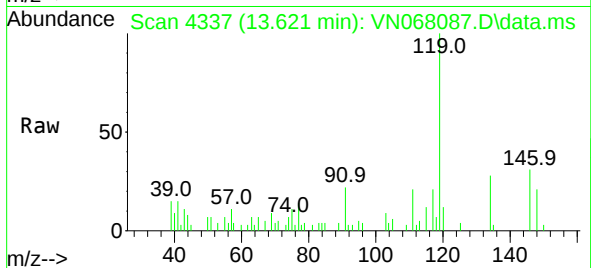


#87

1,3-Dichlorobenzene
Concen: 0.358 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.002 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Instrument :
MSVOA_N
ClientSampled :

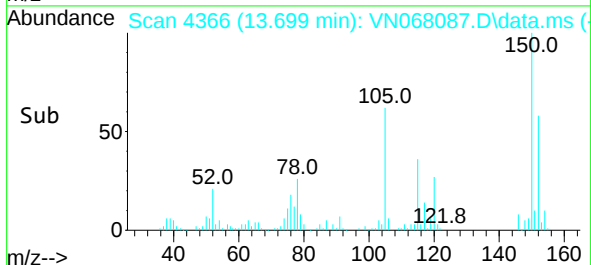
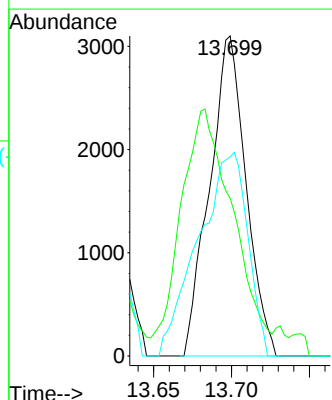
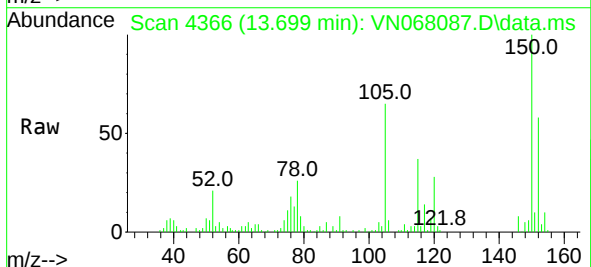
Tgt Ion:146 Resp: 2828
Ion Ratio Lower Upper
146 100
111 76.9 24.3 72.8#
148 72.7 32.0 96.0

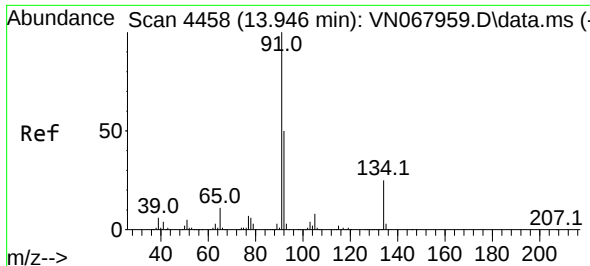


#88

1,4-Dichlorobenzene
Concen: 0.644 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion:146 Resp: 5030
Ion Ratio Lower Upper
146 100
111 97.9 23.4 70.2#
148 86.2 31.8 95.3

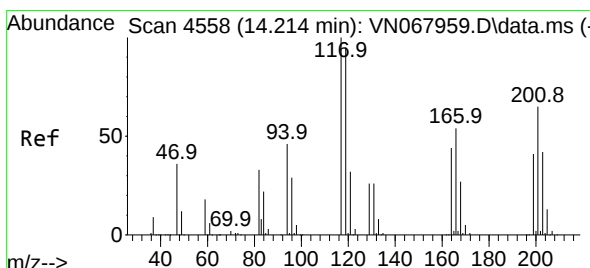
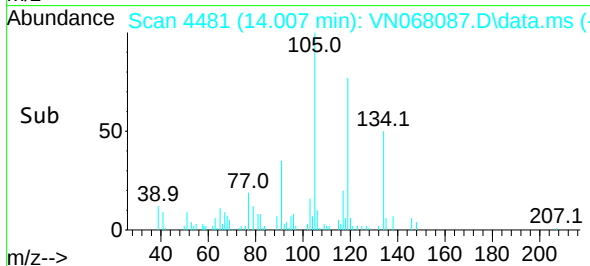
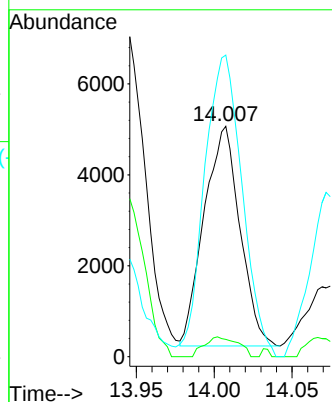
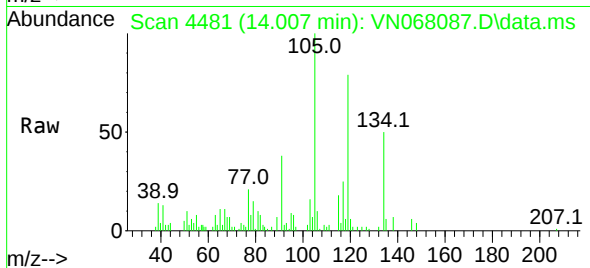




#89
n-Butylbenzene
Concen: 0.643 ug/l
RT: 14.007 min Scan# 4481
Delta R.T. 0.061 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

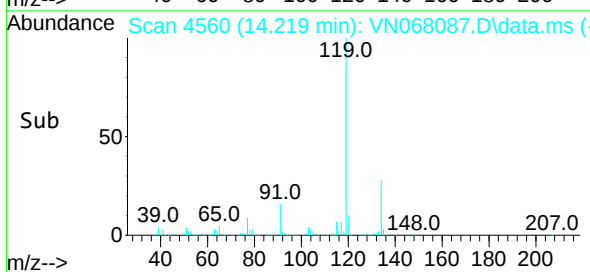
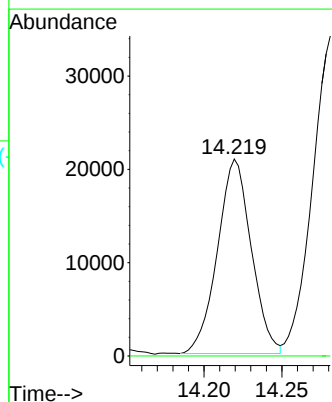
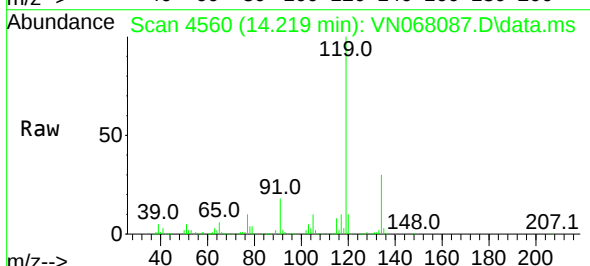
Instrument :
MSVOA_N
ClientSampled :

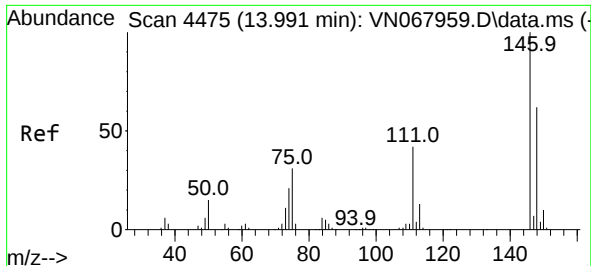
Tgt Ion: 91 Resp: 7755
Ion Ratio Lower Upper
91 100
92 8.4 25.7 77.1#
134 144.4 11.2 33.6#



#90
Hexachloroethane
Concen: 13.092 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.005 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion: 117 Resp: 31494
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#

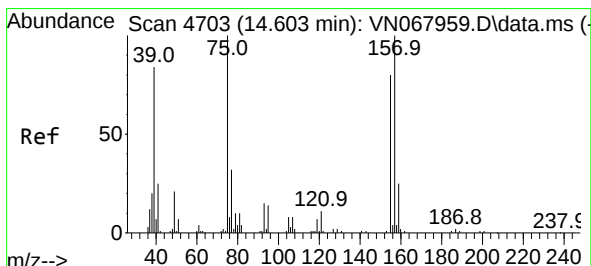
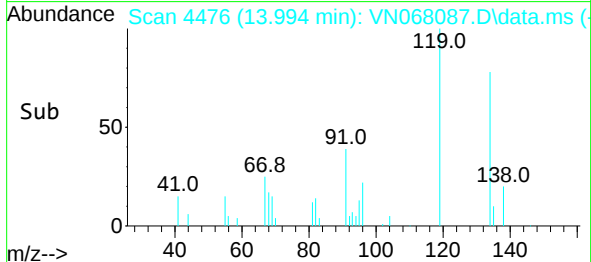
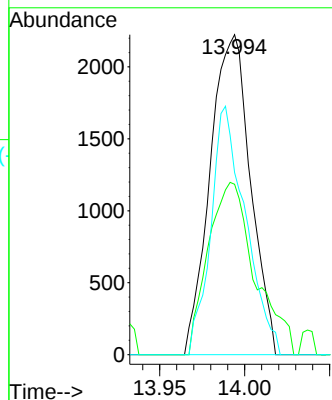
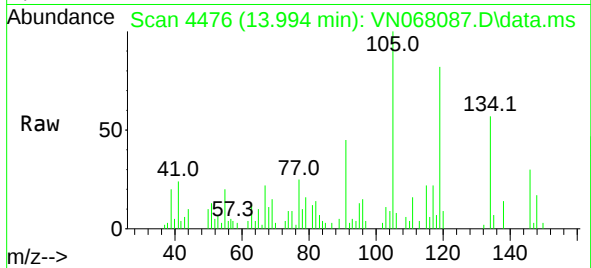




#91
1,2-Dichlorobenzene
Concen: 0.494 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

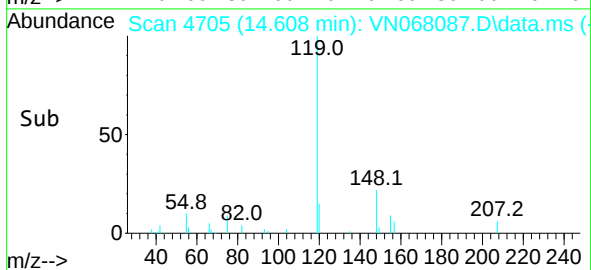
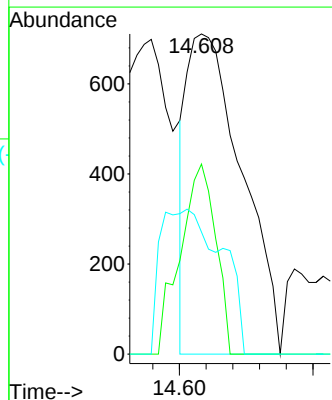
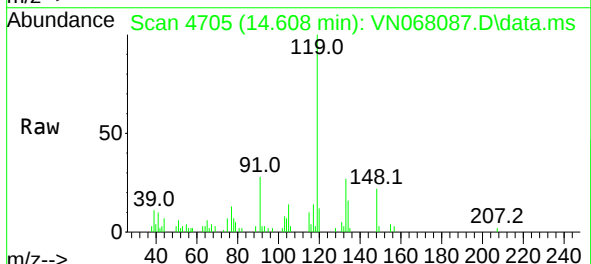
Instrument :
MSVOA_N
ClientSampled :

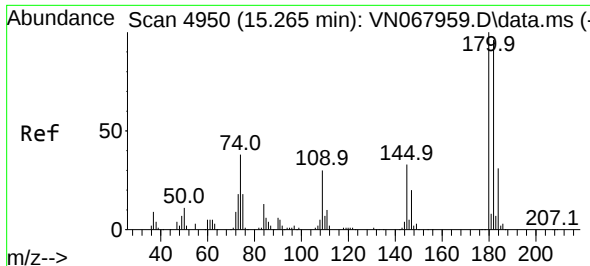
Tgt Ion:146 Resp: 3675
Ion Ratio Lower Upper
146 100
111 62.4 24.9 74.6
148 66.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.126 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.005 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

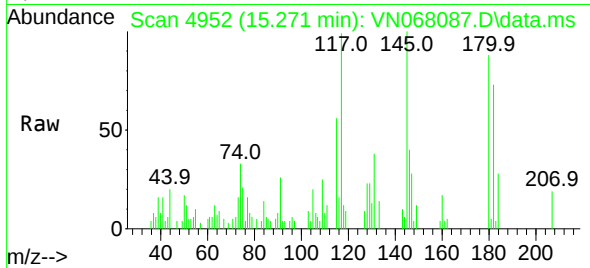
Tgt Ion: 75 Resp: 1019
Ion Ratio Lower Upper
75 100
155 38.1 29.8 89.5
157 50.3 37.6 112.8



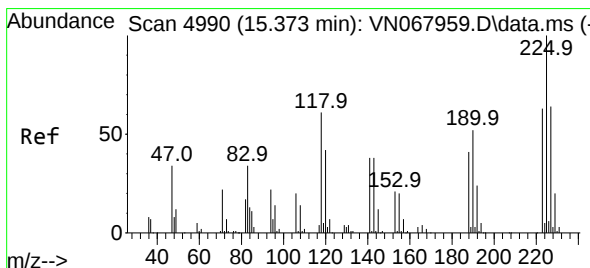
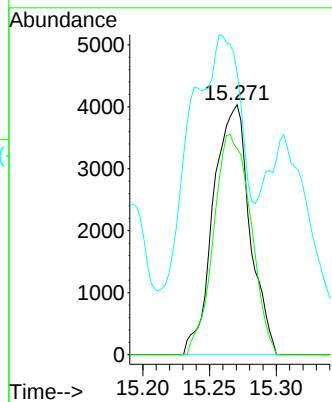
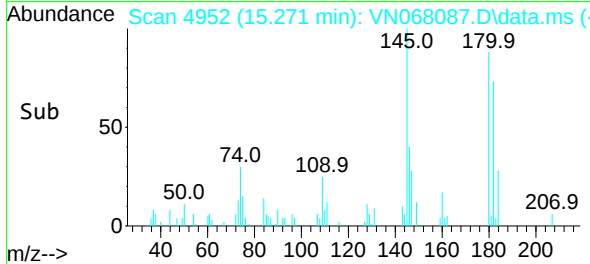


#93
1,2,4-Trichlorobenzene
Concen: 4.647 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

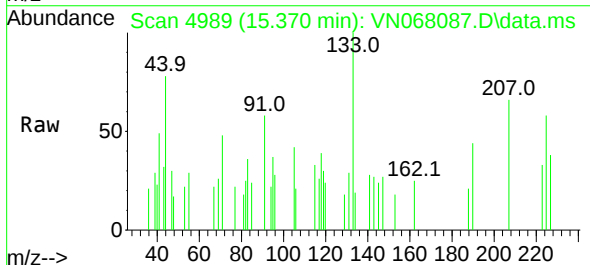
Instrument :
MSVOA_N
ClientSampled :



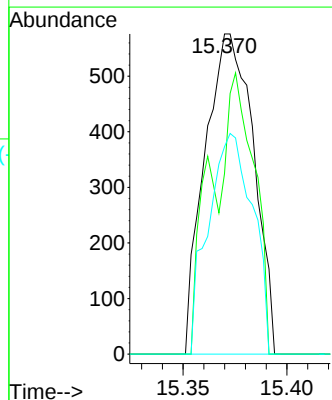
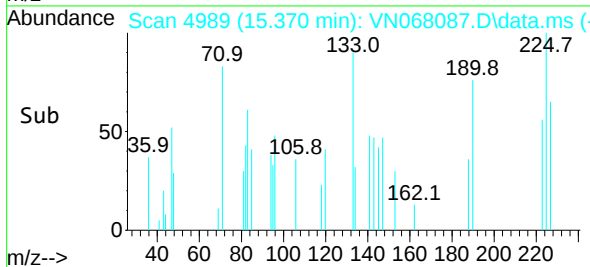
Tgt Ion:180 Resp: 7653
Ion Ratio Lower Upper
180 100
182 90.0 47.5 142.5
145 0.0 17.2 51.6#

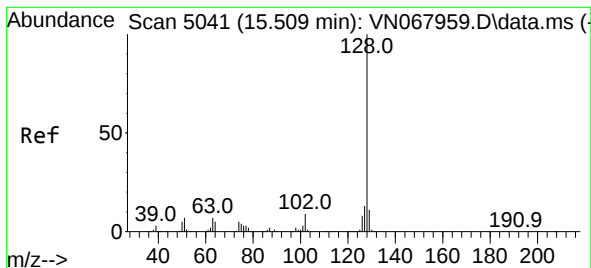


#94
Hexachlorobutadiene
Concen: 0.606 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12



Tgt Ion:225 Resp: 937
Ion Ratio Lower Upper
225 100
223 52.0 31.4 94.0
227 62.9 31.2 93.6

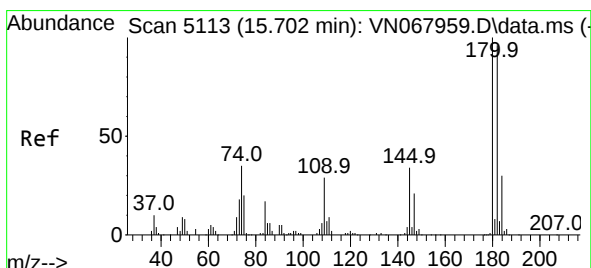
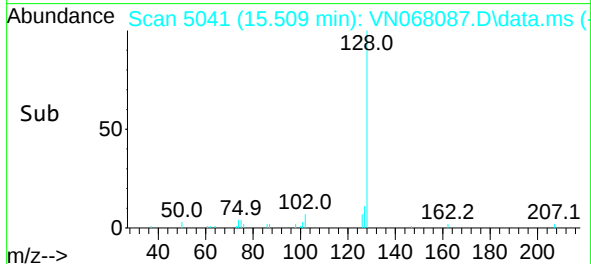
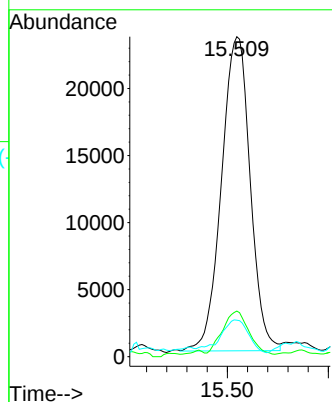
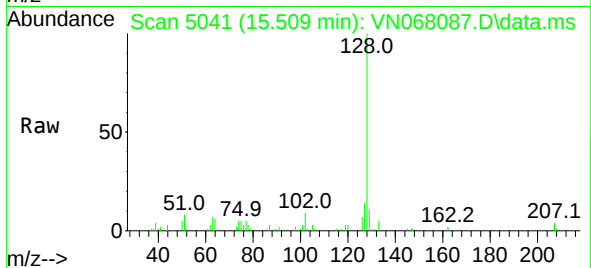




#95
Naphthalene
Concen: 7.648 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	46273
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	15.8
129	9.2	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 5.088 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068087.D
Acq: 12 Aug 2021 14:12

Tgt Ion:	180	Resp:	9020
Ion Ratio	Lower	Upper	
180	100		
182	98.0	47.8	143.3
145	0.0	18.2	54.6#

