

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011821\
 Data File : VN065545.D
 Acq On : 18 Jan 2021 14:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 19 01:23:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 18 18:11:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.630	168	200476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	326405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	345145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	149859	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	100633	54.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.68%	
35) Dibromofluoromethane	7.556	113	98948	50.77	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.54%	
50) Toluene-d8	10.061	98	405537	55.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 110.88%	
62) 4-Bromofluorobenzene	12.376	95	155175	56.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 113.06%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.849	85	729	0.46	ug/l #	42
3) Chloromethane	2.052	50	708	0.36	ug/l #	41
4) Vinyl Chloride	2.180	62	751	0.35	ug/l #	42
5) Bromomethane	2.547	94	1580	1.18	ug/l	88
7) Trichlorofluoromethane	3.000	101	1150	0.40	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.727	101	945	0.55	ug/l #	78
10) Methyl Iodide	3.920	142	1610	0.57	ug/l #	50
12) 1,1-Dichloroethene	3.708	96	849	0.47	ug/l #	79
13) Acrolein	3.576	56	1085	13.19	ug/l	87
15) Acrylonitrile	4.965	53	1093	1.43	ug/l #	59
16) Acetone	3.798	43	1147	0.23	ug/l #	43
17) Carbon Disulfide	4.013	76	8431	1.88	ug/l	96
18) Methyl Acetate	4.299	43	987	0.54	ug/l #	62
20) Methylene Chloride	4.512	84	1082	0.54	ug/l #	96
21) trans-1,2-Dichloroethene	4.997	96	971	0.54	ug/l	88
23) Vinyl Acetate	5.865	43	1449	0.36	ug/l #	71
25) 2-Butanone	6.807	43	317	0.34	ug/l #	49
27) cis-1,2-Dichloroethene	6.791	96	638	0.31	ug/l	87
29) Tetrahydrofuran	7.193	42	534	0.86	ug/l #	32
31) Cyclohexane	7.630	56	3930	1.41	ug/l #	1
36) 1,1-Dichloropropene	7.753	75	1358	0.50	ug/l #	84
38) Carbon Tetrachloride	7.630	117	16218	6.04	ug/l #	16
39) Methylcyclohexane	9.045	83	1786	0.56	ug/l	95
40) Benzene	8.003	78	1722	0.20	ug/l	92
42) 1,2-Dichloroethane	8.090	62	597	0.22	ug/l #	73
44) Trichloroethene	8.804	130	1334	0.53	ug/l	87
46) Dibromomethane	9.174	93	429	0.30	ug/l #	74
49) 1,4-Dioxane	9.177	88	30	65.83	ug/l #	26
51) 4-Methyl-2-Pentanone	9.958	43	1285	0.57	ug/l #	81
52) Toluene	10.126	92	1718	0.32	ug/l	99
53) t-1,3-Dichloropropene	10.357	75	994	0.32	ug/l #	72
56) Ethyl methacrylate	10.408	69	131	2.17	ug/l #	27
58) 2-Chloroethyl Vinyl ether	9.666	63	670	0.48	ug/l #	46
59) 2-Hexanone	10.727	43	1587	0.98	ug/l	78
61) 1,2-Dibromoethane	10.978	107	468	0.21	ug/l	100
64) Tetrachloroethene	10.601	164	1782	0.55	ug/l	92

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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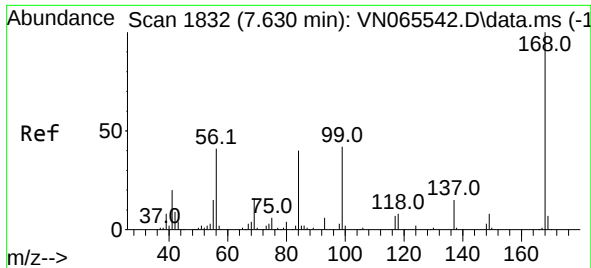
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 18 18:11:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	11.408	112	2745	0.39	ug/l	97
67) Ethyl Benzene	11.482	91	4299	0.37	ug/l	98
68) m/p-Xylenes	11.595	106	3471	0.76	ug/l	99
69) o-Xylene	11.920	106	1208	0.27	ug/l	88
70) Styrene	11.942	104	2402	0.33	ug/l	96
71) Bromoform	12.103	173	389	2.98	ug/l #	29
73) Isopropylbenzene	12.225	105	4366	0.45	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.479	83	829	0.29	ug/l #	88
76) 1,2,3-Trichloropropane	12.376	75	70796	26.08	ug/l #	100
77) Bromobenzene	12.502	156	1608	0.57	ug/l	79
78) n-propylbenzene	12.566	91	6725	0.62	ug/l	96
79) 2-Chlorotoluene	12.646	91	3945	0.59	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	4663	0.57	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.376	75	70796	75.82	ug/l #	15
82) 4-Chlorotoluene	12.749	91	5052	0.74	ug/l	97
83) tert-Butylbenzene	12.968	119	4113	0.57	ug/l	96
84) 1,2,4-Trimethylbenzene	13.016	105	4570	0.55	ug/l	95
85) sec-Butylbenzene	13.145	105	6122	0.66	ug/l	98
86) p-Isopropyltoluene	13.264	119	5518	0.64	ug/l	99
87) 1,3-Dichlorobenzene	13.260	146	4101	0.85	ug/l	94
88) 1,4-Dichlorobenzene	13.260	146	4101	0.83	ug/l	95
89) n-Butylbenzene	13.588	91	6172	0.88	ug/l	93
90) Hexachloroethane	13.849	117	666	0.47	ug/l	90
91) 1,2-Dichlorobenzene	13.630	146	3601	0.74	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.238	75	102	1.83	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.884	180	5207	4.43	ug/l	98
94) Hexachlorobutadiene	14.984	225	4934	2.81	ug/l	98
95) Naphthalene	15.106	128	13388	4.82	ug/l	98
96) 1,2,3-Trichlorobenzene	15.283	180	6159	4.56	ug/l	97

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

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Response via : Initial Calibration

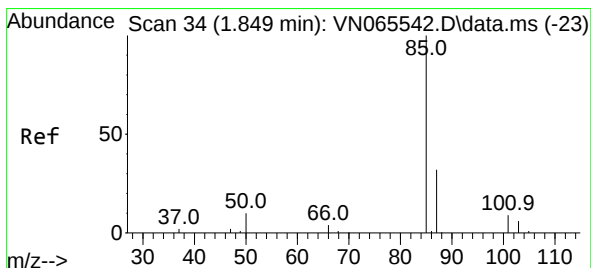
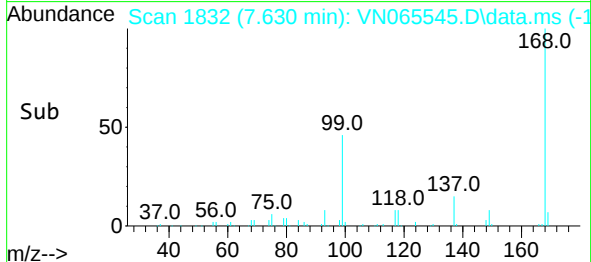
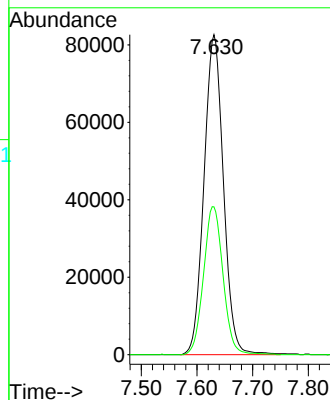
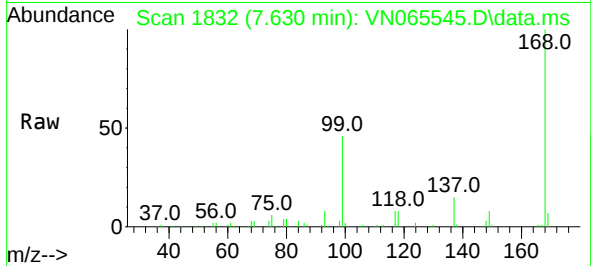




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

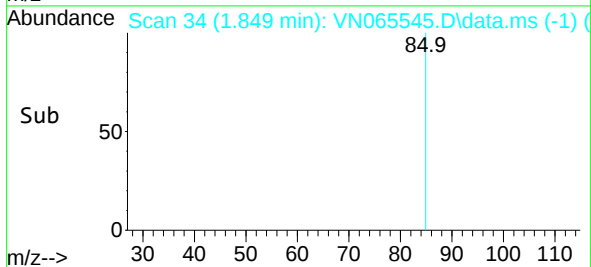
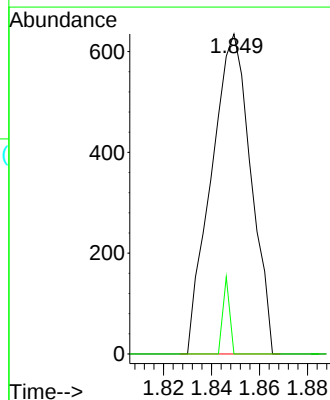
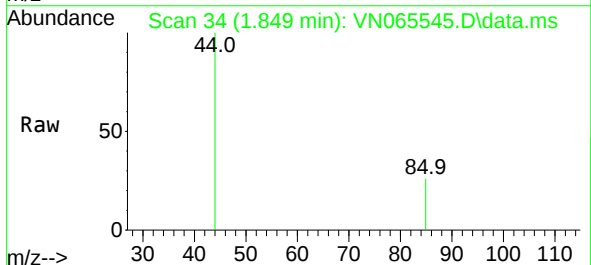
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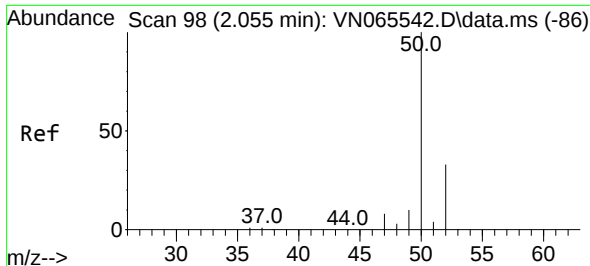
Tgt Ion:168 Resp: 200476
Ion Ratio Lower Upper
168 100
99 46.2 43.0 64.4



#2
Dichlorodifluoromethane
Concen: 0.46 ug/l
RT: 1.849 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 85 Resp: 729
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.4#

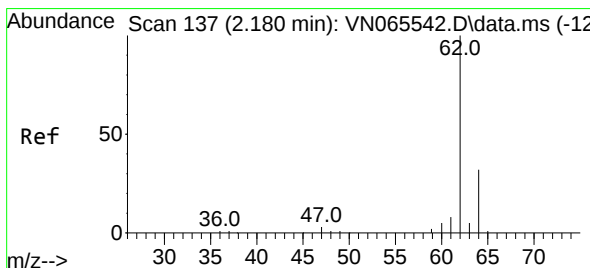
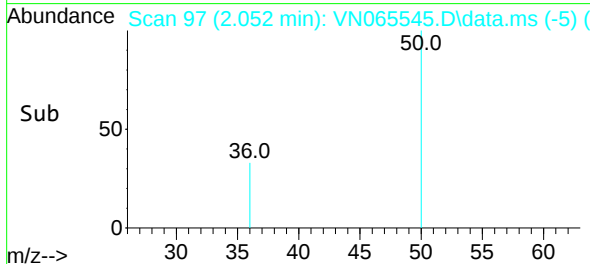
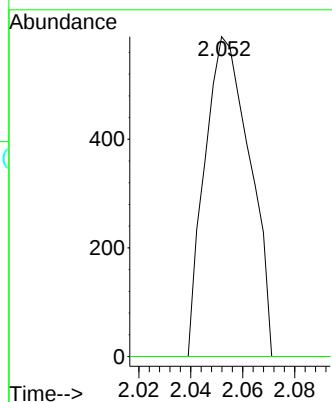
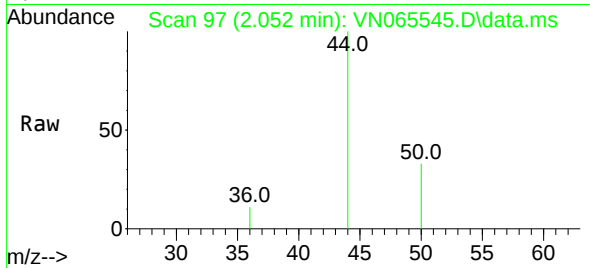




#3
Chloromethane
Concen: 0.36 ug/l
RT: 2.052 min Scan# 97
Delta R.T. -0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

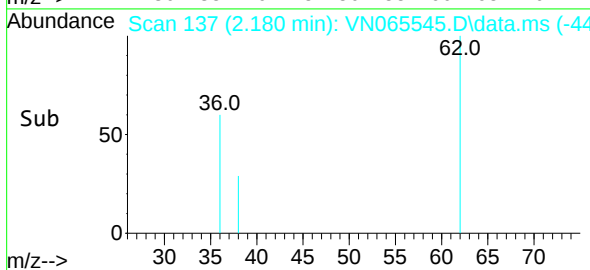
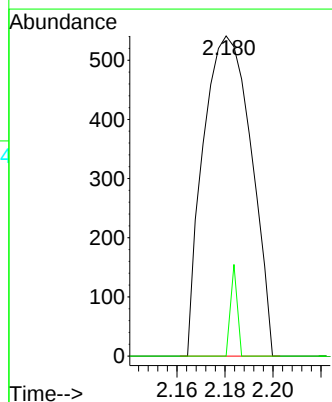
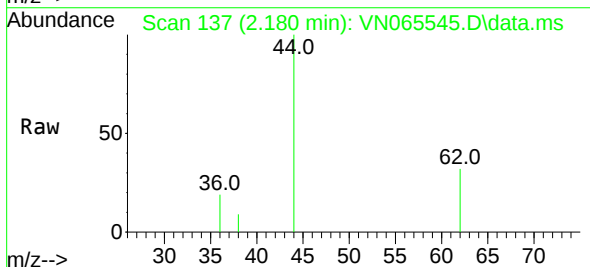
Instrument :
MSVOA_N
ClientSampled :
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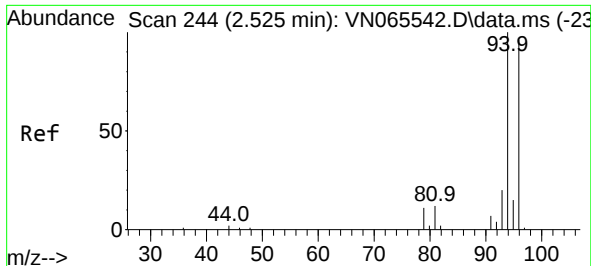
Tgt Ion: 50 Resp: 708
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#



#4
Vinyl Chloride
Concen: 0.35 ug/l
RT: 2.180 min Scan# 137
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 62 Resp: 751
Ion Ratio Lower Upper
62 100
64 0.0 26.5 39.7#

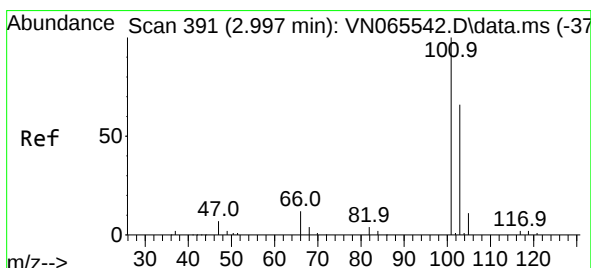
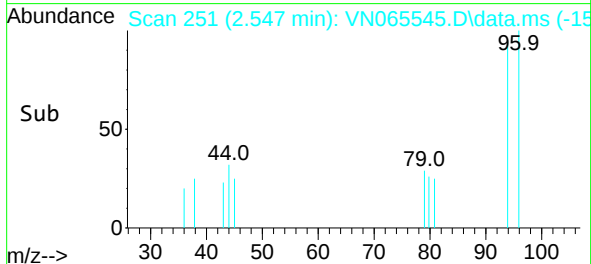
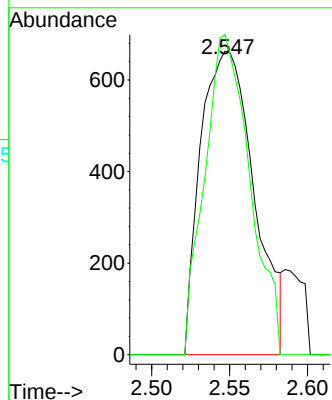
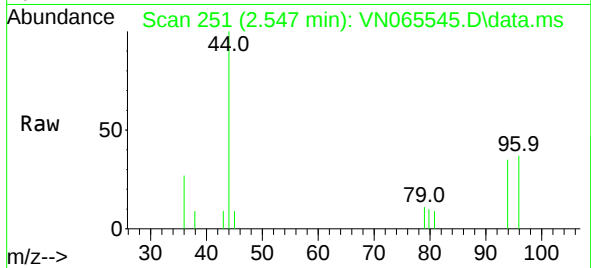




#5
Bromomethane
Concen: 1.18 ug/l
RT: 2.547 min Scan# 251
Delta R.T. 0.022 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

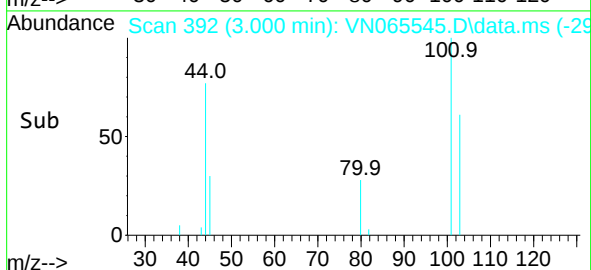
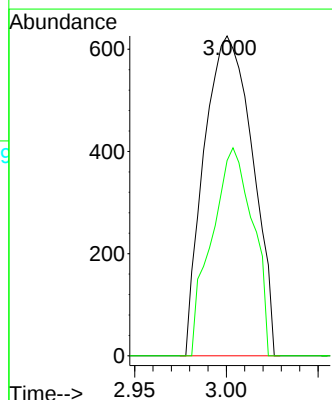
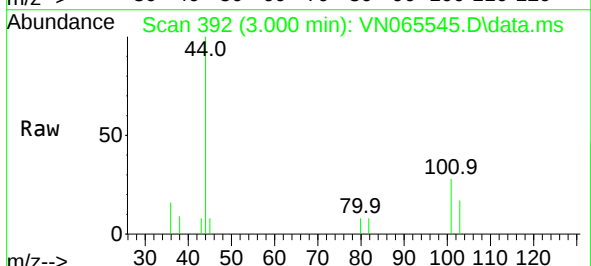
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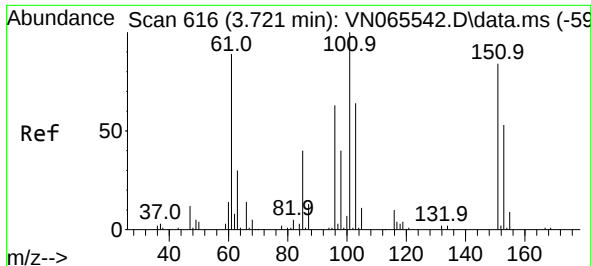
Tgt Ion: 94 Resp: 1580
Ion Ratio Lower Upper
94 100
96 105.4 75.4 113.0



#7
Trichlorofluoromethane
Concen: 0.40 ug/l
RT: 3.000 min Scan# 392
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion:101 Resp: 1150
Ion Ratio Lower Upper
101 100
103 61.0 50.5 75.7

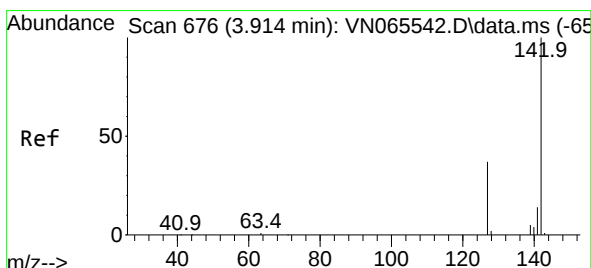
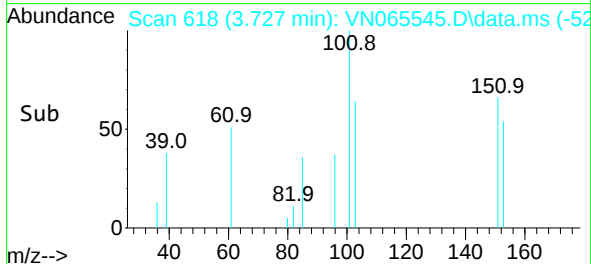
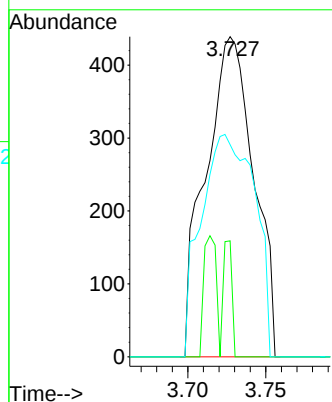
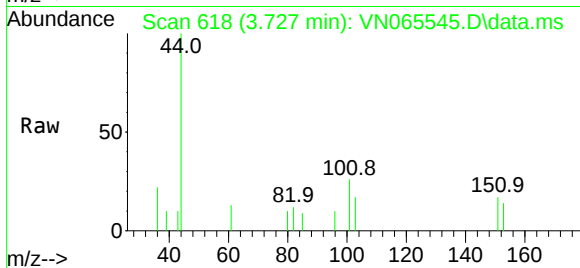




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.55 ug/l
RT: 3.727 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

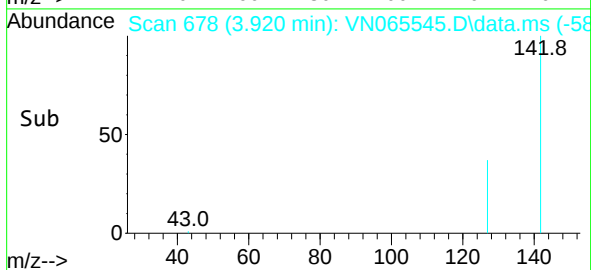
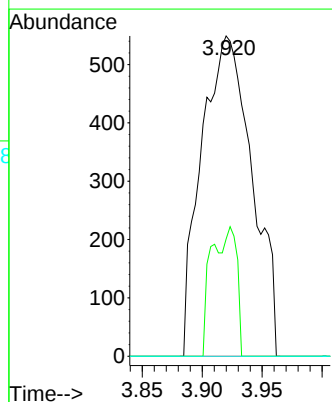
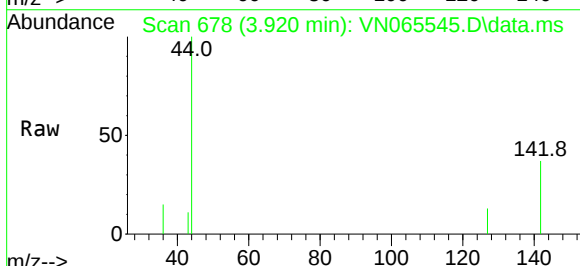
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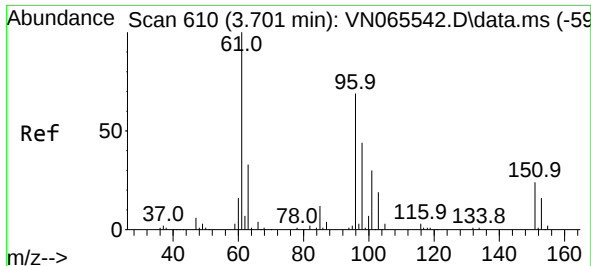
Tgt Ion:101 Resp: 945
Ion Ratio Lower Upper
101 100
85 6.5 34.4 51.6#
151 77.5 64.0 96.0



#10
Methyl Iodide
Concen: 0.57 ug/l
RT: 3.920 min Scan# 678
Delta R.T. 0.006 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion:142 Resp: 1610
Ion Ratio Lower Upper
142 100
127 8.6 35.0 52.6#
141 0.0 11.8 17.6#

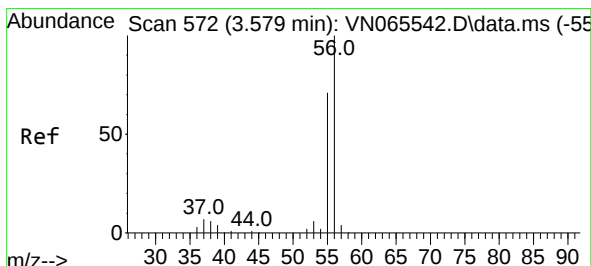
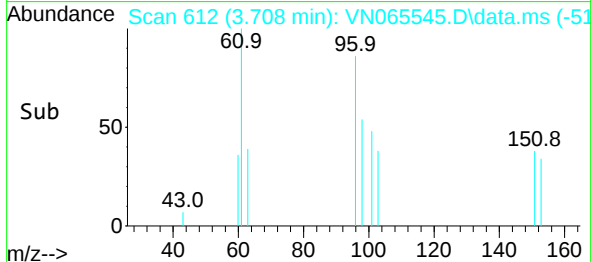
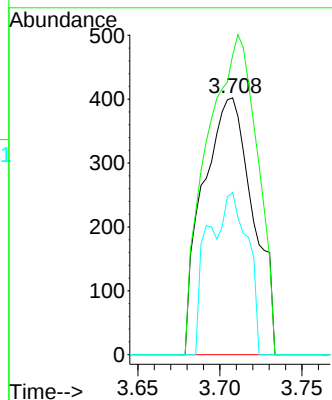
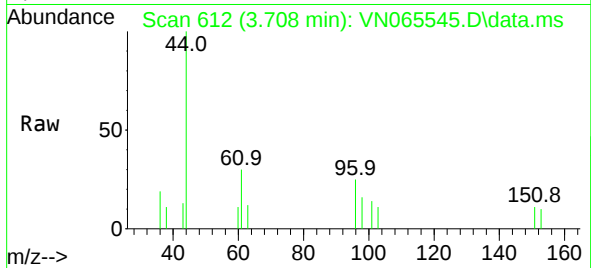




#12
1,1-Dichloroethene
Concen: 0.47 ug/l
RT: 3.708 min Scan# 612
Delta R.T. 0.007 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

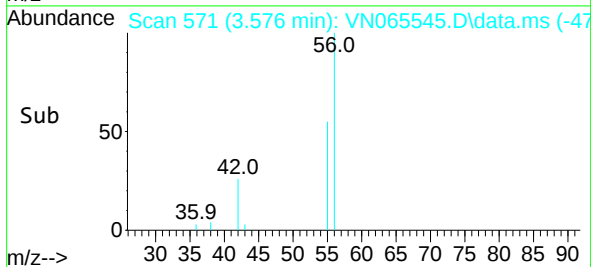
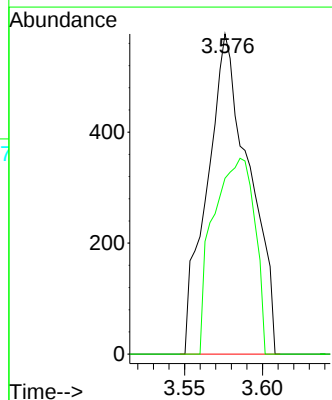
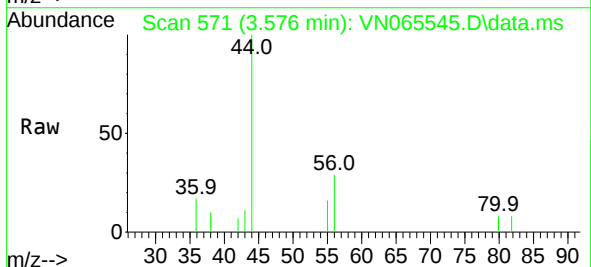
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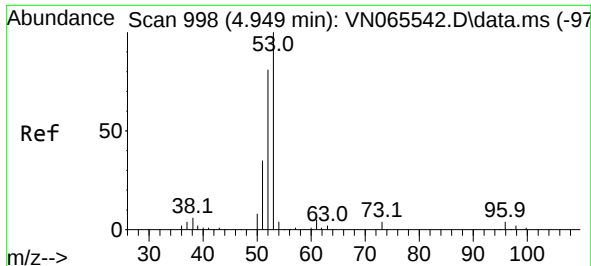
Tgt Ion: 96 Resp: 849
Ion Ratio Lower Upper
96 100
61 116.7 123.4 185.2#
98 63.2 49.8 74.8



#13
Acrolein
Concen: 13.19 ug/l
RT: 3.576 min Scan# 571
Delta R.T. -0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 56 Resp: 1085
Ion Ratio Lower Upper
56 100
55 59.9 56.5 84.7

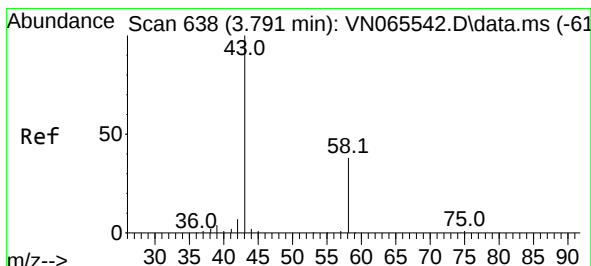
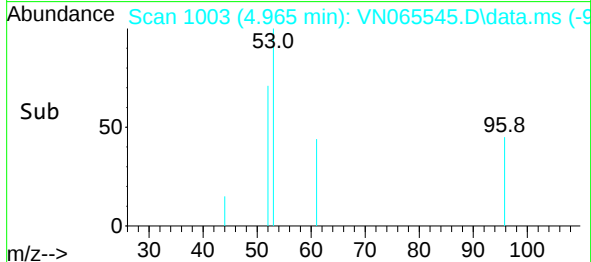
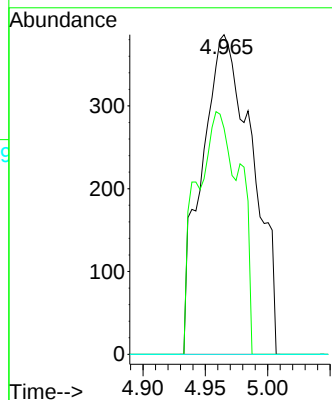
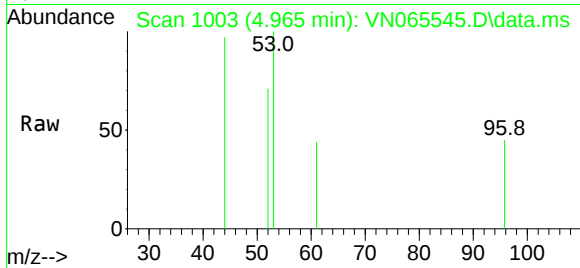




#15
Acrylonitrile
Concen: 1.43 ug/l
RT: 4.965 min Scan# 1003
Delta R.T. 0.016 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

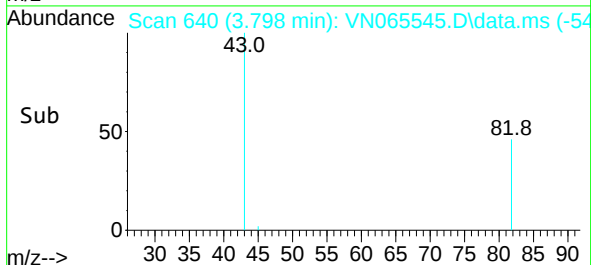
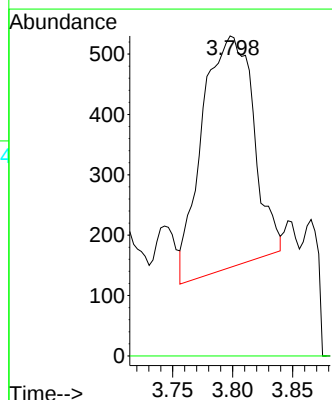
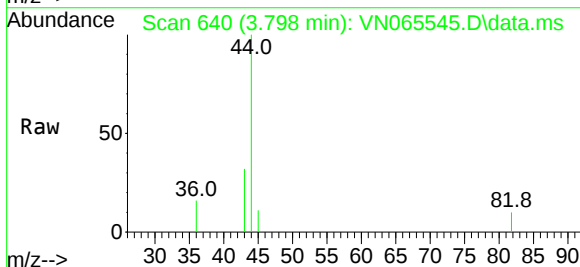
Instrument :
MSVOA_N
ClientSampleId :
IBLK

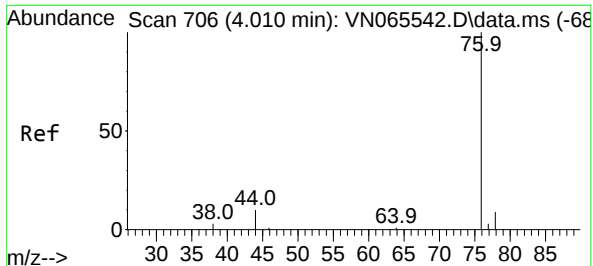
Tgt Ion: 53 Resp: 1093
Ion Ratio Lower Upper
53 100
52 53.7 65.5 98.3#
51 0.0 28.6 43.0#



#16
Acetone
Concen: 0.23 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.007 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#

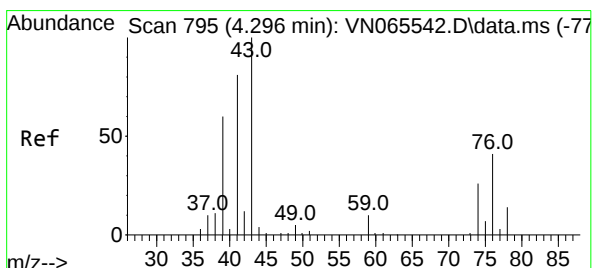
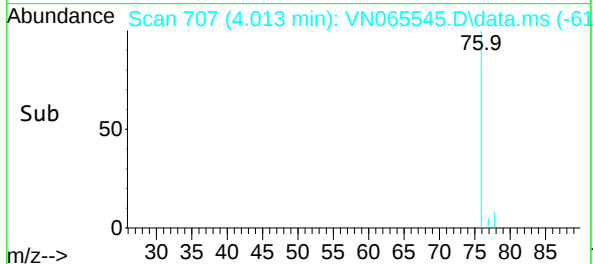
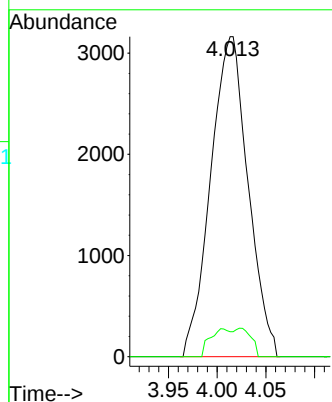
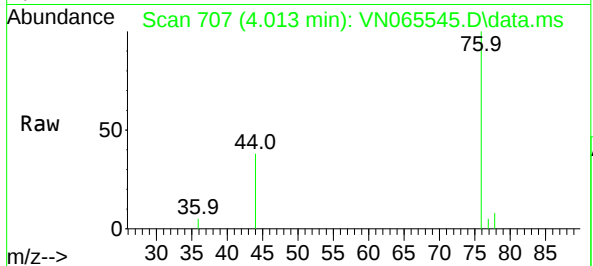




#17
Carbon Disulfide
Concen: 1.88 ug/l
RT: 4.013 min Scan# 707
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

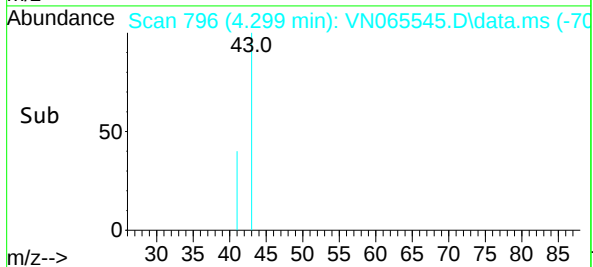
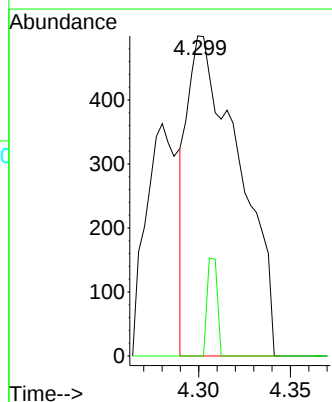
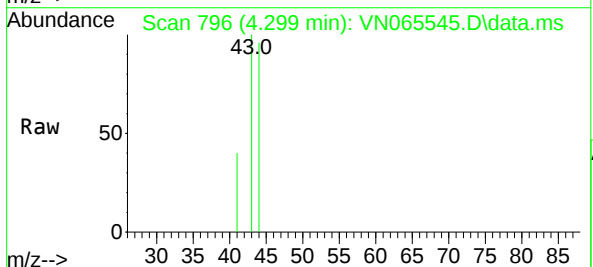
Instrument :
MSVOA_N
ClientSampleId :
IBLK

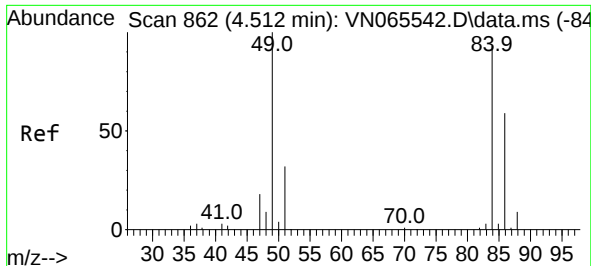
Tgt Ion: 76 Resp: 8431
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0



#18
Methyl Acetate
Concen: 0.54 ug/l
RT: 4.299 min Scan# 796
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

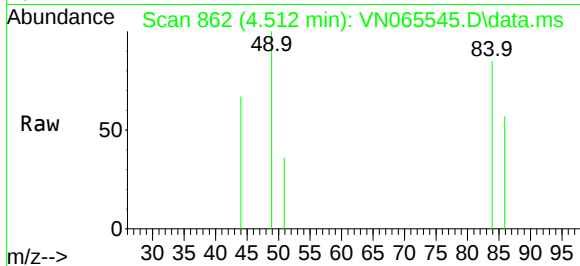
Tgt Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
74 6.0 20.2 30.2#



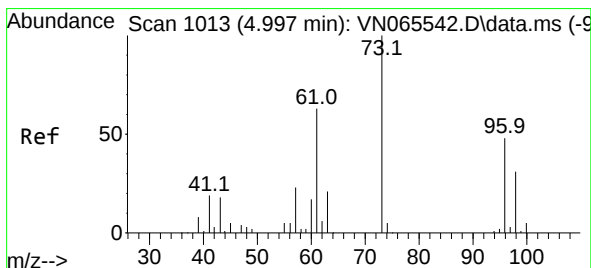
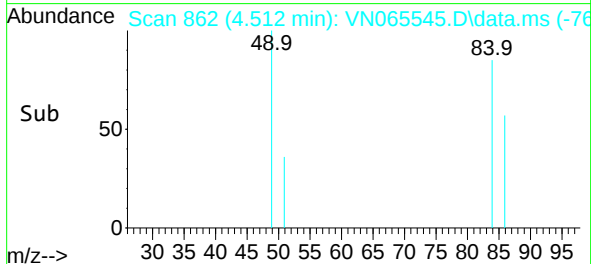
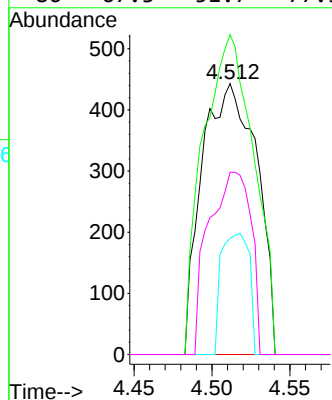


#20
Methylene Chloride
Concen: 0.54 ug/l
RT: 4.512 min Scan# 862
Delta R.T. -0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

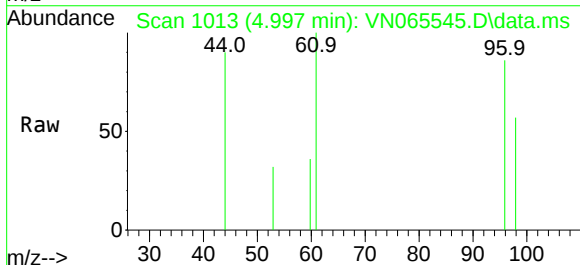
Instrument :
MSVOA_N
ClientSampleId :
IBLK



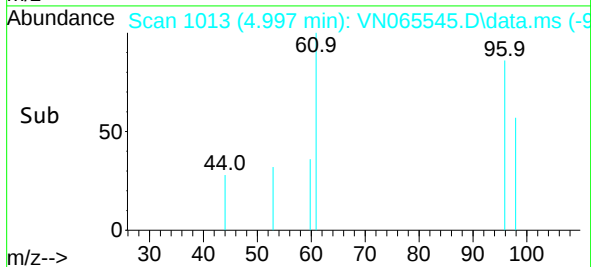
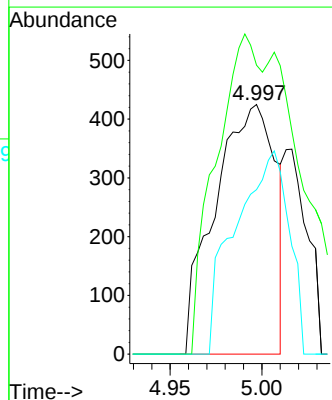
Tgt Ion:	84	Resp:	1082
Ion	Ratio	Lower	Upper
84	100		
49	118.1	93.4	140.0
51	42.9	28.2	42.4#
86	67.3	51.7	77.5

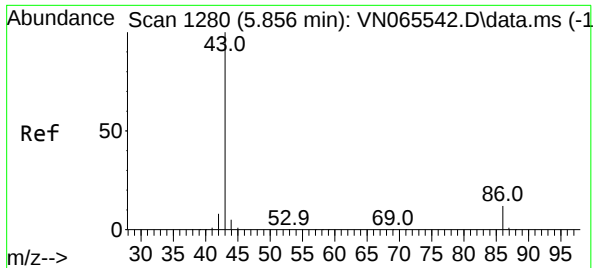


#21
trans-1,2-Dichloroethene
Concen: 0.54 ug/l
RT: 4.997 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47



Tgt Ion:	96	Resp:	971
Ion	Ratio	Lower	Upper
96	100		
61	115.8	108.4	162.6
98	65.9	51.3	76.9

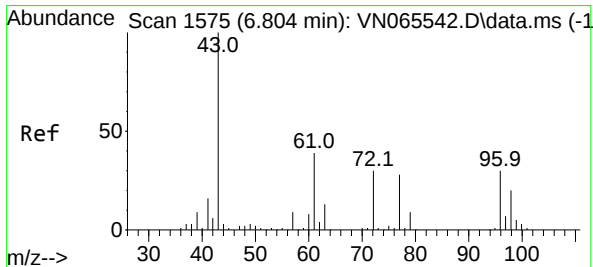
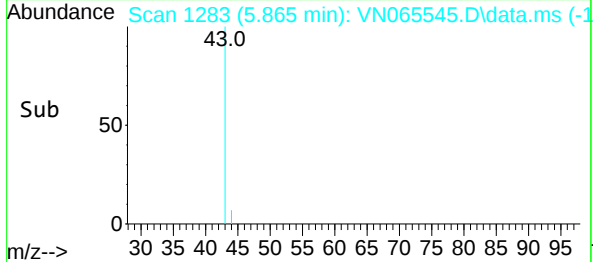
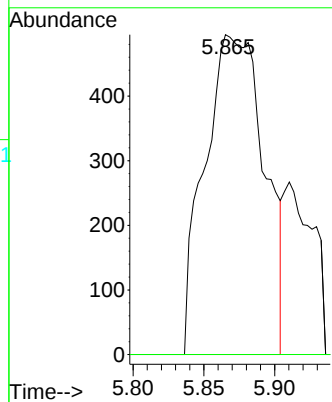
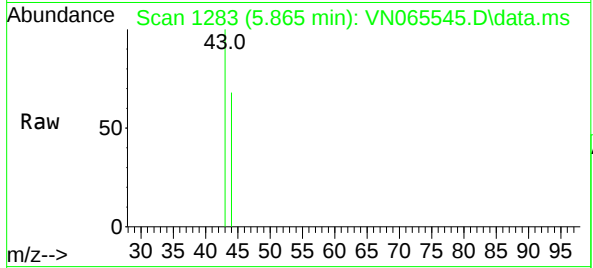




#23
 Vinyl Acetate
 Concen: 0.36 ug/l
 RT: 5.865 min Scan# 1283
 Delta R.T. 0.009 min
 Lab File: VN065545.D
 Acq: 18 Jan 2021 14:47

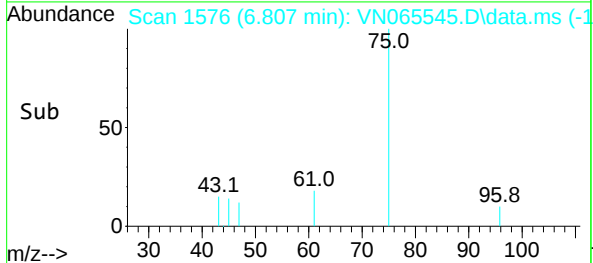
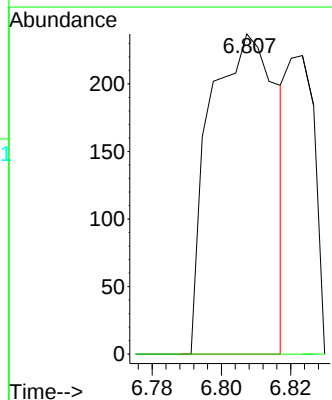
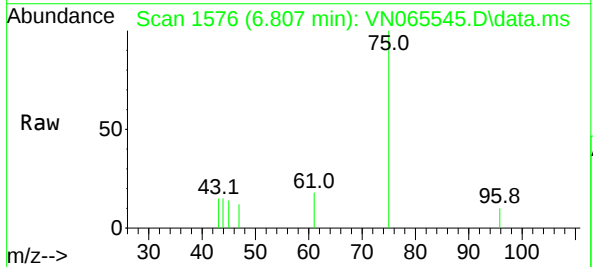
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

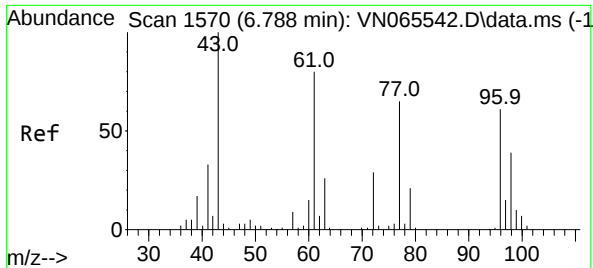
Tgt Ion: 43 Resp: 1449
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.9 13.3#



#25
 2-Butanone
 Concen: 0.34 ug/l
 RT: 6.807 min Scan# 1576
 Delta R.T. 0.003 min
 Lab File: VN065545.D
 Acq: 18 Jan 2021 14:47

Tgt Ion: 43 Resp: 317
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.0 31.6#



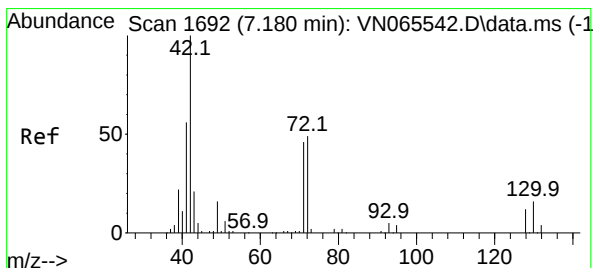
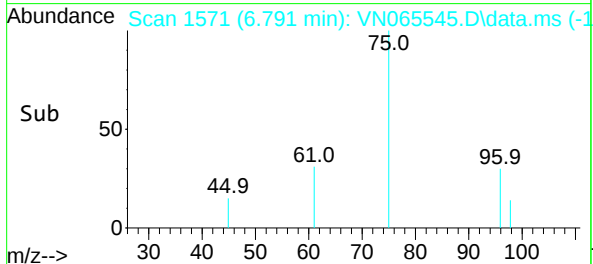
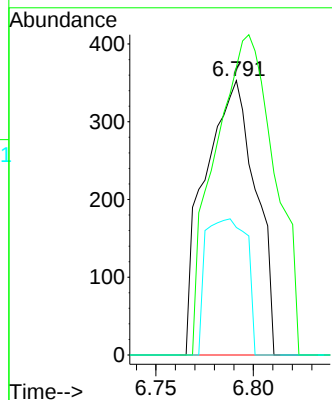
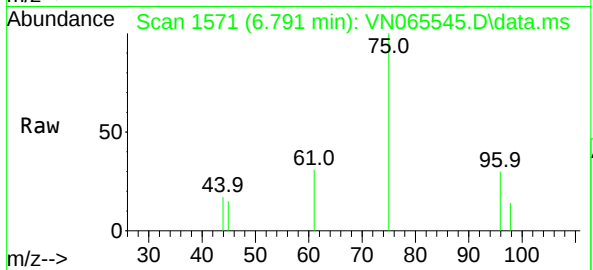


#27

cis-1,2-Dichloroethene
Concen: 0.31 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Instrument :
MSVOA_N
ClientSampled :
IBLK

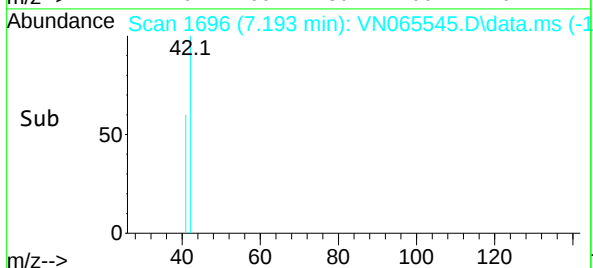
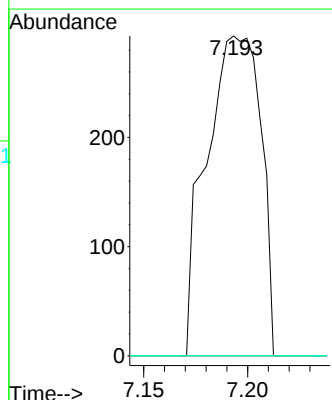
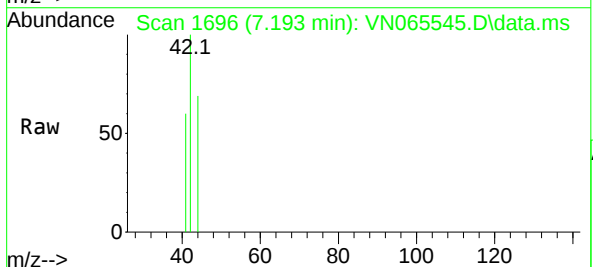
Tgt Ion:	96	Resp:	638
Ion	Ratio	Lower	Upper
96	100		
61	137.8	0.0	285.8
98	40.0	0.0	130.6

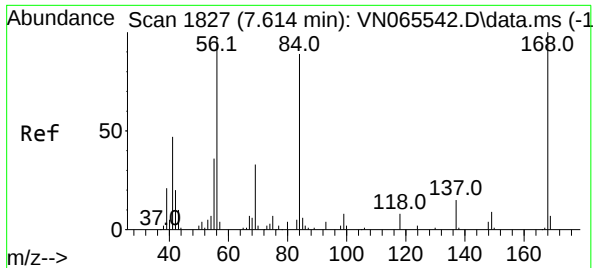


#29

Tetrahydrofuran
Concen: 0.86 ug/l
RT: 7.193 min Scan# 1696
Delta R.T. 0.013 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion:	42	Resp:	534
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#

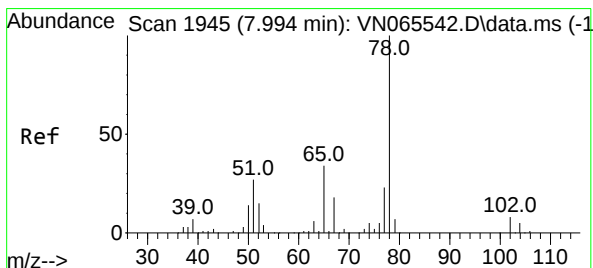
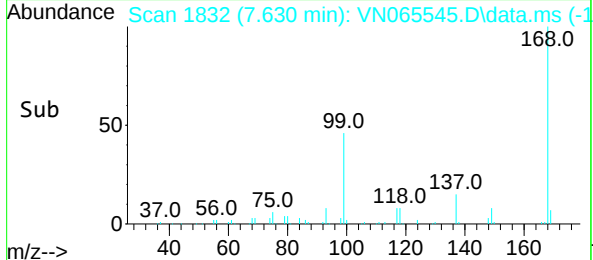
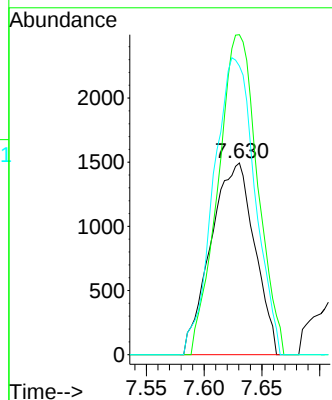
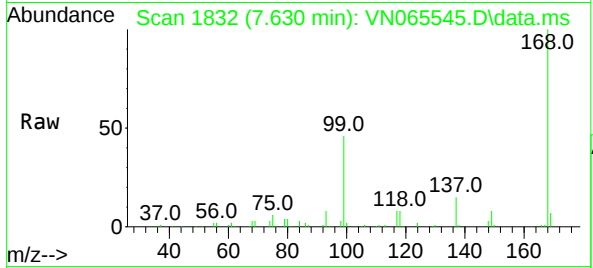




#31
Cyclohexane
Concen: 1.41 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.016 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

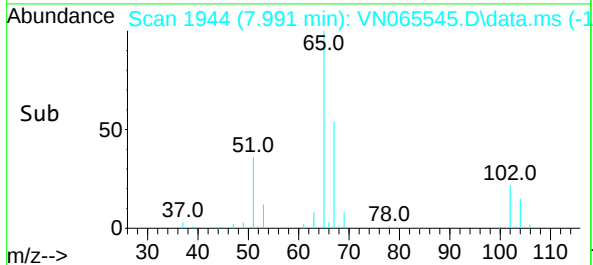
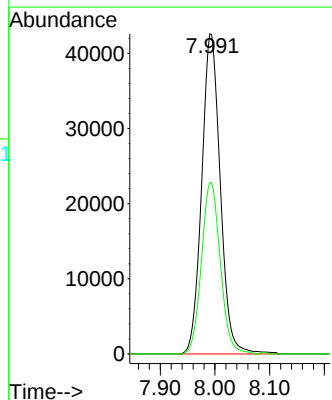
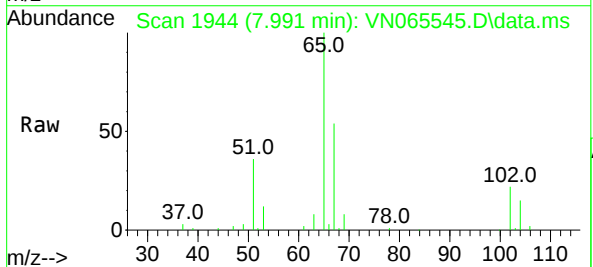
Instrument :
MSVOA_N
ClientSampleId :
IBLK

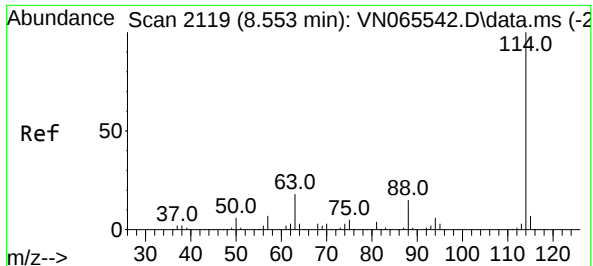
Tgt Ion: 56 Resp: 3930
Ion Ratio Lower Upper
56 100
69 166.9 27.5 41.3#
84 150.6 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 54.34 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 65 Resp: 100633
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.2

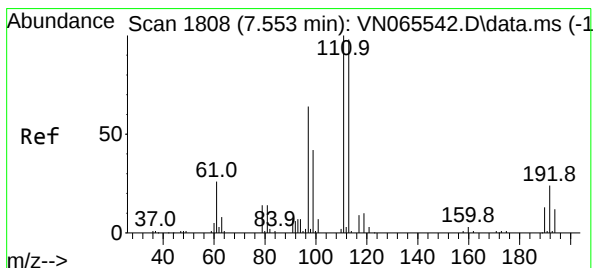
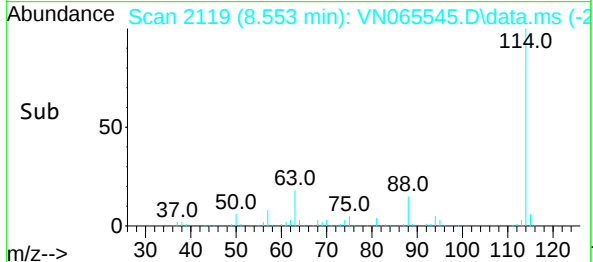
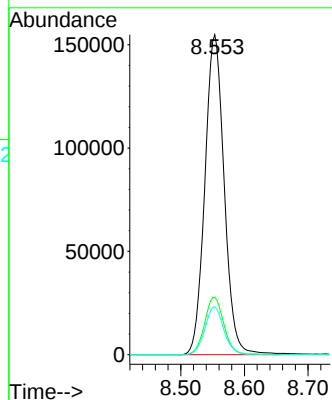
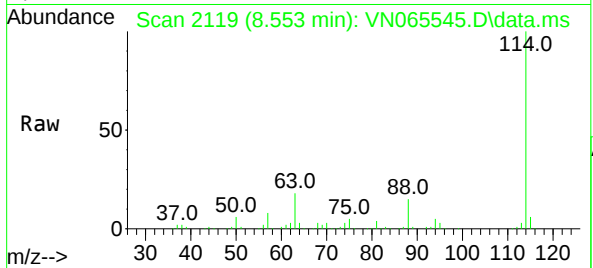




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

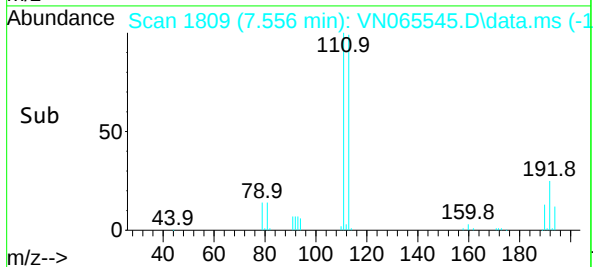
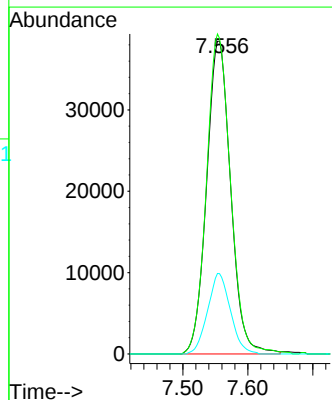
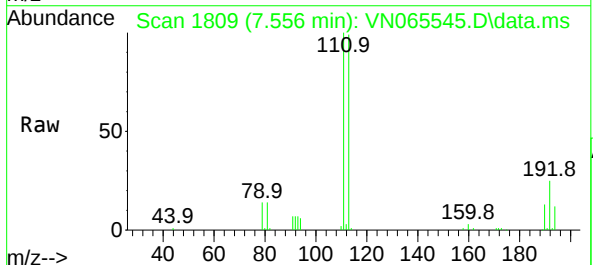
Instrument :
MSVOA_N
ClientSampleId :
IBLK

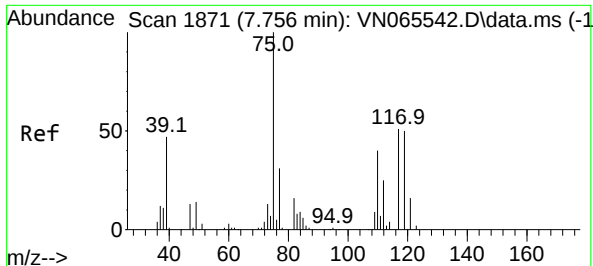
Tgt Ion:114 Resp: 326405
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.6
88 14.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.77 ug/l
RT: 7.556 min Scan# 1809
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion:113 Resp: 98948
Ion Ratio Lower Upper
113 100
111 102.1 81.6 122.4
192 24.4 16.2 24.2#



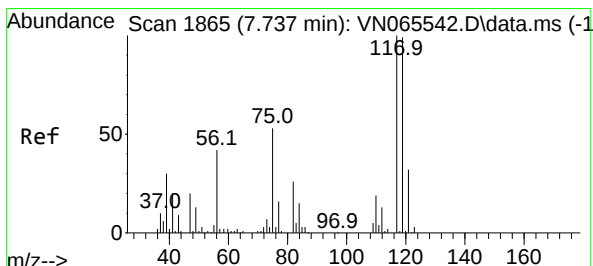
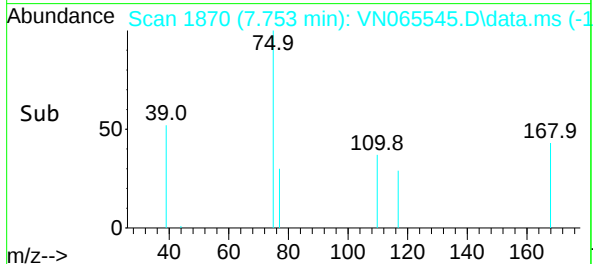
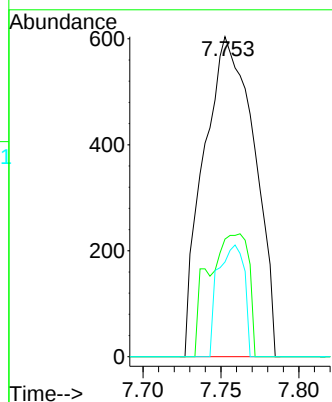
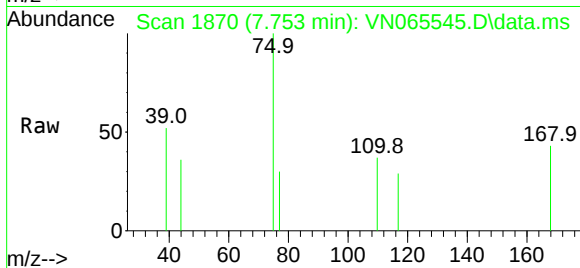


#36

1,1-Dichloropropene
Concen: 0.50 ug/l
RT: 7.753 min Scan# 1870
Delta R.T. -0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Instrument :
MSVOA_N
ClientSampleId :
IBLK

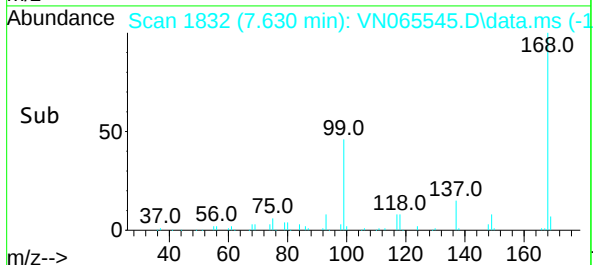
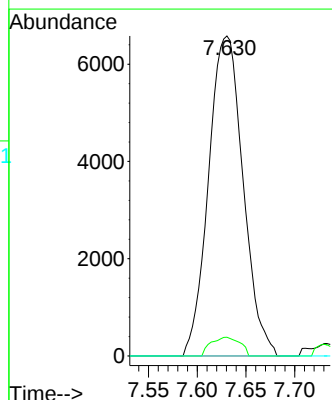
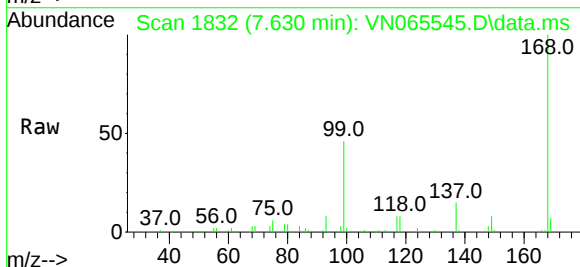
Tgt Ion: 75	Resp:	1358
Ion Ratio	Lower	Upper
75	100	
110	30.6	17.8 53.3
77	18.2	25.0 37.4#

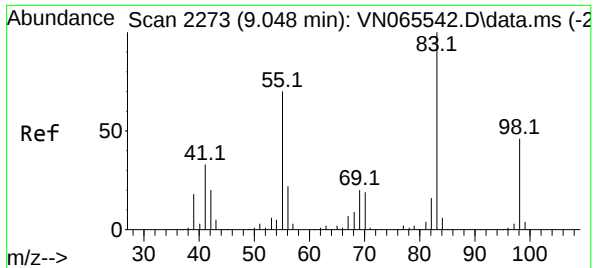


#38

Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.107 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 117	Resp:	16218
Ion Ratio	Lower	Upper
117	100	
119	5.8	76.7 115.1#
121	0.0	25.4 38.2#





#39

Methylcyclohexane

Concen: 0.56 ug/l

RT: 9.045 min Scan# 2272

Delta R.T. -0.003 min

Lab File: VN065545.D

Acq: 18 Jan 2021 14:47

Tgt Ion: 83 Resp: 1786

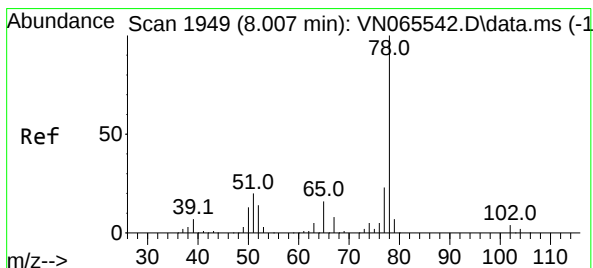
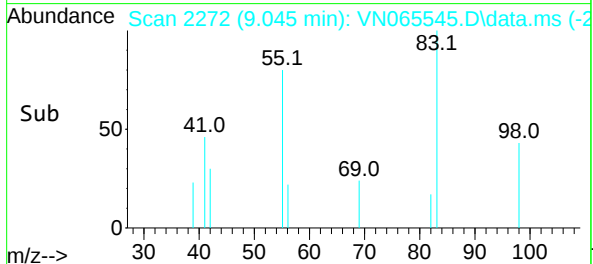
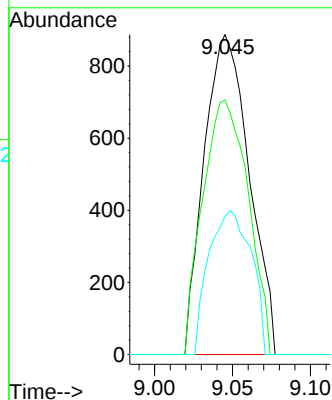
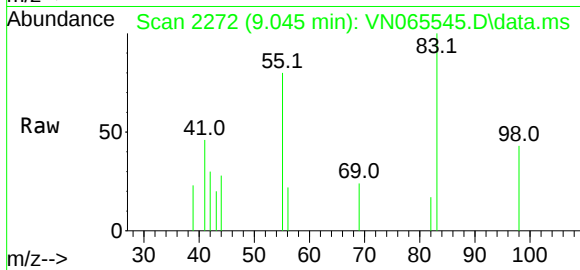
Ion	Ratio	Lower	Upper
83	100		
55	79.6	60.2	90.2
98	43.1	37.4	56.2

Instrument :

MSVOA_N

ClientSampleId :

IBLK



#40

Benzene

Concen: 0.20 ug/l

RT: 8.003 min Scan# 1948

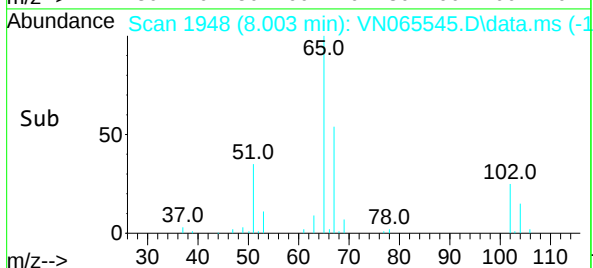
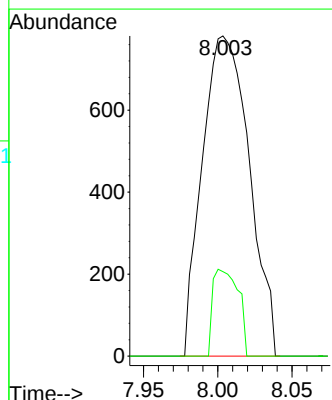
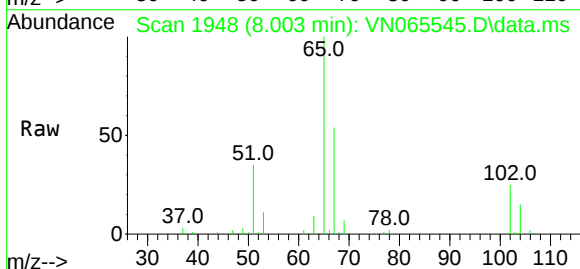
Delta R.T. -0.004 min

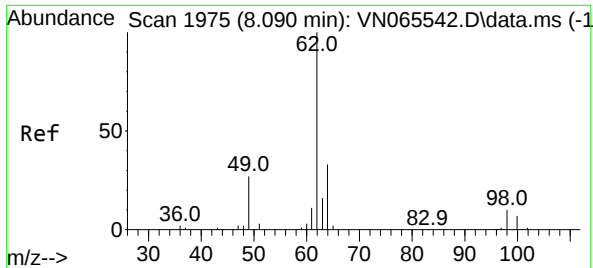
Lab File: VN065545.D

Acq: 18 Jan 2021 14:47

Tgt Ion: 78 Resp: 1722

Ion	Ratio	Lower	Upper
78	100		
77	26.4	17.9	26.9

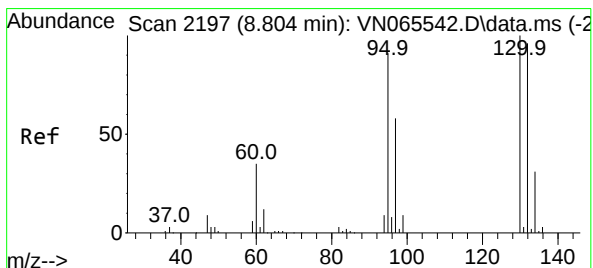
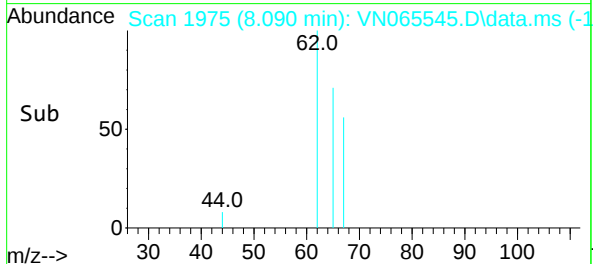
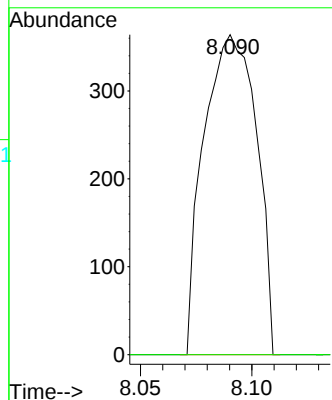
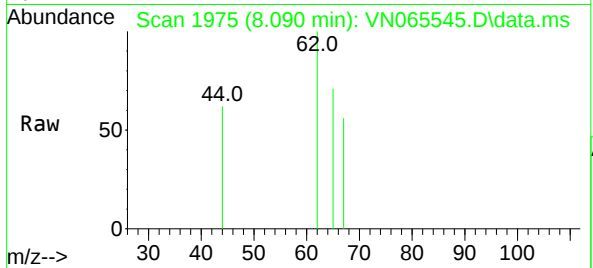




#42
1,2-Dichloroethane
Concen: 0.22 ug/l
RT: 8.090 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

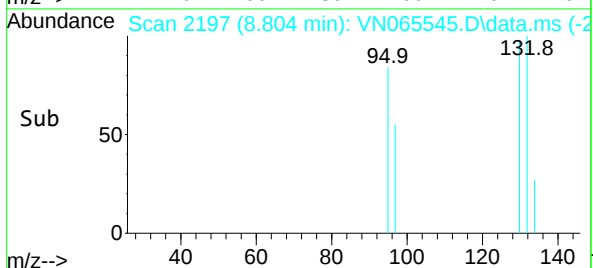
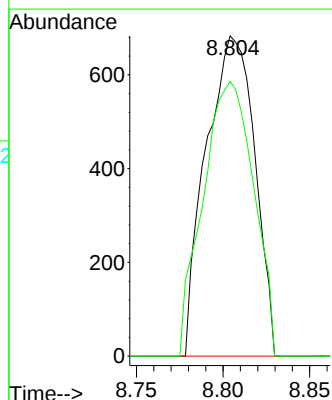
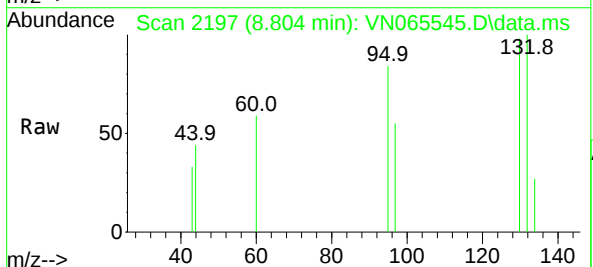
Instrument :
MSVOA_N
ClientSampled :
IBLK

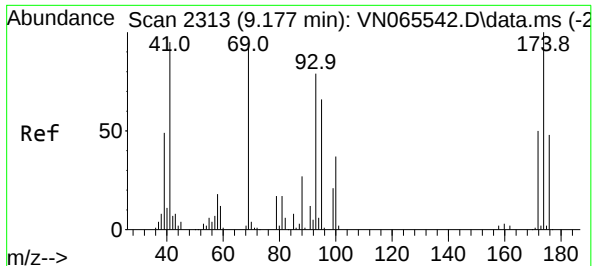
Tgt Ion: 62 Resp: 597
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6



#44
Trichloroethene
Concen: 0.53 ug/l
RT: 8.804 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 130 Resp: 1334
Ion Ratio Lower Upper
130 100
95 85.8 0.0 197.8

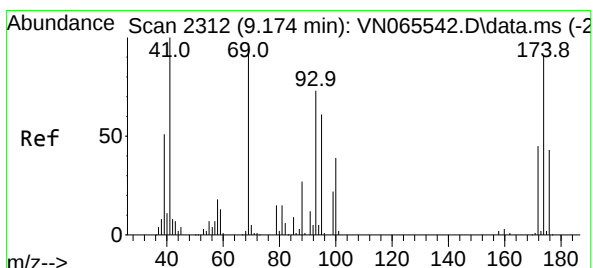
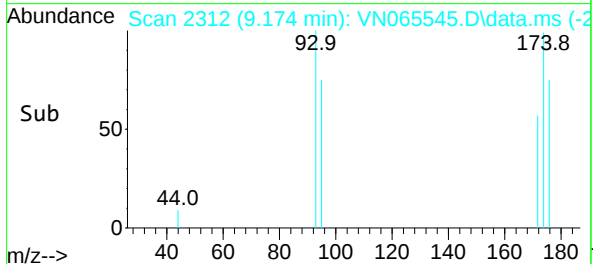
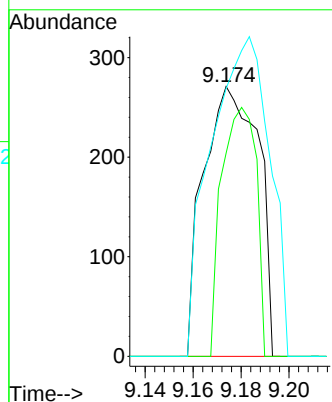
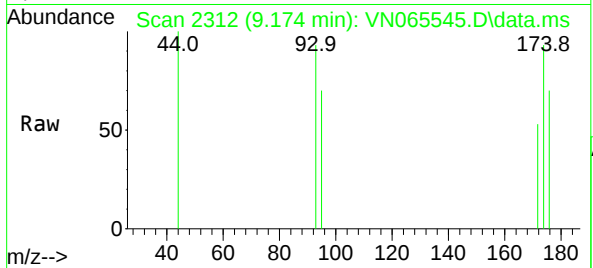




#46
Dibromomethane
Concen: 0.30 ug/l
RT: 9.174 min Scan# 2312
Delta R.T. -0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

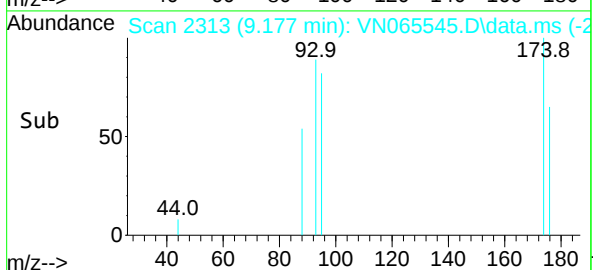
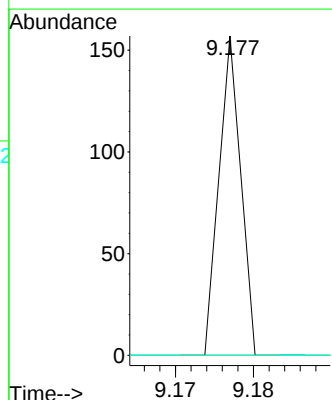
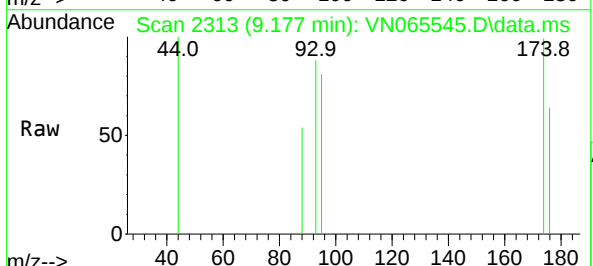
Instrument :
MSVOA_N
ClientSampled :
IBLK

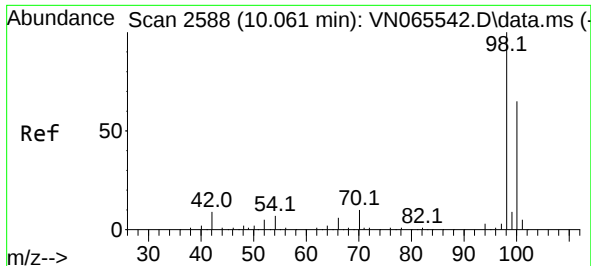
Tgt Ion: 93 Resp: 429
Ion Ratio Lower Upper
93 100
95 58.3 68.8 103.2#
174 127.5 83.1 124.7#



#49
1,4-Dioxane
Concen: 65.83 ug/l
RT: 9.177 min Scan# 2313
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 0.0 52.5 78.7#

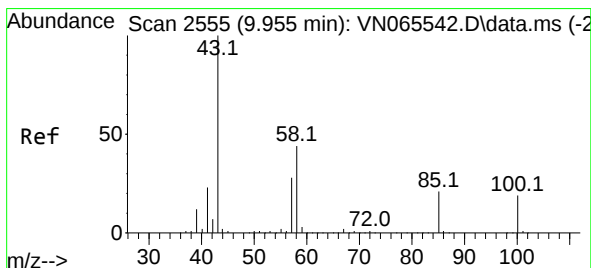
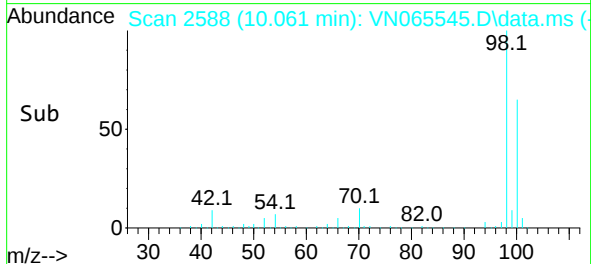
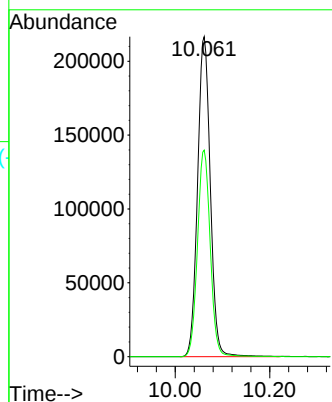
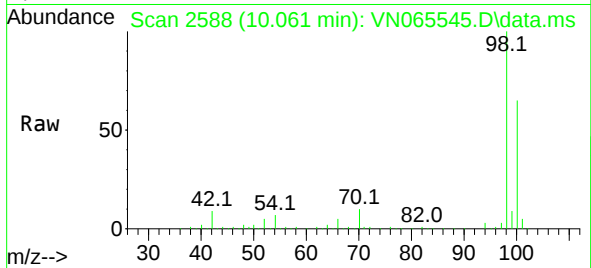




#50
Toluene-d8
Concen: 55.44 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

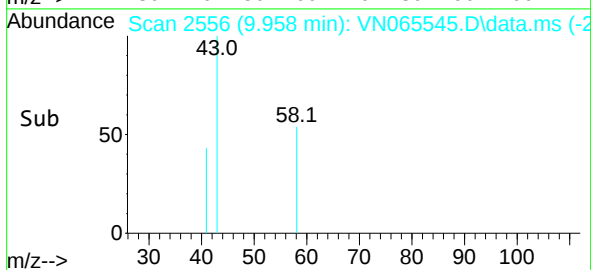
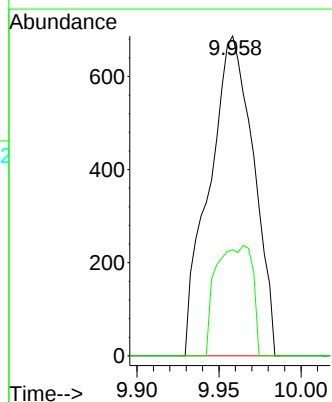
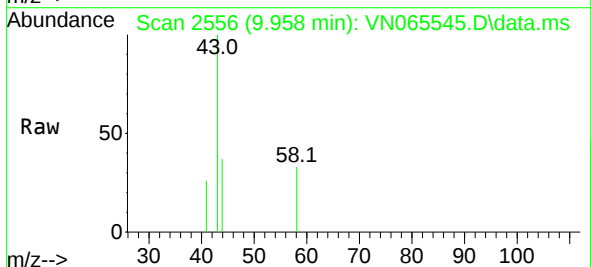
Instrument :
MSVOA_N
ClientSampled :
IBLK

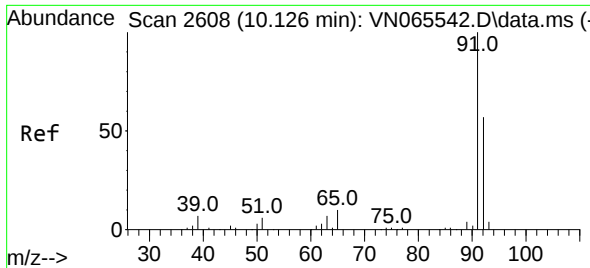
Tgt Ion: 98 Resp: 405537
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 28.4 32.4 48.6#

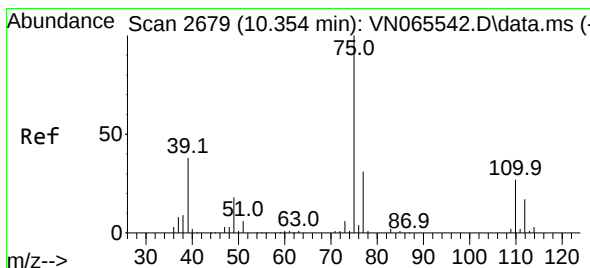
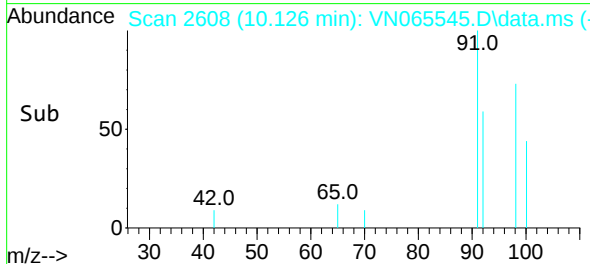
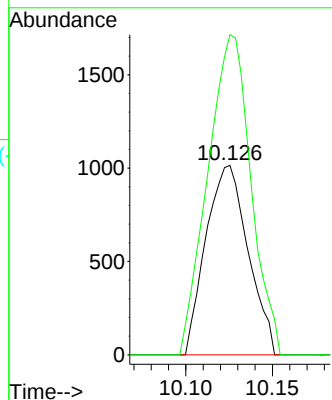
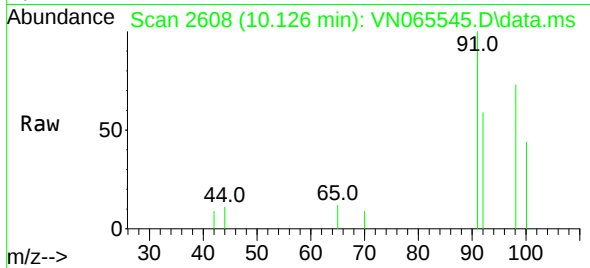




#52
Toluene
Concen: 0.32 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

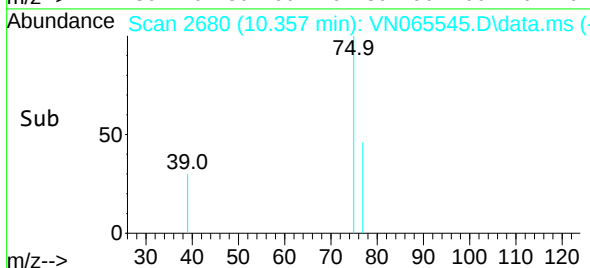
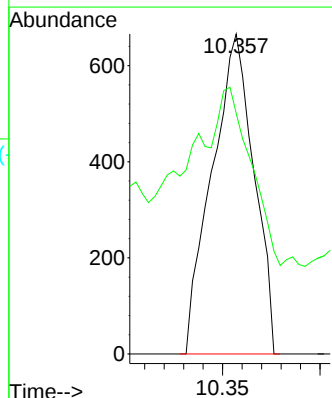
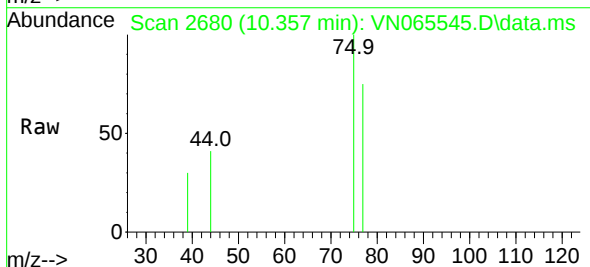
Instrument :
MSVOA_N
ClientSampled :
IBLK

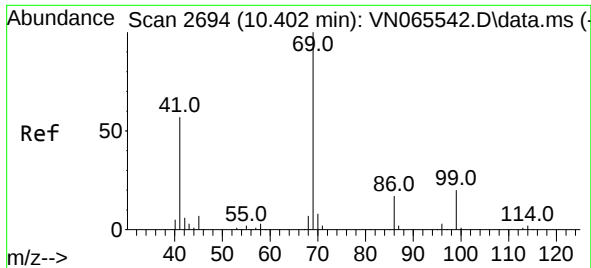
Tgt Ion: 92 Resp: 1718
Ion Ratio Lower Upper
92 100
91 172.8 139.1 208.7



#53
t-1,3-Dichloropropene
Concen: 0.32 ug/l
RT: 10.357 min Scan# 2680
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 75 Resp: 994
Ion Ratio Lower Upper
75 100
77 47.6 25.8 38.6#

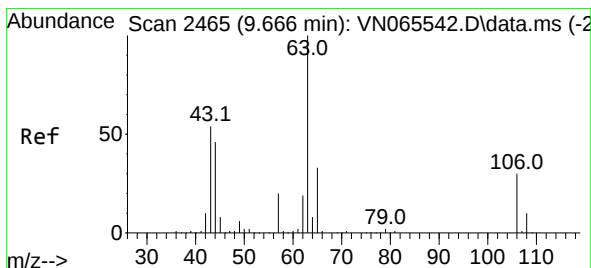
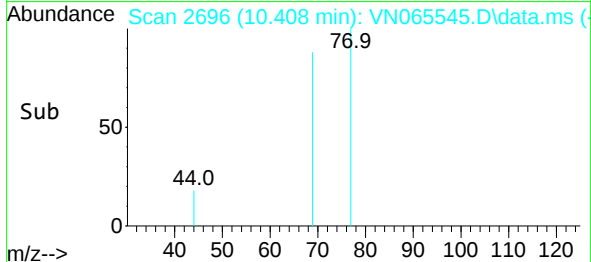
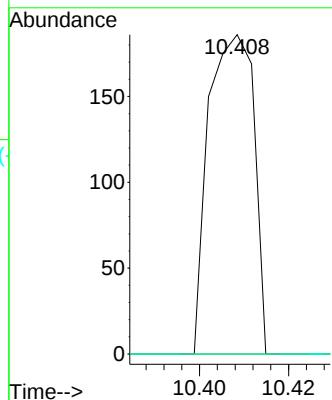
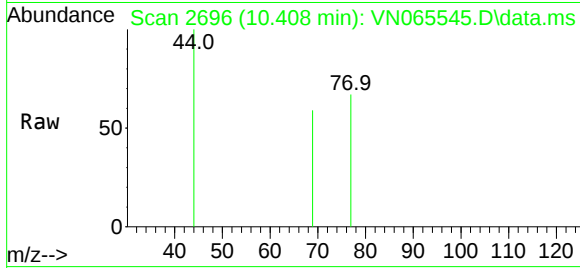




#56
Ethyl methacrylate
Concen: 2.17 ug/l
RT: 10.408 min Scan# 2696
Delta R.T. 0.006 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

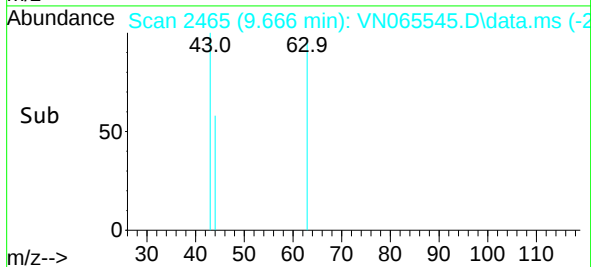
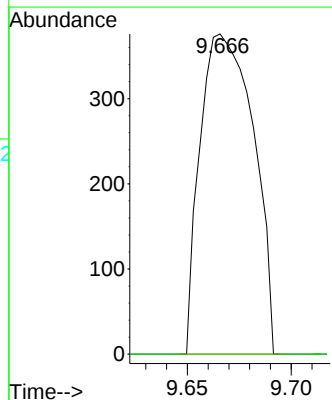
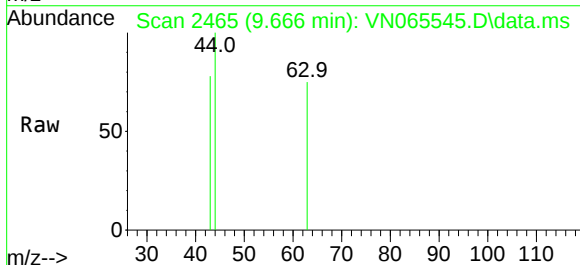
Instrument :
MSVOA_N
ClientSampled :
IBLK

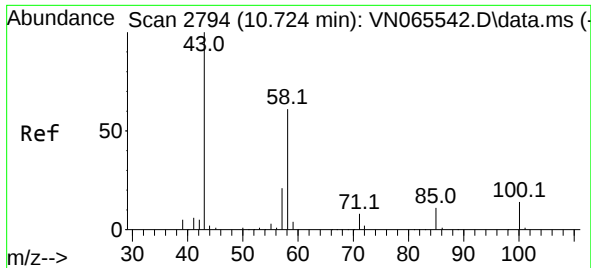
Tgt Ion: 69 Resp: 131
Ion Ratio Lower Upper
69 100
41 0.0 49.4 74.0#
39 0.0 25.9 38.9#



#58
2-Chloroethyl Vinyl ether
Concen: 0.48 ug/l
RT: 9.666 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 63 Resp: 670
Ion Ratio Lower Upper
63 100
106 0.0 22.7 34.1#

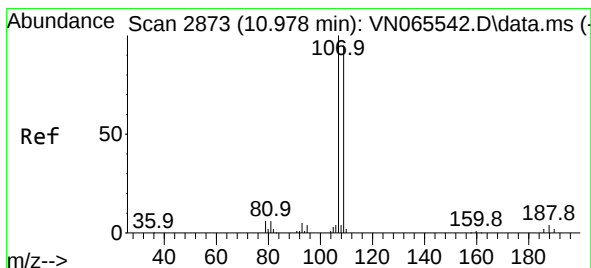
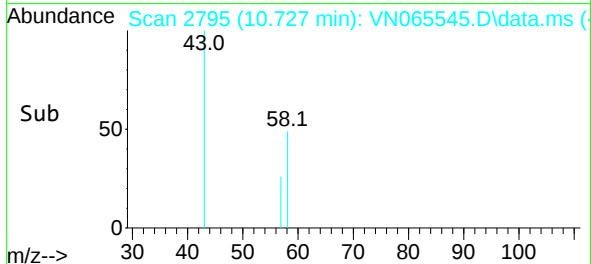
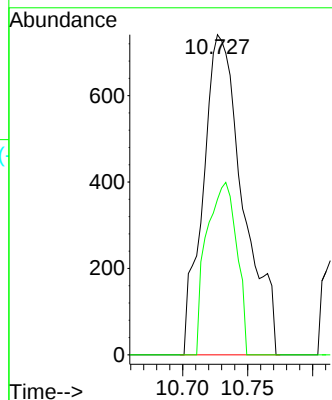
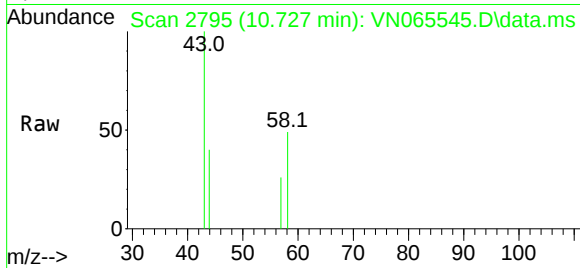




#59
2-Hexanone
Concen: 0.98 ug/l
RT: 10.727 min Scan# 2795
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

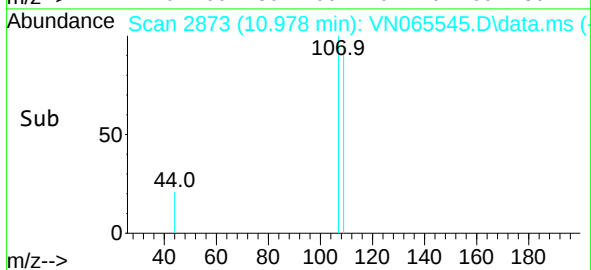
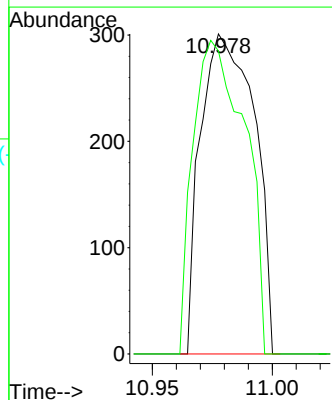
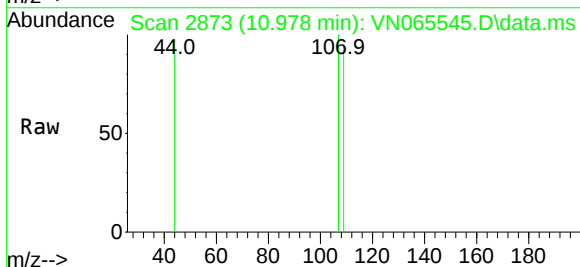
Instrument :
MSVOA_N
ClientSampled :
IBLK

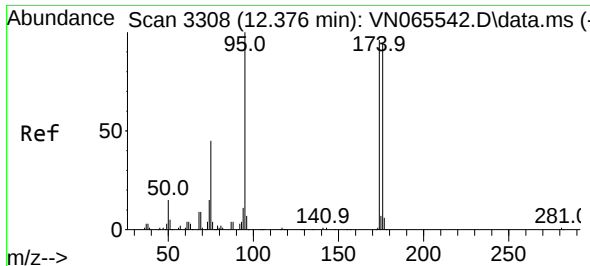
Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 40.3 28.3 84.9



#61
1,2-Dibromoethane
Concen: 0.21 ug/l
RT: 10.978 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 107 Resp: 468
Ion Ratio Lower Upper
107 100
109 94.7 76.0 114.0

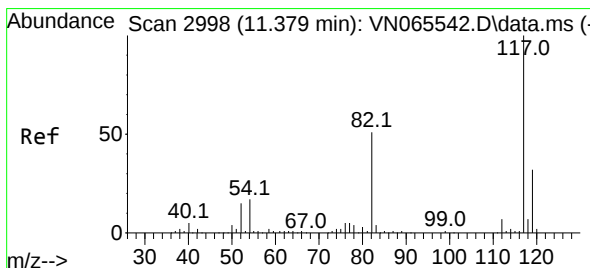
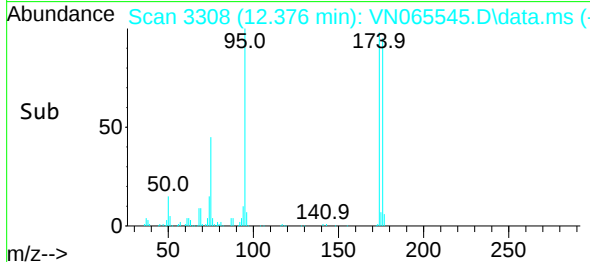
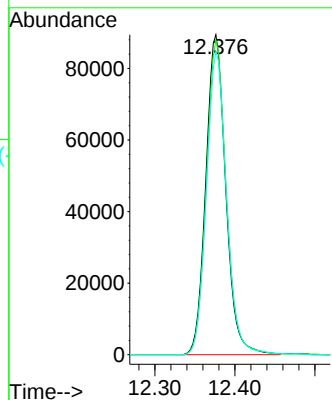
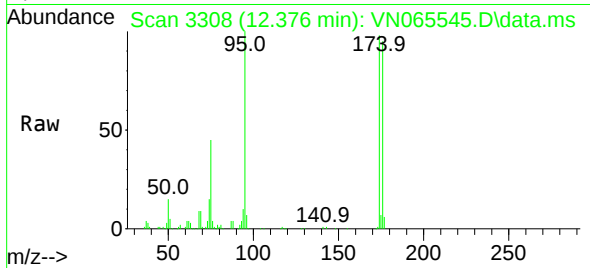




#62
4-Bromofluorobenzene
Concen: 56.53 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

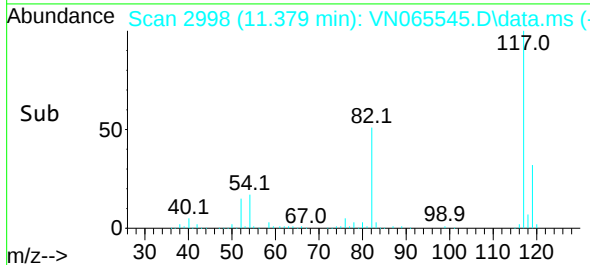
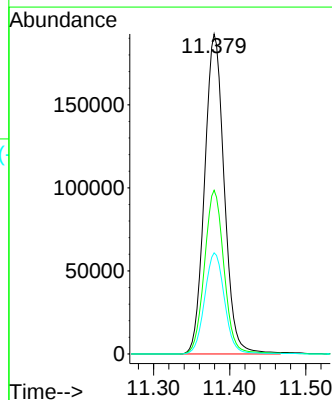
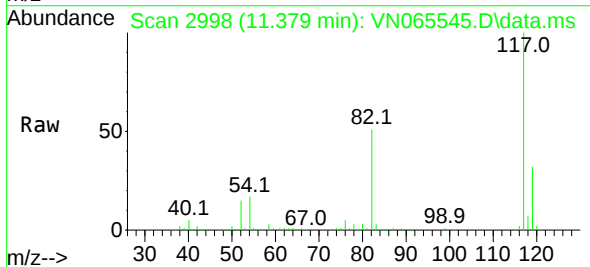
Instrument :
MSVOA_N
ClientSampleId :
IBLK

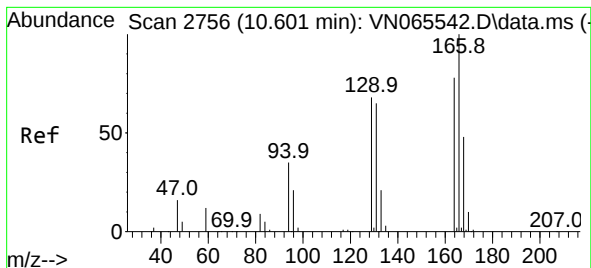
Tgt Ion:	95	Resp:	155175
Ion Ratio	Lower	Upper	
95	100		
174	98.6	0.0	160.4
176	95.4	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion:	117	Resp:	345145
Ion Ratio	Lower	Upper	
117	100		
82	51.2	44.2	66.2
119	31.6	25.8	38.6



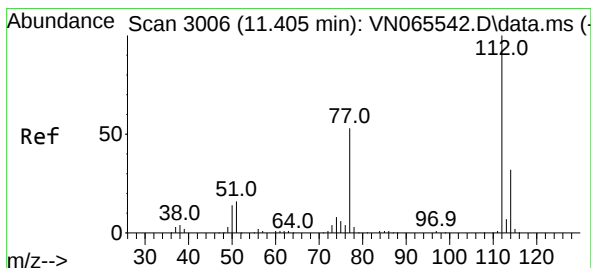
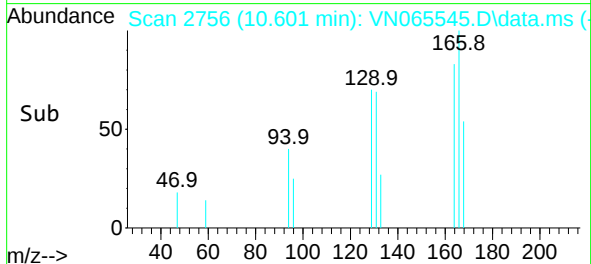
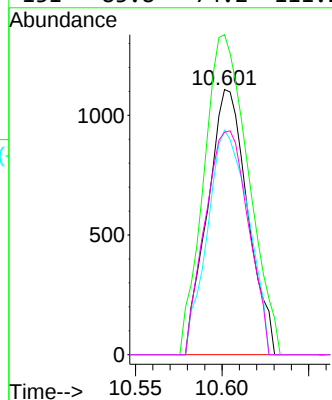
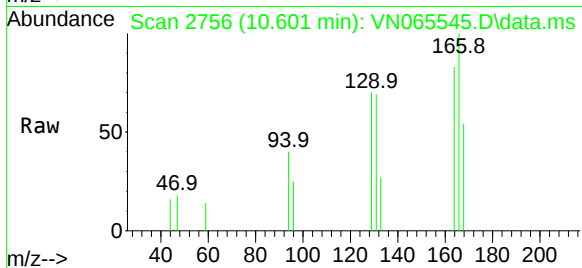


#64
Tetrachloroethene
Concen: 0.55 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:164 Resp: 1782

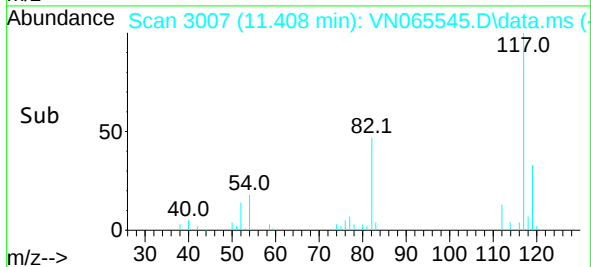
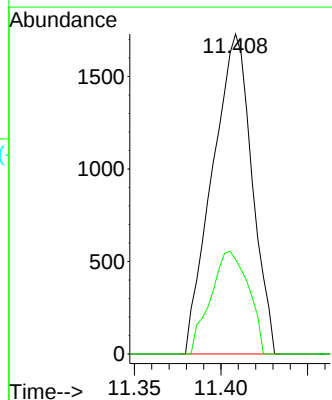
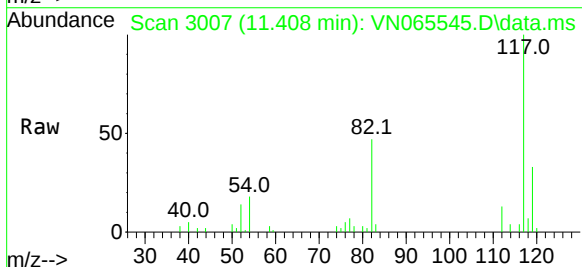
Ion	Ratio	Lower	Upper
164	100		
166	120.7	101.4	152.0
129	84.7	76.1	114.1
131	83.8	74.2	111.2

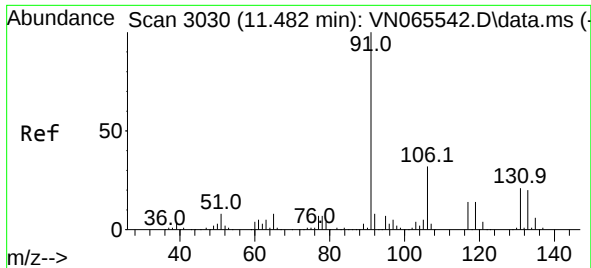


#65
Chlorobenzene
Concen: 0.39 ug/l
RT: 11.408 min Scan# 3007
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion:112 Resp: 2745

Ion	Ratio	Lower	Upper
112	100		
114	29.5	25.1	37.7

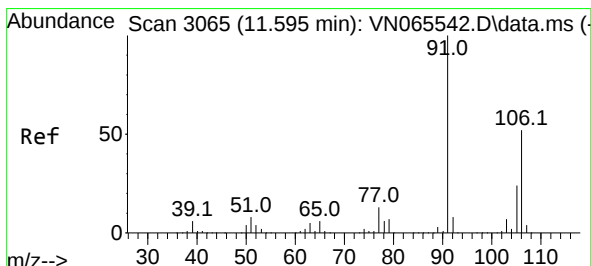
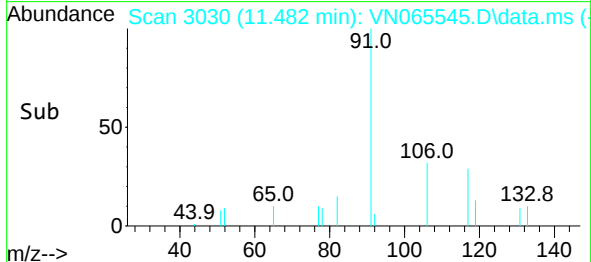
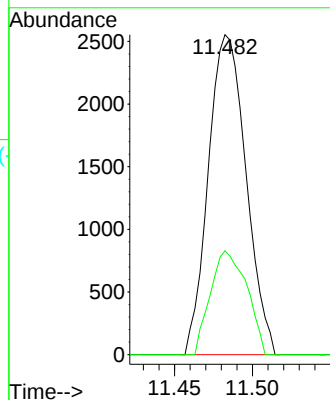
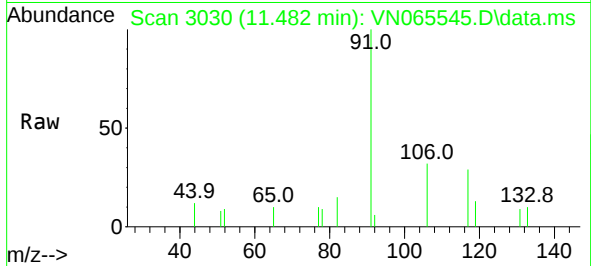




#67
Ethyl Benzene
Concen: 0.37 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

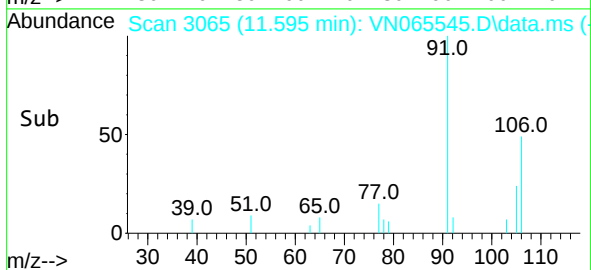
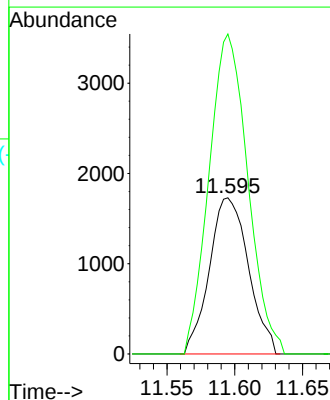
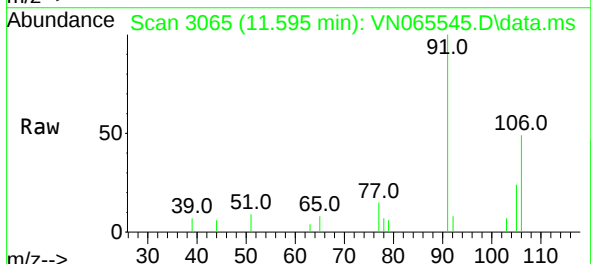
Instrument :
MSVOA_N
ClientSampleId :
IBLK

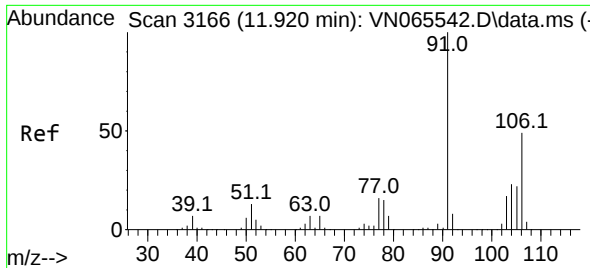
Tgt Ion: 91 Resp: 4299
Ion Ratio Lower Upper
91 100
106 32.4 25.2 37.8



#68
m/p-Xylenes
Concen: 0.76 ug/l
RT: 11.595 min Scan# 3065
Delta R.T. -0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 106 Resp: 3471
Ion Ratio Lower Upper
106 100
91 202.7 161.0 241.4

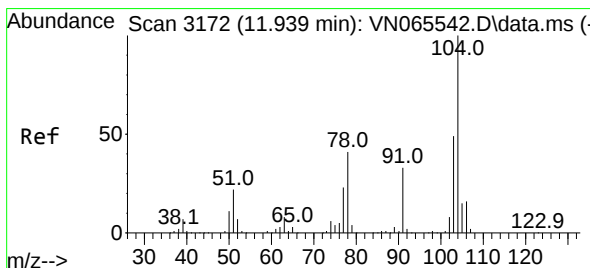
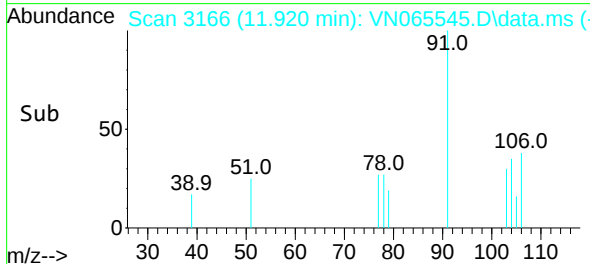
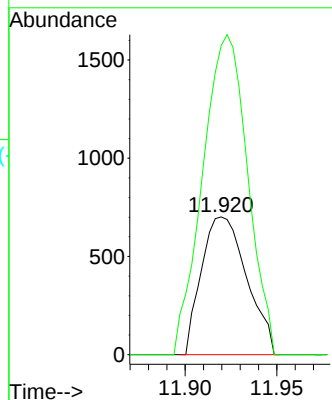
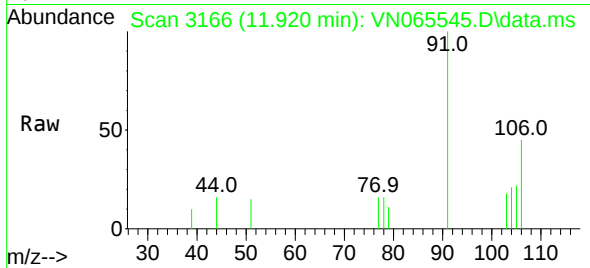




#69
o-Xylene
Concen: 0.27 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

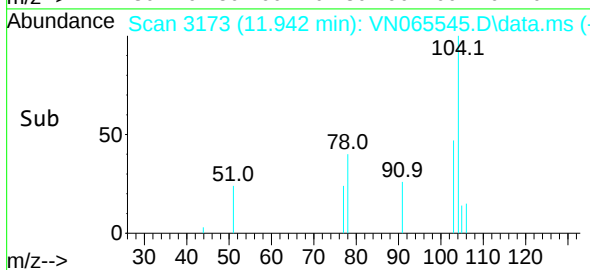
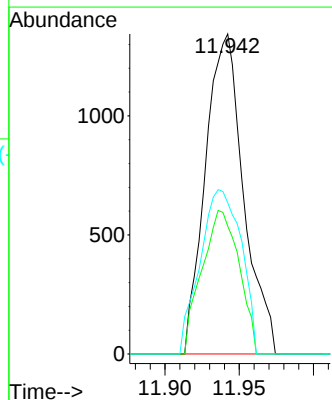
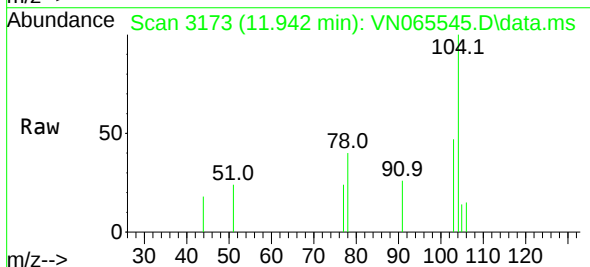
Instrument :
MSVOA_N
ClientSampled :
IBLK

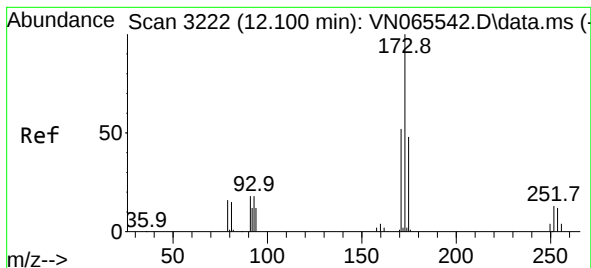
Tgt Ion:106 Resp: 1208
Ion Ratio Lower Upper
106 100
91 229.8 105.5 316.5



#70
Styrene
Concen: 0.33 ug/l
RT: 11.942 min Scan# 3173
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion:104 Resp: 2402
Ion Ratio Lower Upper
104 100
78 43.7 39.0 58.6
103 55.3 44.3 66.5





#71

Bromoform

Concen: 2.98 ug/l

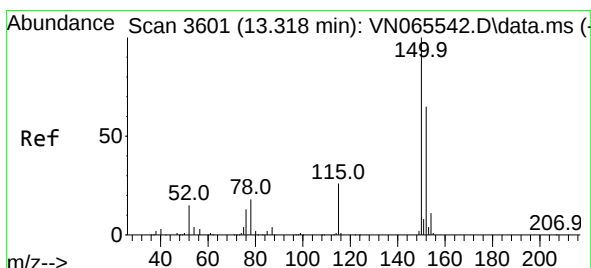
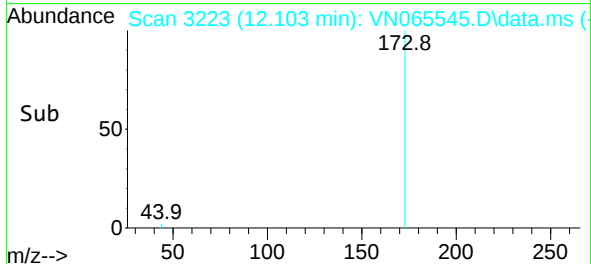
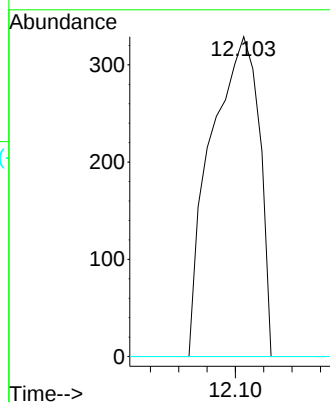
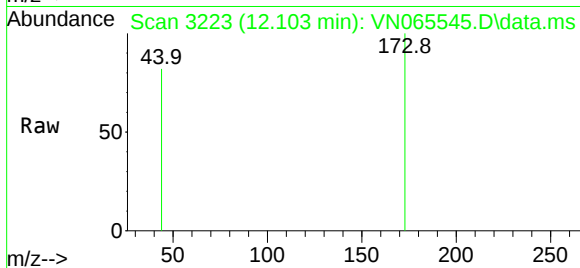
RT: 12.103 min Scan# 3223

Delta R.T. 0.003 min

Lab File: VN065545.D

Acq: 18 Jan 2021 14:47

Tgt Ion:	173	Resp:	389
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.3	72.8#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

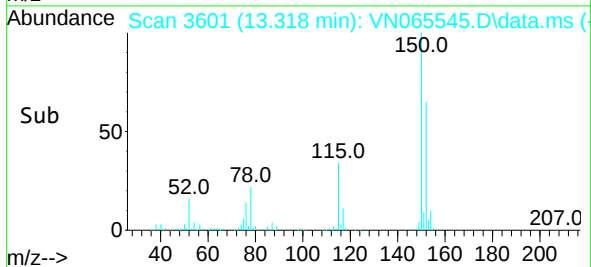
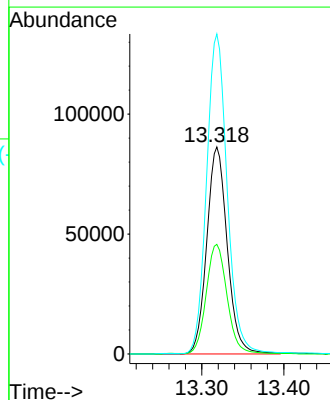
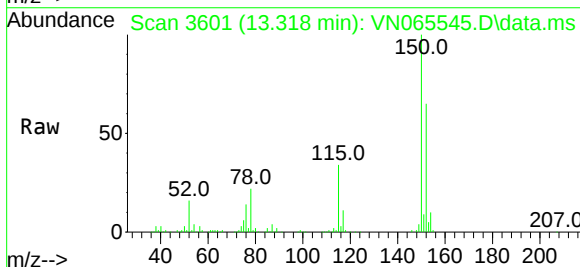
RT: 13.318 min Scan# 3601

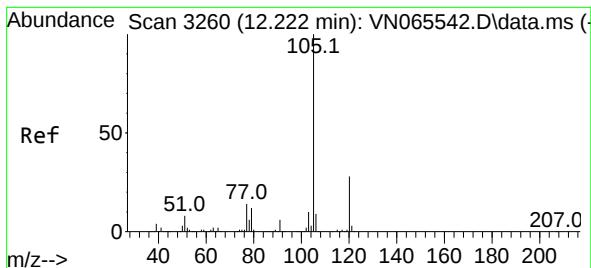
Delta R.T. 0.000 min

Lab File: VN065545.D

Acq: 18 Jan 2021 14:47

Tgt Ion:	152	Resp:	149859
Ion Ratio	Lower	Upper	
152	100		
115	54.2	29.7	89.1
150	154.6	0.0	350.6





#73

Isopropylbenzene

Concen: 0.45 ug/l

RT: 12.225 min Scan# 3261

Delta R.T. 0.003 min

Lab File: VN065545.D

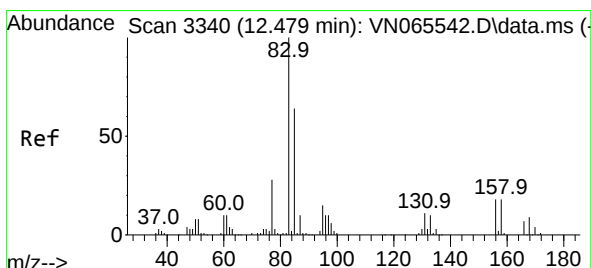
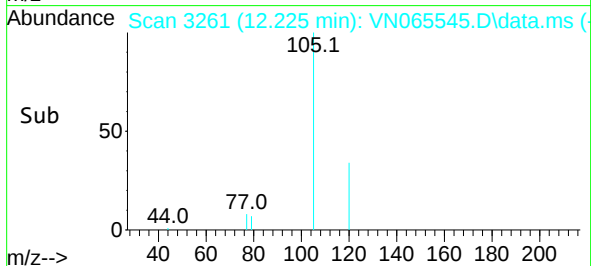
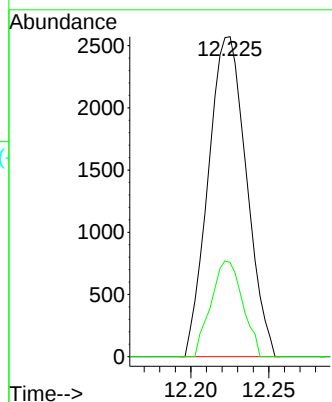
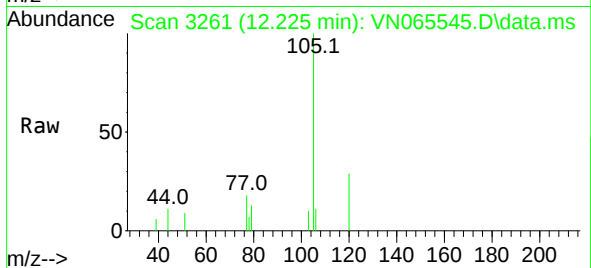
Acq: 18 Jan 2021 14:47

Tgt Ion: 105 Resp: 4366

Ion Ratio Lower Upper

105 100

120 24.8 13.3 39.9



#75

1,1,2,2-Tetrachloroethane

Concen: 0.29 ug/l

RT: 12.479 min Scan# 3340

Delta R.T. 0.000 min

Lab File: VN065545.D

Acq: 18 Jan 2021 14:47

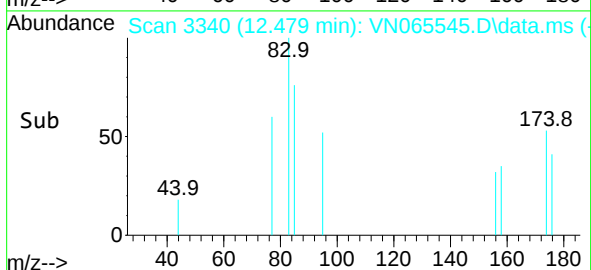
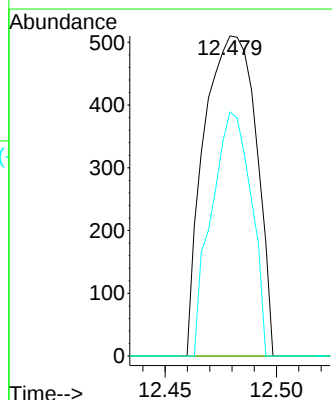
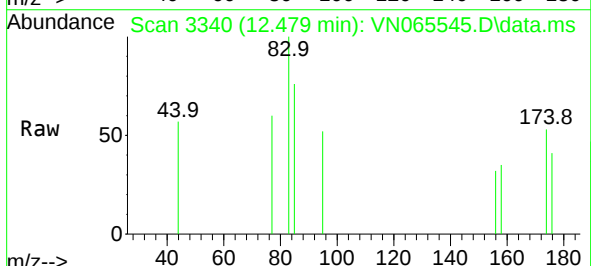
Tgt Ion: 83 Resp: 829

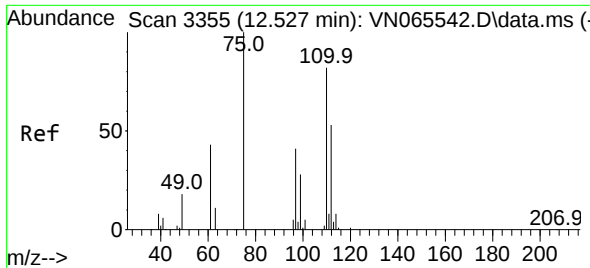
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 58.0 33.0 99.0

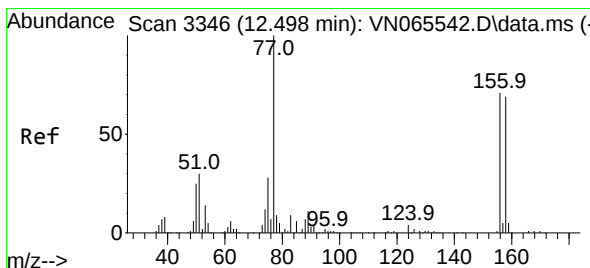
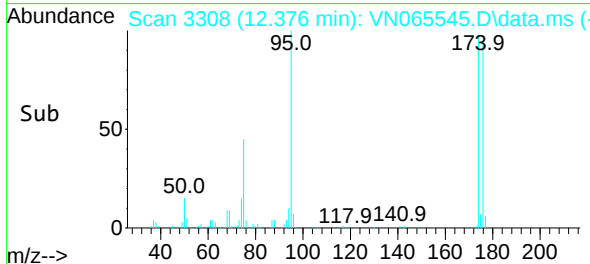
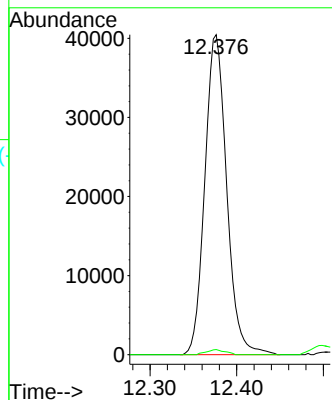
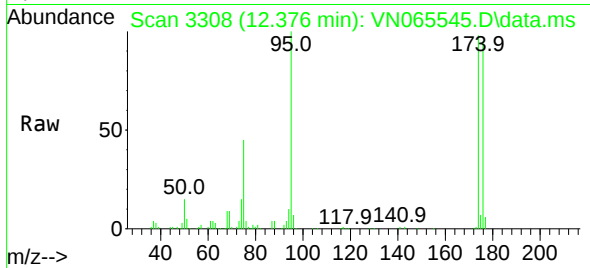




#76
1,2,3-Trichloropropane
Concen: 26.08 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

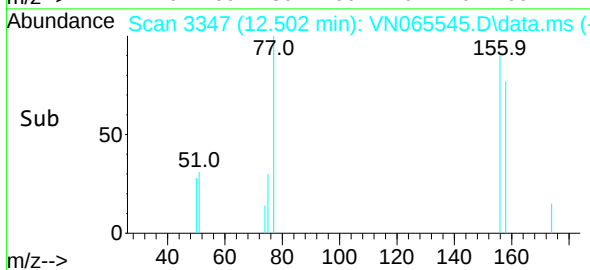
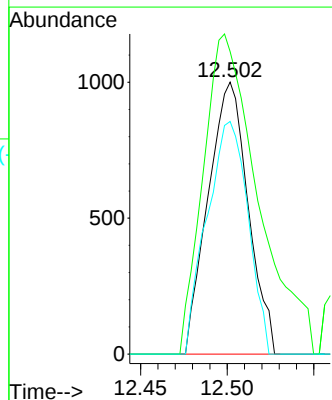
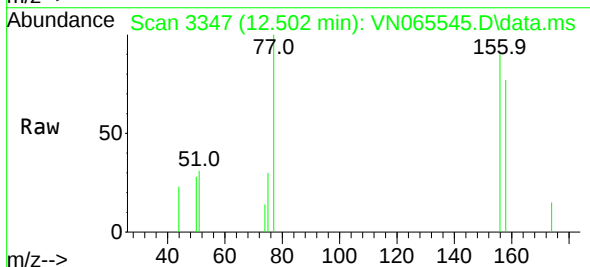
Instrument :
MSVOA_N
ClientSampled :
IBLK

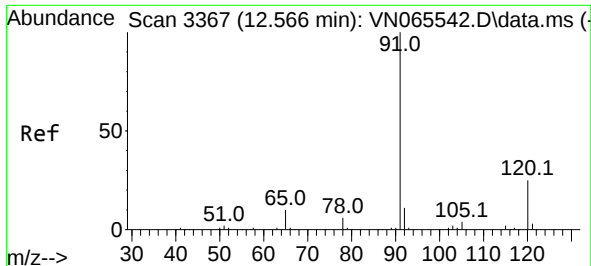
Tgt Ion: 75 Resp: 70796
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#77
Bromobenzene
Concen: 0.57 ug/l
RT: 12.502 min Scan# 3347
Delta R.T. 0.004 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 156 Resp: 1608
Ion Ratio Lower Upper
156 100
77 161.1 101.3 303.7
158 87.8 48.2 144.6

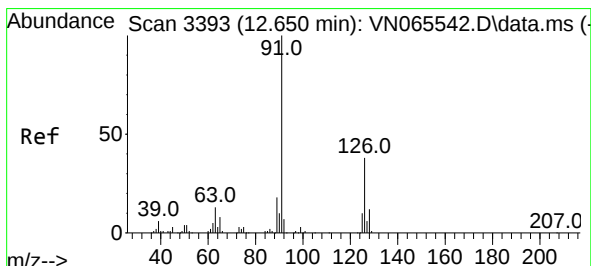
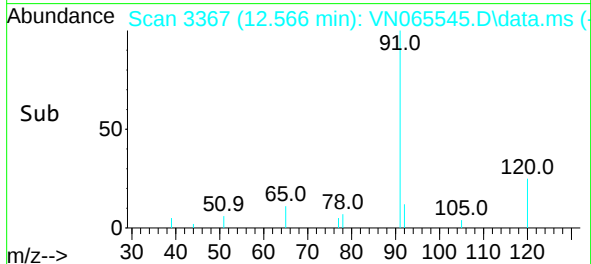
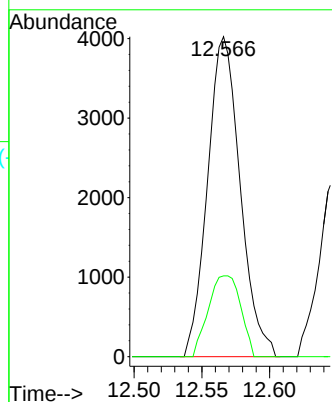
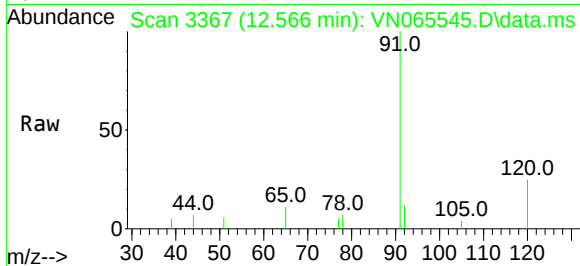




#78
n-propylbenzene
Concen: 0.62 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. -0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

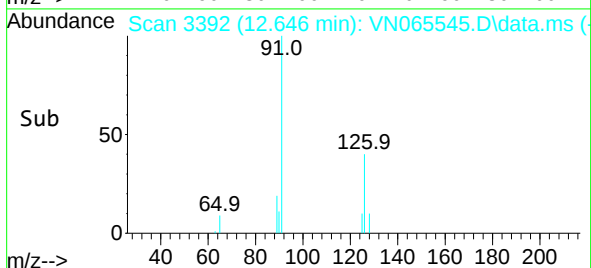
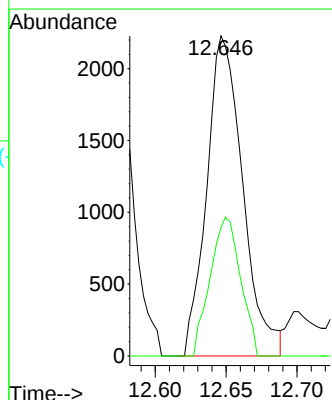
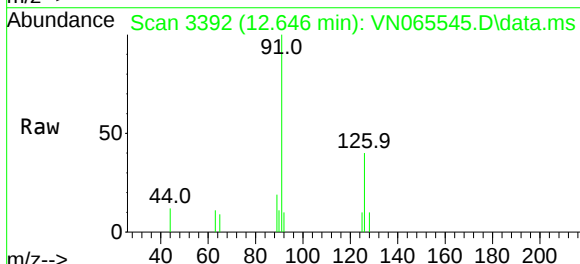
Instrument :
MSVOA_N
ClientSampled :
IBLK

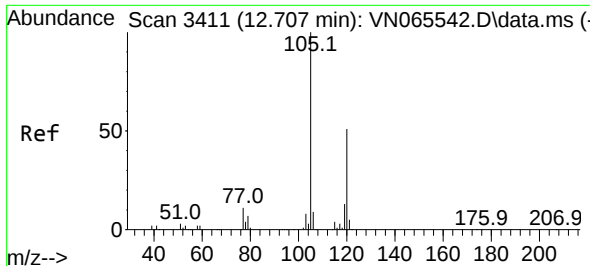
Tgt Ion: 91 Resp: 6725
Ion Ratio Lower Upper
91 100
120 25.0 11.6 34.7



#79
2-Chlorotoluene
Concen: 0.59 ug/l
RT: 12.646 min Scan# 3392
Delta R.T. -0.004 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 91 Resp: 3945
Ion Ratio Lower Upper
91 100
126 36.4 17.2 51.6

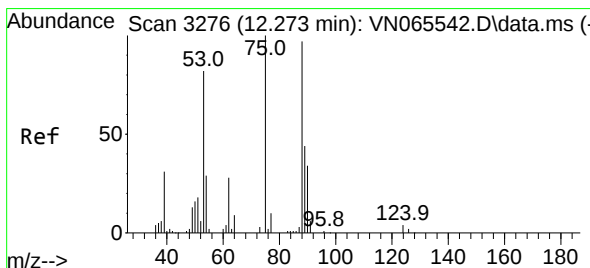
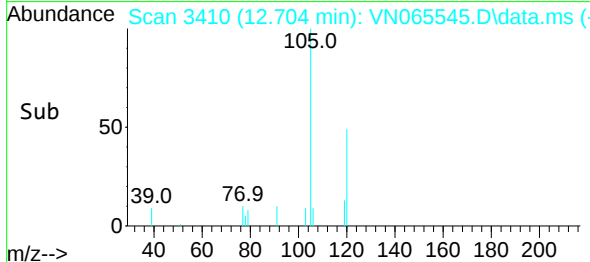
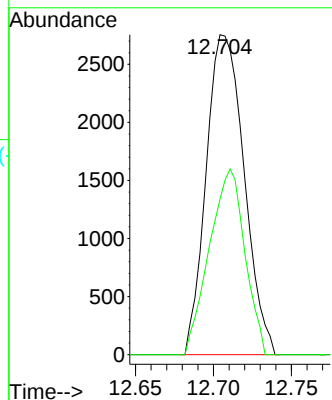
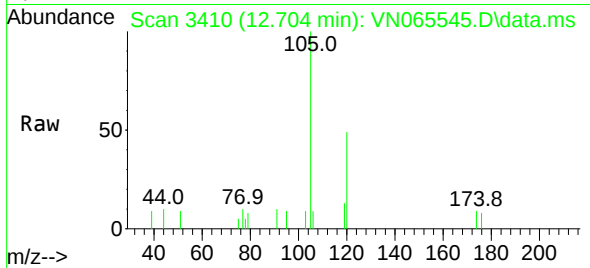




#80
1,3,5-Trimethylbenzene
Concen: 0.57 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. -0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

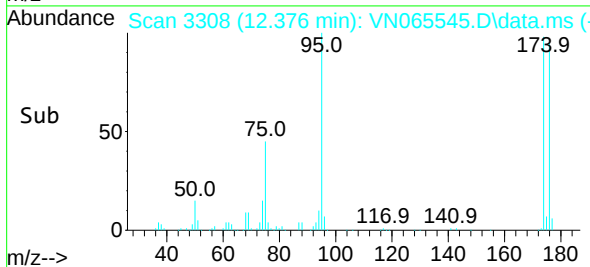
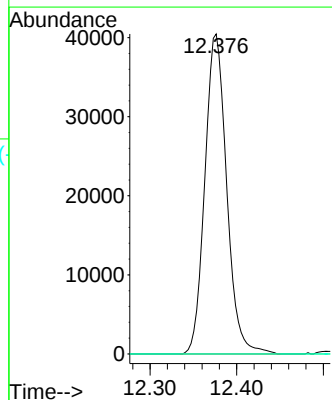
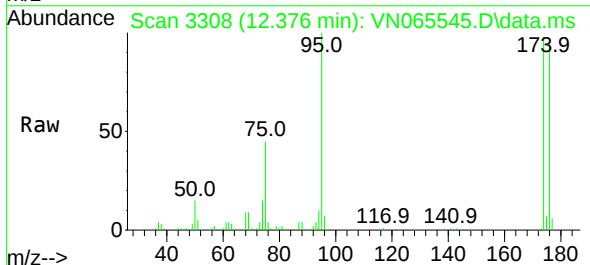
Instrument :
MSVOA_N
ClientSampled :
IBLK

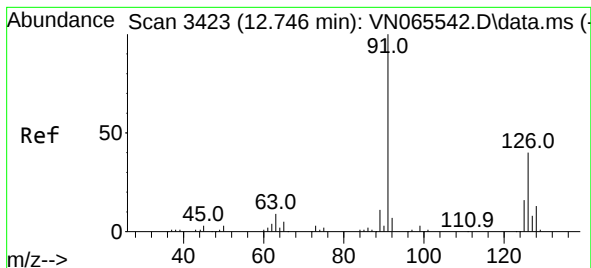
Tgt Ion:105 Resp: 4663
Ion Ratio Lower Upper
105 100
120 54.1 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 75.82 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 75 Resp: 70796
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

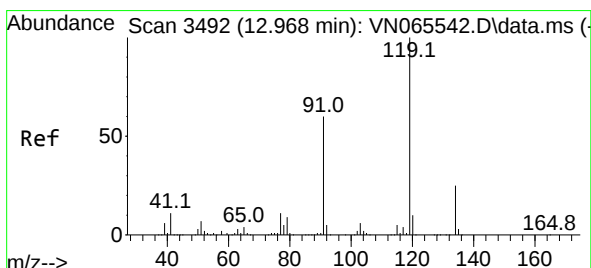
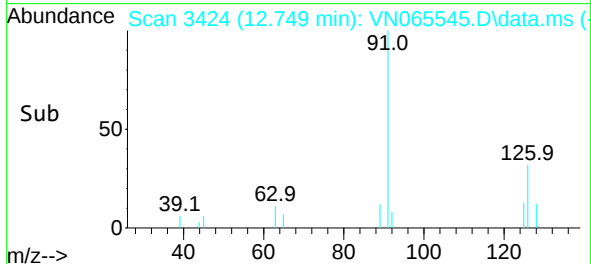
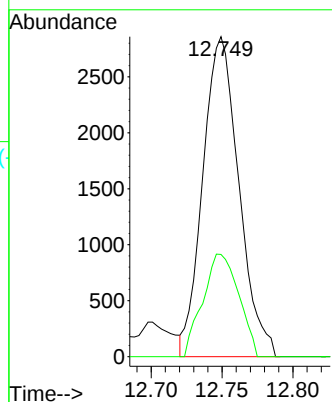
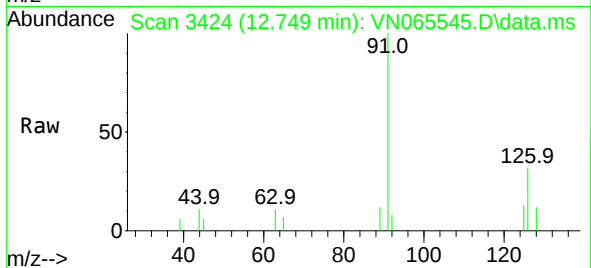




#82
4-Chlorotoluene
Concen: 0.74 ug/l
RT: 12.749 min Scan# 3424
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

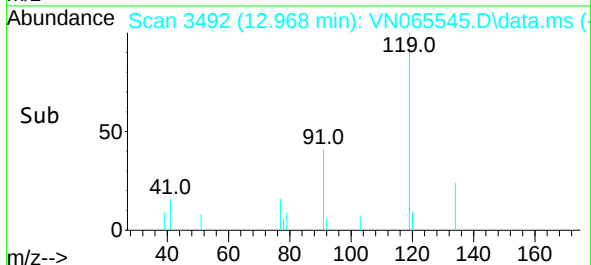
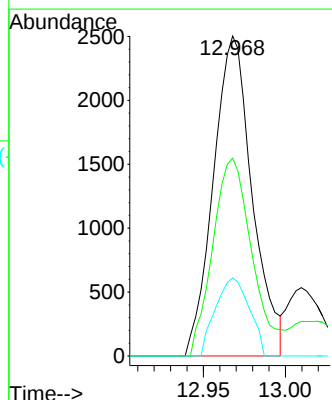
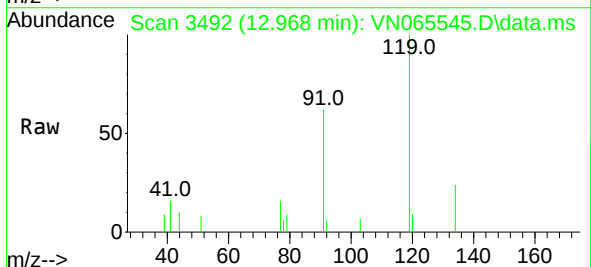
Instrument :
MSVOA_N
ClientSampleId :
IBLK

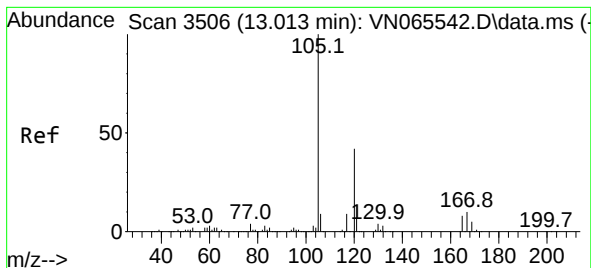
Tgt Ion: 91 Resp: 5052
Ion Ratio Lower Upper
91 100
126 31.9 16.9 50.7



#83
tert-Butylbenzene
Concen: 0.57 ug/l
RT: 12.968 min Scan# 3492
Delta R.T. -0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 119 Resp: 4113
Ion Ratio Lower Upper
119 100
91 63.0 32.3 96.8
134 21.2 12.6 37.6





#84

1,2,4-Trimethylbenzene

Concen: 0.55 ug/l

RT: 13.016 min Scan# 3507

Delta R.T. 0.003 min

Lab File: VN065545.D

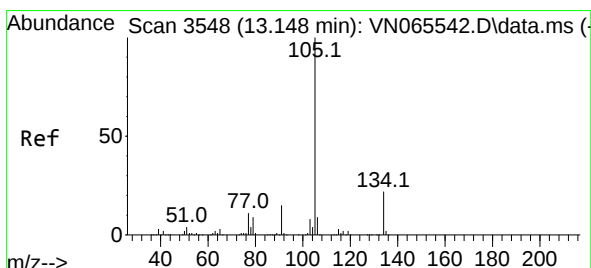
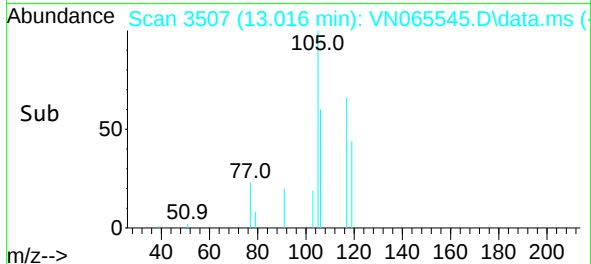
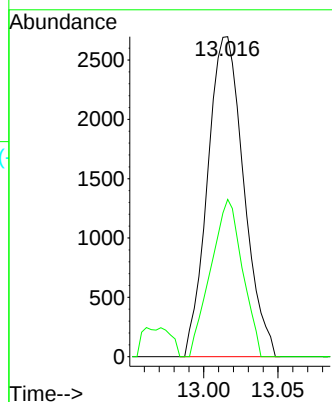
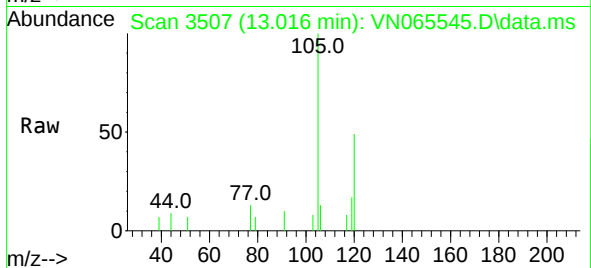
Acq: 18 Jan 2021 14:47

Tgt Ion:105 Resp: 4570

Ion Ratio Lower Upper

105 100

120 43.1 23.1 69.2



#85

sec-Butylbenzene

Concen: 0.66 ug/l

RT: 13.145 min Scan# 3547

Delta R.T. -0.003 min

Lab File: VN065545.D

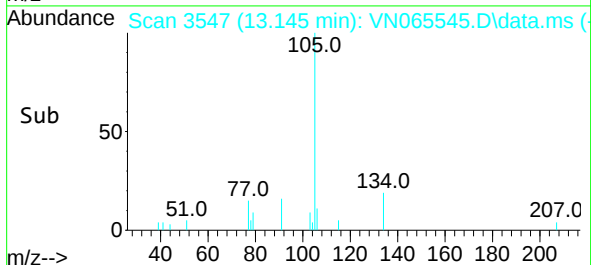
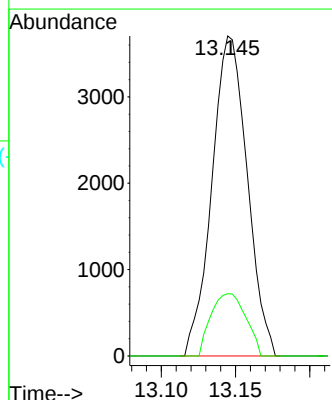
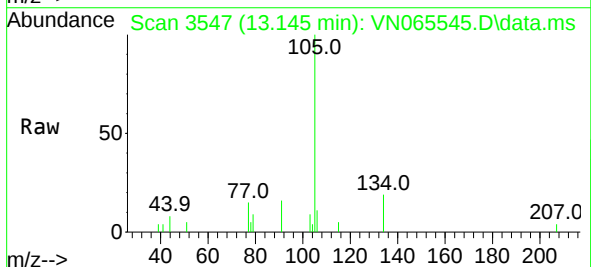
Acq: 18 Jan 2021 14:47

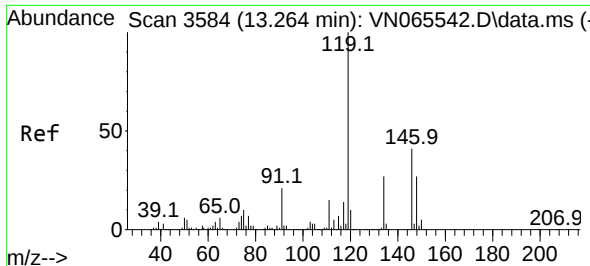
Tgt Ion:105 Resp: 6122

Ion Ratio Lower Upper

105 100

134 19.2 10.1 30.1

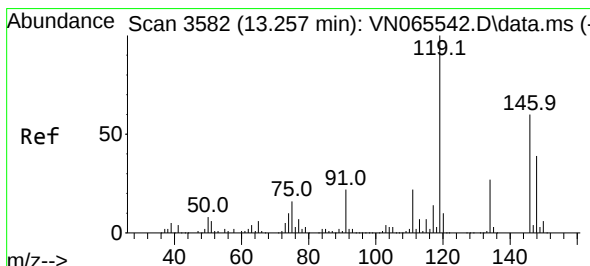
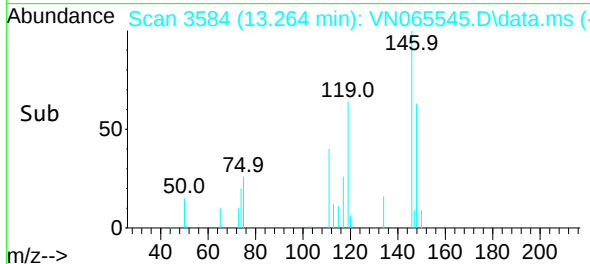
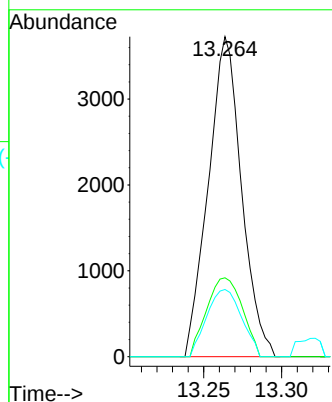
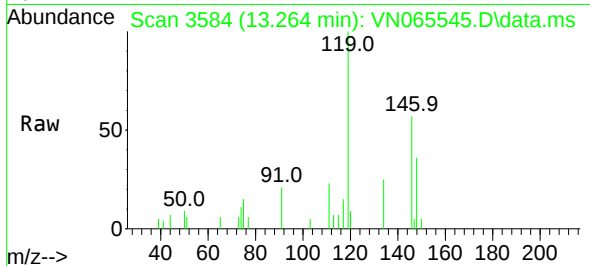




#86
p-Isopropyltoluene
Concen: 0.64 ug/l
RT: 13.264 min Scan# 3584
Delta R.T. -0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

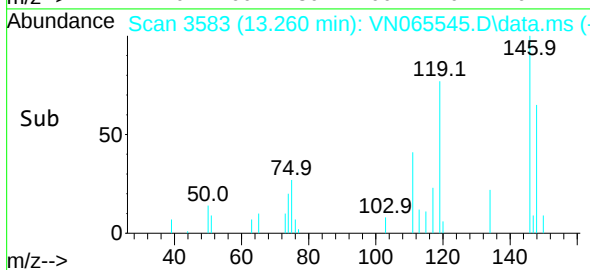
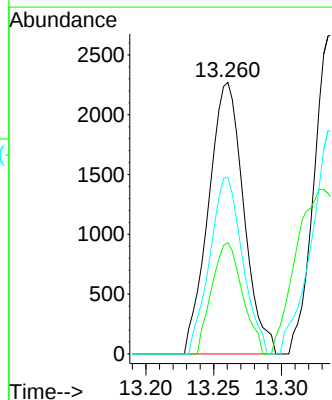
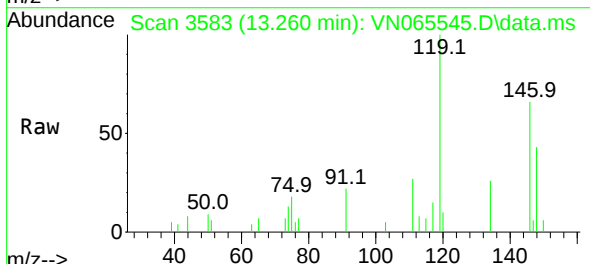
Instrument :
MSVOA_N
ClientSampled :
IBLK

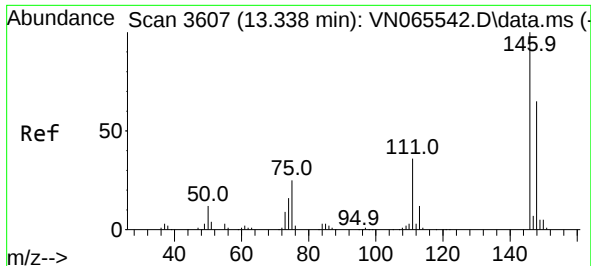
Tgt Ion:	119	Resp:	5518
Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.1
91	22.0	11.5	34.5



#87
1,3-Dichlorobenzene
Concen: 0.85 ug/l
RT: 13.260 min Scan# 3583
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion:	146	Resp:	4101
Ion	Ratio	Lower	Upper
146	100		
111	35.7	20.6	61.9
148	60.7	31.9	95.5

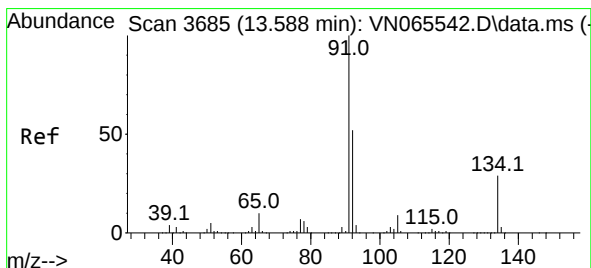
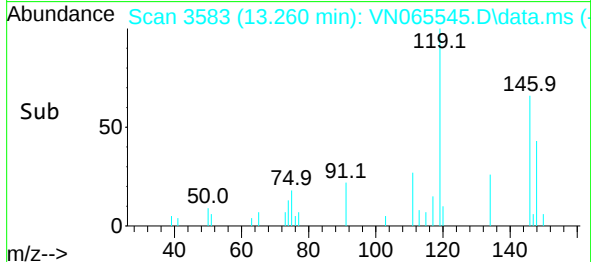
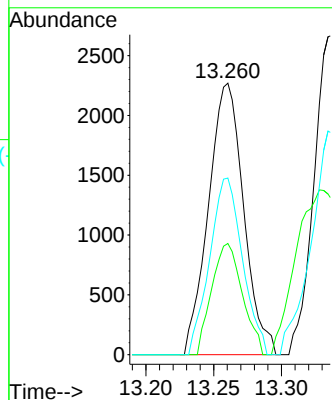
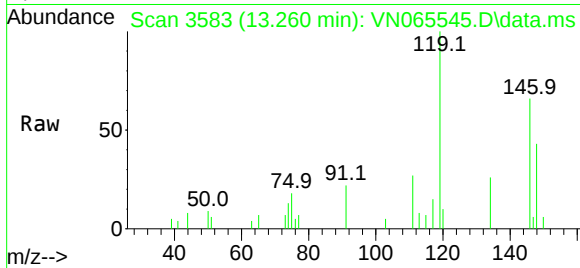




#88
1,4-Dichlorobenzene
Concen: 0.83 ug/l
RT: 13.260 min Scan# 3583
Delta R.T. -0.078 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

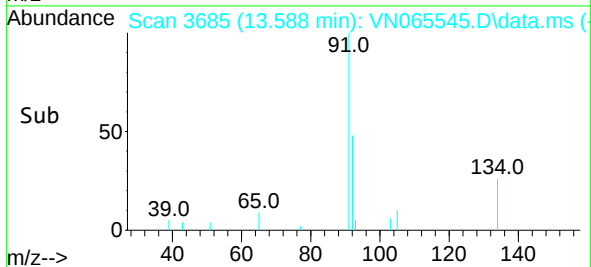
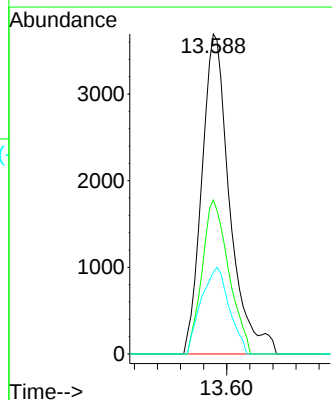
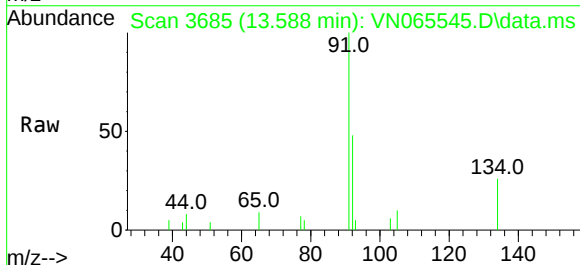
Instrument :
MSVOA_N
ClientSampled :
IBLK

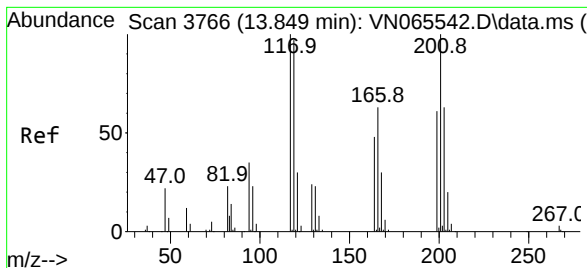
Tgt Ion:146 Resp: 4101
Ion Ratio Lower Upper
146 100
111 35.7 19.8 59.3
148 60.7 31.9 95.5



#89
n-Butylbenzene
Concen: 0.88 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 91 Resp: 6172
Ion Ratio Lower Upper
91 100
92 45.9 26.0 78.0
134 27.2 12.9 38.6

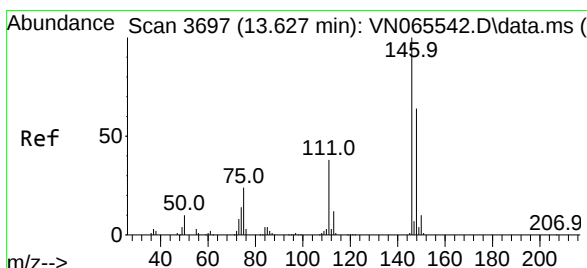
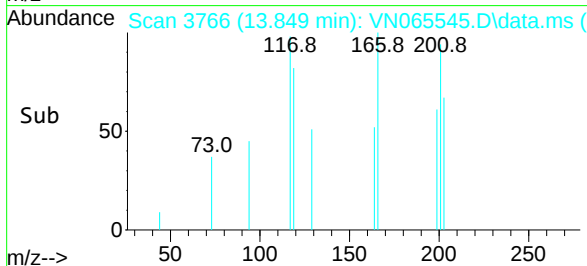
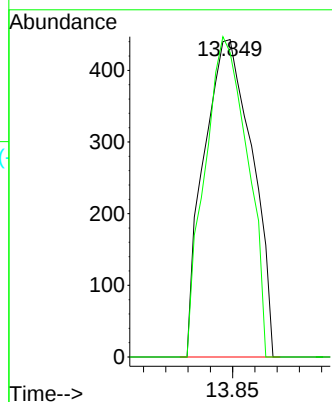
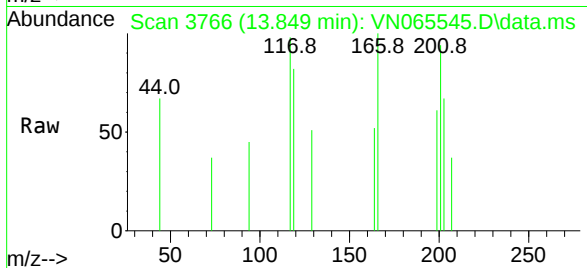




#90
Hexachloroethane
Concen: 0.47 ug/l
RT: 13.849 min Scan# 3766
Delta R.T. -0.000 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

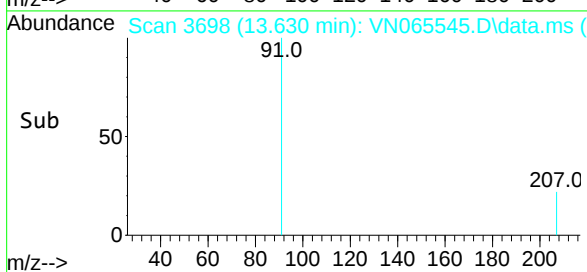
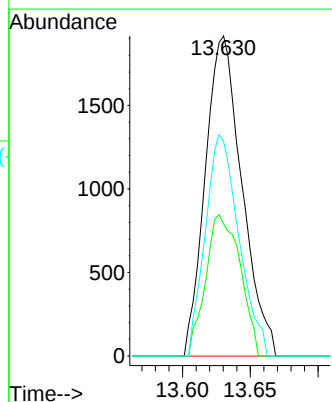
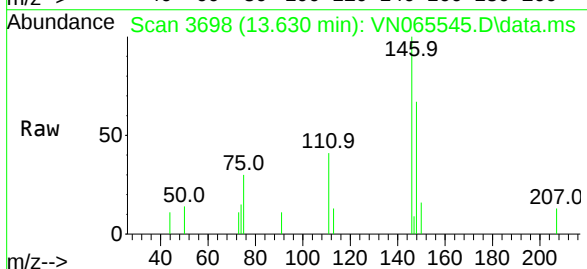
Instrument :
MSVOA_N
ClientSampled :
IBLK

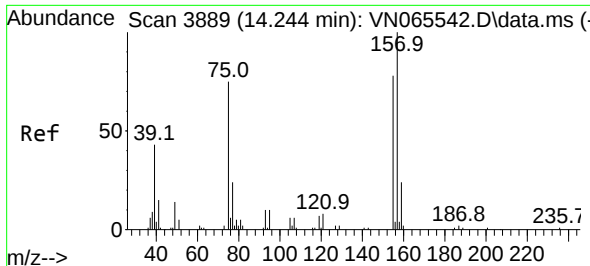
Tgt Ion:117 Resp: 666
Ion Ratio Lower Upper
117 100
201 88.9 40.1 120.3



#91
1,2-Dichlorobenzene
Concen: 0.74 ug/l
RT: 13.630 min Scan# 3698
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion:146 Resp: 3601
Ion Ratio Lower Upper
146 100
111 41.4 21.1 63.1
148 63.3 32.0 96.2

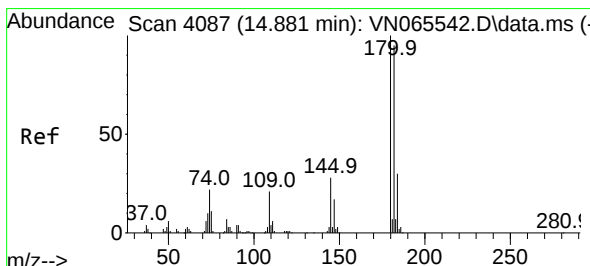
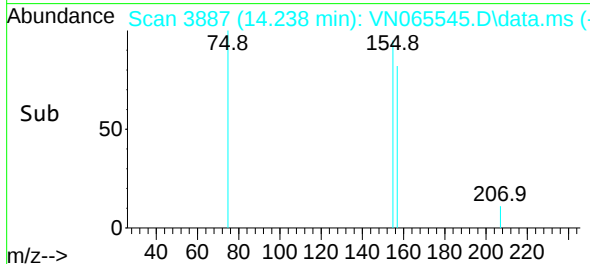
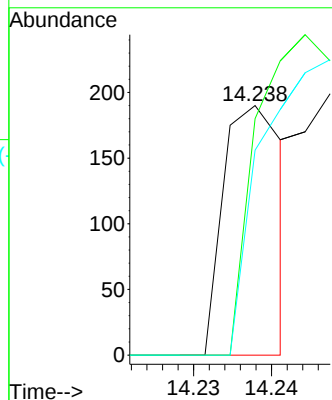
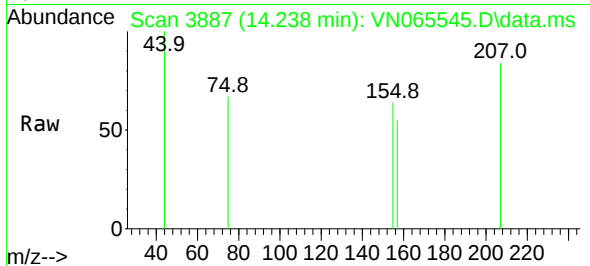




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.83 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. -0.006 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

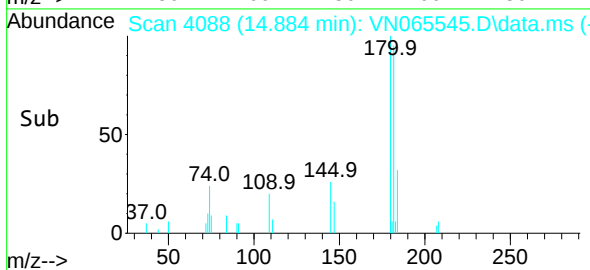
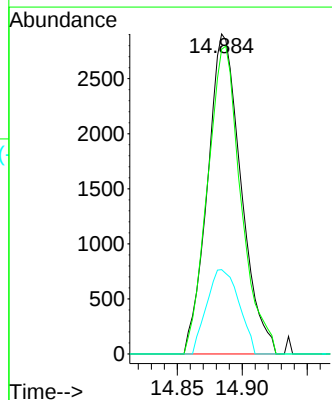
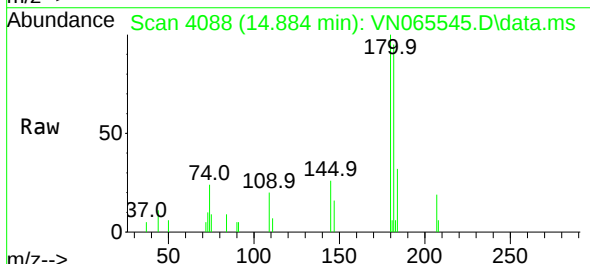
Instrument :
MSVOA_N
ClientSampleId :
IBLK

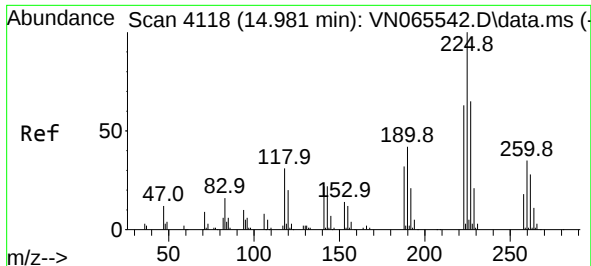
Tgt Ion: 75 Resp: 102
Ion Ratio Lower Upper
75 100
155 227.5 42.8 128.3#
157 263.7 56.4 169.1#



#93
1,2,4-Trichlorobenzene
Concen: 4.43 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion: 180 Resp: 5207
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.9
145 25.3 15.3 45.8

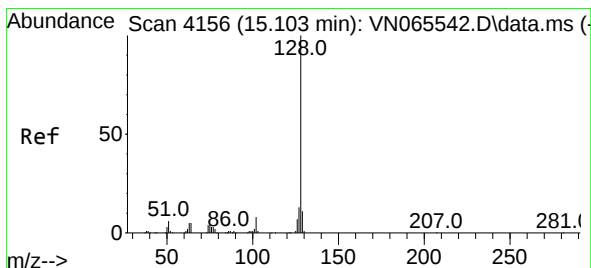
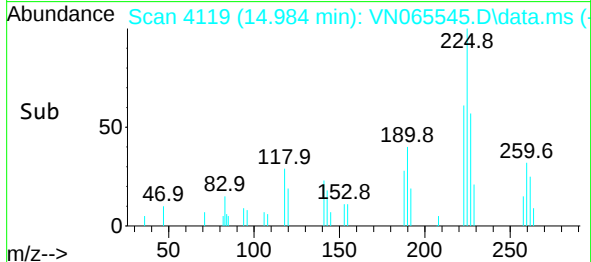
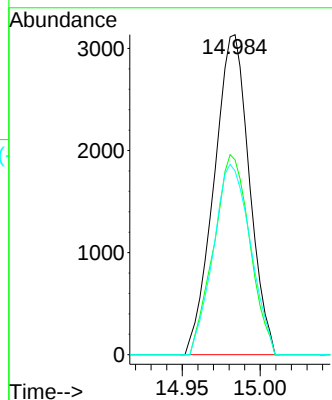
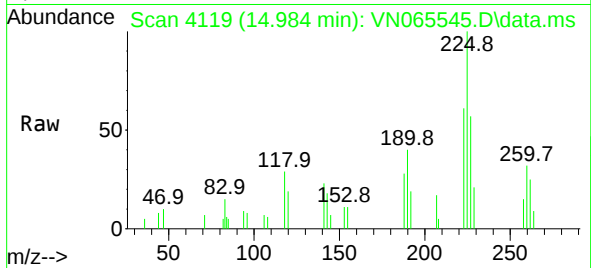




#94
Hexachlorobutadiene
Concen: 2.81 ug/l
RT: 14.984 min Scan# 4119
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

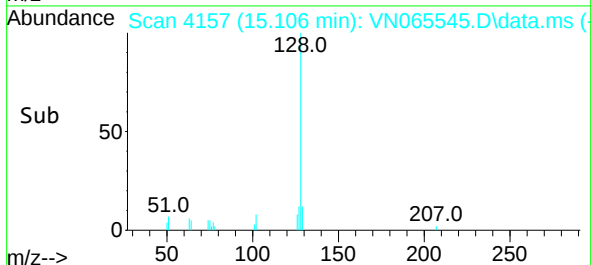
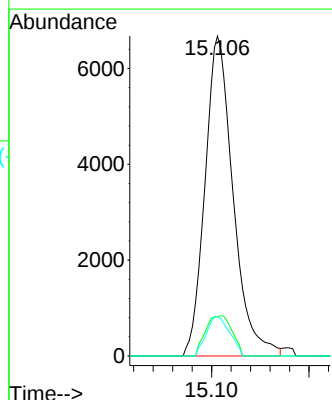
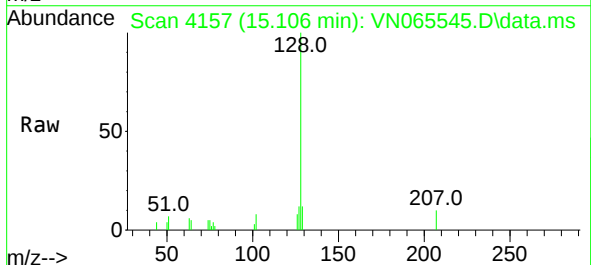
Instrument :
MSVOA_N
ClientSampled :
IBLK

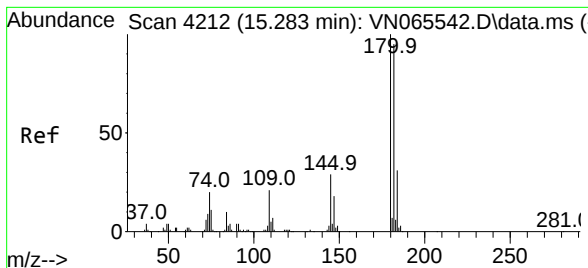
Tgt Ion:225 Resp: 4934
Ion Ratio Lower Upper
225 100
223 63.5 31.0 93.0
227 62.5 32.0 96.0



#95
Naphthalene
Concen: 4.82 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.003 min
Lab File: VN065545.D
Acq: 18 Jan 2021 14:47

Tgt Ion:128 Resp: 13388
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 10.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.56 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. -0.000 min
 Lab File: VN065545.D
 Acq: 18 Jan 2021 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 6159
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.1 144.4
 145 29.1 16.4 49.1

