

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069123.D
 Acq On : 22 Oct 2021 6:43
 Operator : JC/MD
 Sample : M4284-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 07:22:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	525140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	909737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	953801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	404252	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	343043	49.546	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.100%
35) Dibromofluoromethane	8.027	113	257864	48.719	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.440%
50) Toluene-d8	10.443	98	1180037	55.720	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.440%
62) 4-Bromofluorobenzene	12.734	95	491191	61.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	122.940%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.325	85	50	1.251	ug/l #	42
3) Chloromethane	2.298	50	2324	0.362	ug/l	99
8) Diethyl Ether	3.827	74	1439	0.423	ug/l #	3
11) Tert butyl alcohol	5.409	59	397454	314.153	ug/l	100
13) Acrolein	4.049	56	2606	4.656	ug/l	85
14) Allyl chloride	4.951	41	5886	0.647	ug/l #	1
15) Acrylonitrile	5.624	53	3443	1.215	ug/l #	27
16) Acetone	4.323	43	944203	365.428	ug/l	98
18) Methyl Acetate	4.870	43	18231	1.860	ug/l	97
19) Methyl tert-butyl Ether	5.626	73	524798	27.776	ug/l	98
20) Methylene Chloride	5.098	84	3905	0.657	ug/l #	76
22) Diisopropyl ether	6.501	45	518221	27.395	ug/l	91
23) Vinyl Acetate	6.501	43	256564	17.941	ug/l #	73
25) 2-Butanone	7.343	43	21423651	5483.150	ug/l	92
26) 2,2-Dichloropropane	7.327	77	3572	0.365	ug/l #	53
29) Tetrahydrofuran	7.689	42	60000	23.675	ug/l	95
31) Cyclohexane	8.094	56	50435	4.685	ug/l #	73
36) 1,1-Dichloropropene	8.088	75	42171	5.427	ug/l #	49
37) Ethyl Acetate	7.343	43	21423651	2669.473	ug/l #	68
38) Carbon Tetrachloride	8.086	117	53039	6.215	ug/l #	16
39) Methylcyclohexane	9.462	83	39756	3.975	ug/l	98
40) Benzene	8.461	78	7852506	331.863	ug/l	100
41) Methacrylonitrile	7.675	41	96258	23.794	ug/l #	41
42) 1,2-Dichloroethane	8.461	62	68418	8.165	ug/l	76
43) Isopropyl Acetate	8.560	43	34023	2.403	ug/l #	64
48) Methyl methacrylate	9.534	41	15521	2.333	ug/l #	45
49) 1,4-Dioxane	9.580	88	543	39.672	ug/l #	23
51) 4-Methyl-2-Pentanone	10.336	43	66738	8.128	ug/l	96
53) t-1,3-Dichloropropene	10.510	75	322232	32.753	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	8144	1.357	ug/l #	21
58) 2-Chloroethyl Vinyl ether	10.057	63	109	18.792	ug/l #	47
59) 2-Hexanone	11.090	43	57642	9.790	ug/l	83
67) Ethyl Benzene	11.846	91	4823809	143.882	ug/l	100
68) m/p-Xylenes	11.953	106	6034316	474.797	ug/l	97
69) o-Xylene	12.283	106	3588079	282.050	ug/l	100
70) Styrene	12.283	104	218425	10.548	ug/l #	1

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

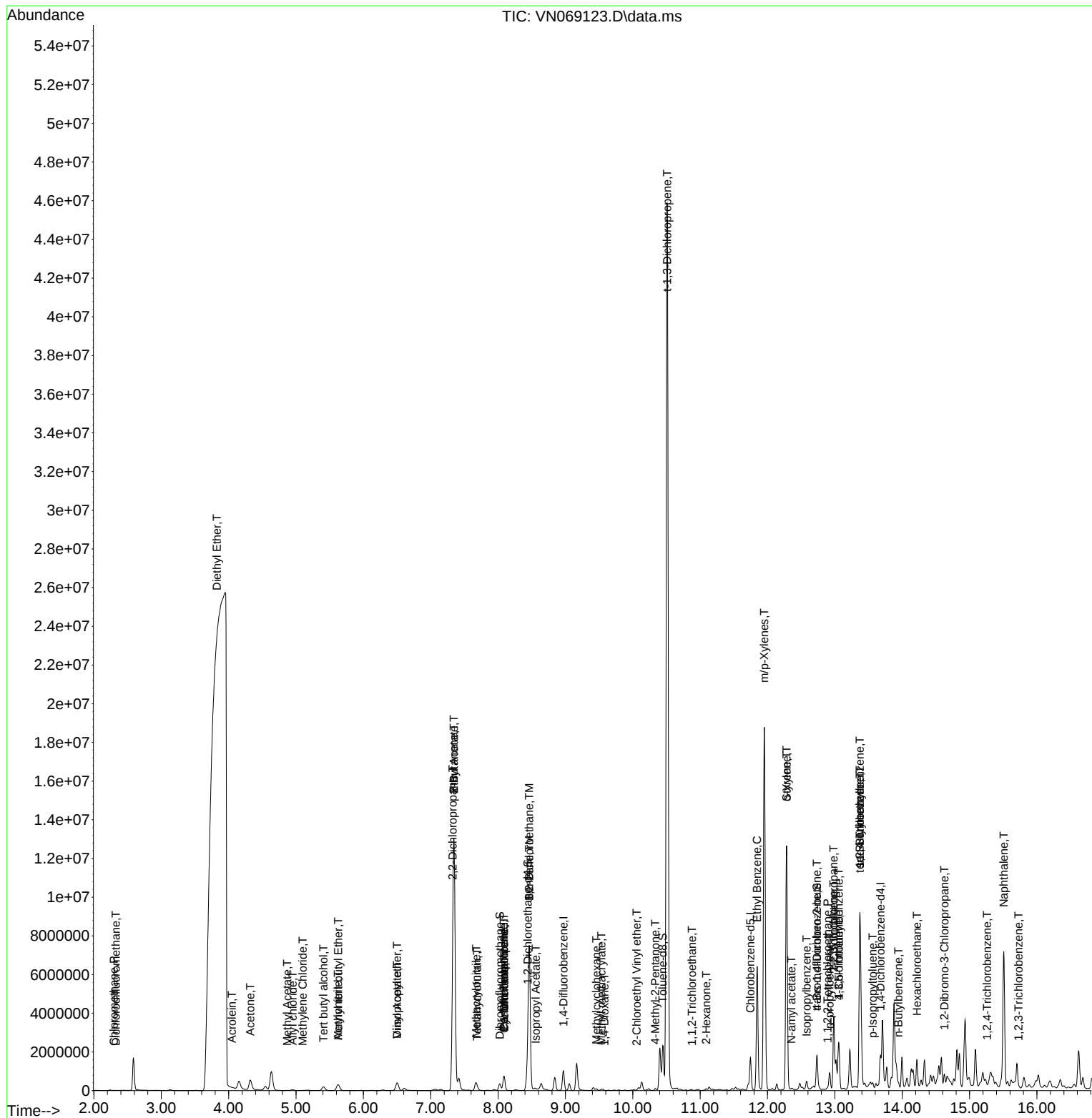
73) Isopropylbenzene	12.581	105	204781	6.086	ug/l	100
74) N-amyl acetate	12.355	43	18609	1.460	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.895	83	3693	0.380	ug/l #	25
76) 1,2,3-Trichloropropane	12.983	75	20159	2.344	ug/l #	1
78) n-propylbenzene	12.921	91	682782	18.057	ug/l	100
79) 2-Chlorotoluene	12.983	91	286497	12.292	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.061	105	953793	34.032	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.734	75	234235	65.152	ug/l #	40
82) 4-Chlorotoluene	13.061	91	100971	4.483	ug/l #	43
83) tert-Butylbenzene	13.369	119	581814	23.847	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.372	105	5980755	221.479	ug/l	88
85) sec-Butylbenzene	13.372	105	5980755	177.006	ug/l #	57
86) p-Isopropyltoluene	13.562	119	114741	4.234	ug/l	97
89) n-Butylbenzene	13.943	91	130855	5.800	ug/l #	78
90) Hexachloroethane	14.219	117	64196	11.276	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.627	75	652	0.348	ug/l #	19
93) 1,2,4-Trichlorobenzene	15.263	180	308	2.644	ug/l #	38
95) Naphthalene	15.507	128	6292485	313.651	ug/l	100
96) 1,2,3-Trichlorobenzene	15.729	180	870	2.642	ug/l #	12

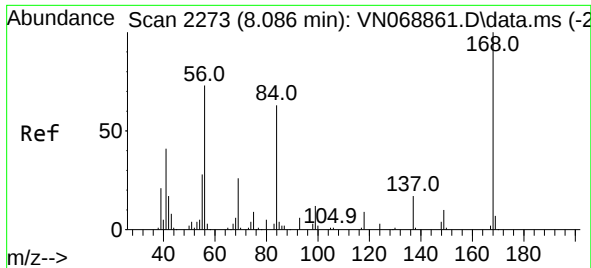
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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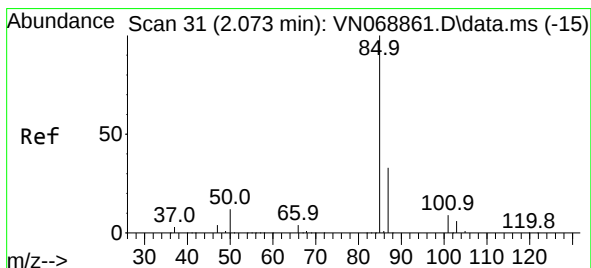
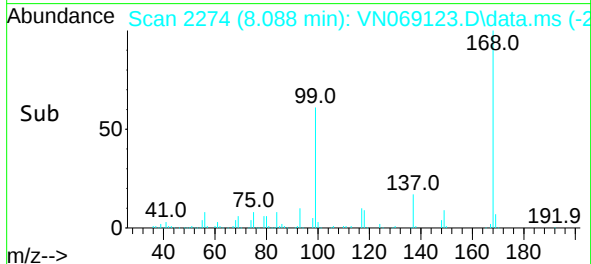
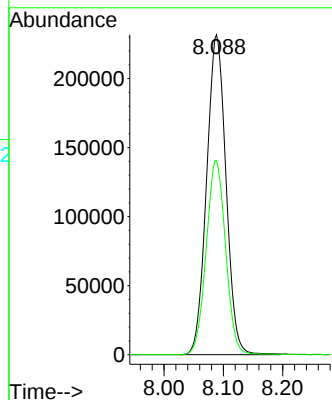
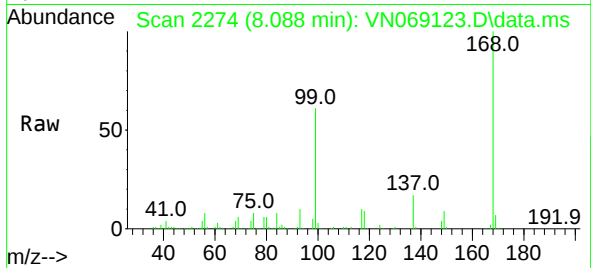




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

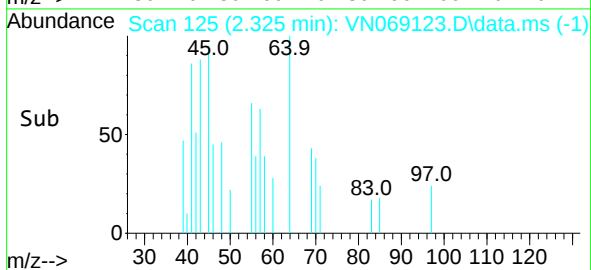
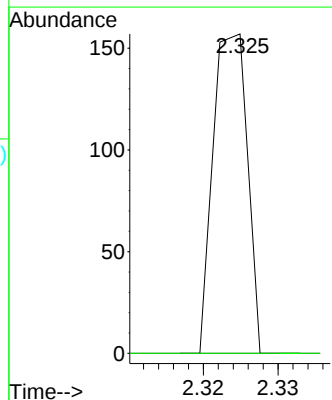
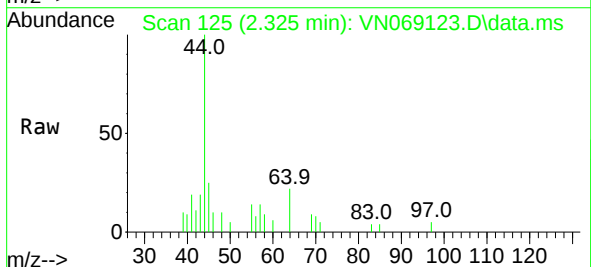
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MSVOA_N
ClientSampled :

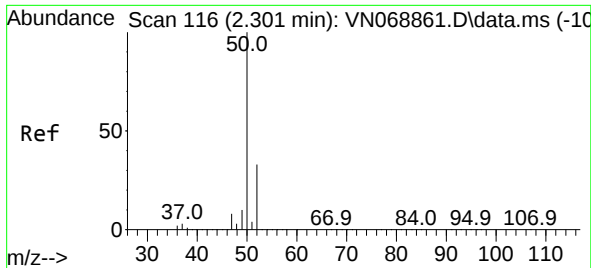
Tgt Ion:168 Resp: 525140
Ion Ratio Lower Upper
168 100
99 60.6 48.9 73.3



#2
Dichlorodifluoromethane
Concen: 1.251 ug/l
RT: 2.325 min Scan# 125
Delta R.T. 0.252 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 85 Resp: 50
Ion Ratio Lower Upper
85 100
87 0.0 16.3 48.8#

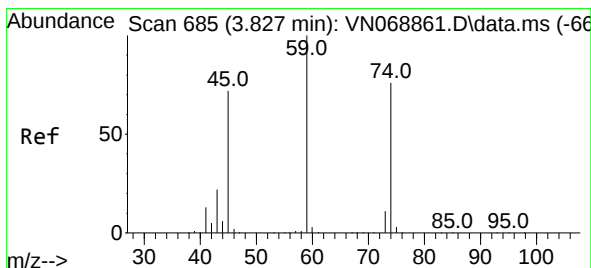
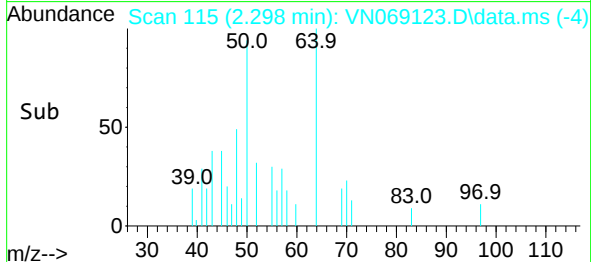
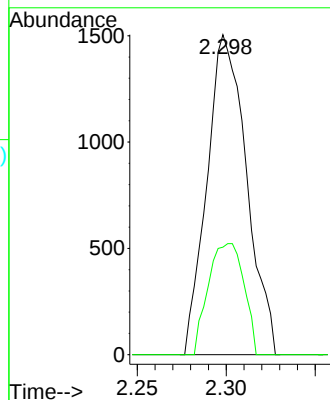
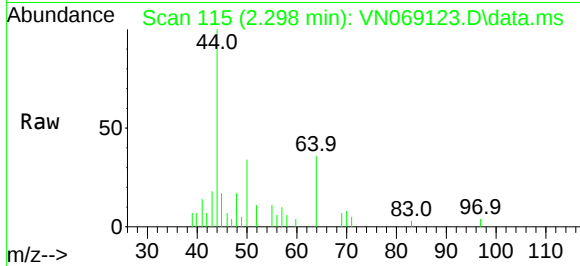




#3
Chloromethane
Concen: 0.362 ug/l
RT: 2.298 min Scan# 115
Delta R.T. -0.002 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

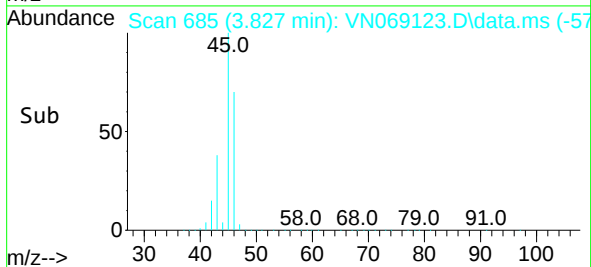
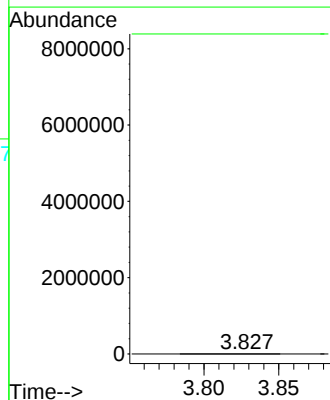
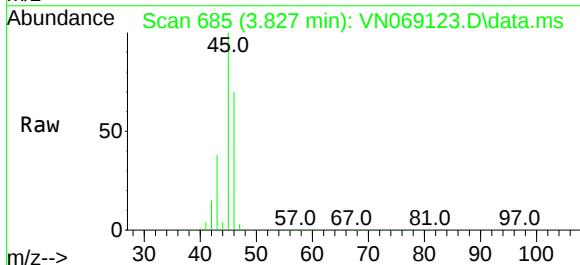
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MSVOA_N
ClientSampleId :

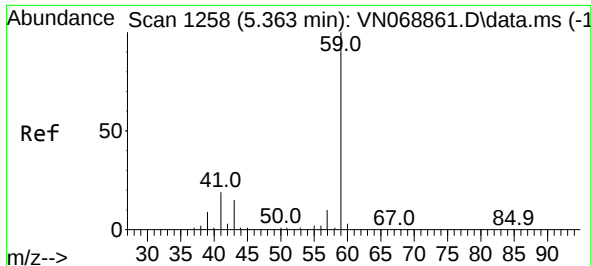
Tgt Ion: 50 Resp: 2324
Ion Ratio Lower Upper
50 100
52 33.6 26.3 39.5



#8
Diethyl Ether
Concen: 0.423 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 74 Resp: 1439
Ion Ratio Lower Upper
74 100
45 0.0 47.0 141.2#



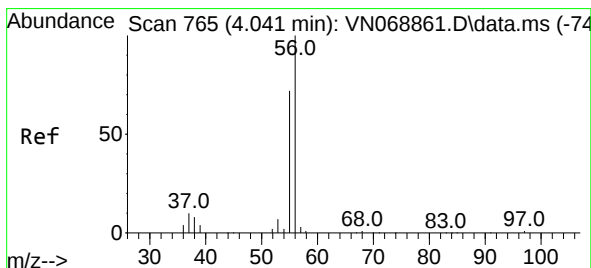
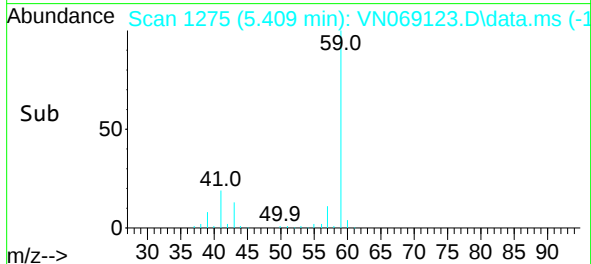
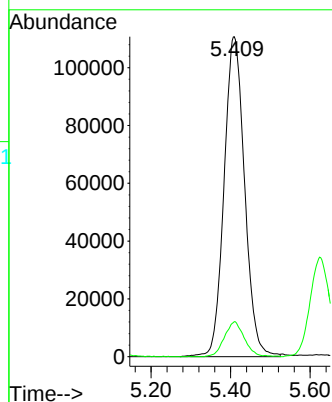
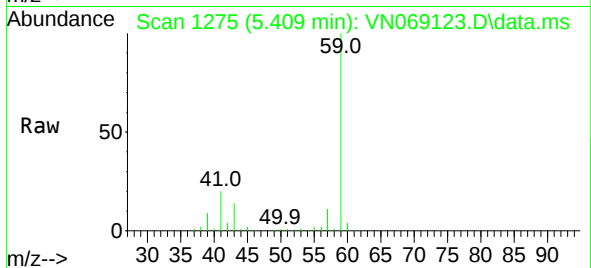


#11

Tert butyl alcohol
Concen: 314.153 ug/l
RT: 5.409 min Scan# 1275
Delta R.T. 0.046 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Instrument :
MSVOA_N
ClientSampled :

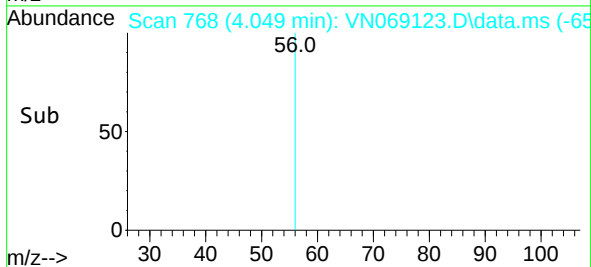
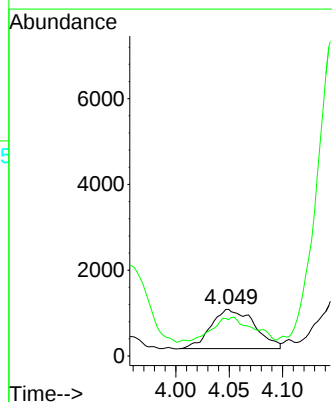
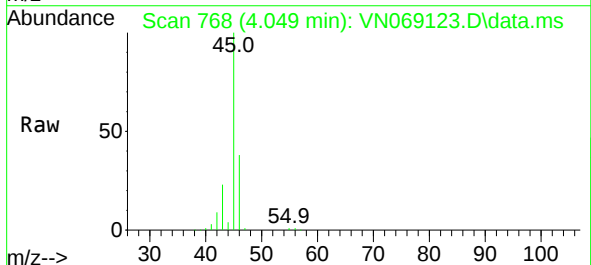
Tgt Ion: 59 Resp: 397454
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

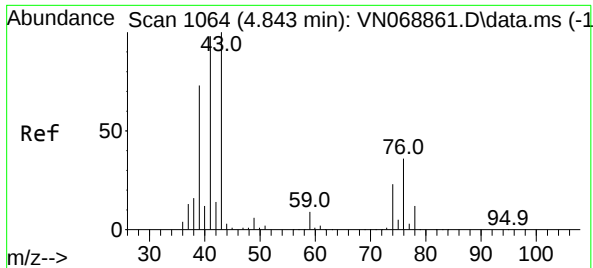


#13

Acrolein
Concen: 4.656 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.008 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 56 Resp: 2606
Ion Ratio Lower Upper
56 100
55 60.4 58.1 87.1





#14

Allyl chloride

Concen: 0.647 ug/l

RT: 4.951 min Scan# 1104

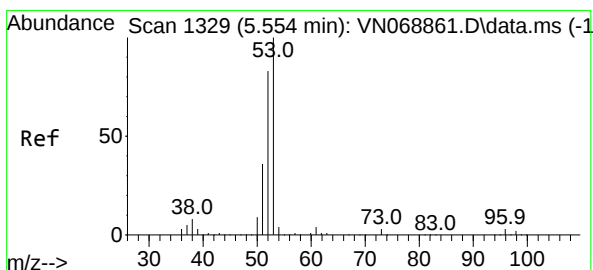
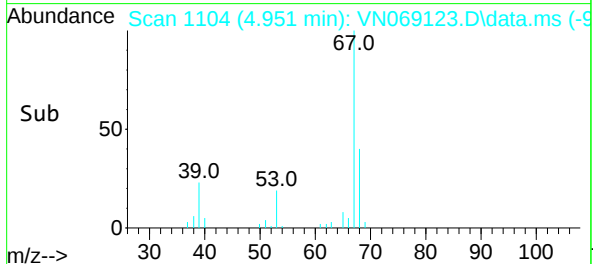
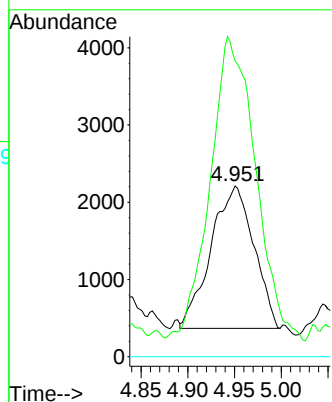
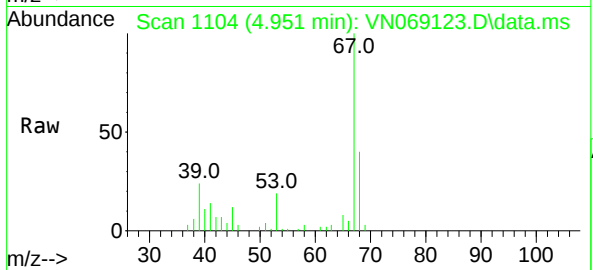
Delta R.T. 0.107 min

Lab File: VN069123.D

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Tgt Ion:	41	Resp:	5886
Ion	Ratio	Lower	Upper
41	100		
39	227.3	55.6	83.4#
76	0.0	26.4	39.6#

Instrument :
MSVOA_N
ClientSampleId :



#15

Acrylonitrile

Concen: 1.215 ug/l

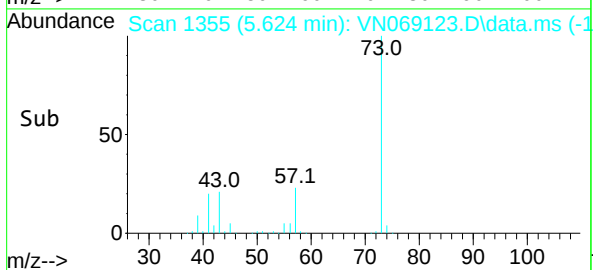
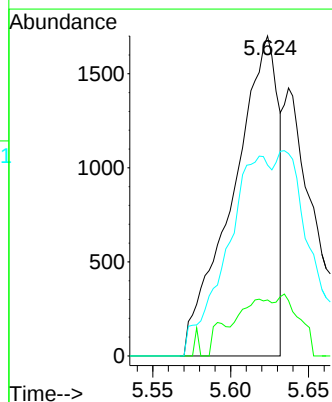
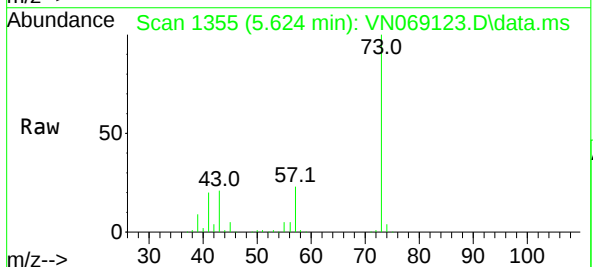
RT: 5.624 min Scan# 1355

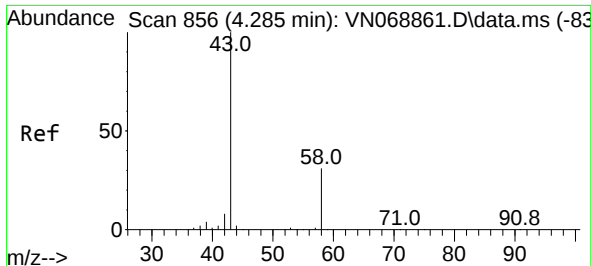
Delta R.T. 0.070 min

Lab File: VN069123.D

Acq: 22 Oct 2021 6:43

Tgt Ion:	53	Resp:	3443
Ion	Ratio	Lower	Upper
53	100		
52	5.5	65.7	98.5#
51	61.8	28.9	43.3#

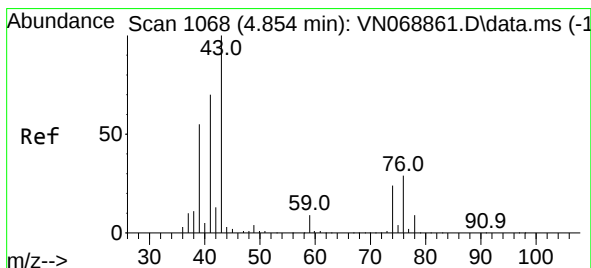
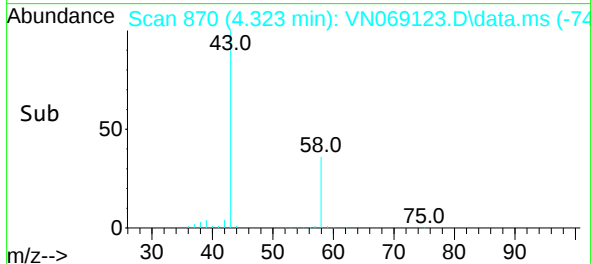
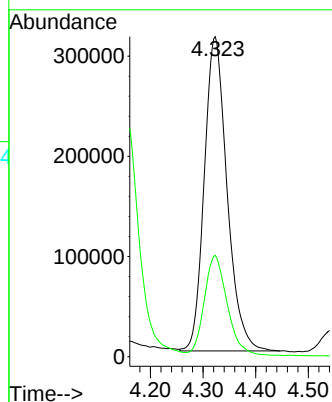
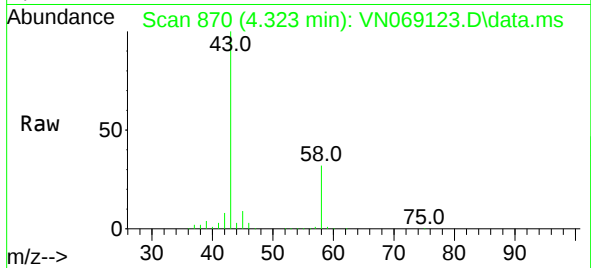




#16
Acetone
Concen: 365.428 ug/l
RT: 4.323 min Scan# 870
Delta R.T. 0.038 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

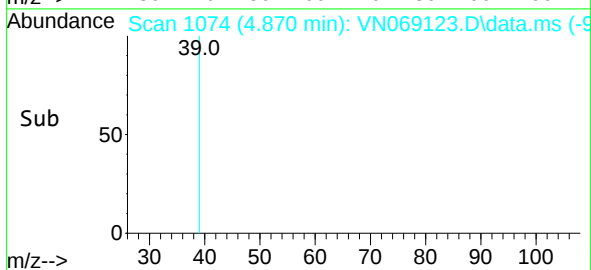
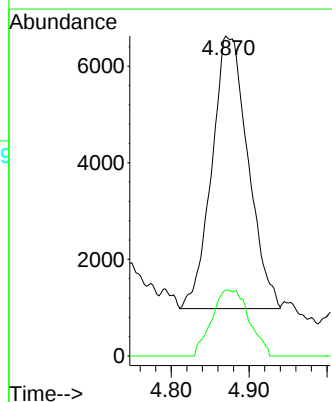
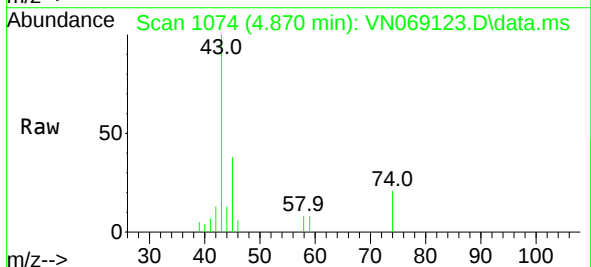
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MSVOA_N
ClientSampled :

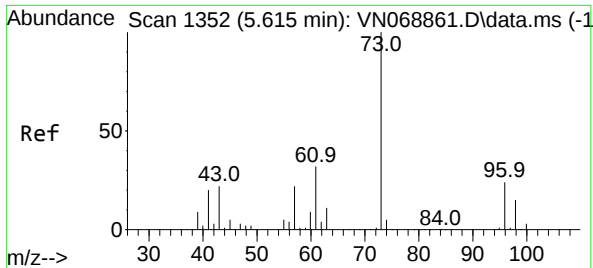
Tgt Ion: 43 Resp: 944203
Ion Ratio Lower Upper
43 100
58 31.8 24.5 36.7



#18
Methyl Acetate
Concen: 1.860 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.016 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 43 Resp: 18231
Ion Ratio Lower Upper
43 100
74 24.9 18.9 28.3



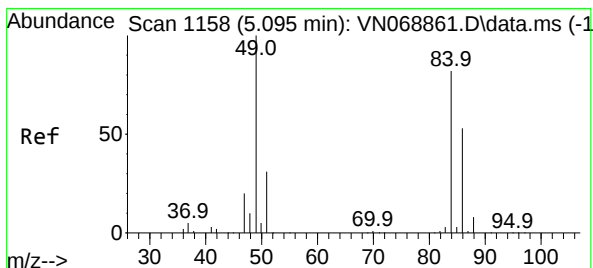
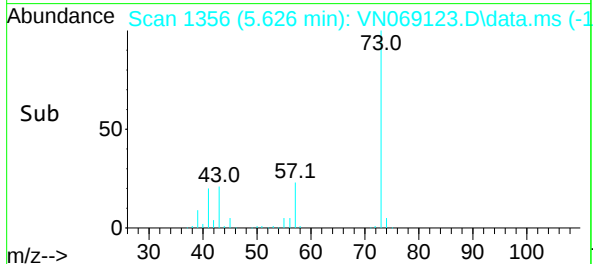
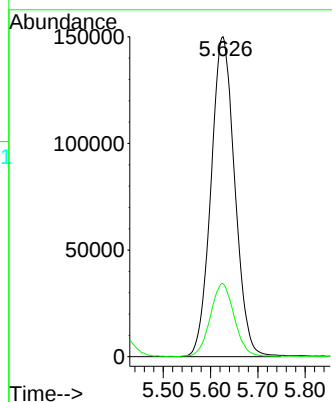
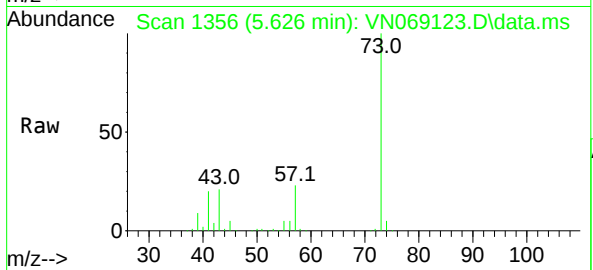


#19

Methyl tert-butyl Ether
Concen: 27.776 ug/l
RT: 5.626 min Scan# 1356
Delta R.T. 0.011 min
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ClientSampled :

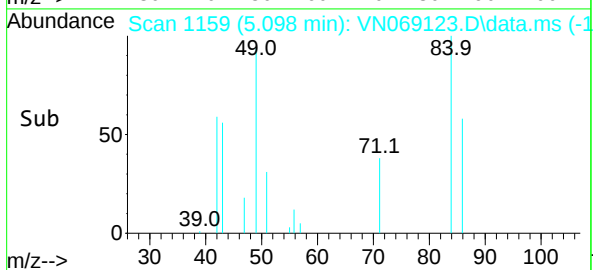
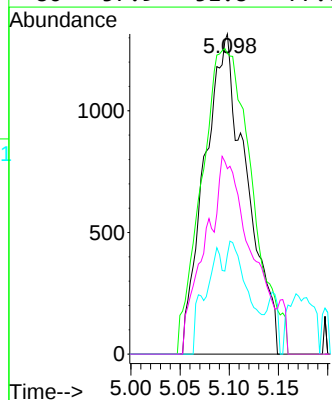
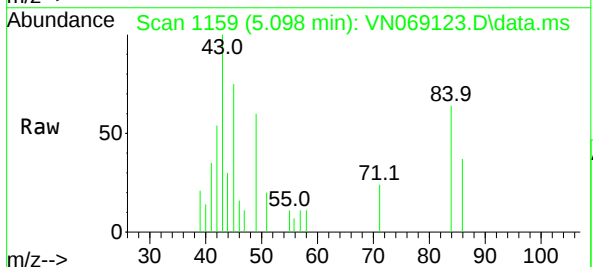
Tgt Ion: 73 Resp: 524798
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

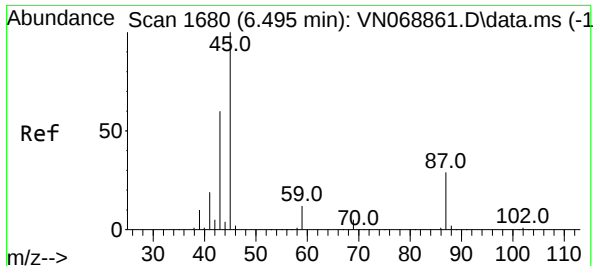


#20

Methylene Chloride
Concen: 0.657 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 84 Resp: 3905
Ion Ratio Lower Upper
84 100
49 81.8 97.6 146.4#
51 31.0 30.3 45.5
86 57.9 51.8 77.6





#22

Diisopropyl ether

Concen: 27.395 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VN069123.D

Acq: 22 Oct 2021 6:43

Tgt Ion: 45 Resp: 518221

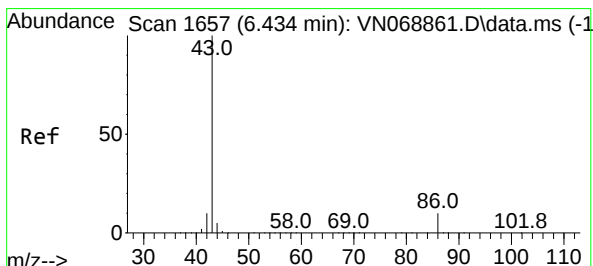
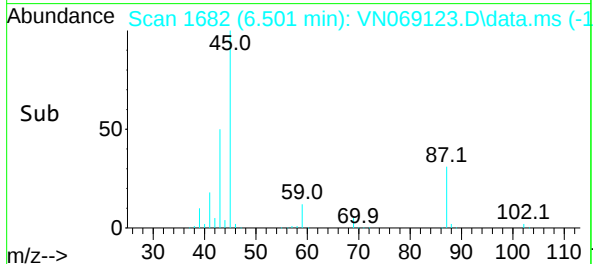
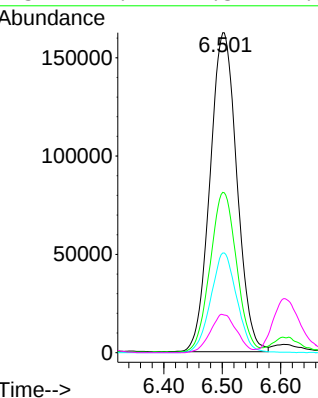
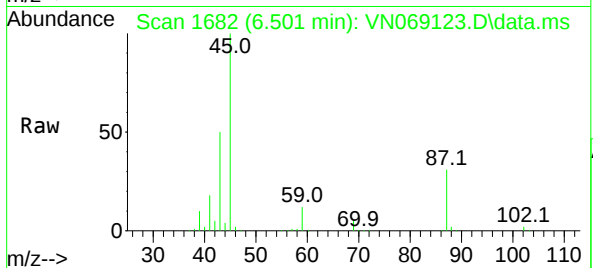
Ion Ratio Lower Upper

45 100

43 50.0 48.0 72.0

87 31.2 23.4 35.0

59 11.9 9.5 14.3



#23

Vinyl Acetate

Concen: 17.941 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.067 min

Lab File: VN069123.D

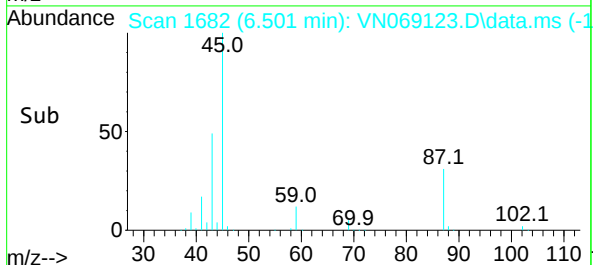
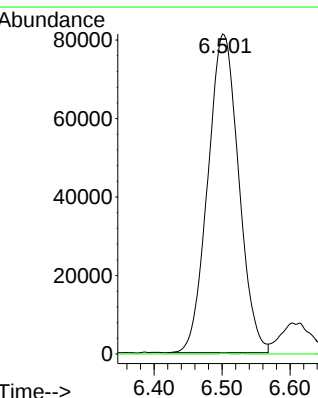
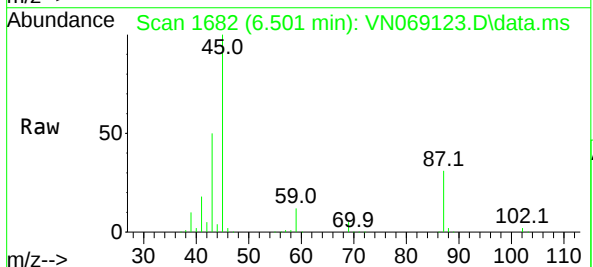
Acq: 22 Oct 2021 6:43

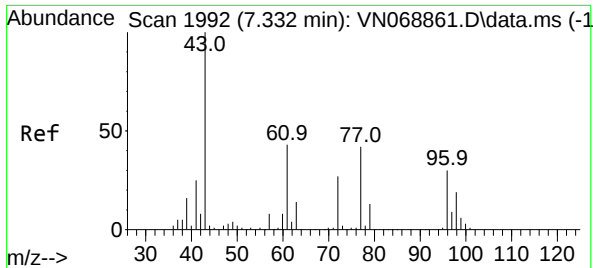
Tgt Ion: 43 Resp: 256564

Ion Ratio Lower Upper

43 100

86 0.2 8.3 12.5#

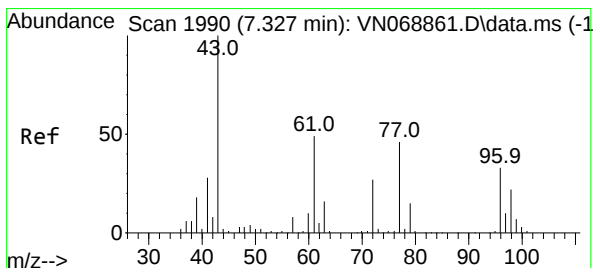
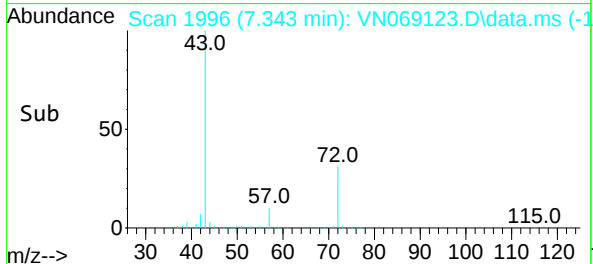
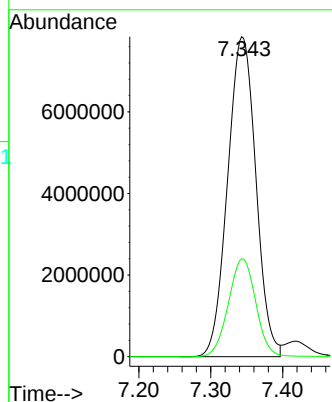
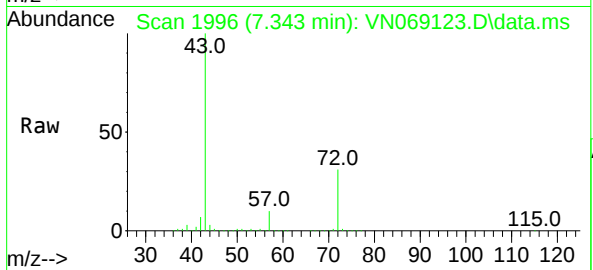




#25
2-Butanone
Concen: 5483.150 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.011 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

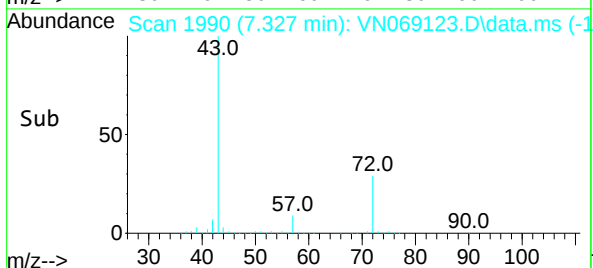
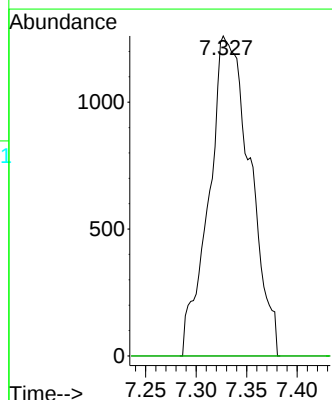
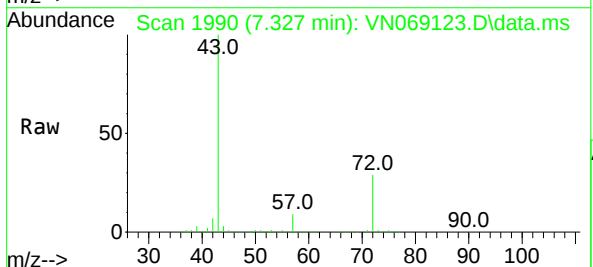
Instrument :
MSVOA_N
ClientSampled :

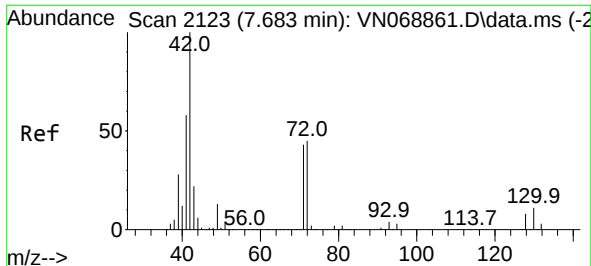
Tgt Ion: 43 Resp:21423651
Ion Ratio Lower Upper
43 100
72 30.6 21.2 31.8



#26
2,2-Dichloropropane
Concen: 0.365 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 77 Resp: 3572
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#





#29

Tetrahydrofuran

Concen: 23.675 ug/l

RT: 7.689 min Scan# 2125

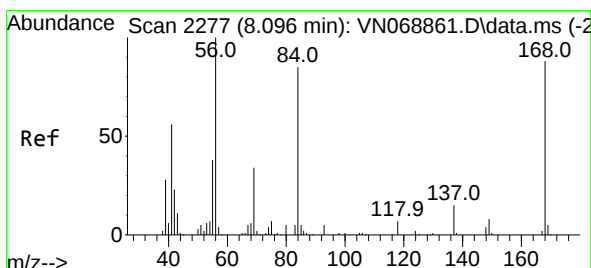
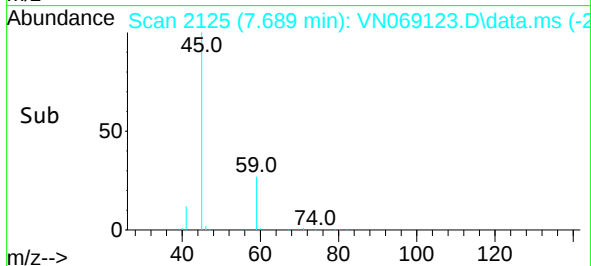
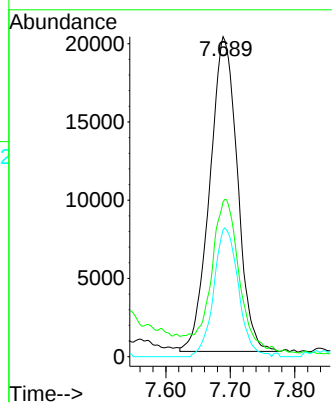
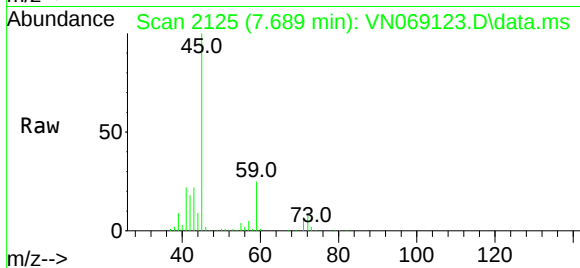
Delta R.T. 0.006 min

Lab File: VN069123.D

Acq: 22 Oct 2021 6:43

Tgt Ion:	42	Resp:	60000
Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.4	53.2
71	36.5	33.8	50.6

Instrument :
MSVOA_N
ClientSampled :



#31

Cyclohexane

Concen: 4.685 ug/l

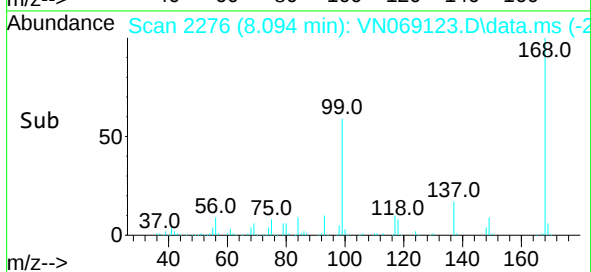
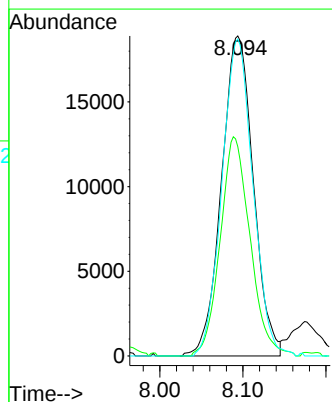
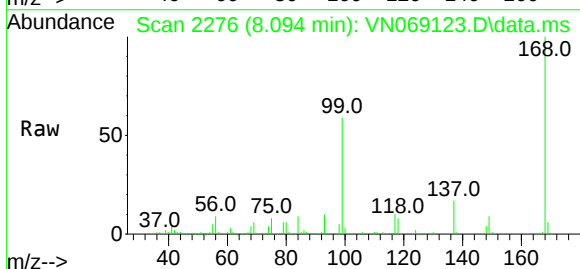
RT: 8.094 min Scan# 2276

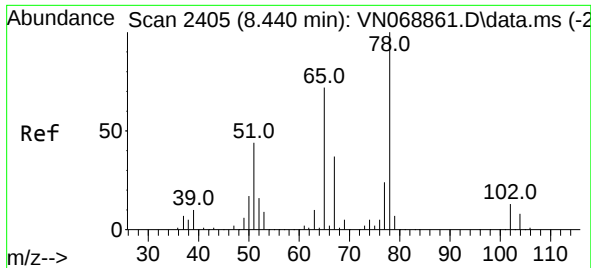
Delta R.T. -0.002 min

Lab File: VN069123.D

Acq: 22 Oct 2021 6:43

Tgt Ion:	56	Resp:	50435
Ion	Ratio	Lower	Upper
56	100		
69	65.4	26.9	40.3#
84	99.1	67.6	101.4

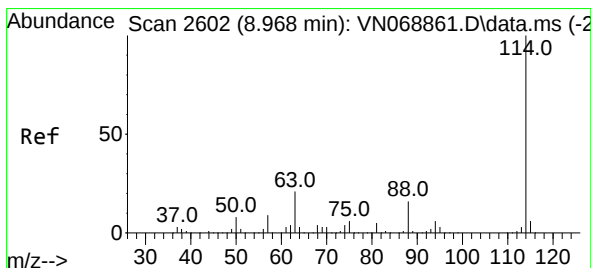
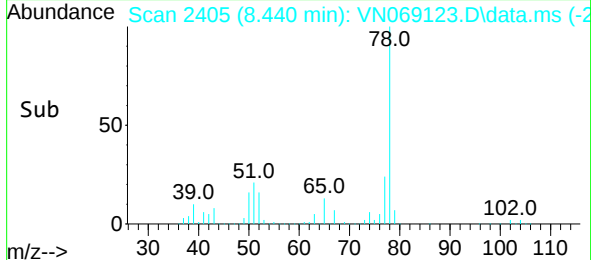
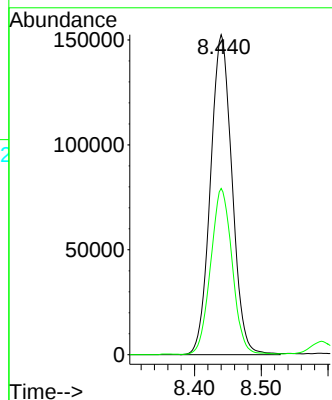
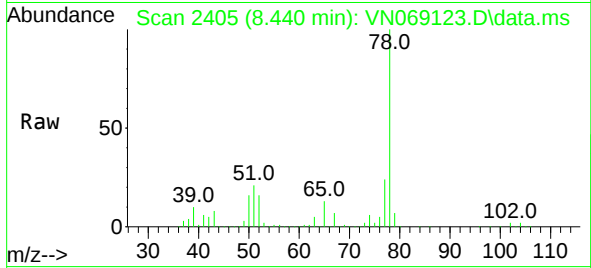




#33
1,2-Dichloroethane-d4
Concen: 49.546 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

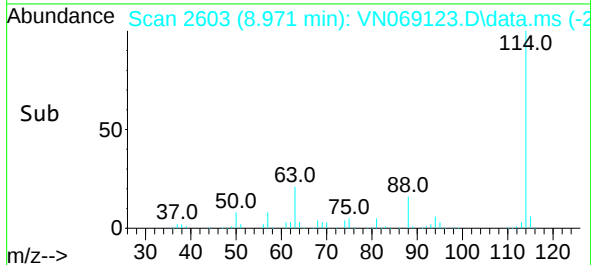
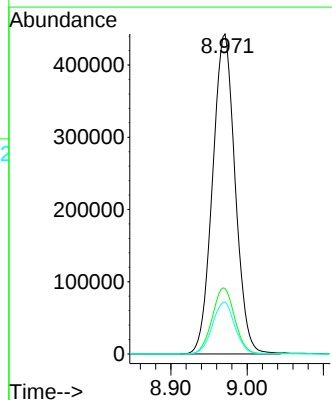
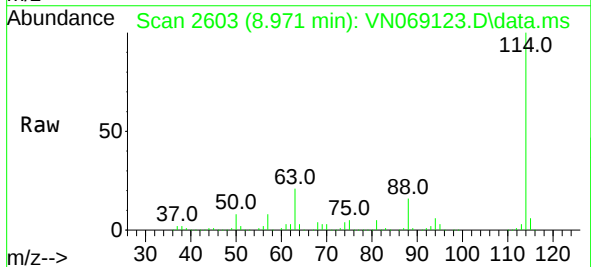
Instrument :
MSVOA_N
ClientSampled :

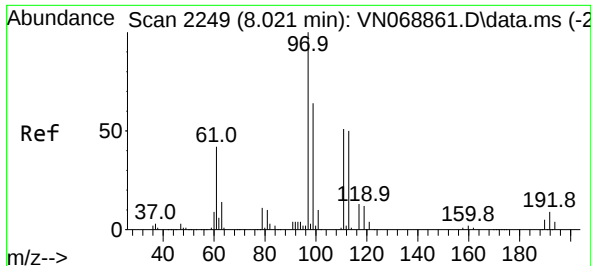
Tgt Ion: 65 Resp: 343043
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 114 Resp: 909737
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 16.2 0.0 32.0

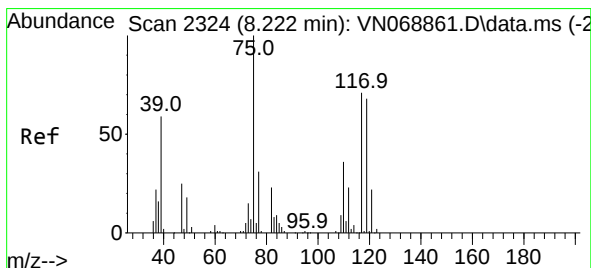
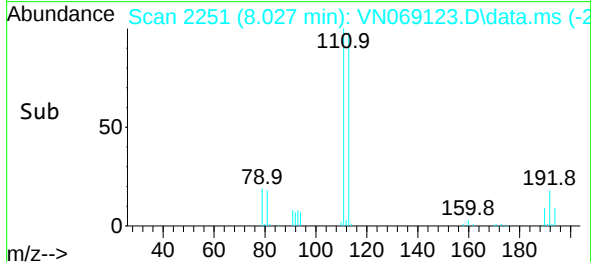
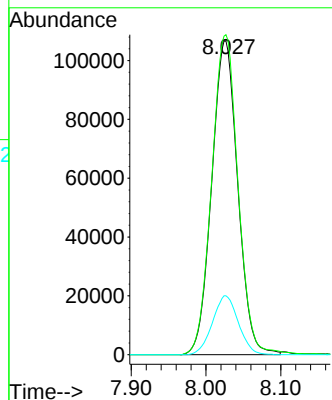
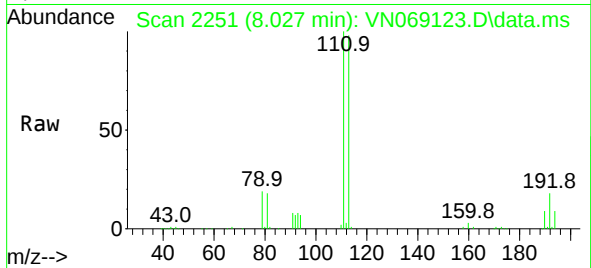




#35
Dibromofluoromethane
Concen: 48.719 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

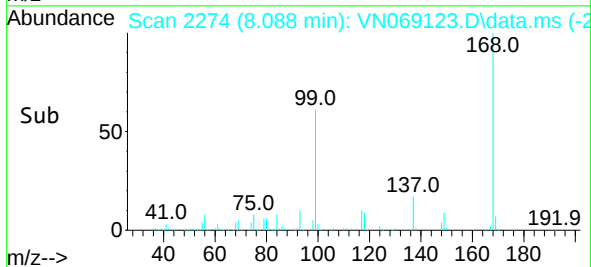
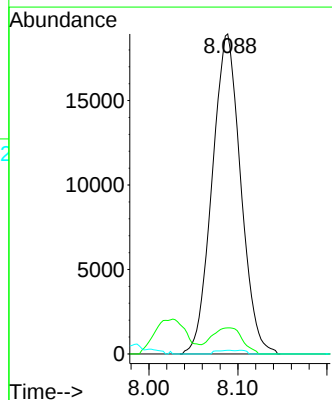
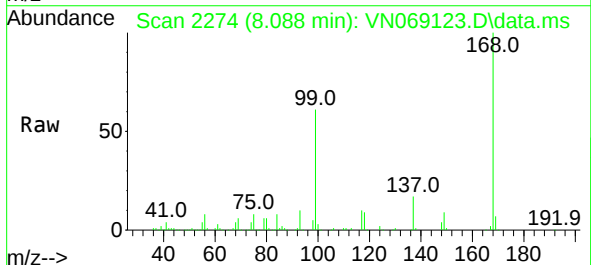
Instrument :
MSVOA_N
ClientSampled :

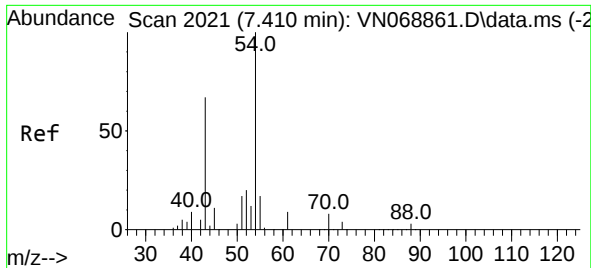
Tgt Ion:113 Resp: 257864
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 18.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.427 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 75 Resp: 42171
Ion Ratio Lower Upper
75 100
110 8.9 17.9 53.8#
77 0.0 24.7 37.1#

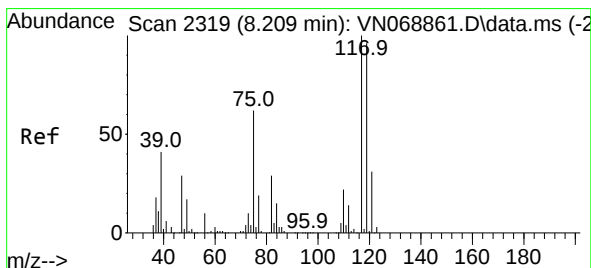
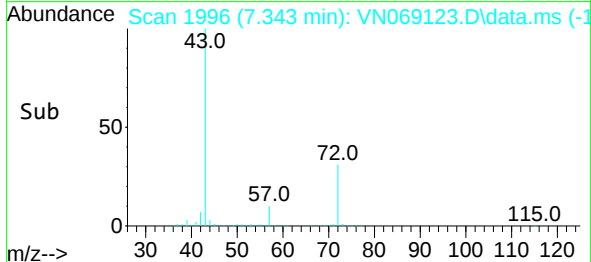
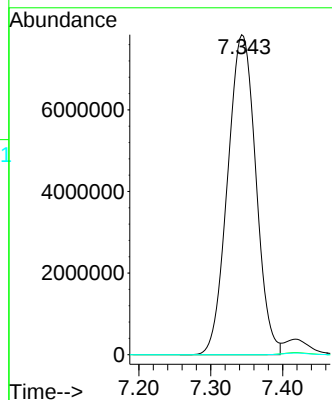
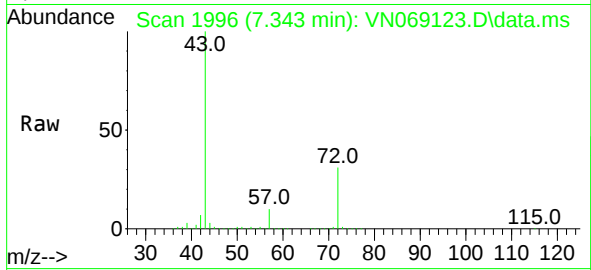




#37
Ethyl Acetate
Concen: 2669.473 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.067 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

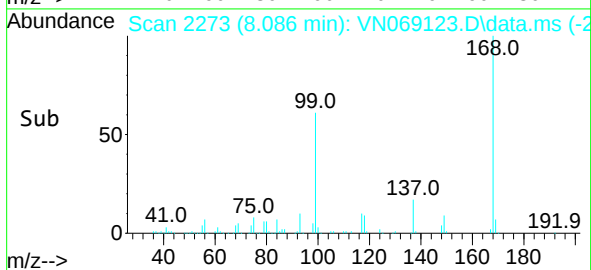
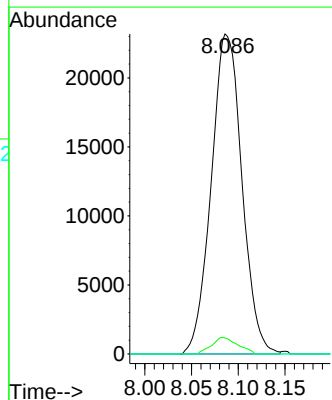
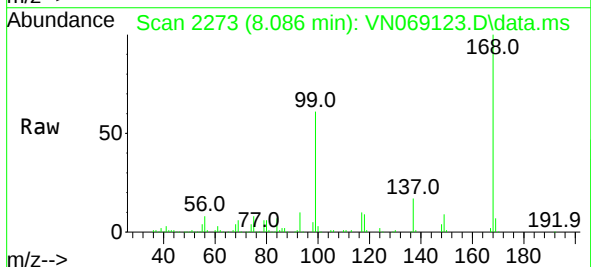
Instrument :
MSVOA_N
ClientSampled :

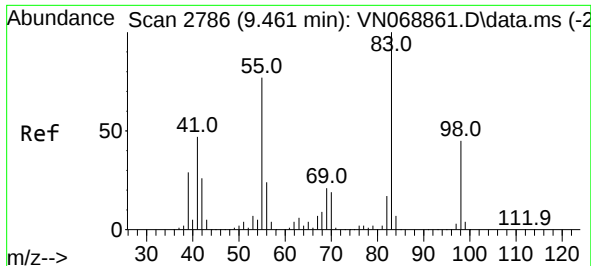
Tgt Ion: 43 Resp: 21423651
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 6.215 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 117 Resp: 53039
Ion Ratio Lower Upper
117 100
119 5.0 76.9 115.3#
121 0.0 24.6 37.0#

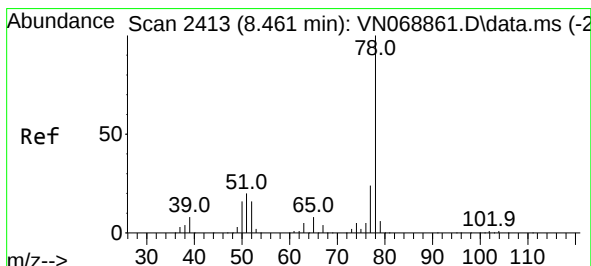
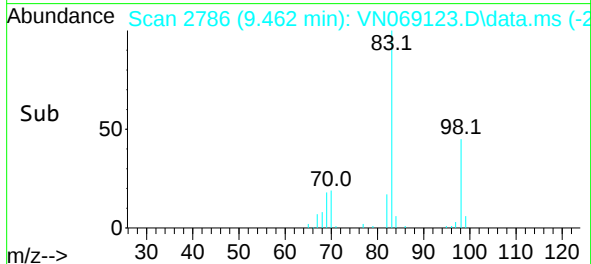
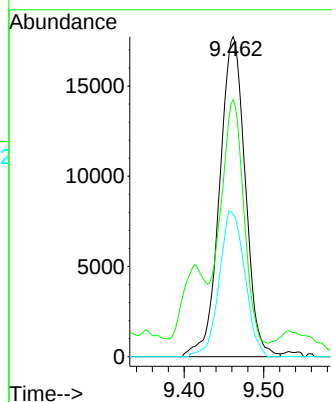
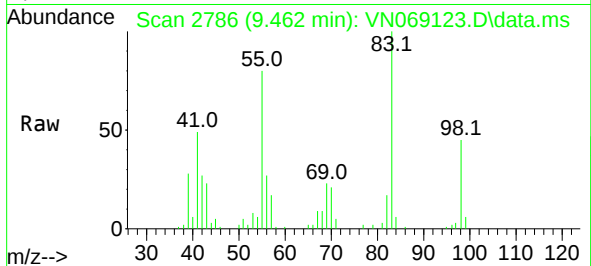




#39
Methylcyclohexane
Concen: 3.975 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

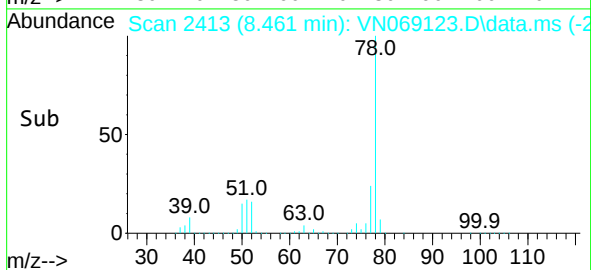
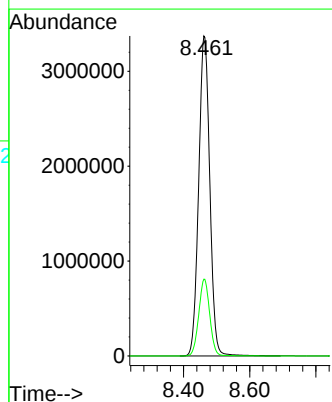
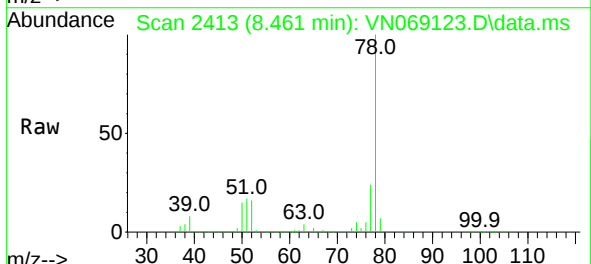
Instrument :
MSVOA_N
ClientSampled :

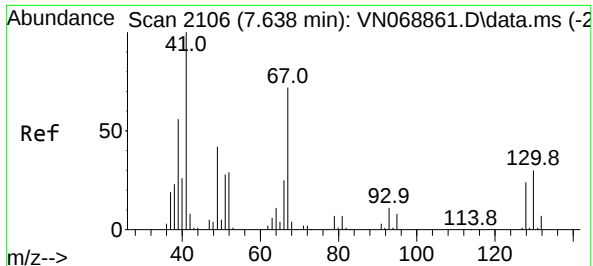
Tgt Ion: 83 Resp: 39756
Ion Ratio Lower Upper
83 100
55 74.2 61.4 92.0
98 44.6 36.4 54.6



#40
Benzene
Concen: 331.863 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 78 Resp: 7852506
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

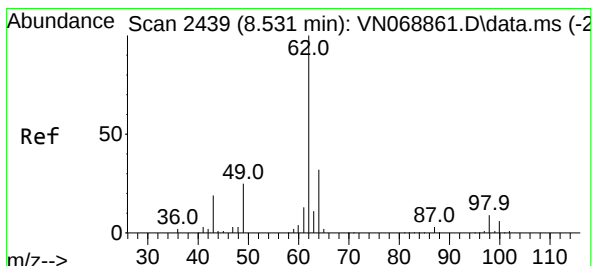
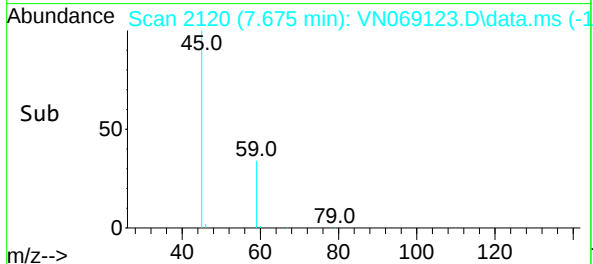
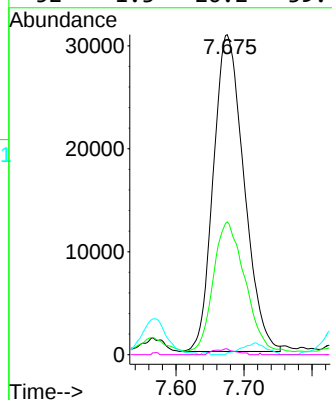
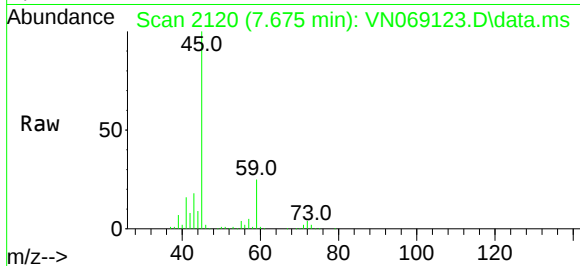




#41
Methacrylonitrile
Concen: 23.794 ug/l
RT: 7.675 min Scan# 2120
Delta R.T. 0.038 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

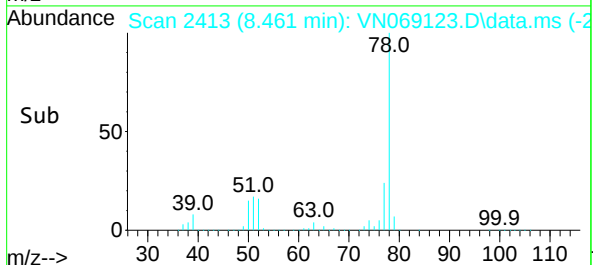
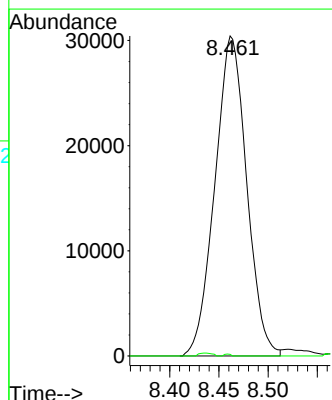
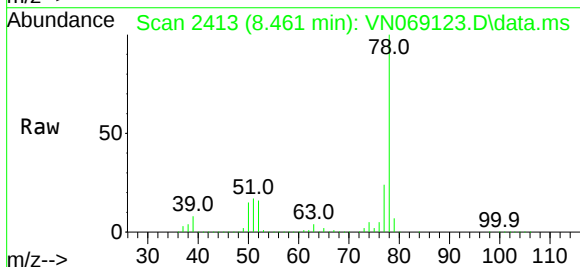
Instrument :
MSVOA_N
ClientSampled :

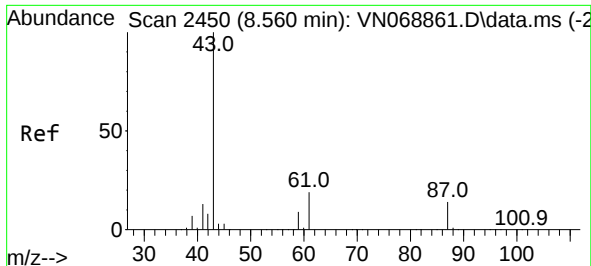
Tgt Ion: 41 Resp: 96258
Ion Ratio Lower Upper
41 100
39 42.0 44.9 67.3#
67 0.0 62.6 93.8#
52 1.3 26.2 39.4#



#42
1,2-Dichloroethane
Concen: 8.165 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.070 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 62 Resp: 68418
Ion Ratio Lower Upper
62 100
98 0.1 0.0 17.2

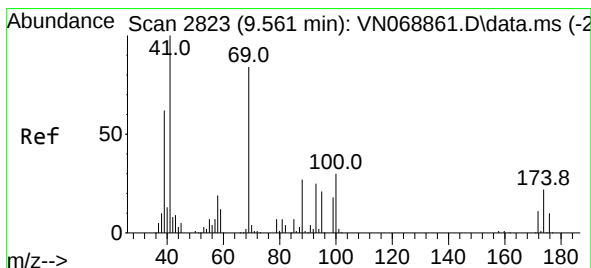
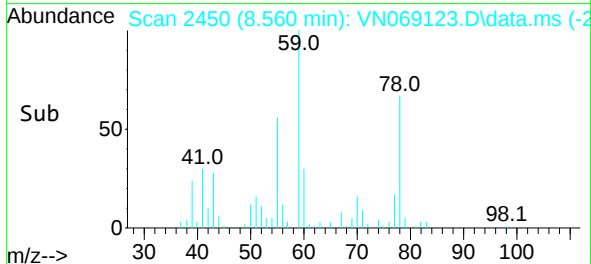
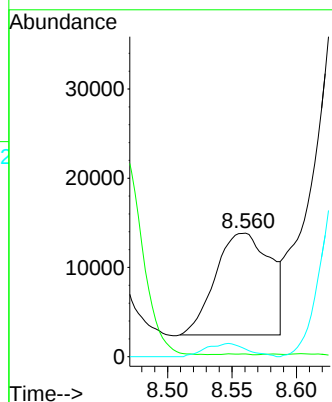
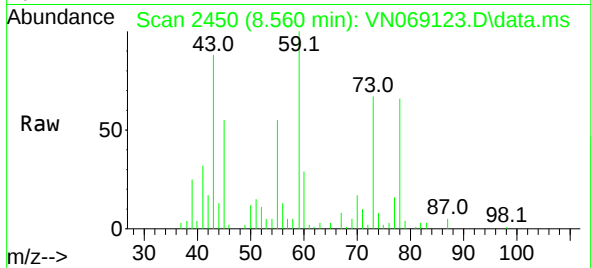




#43
Isopropyl Acetate
Concen: 2.403 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

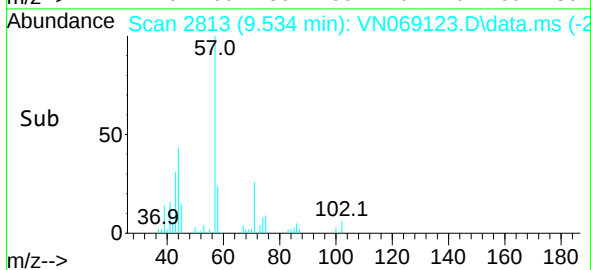
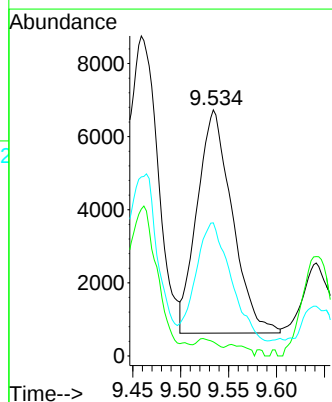
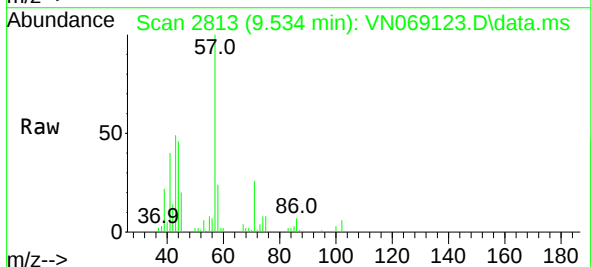
Instrument :
MSVOA_N
ClientSampleId :

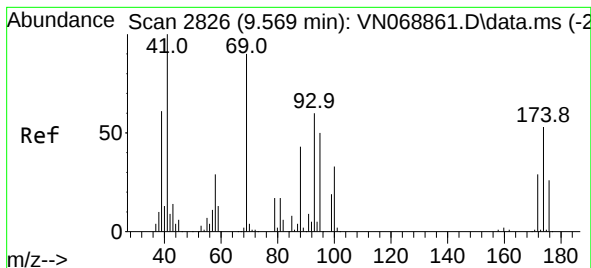
Tgt Ion: 43 Resp: 34023
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 9.7 10.7 16.1#



#48
Methyl methacrylate
Concen: 2.333 ug/l
RT: 9.534 min Scan# 2813
Delta R.T. -0.027 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 41 Resp: 15521
Ion Ratio Lower Upper
41 100
69 4.7 66.4 99.6#
39 53.6 50.2 75.2

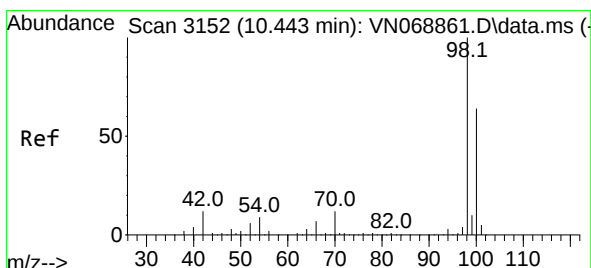
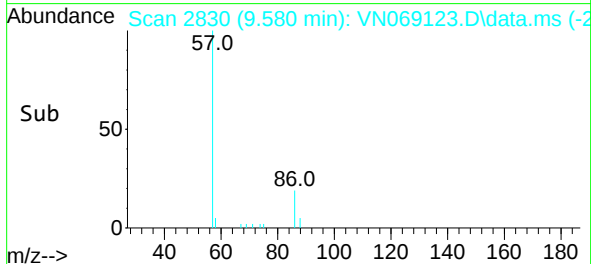
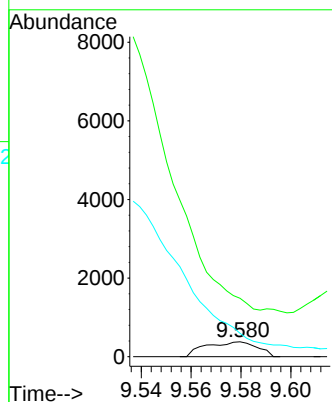
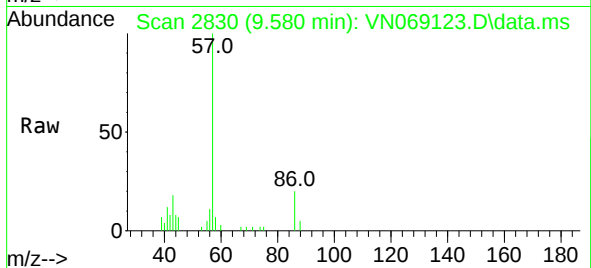




#49
1,4-Dioxane
Concen: 39.672 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.011 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

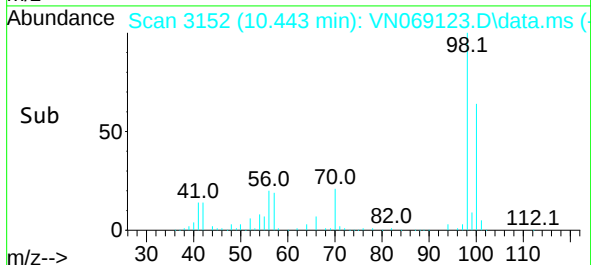
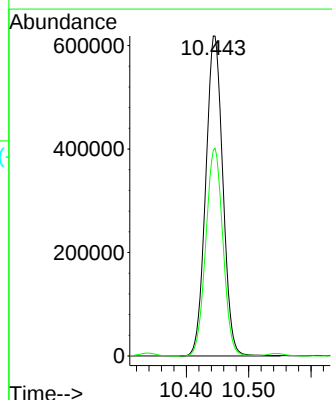
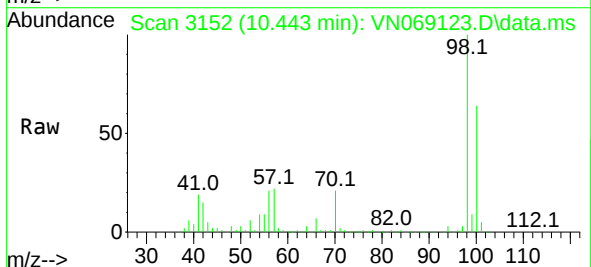
Instrument :
MSVOA_N
ClientSampled :

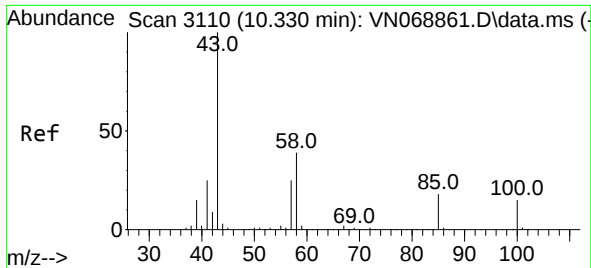
Tgt Ion: 88 Resp: 543
Ion Ratio Lower Upper
88 100
43 0.0 24.9 37.3#
58 0.0 56.9 85.3#



#50
Toluene-d8
Concen: 55.720 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 98 Resp: 1180037
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3

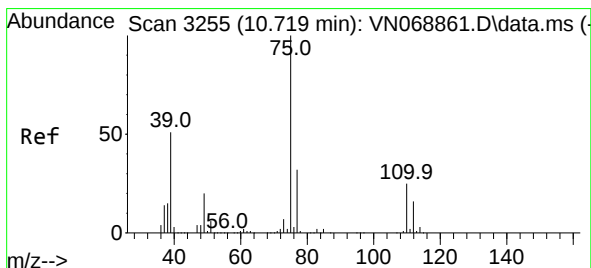
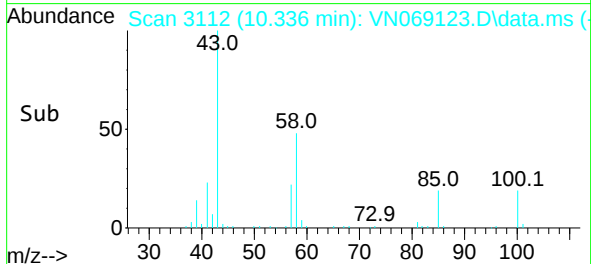
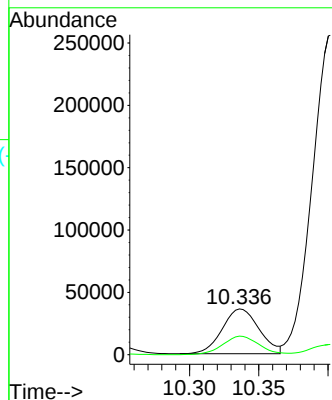
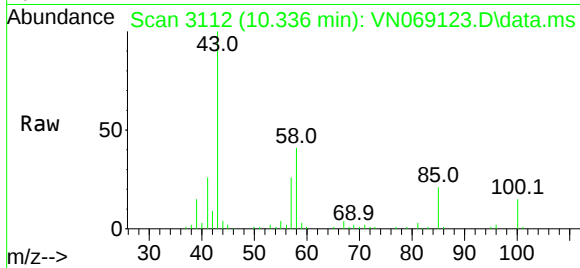




#51
4-Methyl-2-Pentanone
Concen: 8.128 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.006 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

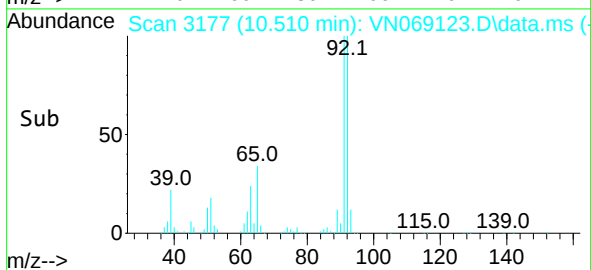
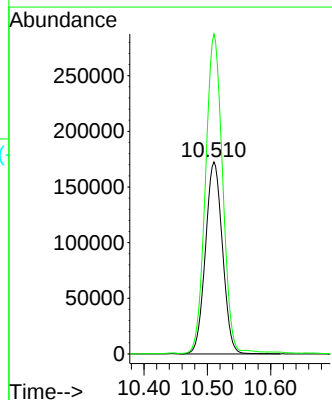
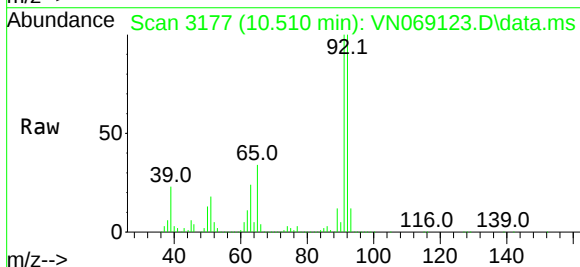
Instrument :
MSVOA_N
ClientSampled :

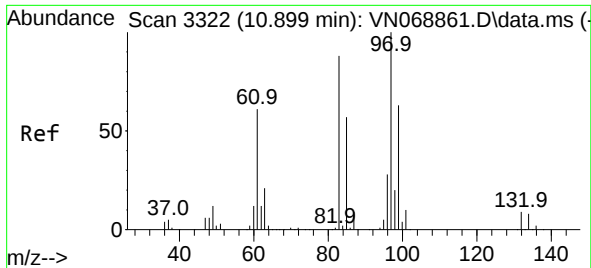
Tgt Ion: 43 Resp: 66738
Ion Ratio Lower Upper
43 100
58 40.9 31.0 46.4



#53
t-1,3-Dichloropropene
Concen: 32.753 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. -0.209 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

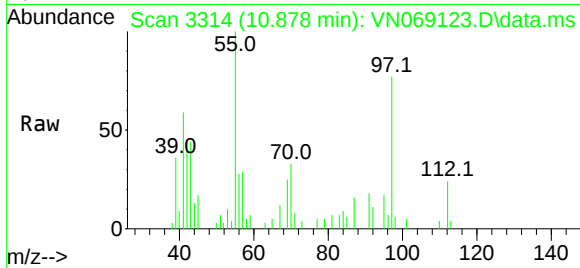
Tgt Ion: 75 Resp: 322232
Ion Ratio Lower Upper
75 100
77 166.3 25.4 38.2#



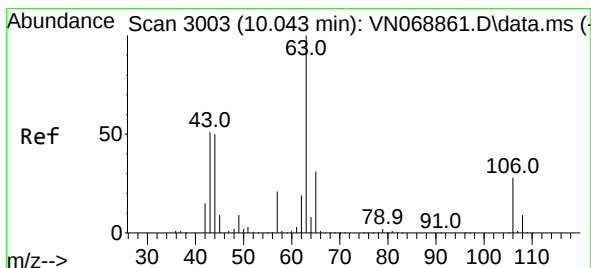
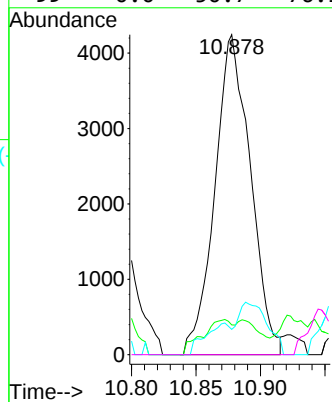
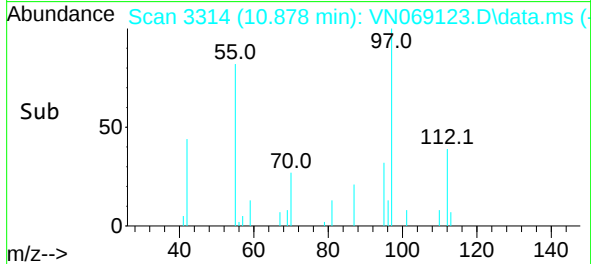


#55
1,1,2-Trichloroethane
Concen: 1.357 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.021 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

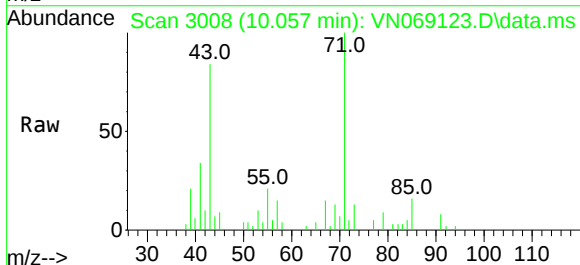
Instrument :
MSVOA_N
ClientSampled :



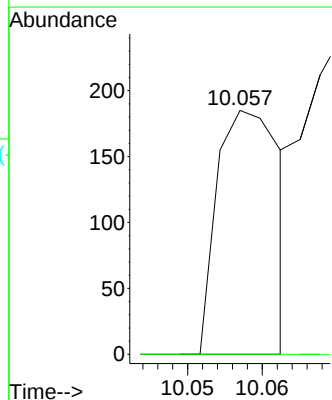
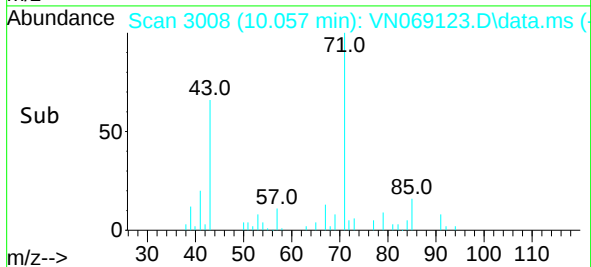
Tgt Ion: 97 Resp: 8144
Ion Ratio Lower Upper
97 100
83 9.3 70.5 105.7#
85 7.9 45.3 67.9#
99 0.0 50.7 76.1#

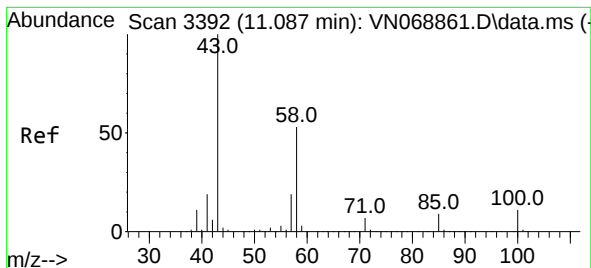


#58
2-Chloroethyl Vinyl ether
Concen: 18.792 ug/l
RT: 10.057 min Scan# 3008
Delta R.T. 0.014 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43



Tgt Ion: 63 Resp: 109
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#

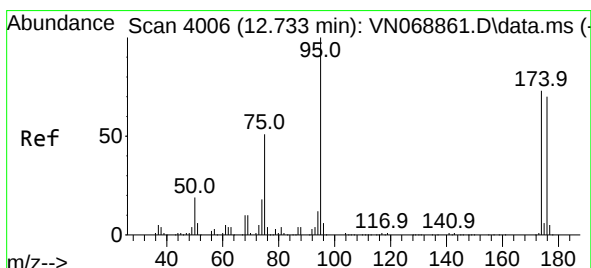
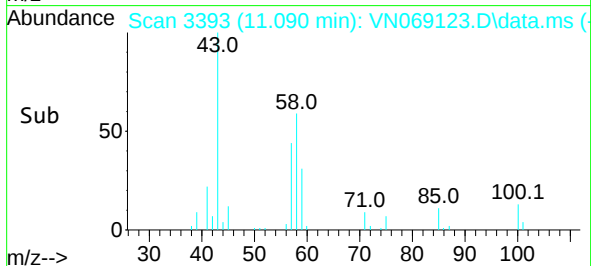
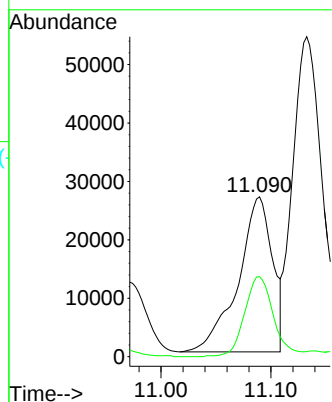
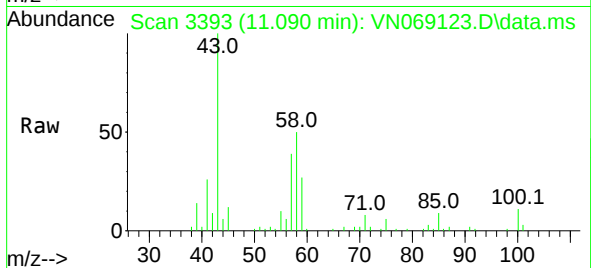




#59
2-Hexanone
Concen: 9.790 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

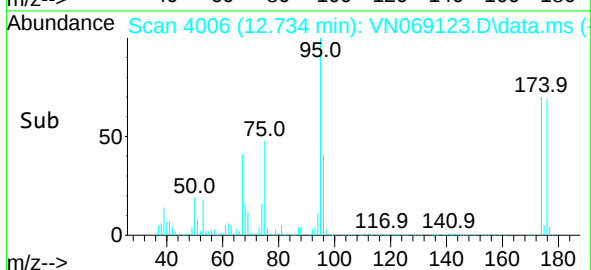
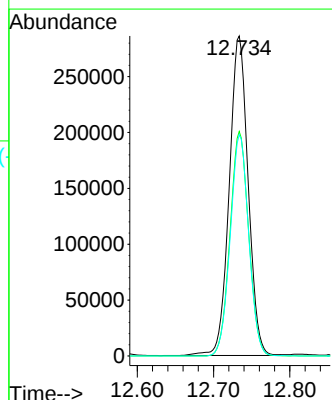
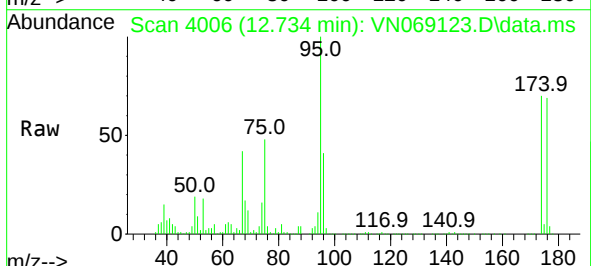
Instrument :
MSVOA_N
ClientSampled :

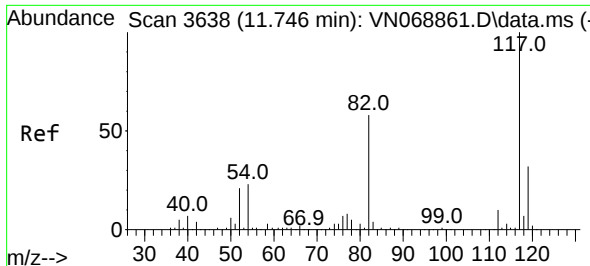
Tgt Ion: 43 Resp: 57642
Ion Ratio Lower Upper
43 100
58 41.9 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 61.474 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 95 Resp: 491191
Ion Ratio Lower Upper
95 100
174 69.4 0.0 144.8
176 67.9 0.0 140.0

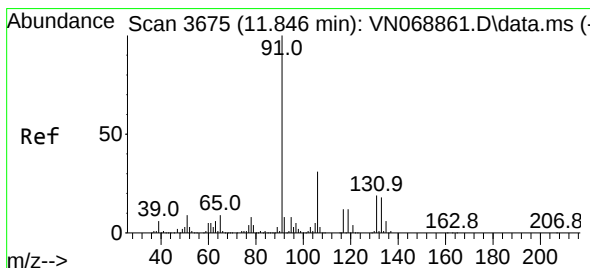
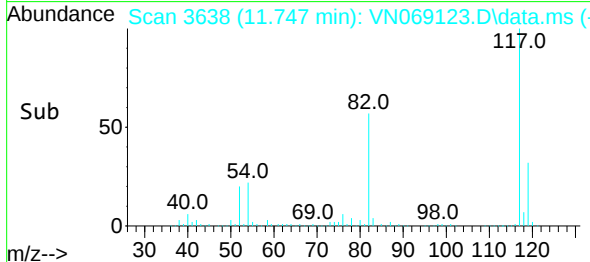
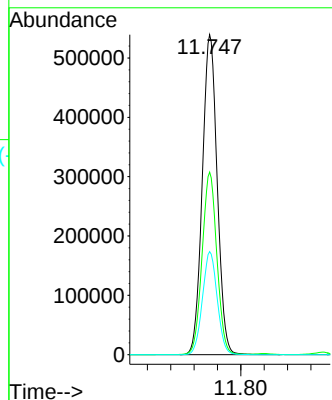
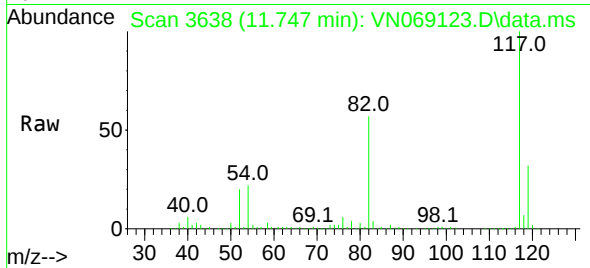




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

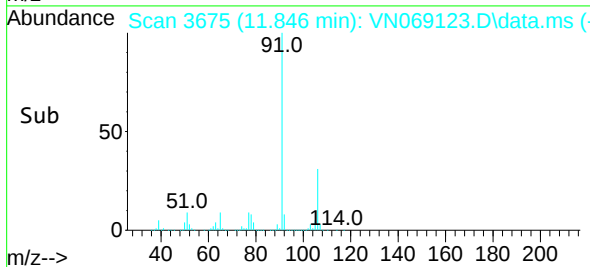
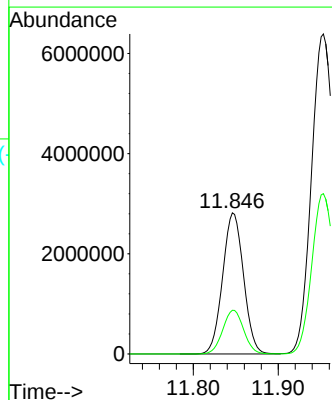
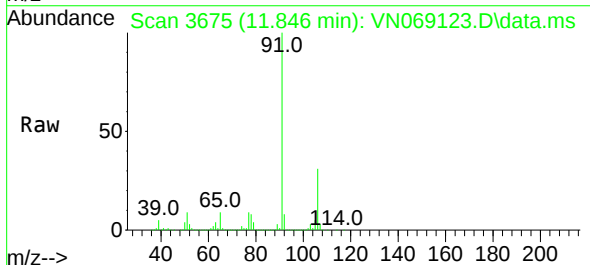
Instrument :
MSVOA_N
ClientSampleId :

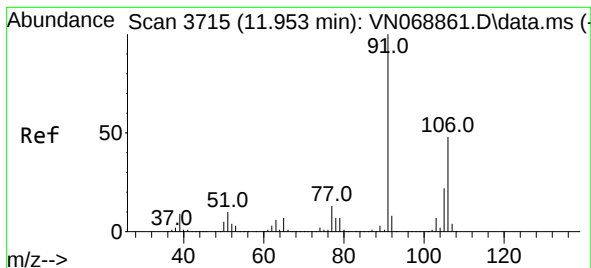
Tgt Ion:117 Resp: 953801
Ion Ratio Lower Upper
117 100
82 57.0 46.4 69.6
119 32.2 26.0 39.0



#67
Ethyl Benzene
Concen: 143.882 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 91 Resp: 4823809
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2

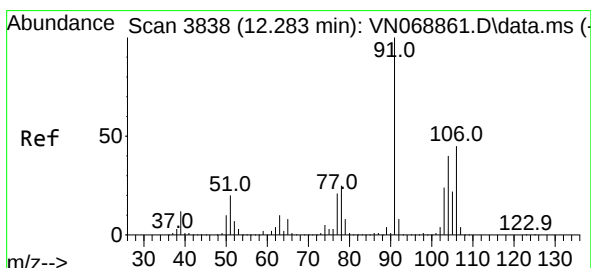
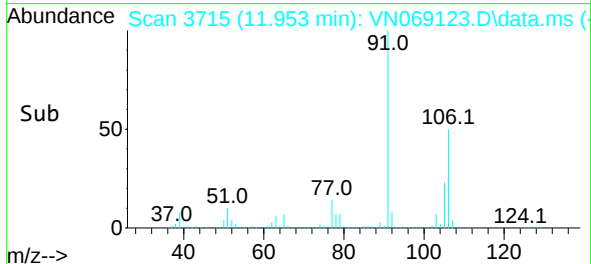
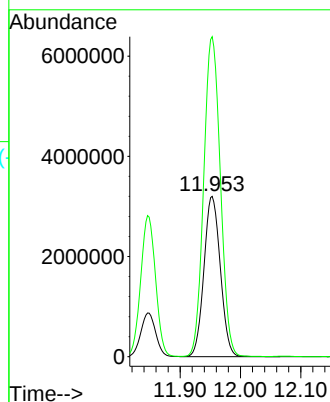
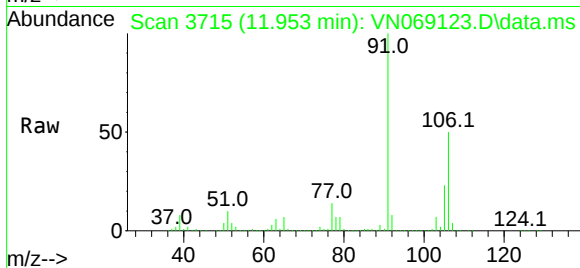




#68
m/p-Xylenes
Concen: 474.797 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

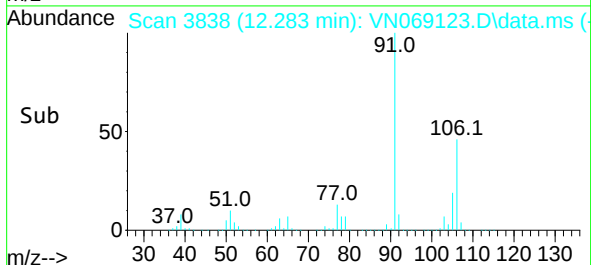
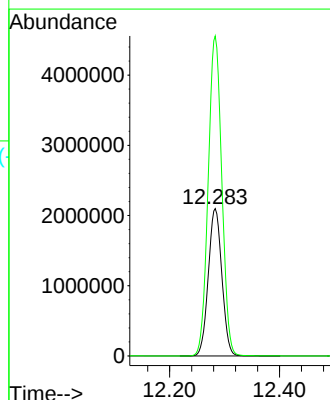
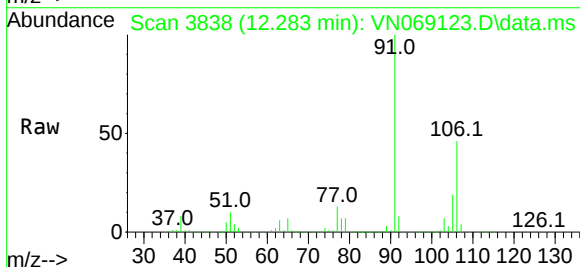
Instrument :
MSVOA_N
ClientSampleId :

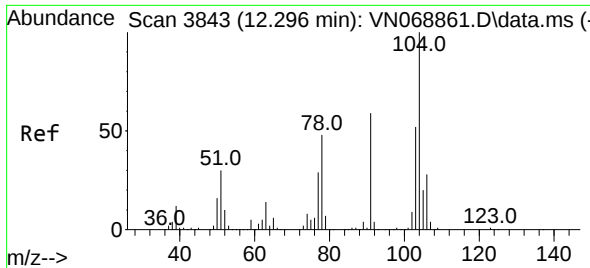
Tgt Ion:106 Resp: 6034316
Ion Ratio Lower Upper
106 100
91 203.2 166.8 250.2



#69
o-Xylene
Concen: 282.050 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion:106 Resp: 3588079
Ion Ratio Lower Upper
106 100
91 218.4 109.6 328.6

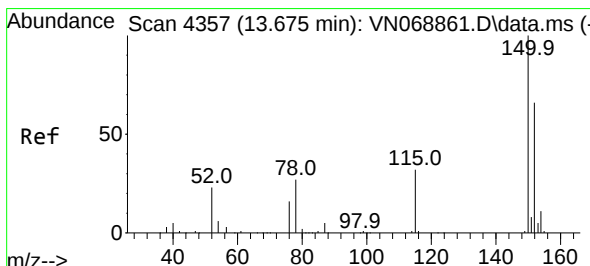
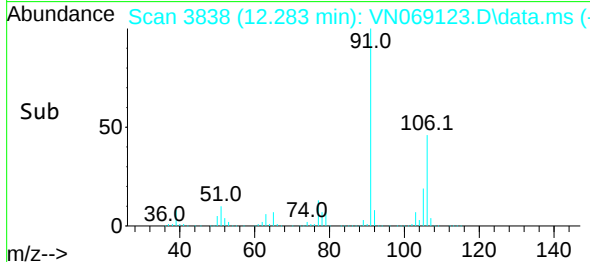
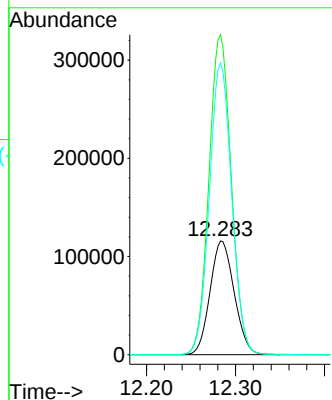
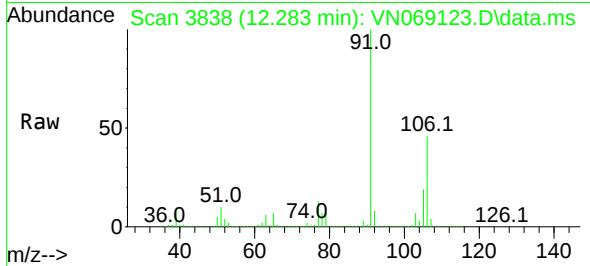




#70
Styrene
Concen: 10.548 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.013 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

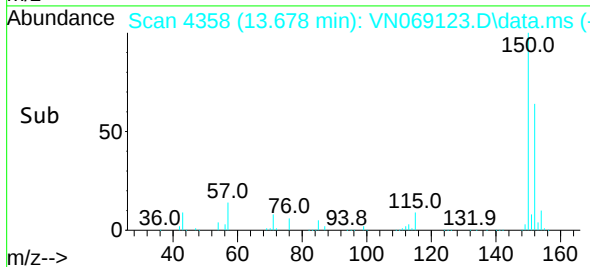
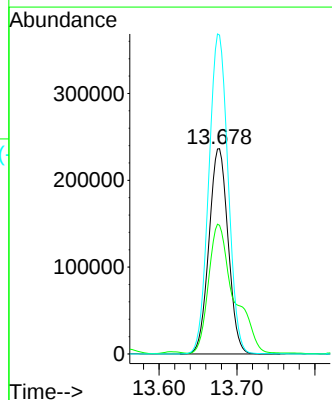
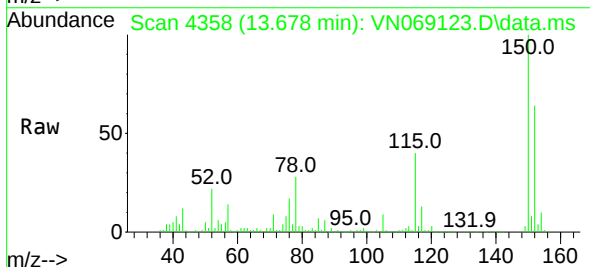
Instrument :
MSVOA_N
ClientSampleId :

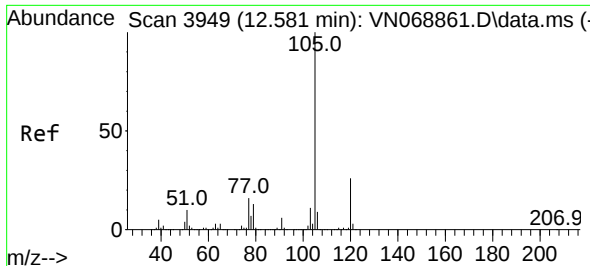
Tgt Ion:104 Resp: 218425
Ion Ratio Lower Upper
104 100
78 260.3 42.2 63.4#
103 237.8 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion:152 Resp: 404252
Ion Ratio Lower Upper
152 100
115 83.1 31.4 94.3
150 156.8 0.0 351.0

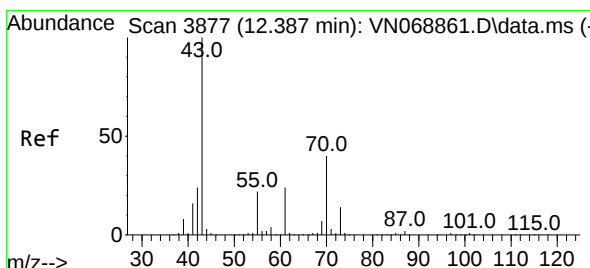
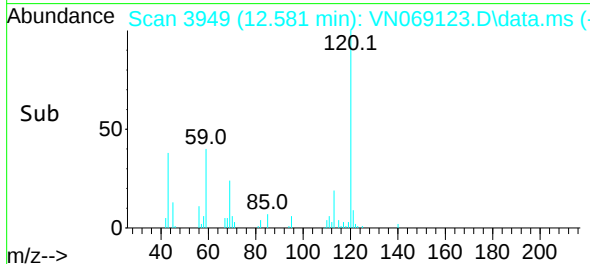
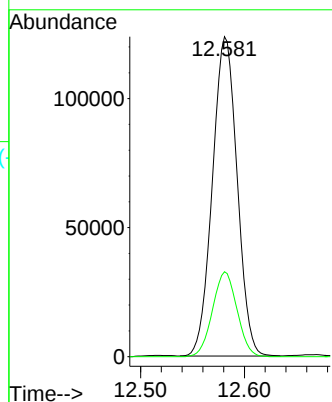
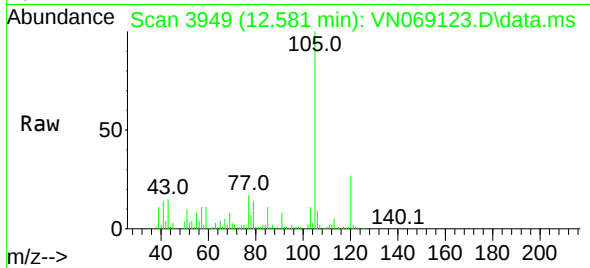




#73
Isopropylbenzene
Concen: 6.086 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

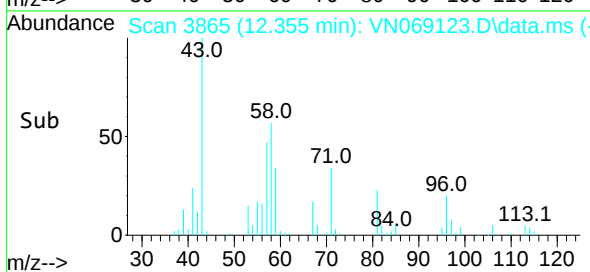
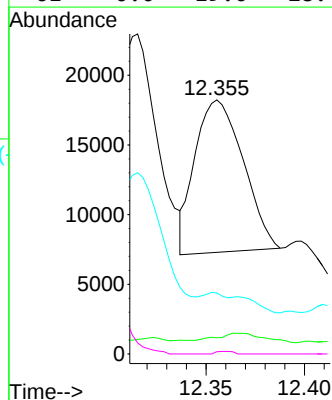
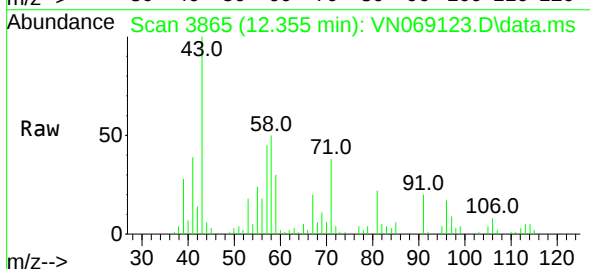
Instrument :
MSVOA_N
ClientSampled :

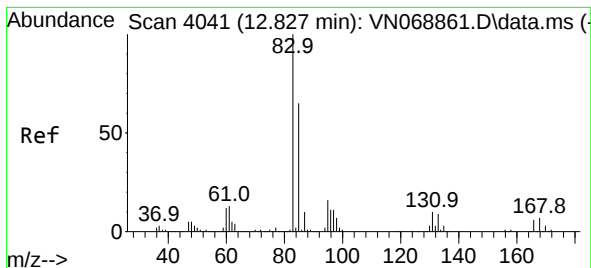
Tgt Ion:105 Resp: 204781
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 1.460 ug/l
RT: 12.355 min Scan# 3865
Delta R.T. -0.032 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 43 Resp: 18609
Ion Ratio Lower Upper
43 100
70 6.4 32.2 48.2#
55 0.0 18.0 27.0#
61 0.0 19.0 28.4#



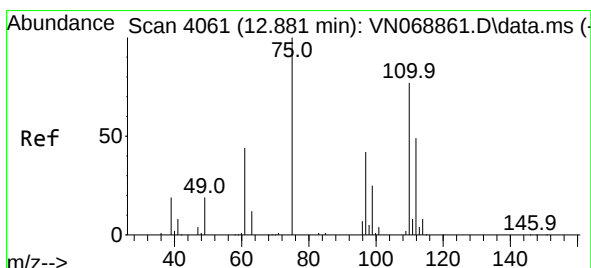
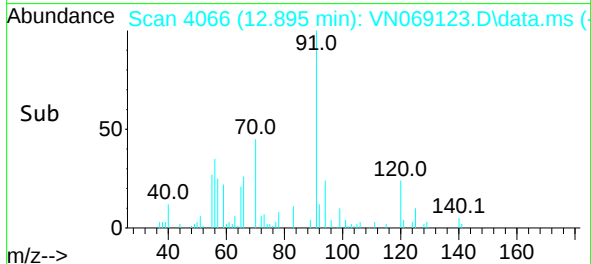
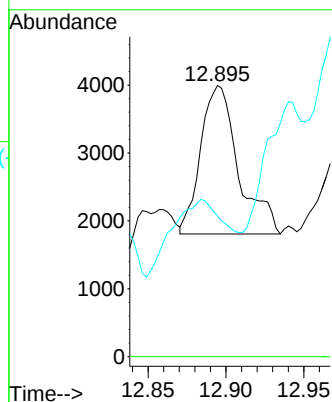
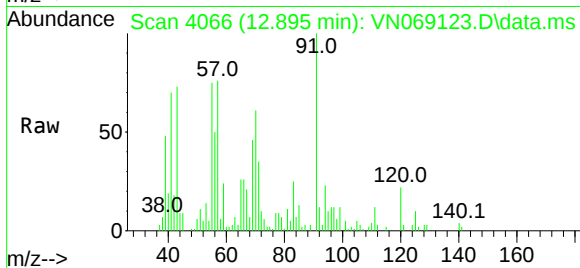


#75

1,1,2,2-Tetrachloroethane
Concen: 0.380 ug/l
RT: 12.895 min Scan# 4066
Delta R.T. 0.067 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 83 Resp: 3693
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.2#
85 0.0 32.3 96.8#

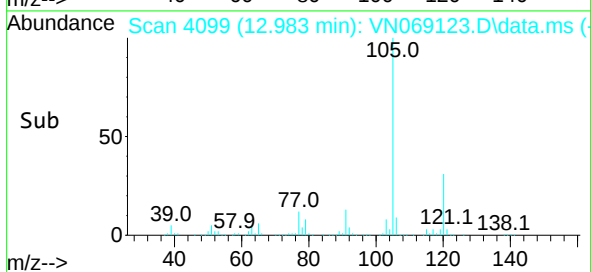
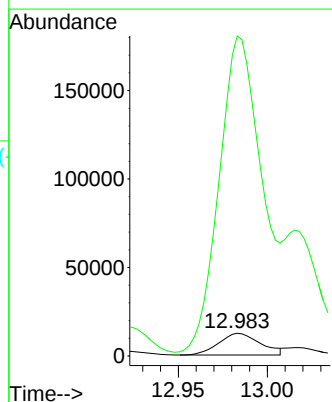
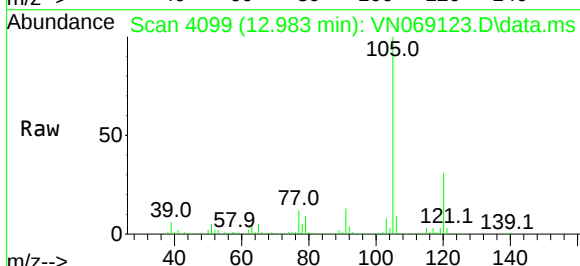
Instrument :
MSVOA_N
ClientSampled :

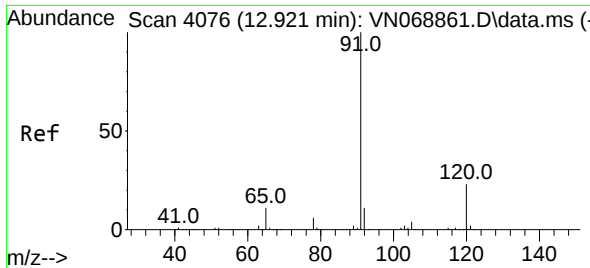


#76

1,2,3-Trichloropropane
Concen: 2.344 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. 0.102 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 75 Resp: 20159
Ion Ratio Lower Upper
75 100
77 1486.8 96.2 288.4#

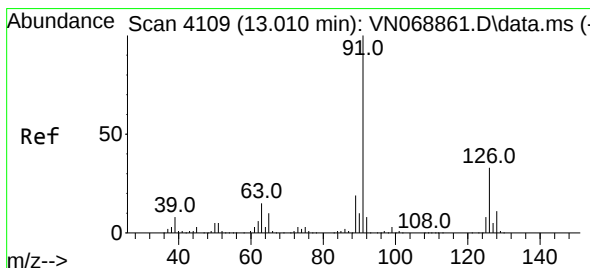
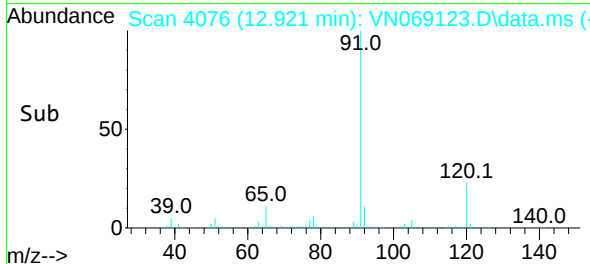
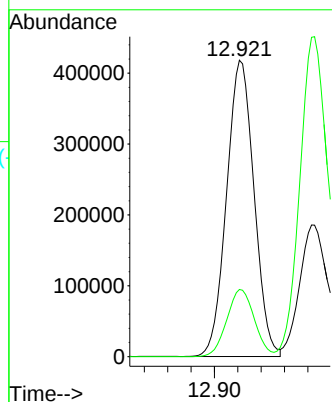
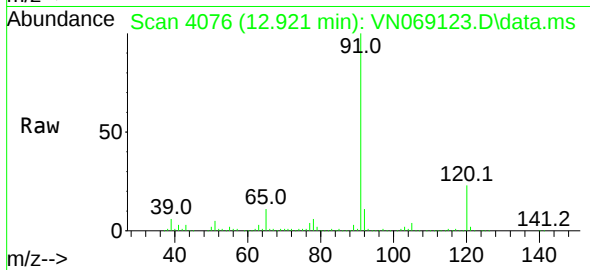




#78
n-propylbenzene
Concen: 18.057 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

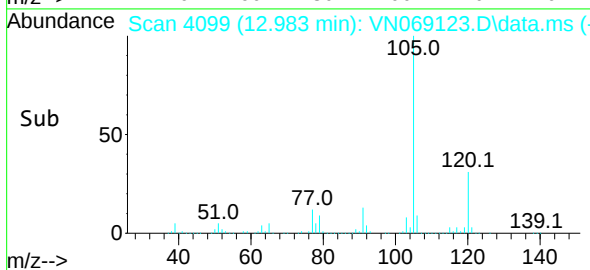
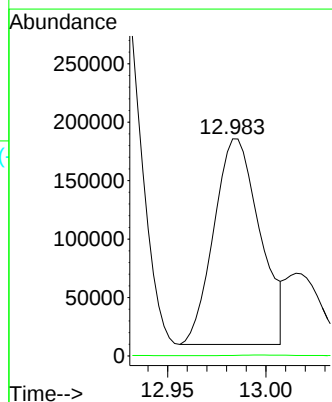
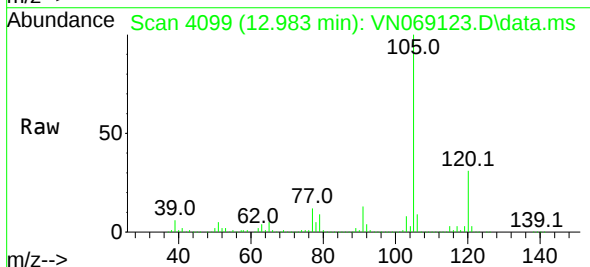
Instrument :
MSVOA_N
ClientSampled :

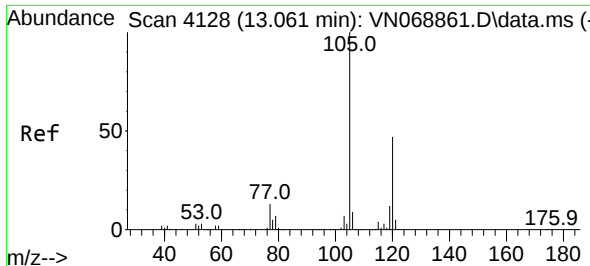
Tgt Ion: 91 Resp: 682782
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.1



#79
2-Chlorotoluene
Concen: 12.292 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.027 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 91 Resp: 286497
Ion Ratio Lower Upper
91 100
126 0.4 16.4 49.4#

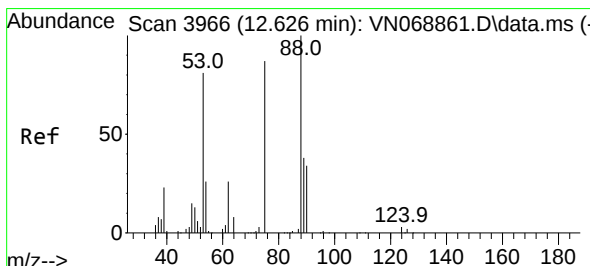
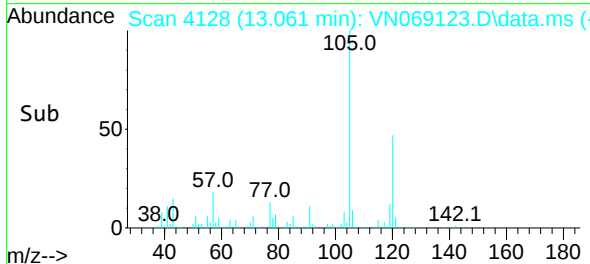
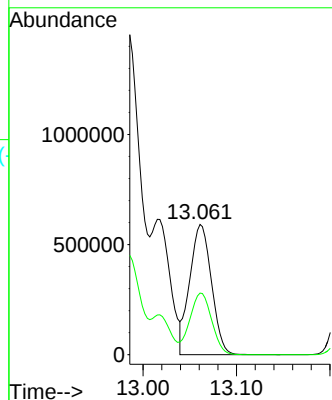
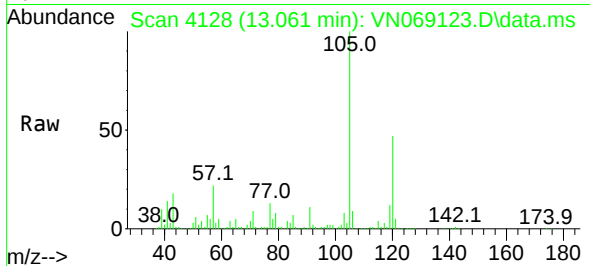




#80
1,3,5-Trimethylbenzene
Concen: 34.032 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

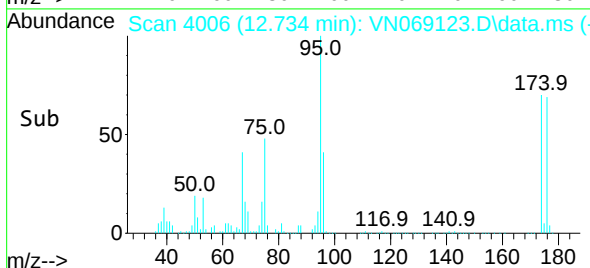
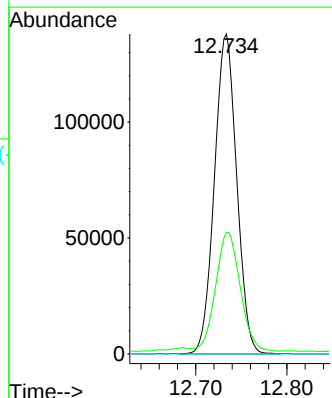
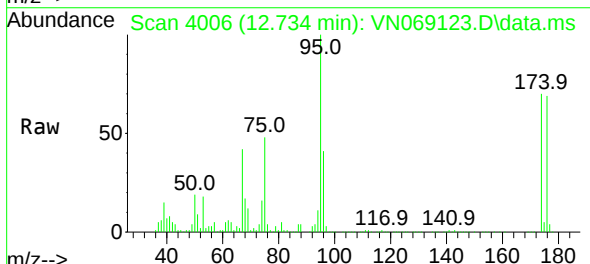
Instrument :
MSVOA_N
ClientSampled :

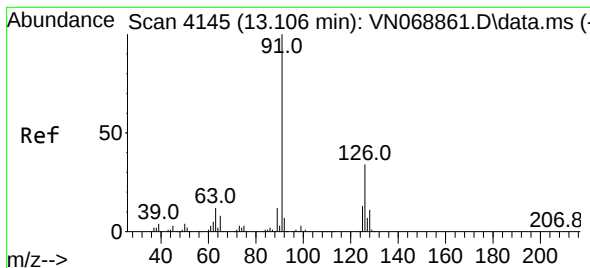
Tgt Ion:105 Resp: 953793
Ion Ratio Lower Upper
105 100
120 47.5 23.4 70.2



#81
trans-1,4-Dichloro-2-butene
Concen: 65.152 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 75 Resp: 234235
Ion Ratio Lower Upper
75 100
53 40.7 75.4 113.2#
89 0.0 36.9 55.3#

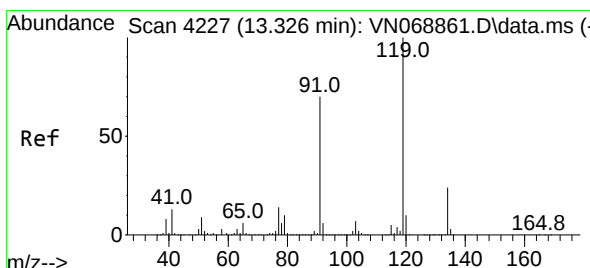
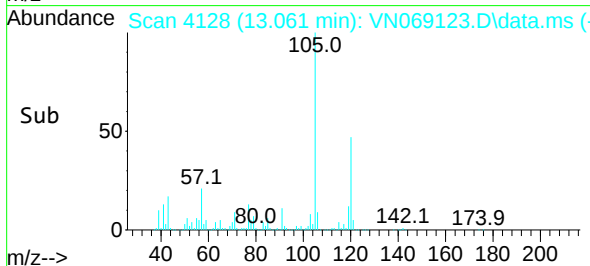
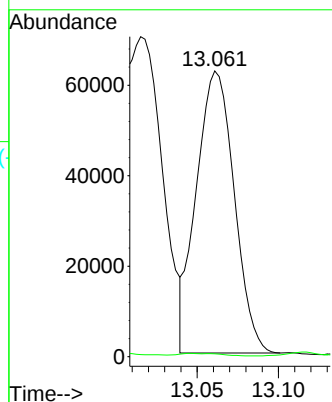
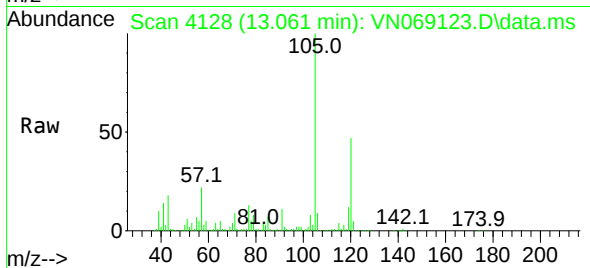




#82
4-Chlorotoluene
Concen: 4.483 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.045 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

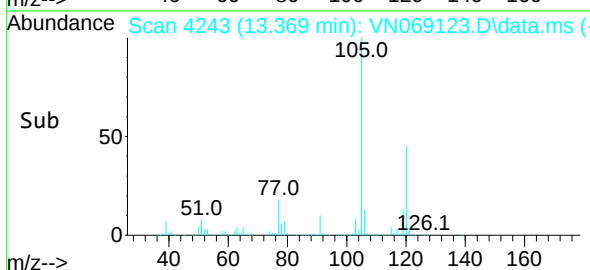
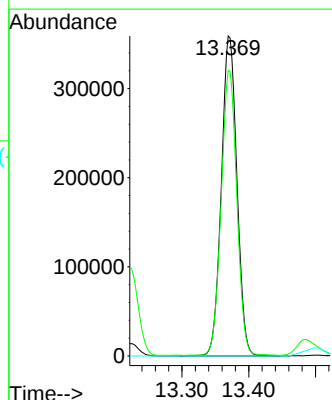
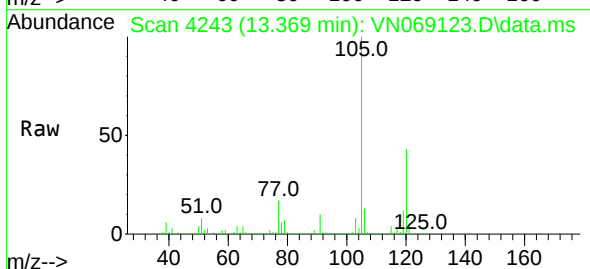
Instrument :
MSVOA_N
ClientSampled :

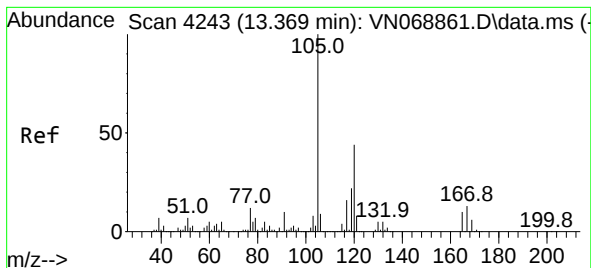
Tgt Ion: 91 Resp: 100971
Ion Ratio Lower Upper
91 100
126 0.3 16.3 48.8#



#83
tert-Butylbenzene
Concen: 23.847 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.043 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 119 Resp: 581814
Ion Ratio Lower Upper
119 100
91 89.5 34.6 103.9
134 0.0 12.6 37.6#





#84

1,2,4-Trimethylbenzene

Concen: 221.479 ug/l

RT: 13.372 min Scan# 4244

Delta R.T. 0.003 min

Lab File: VN069123.D

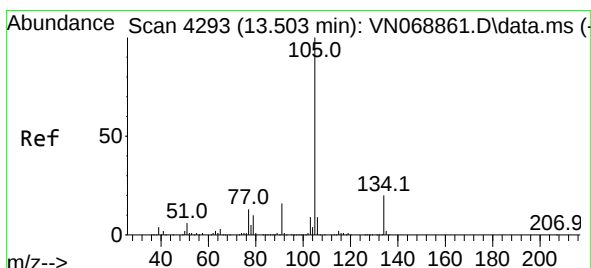
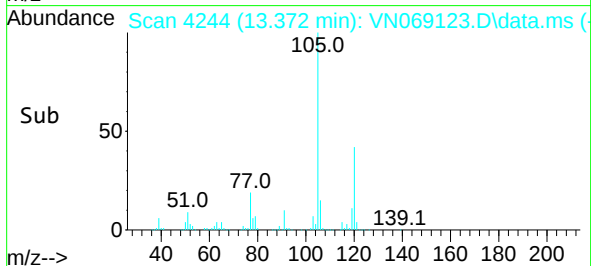
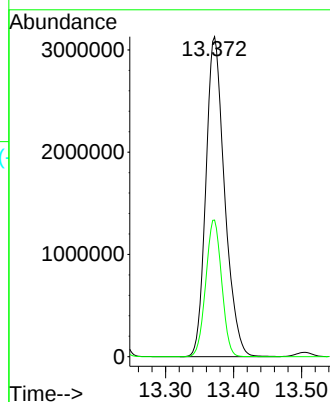
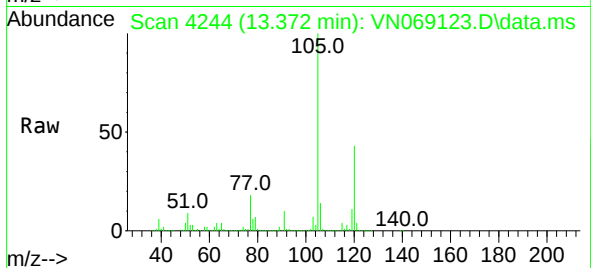
Acq: 22 Oct 2021 6:43

Tgt Ion:105 Resp: 5980755

Ion Ratio Lower Upper

105 100

120 36.2 21.9 65.5



#85

sec-Butylbenzene

Concen: 177.006 ug/l

RT: 13.372 min Scan# 4244

Delta R.T. -0.131 min

Lab File: VN069123.D

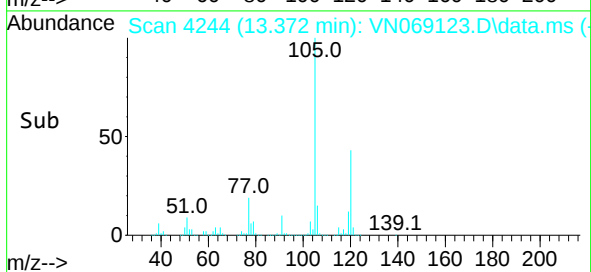
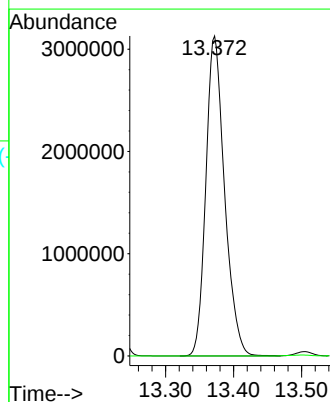
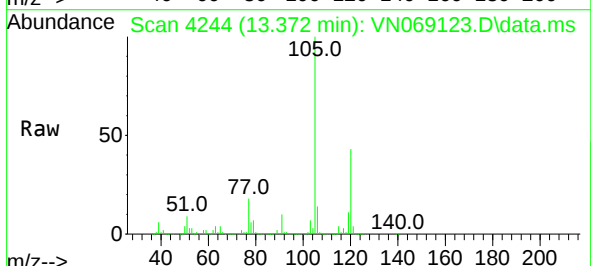
Acq: 22 Oct 2021 6:43

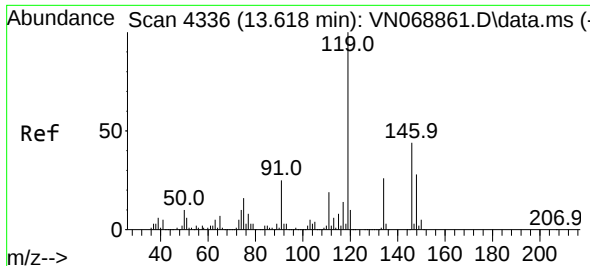
Tgt Ion:105 Resp: 5980755

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#

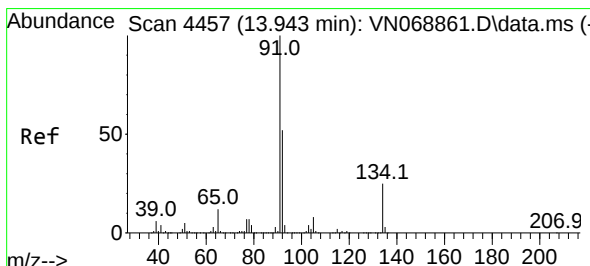
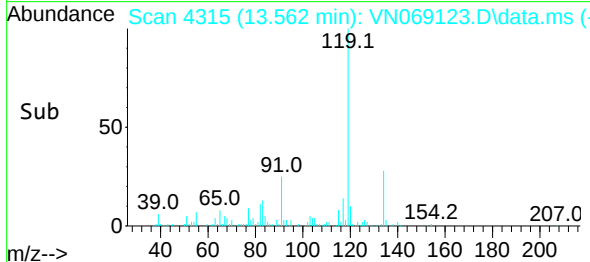
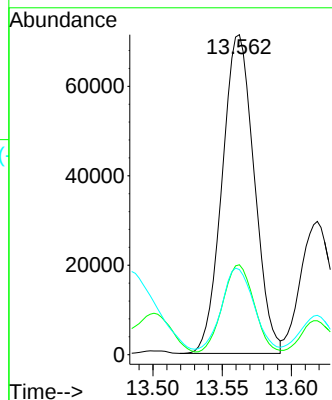
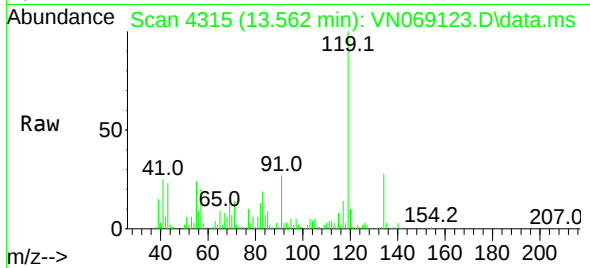




#86
p-Isopropyltoluene
Concen: 4.234 ug/l
RT: 13.562 min Scan# 4315
Delta R.T. -0.056 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

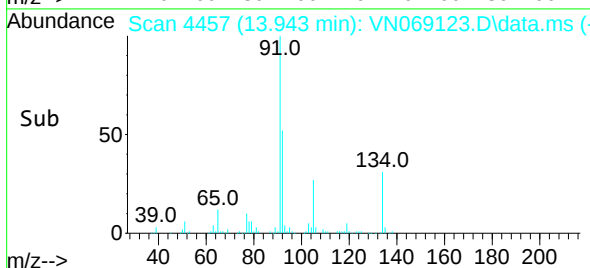
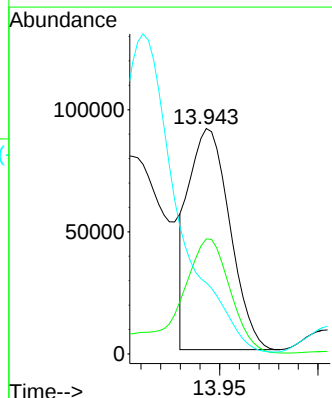
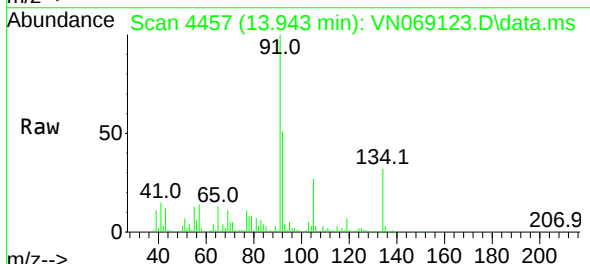
Instrument :
MSVOA_N
ClientSampleId :

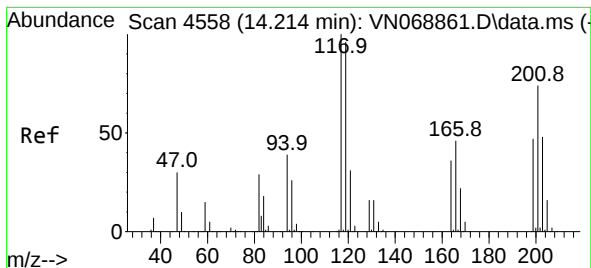
Tgt Ion:119 Resp: 114741
Ion Ratio Lower Upper
119 100
134 28.4 12.9 38.6
91 24.8 12.8 38.4



#89
n-Butylbenzene
Concen: 5.800 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

Tgt Ion: 91 Resp: 130855
Ion Ratio Lower Upper
91 100
92 57.6 26.0 78.0
134 0.0 12.5 37.5#





#90

Hexachloroethane

Concen: 11.276 ug/l

RT: 14.219 min Scan# 4560

Delta R.T. 0.006 min

Lab File: VN069123.D

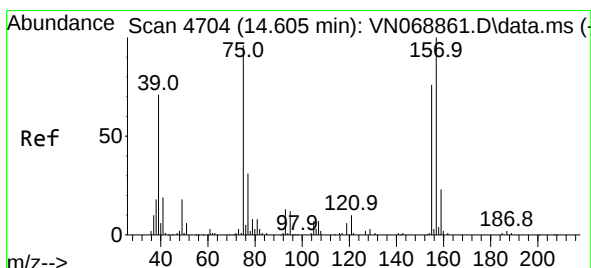
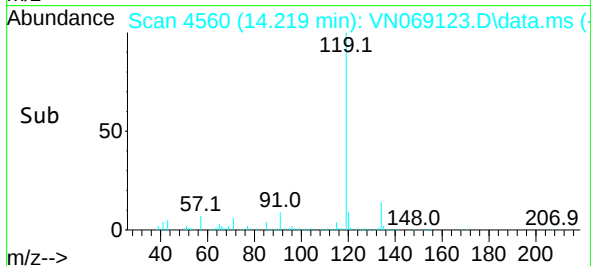
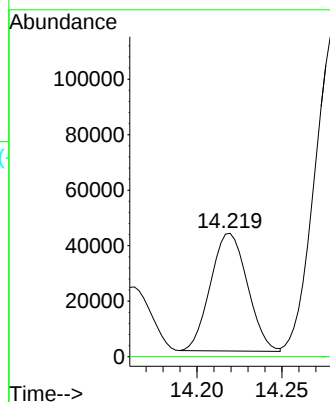
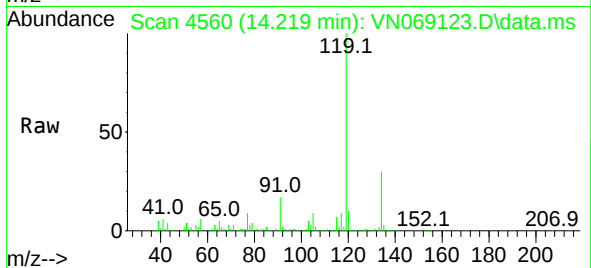
Acq: 22 Oct 2021 6:43

Tgt Ion:117 Resp: 64196

Ion Ratio Lower Upper

117 100

201 0.0 37.1 111.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.348 ug/l

RT: 14.627 min Scan# 4712

Delta R.T. 0.022 min

Lab File: VN069123.D

Acq: 22 Oct 2021 6:43

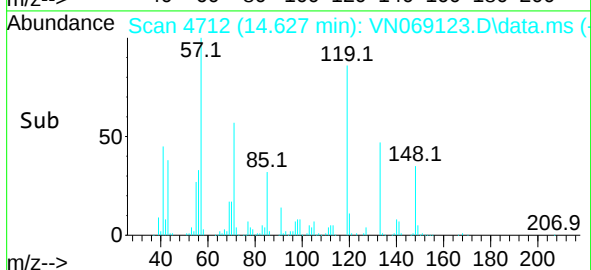
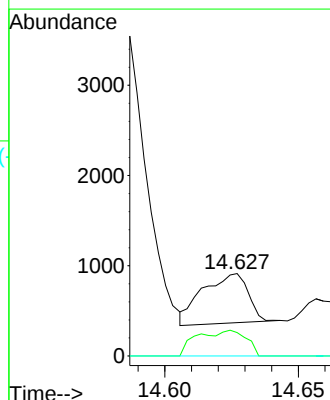
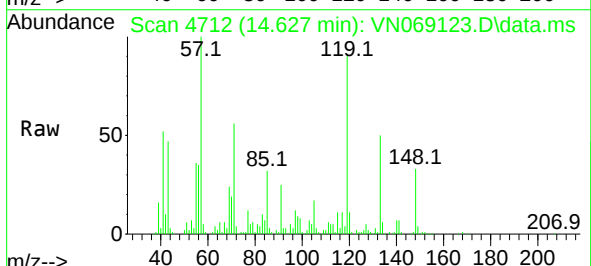
Tgt Ion: 75 Resp: 652

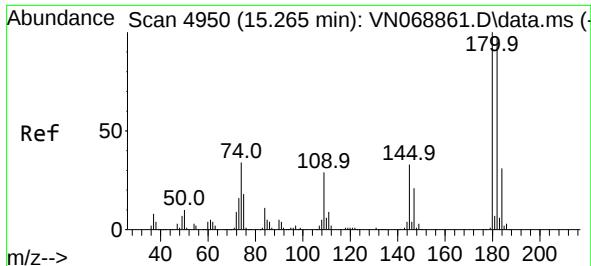
Ion Ratio Lower Upper

75 100

155 29.1 38.8 116.4#

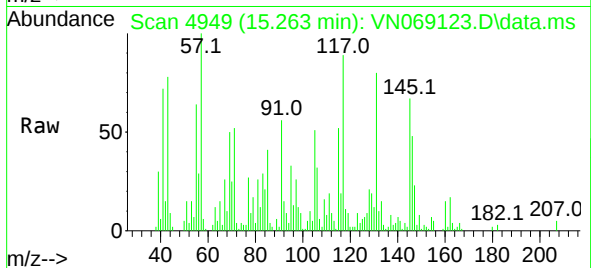
157 0.0 50.2 150.6#



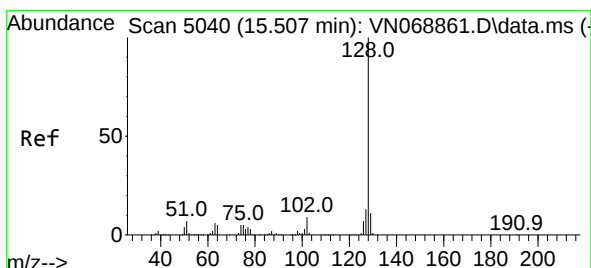
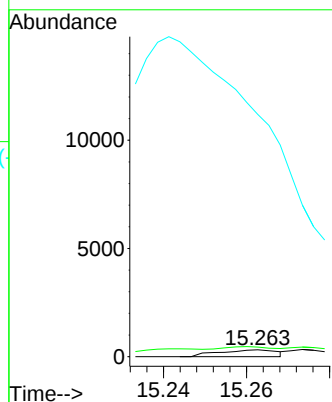
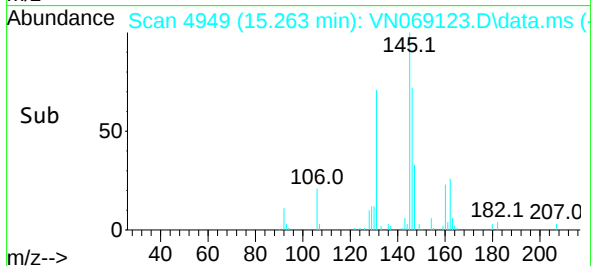


#93
1,2,4-Trichlorobenzene
Concen: 2.644 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43

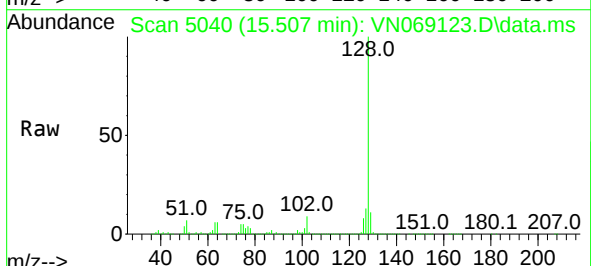
Instrument :
MSVOA_N
ClientSampled :



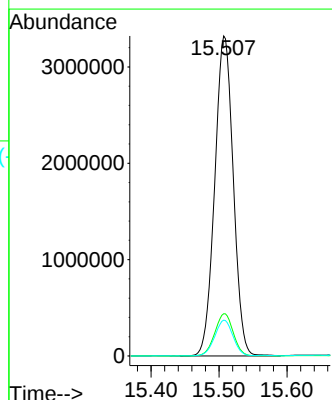
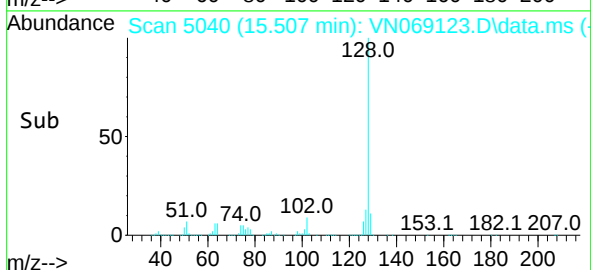
Tgt Ion:180 Resp: 308
Ion Ratio Lower Upper
180 100
182 33.4 47.9 143.7#
145 0.0 16.4 49.2#

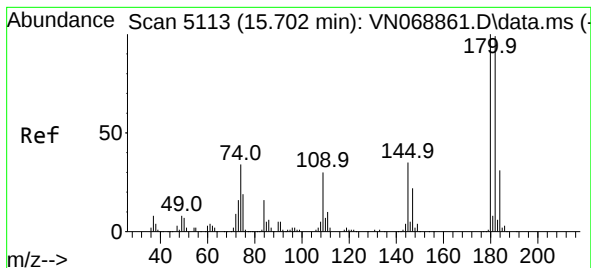


#95
Naphthalene
Concen: 313.651 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069123.D
Acq: 22 Oct 2021 6:43



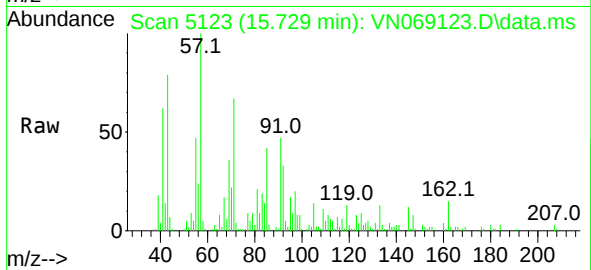
Tgt Ion:128 Resp: 6292485
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.642 ug/l
 RT: 15.729 min Scan# 5123
 Delta R.T. 0.027 min
 Lab File: VN069123.D
 Acq: 22 Oct 2021 6:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 870
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.1 144.3#
 145 0.0 17.4 52.2#

