

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067962.D
 Acq On : 29 Jul 2021 12:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 29 17:05:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	380410	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	687224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	643439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	231807	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	266269	49.443	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.880%
35) Dibromofluoromethane	8.027	113	208847	52.146	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.300%
50) Toluene-d8	10.443	98	857173	46.655	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.733	95	283585	42.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	2012	0.516	ug/l	96
3) Chloromethane	2.306	50	1961	0.405	ug/l	91
4) Vinyl Chloride	2.448	62	2009	0.266	ug/l	# 84
5) Bromomethane	2.883	94	4998	0.742	ug/l	83
10) Methyl Iodide	4.411	142	846	3.276	ug/l	# 51
12) 1,1-Dichloroethene	4.181	96	1168	0.324	ug/l	# 60
13) Acrolein	4.041	56	1785	3.645	ug/l	95
16) Acetone	4.301	43	3194	1.625	ug/l	# 76
17) Carbon Disulfide	4.521	76	15535	1.485	ug/l	96
18) Methyl Acetate	4.873	43	4484	0.849	ug/l	# 85
20) Methylene Chloride	5.095	84	577	Below Cal	#	57
21) trans-1,2-Dichloroethene	5.594	96	3029	0.722	ug/l	# 69
23) Vinyl Acetate	6.442	43	4604	9.146	ug/l	# 92
25) 2-Butanone	7.359	43	5376	1.886	ug/l	96
29) Tetrahydrofuran	7.707	42	2279	1.248	ug/l	# 79
31) Cyclohexane	8.088	56	11280	1.420	ug/l	# 23
36) 1,1-Dichloropropene	8.222	75	2863	0.450	ug/l	85
37) Ethyl Acetate	7.359	43	5376	0.899	ug/l	# 54
38) Carbon Tetrachloride	8.088	117	40702	6.511	ug/l	# 16
39) Methylcyclohexane	9.459	83	2347	0.342	ug/l	88
41) Methacrylonitrile	7.643	41	982	0.345	ug/l	# 50
42) 1,2-Dichloroethane	8.534	62	1566	0.225	ug/l	# 79
44) Trichloroethene	9.217	130	2620	0.550	ug/l	65
46) Dibromomethane	9.585	93	1098	0.324	ug/l	# 71
48) Methyl methacrylate	9.558	41	579	2.416	ug/l	# 1
49) 1,4-Dioxane	9.579	88	822	10.366	ug/l	# 80
51) 4-Methyl-2-Pentanone	10.336	43	11988	14.134	ug/l	94
52) Toluene	10.507	92	3706	0.303	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	2124	3.077	ug/l	# 78
54) cis-1,3-Dichloropropene	10.191	75	1428	2.515	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	1290	0.272	ug/l	93
56) Ethyl methacrylate	10.768	69	3004	3.429	ug/l	# 79
57) 1,3-Dichloropropane	11.041	76	1707	0.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.054	63	465	23.687	ug/l	# 61
59) 2-Hexanone	11.089	43	23993	17.676	ug/l	97
60) Dibromochloromethane	11.240	129	904	3.445	ug/l	# 43

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 ALS Vial : 8 Sample Multiplier: 1

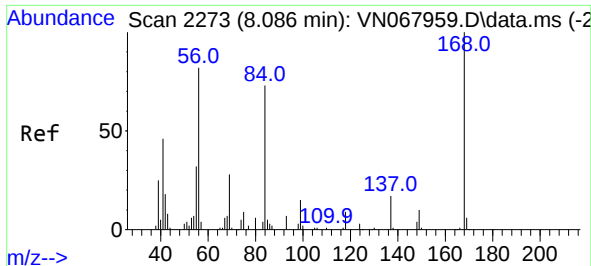
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 29 17:05:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

61) 1,2-Dibromoethane	11.355	107	1190	0.244	ug/l	93
64) Tetrachloroethene	10.977	164	1456	0.316	ug/l #	78
65) Chlorobenzene	11.773	112	7330	0.560	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.840	131	273	1.899	ug/l #	1
67) Ethyl Benzene	11.848	91	10642	0.457	ug/l	95
68) m/p-Xylenes	11.956	106	8683	4.880	ug/l	89
69) o-Xylene	12.283	106	3122	0.364	ug/l	92
70) Styrene	12.299	104	8621	3.115	ug/l	92
71) Bromoform	12.463	173	1124	4.282	ug/l #	97
73) Isopropylbenzene	12.583	105	9667	0.511	ug/l	98
74) N-amyl acetate	12.396	43	14581	2.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.833	83	4418	0.773	ug/l #	93
76) 1,2,3-Trichloropropane	12.881	75	6378	1.370	ug/l #	100
77) Bromobenzene	12.862	156	4408	1.015	ug/l	79
78) n-propylbenzene	12.924	91	21890	1.026	ug/l	97
79) 2-Chlorotoluene	13.010	91	10638	0.818	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	11042	0.720	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.733	75	156340	90.066	ug/l #	6
82) 4-Chlorotoluene	13.109	91	17187	1.316	ug/l	94
83) tert-Butylbenzene	13.329	119	7551	0.592	ug/l	86
84) 1,2,4-Trimethylbenzene	13.372	105	14848	1.000	ug/l	98
85) sec-Butylbenzene	13.506	105	16100	0.903	ug/l	98
86) p-Isopropyltoluene	13.619	119	16025	1.130	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	13433	1.684	ug/l	90
88) 1,4-Dichlorobenzene	13.699	146	15839	2.011	ug/l	84
89) n-Butylbenzene	13.946	91	30345	2.495	ug/l	98
90) Hexachloroethane	14.211	117	755	0.311	ug/l	91
91) 1,2-Dichlorobenzene	13.991	146	13450	1.791	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	2917	3.197	ug/l	76
93) 1,2,4-Trichlorobenzene	15.268	180	24313	9.334	ug/l	97
94) Hexachlorobutadiene	15.375	225	6570	4.210	ug/l	97
95) Naphthalene	15.509	128	134328	16.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	30509	11.493	ug/l	99

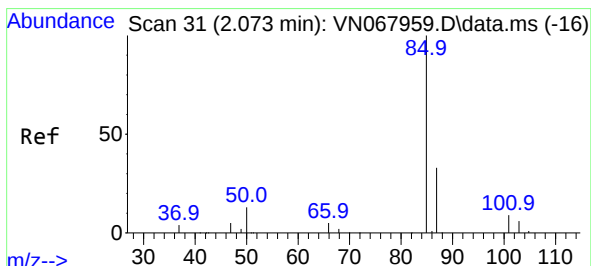
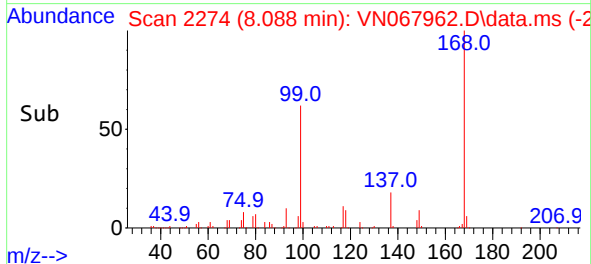
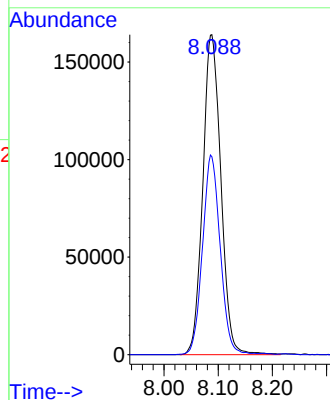
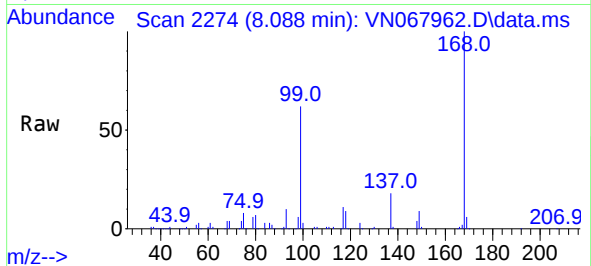
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

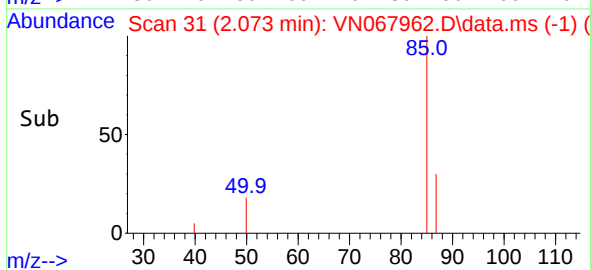
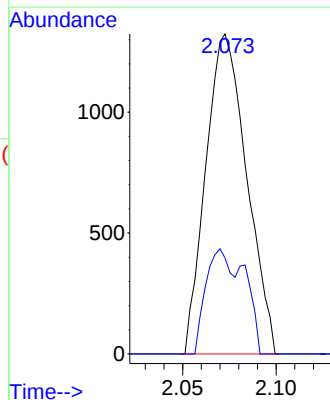
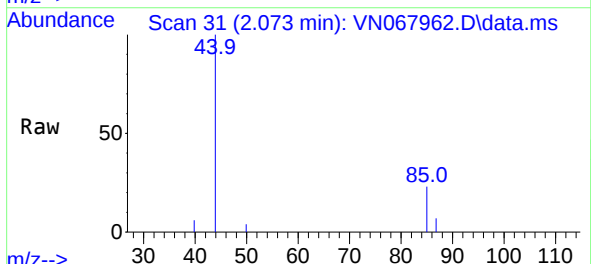
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MSVOA_N
ClientSampled :
IBLK

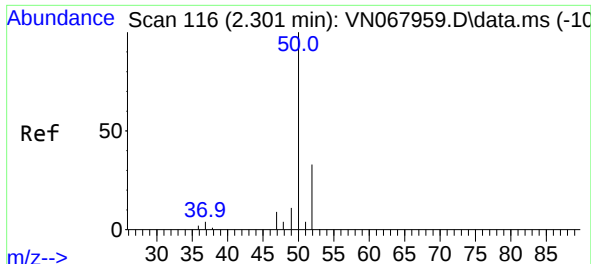
Tgt Ion:168 Resp: 380410
Ion Ratio Lower Upper
168 100
99 61.7 62.9 94.3#



#2
Dichlorodifluoromethane
Concen: 0.516 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 85 Resp: 2012
Ion Ratio Lower Upper
85 100
87 30.0 16.1 48.2

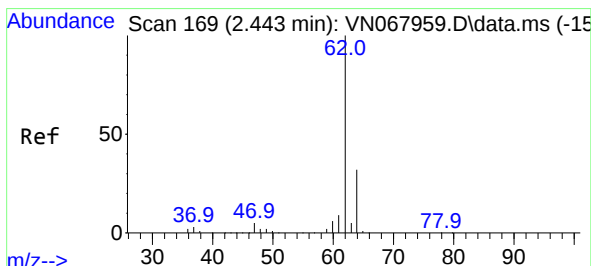
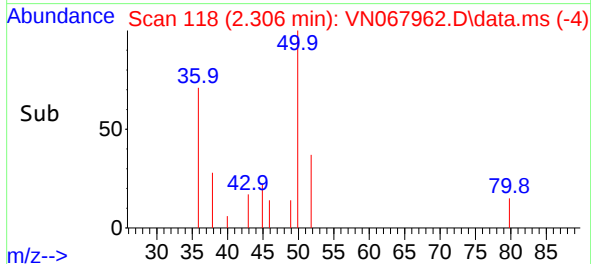
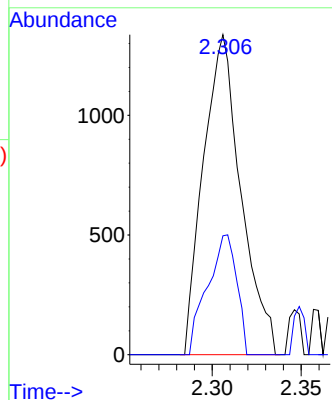
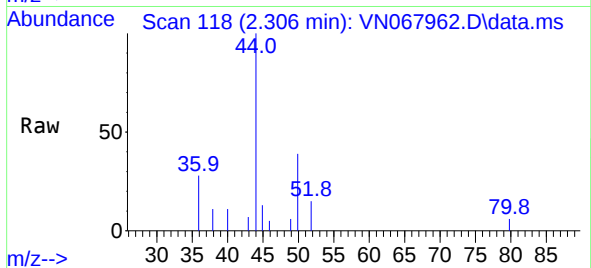




#3
Chloromethane
Concen: 0.405 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

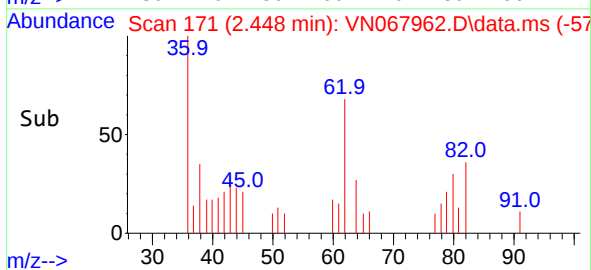
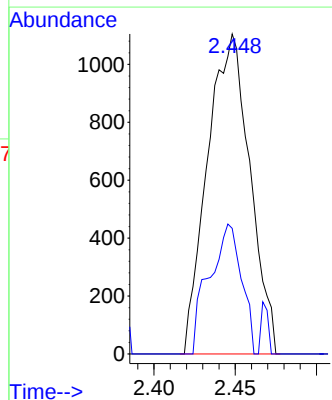
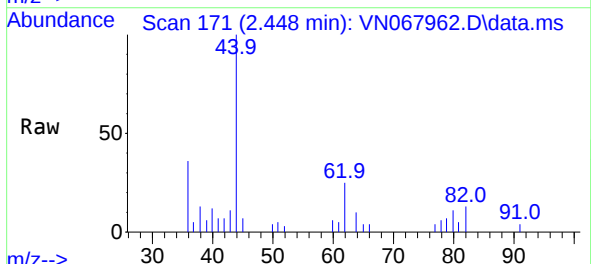
Instrument :
MSVOA_N
ClientSampled :
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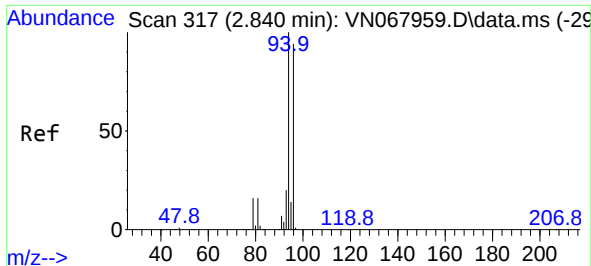
Tgt Ion: 50 Resp: 1961
Ion Ratio Lower Upper
50 100
52 37.2 25.6 38.4



#4
Vinyl Chloride
Concen: 0.266 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.005 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 62 Resp: 2009
Ion Ratio Lower Upper
62 100
64 39.3 24.4 36.6#

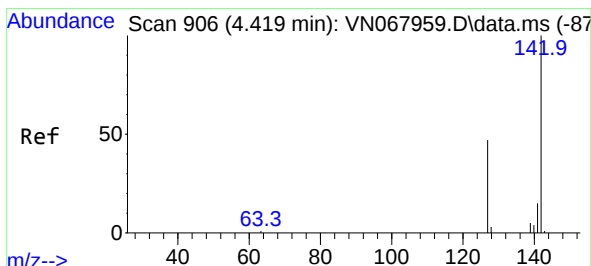
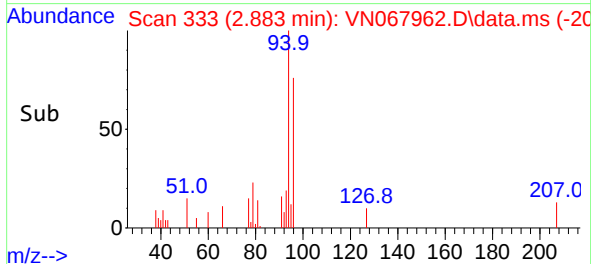
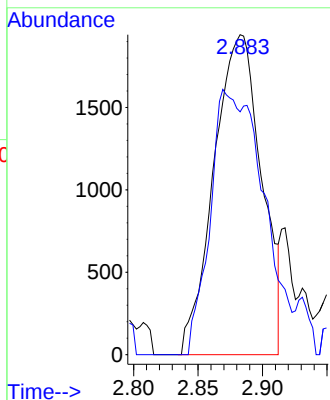
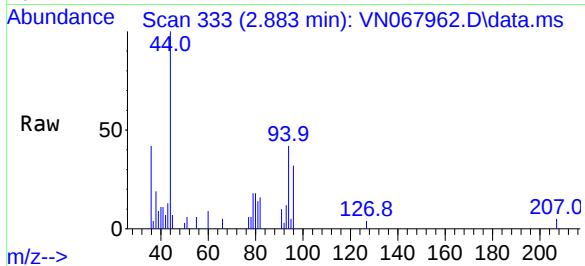




#5
Bromomethane
Concen: 0.742 ug/l
RT: 2.883 min Scan# 333
Delta R.T. 0.043 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

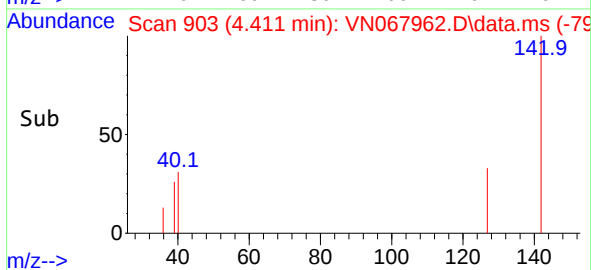
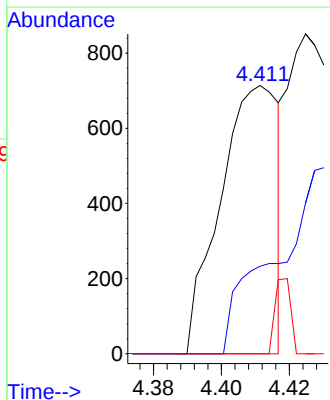
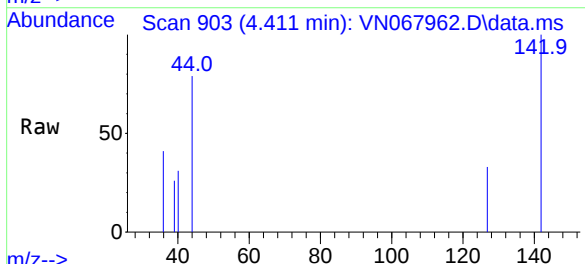
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ClientSampleId :
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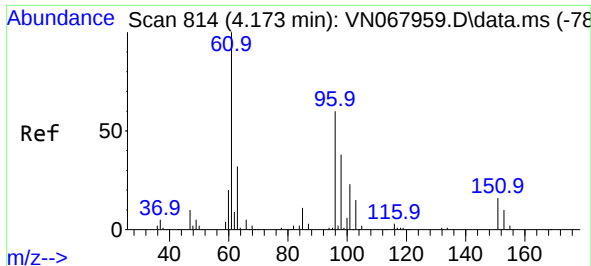
Tgt Ion: 94 Resp: 4998
Ion Ratio Lower Upper
94 100
96 75.9 73.7 110.5



#10
Methyl Iodide
Concen: 3.276 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.008 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 142 Resp: 846
Ion Ratio Lower Upper
142 100
127 95.5 43.1 64.7#
141 7.6 11.4 17.0#

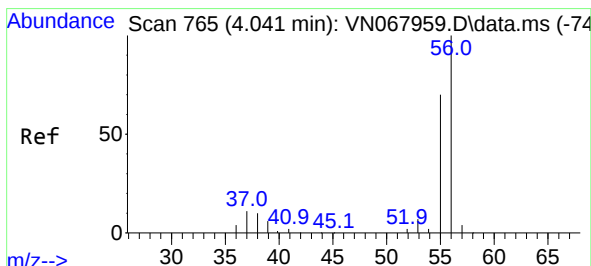
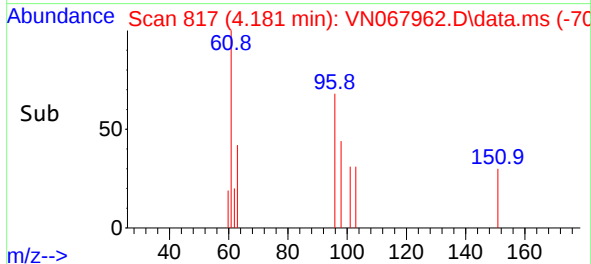
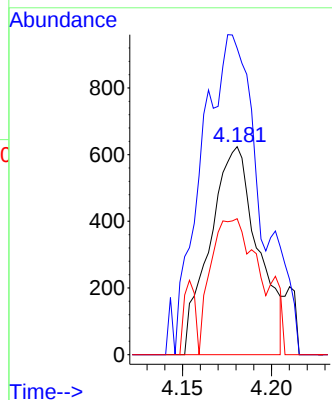
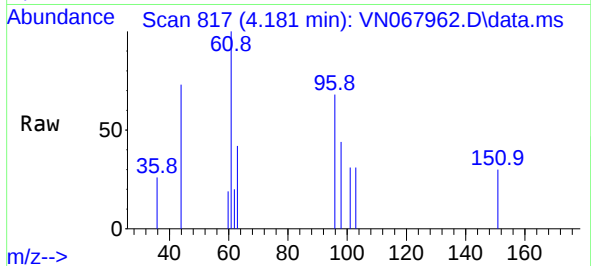




#12
1,1-Dichloroethene
Concen: 0.324 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.008 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

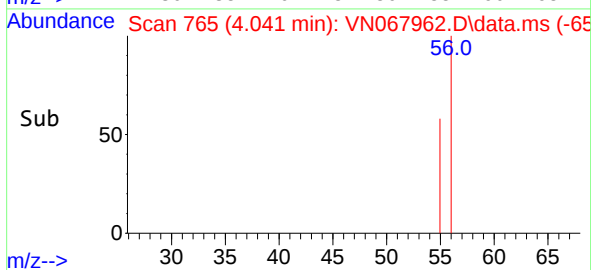
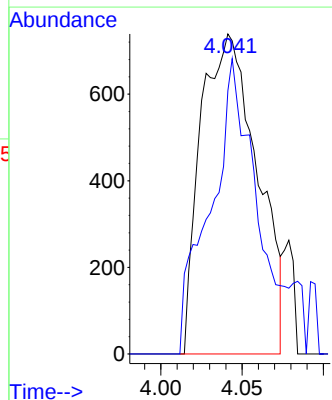
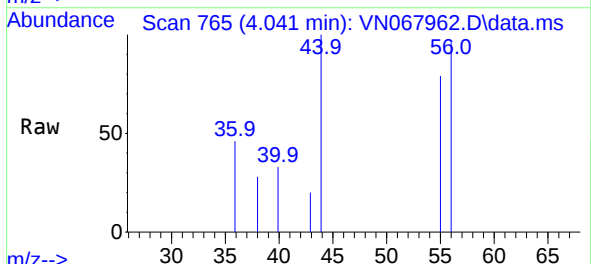
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ClientSampled :
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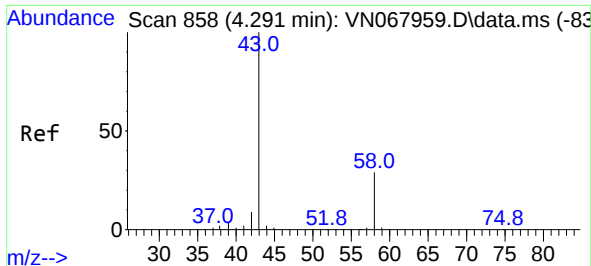
Tgt Ion: 96 Resp: 1168
Ion Ratio Lower Upper
96 100
61 112.5 152.6 229.0#
98 65.4 50.9 76.3



#13
Acrolein
Concen: 3.645 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 56 Resp: 1785
Ion Ratio Lower Upper
56 100
55 75.9 57.4 86.0

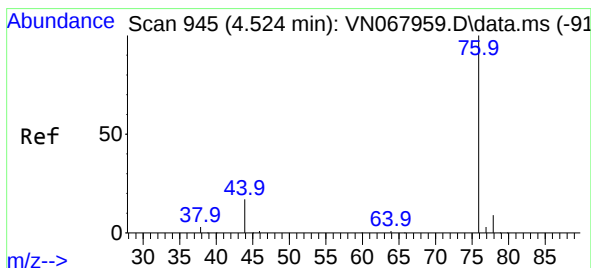
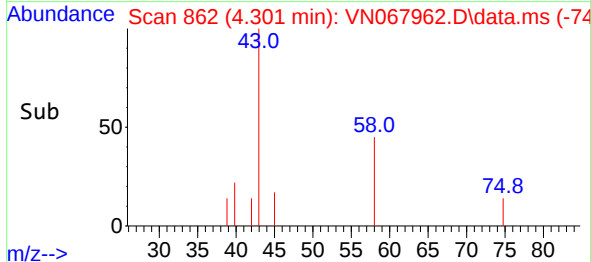
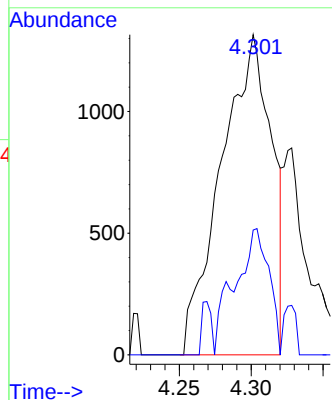
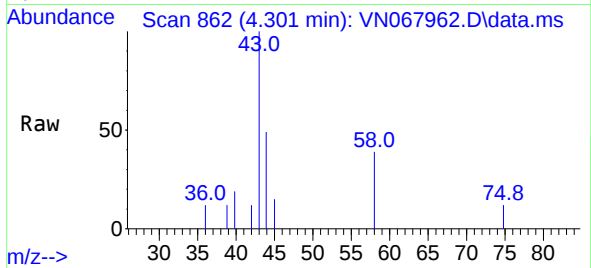




#16
Acetone
Concen: 1.625 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.010 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

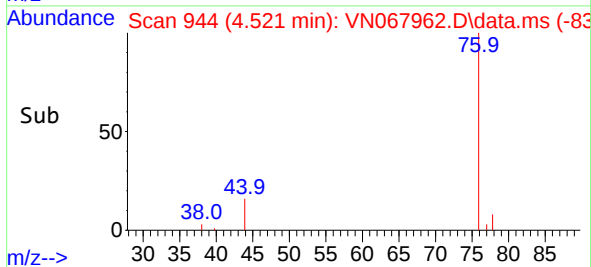
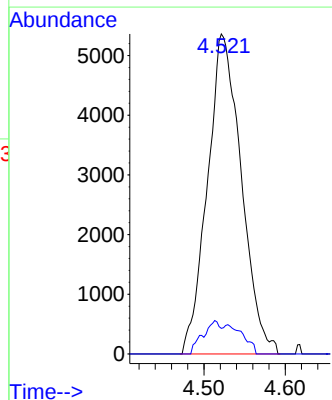
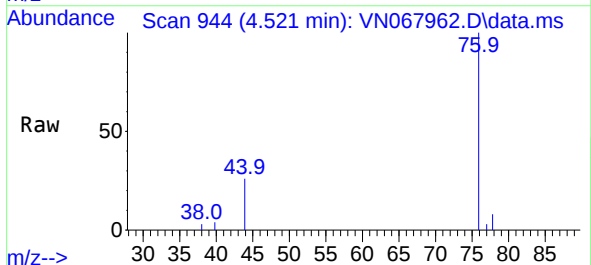
Instrument :
MSVOA_N
ClientSampled :
IBLK

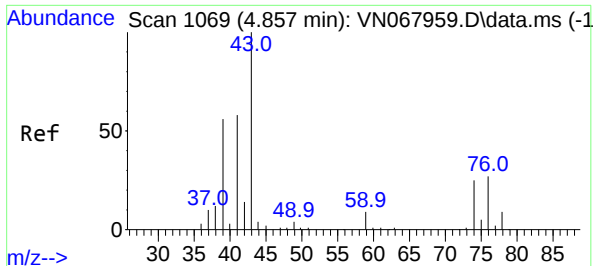
Tgt Ion: 43 Resp: 3194
Ion Ratio Lower Upper
43 100
58 39.0 21.2 31.8#



#17
Carbon Disulfide
Concen: 1.485 ug/l
RT: 4.521 min Scan# 944
Delta R.T. -0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 76 Resp: 15535
Ion Ratio Lower Upper
76 100
78 8.0 7.7 11.5

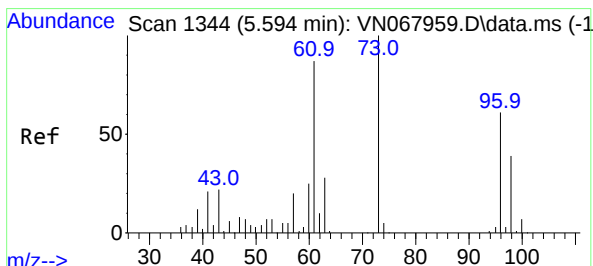
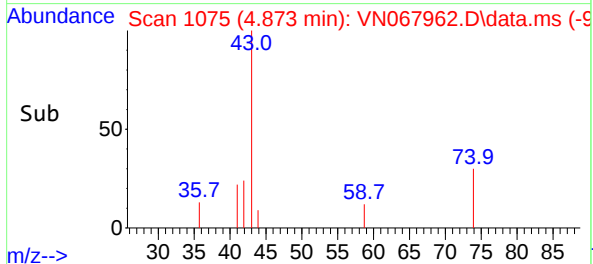
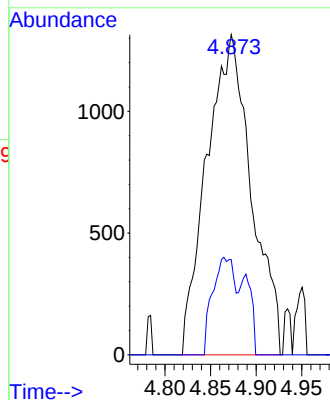
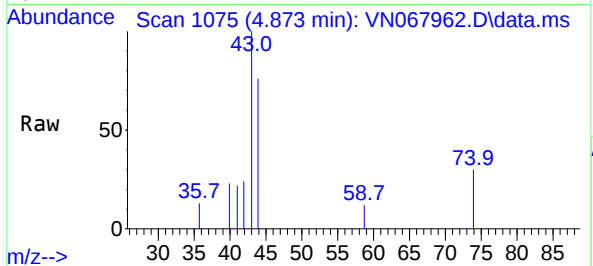




#18
Methyl Acetate
Concen: 0.849 ug/l
RT: 4.873 min Scan# 1075
Delta R.T. 0.016 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

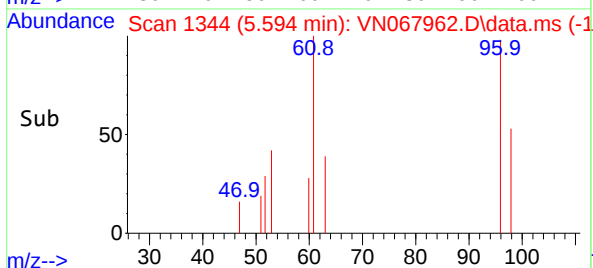
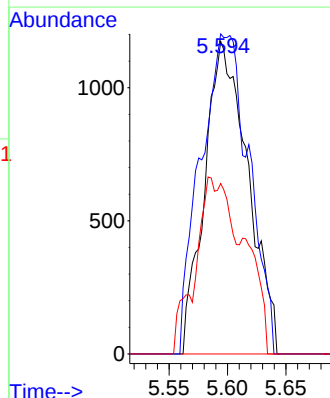
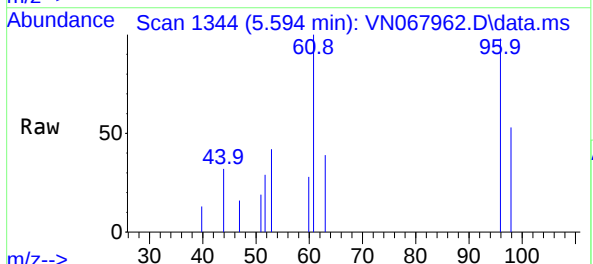
Instrument :
MSVOA_N
ClientSampled :
IBLK

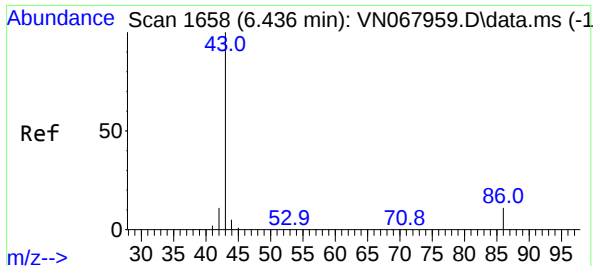
Tgt Ion: 43 Resp: 4484
Ion Ratio Lower Upper
43 100
74 14.7 17.4 26.0#



#21
trans-1,2-Dichloroethene
Concen: 0.722 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 96 Resp: 3029
Ion Ratio Lower Upper
96 100
61 102.4 123.5 185.3#
98 54.5 48.6 72.8

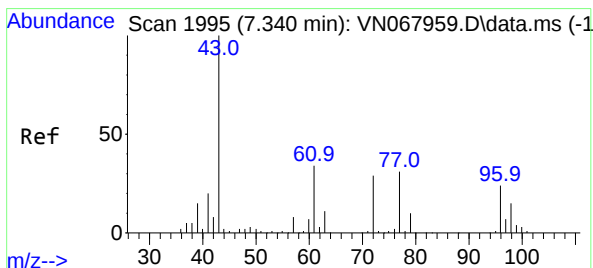
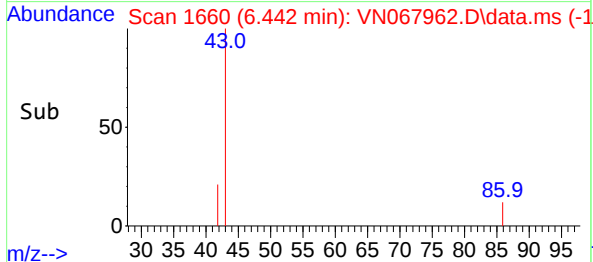
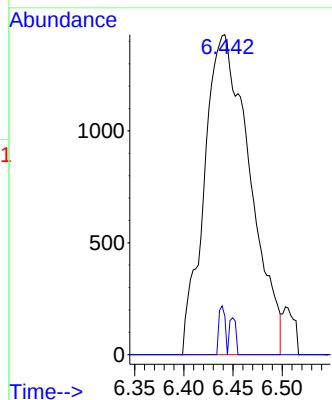
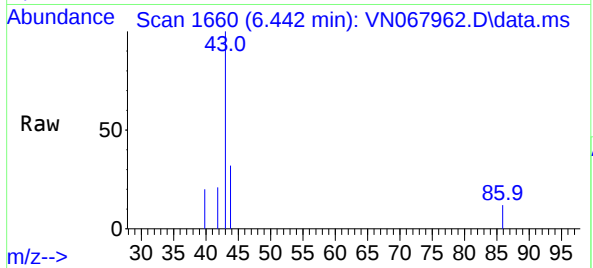




#23
 Vinyl Acetate
 Concen: 9.146 ug/l
 RT: 6.442 min Scan# 1660
 Delta R.T. 0.006 min
 Lab File: VN067962.D
 Acq: 29 Jul 2021 12:09

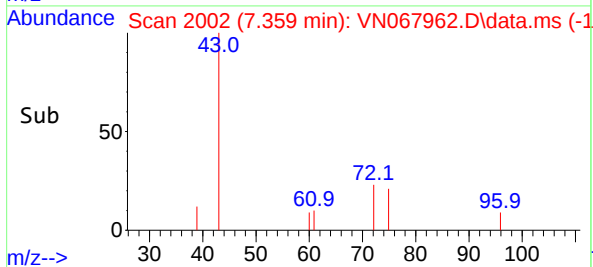
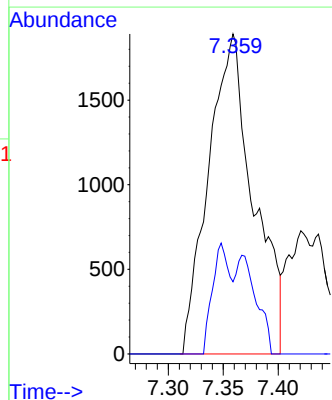
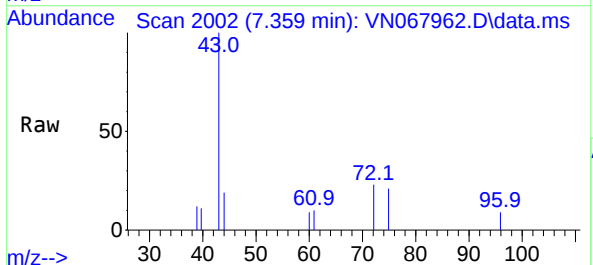
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

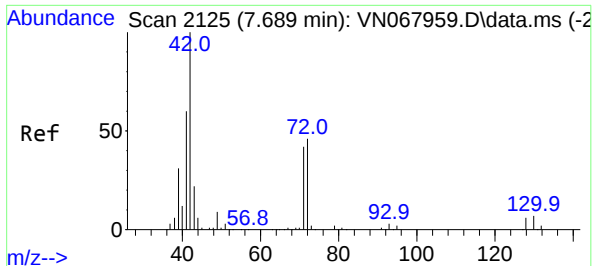
Tgt Ion: 43 Resp: 4604
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.3 10.9#



#25
 2-Butanone
 Concen: 1.886 ug/l
 RT: 7.359 min Scan# 2002
 Delta R.T. 0.019 min
 Lab File: VN067962.D
 Acq: 29 Jul 2021 12:09

Tgt Ion: 43 Resp: 5376
 Ion Ratio Lower Upper
 43 100
 72 22.5 19.7 29.5

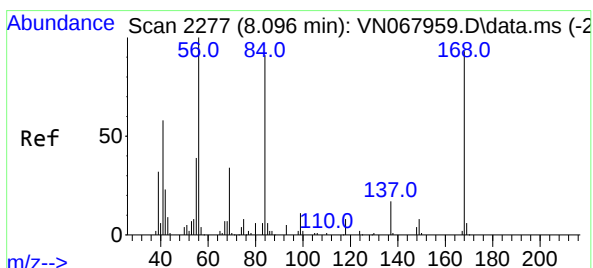
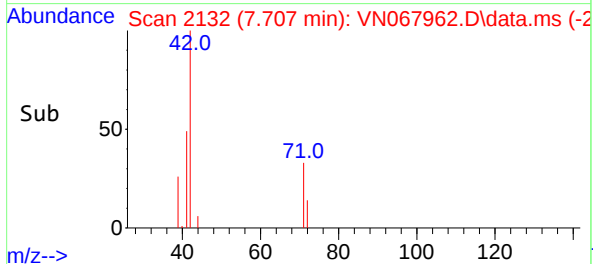
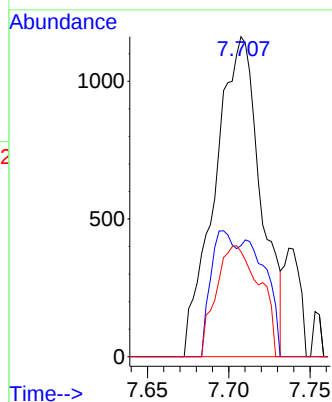
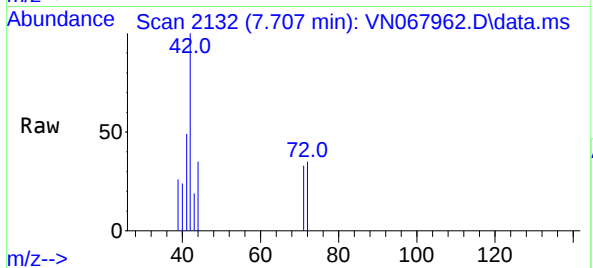




#29
Tetrahydrofuran
Concen: 1.248 ug/l
RT: 7.707 min Scan# 2132
Delta R.T. 0.018 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

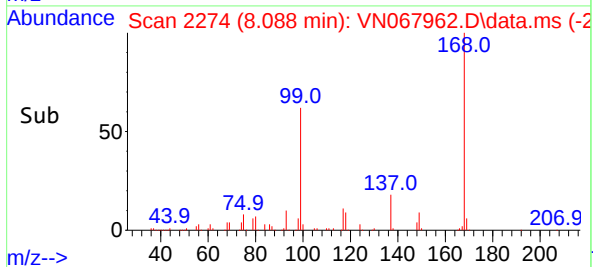
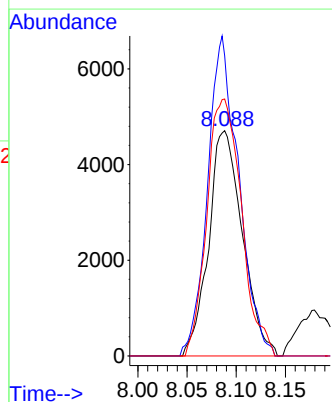
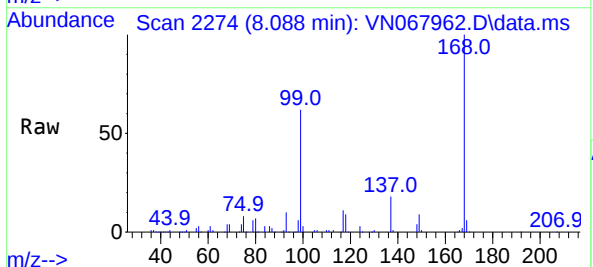
Instrument :
MSVOA_N
ClientSampled :
IBLK

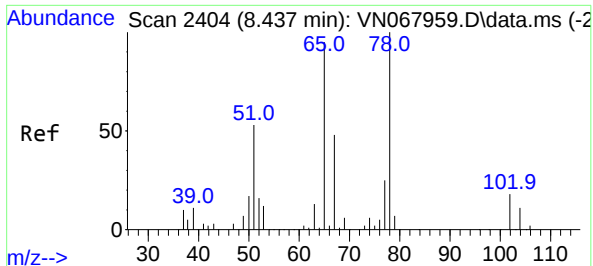
Tgt Ion:	42	Resp:	2279
Ion	Ratio	Lower	Upper
42	100		
72	21.3	32.8	49.2#
71	32.7	31.2	46.8



#31
Cyclohexane
Concen: 1.420 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:	56	Resp:	11280
Ion	Ratio	Lower	Upper
56	100		
69	133.3	27.3	40.9#
84	114.1	64.9	97.3#



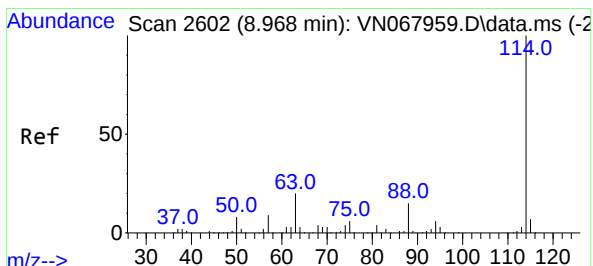
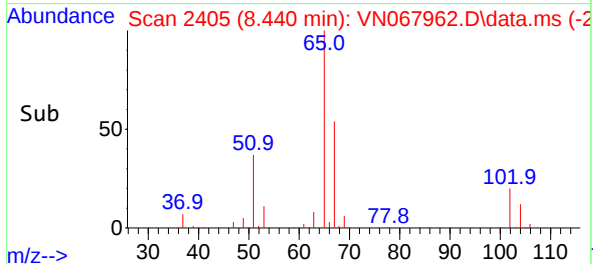
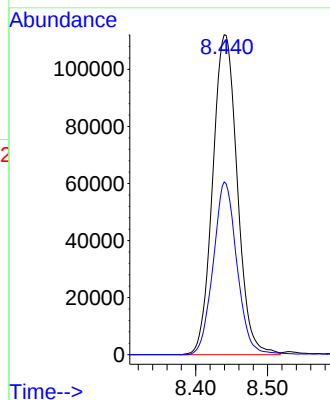
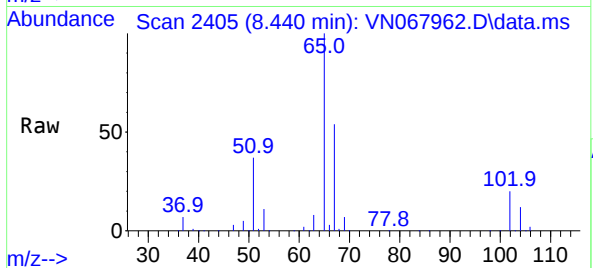


#33

1,2-Dichloroethane-d4
Concen: 49.443 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Instrument :
MSVOA_N
ClientSampled :
IBLK

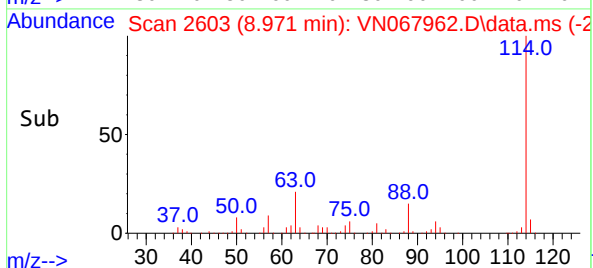
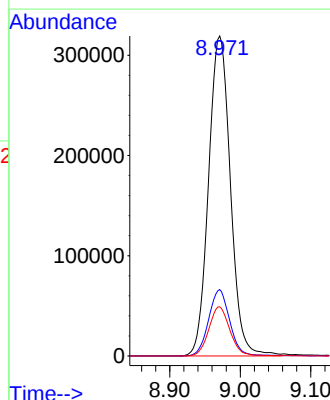
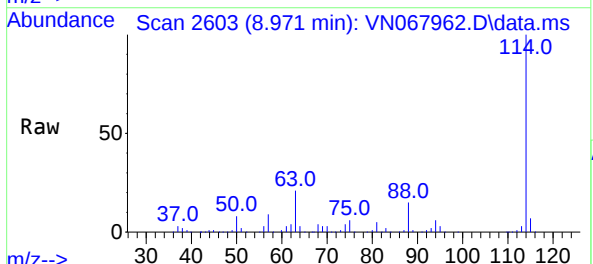
Tgt Ion: 65 Resp: 266269
Ion Ratio Lower Upper
65 100
67 52.1 0.0 98.6

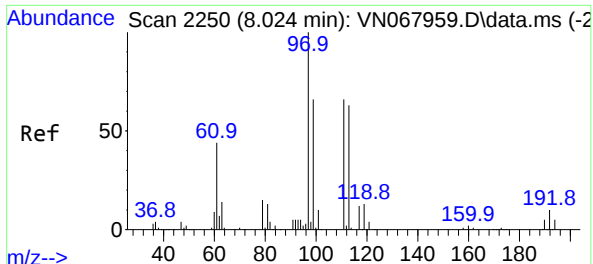


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 114 Resp: 687224
Ion Ratio Lower Upper
114 100
63 20.7 0.0 49.0
88 15.4 0.0 36.6

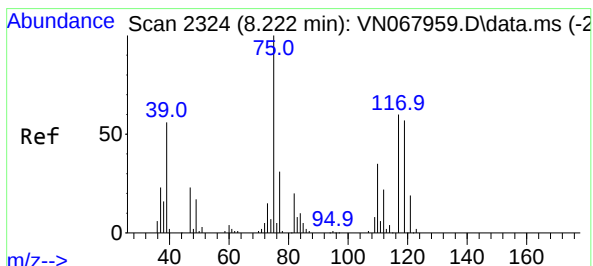
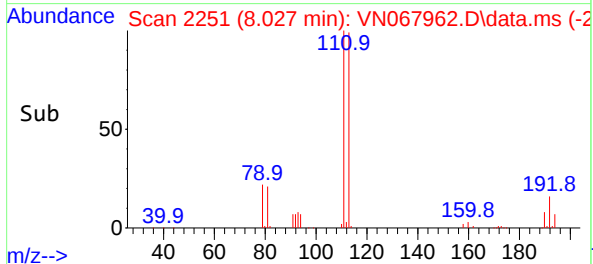
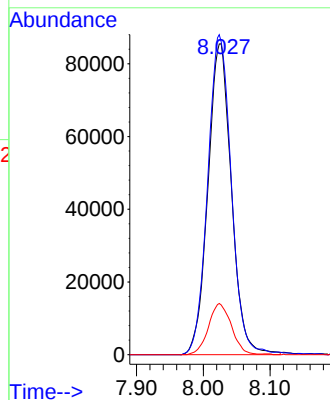
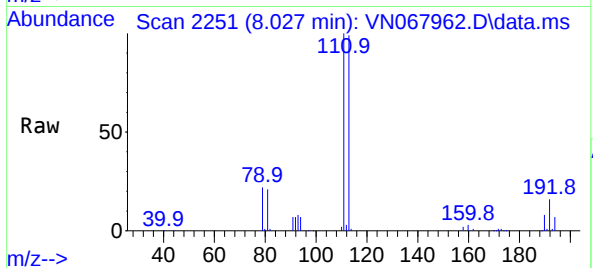




#35
Dibromofluoromethane
Concen: 52.146 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

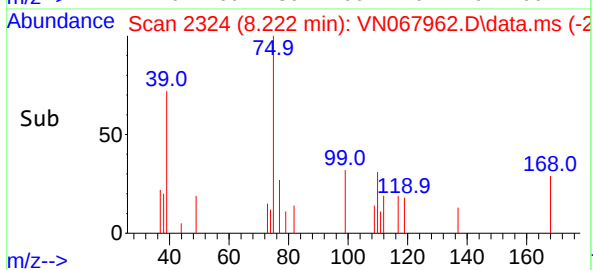
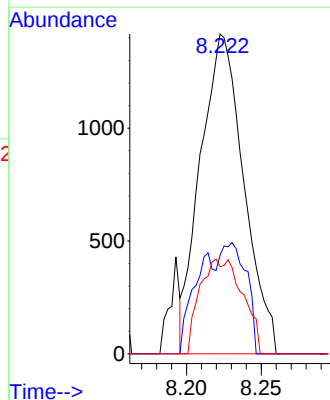
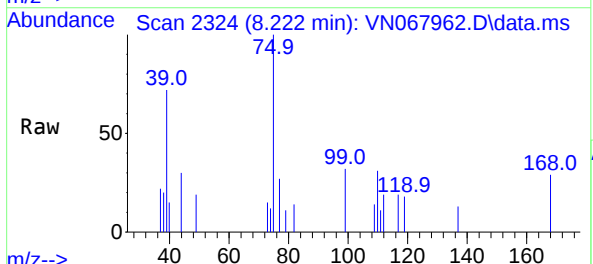
Instrument :
MSVOA_N
ClientSampled :
IBLK

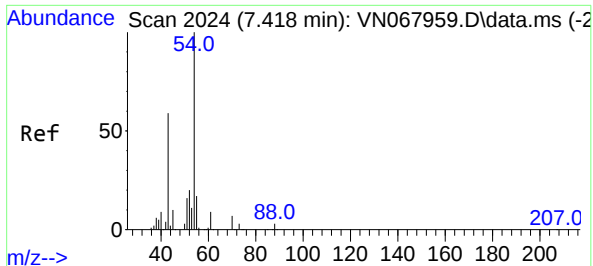
Tgt Ion:113 Resp: 208847
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 16.1 13.4 20.0



#36
1,1-Dichloropropene
Concen: 0.450 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 75 Resp: 2863
Ion Ratio Lower Upper
75 100
110 16.5 15.7 47.0
77 29.1 24.6 37.0

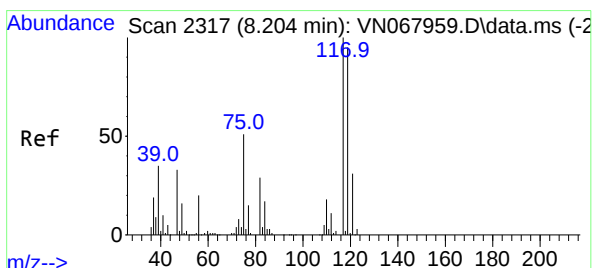
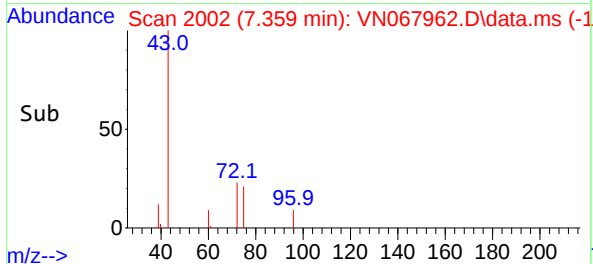
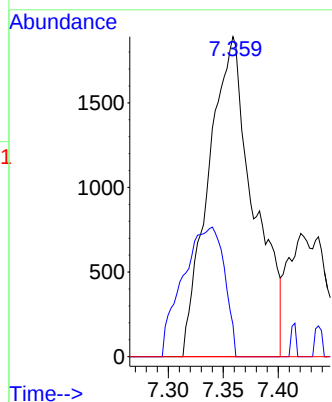
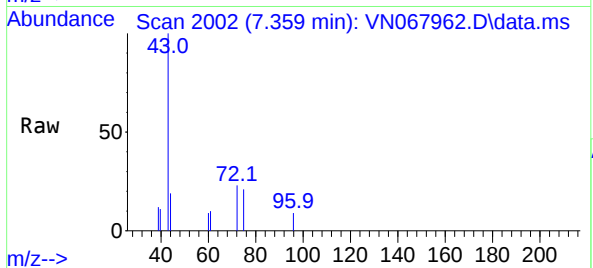




#37
Ethyl Acetate
Concen: 0.899 ug/l
RT: 7.359 min Scan# 2002
Delta R.T. -0.059 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

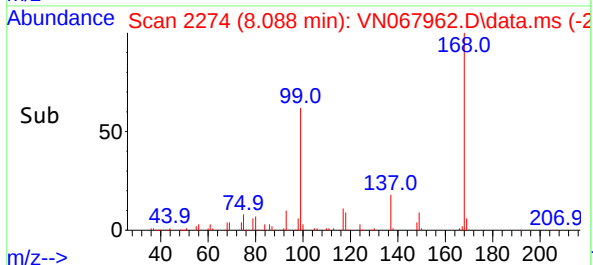
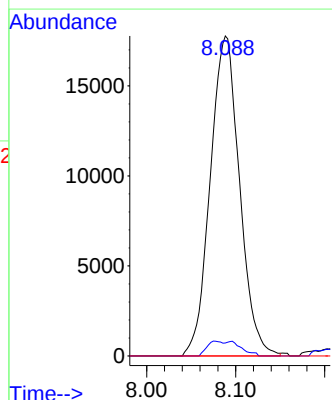
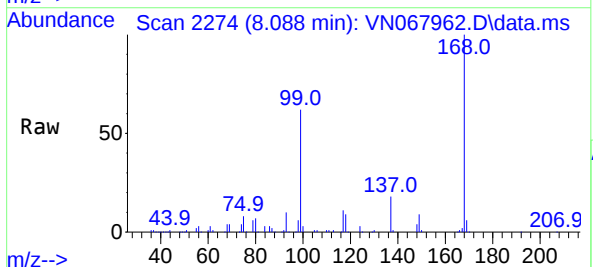
Instrument :
MSVOA_N
ClientSampleId :
IBLK

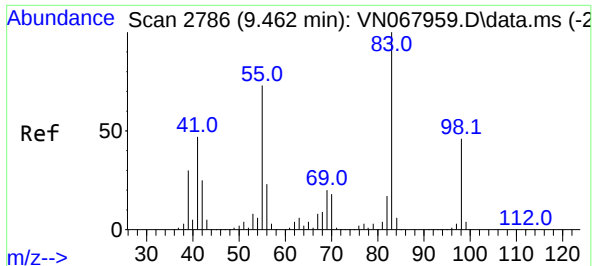
Tgt Ion:	43	Resp:	5376
Ion	Ratio	Lower	Upper
43	100		
61	37.3	10.6	16.0#
70	0.0	8.1	12.1#



#38
Carbon Tetrachloride
Concen: 6.511 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.116 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:	117	Resp:	40702
Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.4	113.2#
121	0.0	23.5	35.3#





#39

Methylcyclohexane

Concen: 0.342 ug/l

RT: 9.459 min Scan# 2785

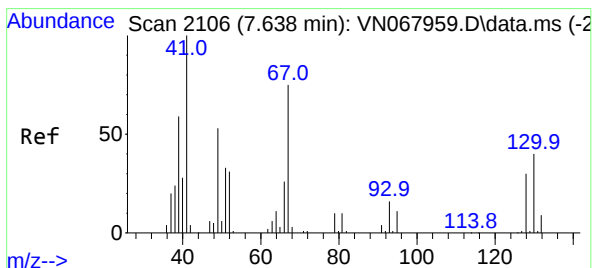
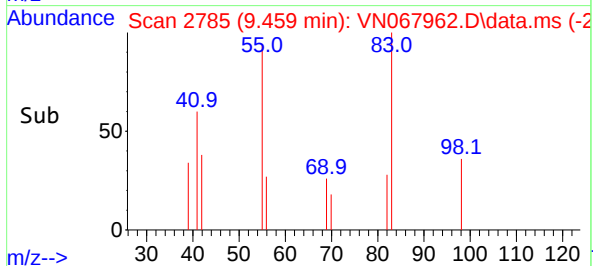
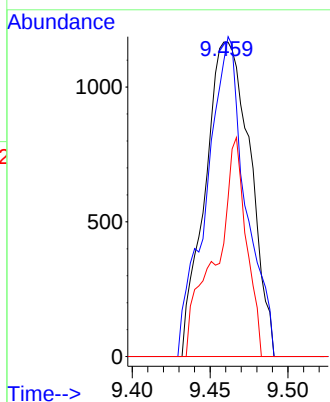
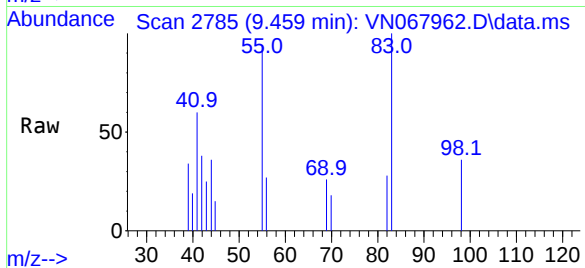
Delta R.T. -0.003 min

Lab File: VN067962.D

Acq: 29 Jul 2021 12:09

Tgt Ion: 83	Resp: 2347
Ion Ratio	Lower Upper
83	100
55	94.0 66.6 99.8
98	36.0 35.3 52.9

Instrument :
MSVOA_N
ClientSampleId :
IBLK



#41

Methacrylonitrile

Concen: 0.345 ug/l

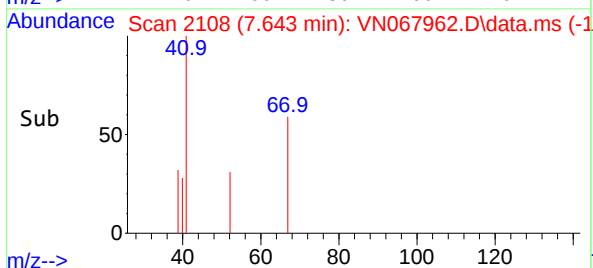
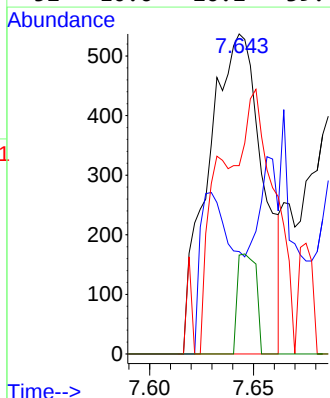
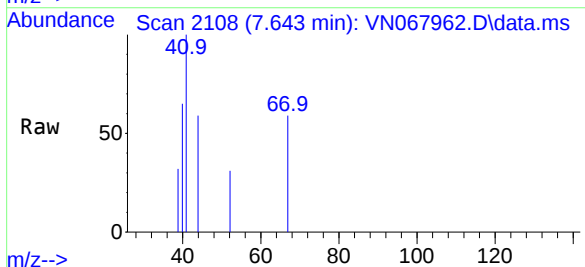
RT: 7.643 min Scan# 2108

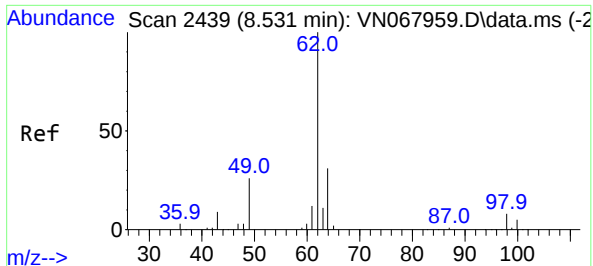
Delta R.T. 0.005 min

Lab File: VN067962.D

Acq: 29 Jul 2021 12:09

Tgt Ion: 41	Resp: 982
Ion Ratio	Lower Upper
41	100
39	0.0 47.6 71.4#
67	46.1 57.7 86.5#
52	10.6 26.2 39.4#



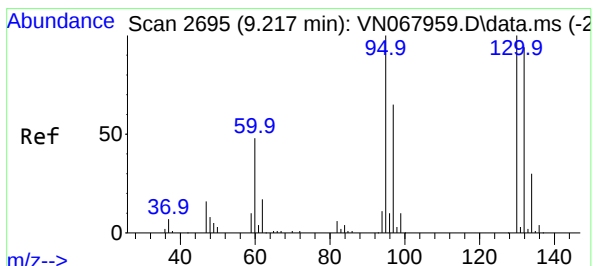
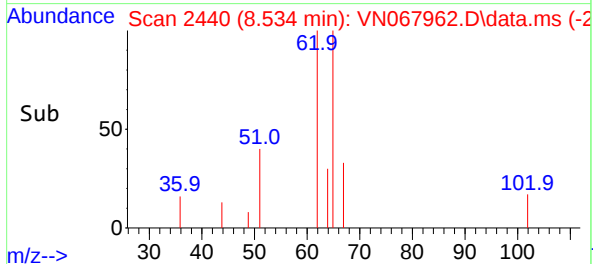
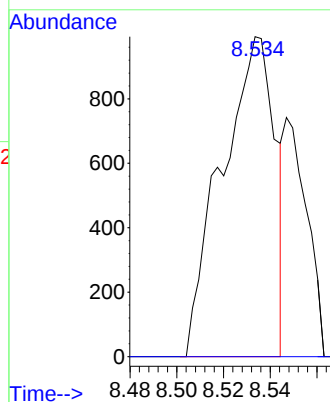
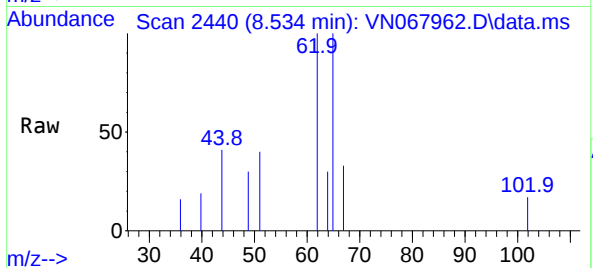


#42

1,2-Dichloroethane
Concen: 0.225 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Instrument :
MSVOA_N
ClientSampled :
IBLK

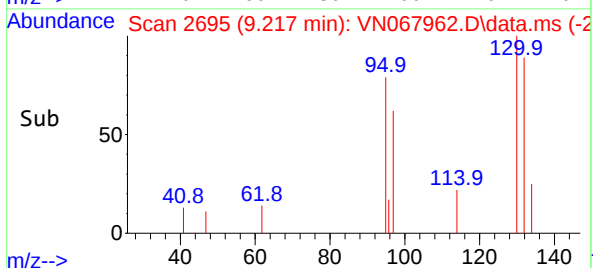
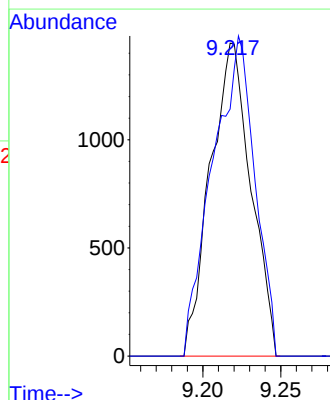
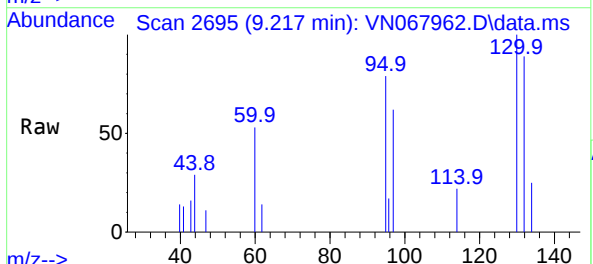
Tgt Ion: 62 Resp: 1566
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.2

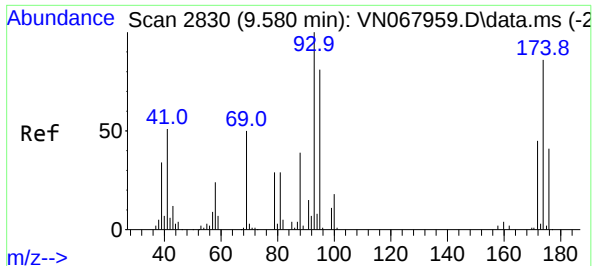


#44

Trichloroethene
Concen: 0.550 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 130 Resp: 2620
Ion Ratio Lower Upper
130 100
95 78.9 0.0 234.4

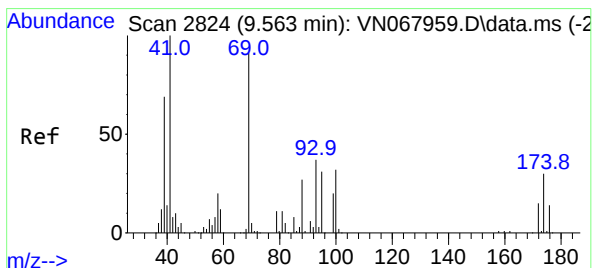
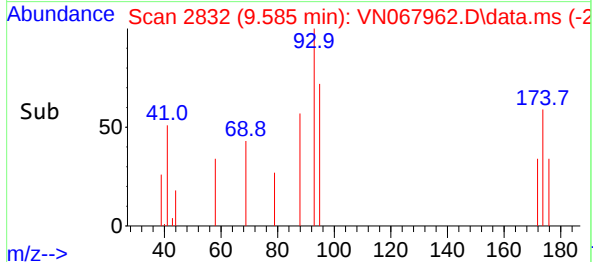
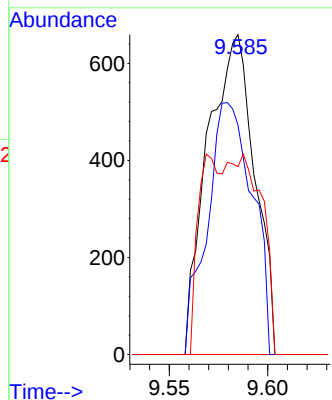
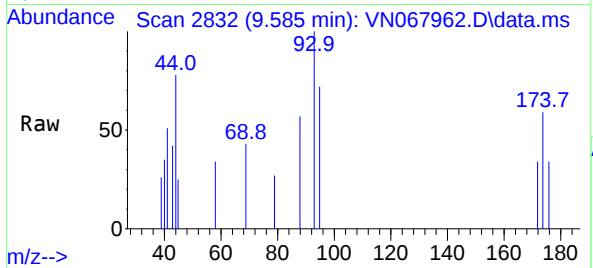




#46
Dibromomethane
Concen: 0.324 ug/l
RT: 9.585 min Scan# 2832
Delta R.T. 0.005 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

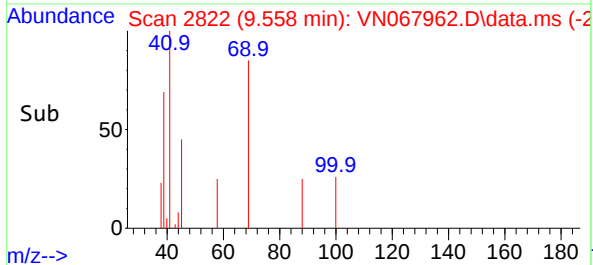
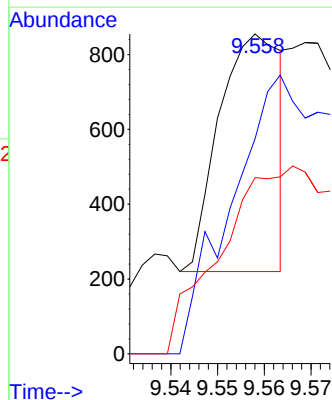
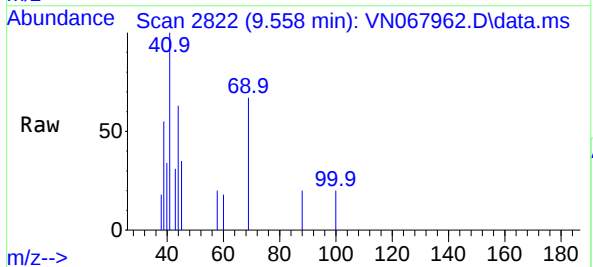
Instrument :
MSVOA_N
ClientSampled :
IBLK

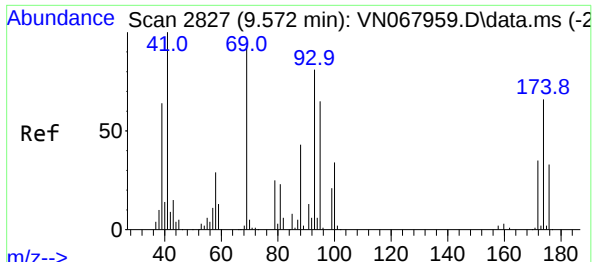
Tgt Ion: 93 Resp: 1098
Ion Ratio Lower Upper
93 100
95 75.5 66.1 99.1
174 31.7 61.0 91.4#



#48
Methyl methacrylate
Concen: 2.416 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.005 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 41 Resp: 579
Ion Ratio Lower Upper
41 100
69 227.5 64.6 96.8#
39 166.3 53.3 79.9#

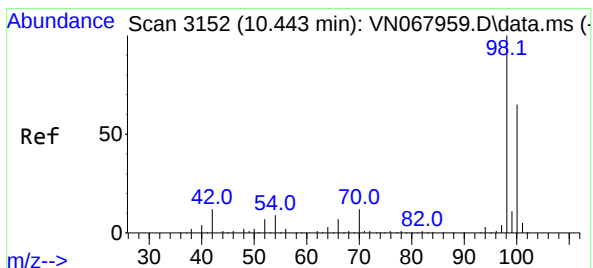
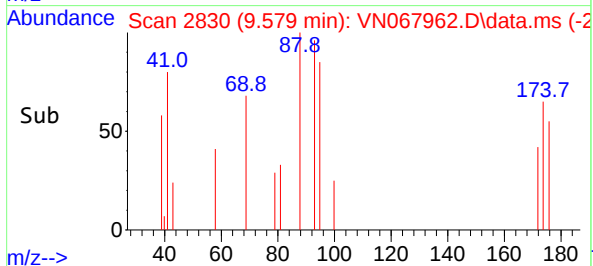
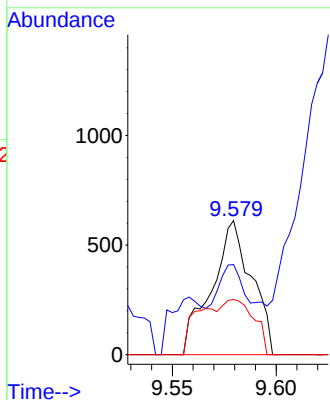
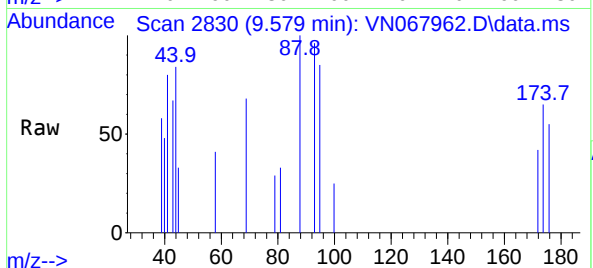




#49
1,4-Dioxane
Concen: 10.366 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.007 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

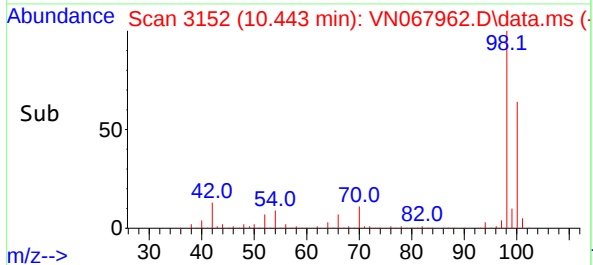
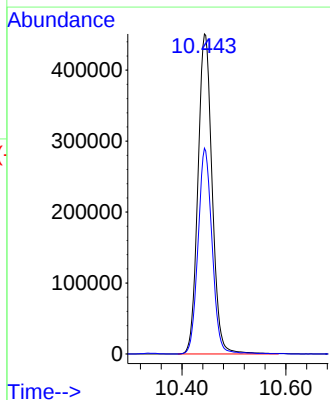
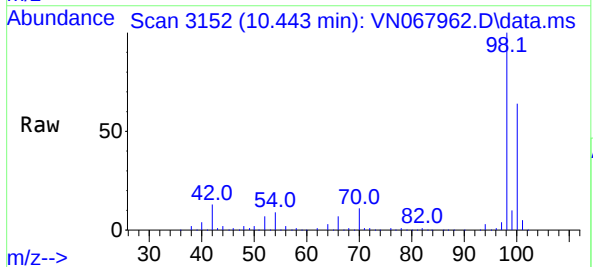
Instrument :
MSVOA_N
ClientSampled :
IBLK

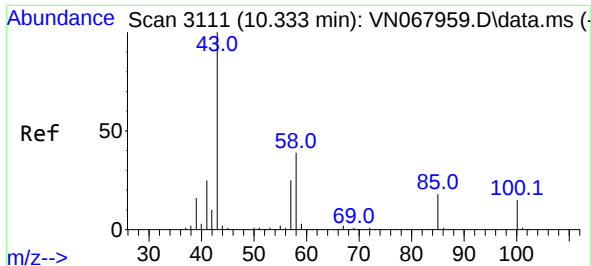
Tgt Ion: 88 Resp: 822
Ion Ratio Lower Upper
88 100
43 28.2 28.8 43.2#
58 55.8 60.4 90.6#



#50
Toluene-d8
Concen: 46.655 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 98 Resp: 857173
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

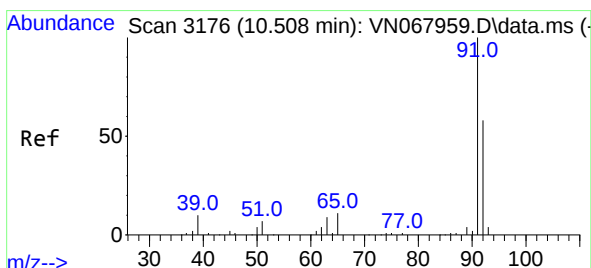
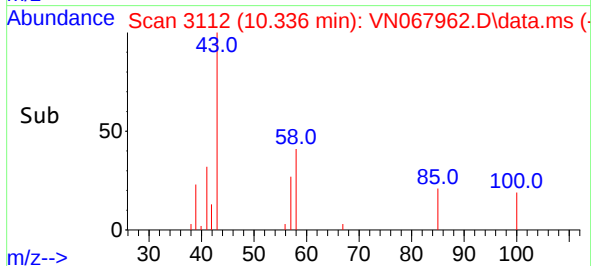
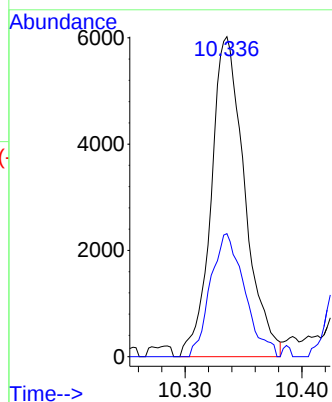
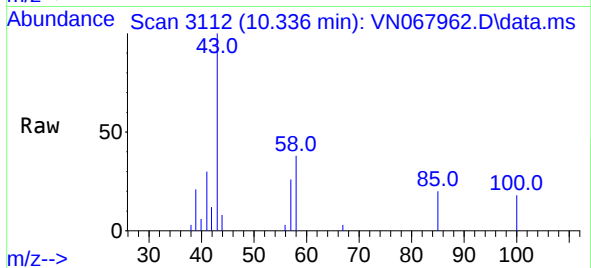




#51
4-Methyl-2-Pentanone
Concen: 14.134 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

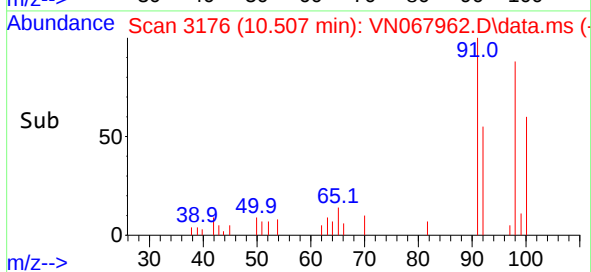
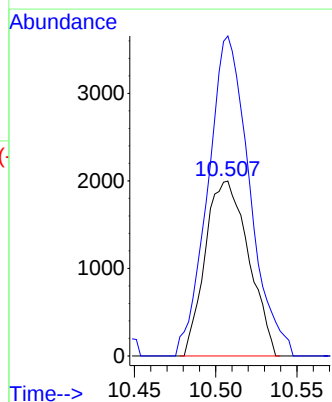
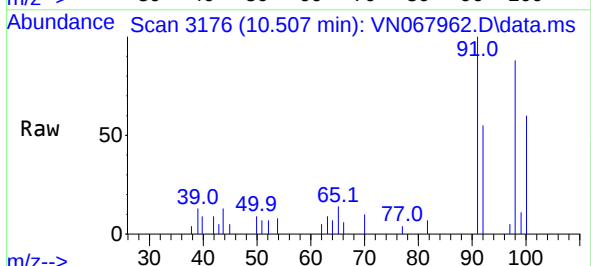
Instrument :
MSVOA_N
ClientSampled :
IBLK

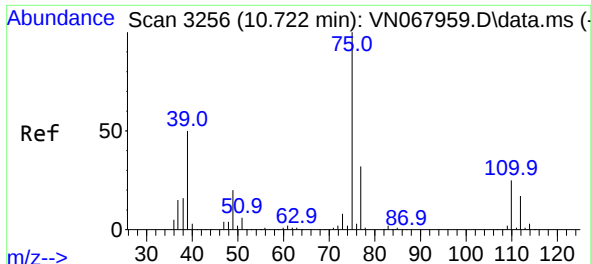
Tgt Ion: 43 Resp: 11988
Ion Ratio Lower Upper
43 100
58 39.2 28.6 43.0



#52
Toluene
Concen: 0.303 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 92 Resp: 3706
Ion Ratio Lower Upper
92 100
91 176.0 139.6 209.4

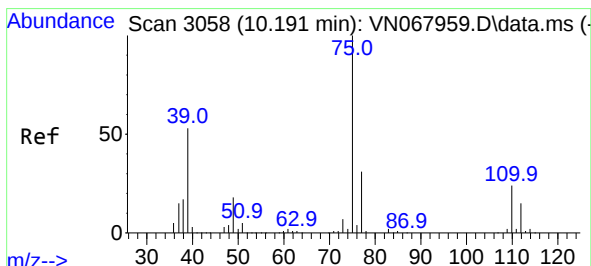
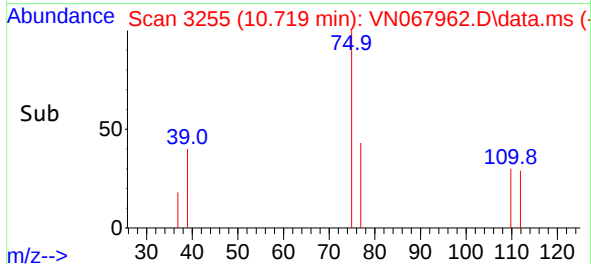
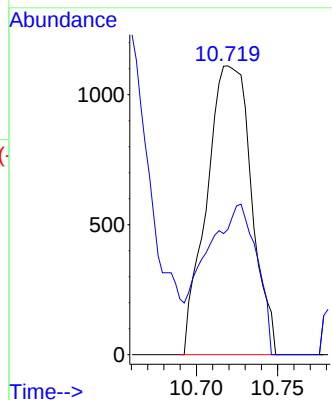
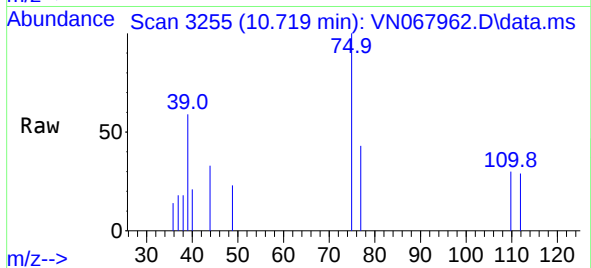




#53
t-1,3-Dichloropropene
Concen: 3.077 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

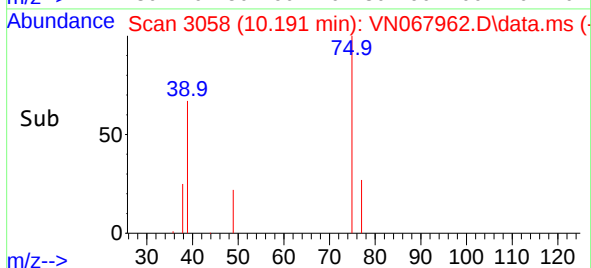
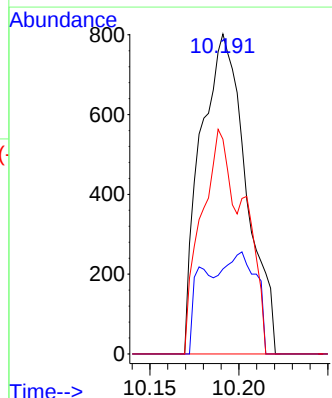
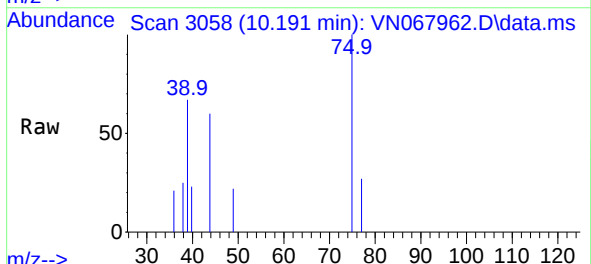
Instrument :
MSVOA_N
ClientSampled :
IBLK

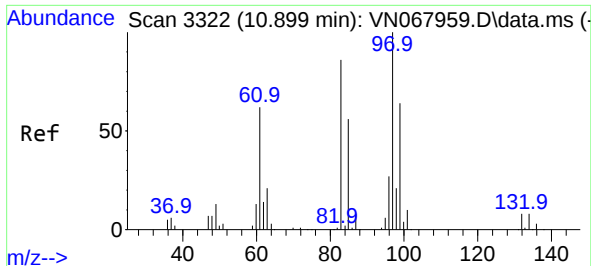
Tgt Ion: 75 Resp: 2124
Ion Ratio Lower Upper
75 100
77 43.4 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 2.515 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 75 Resp: 1428
Ion Ratio Lower Upper
75 100
77 26.6 24.6 37.0
39 67.1 50.7 76.1



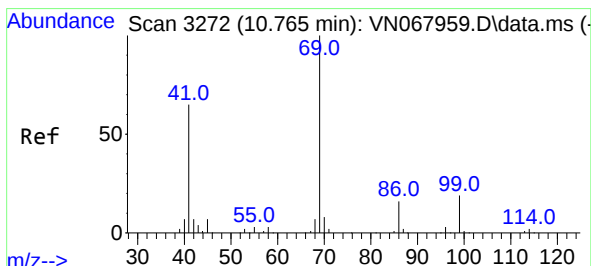
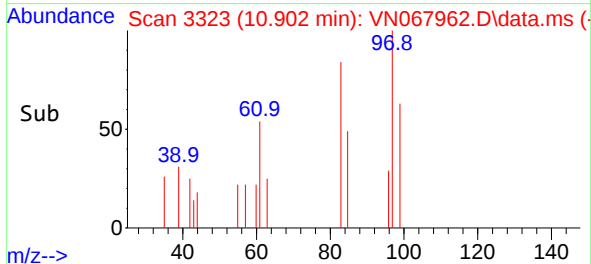
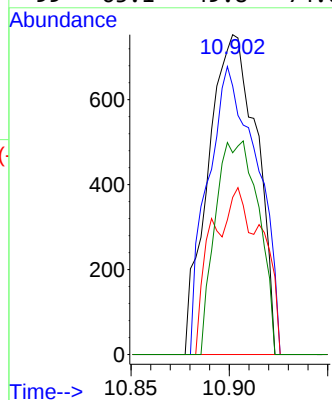
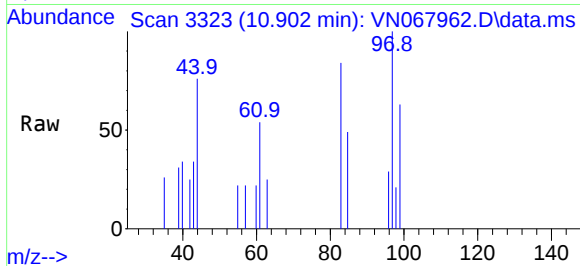


#55
1,1,2-Trichloroethane
Concen: 0.272 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 97 Resp: 1290

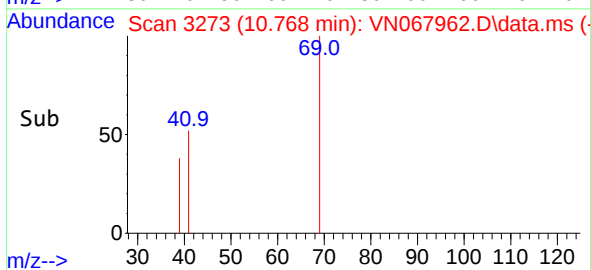
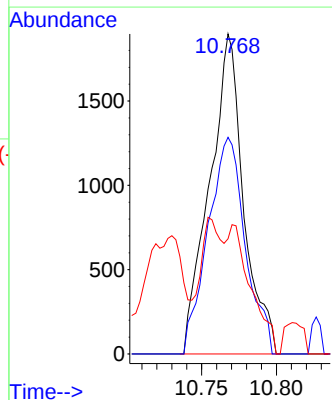
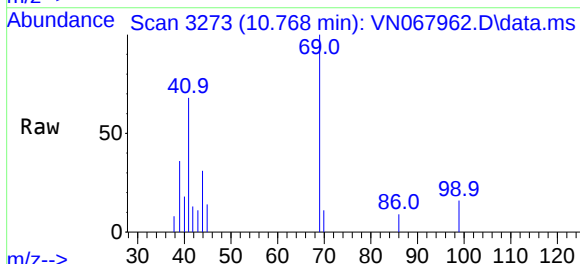
Ion	Ratio	Lower	Upper
97	100		
83	83.9	72.0	108.0
85	49.1	46.8	70.2
99	63.1	49.8	74.6

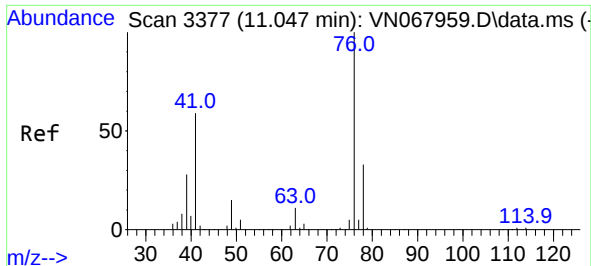


#56
Ethyl methacrylate
Concen: 3.429 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 69 Resp: 3004

Ion	Ratio	Lower	Upper
69	100		
41	74.3	58.6	88.0
39	13.8	38.3	57.5

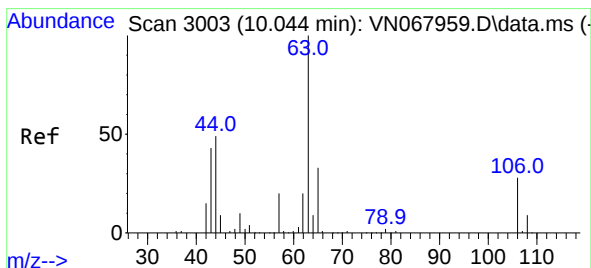
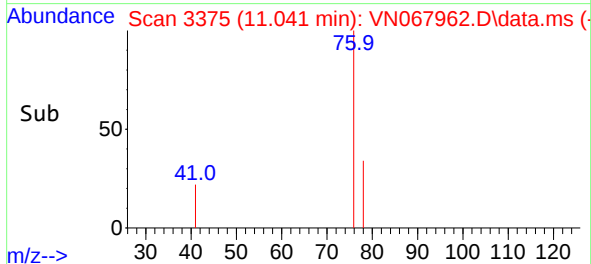
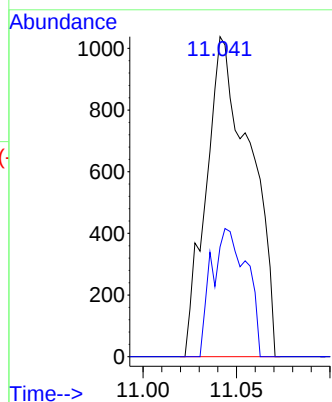
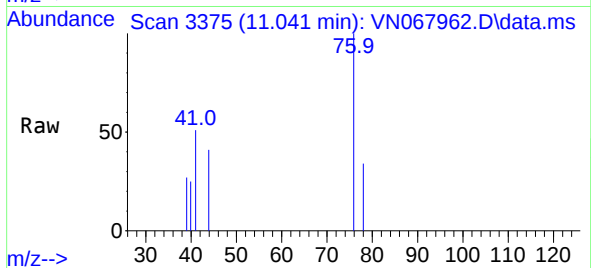




#57
1,3-Dichloropropane
Concen: 0.221 ug/l
RT: 11.041 min Scan# 3375
Delta R.T. -0.006 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

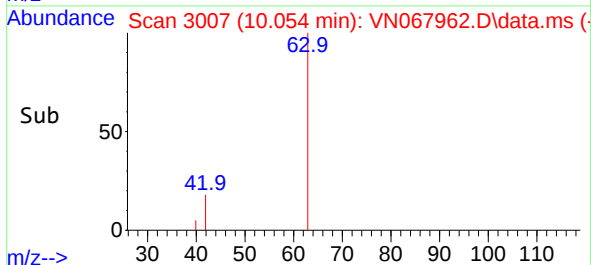
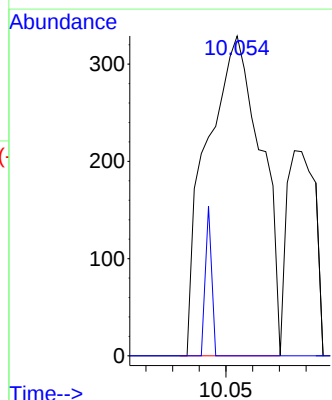
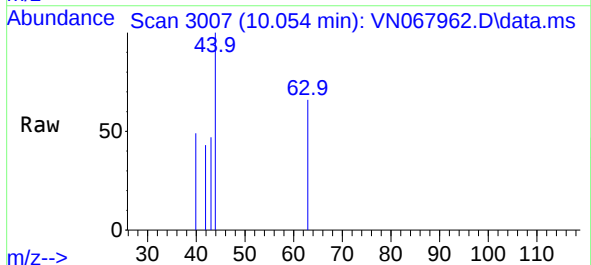
Instrument :
MSVOA_N
ClientSampleId :
IBLK

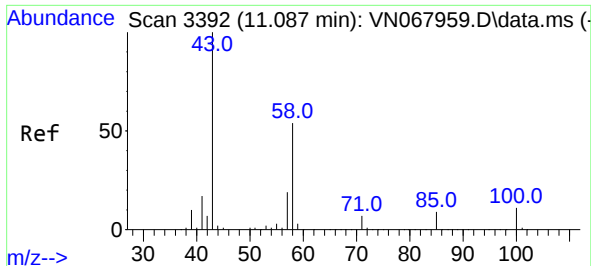
Tgt Ion: 76 Resp: 1707
Ion Ratio Lower Upper
76 100
78 31.6 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 23.687 ug/l
RT: 10.054 min Scan# 3007
Delta R.T. 0.010 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 63 Resp: 465
Ion Ratio Lower Upper
63 100
106 5.4 19.8 29.8#

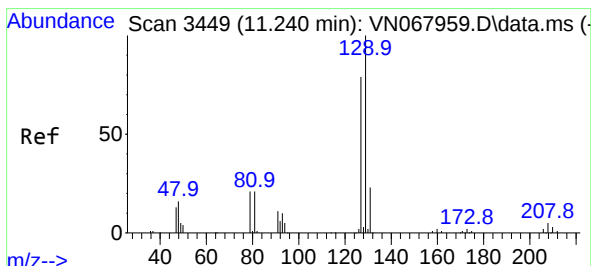
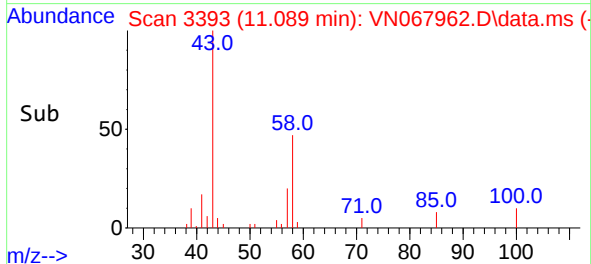
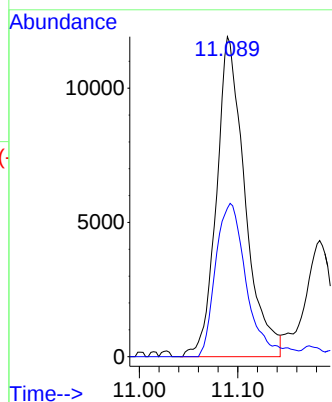
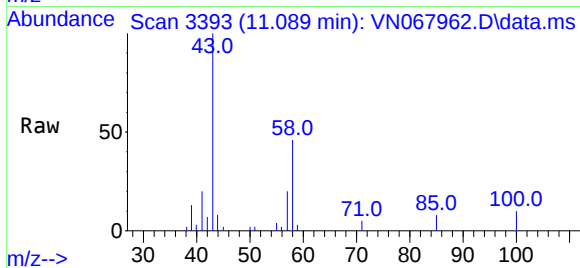




#59
2-Hexanone
Concen: 17.676 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

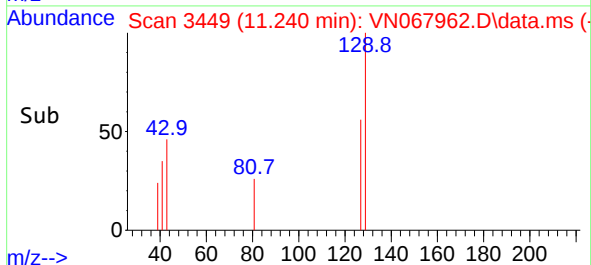
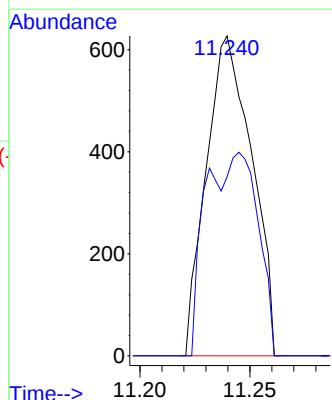
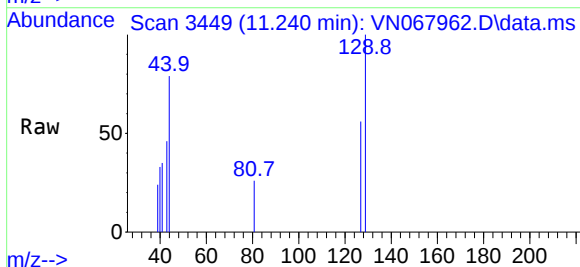
Instrument :
MSVOA_N
ClientSampled :
IBLK

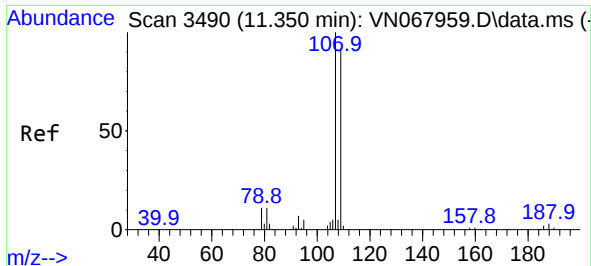
Tgt Ion: 43 Resp: 23993
Ion Ratio Lower Upper
43 100
58 51.1 24.7 74.1



#60
Dibromochloromethane
Concen: 3.445 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:129 Resp: 904
Ion Ratio Lower Upper
129 100
127 28.1 38.6 115.8#

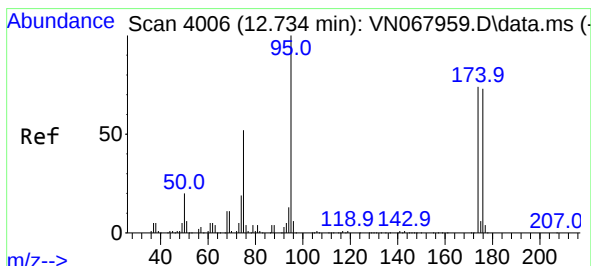
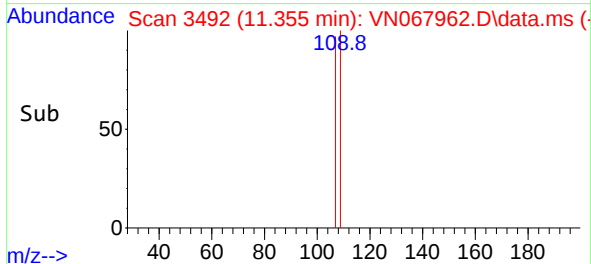
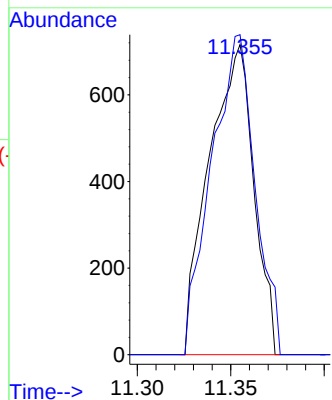
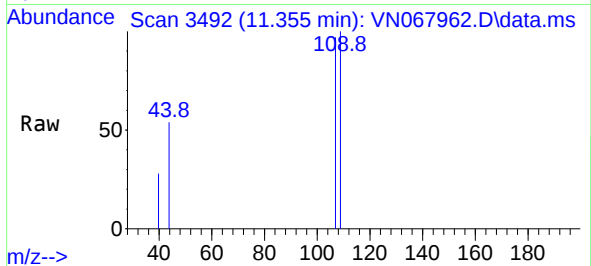




#61
1,2-Dibromoethane
Concen: 0.244 ug/l
RT: 11.355 min Scan# 3492
Delta R.T. 0.005 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

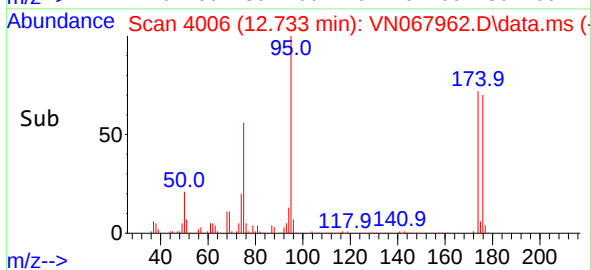
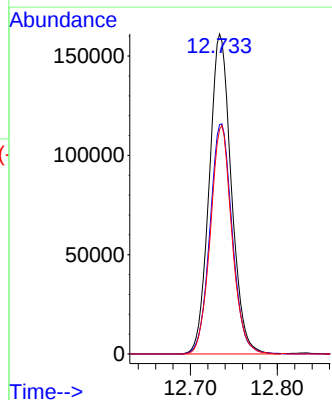
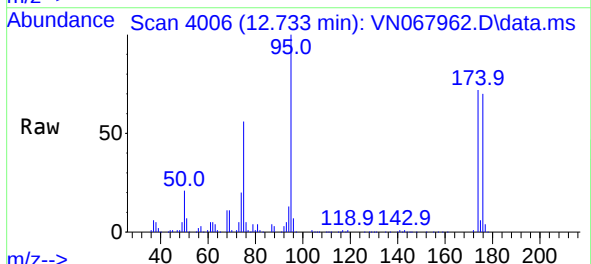
Instrument :
MSVOA_N
ClientSampled :
IBLK

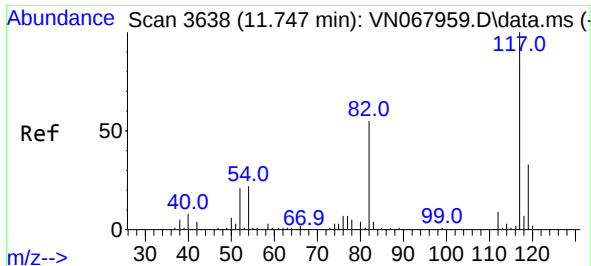
Tgt Ion:107 Resp: 1190
Ion Ratio Lower Upper
107 100
109 100.8 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 42.721 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 95 Resp: 283585
Ion Ratio Lower Upper
95 100
174 72.8 0.0 122.0
176 69.8 0.0 117.6

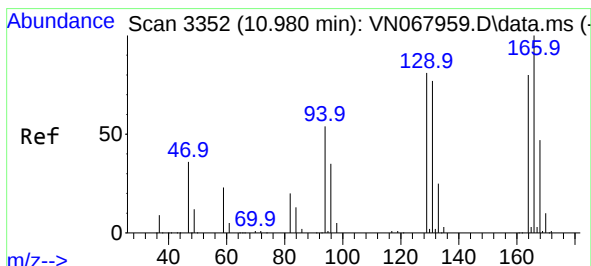
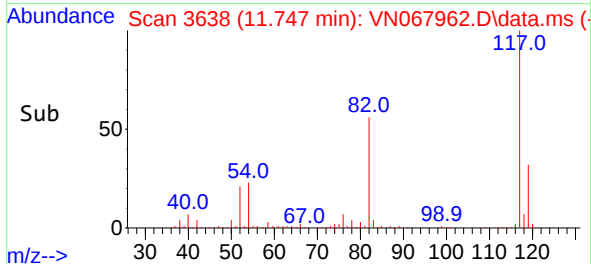
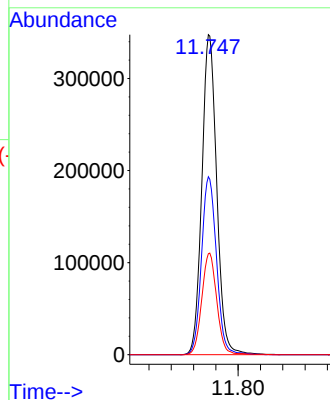
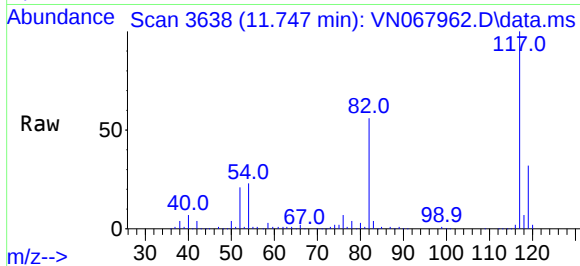




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

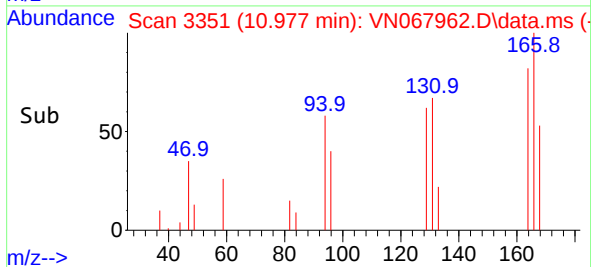
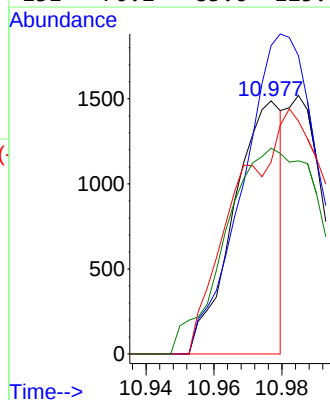
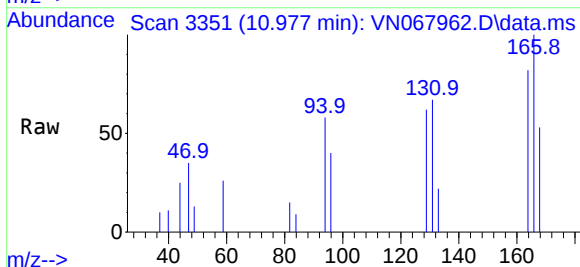
Instrument :
MSVOA_N
ClientSampled :
IBLK

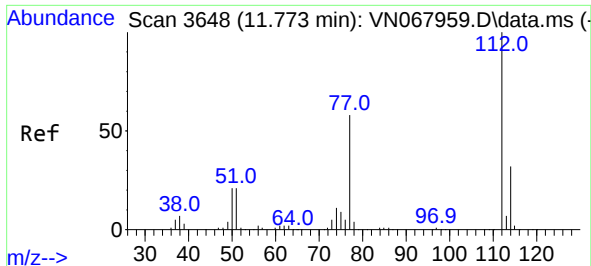
Tgt Ion:117 Resp: 643439
Ion Ratio Lower Upper
117 100
82 55.6 53.1 79.7
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.316 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:164 Resp: 1456
Ion Ratio Lower Upper
164 100
166 121.8 102.1 153.1
129 75.8 86.9 130.3#
131 70.2 83.6 125.4#

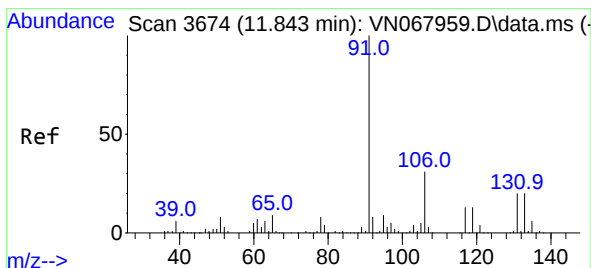
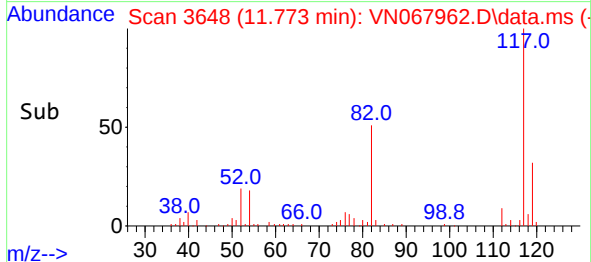
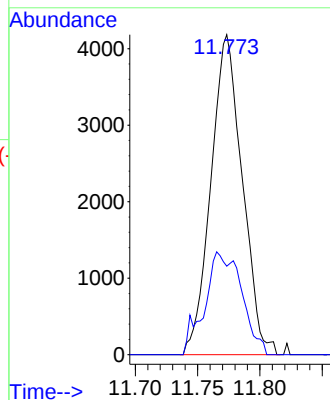
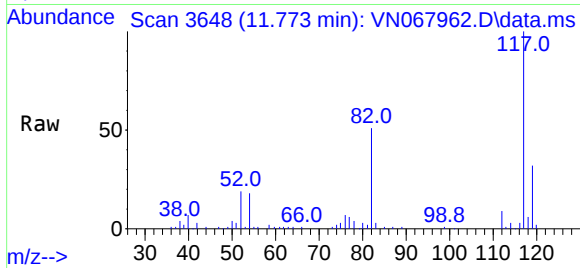




#65
Chlorobenzene
Concen: 0.560 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

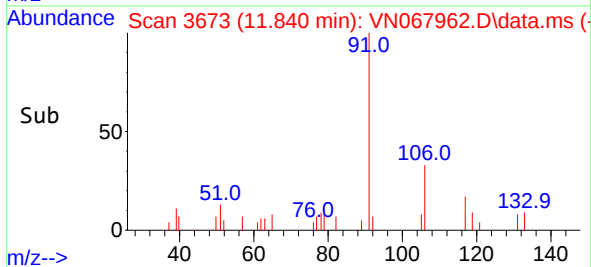
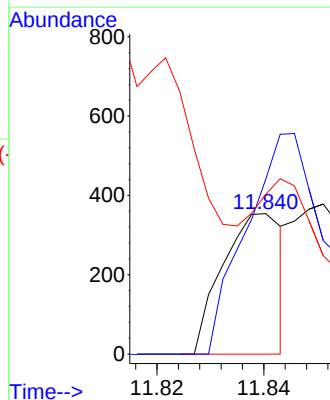
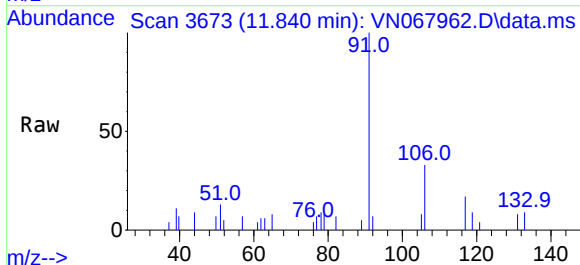
Instrument :
MSVOA_N
ClientSampled :
IBLK

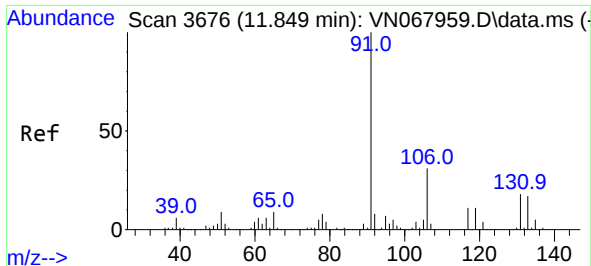
Tgt Ion:112 Resp: 7330
Ion Ratio Lower Upper
112 100
114 27.7 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 1.899 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:131 Resp: 273
Ion Ratio Lower Upper
131 100
133 250.2 47.5 142.5#
119 0.0 33.1 99.3#

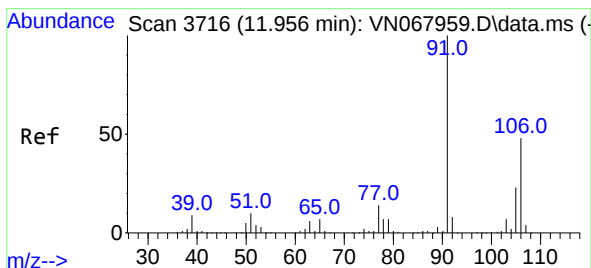
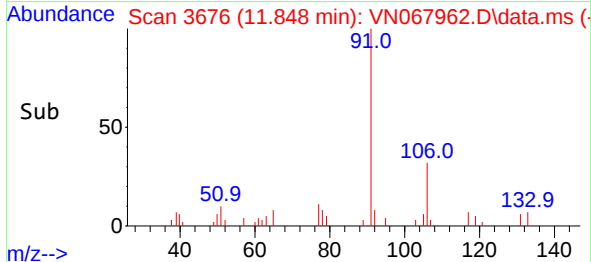
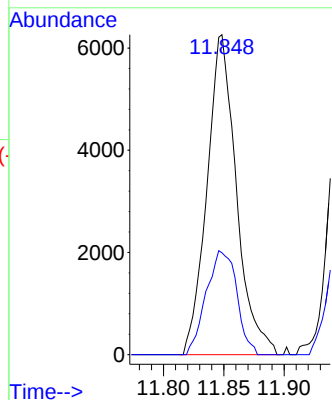
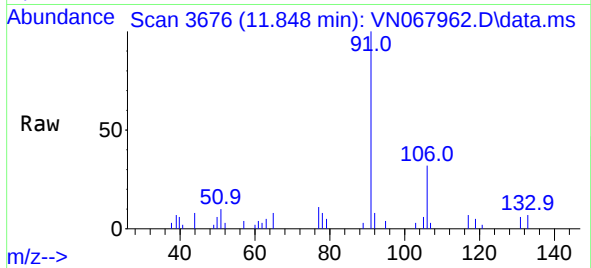




#67
Ethyl Benzene
Concen: 0.457 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.001 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

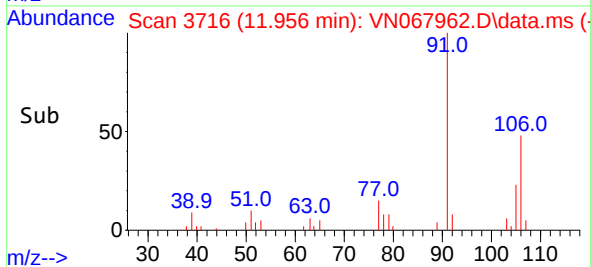
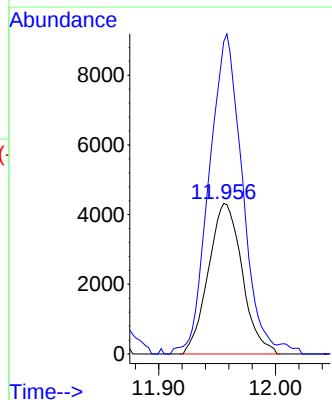
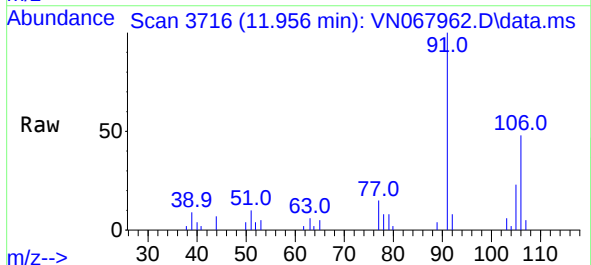
Instrument :
MSVOA_N
ClientSampleId :
IBLK

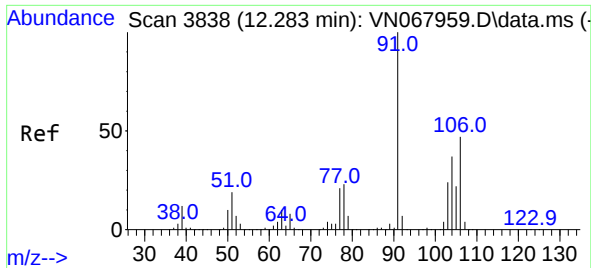
Tgt Ion: 91 Resp: 10642
Ion Ratio Lower Upper
91 100
106 31.8 23.4 35.0



#68
m/p-Xylenes
Concen: 4.880 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:106 Resp: 8683
Ion Ratio Lower Upper
106 100
91 207.5 180.6 270.8

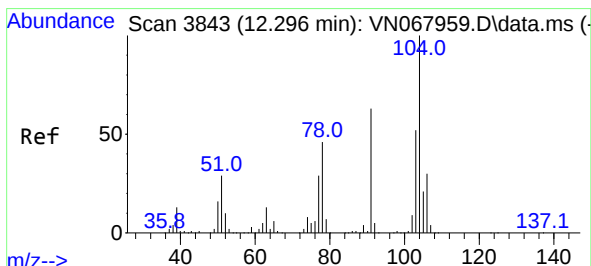
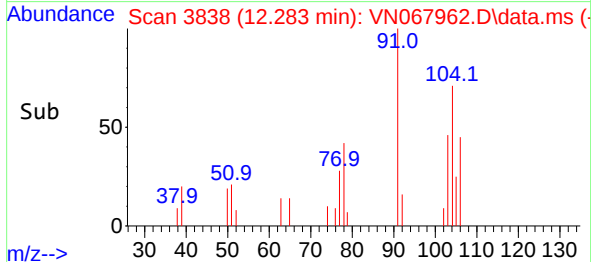
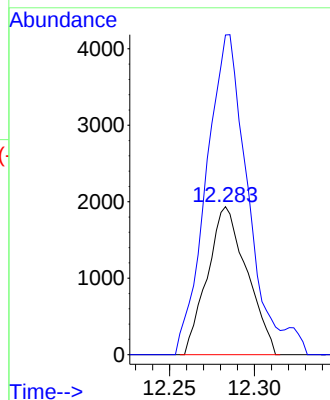
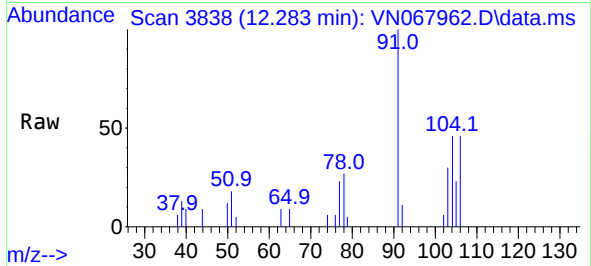




#69
o-Xylene
Concen: 0.364 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

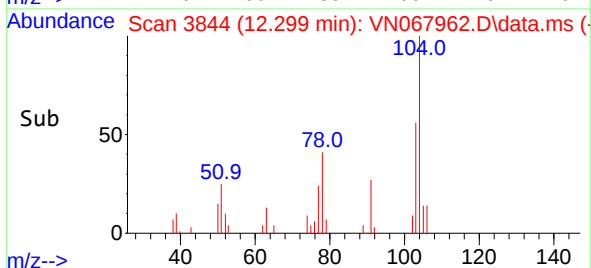
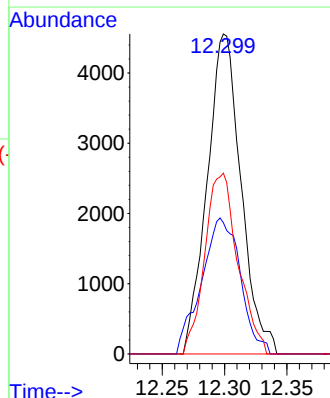
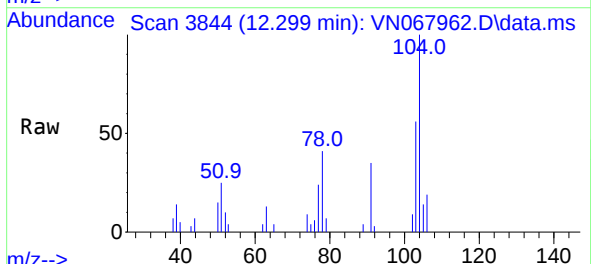
Instrument :
MSVOA_N
ClientSampled :
IBLK

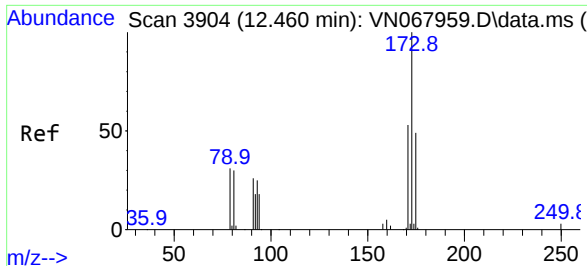
Tgt Ion:106 Resp: 3122
Ion Ratio Lower Upper
106 100
91 223.0 118.3 354.9



#70
Styrene
Concen: 3.115 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:104 Resp: 8621
Ion Ratio Lower Upper
104 100
78 48.6 48.2 72.2
103 55.4 44.5 66.7

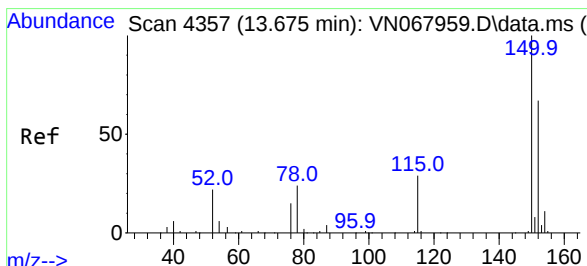
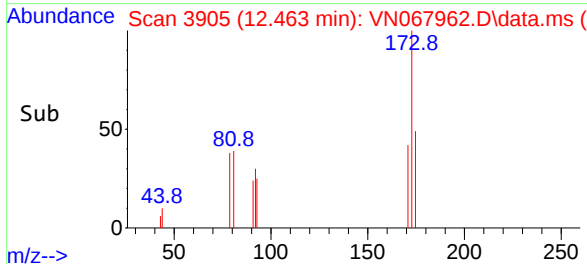
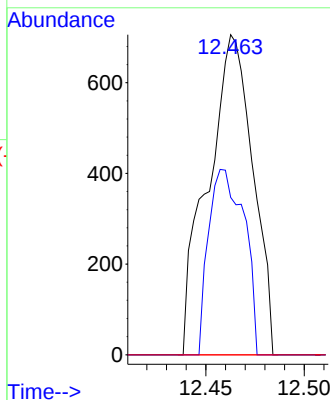
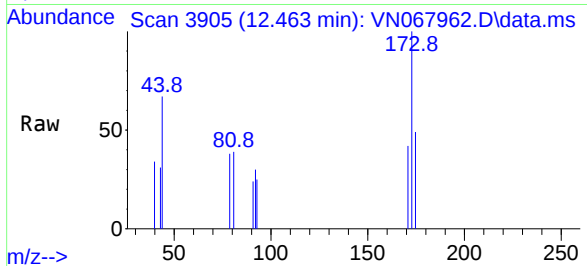




#71
Bromoform
Concen: 4.282 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

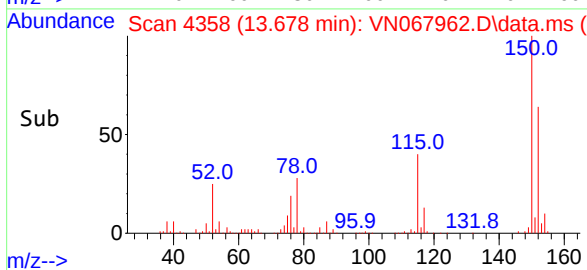
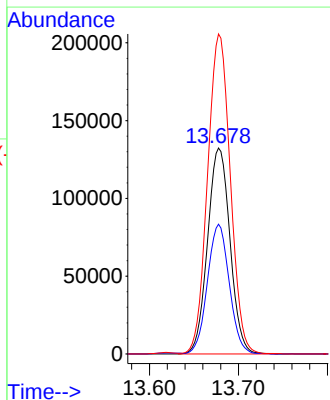
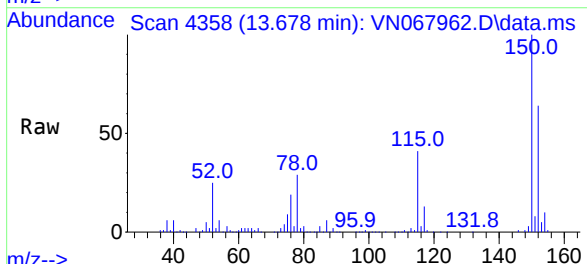
Instrument :
MSVOA_N
ClientSampleId :
IBLK

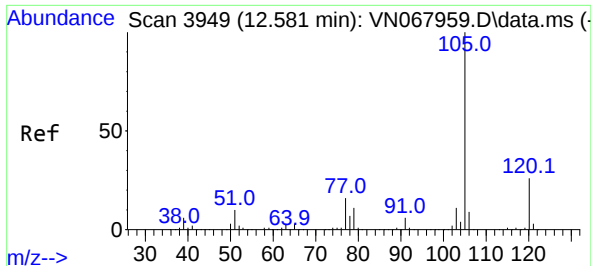
Tgt Ion:173 Resp: 1124
Ion Ratio Lower Upper
173 100
175 45.6 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:152 Resp: 231807
Ion Ratio Lower Upper
152 100
115 61.5 36.1 108.5
150 157.6 0.0 351.8

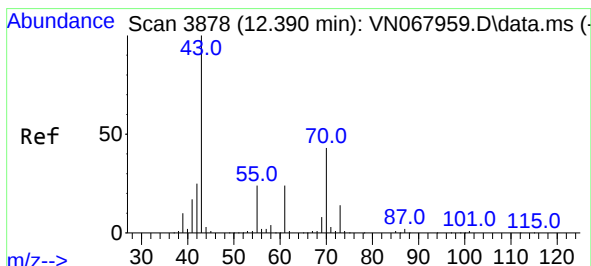
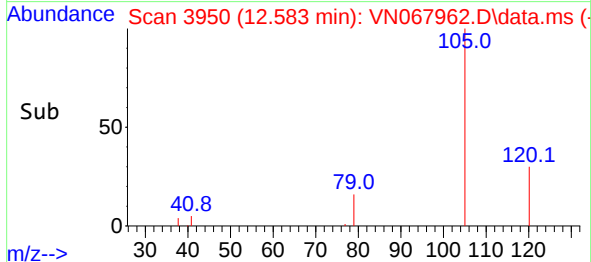
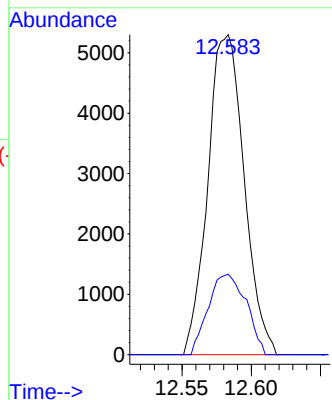
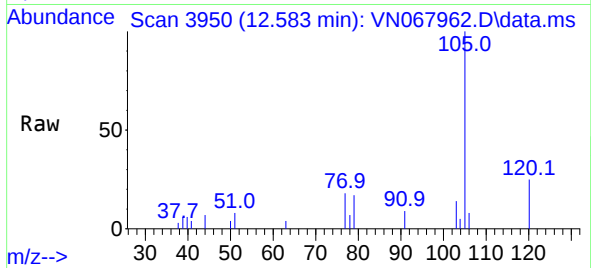




#73
Isopropylbenzene
Concen: 0.511 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

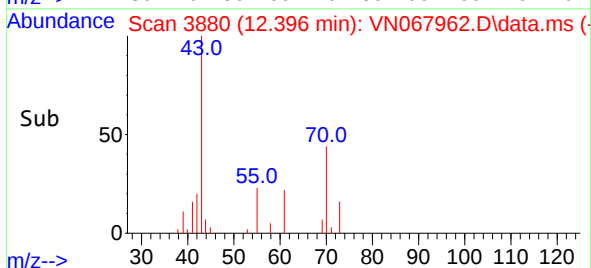
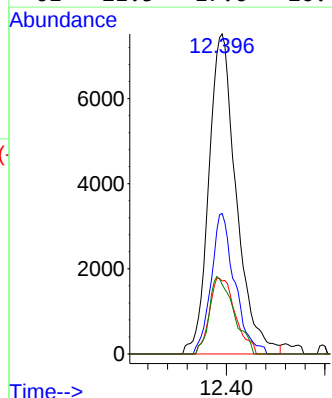
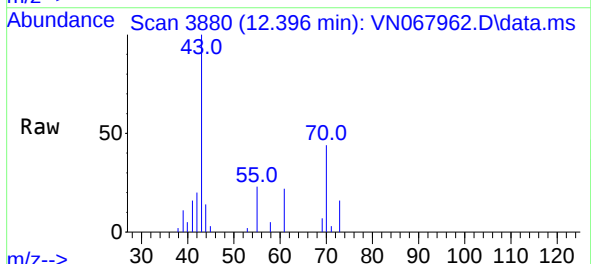
Instrument :
MSVOA_N
ClientSampled :
IBLK

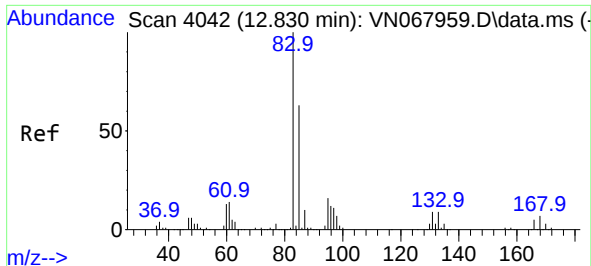
Tgt Ion:105 Resp: 9667
Ion Ratio Lower Upper
105 100
120 26.2 12.5 37.5



#74
N-ethyl acetate
Concen: 2.218 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 43 Resp: 14581
Ion Ratio Lower Upper
43 100
70 37.7 29.4 44.2
55 22.2 17.0 25.4
61 21.5 17.6 26.4

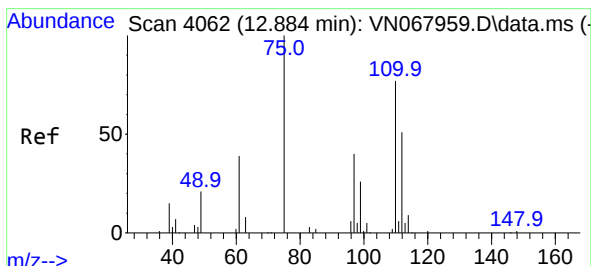
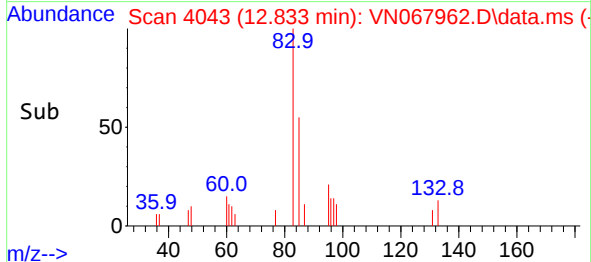
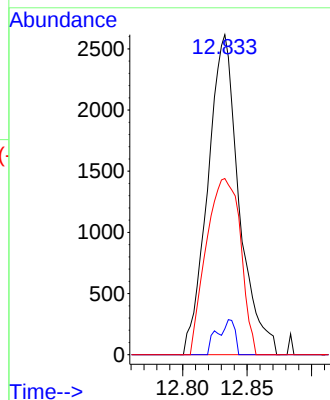
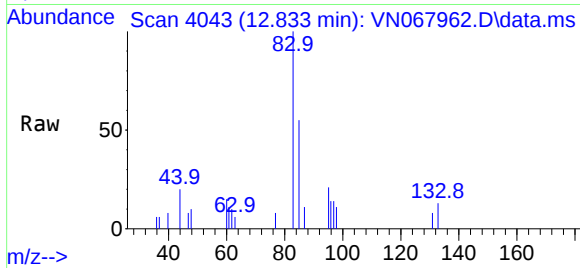




#75
1,1,2,2-Tetrachloroethane
Concen: 0.773 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

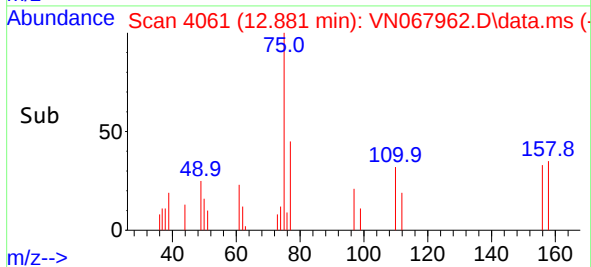
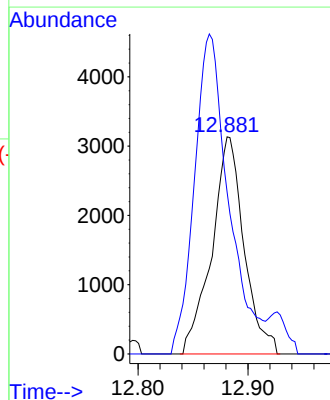
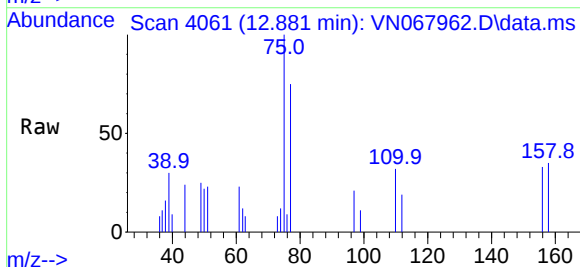
Instrument :
MSVOA_N
ClientSampled :
IBLK

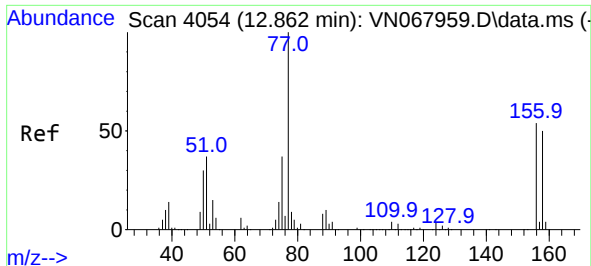
Tgt Ion: 83 Resp: 4418
Ion Ratio Lower Upper
83 100
131 3.6 4.8 14.4#
85 60.0 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 1.370 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 75 Resp: 6378
Ion Ratio Lower Upper
75 100
77 156.8 0.0 0.0#

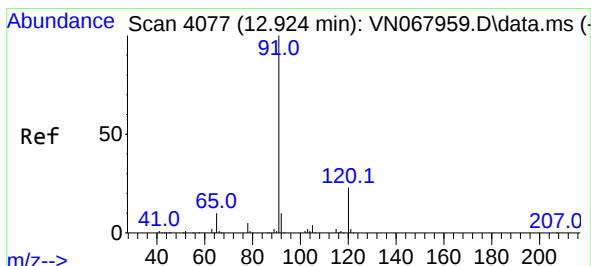
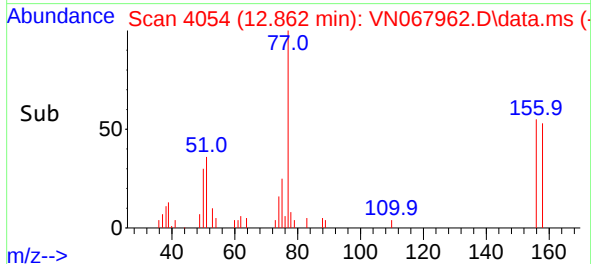
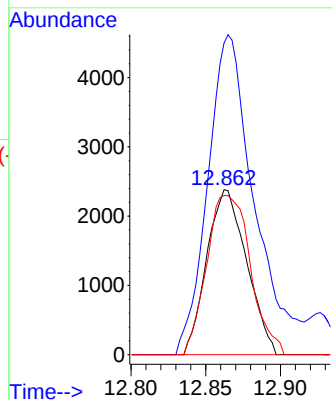
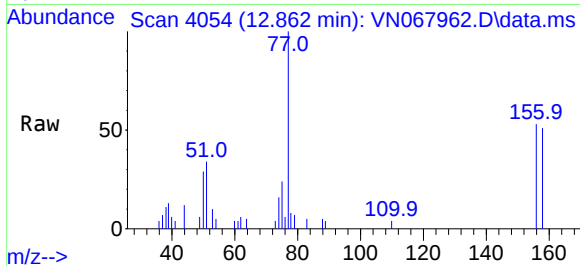




#77
Bromobenzene
Concen: 1.015 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

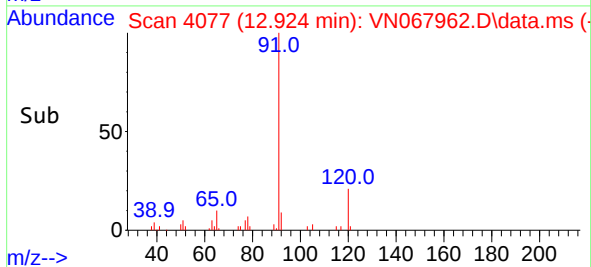
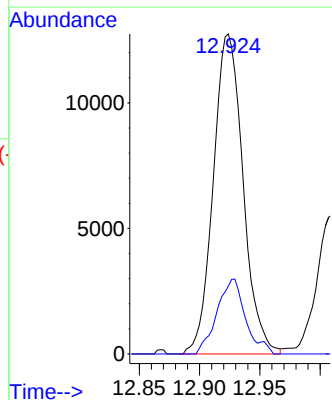
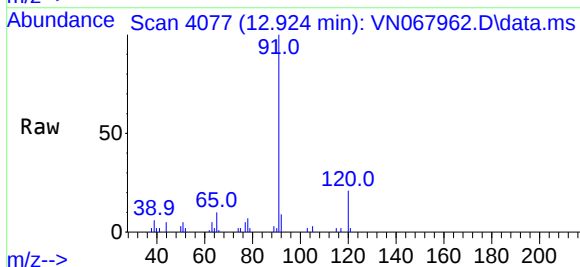
Instrument :
MSVOA_N
ClientSampled :
IBLK

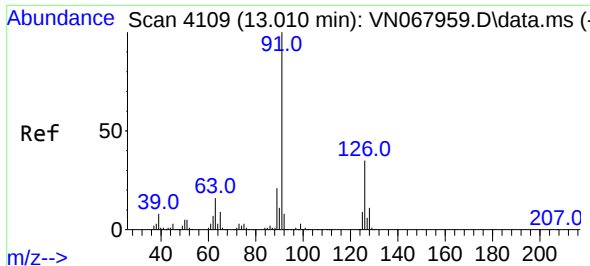
Tgt Ion:156 Resp: 4408
Ion Ratio Lower Upper
156 100
77 226.9 136.2 408.6
158 106.0 48.4 145.3



#78
n-propylbenzene
Concen: 1.026 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 91 Resp: 21890
Ion Ratio Lower Upper
91 100
120 22.3 10.4 31.4

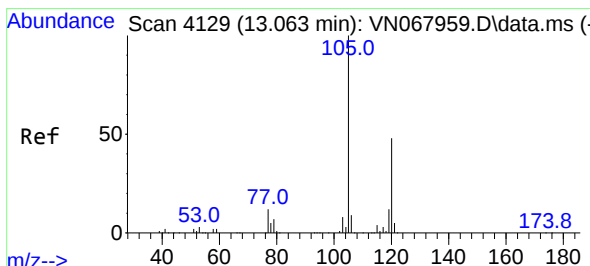
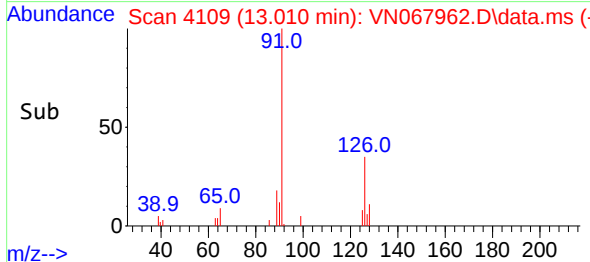
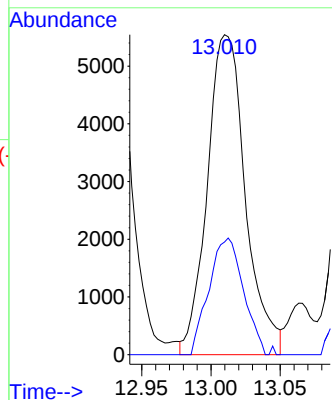
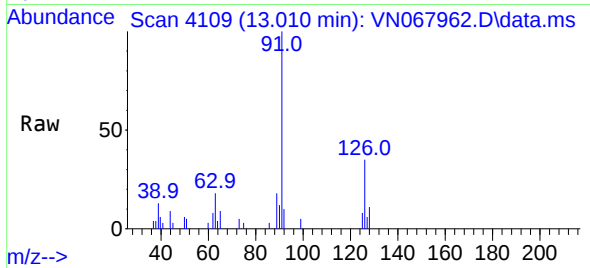




#79
2-Chlorotoluene
Concen: 0.818 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

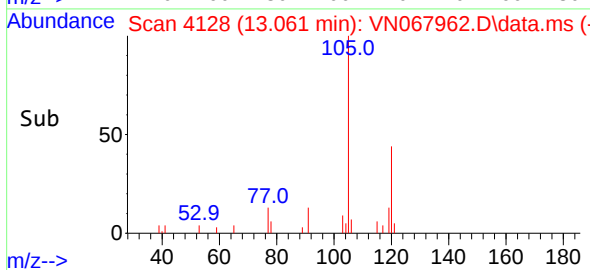
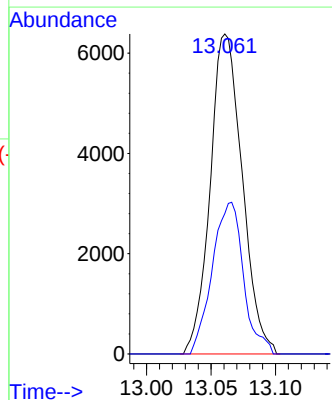
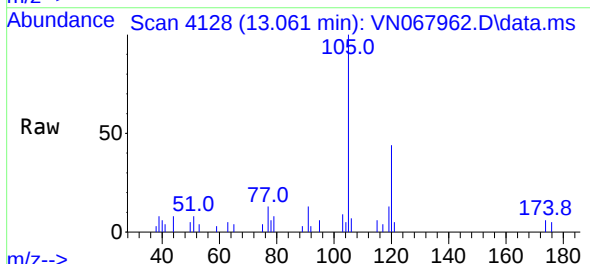
Instrument :
MSVOA_N
ClientSampled :
IBLK

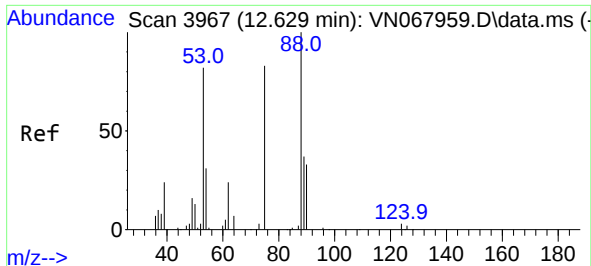
Tgt Ion: 91 Resp: 10638
Ion Ratio Lower Upper
91 100
126 32.9 14.5 43.5



#80
1,3,5-Trimethylbenzene
Concen: 0.720 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.002 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 105 Resp: 11042
Ion Ratio Lower Upper
105 100
120 46.1 22.2 66.6

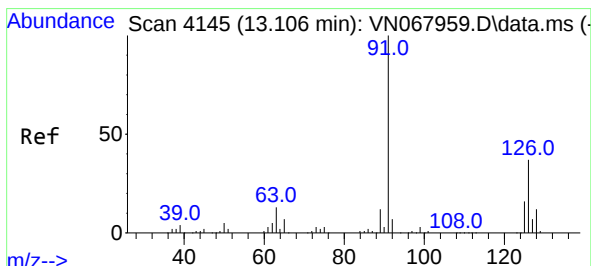
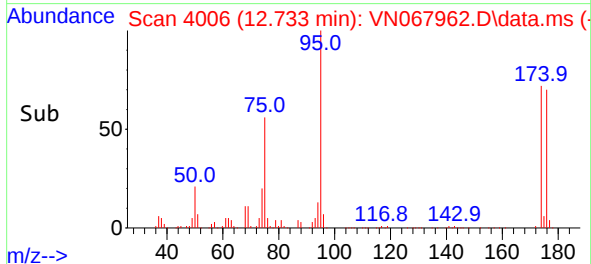
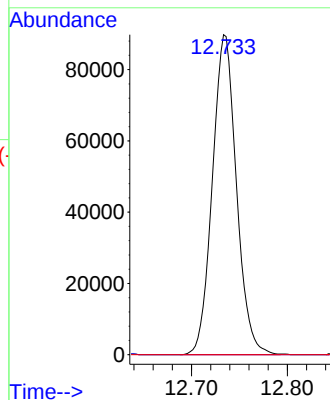
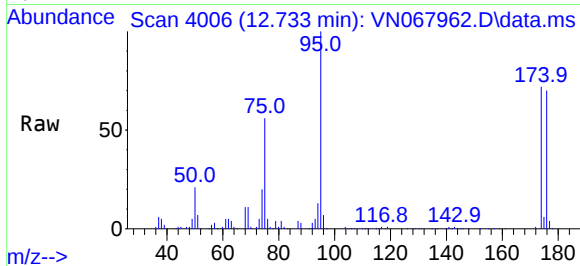




#81
trans-1,4-Dichloro-2-butene
Concen: 90.066 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

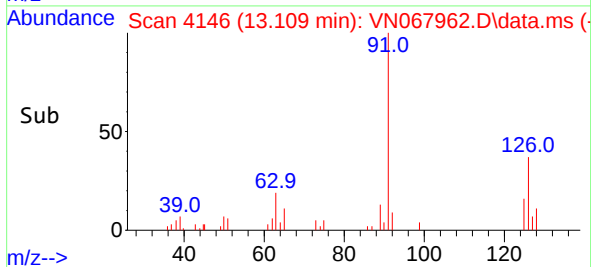
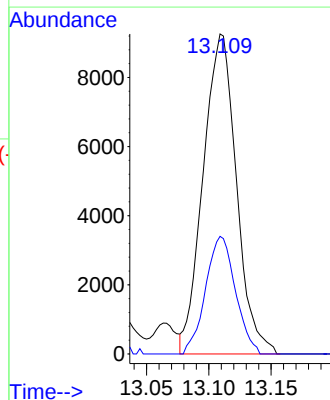
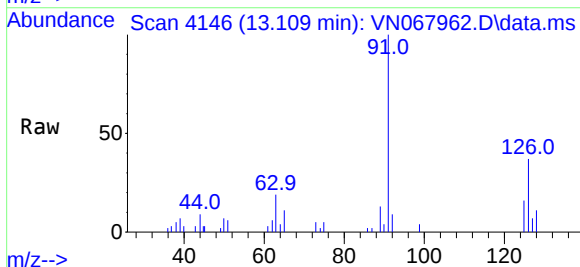
Instrument :
MSVOA_N
ClientSampled :
IBLK

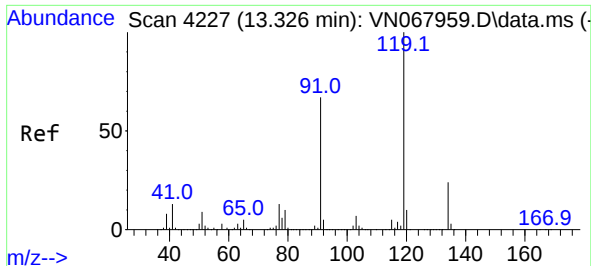
Tgt Ion: 75 Resp: 156340
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 1.316 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 91 Resp: 17187
Ion Ratio Lower Upper
91 100
126 32.9 14.8 44.4

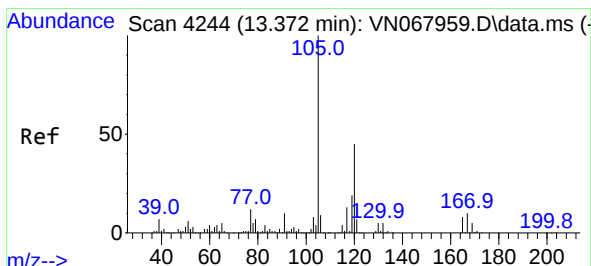
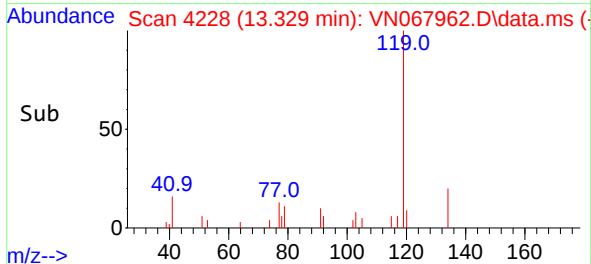
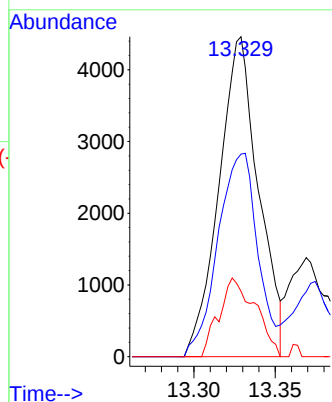
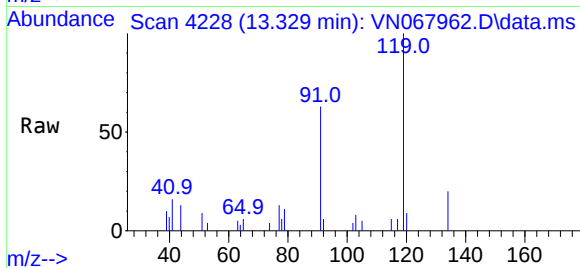




#83
tert-Butylbenzene
Concen: 0.592 ug/l
RT: 13.329 min Scan# 4228
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

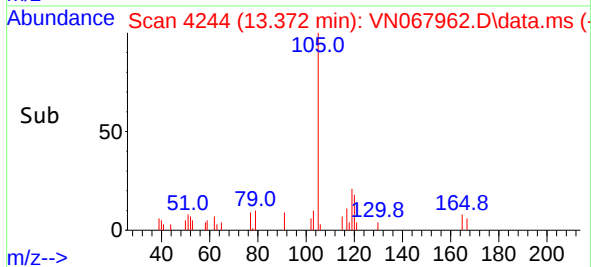
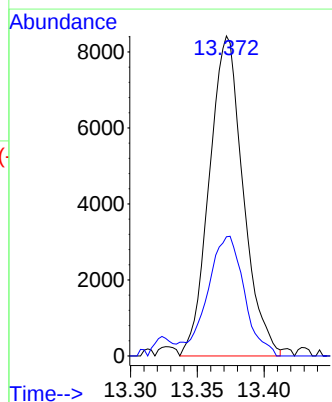
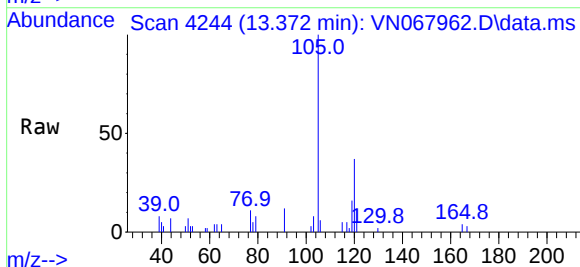
Instrument :
MSVOA_N
ClientSampled :
IBLK

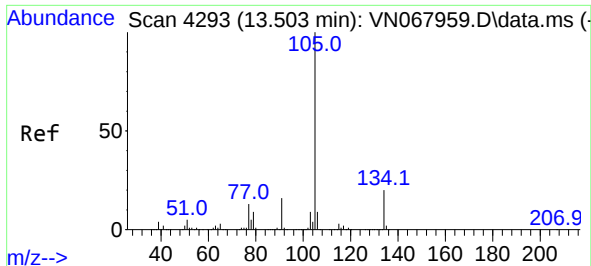
Tgt Ion:119 Resp: 7551
Ion Ratio Lower Upper
119 100
91 63.6 39.5 118.5
134 22.7 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 1.000 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:105 Resp: 14848
Ion Ratio Lower Upper
105 100
120 39.7 20.6 61.8

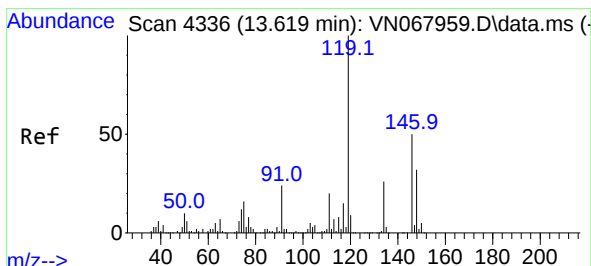
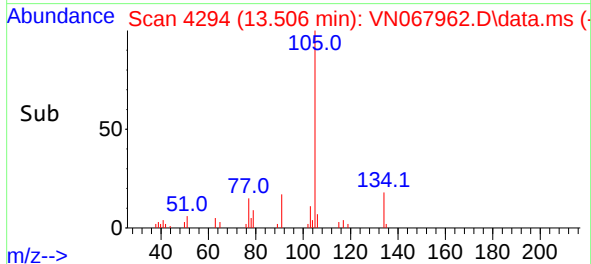
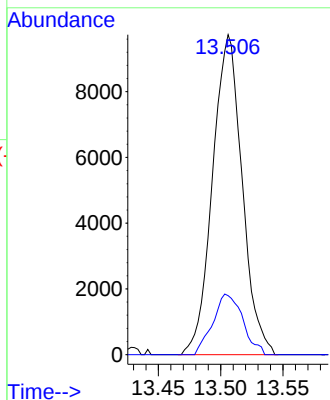
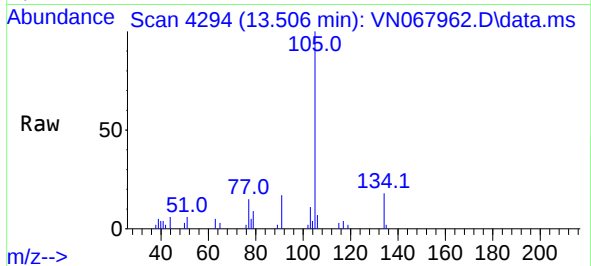




#85
sec-Butylbenzene
Concen: 0.903 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

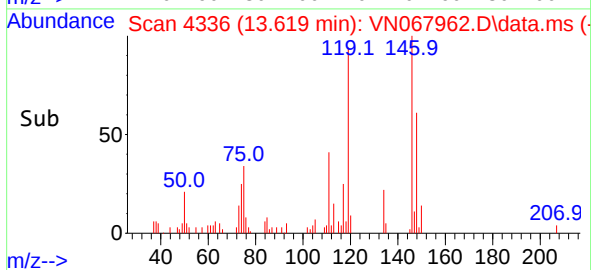
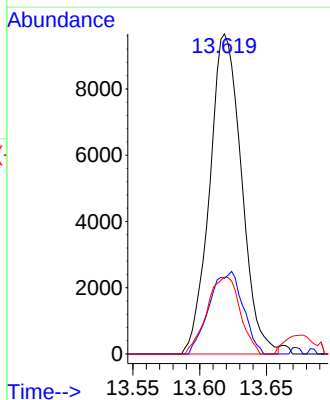
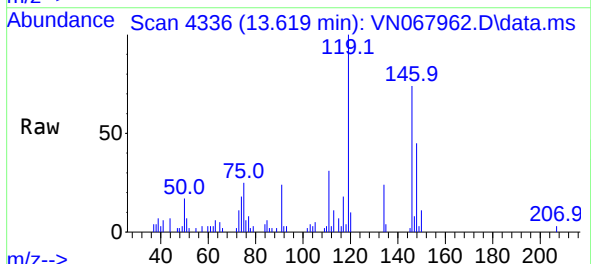
Instrument :
MSVOA_N
ClientSampled :
IBLK

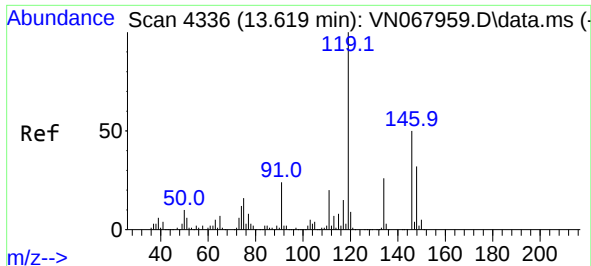
Tgt Ion:105 Resp: 16100
Ion Ratio Lower Upper
105 100
134 19.1 9.0 27.1



#86
p-Isopropyltoluene
Concen: 1.130 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:119 Resp: 16025
Ion Ratio Lower Upper
119 100
134 27.2 12.4 37.4
91 25.0 14.8 44.3



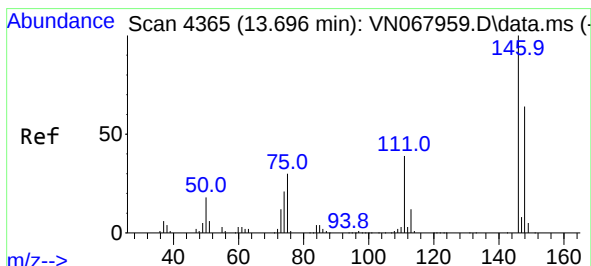
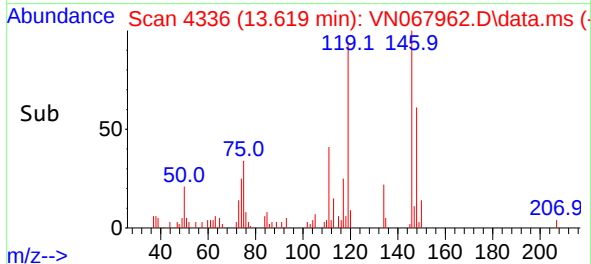
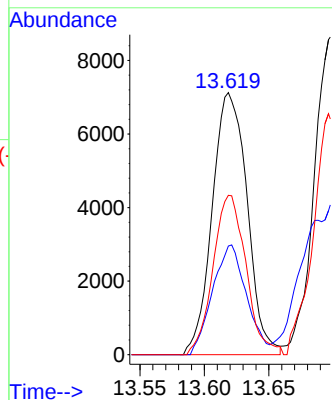
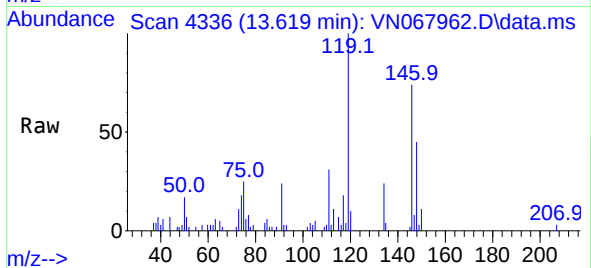


#87

1,3-Dichlorobenzene
Concen: 1.684 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Instrument :
MSVOA_N
ClientSampled :
IBLK

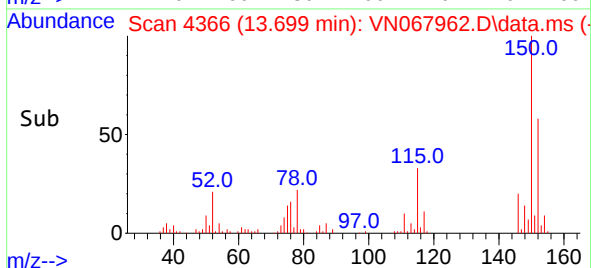
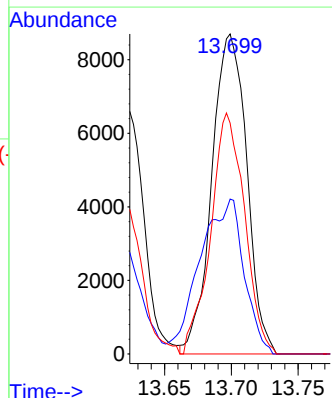
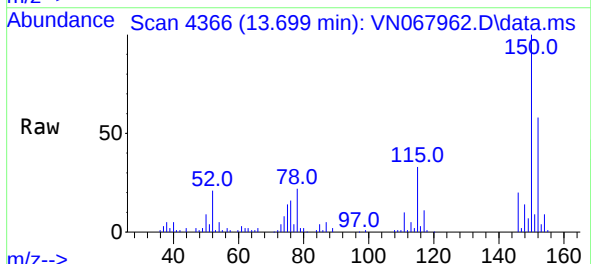
Tgt Ion:	146	Resp:	13433
Ion	Ratio	Lower	Upper
146	100		
111	40.8	24.3	72.8
148	57.4	32.0	96.0

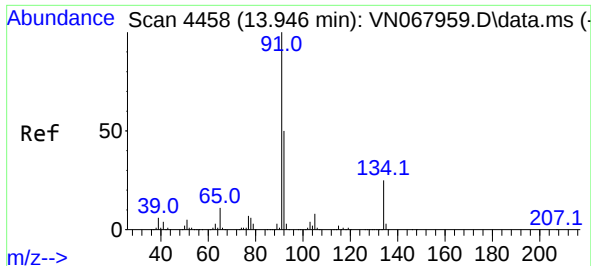


#88

1,4-Dichlorobenzene
Concen: 2.011 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

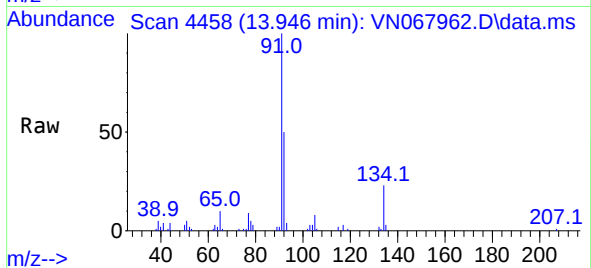
Tgt Ion:	146	Resp:	15839
Ion	Ratio	Lower	Upper
146	100		
111	61.3	23.4	70.2
148	73.0	31.8	95.3



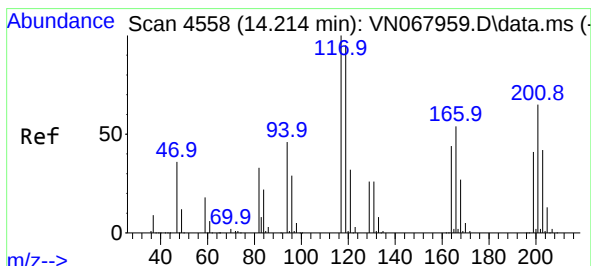
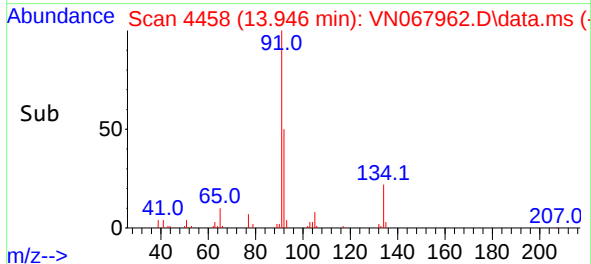
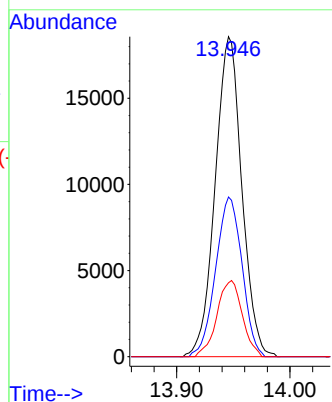


#89
n-Butylbenzene
Concen: 2.495 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Instrument :
MSVOA_N
ClientSampled :
IBLK

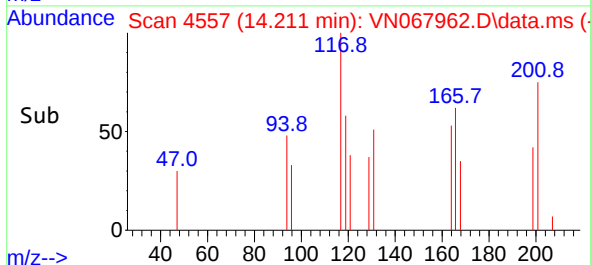
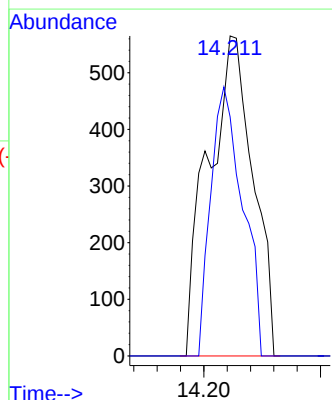
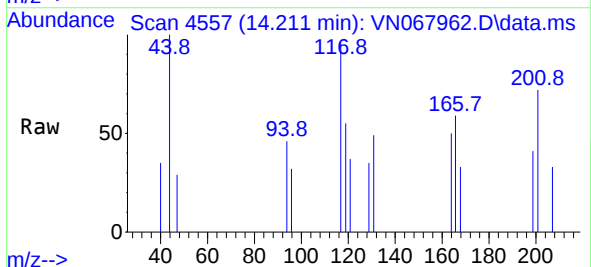


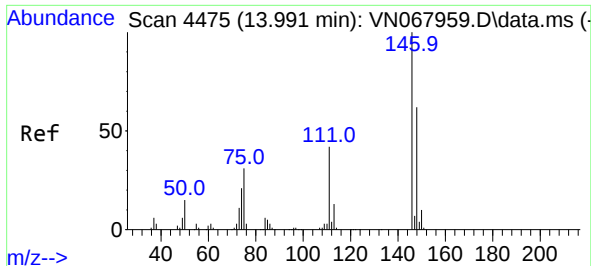
Tgt Ion: 91 Resp: 30345
Ion Ratio Lower Upper
91 100
92 49.5 25.7 77.1
134 22.7 11.2 33.6



#90
Hexachloroethane
Concen: 0.311 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion: 117 Resp: 755
Ion Ratio Lower Upper
117 100
201 59.6 33.5 100.5

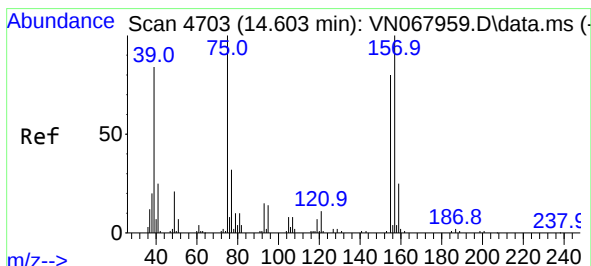
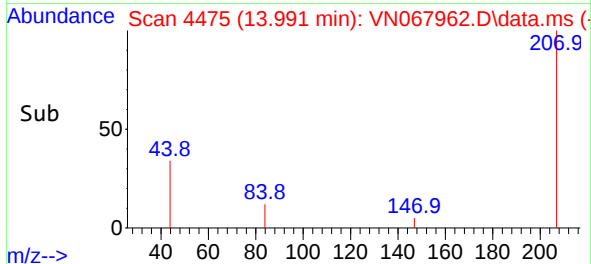
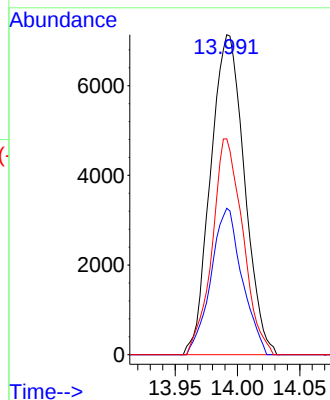
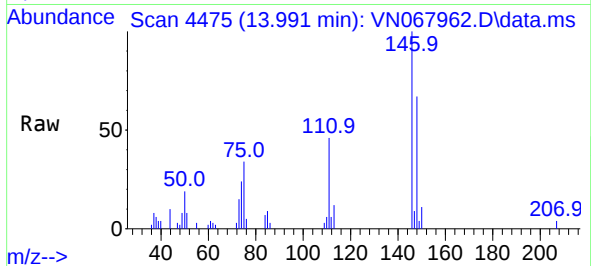




#91
1,2-Dichlorobenzene
Concen: 1.791 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

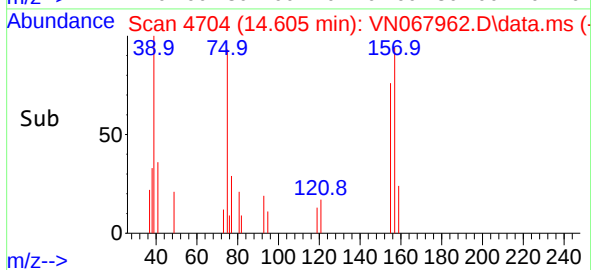
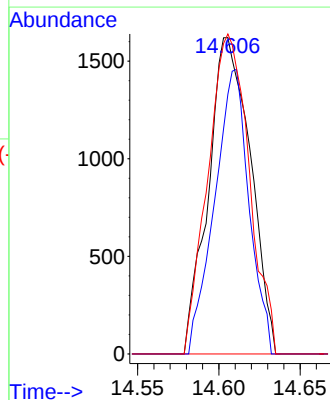
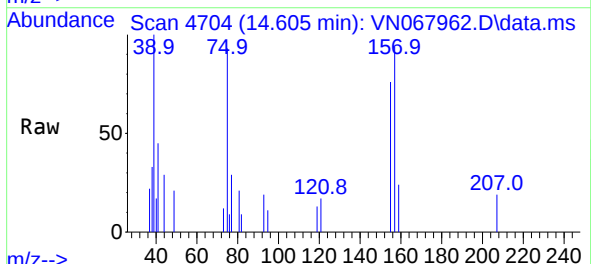
Instrument :
MSVOA_N
ClientSampled :
IBLK

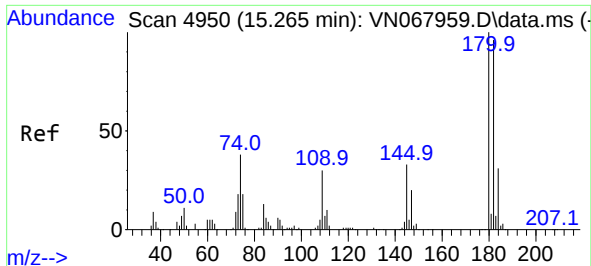
Tgt Ion:	146	Resp:	13450
Ion	Ratio	Lower	Upper
146	100		
111	42.1	24.9	74.6
148	61.3	31.6	95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.197 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.002 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:	75	Resp:	2917
Ion	Ratio	Lower	Upper
75	100		
155	73.8	29.8	89.5
157	99.5	37.6	112.8

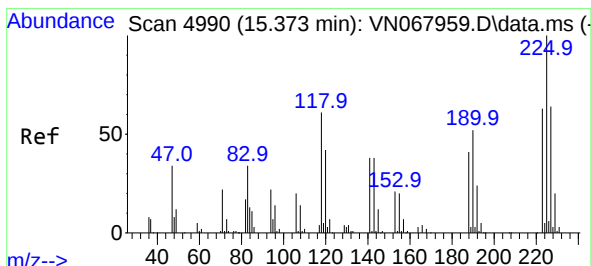
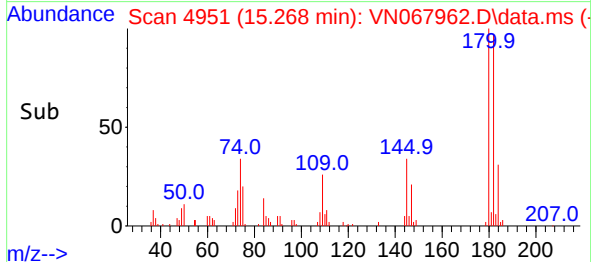
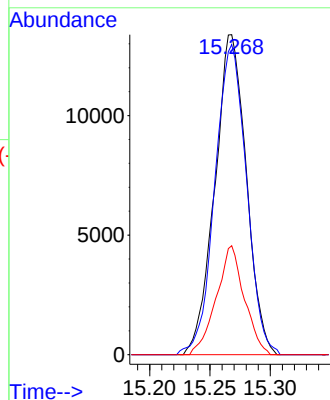
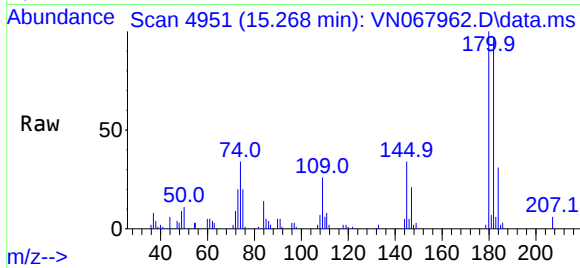




#93
1,2,4-Trichlorobenzene
Concen: 9.334 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

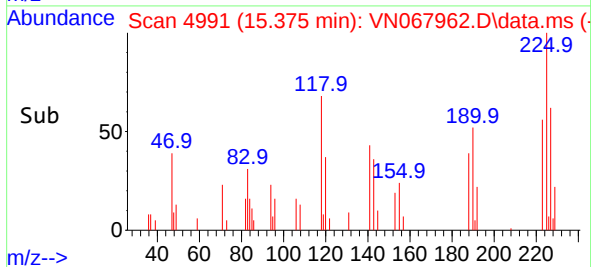
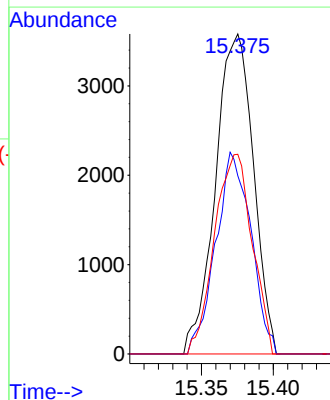
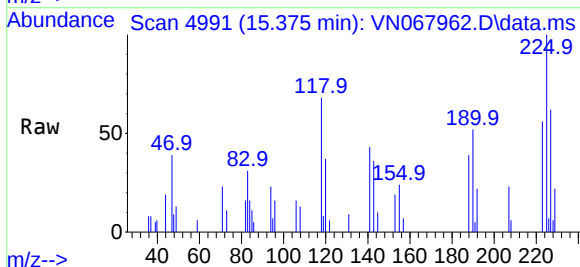
Instrument :
MSVOA_N
ClientSampled :
IBLK

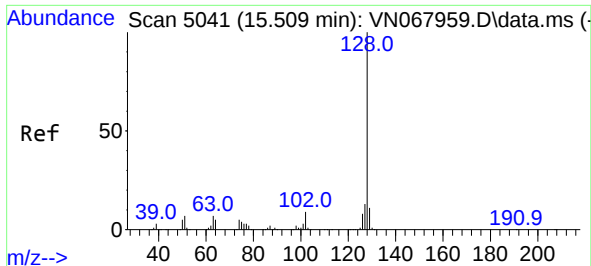
Tgt Ion:	180	Resp:	24313
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.5	142.5
145	30.3	17.2	51.6



#94
Hexachlorobutadiene
Concen: 4.210 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.002 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:	225	Resp:	6570
Ion Ratio	Lower	Upper	
225	100		
223	58.6	31.4	94.0
227	62.0	31.2	93.6

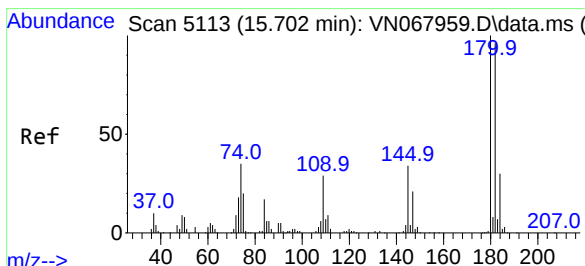
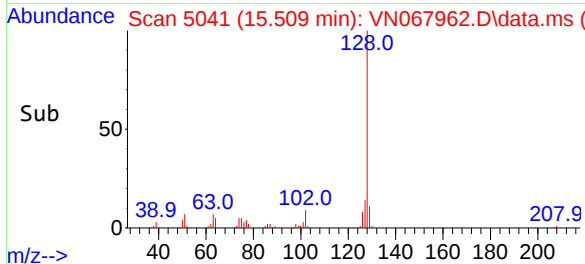
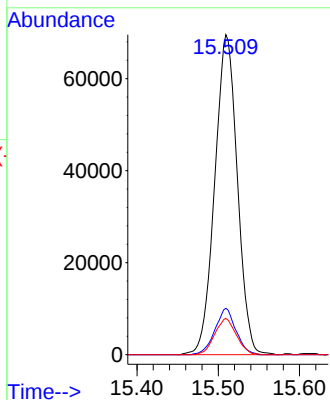
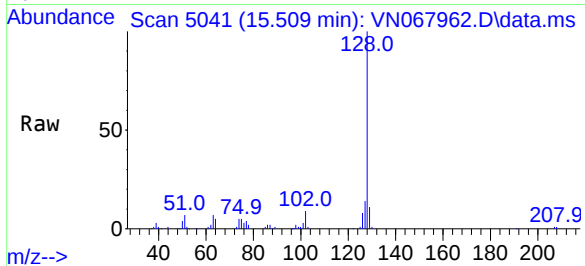




#95
Naphthalene
Concen: 16.152 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:	128	Resp:	134328
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 11.493 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN067962.D
Acq: 29 Jul 2021 12:09

Tgt Ion:	180	Resp:	30509
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	35.2	18.2	54.6

