

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068618.D
 Acq On : 23 Sep 2021 13:01
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 23 16:12:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	711430	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	1170928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	984532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	369036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	497935	44.726	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.460%
35) Dibromofluoromethane	8.024	113	353348	44.990	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.980%
50) Toluene-d8	10.443	98	1390201	41.863	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	83.720%
62) 4-Bromofluorobenzene	12.734	95	451143	39.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	79.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	1991	0.262	ug/l	88
3) Chloromethane	2.303	50	4410	0.352	ug/l	99
5) Bromomethane	2.875	94	3216	Below Cal		91
9) 1,1,2-Trichlorotrifluo...	4.208	101	1589	0.210	ug/l #	79
10) Methyl Iodide	4.436	142	6494	0.713	ug/l #	37
11) Tert butyl alcohol	5.385	59	371	0.217	ug/l #	71
13) Acrolein	4.039	56	628	7.963	ug/l #	56
15) Acrylonitrile	5.554	53	2098	0.455	ug/l #	91
16) Acetone	4.299	43	10143	Below Cal		96
17) Carbon Disulfide	4.535	76	18301	0.858	ug/l	97
18) Methyl Acetate	4.865	43	4708	0.288	ug/l #	83
20) Methylene Chloride	5.098	84	4948	Below Cal	#	88
21) trans-1,2-Dichloroethene	5.594	96	2773	0.354	ug/l #	79
25) 2-Butanone	7.345	43	9370	1.384	ug/l #	81
29) Tetrahydrofuran	7.702	42	4178	0.971	ug/l #	58
31) Cyclohexane	8.086	56	19878	1.276	ug/l #	17
36) 1,1-Dichloropropene	8.217	75	3775	0.319	ug/l #	78
37) Ethyl Acetate	7.345	43	9370	0.698	ug/l #	69
38) Carbon Tetrachloride	8.088	117	75841	6.209	ug/l #	17
39) Methylcyclohexane	9.462	83	3413	0.246	ug/l	93
41) Methacrylonitrile	7.646	41	1525	0.215	ug/l #	66
42) 1,2-Dichloroethane	8.536	62	3000	0.222	ug/l	90
44) Trichloroethene	9.223	130	3222	0.385	ug/l	72
48) Methyl methacrylate	9.566	41	2359	0.225	ug/l	96
49) 1,4-Dioxane	9.574	88	1014	6.627	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	17925	1.291	ug/l	93
52) Toluene	10.508	92	4530	0.206	ug/l	94
53) t-1,3-Dichloropropene	10.722	75	3389	0.245	ug/l #	81
56) Ethyl methacrylate	10.765	69	3712	0.946	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.041	63	633	12.167	ug/l #	81
59) 2-Hexanone	11.090	43	35251	3.529	ug/l	91
64) Tetrachloroethene	10.980	164	2667	0.413	ug/l	92
65) Chlorobenzene	11.773	112	7711	0.371	ug/l	98
67) Ethyl Benzene	11.849	91	11349	0.299	ug/l	92
68) m/p-Xylenes	11.953	106	9446	0.679	ug/l	91
69) o-Xylene	12.280	106	3129	0.229	ug/l	97

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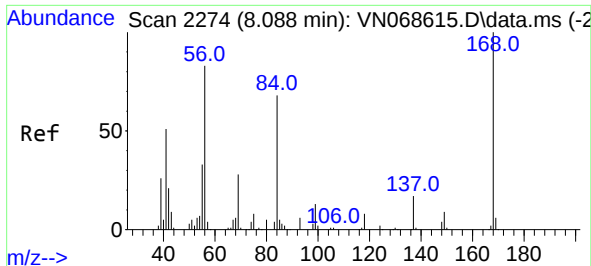
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	12.296	104	9643	0.439	ug/l #	90
71) Bromoform	12.465	173	1454	0.254	ug/l #	29
73) Isopropylbenzene	12.581	105	9367	0.283	ug/l	98
74) N-amyl acetate	12.396	43	16857	1.194	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	4809	0.464	ug/l	96
76) 1,2,3-Trichloropropane	12.881	75	7641	0.837	ug/l #	100
77) Bromobenzene	12.862	156	5098	0.672	ug/l	81
78) n-propylbenzene	12.921	91	21889	0.583	ug/l	98
79) 2-Chlorotoluene	13.010	91	11659	0.514	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	10383	0.400	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.734	75	247077	76.488	ug/l #	6
82) 4-Chlorotoluene	13.109	91	18452	0.836	ug/l	92
83) tert-Butylbenzene	13.326	119	6045	0.256	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	12699	0.501	ug/l	92
85) sec-Butylbenzene	13.506	105	13719	0.427	ug/l	94
86) p-Isopropyltoluene	13.619	119	14151	0.550	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	13964	1.085	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	17874	1.367	ug/l	85
89) n-Butylbenzene	13.943	91	24227	1.086	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	13747	1.101	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.603	75	4214	2.193	ug/l	92
93) 1,2,4-Trichlorobenzene	15.268	180	25763	4.160	ug/l	98
94) Hexachlorobutadiene	15.373	225	3203	0.962	ug/l	96
95) Naphthalene	15.509	128	147558	9.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	33711	5.571	ug/l	99

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

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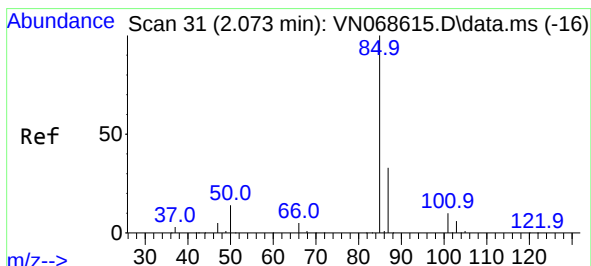
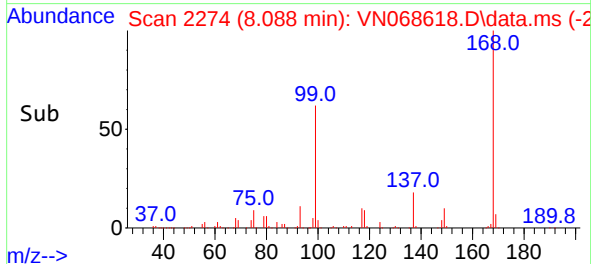
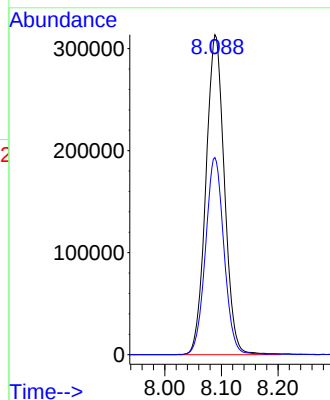
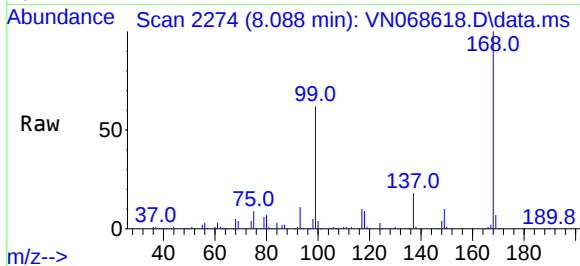




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

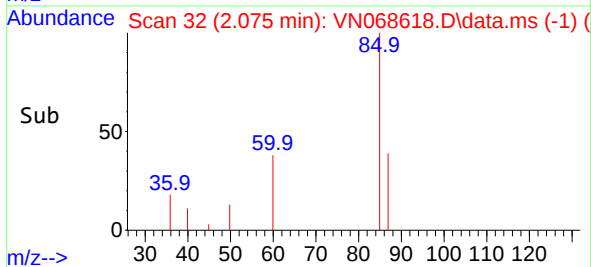
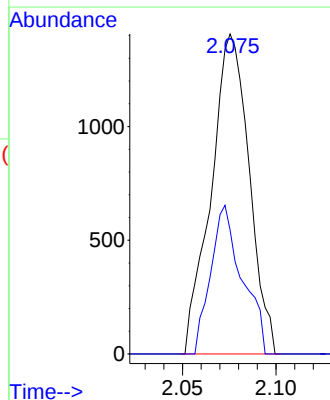
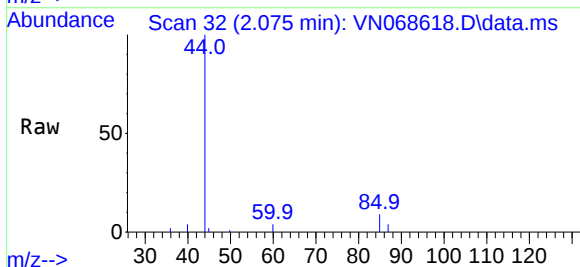
Instrument :
MSVOA_N
ClientSampled :
IBLK

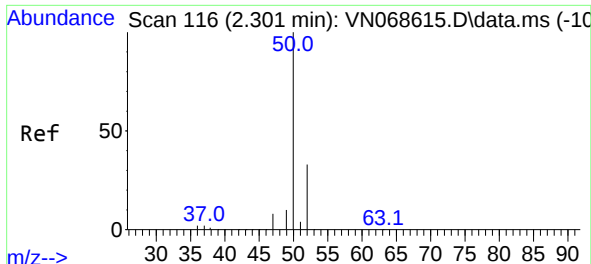
Tgt Ion:168 Resp: 711430
Ion Ratio Lower Upper
168 100
99 61.5 62.9 94.3#



#2
Dichlorodifluoromethane
Concen: 0.262 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 85 Resp: 1991
Ion Ratio Lower Upper
85 100
87 38.7 16.1 48.2

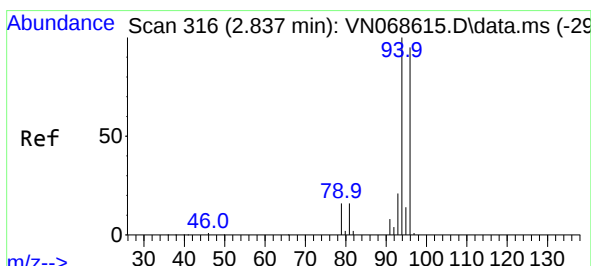
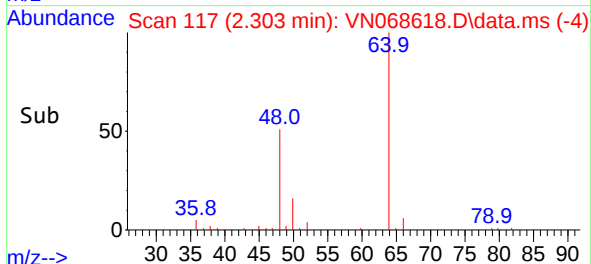
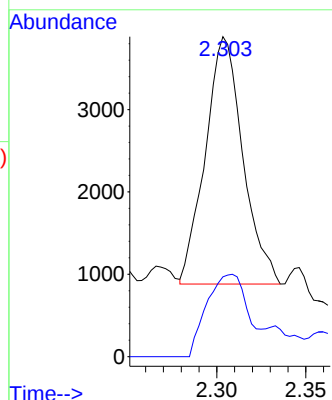
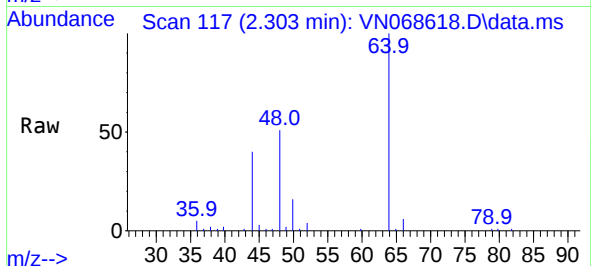




#3
Chloromethane
Concen: 0.352 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

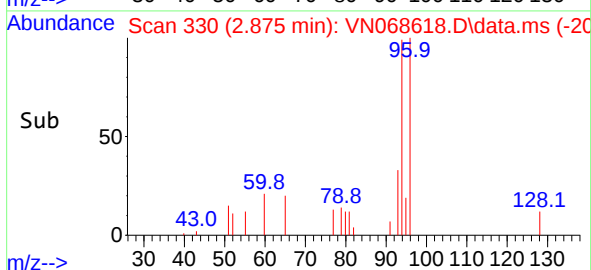
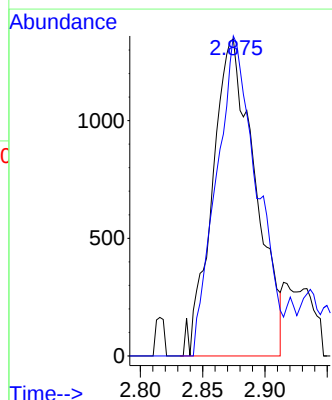
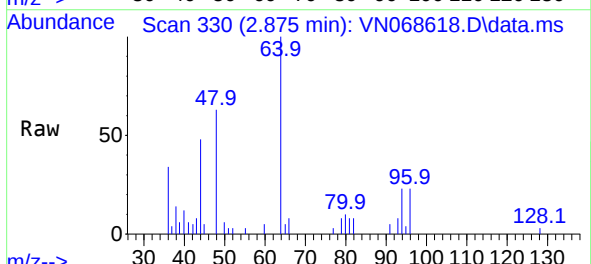
Instrument :
MSVOA_N
ClientSampleId :
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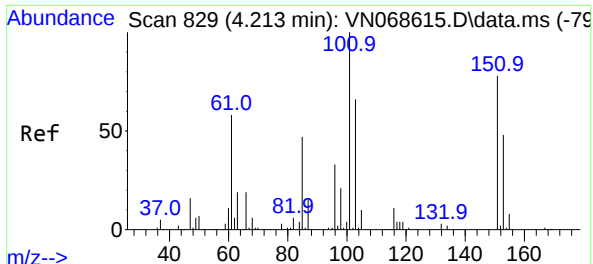
Tgt Ion: 50 Resp: 4410
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#5
Bromomethane
Concen: Below Cal
RT: 2.875 min Scan# 330
Delta R.T. 0.038 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 94 Resp: 3216
Ion Ratio Lower Upper
94 100
96 100.9 73.7 110.5



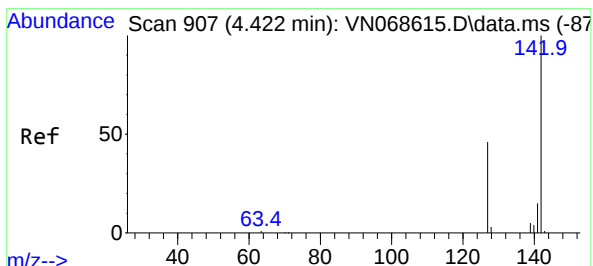
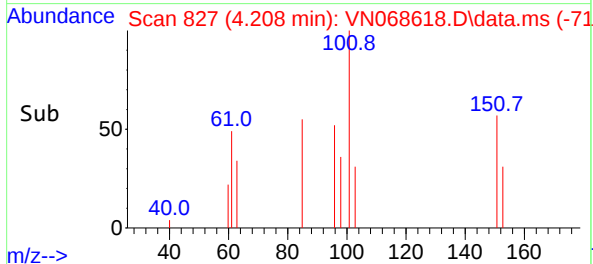
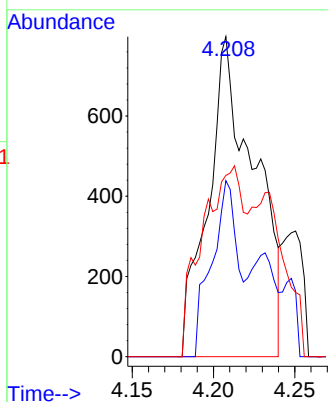
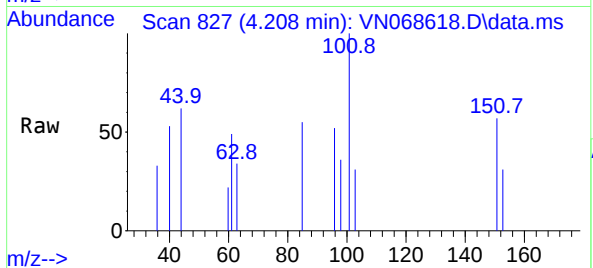


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.210 ug/l
RT: 4.208 min Scan# 827
Delta R.T. -0.005 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Instrument :
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IBLK

Tgt Ion:101 Resp: 1589

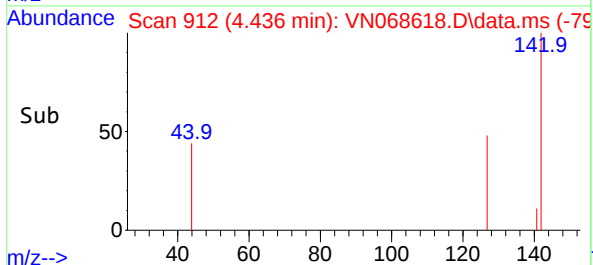
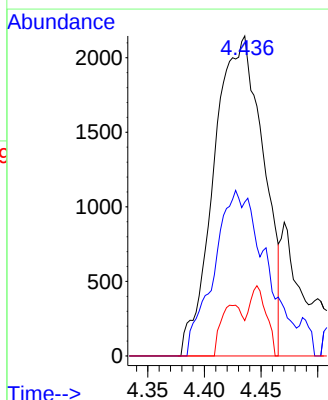
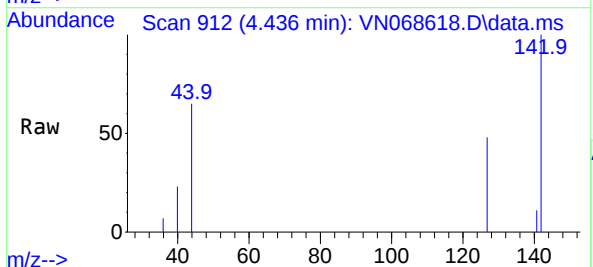
Ion	Ratio	Lower	Upper
101	100		
85	30.5	39.6	59.4#
151	54.4	54.1	81.1

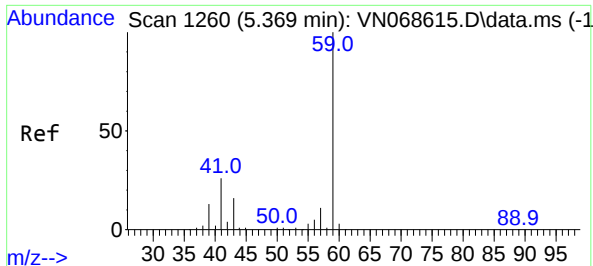


#10
Methyl Iodide
Concen: 0.713 ug/l
RT: 4.436 min Scan# 912
Delta R.T. 0.014 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:142 Resp: 6494

Ion	Ratio	Lower	Upper
142	100		
127	0.0	43.1	64.7#
141	7.5	11.4	17.0#

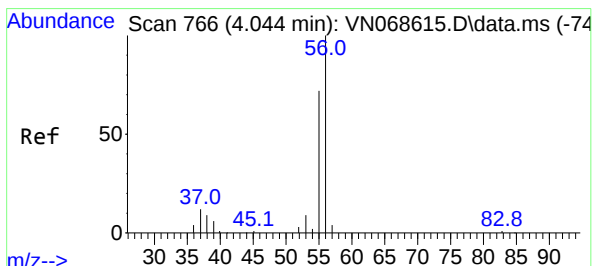
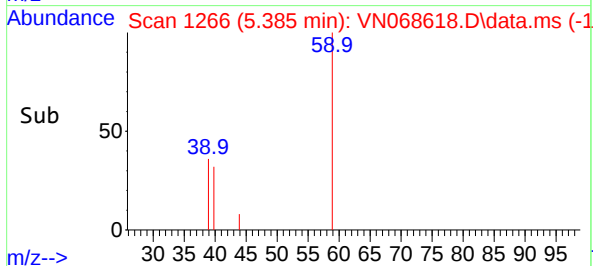
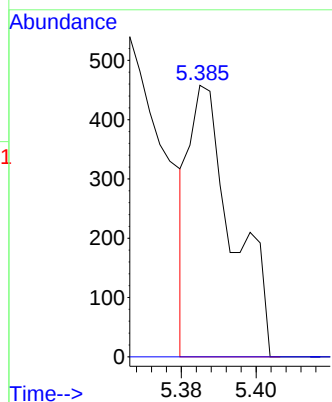
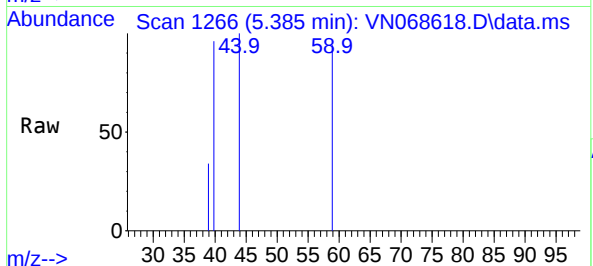




#11
Tert butyl alcohol
Concen: 0.217 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. 0.016 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

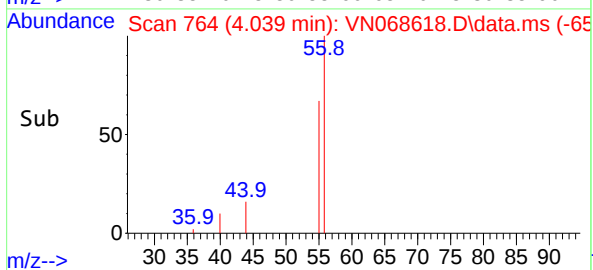
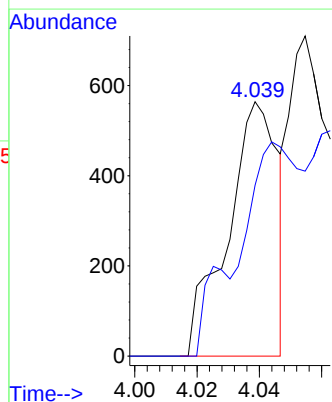
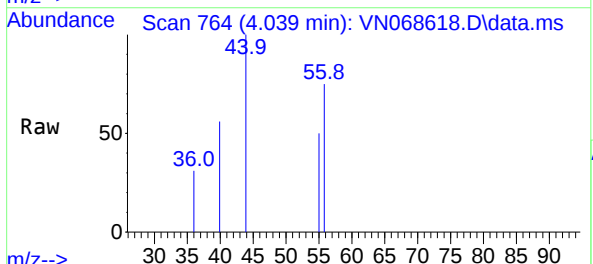
Instrument :
MSVOA_N
ClientSampled :
IBLK

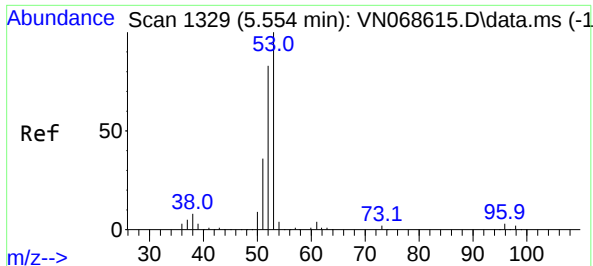
Tgt Ion: 59 Resp: 371
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 7.963 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.005 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 56 Resp: 628
Ion Ratio Lower Upper
56 100
55 108.3 57.4 86.0#

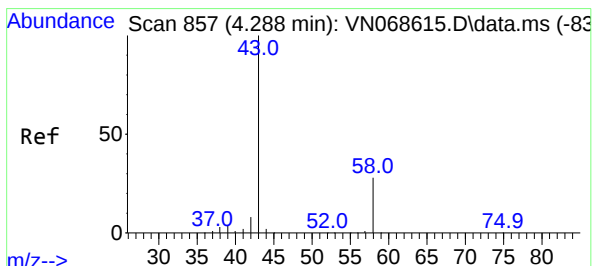
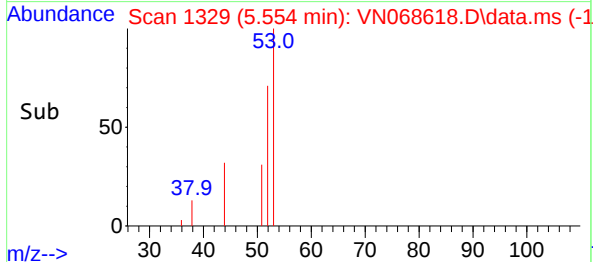
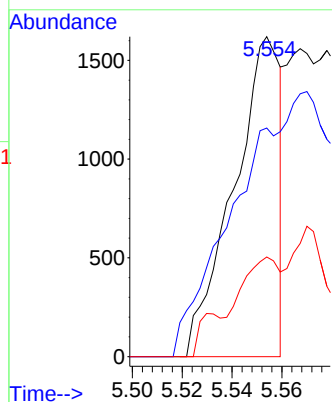
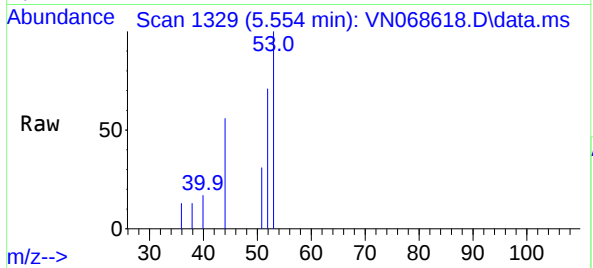




#15
Acrylonitrile
Concen: 0.455 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

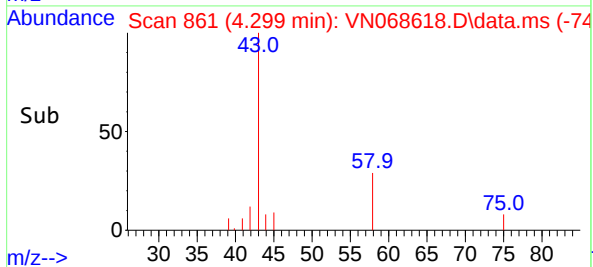
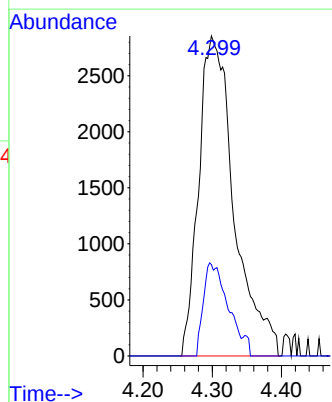
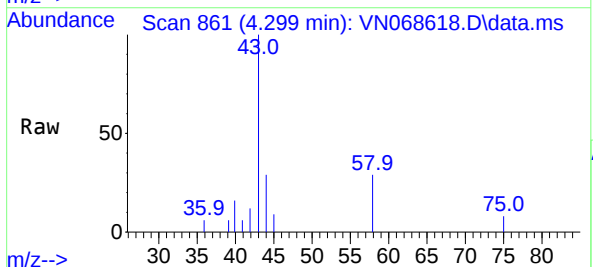
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MSVOA_N
ClientSampled :
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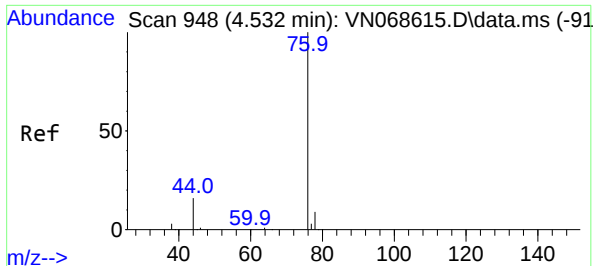
Tgt Ion: 53 Resp: 2098
Ion Ratio Lower Upper
53 100
52 77.7 66.2 99.2
51 27.2 30.2 45.4#



#16
Acetone
Concen: Below Cal
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 43 Resp: 10143
Ion Ratio Lower Upper
43 100
58 28.5 21.2 31.8

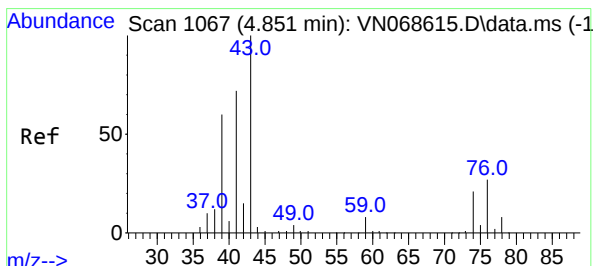
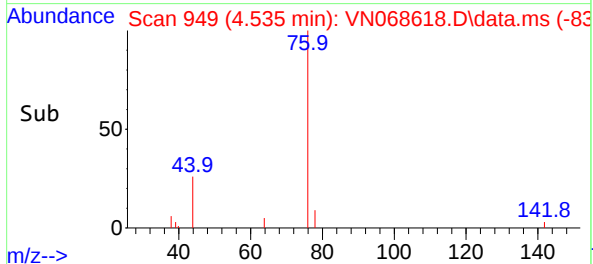
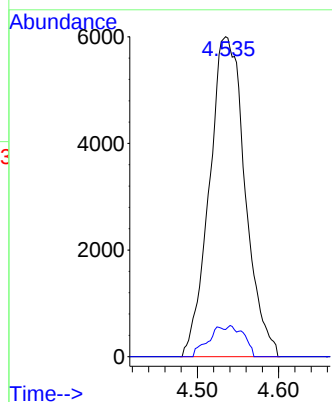
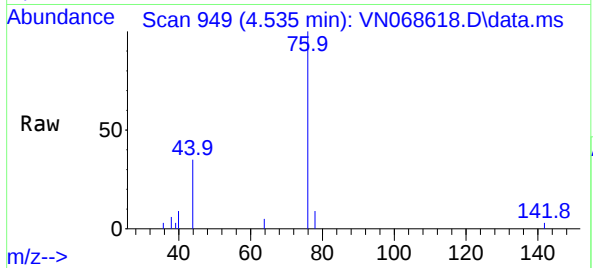




#17
Carbon Disulfide
Concen: 0.858 ug/l
RT: 4.535 min Scan# 949
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

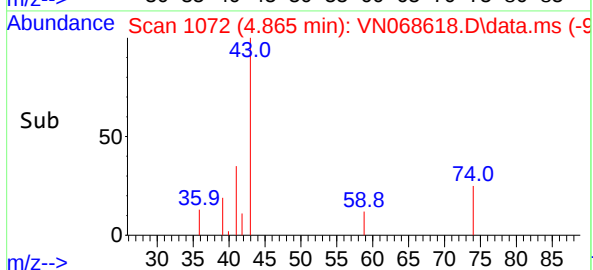
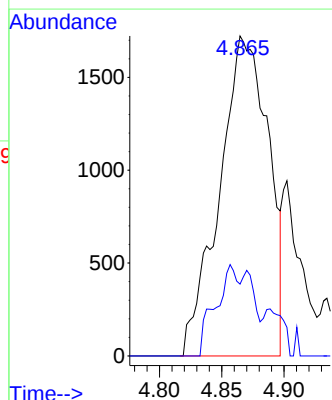
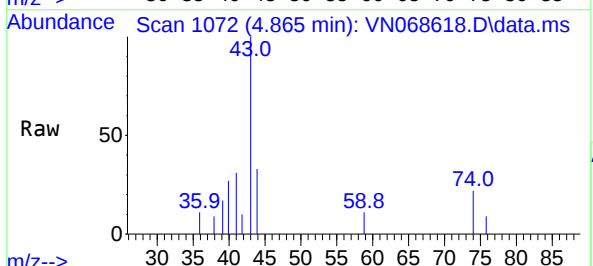
Instrument :
MSVOA_N
ClientSampled :
IBLK

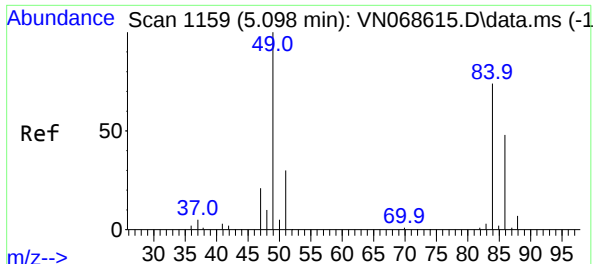
Tgt Ion: 76 Resp: 18301
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5



#18
Methyl Acetate
Concen: 0.288 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.014 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 43 Resp: 4708
Ion Ratio Lower Upper
43 100
74 13.6 17.4 26.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.098 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VN068618.D

Acq: 23 Sep 2021 13:01

Tgt Ion: 84 Resp: 4948

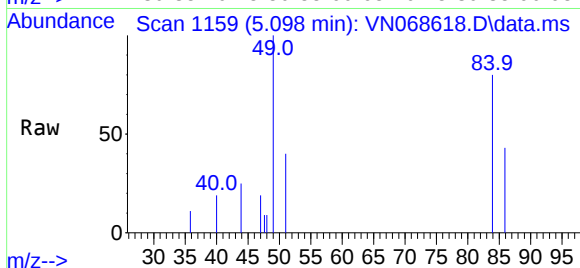
Ion Ratio Lower Upper

84 100

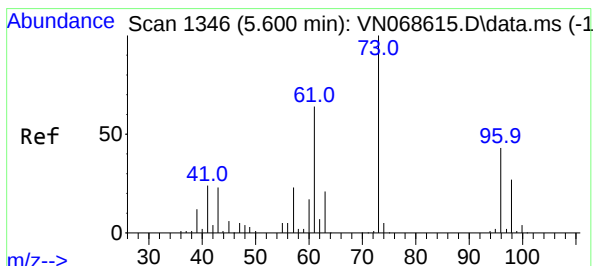
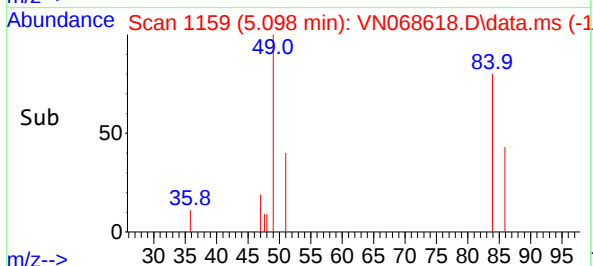
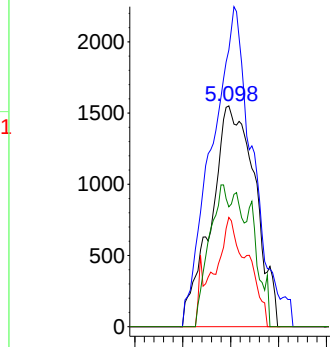
49 125.3 110.9 166.3

51 49.5 32.6 49.0#

86 54.3 51.6 77.4



Abundance



#21

trans-1,2-Dichloroethene

Concen: 0.354 ug/l

RT: 5.594 min Scan# 1344

Delta R.T. -0.006 min

Lab File: VN068618.D

Acq: 23 Sep 2021 13:01

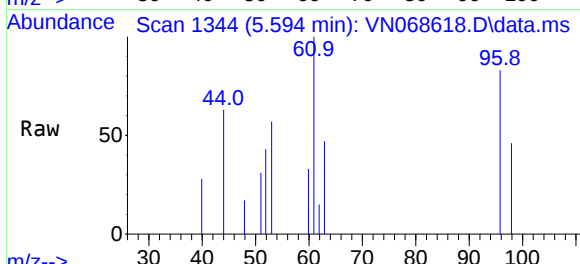
Tgt Ion: 96 Resp: 2773

Ion Ratio Lower Upper

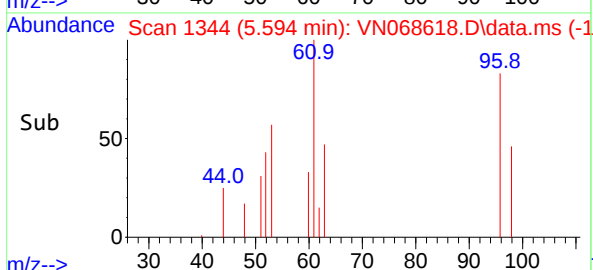
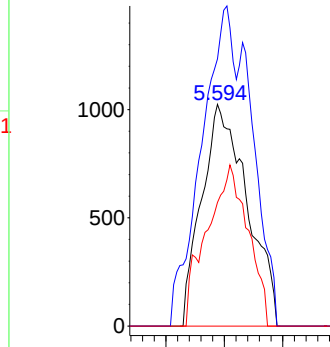
96 100

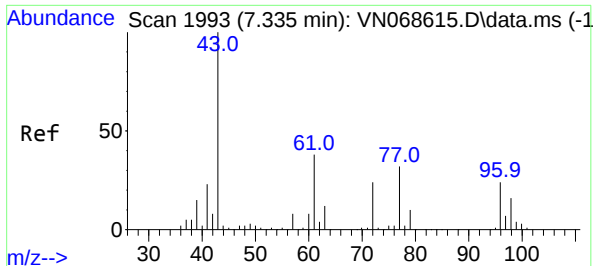
61 120.5 123.5 185.3#

98 55.8 48.6 72.8



Abundance

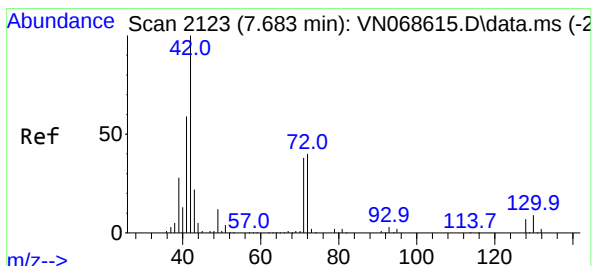
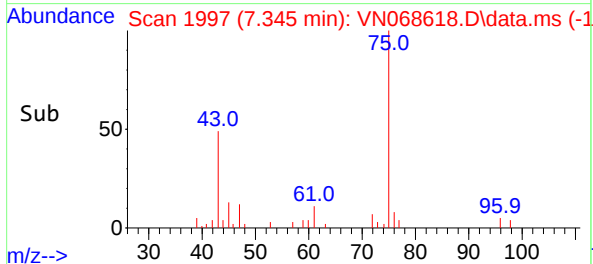
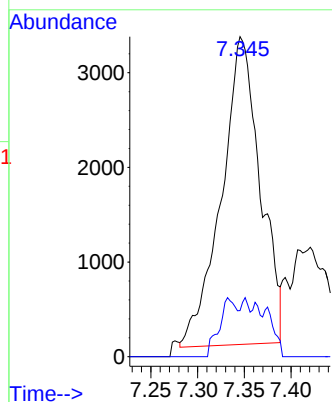
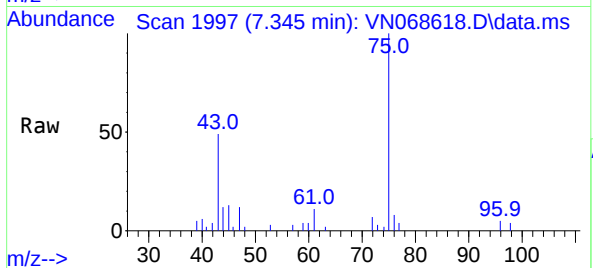




#25
2-Butanone
Concen: 1.384 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.010 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

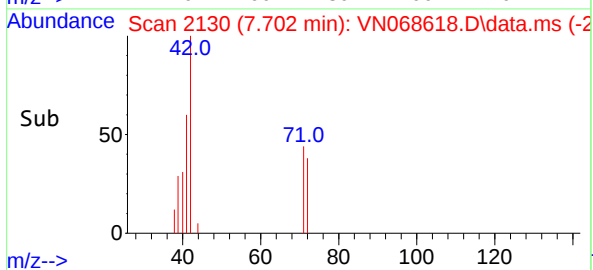
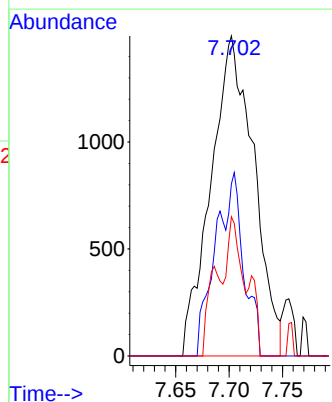
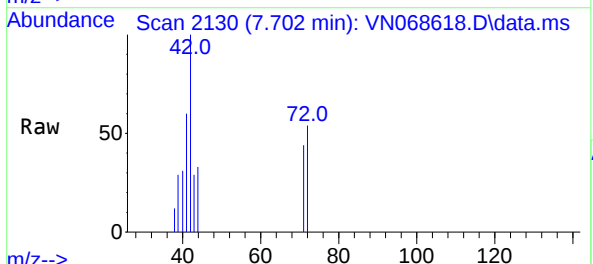
Instrument :
MSVOA_N
ClientSampleId :
IBLK

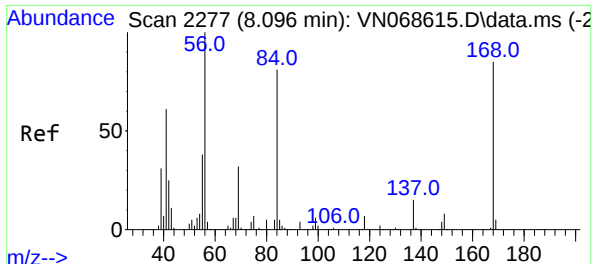
Tgt Ion: 43 Resp: 9370
Ion Ratio Lower Upper
43 100
72 15.1 19.7 29.5#



#29
Tetrahydrofuran
Concen: 0.971 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.019 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 42 Resp: 4178
Ion Ratio Lower Upper
42 100
72 20.6 32.8 49.2#
71 7.7 31.2 46.8#

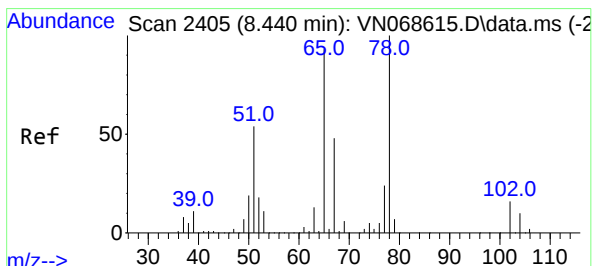
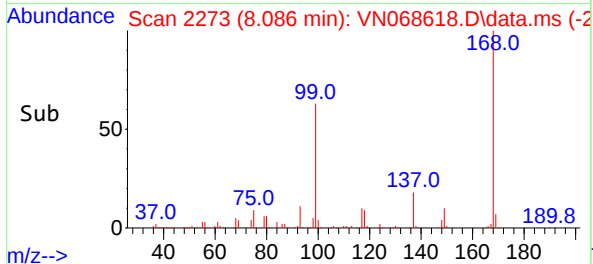
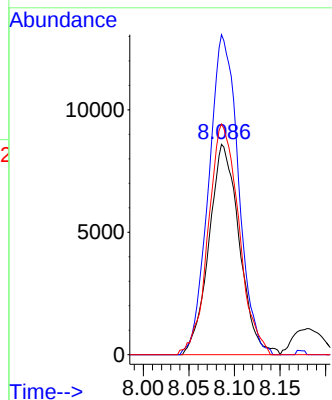
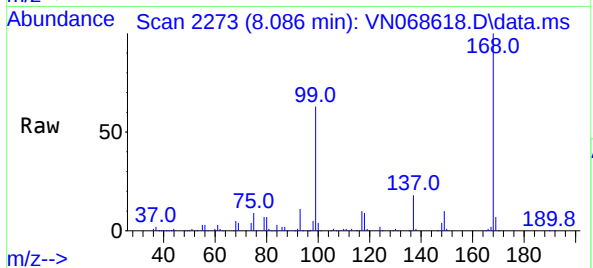




#31
Cyclohexane
Concen: 1.276 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

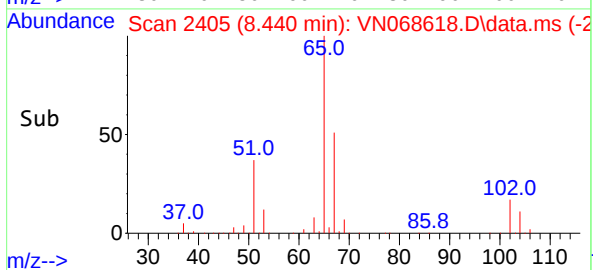
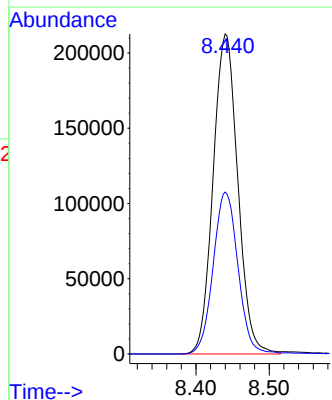
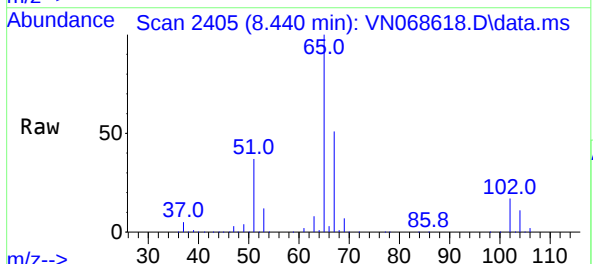
Instrument :
MSVOA_N
ClientSampled :
IBLK

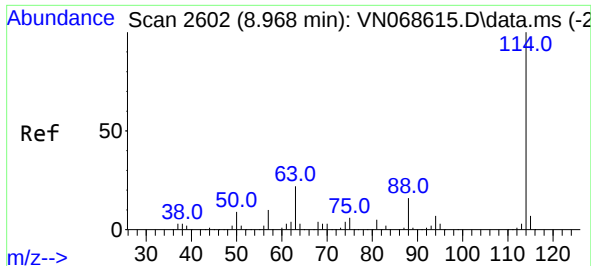
Tgt Ion: 56 Resp: 19878
Ion Ratio Lower Upper
56 100
69 152.0 27.3 40.9#
84 109.6 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 44.726 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 65 Resp: 497935
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6

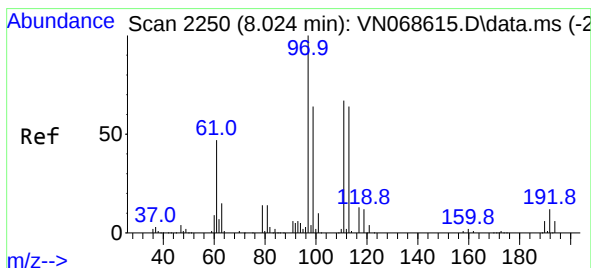
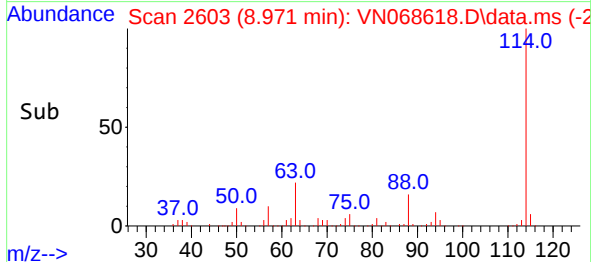
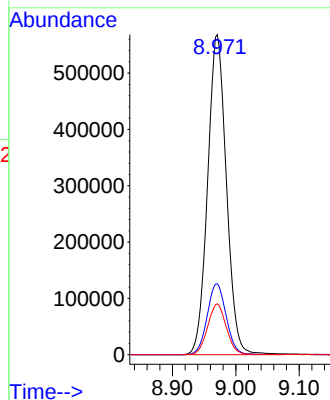
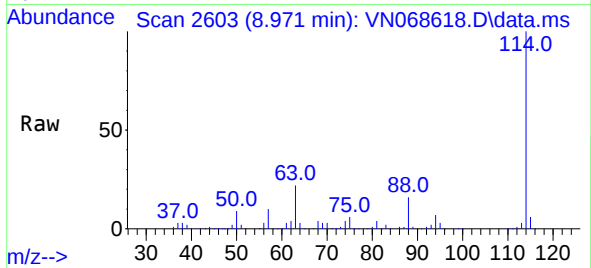




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

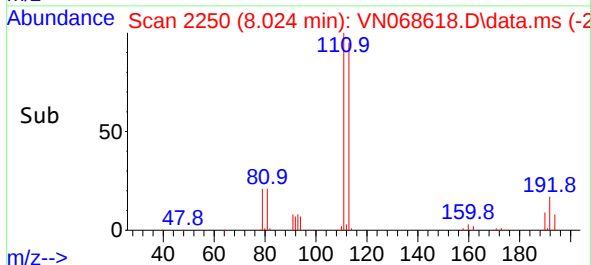
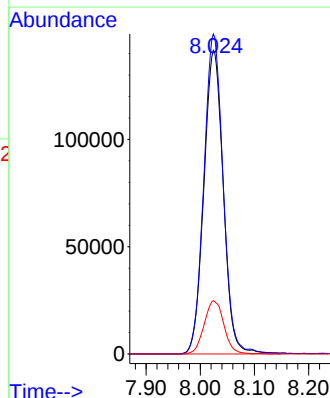
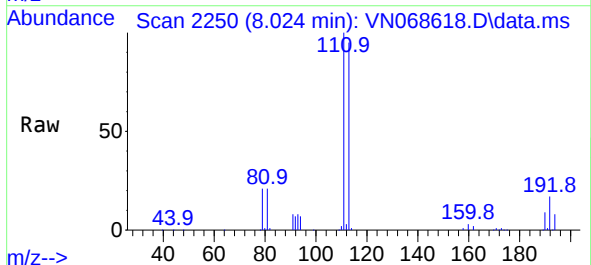
Instrument :
MSVOA_N
ClientSampled :
IBLK

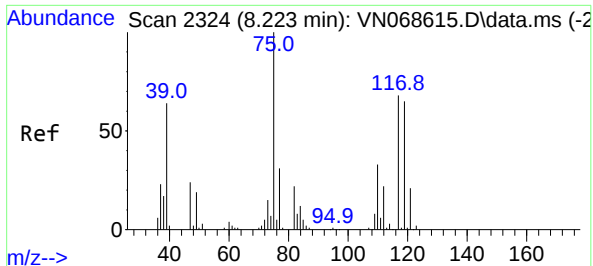
Tgt Ion:114 Resp: 1170928
Ion Ratio Lower Upper
114 100
63 22.1 0.0 49.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.990 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:113 Resp: 353348
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 17.7 13.4 20.0

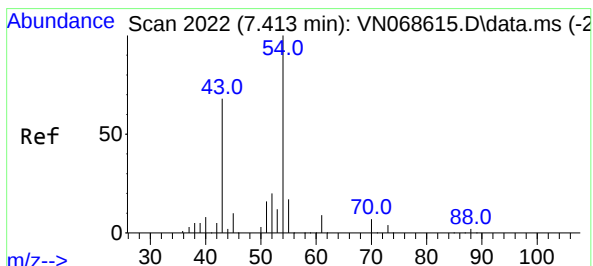
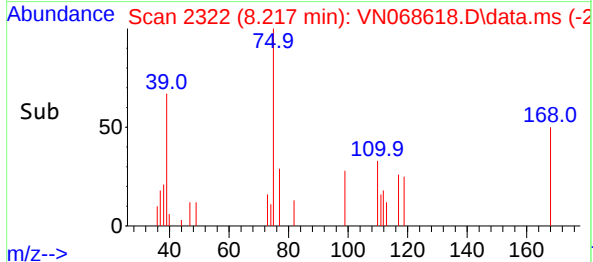
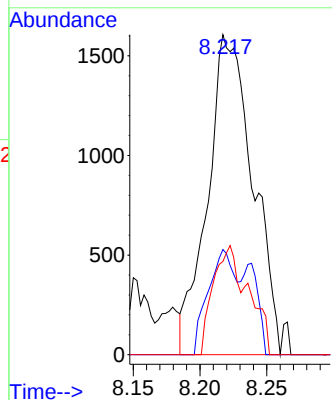
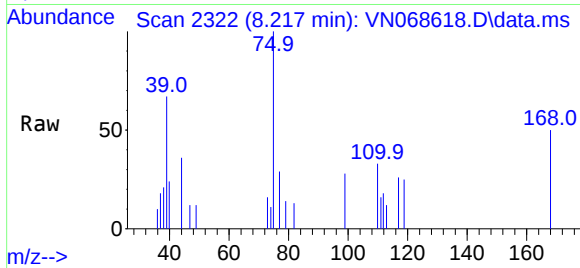




#36
1,1-Dichloropropene
Concen: 0.319 ug/l
RT: 8.217 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

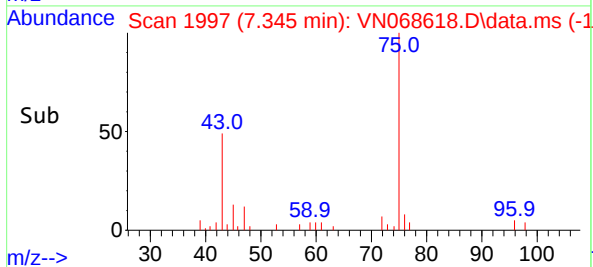
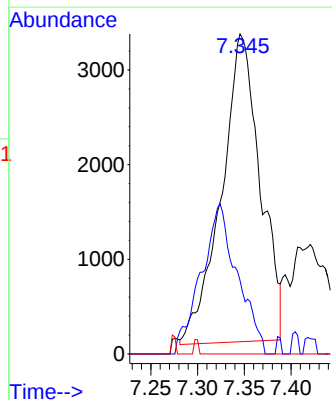
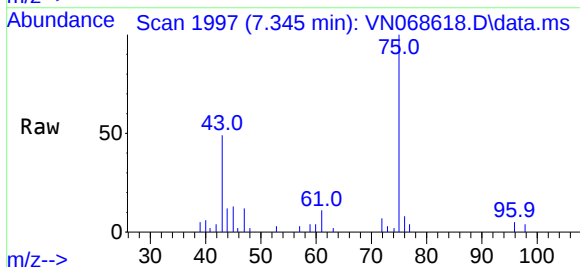
Instrument :
MSVOA_N
ClientSampled :
IBLK

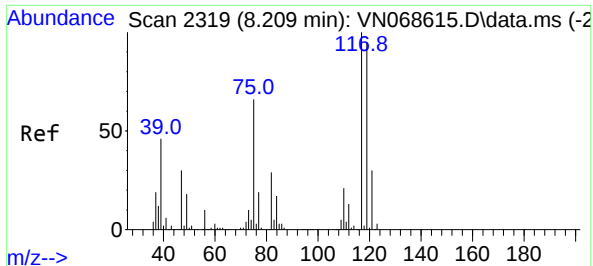
Tgt Ion: 75 Resp: 3775
Ion Ratio Lower Upper
75 100
110 19.3 15.7 47.0
77 18.5 24.6 37.0#



#37
Ethyl Acetate
Concen: 0.698 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.068 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 43 Resp: 9370
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.1 12.1#

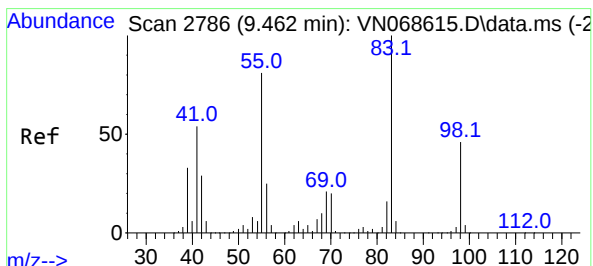
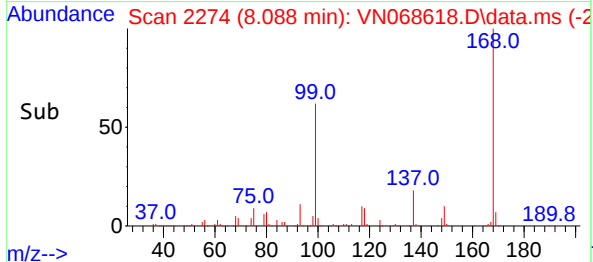
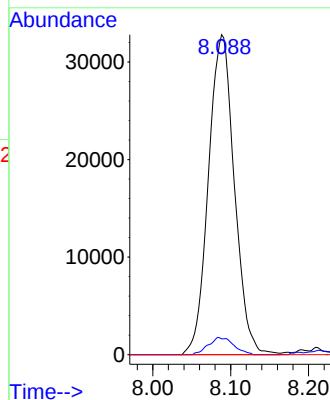
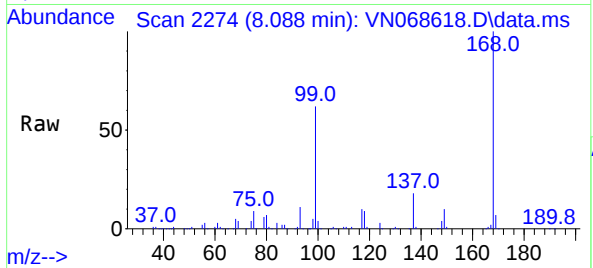




#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

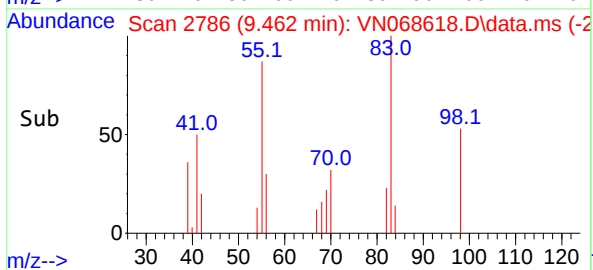
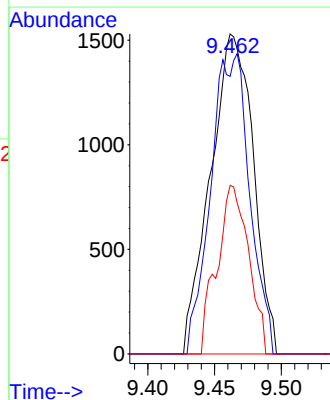
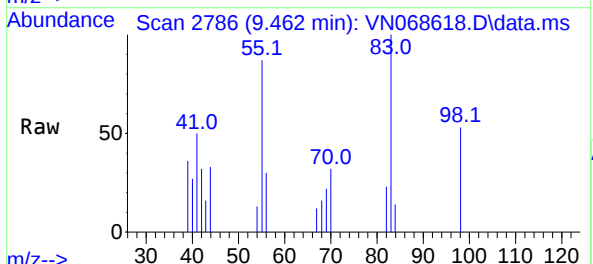
Instrument :
MSVOA_N
ClientSampled :
IBLK

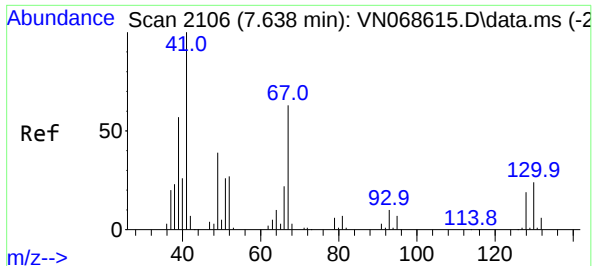
Tgt Ion:117 Resp: 75841
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.2#
121 0.0 23.5 35.3#



#39
Methylcyclohexane
Concen: 0.246 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 83 Resp: 3413
Ion Ratio Lower Upper
83 100
55 86.7 66.6 99.8
98 52.7 35.3 52.9



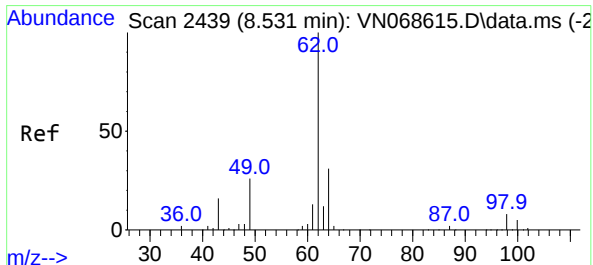
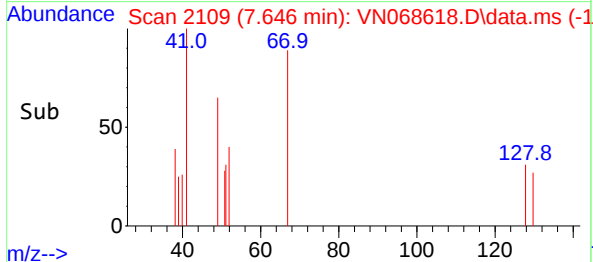
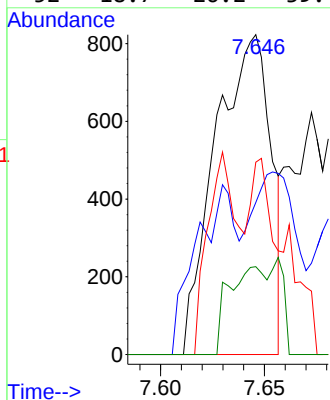
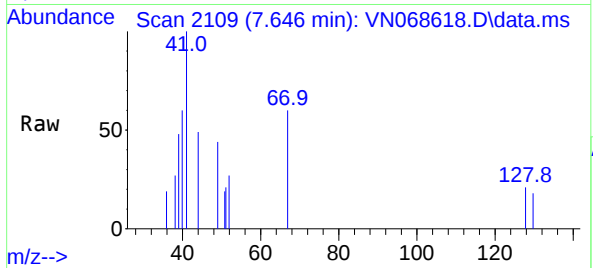


#41
Methacrylonitrile
Concen: 0.215 ug/l
RT: 7.646 min Scan# 2109
Delta R.T. 0.008 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 41 Resp: 1525

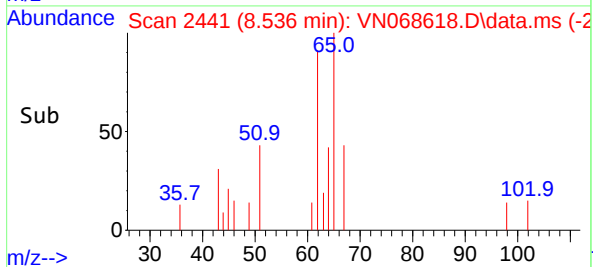
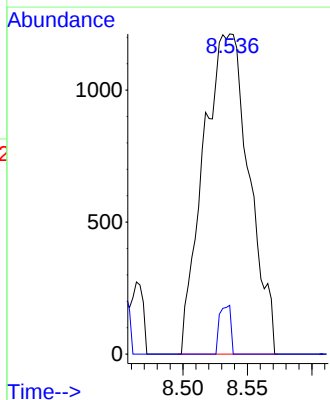
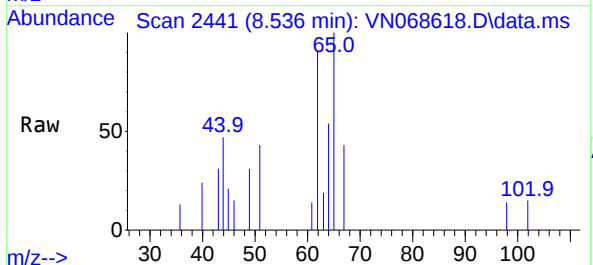
Ion	Ratio	Lower	Upper
41	100		
39	35.5	47.6	71.4#
67	38.5	57.7	86.5#
52	18.7	26.2	39.4#

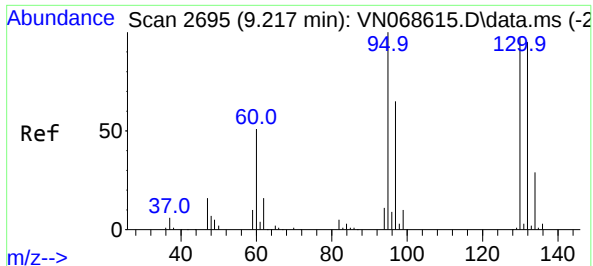


#42
1,2-Dichloroethane
Concen: 0.222 ug/l
RT: 8.536 min Scan# 2441
Delta R.T. 0.005 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 62 Resp: 3000

Ion	Ratio	Lower	Upper
62	100		
98	3.7	0.0	14.2

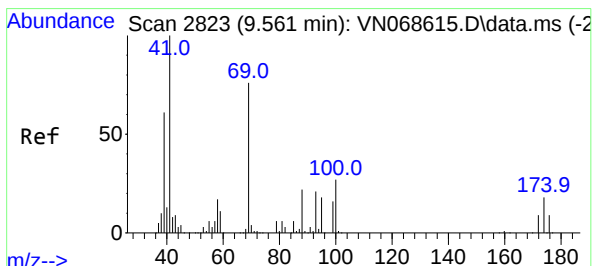
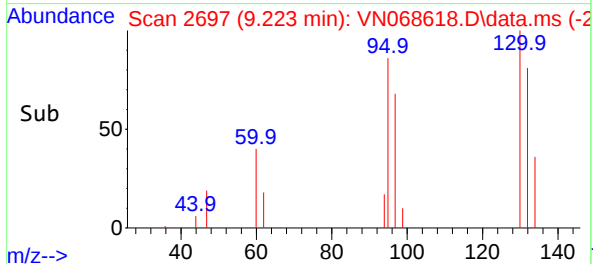
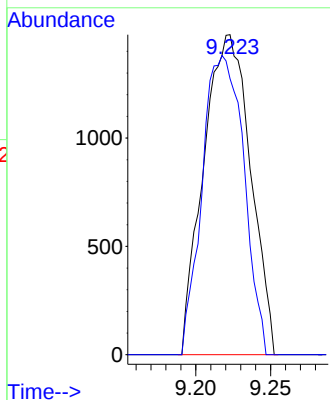
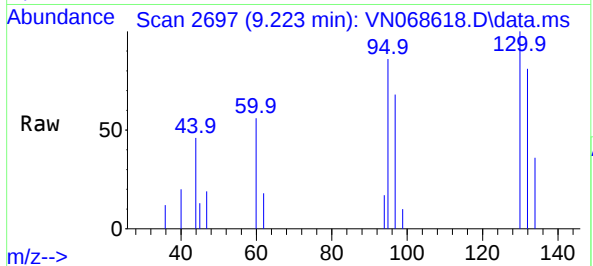




#44
Trichloroethene
Concen: 0.385 ug/l
RT: 9.223 min Scan# 2697
Delta R.T. 0.006 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

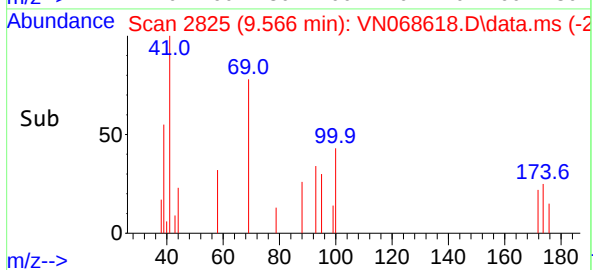
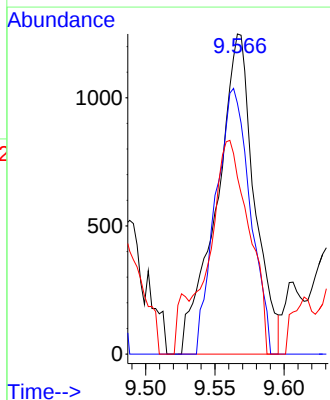
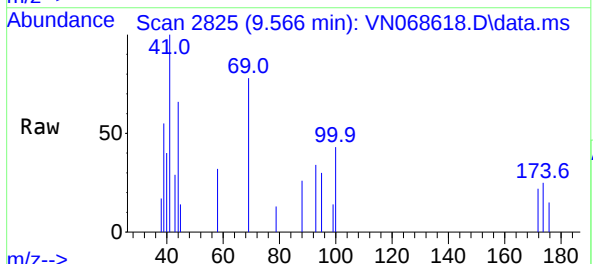
Instrument :
MSVOA_N
ClientSampled :
IBLK

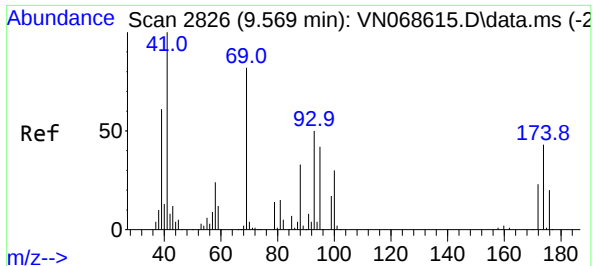
Tgt Ion:130 Resp: 3222
Ion Ratio Lower Upper
130 100
95 86.3 0.0 234.4



#48
Methyl methacrylate
Concen: 0.225 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. 0.005 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 41 Resp: 2359
Ion Ratio Lower Upper
41 100
69 75.8 64.6 96.8
39 64.9 53.3 79.9

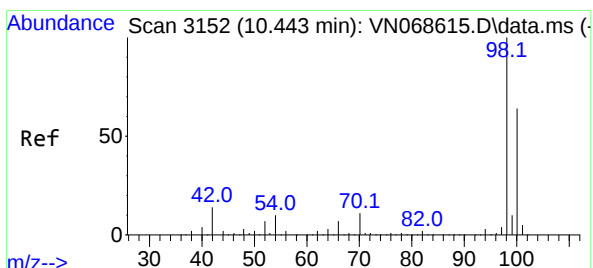
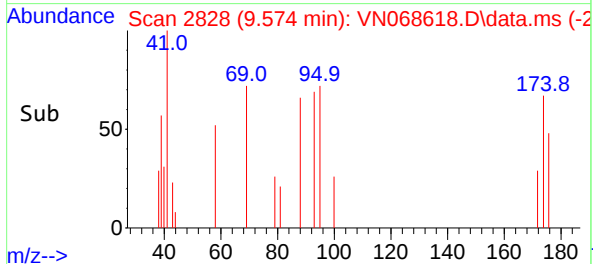
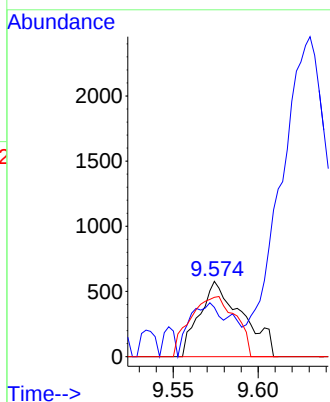
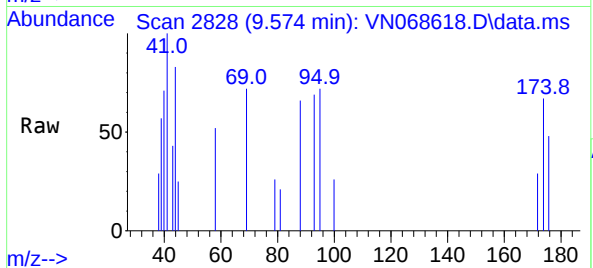




#49
1,4-Dioxane
Concen: 6.627 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.005 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

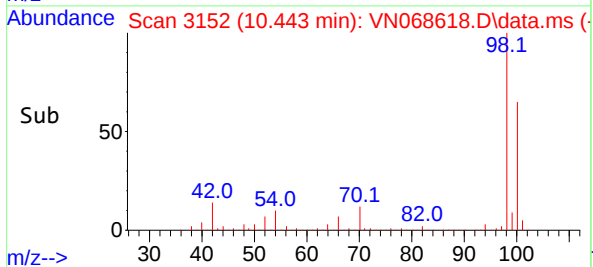
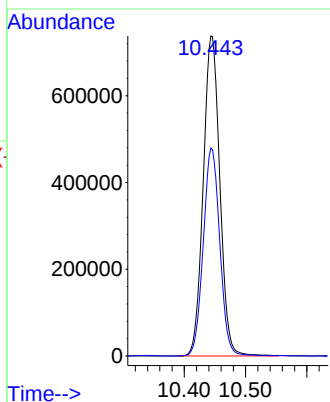
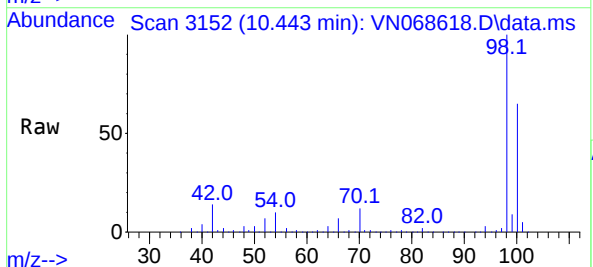
Instrument :
MSVOA_N
ClientSampled :
IBLK

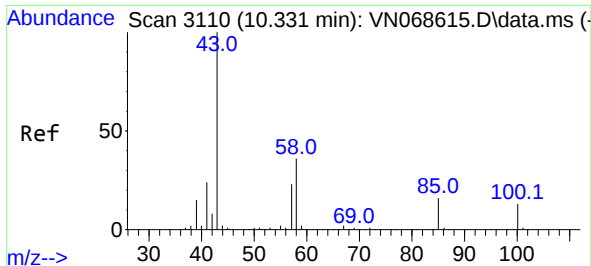
Tgt Ion: 88 Resp: 1014
Ion Ratio Lower Upper
88 100
43 51.2 28.8 43.2#
58 84.2 60.4 90.6



#50
Toluene-d8
Concen: 41.863 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 98 Resp: 1390201
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

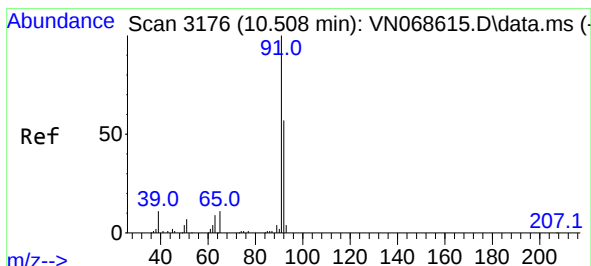
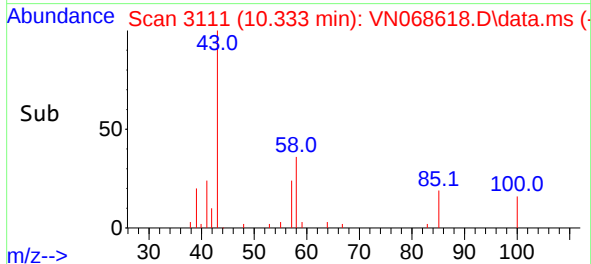
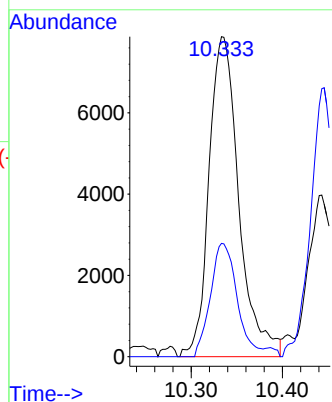
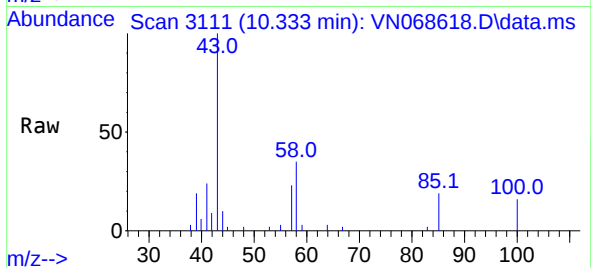




#51
4-Methyl-2-Pentanone
Concen: 1.291 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

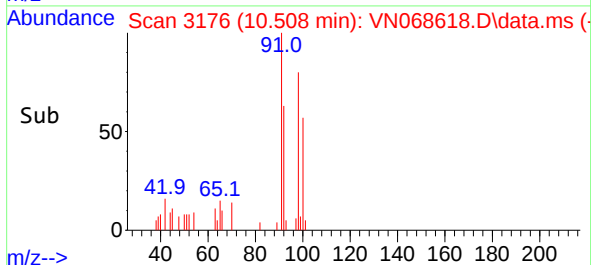
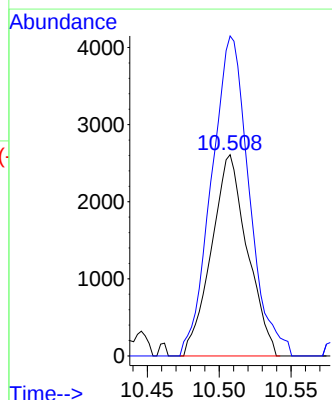
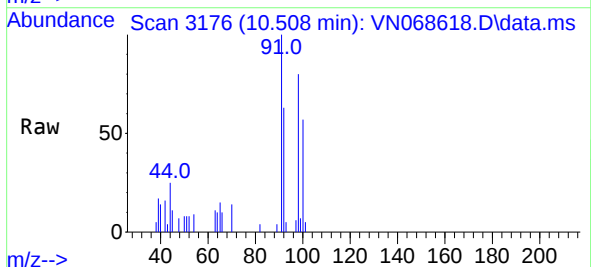
Instrument :
MSVOA_N
ClientSampled :
IBLK

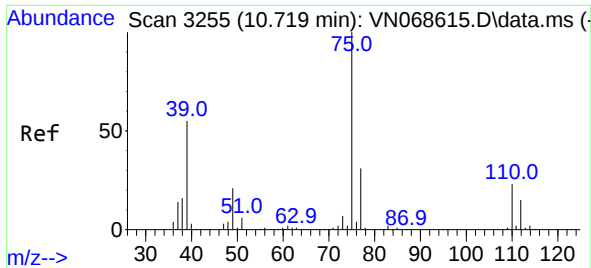
Tgt Ion: 43 Resp: 17925
Ion Ratio Lower Upper
43 100
58 31.6 28.6 43.0



#52
Toluene
Concen: 0.206 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 92 Resp: 4530
Ion Ratio Lower Upper
92 100
91 166.3 139.6 209.4

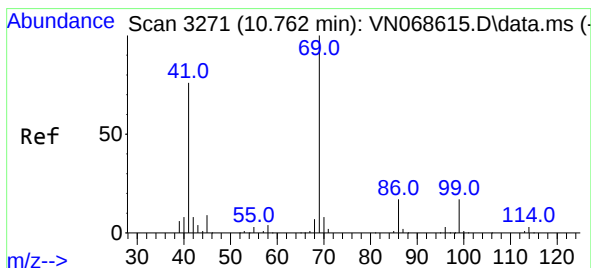
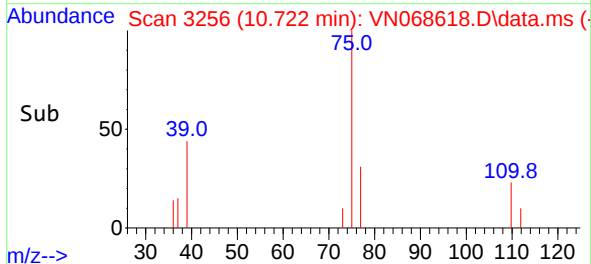
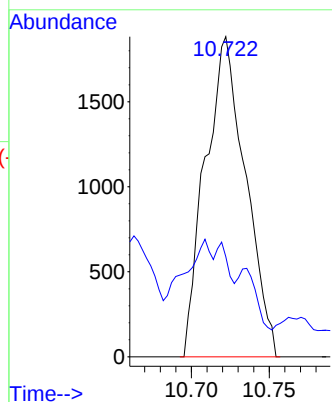
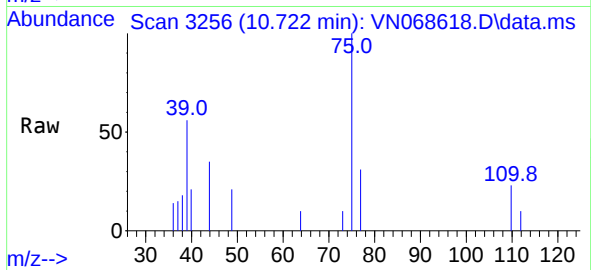




#53
t-1,3-Dichloropropene
Concen: 0.245 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

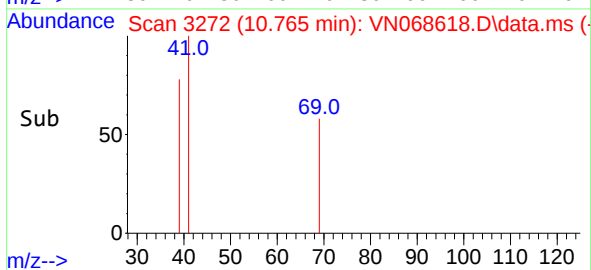
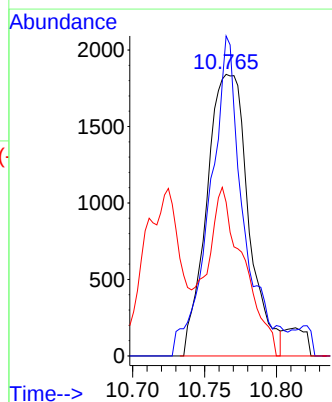
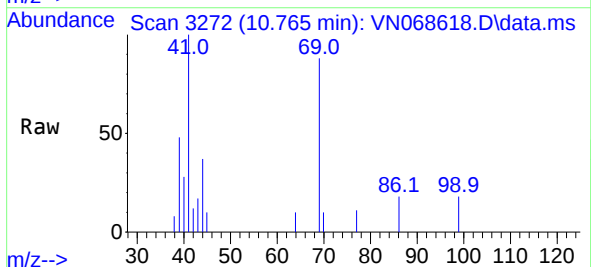
Instrument :
MSVOA_N
ClientSampleId :
IBLK

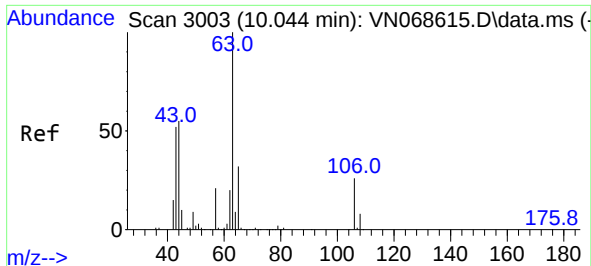
Tgt Ion: 75 Resp: 3389
Ion Ratio Lower Upper
75 100
77 20.9 25.1 37.7#



#56
Ethyl methacrylate
Concen: 0.946 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 69 Resp: 3712
Ion Ratio Lower Upper
69 100
41 92.1 58.6 88.0#
39 46.8 38.3 57.5

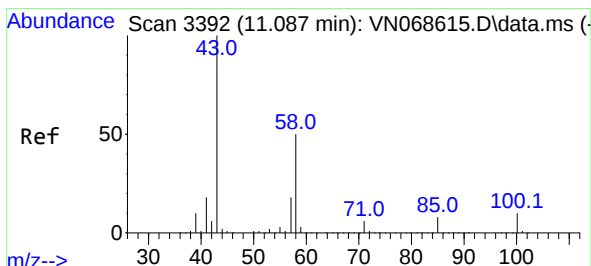
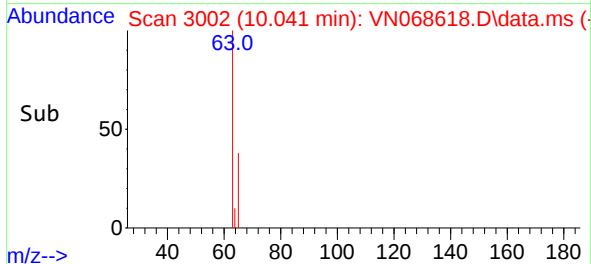
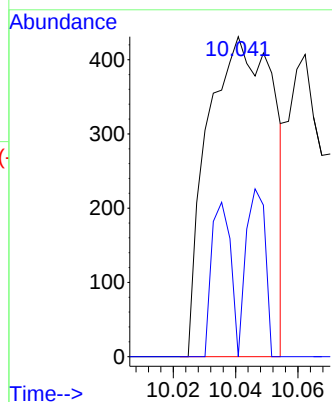
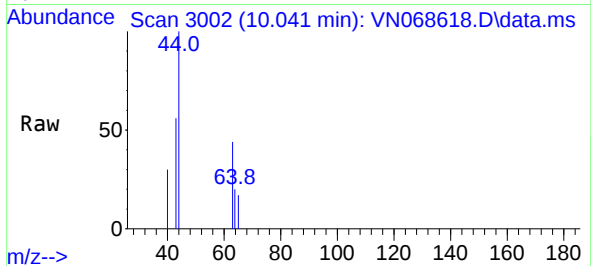




#58
2-Chloroethyl Vinyl ether
Concen: 12.167 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

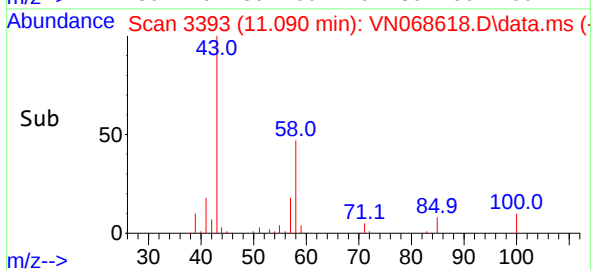
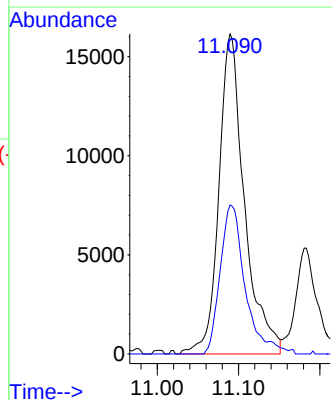
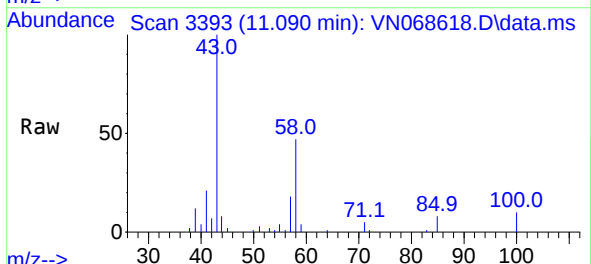
Instrument :
MSVOA_N
ClientSampled :
IBLK

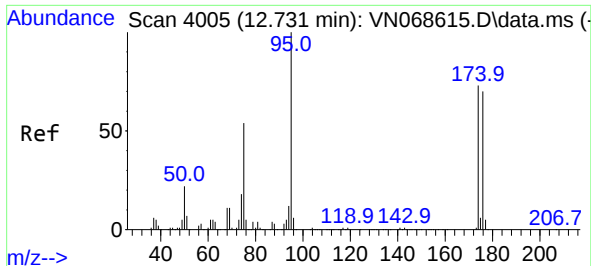
Tgt Ion: 63 Resp: 633
Ion Ratio Lower Upper
63 100
106 15.3 19.8 29.8#



#59
2-Hexanone
Concen: 3.529 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 43 Resp: 35251
Ion Ratio Lower Upper
43 100
58 43.5 24.7 74.1

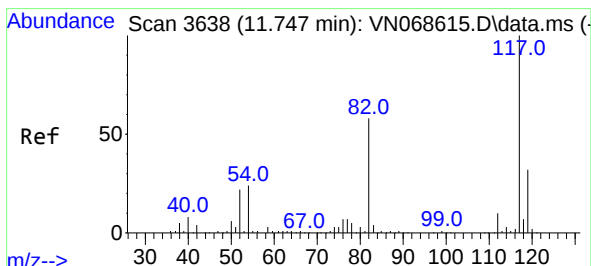
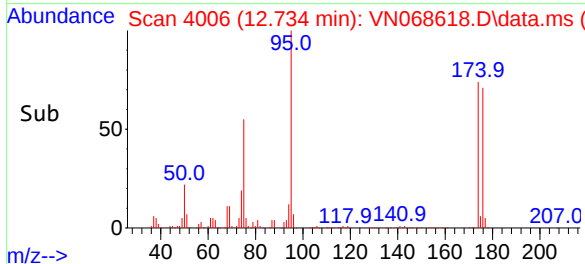
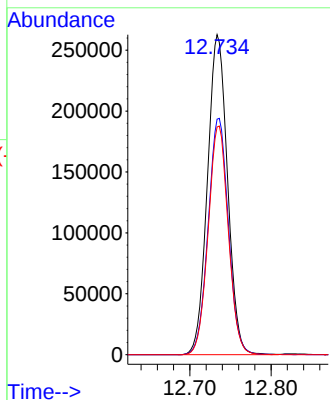
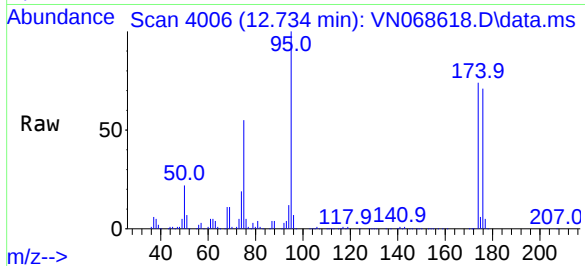




#62
4-Bromofluorobenzene
Concen: 39.722 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

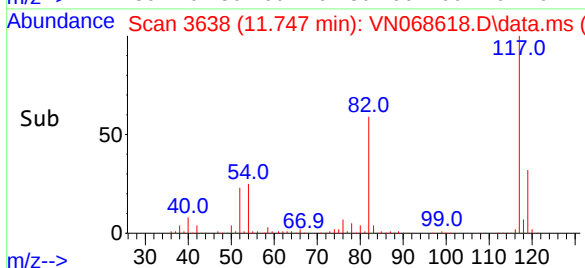
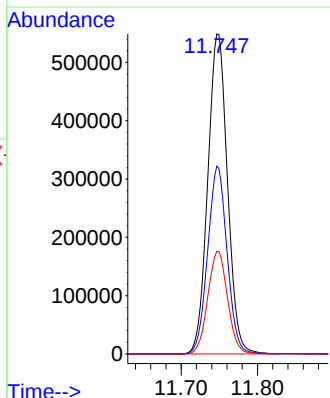
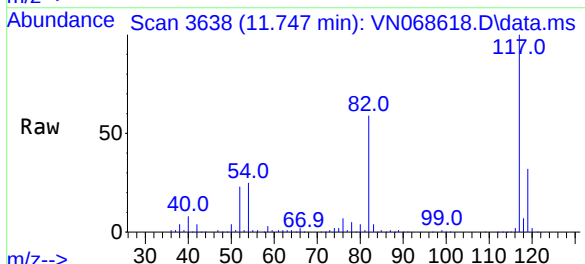
Instrument :
MSVOA_N
ClientSampleId :
IBLK

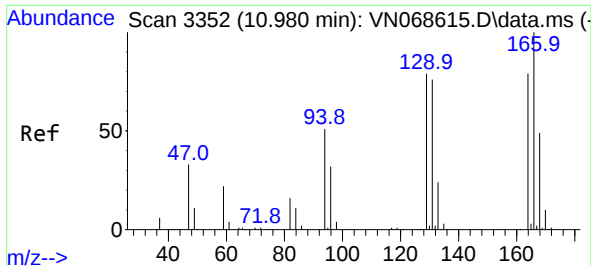
Tgt Ion: 95 Resp: 451143
Ion Ratio Lower Upper
95 100
174 74.5 0.0 122.0
176 71.5 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 117 Resp: 984532
Ion Ratio Lower Upper
117 100
82 58.6 53.1 79.7
119 32.0 25.5 38.3



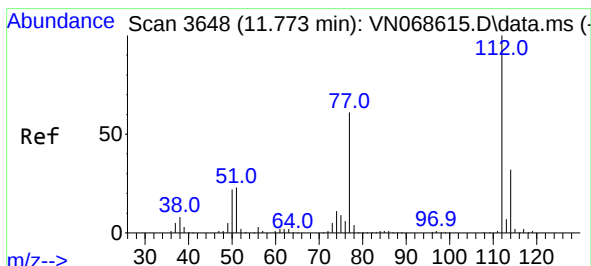
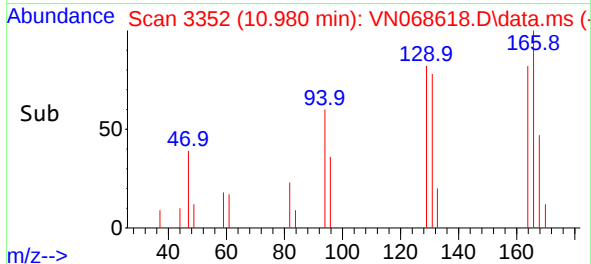
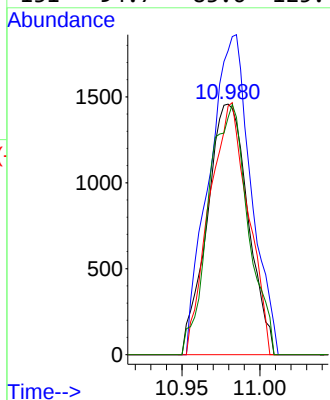
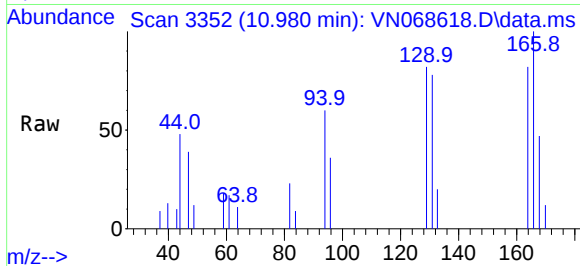


#64
Tetrachloroethene
Concen: 0.413 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:164 Resp: 2667

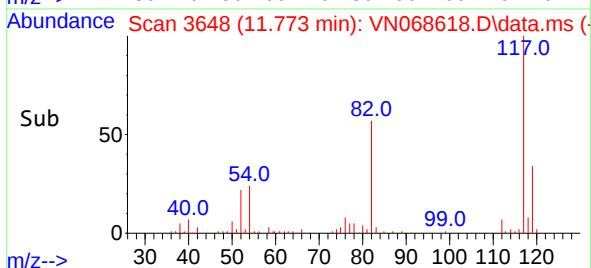
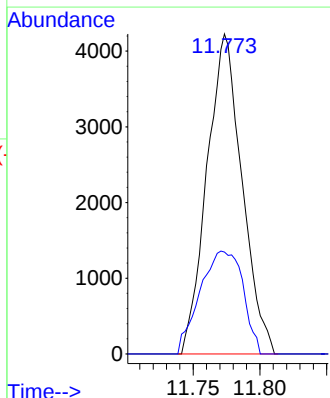
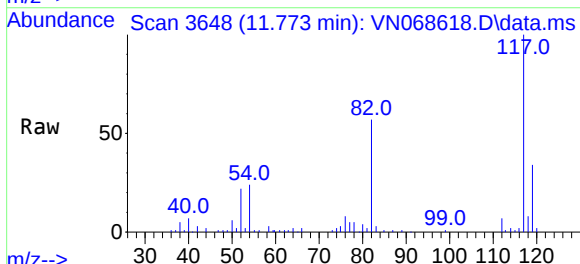
Ion	Ratio	Lower	Upper
164	100		
166	121.3	102.1	153.1
129	99.2	86.9	130.3
131	94.7	83.6	125.4

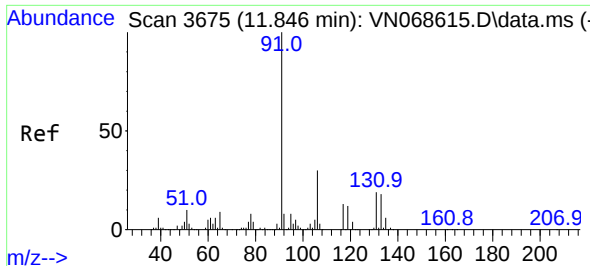


#65
Chlorobenzene
Concen: 0.371 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:112 Resp: 7711

Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.6	37.0

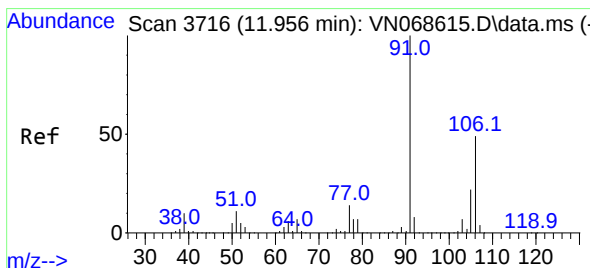
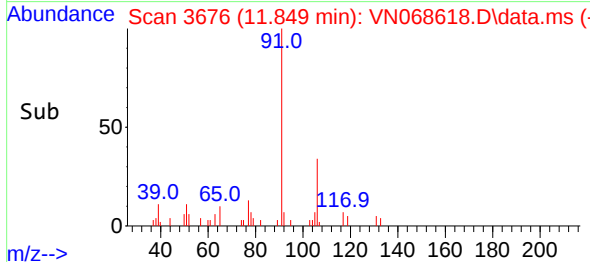
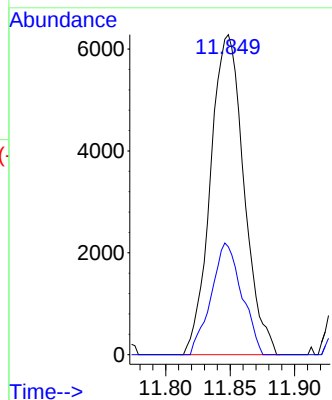
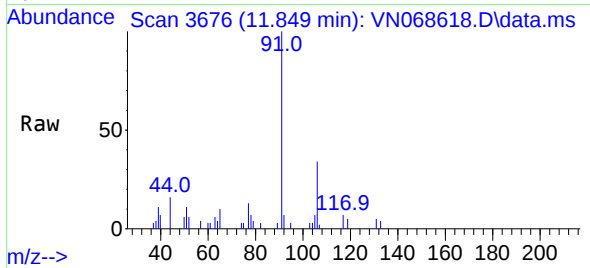




#67
Ethyl Benzene
Concen: 0.299 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

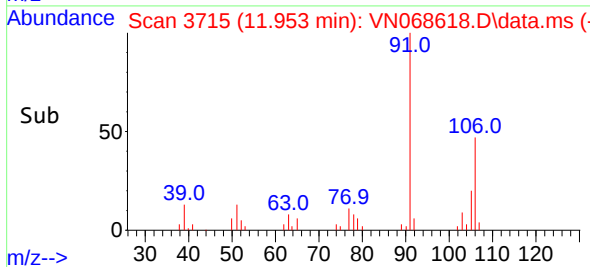
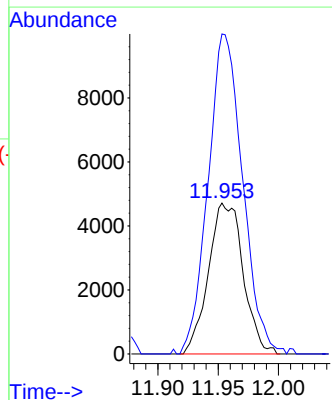
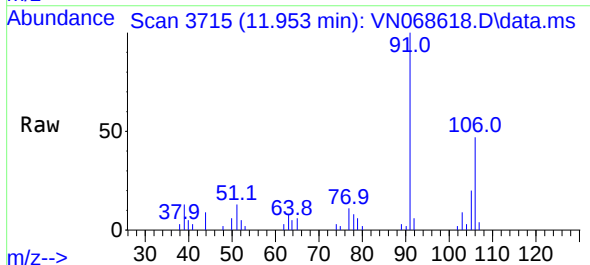
Instrument :
MSVOA_N
ClientSampled :
IBLK

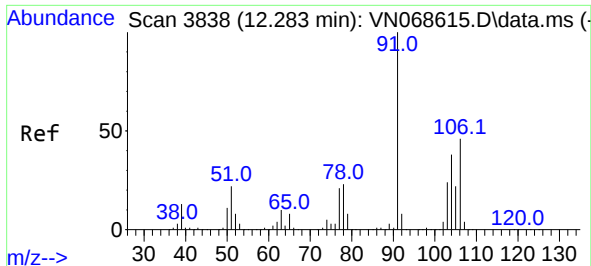
Tgt Ion: 91 Resp: 11349
Ion Ratio Lower Upper
91 100
106 33.7 23.4 35.0



#68
m/p-Xylenes
Concen: 0.679 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:106 Resp: 9446
Ion Ratio Lower Upper
106 100
91 210.6 180.6 270.8

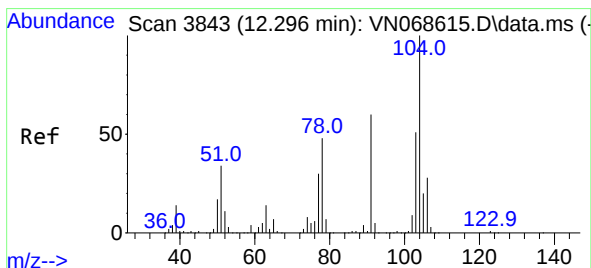
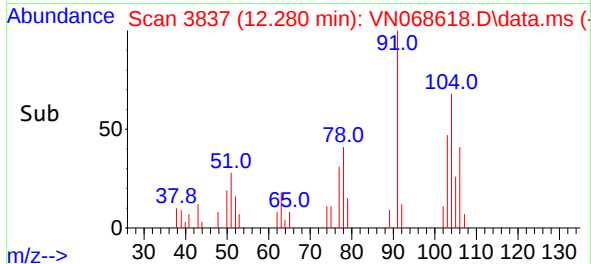
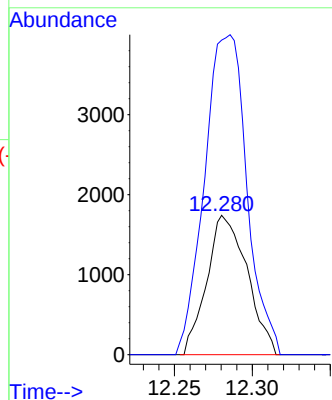
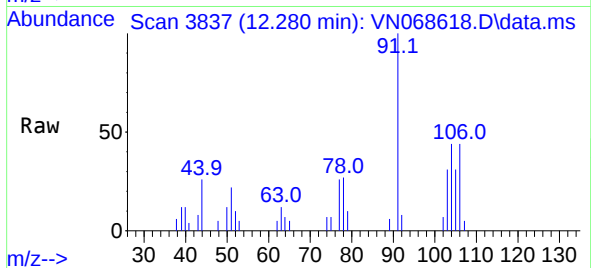




#69
o-Xylene
Concen: 0.229 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

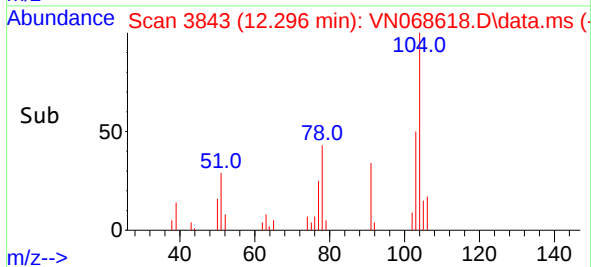
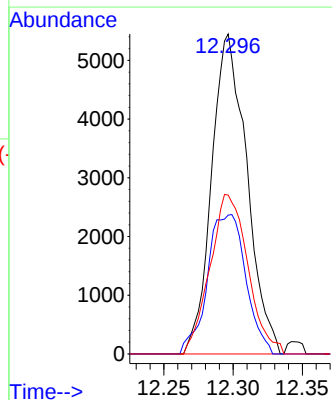
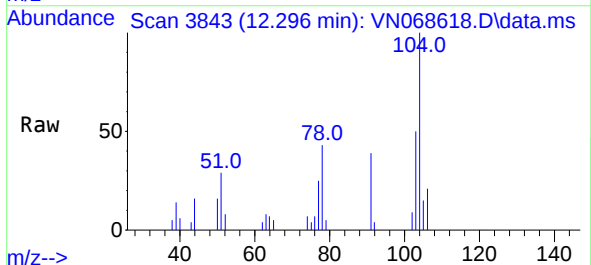
Instrument :
MSVOA_N
ClientSampleId :
IBLK

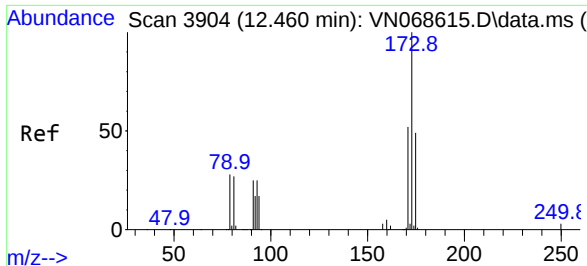
Tgt Ion:106 Resp: 3129
Ion Ratio Lower Upper
106 100
91 241.5 118.3 354.9



#70
Styrene
Concen: 0.439 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:104 Resp: 9643
Ion Ratio Lower Upper
104 100
78 47.5 48.2 72.2#
103 53.7 44.5 66.7

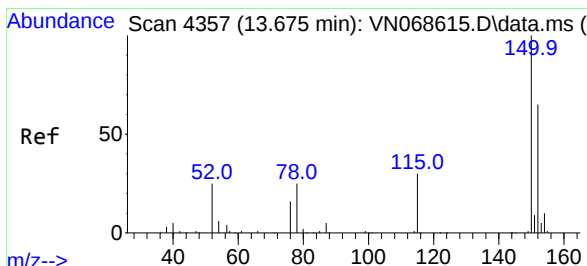
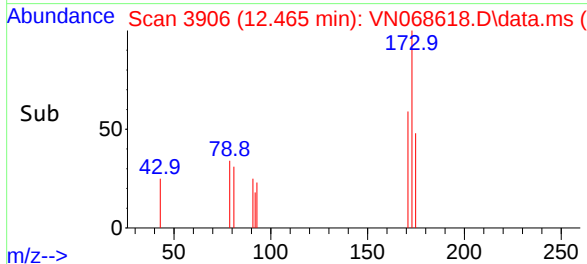
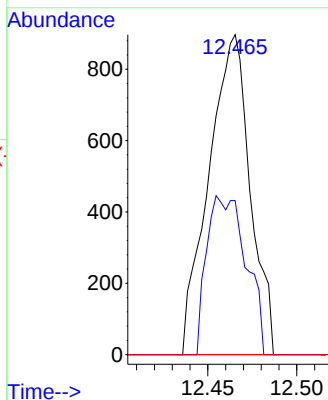
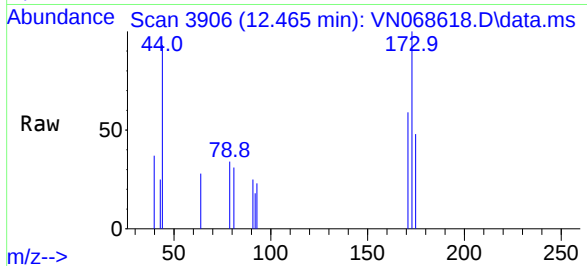




#71
Bromoform
Concen: 0.254 ug/l
RT: 12.465 min Scan# 3906
Delta R.T. 0.005 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

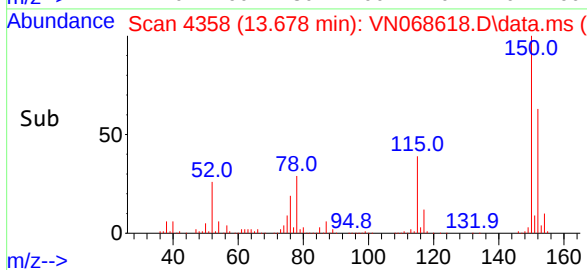
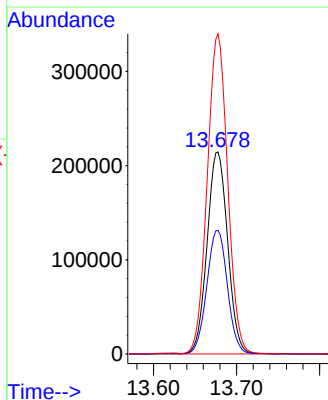
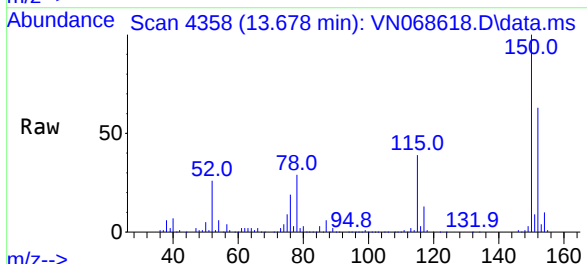
Instrument :
MSVOA_N
ClientSampled :
IBLK

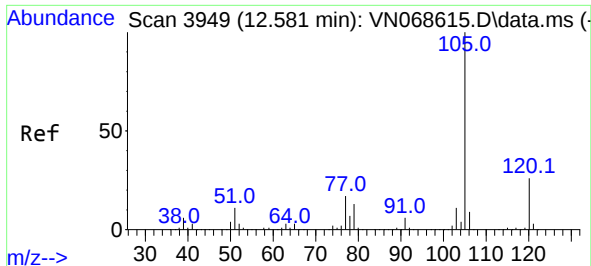
Tgt Ion:173 Resp: 1454
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:152 Resp: 369036
Ion Ratio Lower Upper
152 100
115 61.3 36.1 108.5
150 156.8 0.0 351.8

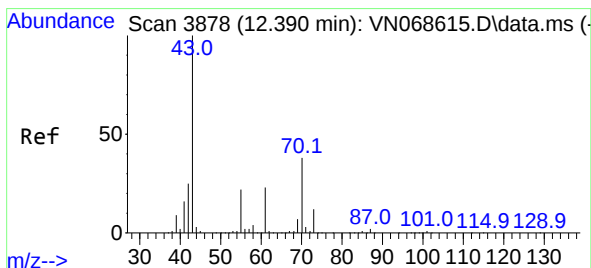
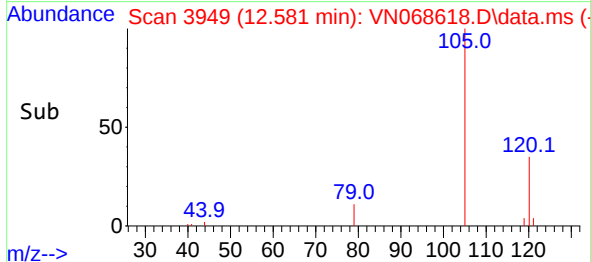
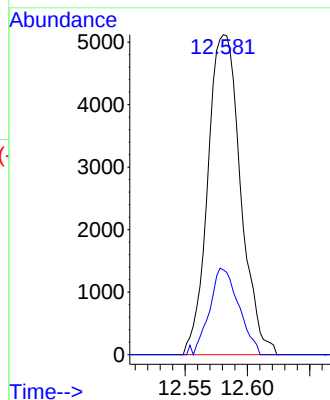
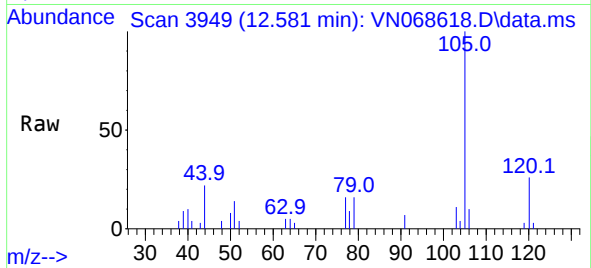




#73
Isopropylbenzene
Concen: 0.283 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

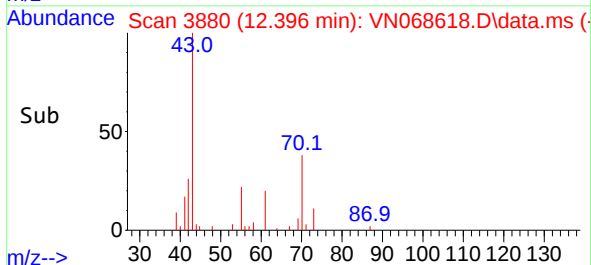
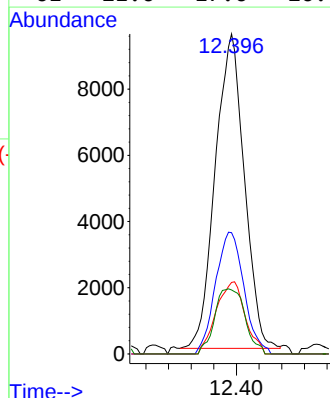
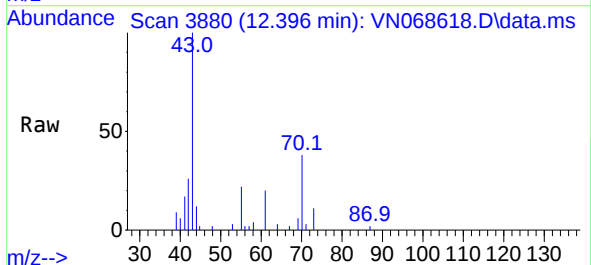
Instrument :
MSVOA_N
ClientSampled :
IBLK

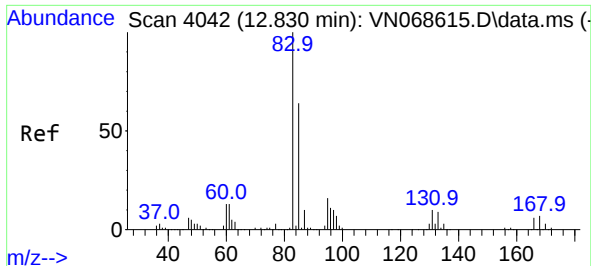
Tgt Ion:105 Resp: 9367
Ion Ratio Lower Upper
105 100
120 24.1 12.5 37.5



#74
N-ethyl acetate
Concen: 1.194 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 43 Resp: 16857
Ion Ratio Lower Upper
43 100
70 38.0 29.4 44.2
55 22.9 17.0 25.4
61 21.6 17.6 26.4

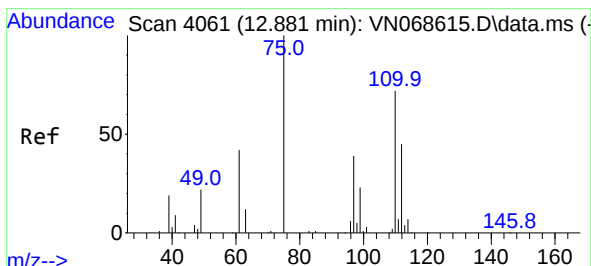
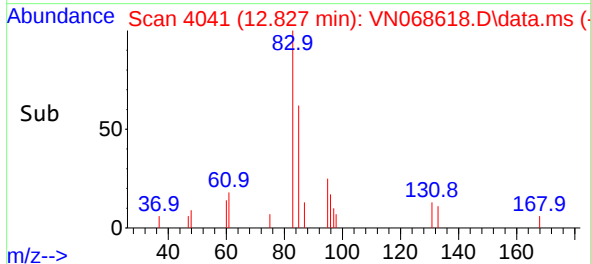
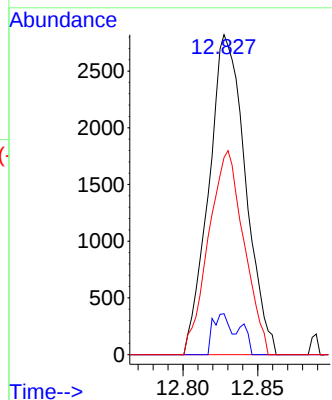
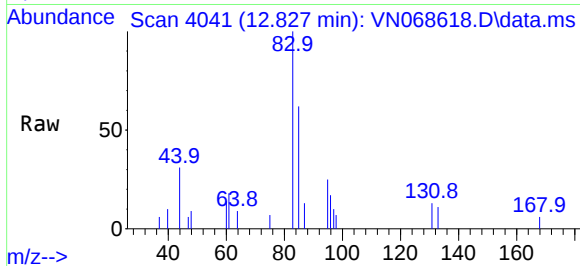




#75
1,1,2,2-Tetrachloroethane
Concen: 0.464 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

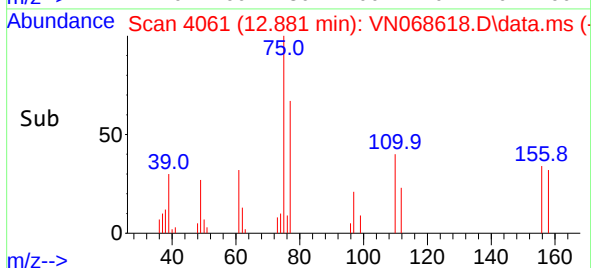
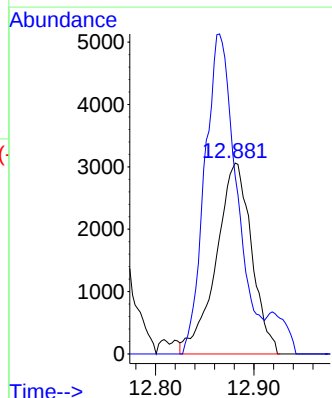
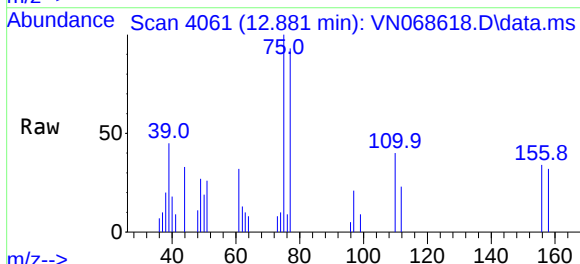
Instrument :
MSVOA_N
ClientSampleId :
IBLK

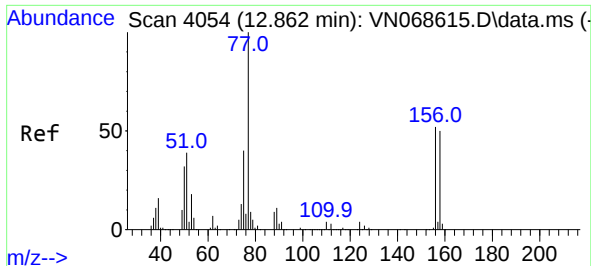
Tgt Ion:	83	Resp:	4809
Ion	Ratio	Lower	Upper
83	100		
131	5.8	4.8	14.4
85	61.6	32.2	96.6



#76
1,2,3-Trichloropropane
Concen: 0.837 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:	75	Resp:	7641
Ion	Ratio	Lower	Upper
75	100		
77	151.5	0.0	0.0#

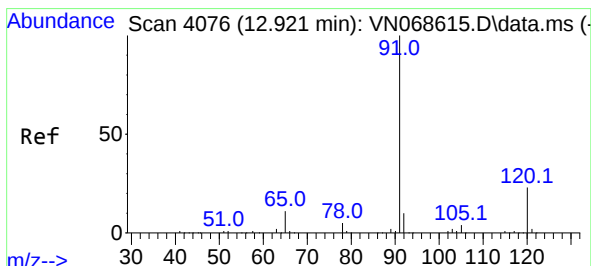
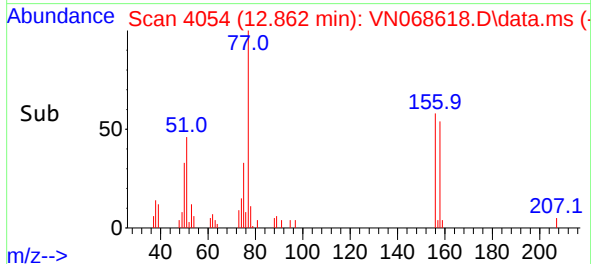
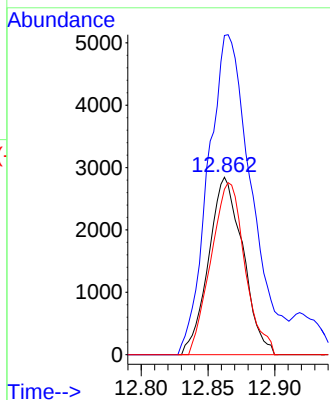
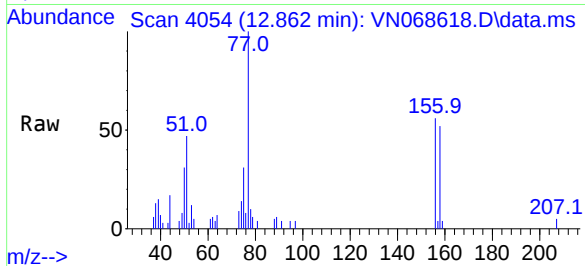




#77
Bromobenzene
Concen: 0.672 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

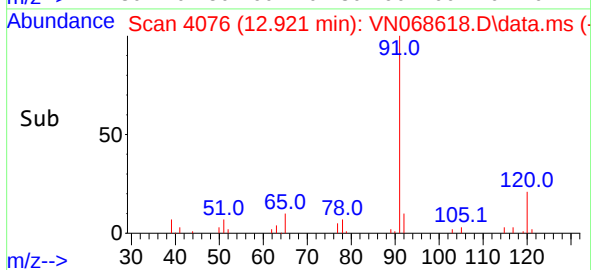
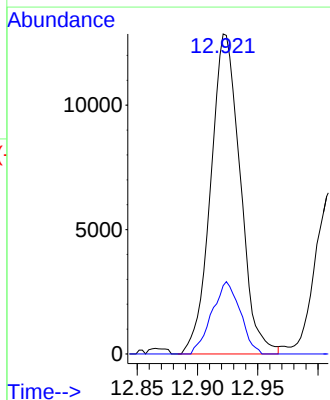
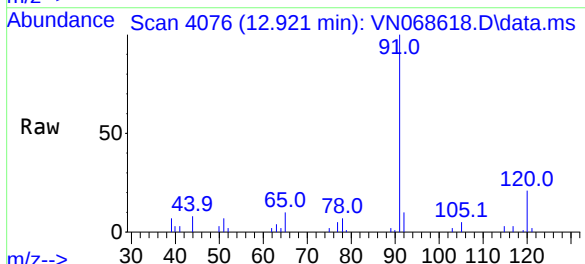
Instrument :
MSVOA_N
ClientSampled :
IBLK

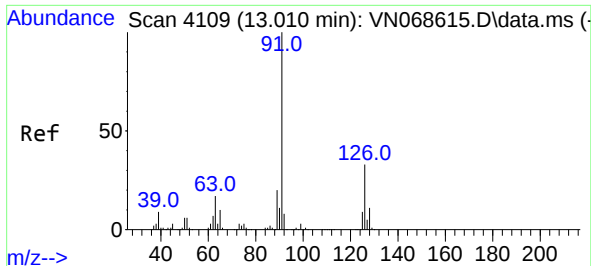
Tgt Ion:	156	Resp:	5098
Ion Ratio	Lower	Upper	
156	100		
77	227.1	136.2	408.6
158	95.4	48.4	145.3



#78
n-propylbenzene
Concen: 0.583 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:	91	Resp:	21889
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.4	31.4

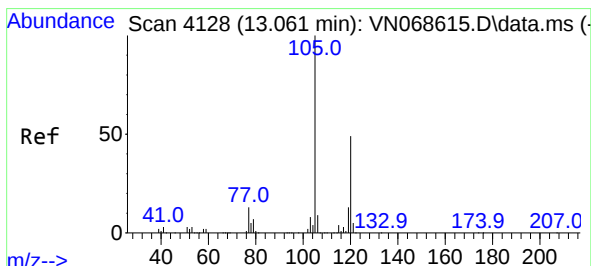
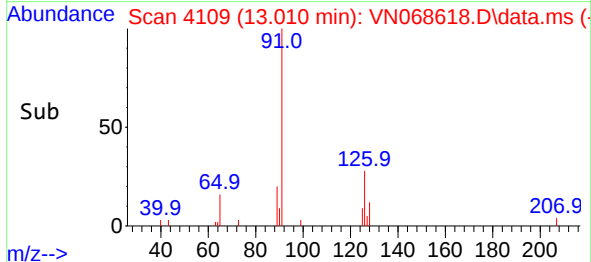
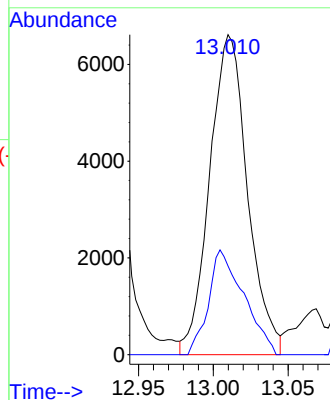
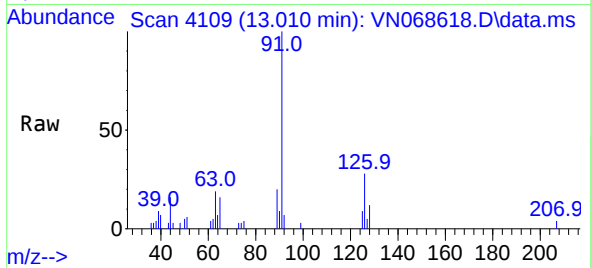




#79
2-Chlorotoluene
Concen: 0.514 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

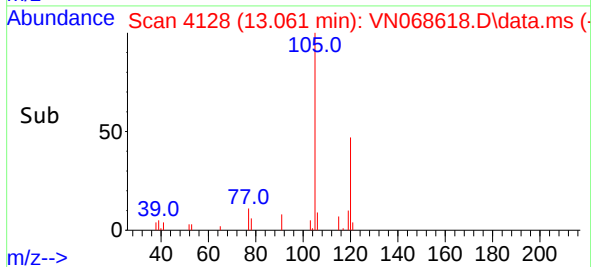
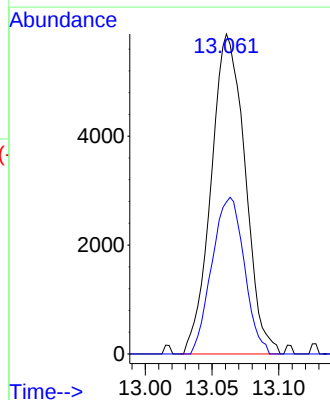
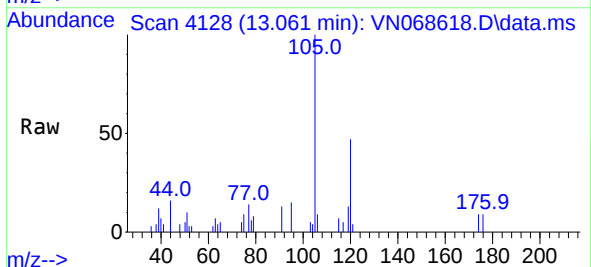
Instrument :
MSVOA_N
ClientSampled :
IBLK

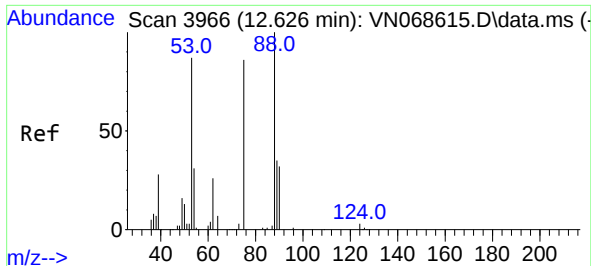
Tgt Ion: 91 Resp: 11659
Ion Ratio Lower Upper
91 100
126 30.6 14.5 43.5



#80
1,3,5-Trimethylbenzene
Concen: 0.400 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 105 Resp: 10383
Ion Ratio Lower Upper
105 100
120 46.6 22.2 66.6

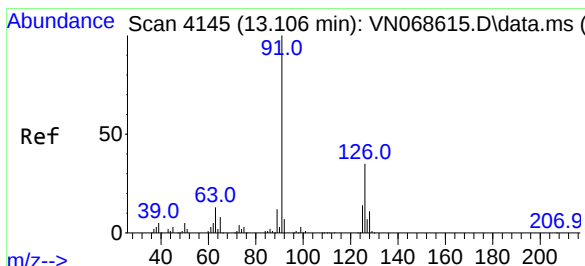
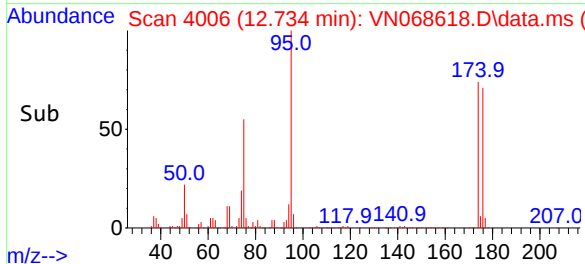
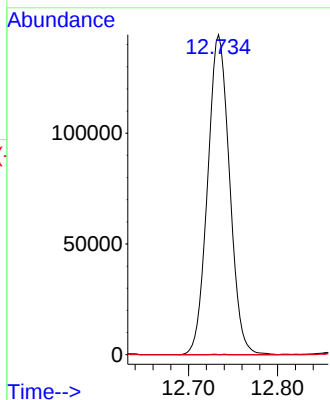
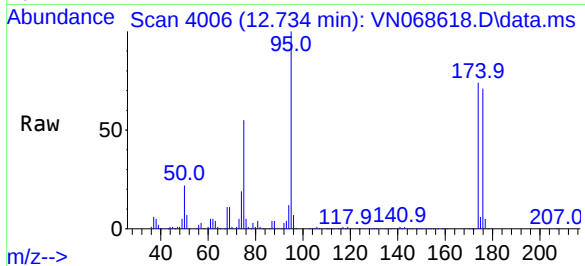




#81
trans-1,4-Dichloro-2-butene
Concen: 76.488 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

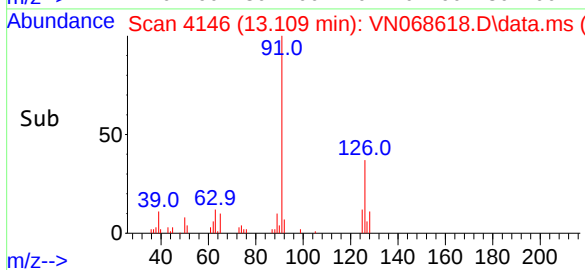
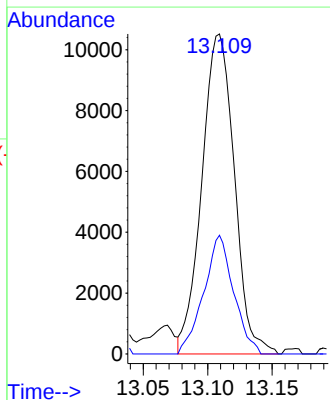
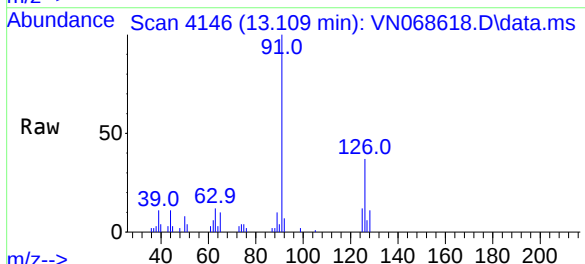
Instrument :
MSVOA_N
ClientSampled :
IBLK

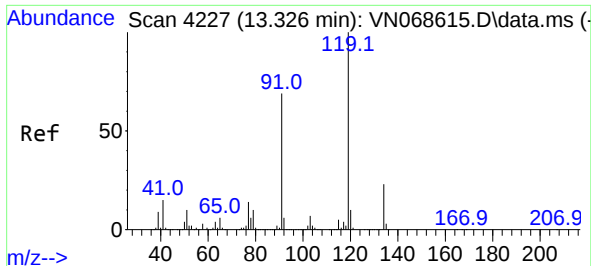
Tgt Ion: 75 Resp: 247077
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.836 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion: 91 Resp: 18452
Ion Ratio Lower Upper
91 100
126 34.1 14.8 44.4

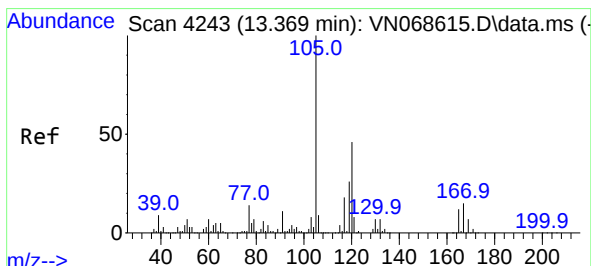
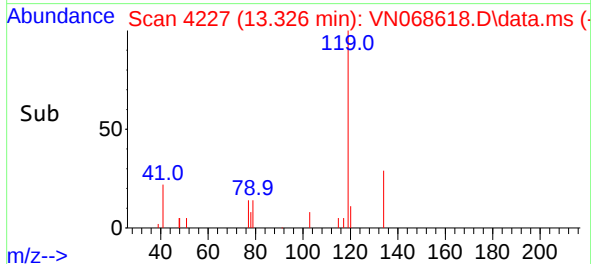
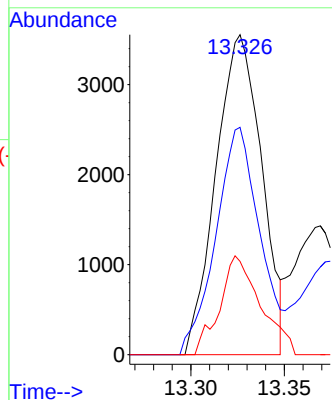
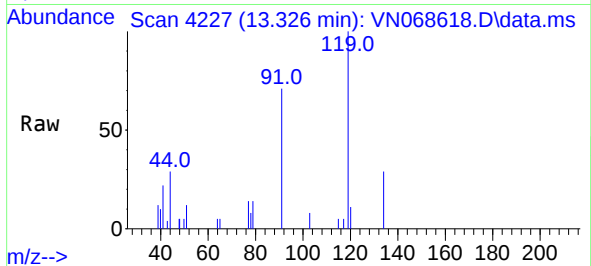




#83
tert-Butylbenzene
Concen: 0.256 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

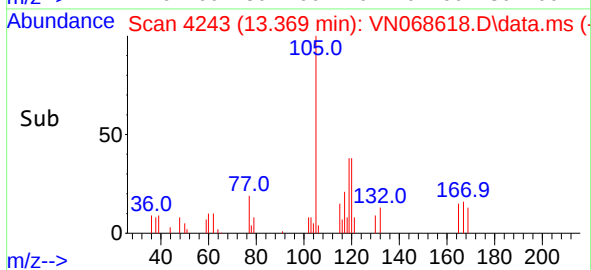
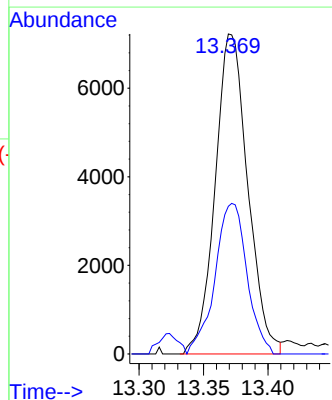
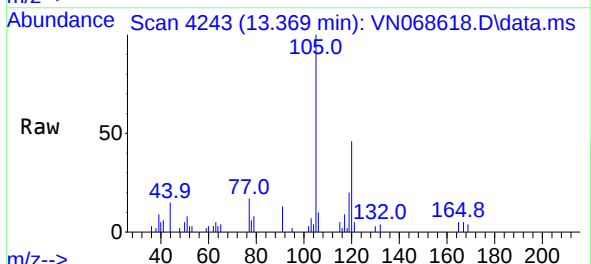
Instrument :
MSVOA_N
ClientSampled :
IBLK

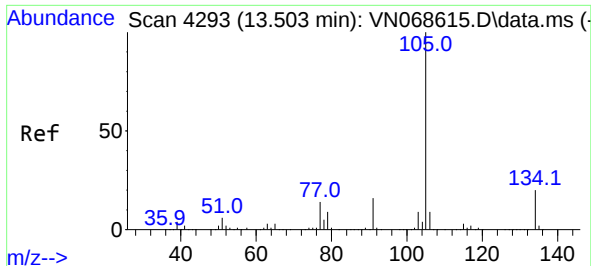
Tgt Ion:119 Resp: 6045
Ion Ratio Lower Upper
119 100
91 68.8 39.5 118.5
134 27.6 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 0.501 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:105 Resp: 12699
Ion Ratio Lower Upper
105 100
120 46.2 20.6 61.8

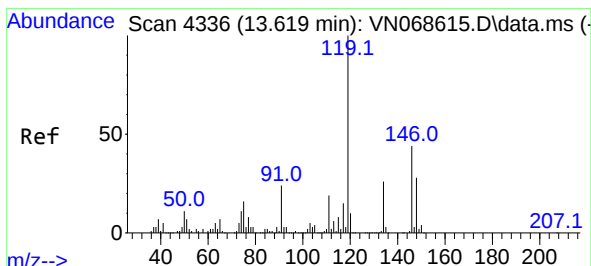
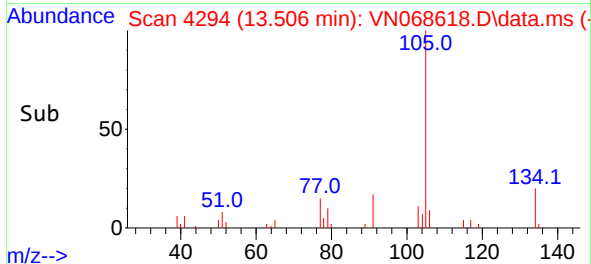
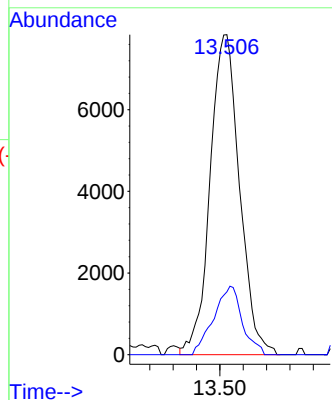
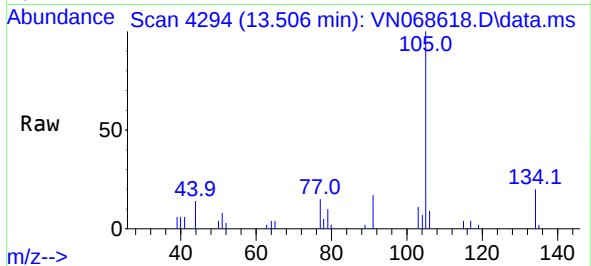




#85
 sec-Butylbenzene
 Concen: 0.427 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.003 min
 Lab File: VN068618.D
 Acq: 23 Sep 2021 13:01

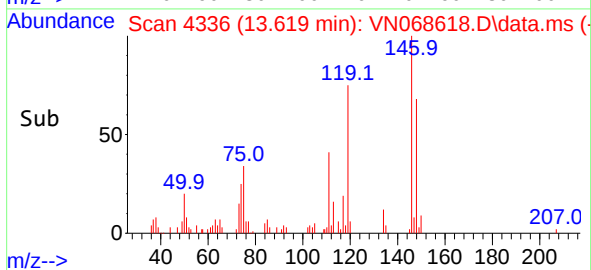
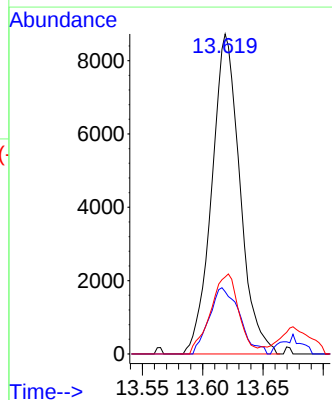
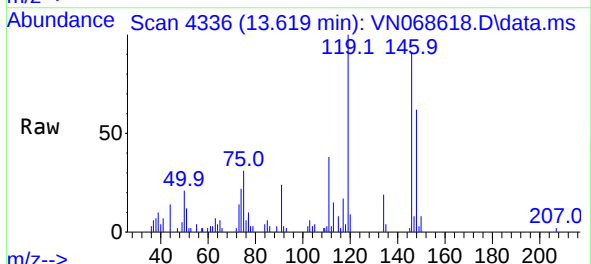
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

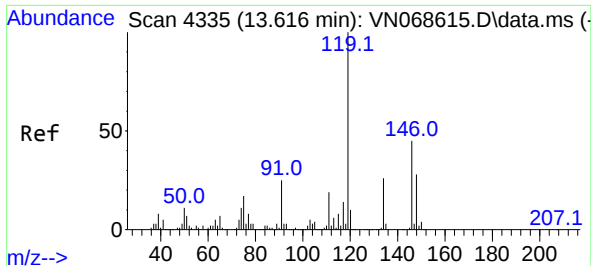
Tgt Ion:105 Resp: 13719
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 0.550 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. -0.000 min
 Lab File: VN068618.D
 Acq: 23 Sep 2021 13:01

Tgt Ion:119 Resp: 14151
 Ion Ratio Lower Upper
 119 100
 134 22.4 12.4 37.4
 91 24.9 14.8 44.3

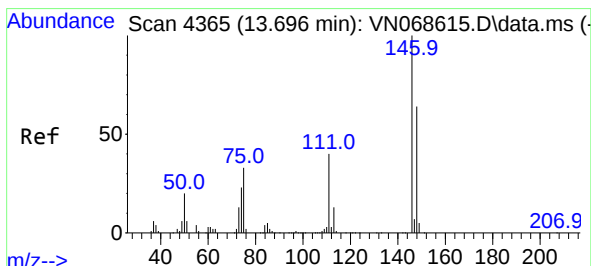
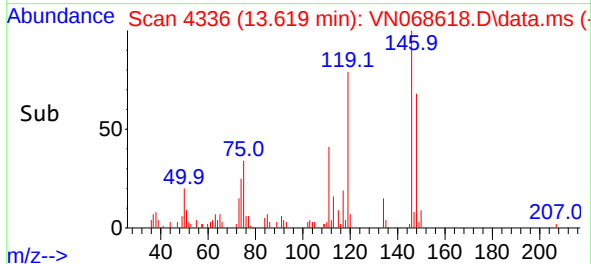
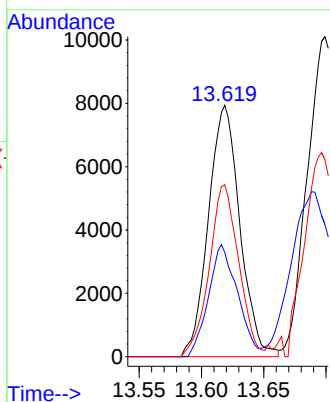
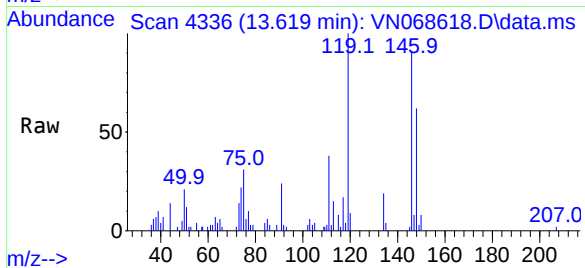




#87
1,3-Dichlorobenzene
Concen: 1.085 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

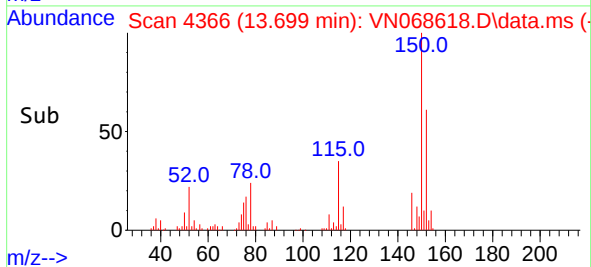
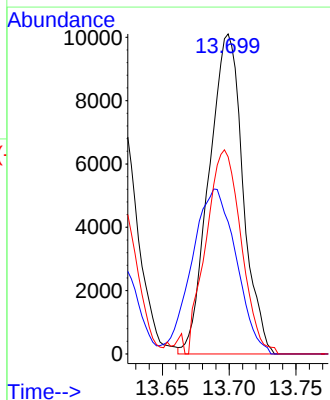
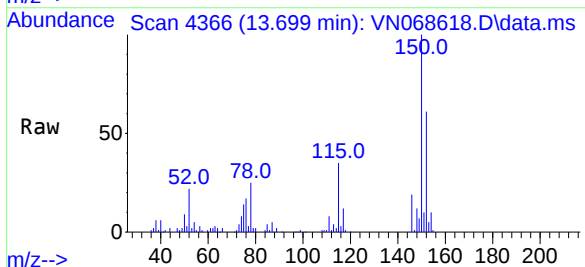
Instrument :
MSVOA_N
ClientSampled :
IBLK

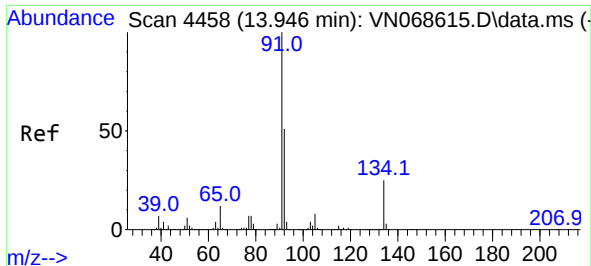
Tgt Ion:	146	Resp:	13964
Ion Ratio	Lower	Upper	
146	100		
111	41.3	24.3	72.8
148	64.1	32.0	96.0



#88
1,4-Dichlorobenzene
Concen: 1.367 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:	146	Resp:	17874
Ion Ratio	Lower	Upper	
146	100		
111	67.1	23.4	70.2
148	65.9	31.8	95.3

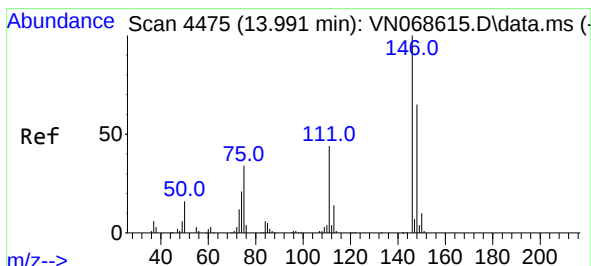
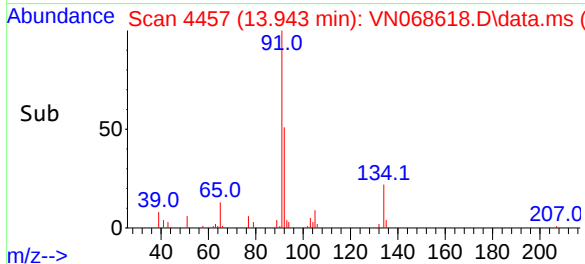
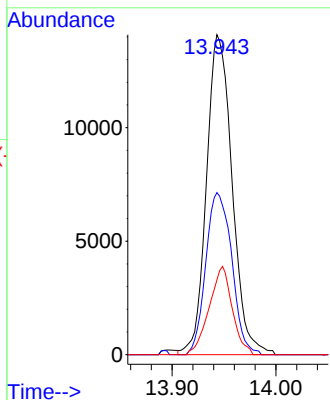
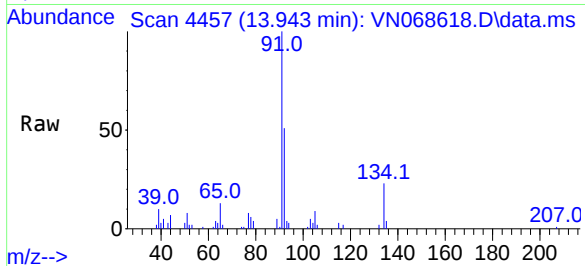




#89
n-Butylbenzene
Concen: 1.086 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

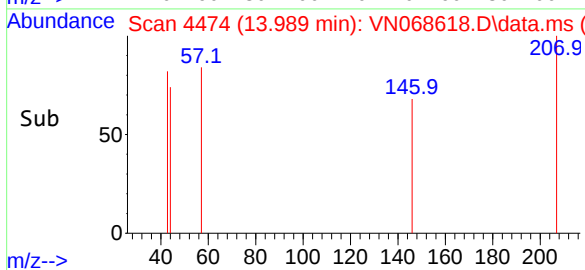
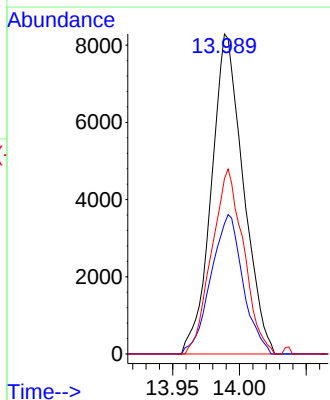
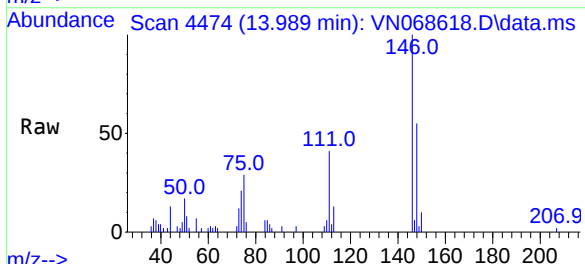
Instrument :
MSVOA_N
ClientSampleId :
IBLK

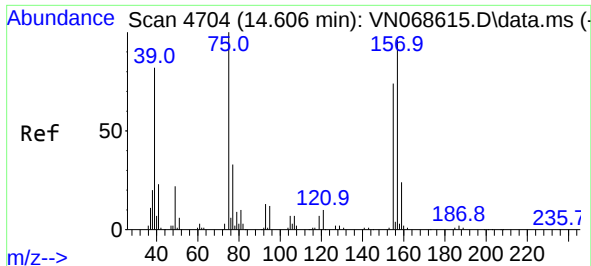
Tgt Ion:	91	Resp:	24227
Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.7	77.1
134	24.8	11.2	33.6



#91
1,2-Dichlorobenzene
Concen: 1.101 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:	146	Resp:	13747
Ion	Ratio	Lower	Upper
146	100		
111	43.6	24.9	74.6
148	57.8	31.6	95.0

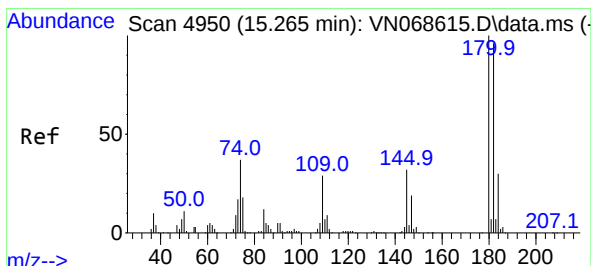
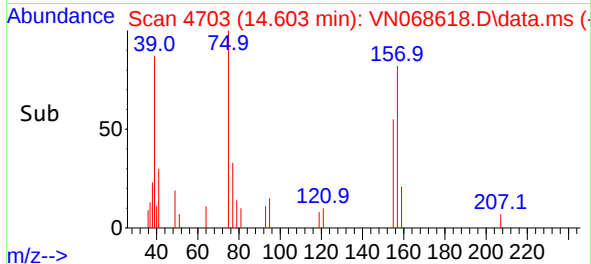
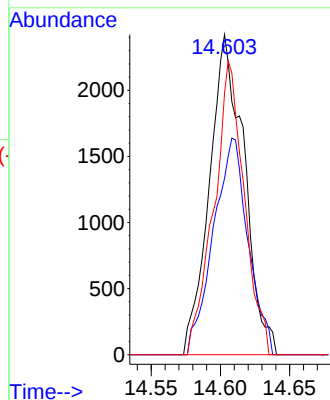
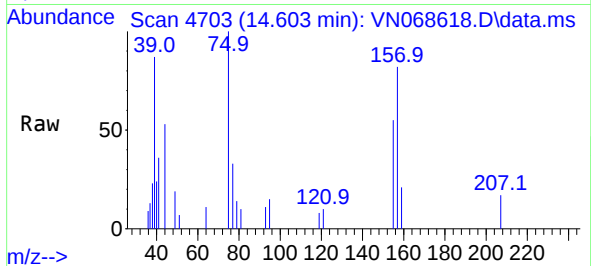




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.193 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

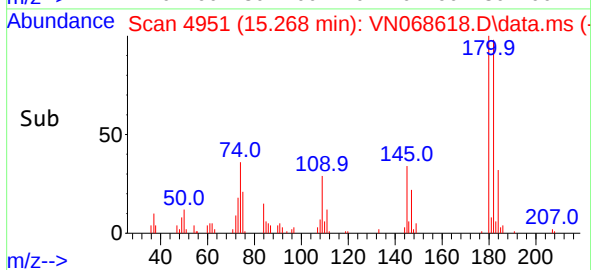
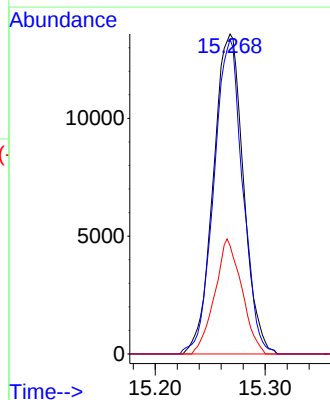
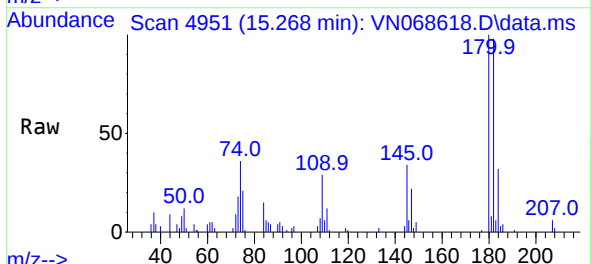
Instrument :
MSVOA_N
ClientSampled :
IBLK

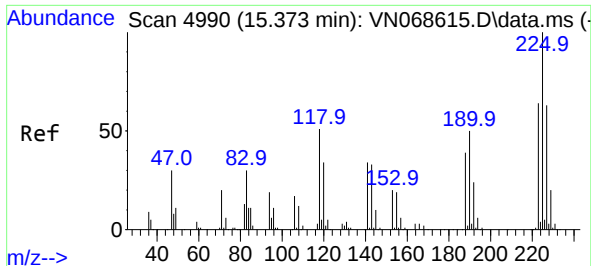
Tgt Ion: 75 Resp: 4214
Ion Ratio Lower Upper
75 100
155 67.8 29.8 89.5
157 80.4 37.6 112.8



#93
1,2,4-Trichlorobenzene
Concen: 4.160 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

Tgt Ion:180 Resp: 25763
Ion Ratio Lower Upper
180 100
182 94.3 47.5 142.5
145 32.2 17.2 51.6

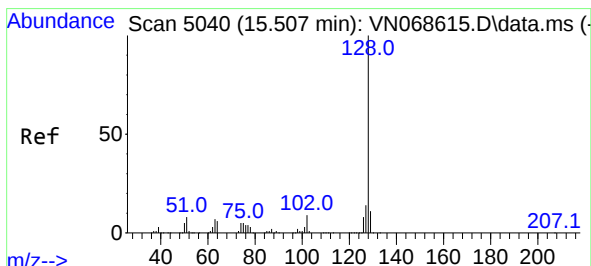
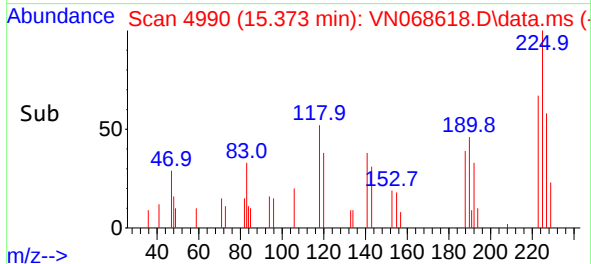
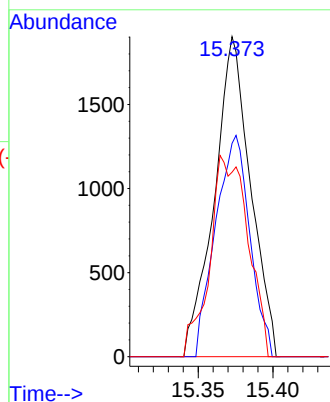
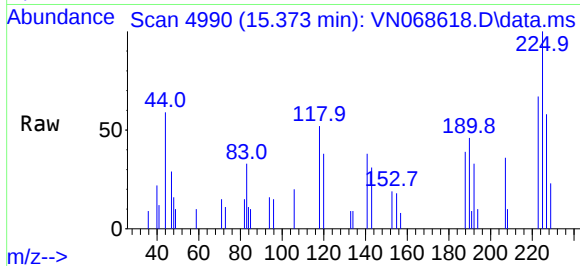




#94
Hexachlorobutadiene
Concen: 0.962 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

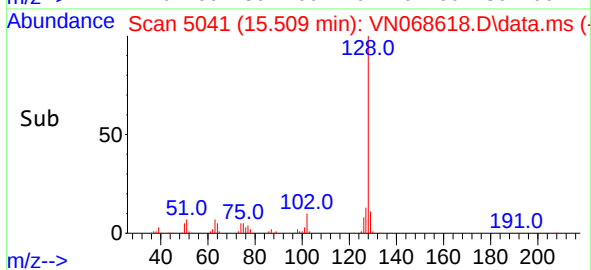
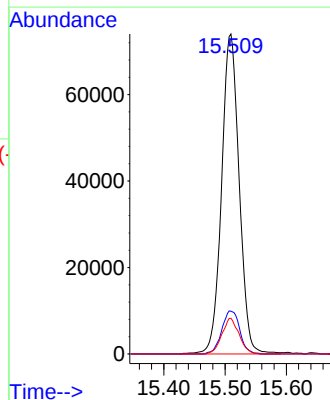
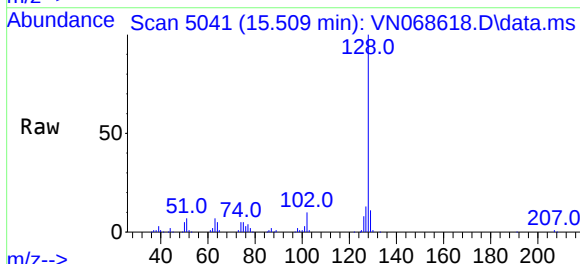
Instrument :
MSVOA_N
ClientSampled :
IBLK

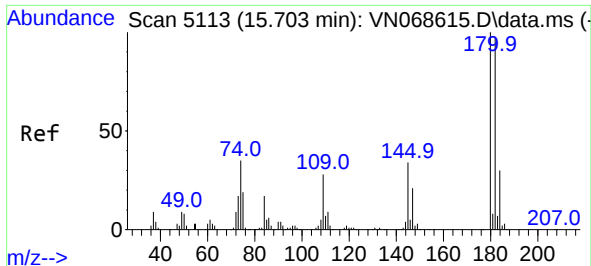
Tgt Ion:	225	Resp:	3203
Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.4	94.0
227	66.2	31.2	93.6



#95
Naphthalene
Concen: 9.635 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068618.D
Acq: 23 Sep 2021 13:01

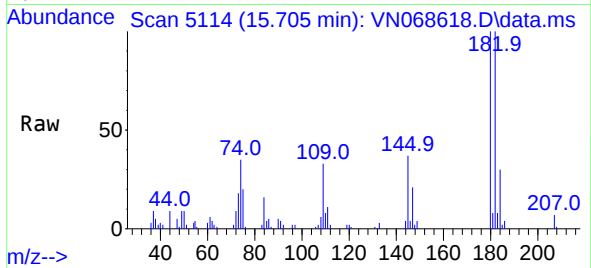
Tgt Ion:	128	Resp:	147558
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	10.8	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 5.571 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.002 min
 Lab File: VN068618.D
 Acq: 23 Sep 2021 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 33711
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.8 143.3
 145 34.6 18.2 54.6

