

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066489.D
 Acq On : 6 Apr 2021 12:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 06 15:49:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	306669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	452640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	407371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	177828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	191119	47.32	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.64%		
35) Dibromofluoromethane	7.509	113	146103	47.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.72%		
50) Toluene-d8	10.028	98	559279	47.71	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.42%		
62) 4-Bromofluorobenzene	12.348	95	163416	42.99	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.98%		
Target Compounds						
						Qvalue
3) Chloromethane	2.017	50	2419	0.53	ug/l	97
5) Bromomethane	2.513	94	2027	0.55	ug/l	92
10) Methyl Iodide	3.870	142	2110	0.51	ug/l #	65
11) Tert butyl alcohol	4.680	59	335	0.51	ug/l #	85
12) 1,1-Dichloroethene	3.666	96	651	0.23	ug/l #	20
13) Acrolein	3.521	56	742	5.73	ug/l #	13
15) Acrylonitrile	4.902	53	2629	1.42	ug/l #	77
16) Acetone	3.749	43	4212	2.49	ug/l #	87
17) Carbon Disulfide	3.969	76	9748	1.06	ug/l	98
18) Methyl Acetate	4.251	43	1573	0.37	ug/l #	57
20) Methylene Chloride	4.449	84	1075	0.30	ug/l #	83
21) trans-1,2-Dichloroethene	4.943	96	1345	0.41	ug/l #	58
25) 2-Butanone	6.745	43	3409	1.34	ug/l #	80
29) Tetrahydrofuran	7.123	42	2651	1.56	ug/l #	49
31) Cyclohexane	7.576	56	3299	0.59	ug/l #	33
36) 1,1-Dichloropropene	7.710	75	1321	0.30	ug/l #	58
38) Carbon Tetrachloride	7.584	117	27810	6.24	ug/l #	18
42) 1,2-Dichloroethane	8.046	62	1464	0.30	ug/l #	76
46) Dibromomethane	9.143	93	829	0.35	ug/l #	62
48) Methyl methacrylate	9.129	41	1013	0.27	ug/l #	81
49) 1,4-Dioxane	9.140	88	390	7.68	ug/l #	63
51) 4-Methyl-2-Pentanone	9.923	43	11056	2.21	ug/l	91
52) Toluene	10.092	92	1759	0.21	ug/l	89
53) t-1,3-Dichloropropene	10.325	75	1525	0.30	ug/l #	84
55) 1,1,2-Trichloroethane	10.497	97	802	0.23	ug/l #	70
56) Ethyl methacrylate	10.376	69	1307	3.94	ug/l #	92
57) 1,3-Dichloropropane	10.653	76	1195	0.21	ug/l #	59
58) 2-Chloroethyl Vinyl ether	9.639	63	190	5.67	ug/l #	49
59) 2-Hexanone	10.704	43	10504	19.54	ug/l	85
61) 1,2-Dibromoethane	10.953	107	844	0.24	ug/l #	78
64) Tetrachloroethene	10.572	164	1448	0.42	ug/l #	81
65) Chlorobenzene	11.374	112	3421	0.40	ug/l	93
67) Ethyl Benzene	11.454	91	4368	0.30	ug/l	100
68) m/p-Xylenes	11.567	106	3308	0.61	ug/l	90
70) Styrene	11.924	104	1614	2.94	ug/l #	72
71) Bromoform	12.077	173	878	0.34	ug/l #	86

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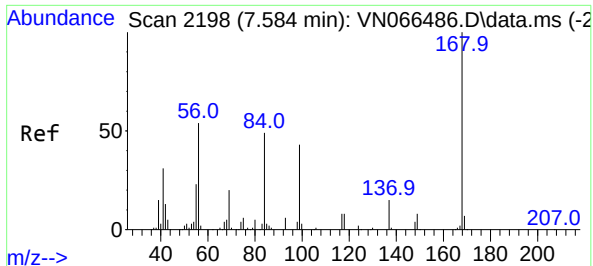
Quant Time: Apr 06 15:49:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	12.197	105	4065	0.31	ug/l	92
74) N-amyl acetate	12.020	43	66	12.74	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.455	83	3818	0.79	ug/l #	75
76) 1,2,3-Trichloropropane	12.348	75	81882	20.41	ug/l #	100
77) Bromobenzene	12.476	156	2056	0.60	ug/l	92
78) n-propylbenzene	12.543	91	7645	0.53	ug/l	79
79) 2-Chlorotoluene	12.624	91	5061	0.58	ug/l	92
80) 1,3,5-Trimethylbenzene	12.691	105	4324	0.40	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.348	75	81882	57.21	ug/l #	12
82) 4-Chlorotoluene	12.734	91	5516	0.64	ug/l	88
83) tert-Butylbenzene	12.940	119	4191	0.43	ug/l	96
84) 1,2,4-Trimethylbenzene	12.989	105	6181	0.60	ug/l	100
85) sec-Butylbenzene	13.117	105	8638	0.71	ug/l	96
86) p-Isopropyltoluene	13.235	119	7085	0.68	ug/l	85
87) 1,3-Dichlorobenzene	13.233	146	5391	0.92	ug/l	97
88) 1,4-Dichlorobenzene	13.233	146	5391	1.88	ug/l	95
89) n-Butylbenzene	13.573	91	19043	2.04	ug/l	87
90) Hexachloroethane	13.812	117	966	0.45	ug/l	66
91) 1,2-Dichlorobenzene	13.605	146	5409	0.93	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.230	75	791	1.20	ug/l #	53
93) 1,2,4-Trichlorobenzene	14.989	180	17351	6.83	ug/l	97
94) Hexachlorobutadiene	15.102	225	1709	0.85	ug/l #	27
95) Naphthalene	15.268	128	124853	13.49	ug/l	99
96) 1,2,3-Trichlorobenzene	15.507	180	23173	7.99	ug/l #	89

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

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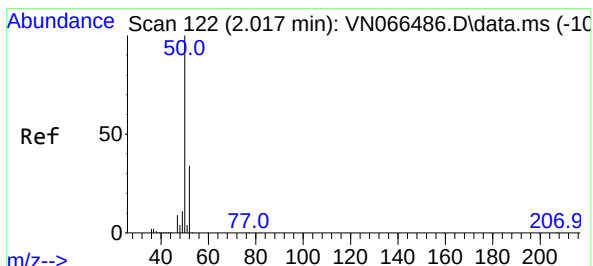
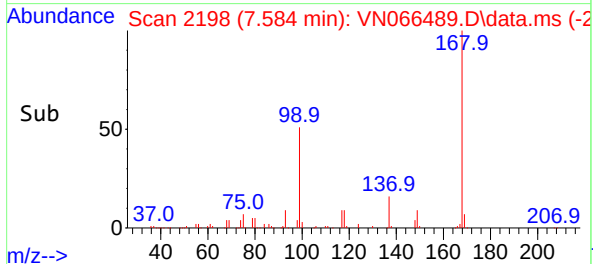
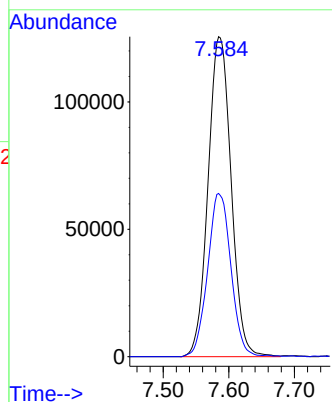
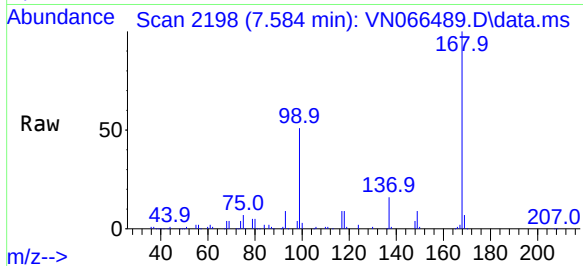




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

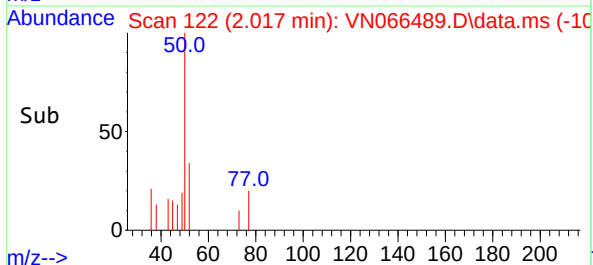
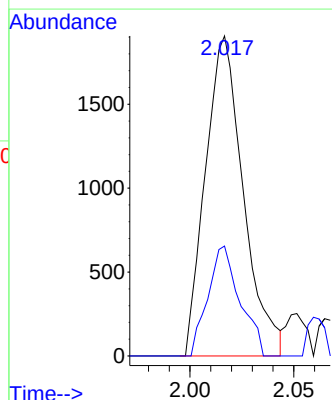
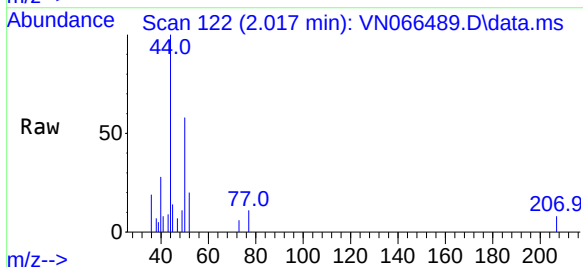
Instrument :
MSVOA_N
ClientSampled :
IBLK

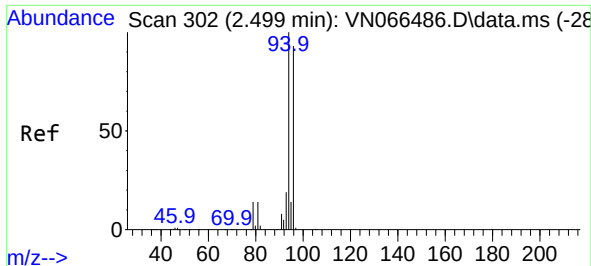
Tgt Ion:168 Resp: 306669
Ion Ratio Lower Upper
168 100
99 51.0 41.1 61.7



#3
Chloromethane
Concen: 0.53 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 50 Resp: 2419
Ion Ratio Lower Upper
50 100
52 34.3 26.2 39.2

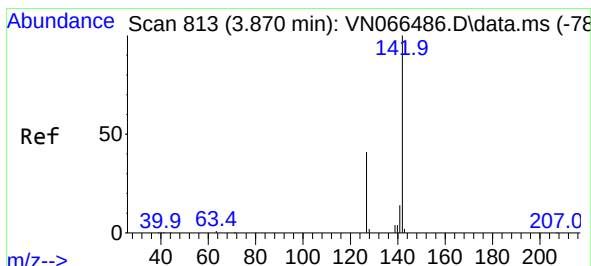
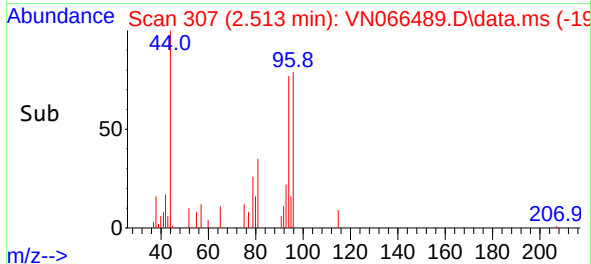
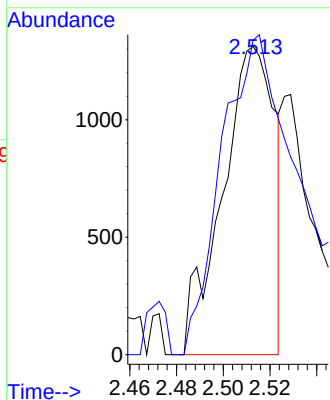
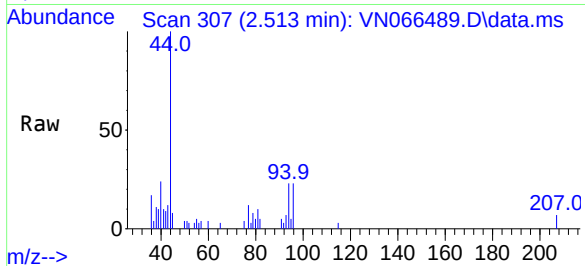




#5
Bromomethane
Concen: 0.55 ug/l
RT: 2.513 min Scan# 307
Delta R.T. 0.014 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

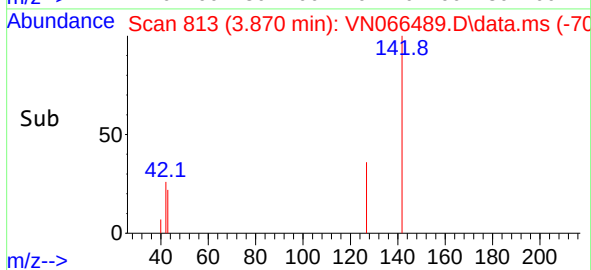
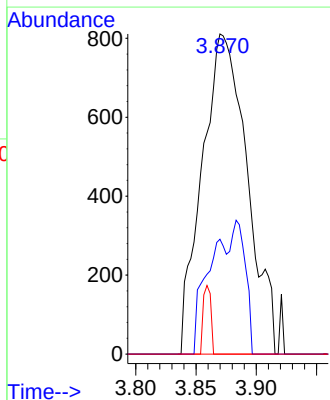
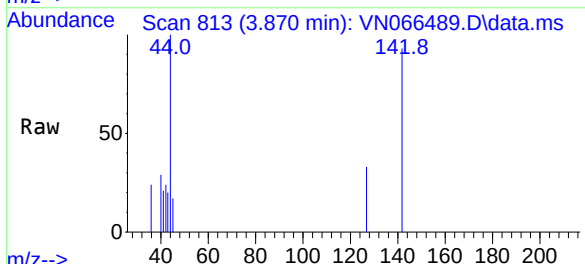
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ClientSampled :
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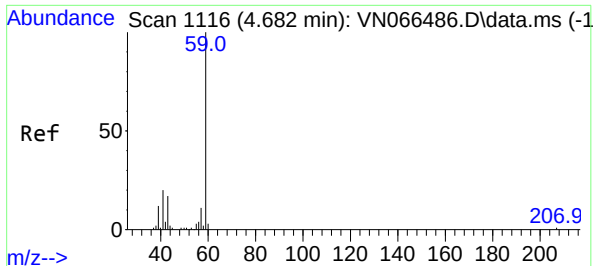
Tgt Ion: 94 Resp: 2027
Ion Ratio Lower Upper
94 100
96 102.0 75.8 113.6



#10
Methyl Iodide
Concen: 0.51 ug/l
RT: 3.870 min Scan# 813
Delta R.T. -0.000 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion:142 Resp: 2110
Ion Ratio Lower Upper
142 100
127 17.4 33.0 49.6#
141 3.6 11.1 16.7#

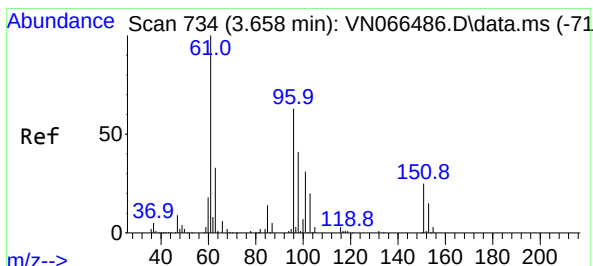
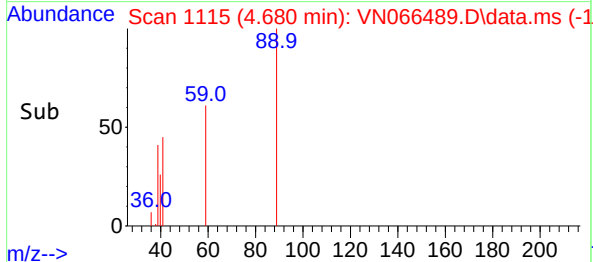
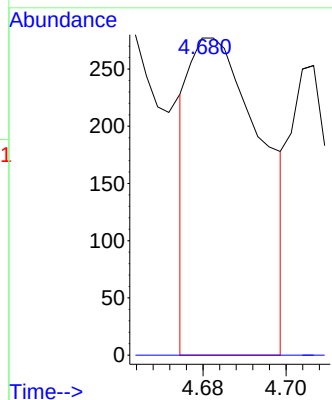
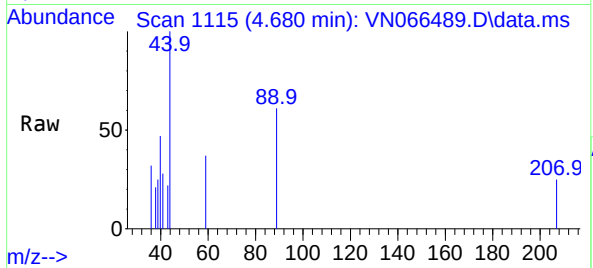




#11
Tert butyl alcohol
Concen: 0.51 ug/l
RT: 4.680 min Scan# 1115
Delta R.T. -0.002 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

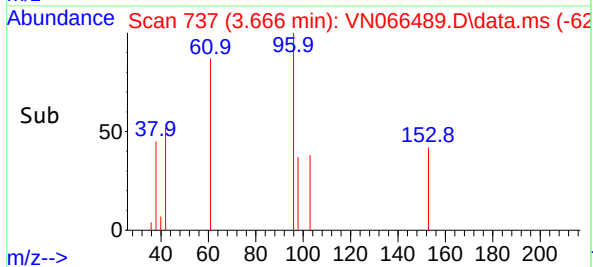
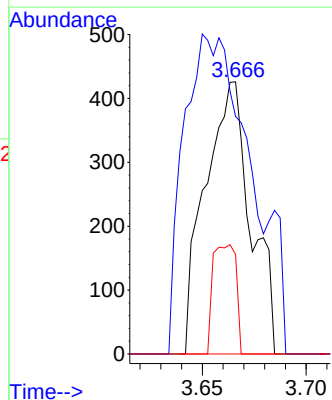
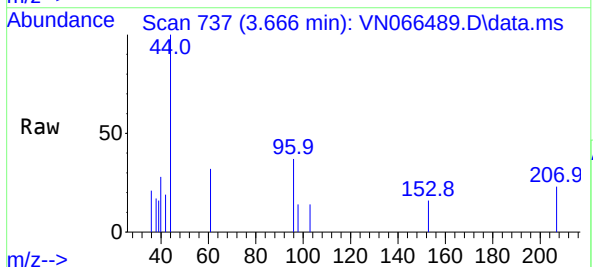
Instrument :
MSVOA_N
ClientSampled :
IBLK

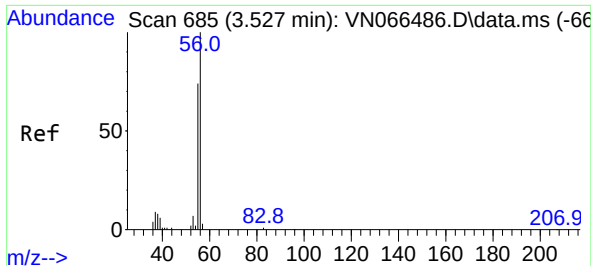
Tgt Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 0.0 4.1 6.1#



#12
1,1-Dichloroethene
Concen: 0.23 ug/l
RT: 3.666 min Scan# 737
Delta R.T. 0.008 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 96 Resp: 651
Ion Ratio Lower Upper
96 100
61 37.3 137.0 205.4#
98 36.6 51.5 77.3#

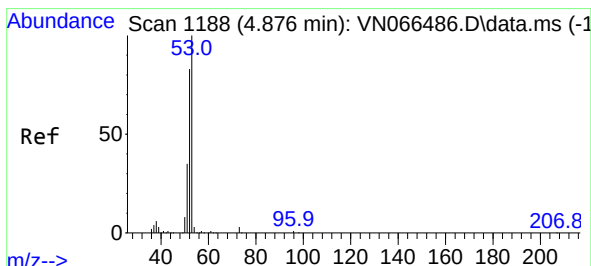
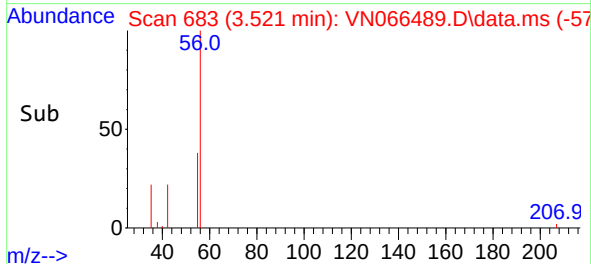
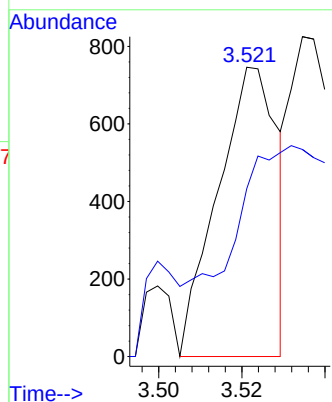
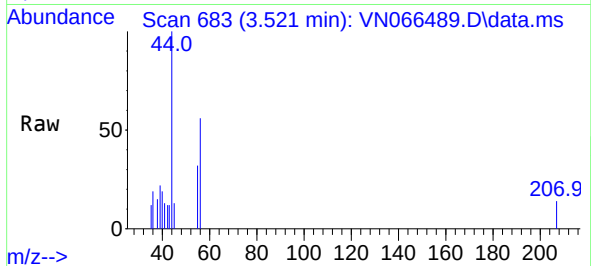




#13
Acrolein
Concen: 5.73 ug/l
RT: 3.521 min Scan# 683
Delta R.T. -0.006 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

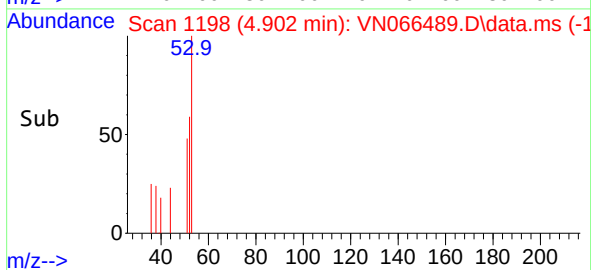
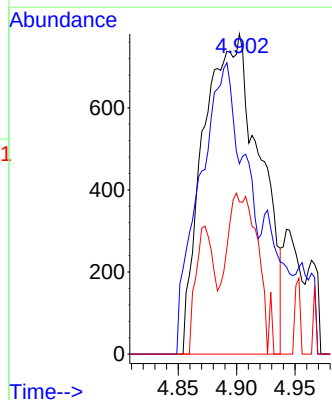
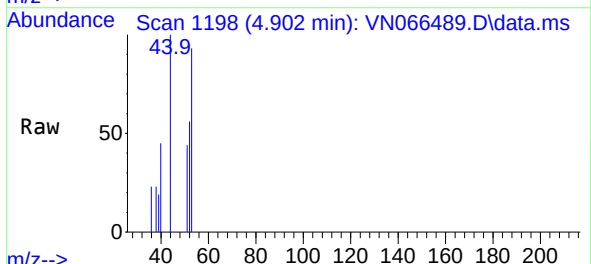
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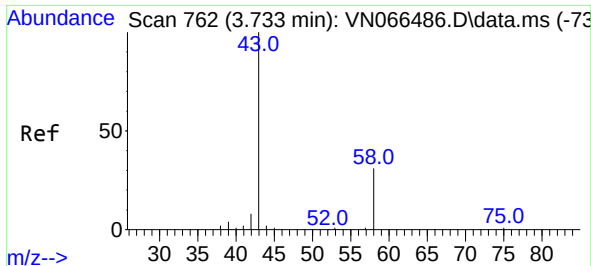
Tgt Ion: 56 Resp: 742
Ion Ratio Lower Upper
56 100
55 0.0 57.9 86.9#



#15
Acrylonitrile
Concen: 1.42 ug/l
RT: 4.902 min Scan# 1198
Delta R.T. 0.026 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 53 Resp: 2629
Ion Ratio Lower Upper
53 100
52 58.6 66.6 99.8#
51 28.2 29.4 44.0#

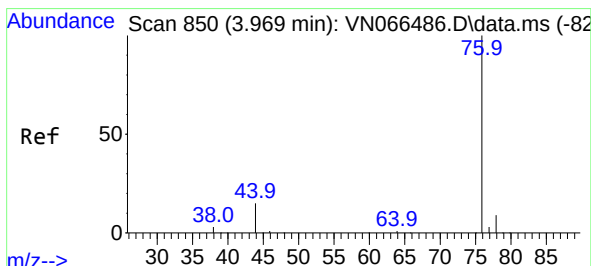
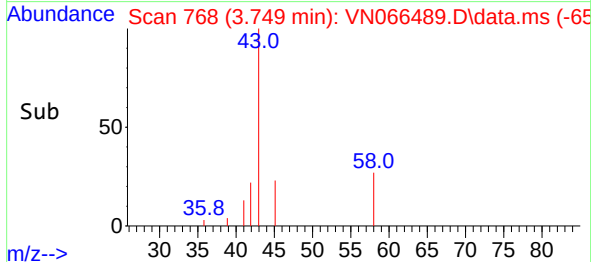
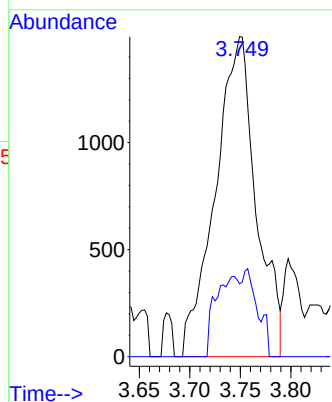
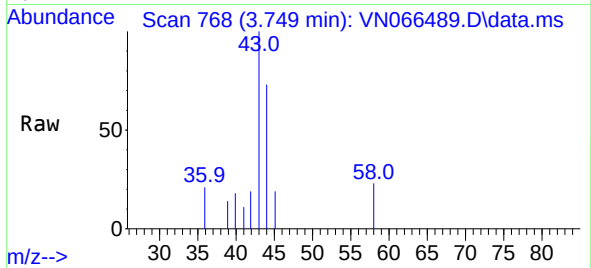




#16
Acetone
Concen: 2.49 ug/l
RT: 3.749 min Scan# 768
Delta R.T. 0.016 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

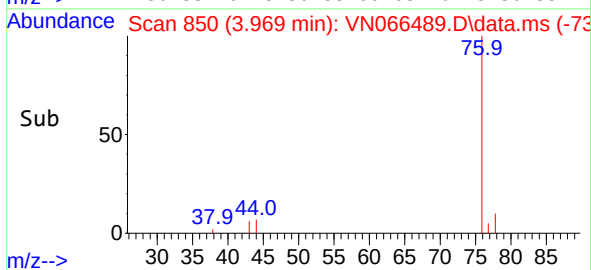
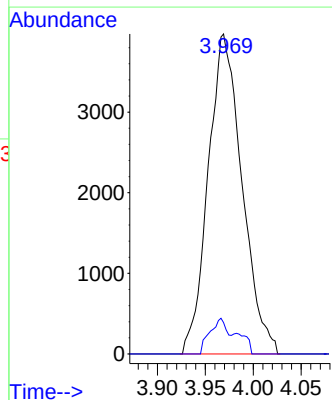
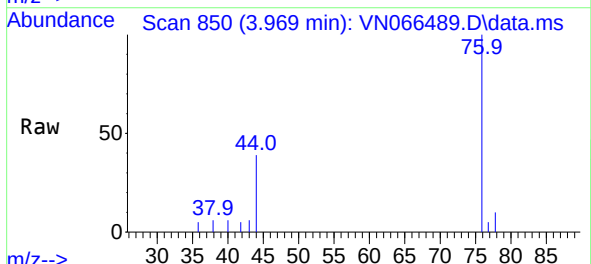
Instrument :
MSVOA_N
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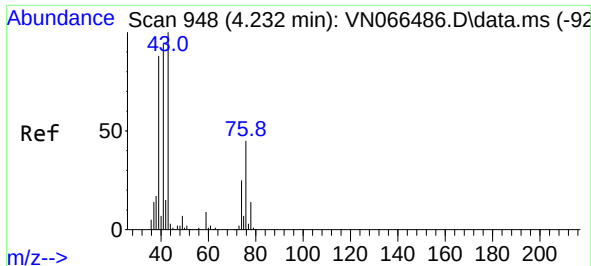
Tgt Ion: 43 Resp: 4212
Ion Ratio Lower Upper
43 100
58 22.8 23.8 35.8#



#17
Carbon Disulfide
Concen: 1.06 ug/l
RT: 3.969 min Scan# 850
Delta R.T. 0.000 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 76 Resp: 9748
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0





#18

Methyl Acetate

Concen: 0.37 ug/l

RT: 4.251 min Scan# 955

Delta R.T. 0.019 min

Lab File: VN066489.D

Acq: 6 Apr 2021 12:31

Instrument :

MSVOA_N

ClientSampleId :

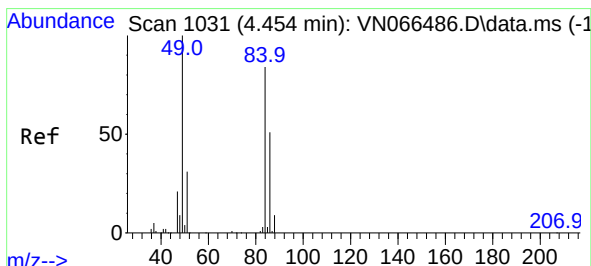
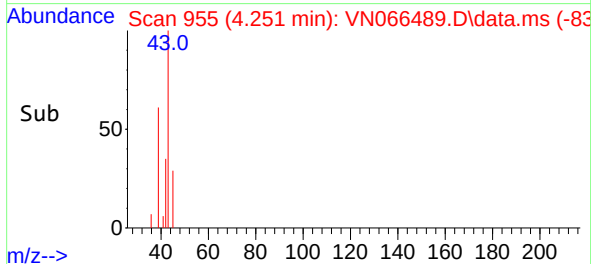
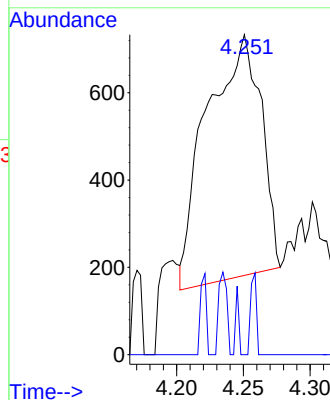
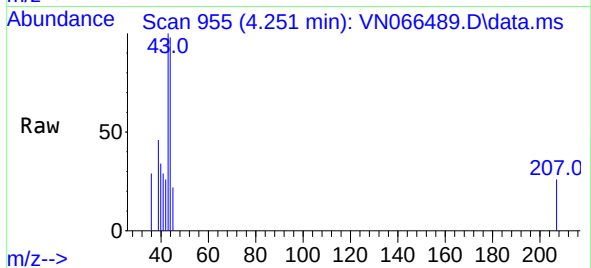
IBLK

Tgt Ion: 43 Resp: 1573

Ion Ratio Lower Upper

43 100

74 1.6 17.6 26.4#



#20

Methylene Chloride

Concen: 0.30 ug/l

RT: 4.449 min Scan# 1029

Delta R.T. -0.005 min

Lab File: VN066489.D

Acq: 6 Apr 2021 12:31

Tgt Ion: 84 Resp: 1075

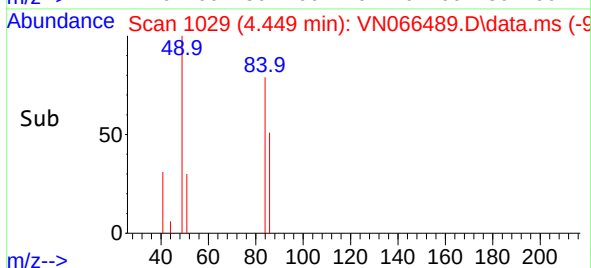
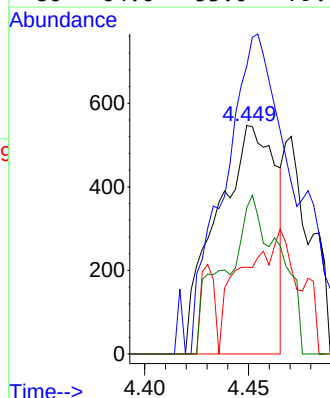
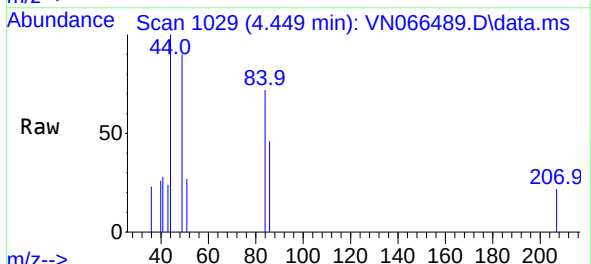
Ion Ratio Lower Upper

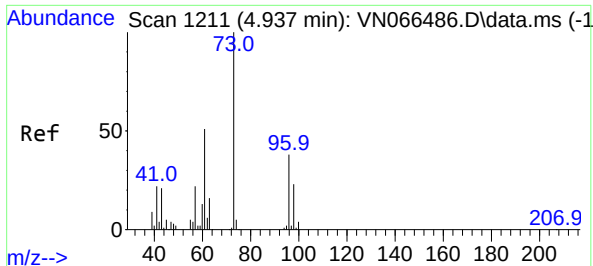
84 100

49 97.6 105.0 157.6#

51 38.0 31.6 47.4

86 64.0 53.0 79.6

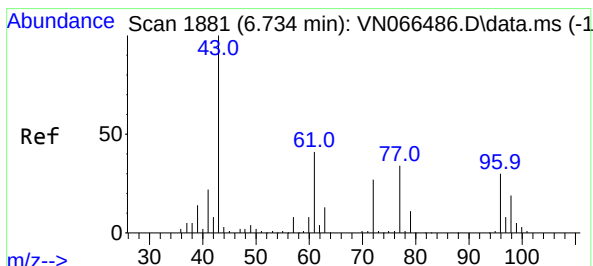
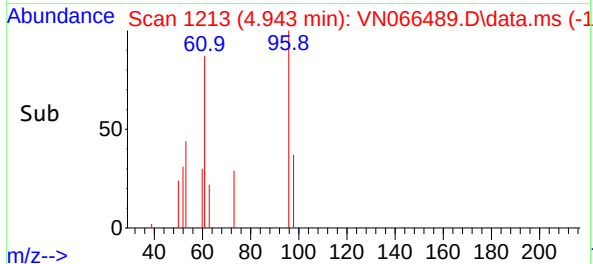
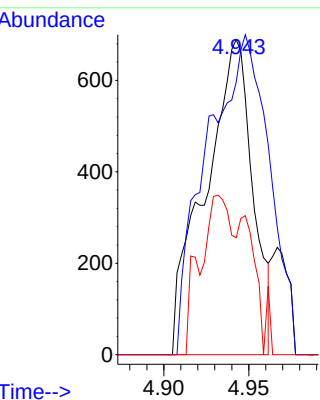
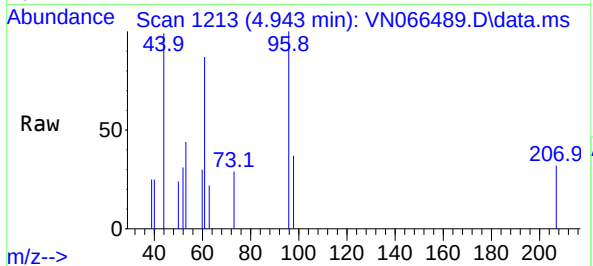




#21
trans-1,2-Dichloroethene
Concen: 0.41 ug/l
RT: 4.943 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

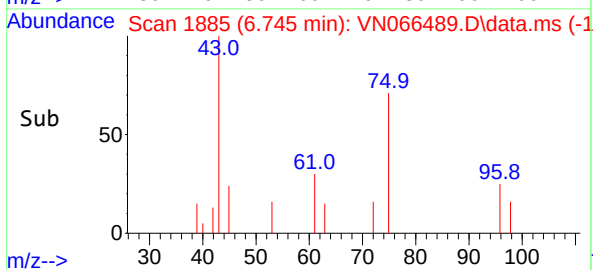
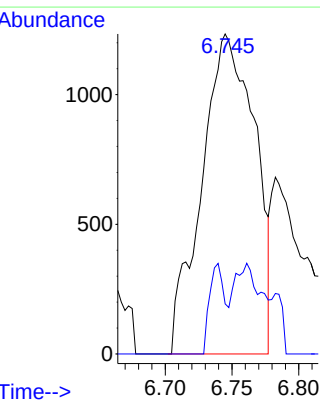
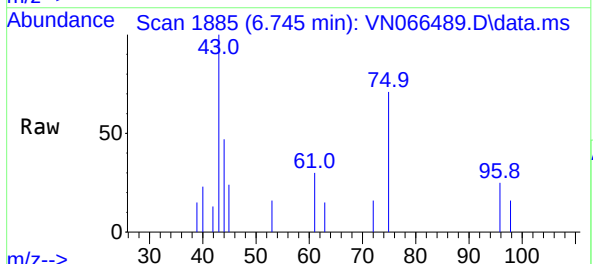
Instrument :
MSVOA_N
ClientSampled :
IBLK

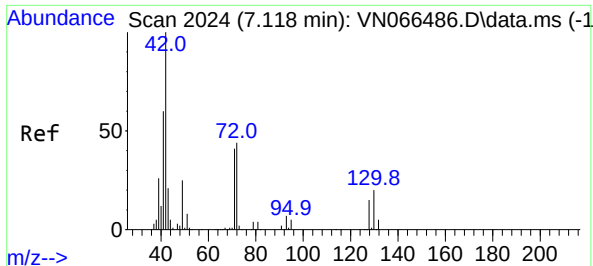
Tgt Ion: 96 Resp: 1345
Ion Ratio Lower Upper
96 100
61 86.5 113.7 170.5#
98 37.2 50.2 75.2#



#25
2-Butanone
Concen: 1.34 ug/l
RT: 6.745 min Scan# 1885
Delta R.T. 0.011 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 43 Resp: 3409
Ion Ratio Lower Upper
43 100
72 15.6 20.7 31.1#

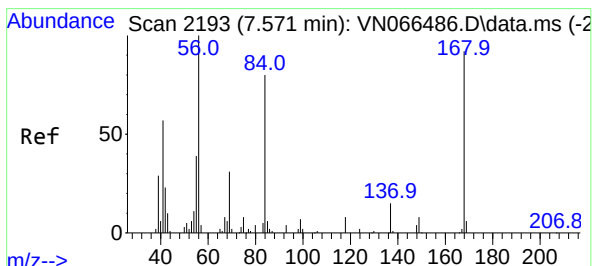
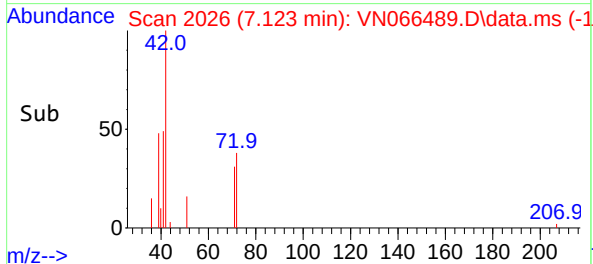
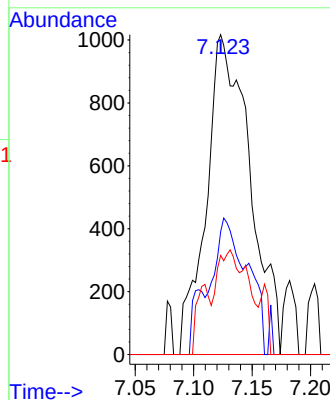
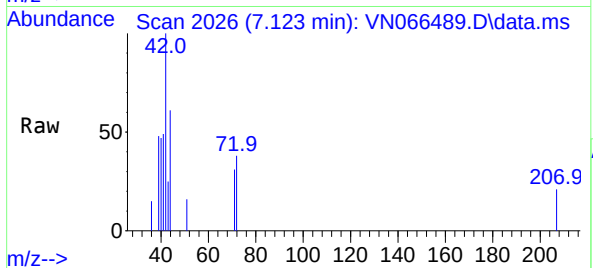




#29
Tetrahydrofuran
Concen: 1.56 ug/l
RT: 7.123 min Scan# 2026
Delta R.T. 0.005 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

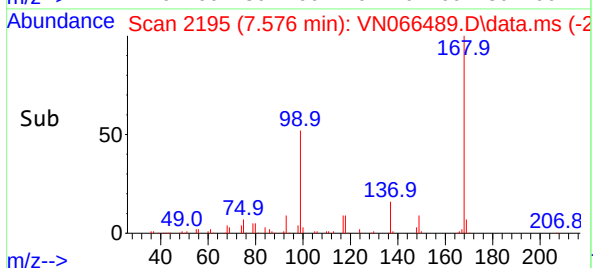
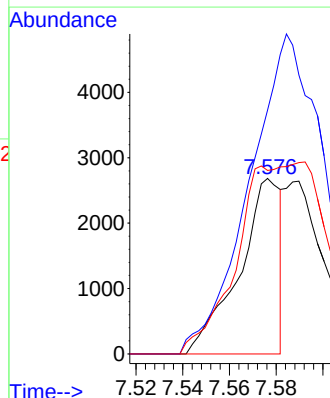
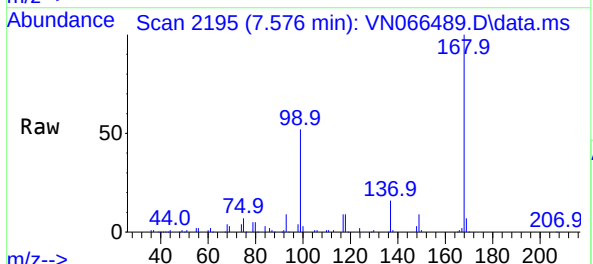
Instrument :
MSVOA_N
ClientSampled :
IBLK

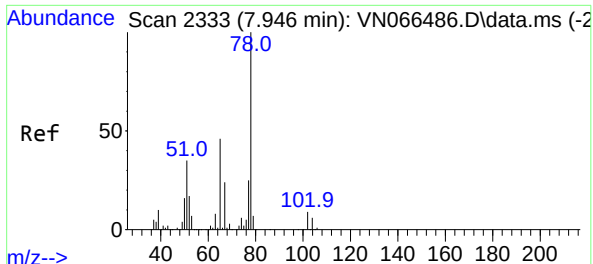
Tgt Ion:	42	Resp:	2651
Ion	Ratio	Lower	Upper
42	100		
72	12.1	35.2	52.8#
71	8.3	33.1	49.7#



#31
Cyclohexane
Concen: 0.59 ug/l
RT: 7.576 min Scan# 2195
Delta R.T. 0.005 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion:	56	Resp:	3299
Ion	Ratio	Lower	Upper
56	100		
69	139.0	26.6	40.0#
84	104.6	68.7	103.1#

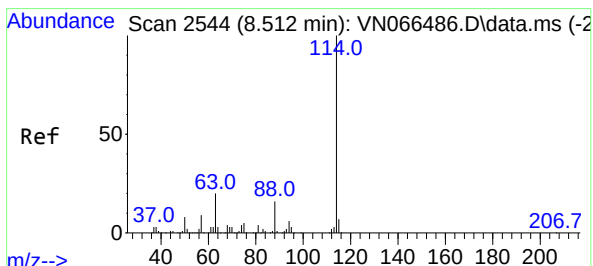
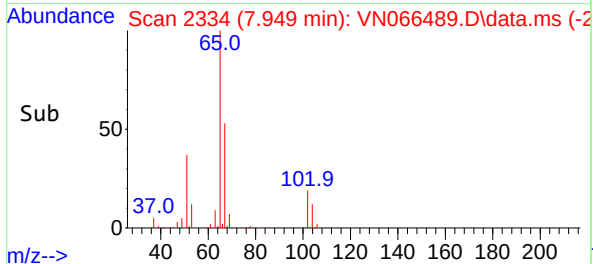
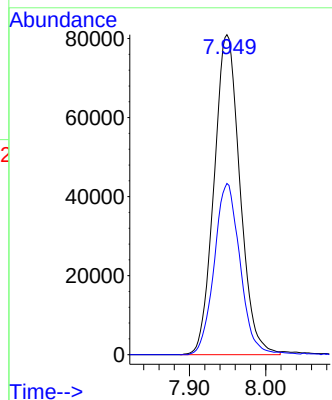
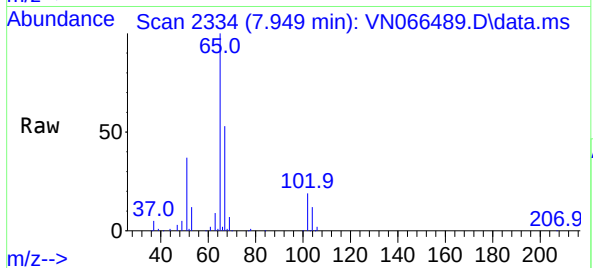




#33
1,2-Dichloroethane-d4
Concen: 47.32 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

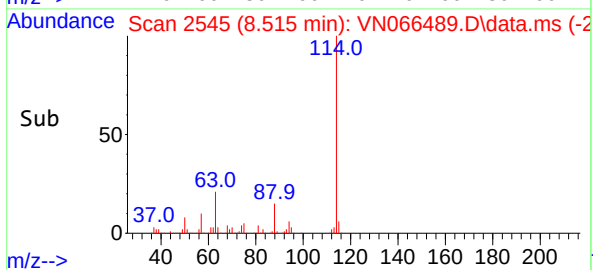
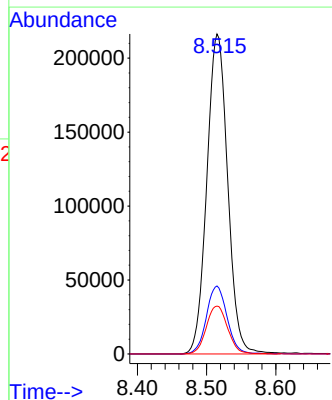
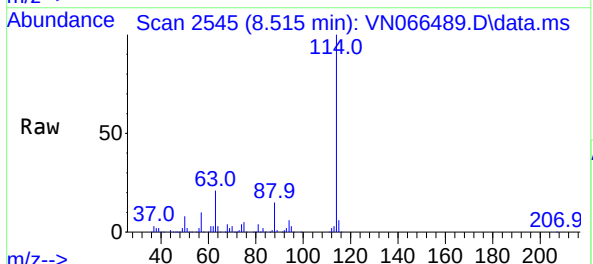
Instrument :
MSVOA_N
ClientSampled :
IBLK

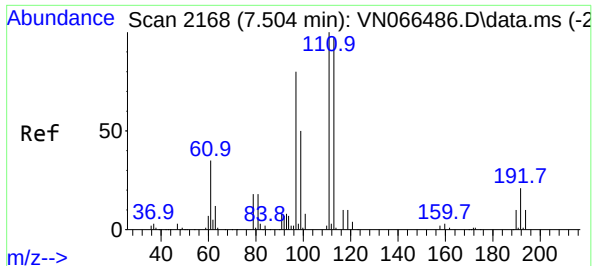
Tgt Ion: 65 Resp: 191119
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 114 Resp: 452640
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.0
88 15.0 0.0 31.0



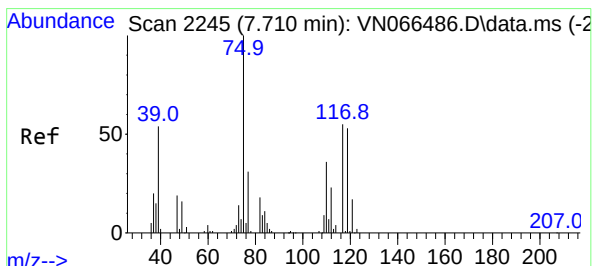
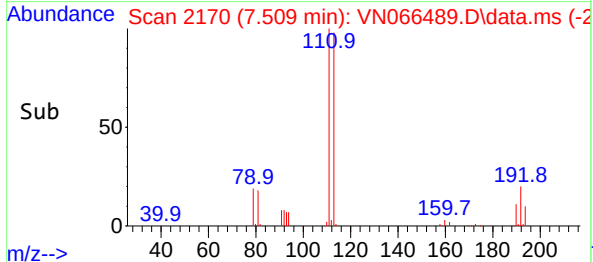
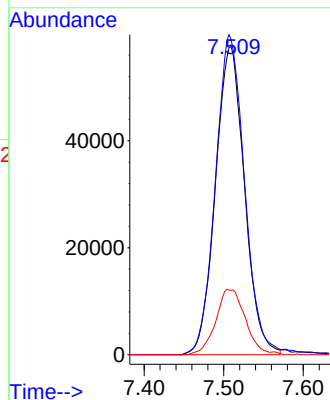
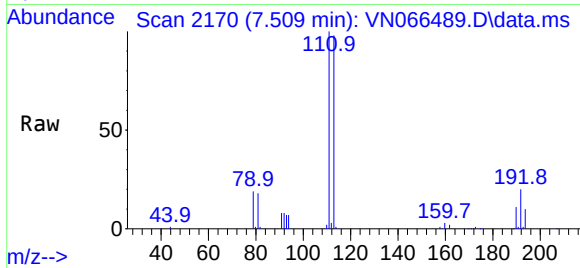


#35
Dibromofluoromethane
Concen: 47.36 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.005 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:113 Resp: 146103

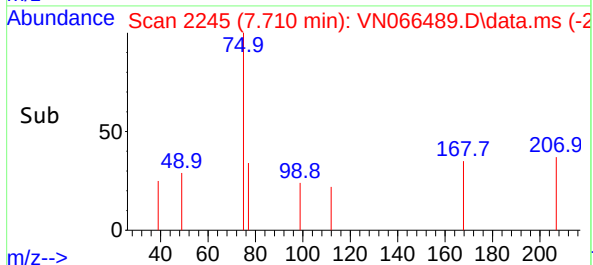
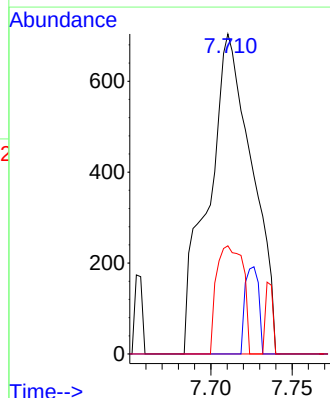
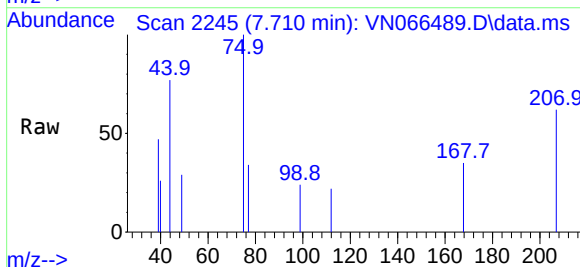
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.8	122.8
192	21.4	17.1	25.7

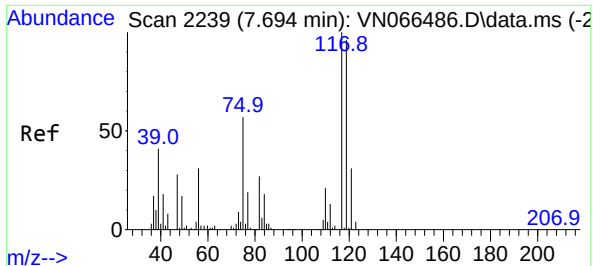


#36
1,1-Dichloropropene
Concen: 0.30 ug/l
RT: 7.710 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 75 Resp: 1321

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.3#
77	20.3	25.0	37.4#

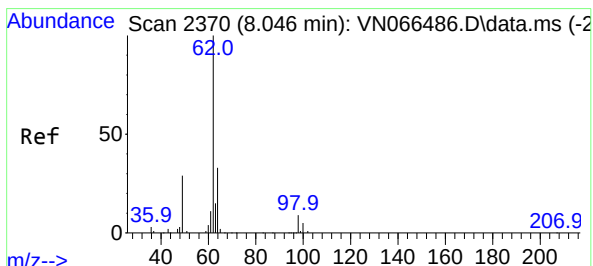
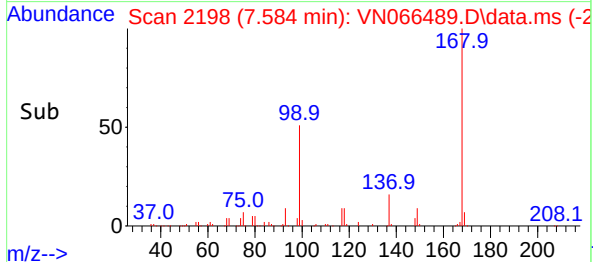
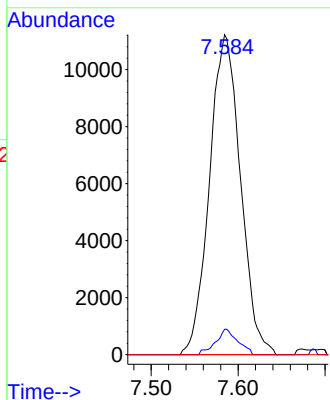
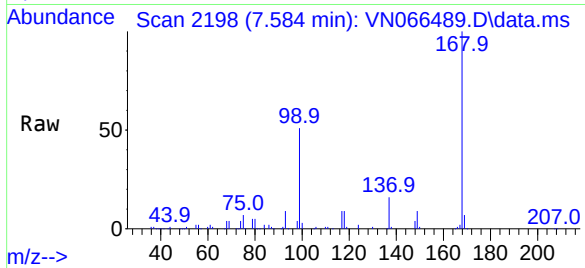




#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.110 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

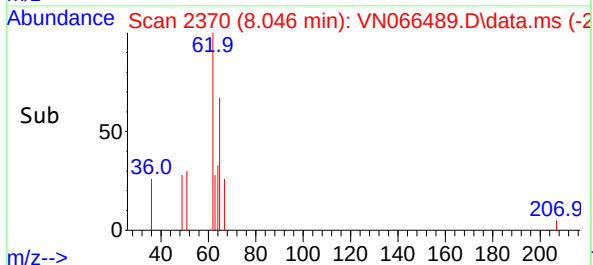
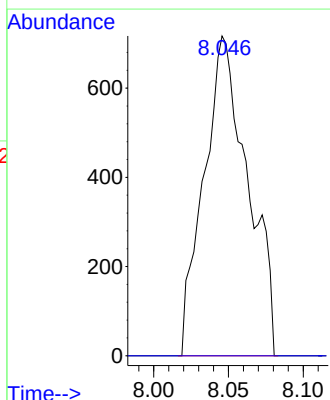
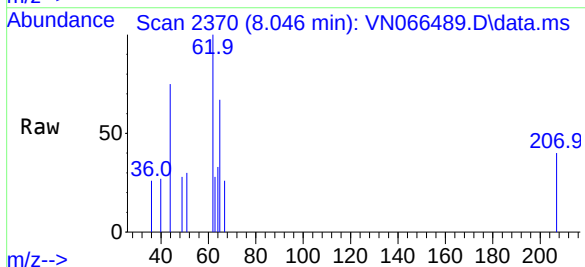
Instrument :
MSVOA_N
ClientSampled :
IBLK

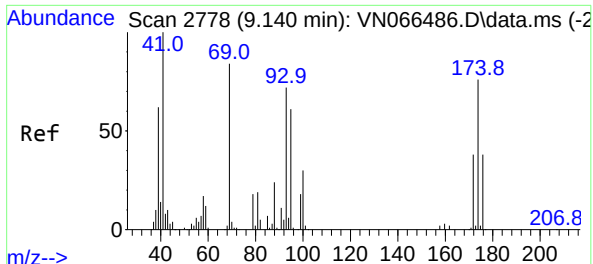
Tgt Ion:117 Resp: 27810
Ion Ratio Lower Upper
117 100
119 7.9 77.2 115.8#
121 0.0 24.2 36.4#



#42
1,2-Dichloroethane
Concen: 0.30 ug/l
RT: 8.046 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 62 Resp: 1464
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.6

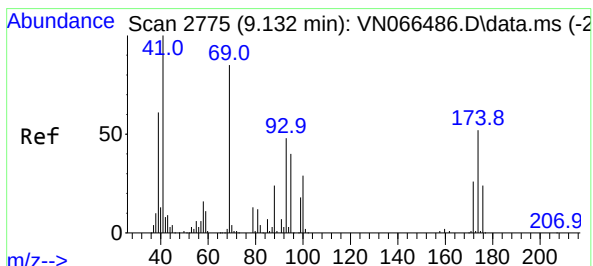
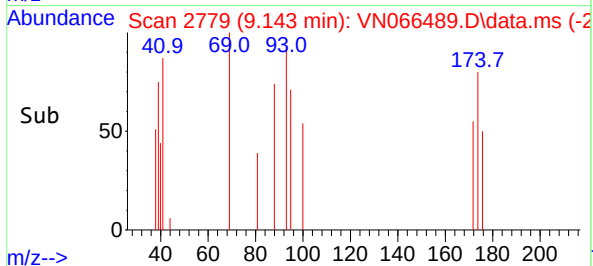
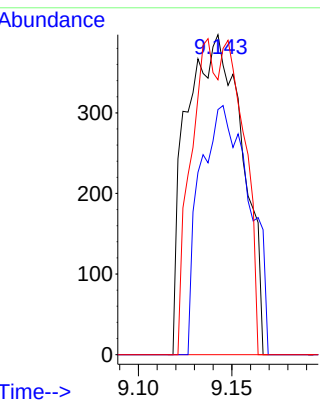
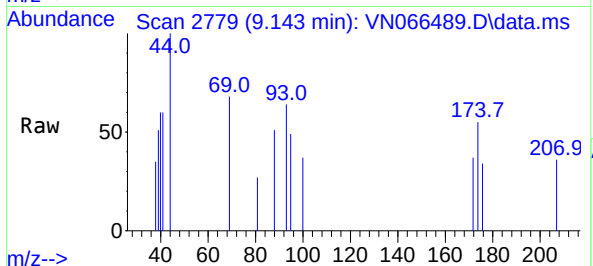




#46
Dibromomethane
Concen: 0.35 ug/l
RT: 9.143 min Scan# 2779
Delta R.T. 0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

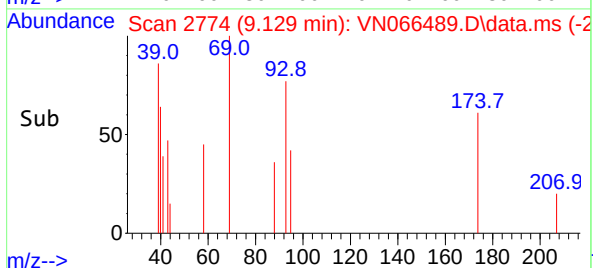
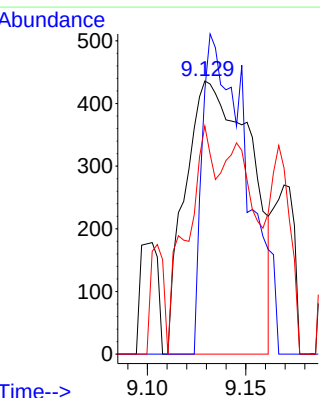
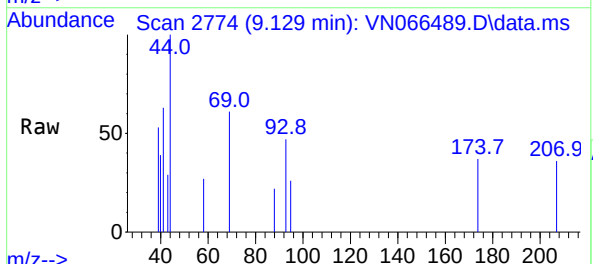
Instrument :
MSVOA_N
ClientSampled :
IBLK

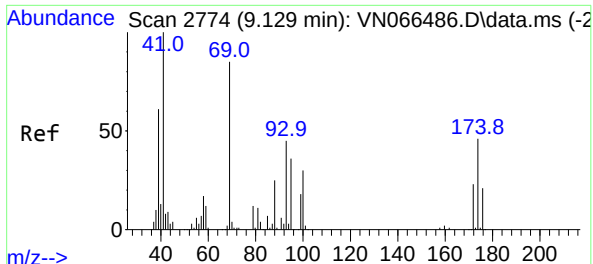
Tgt Ion: 93 Resp: 829
Ion Ratio Lower Upper
93 100
95 68.2 66.8 100.2
174 47.5 83.2 124.8#



#48
Methyl methacrylate
Concen: 0.27 ug/l
RT: 9.129 min Scan# 2774
Delta R.T. -0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 41 Resp: 1013
Ion Ratio Lower Upper
41 100
69 79.0 66.2 99.4
39 35.2 51.5 77.3#

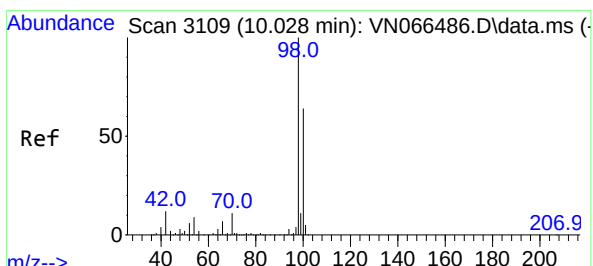
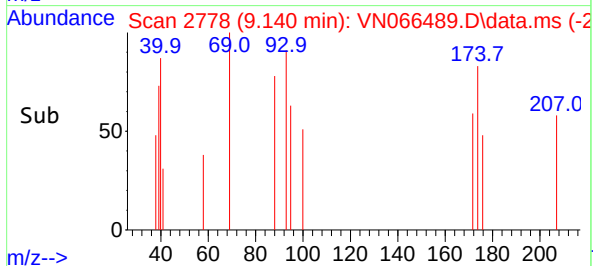
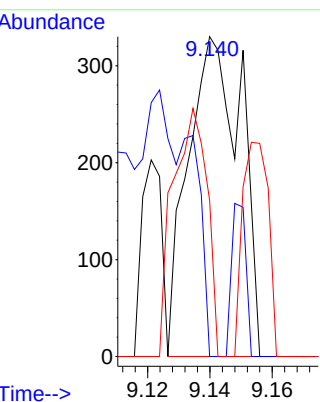
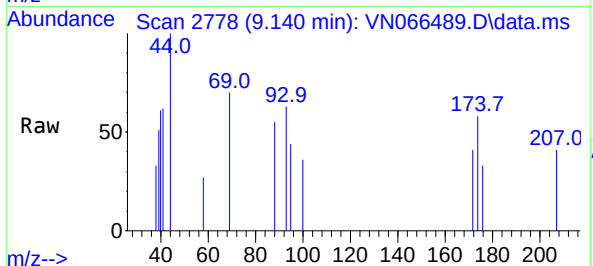




#49
1,4-Dioxane
Concen: 7.68 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. 0.011 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

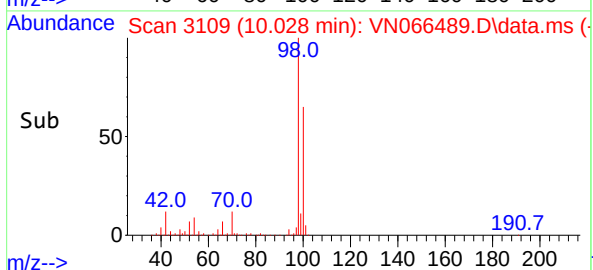
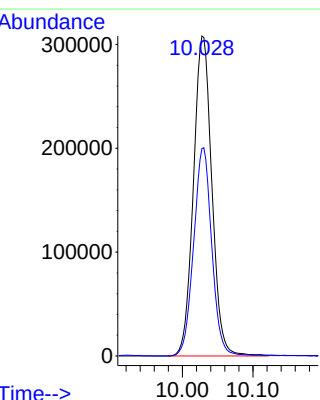
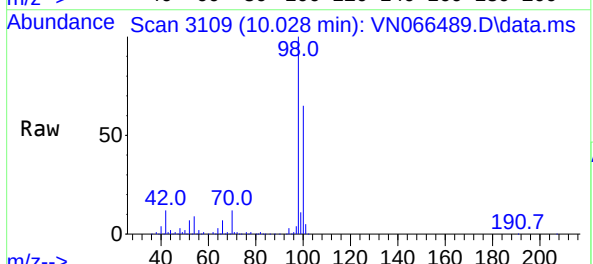
Instrument :
MSVOA_N
ClientSampled :
IBLK

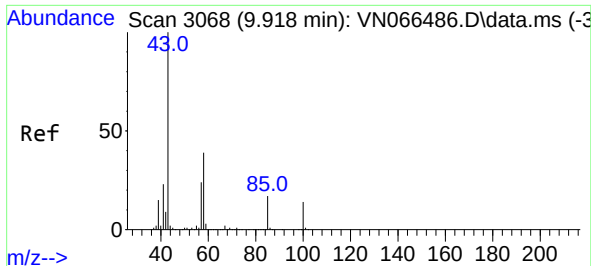
Tgt Ion: 88 Resp: 390
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 49.7 56.6 84.8#



#50
Toluene-d8
Concen: 47.71 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 98 Resp: 559279
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

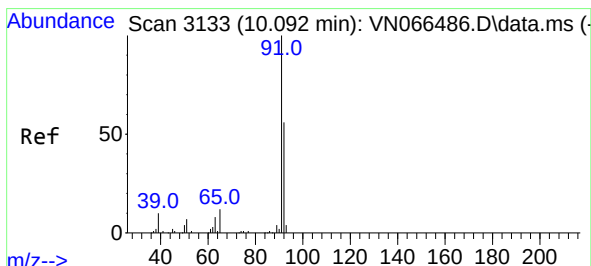
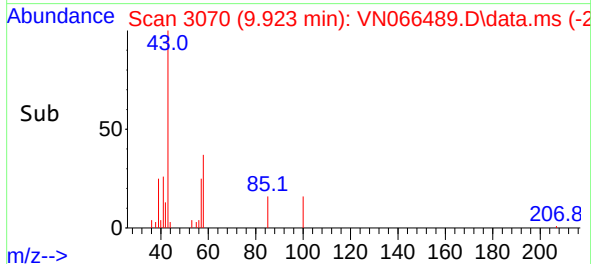
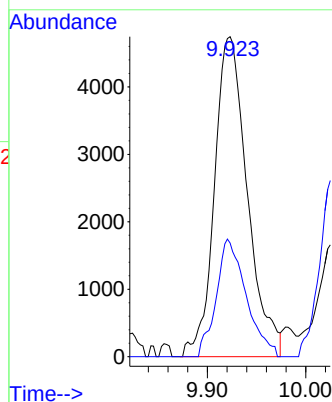
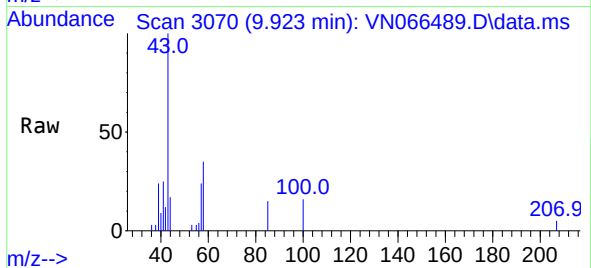




#51
4-Methyl-2-Pentanone
Concen: 2.21 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.005 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

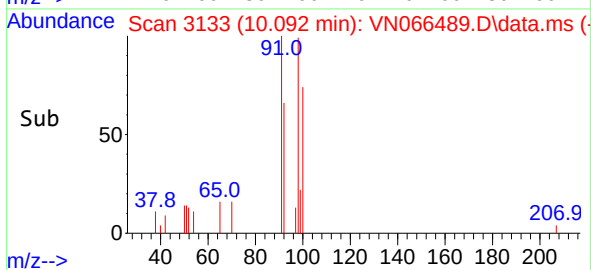
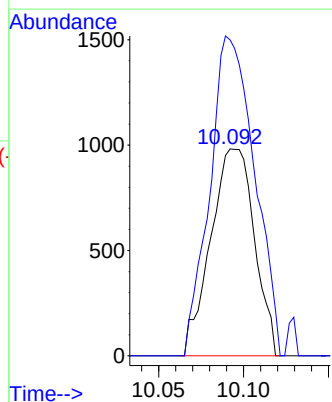
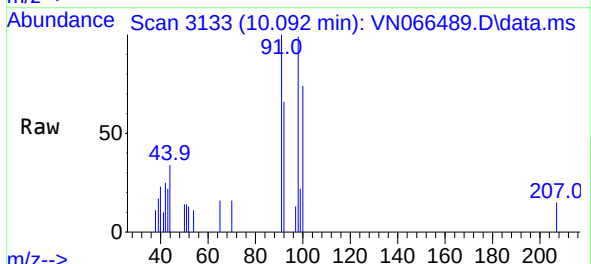
Instrument :
MSVOA_N
ClientSampled :
IBLK

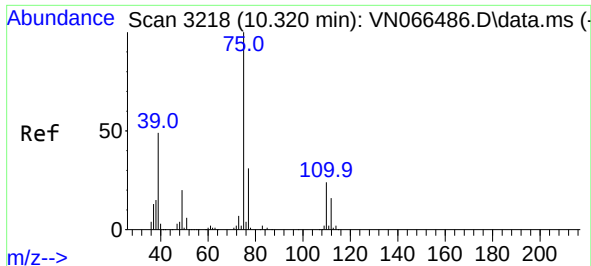
Tgt Ion: 43 Resp: 11056
Ion Ratio Lower Upper
43 100
58 33.3 30.8 46.2



#52
Toluene
Concen: 0.21 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 92 Resp: 1759
Ion Ratio Lower Upper
92 100
91 158.2 138.8 208.2

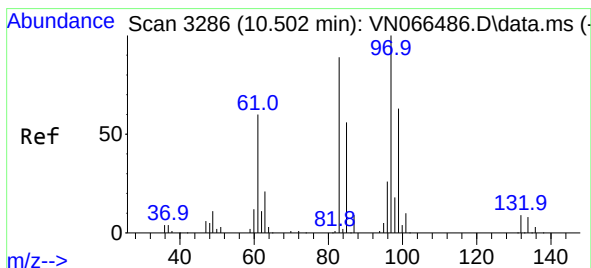
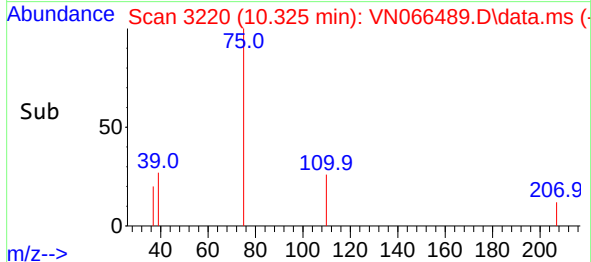
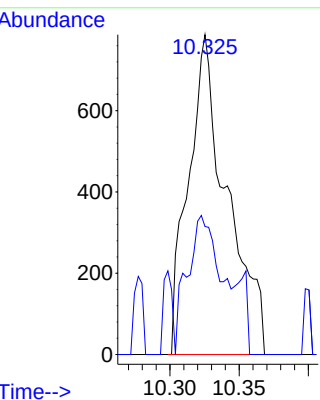
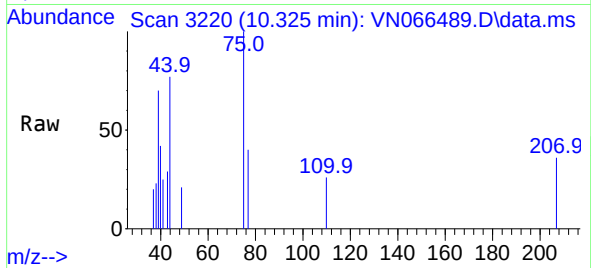




#53
t-1,3-Dichloropropene
Concen: 0.30 ug/l
RT: 10.325 min Scan# 3220
Delta R.T. 0.005 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

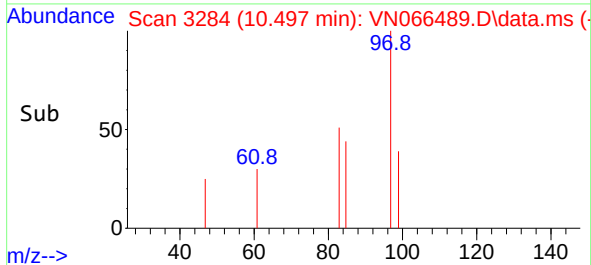
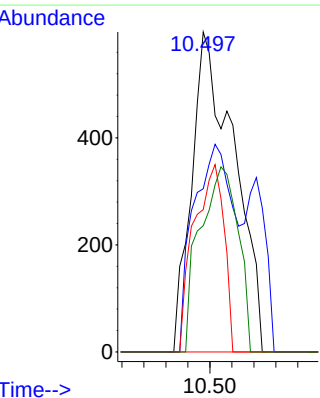
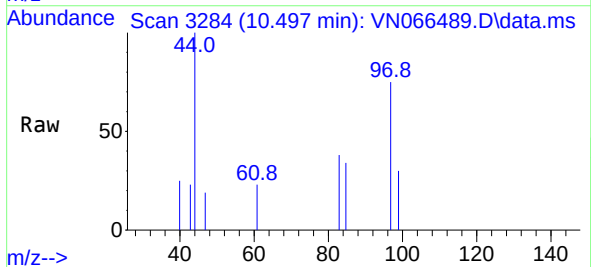
Instrument :
MSVOA_N
ClientSampled :
IBLK

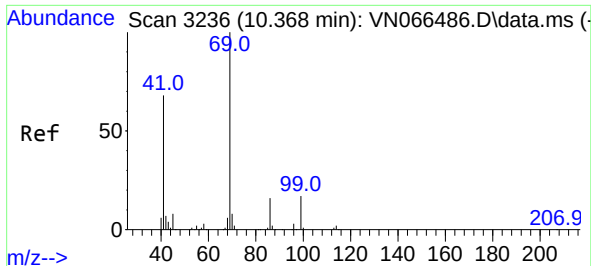
Tgt Ion: 75 Resp: 1525
Ion Ratio Lower Upper
75 100
77 40.0 25.0 37.6#



#55
1,1,2-Trichloroethane
Concen: 0.23 ug/l
RT: 10.497 min Scan# 3284
Delta R.T. -0.005 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 97 Resp: 802
Ion Ratio Lower Upper
97 100
83 51.0 68.9 103.3#
85 44.5 45.1 67.7#
99 39.5 49.9 74.9#

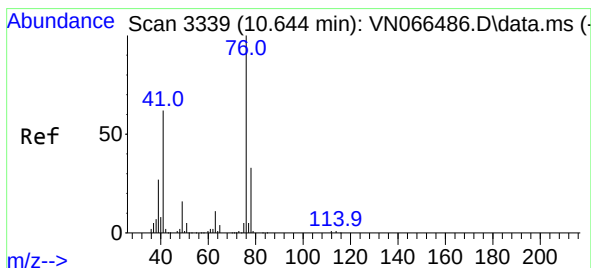
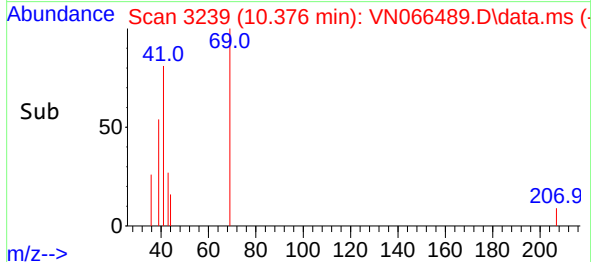
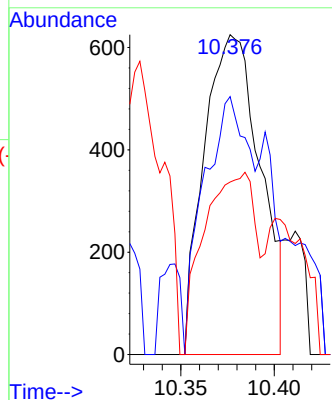
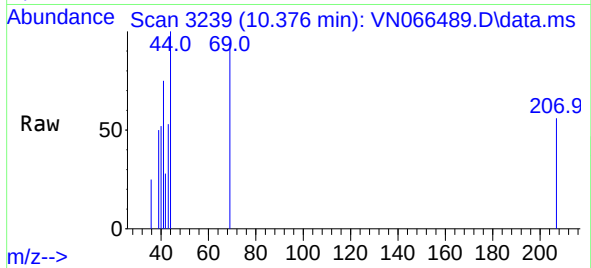




#56
Ethyl methacrylate
Concen: 3.94 ug/l
RT: 10.376 min Scan# 3239
Delta R.T. 0.008 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

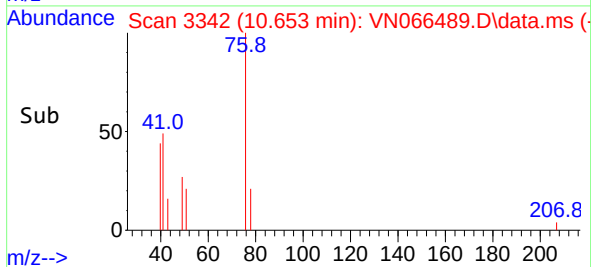
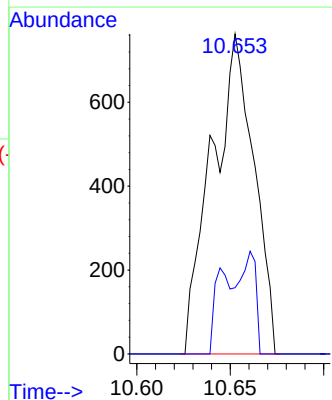
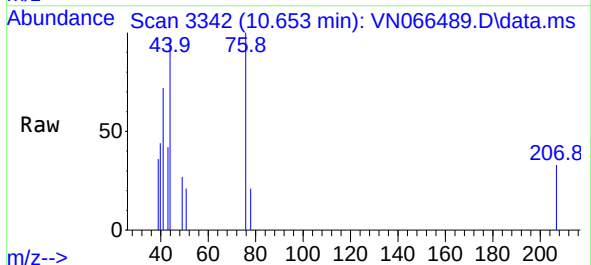
Instrument :
MSVOA_N
ClientSampled :
IBLK

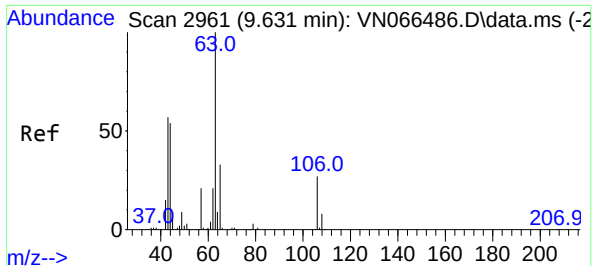
Tgt Ion: 69 Resp: 1307
Ion Ratio Lower Upper
69 100
41 65.9 55.3 82.9
39 51.8 33.8 50.6#



#57
1,3-Dichloropropane
Concen: 0.21 ug/l
RT: 10.653 min Scan# 3342
Delta R.T. 0.009 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 76 Resp: 1195
Ion Ratio Lower Upper
76 100
78 9.6 25.9 38.9#

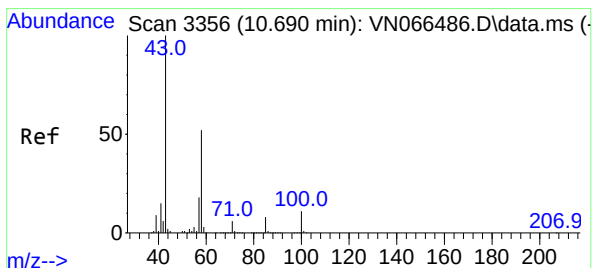
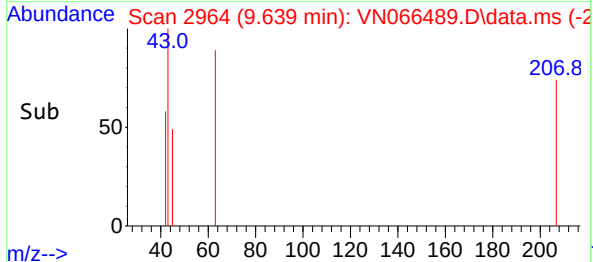
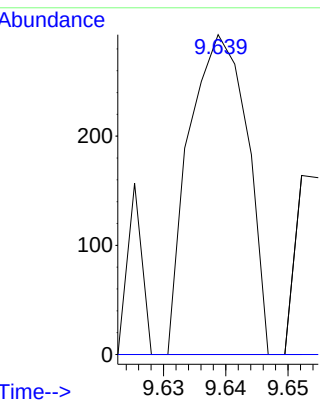
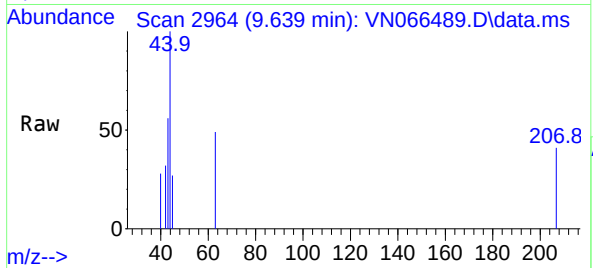




#58
2-Chloroethyl Vinyl ether
Concen: 5.67 ug/l
RT: 9.639 min Scan# 2964
Delta R.T. 0.008 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

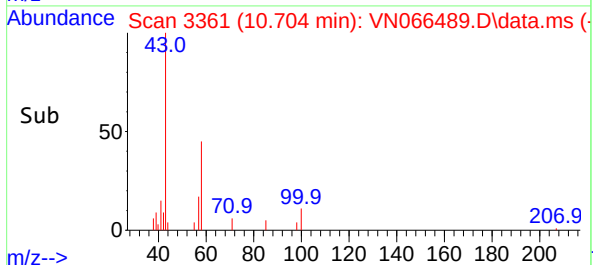
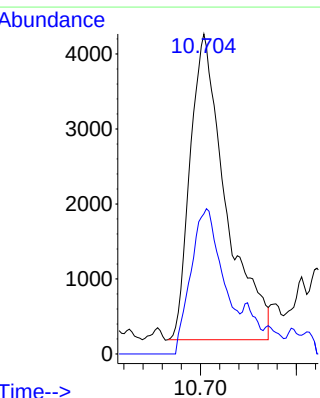
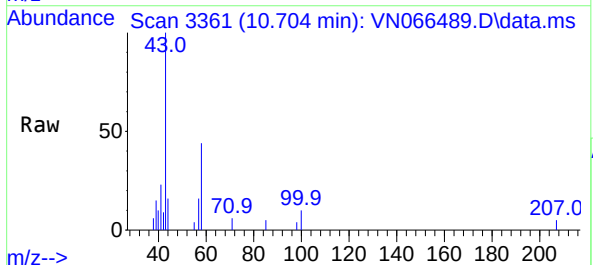
Instrument :
MSVOA_N
ClientSampled :
IBLK

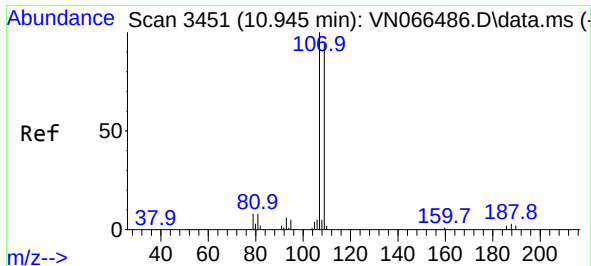
Tgt Ion: 63 Resp: 190
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.4#



#59
2-Hexanone
Concen: 19.54 ug/l
RT: 10.704 min Scan# 3361
Delta R.T. 0.014 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 43 Resp: 10504
Ion Ratio Lower Upper
43 100
58 42.8 26.6 79.8

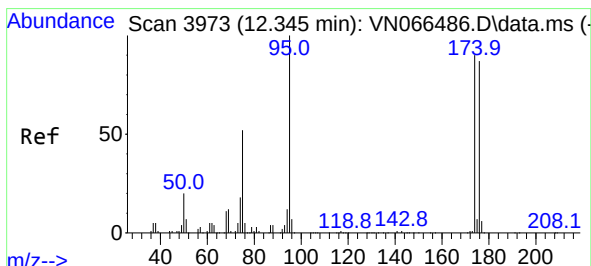
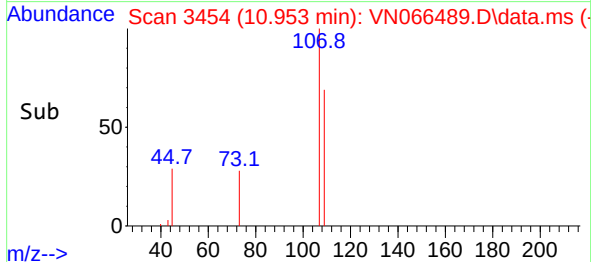
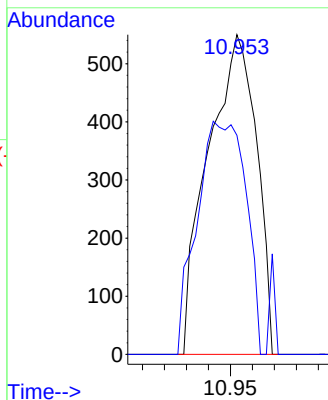
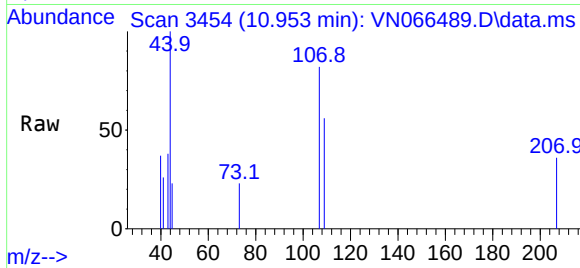




#61
1,2-Dibromoethane
Concen: 0.24 ug/l
RT: 10.953 min Scan# 3454
Delta R.T. 0.008 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

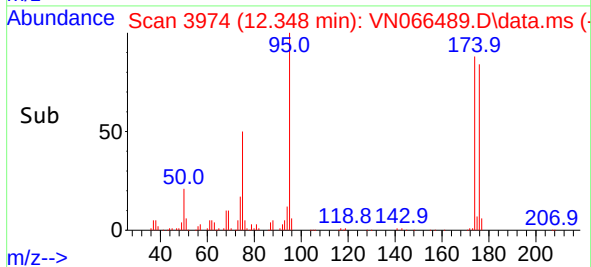
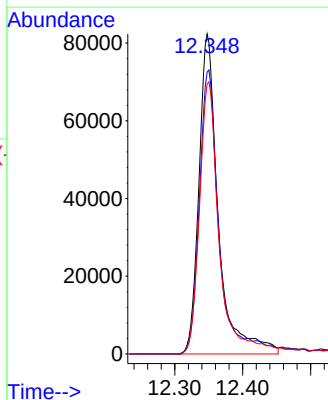
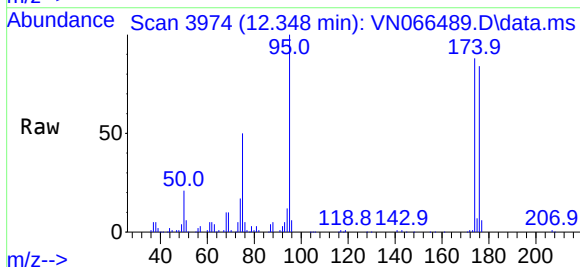
Instrument :
MSVOA_N
ClientSampled :
IBLK

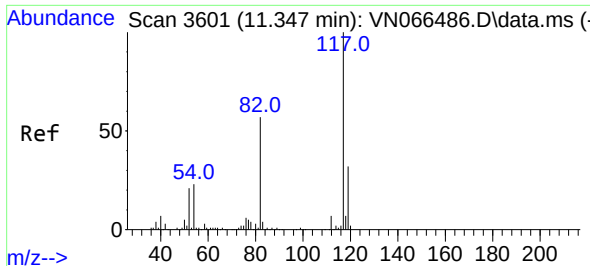
Tgt Ion:107 Resp: 844
Ion Ratio Lower Upper
107 100
109 73.3 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 42.99 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 95 Resp: 163416
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.2
176 86.8 0.0 167.8

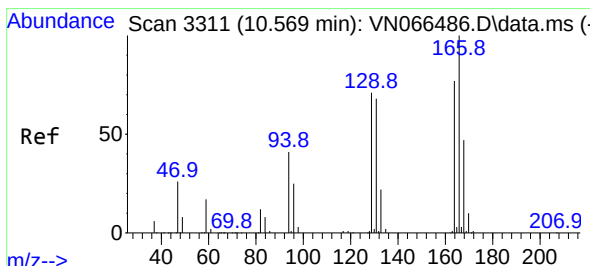
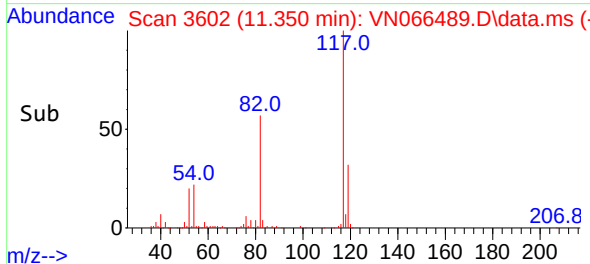
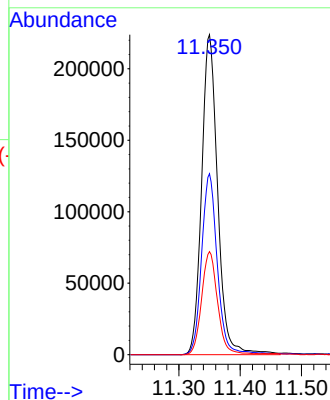
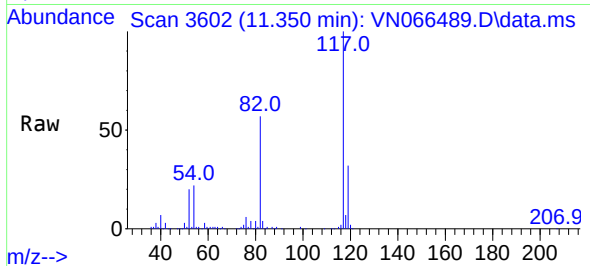




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

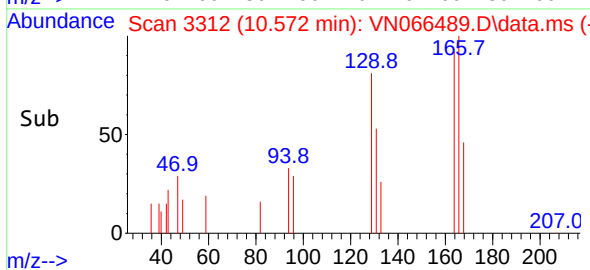
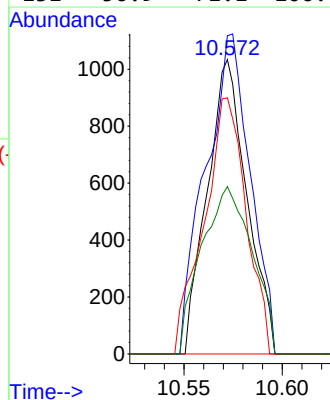
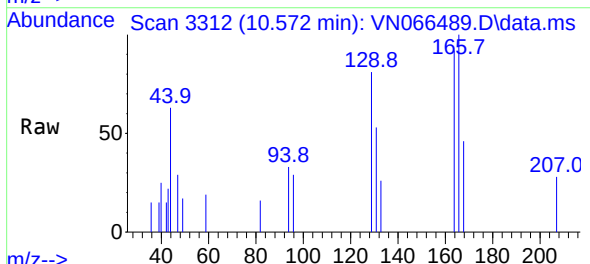
Instrument :
MSVOA_N
ClientSampled :
IBLK

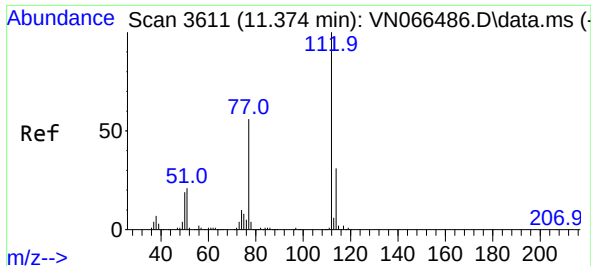
Tgt Ion:117 Resp: 407371
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 0.42 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion:164 Resp: 1448
Ion Ratio Lower Upper
164 100
166 108.1 103.3 154.9
129 87.0 72.5 108.7
131 56.9 71.1 106.7#

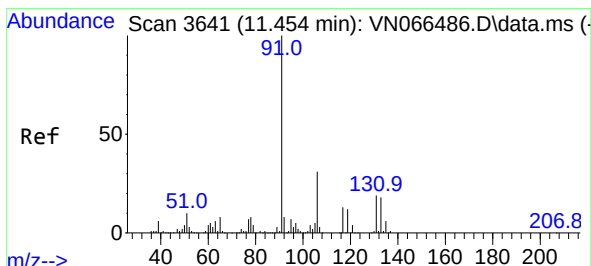
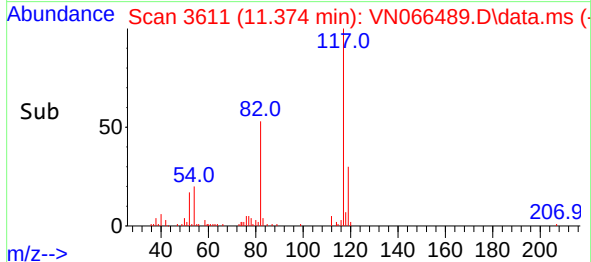
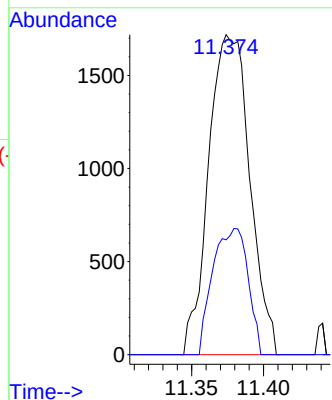
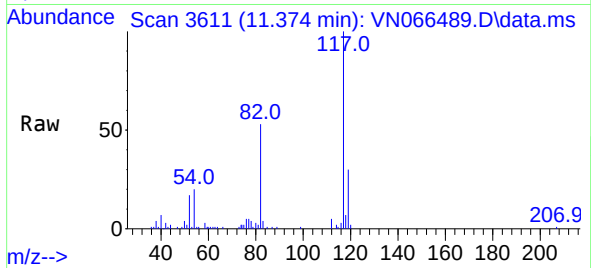




#65
Chlorobenzene
Concen: 0.40 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

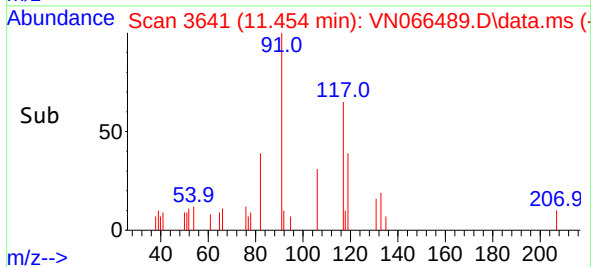
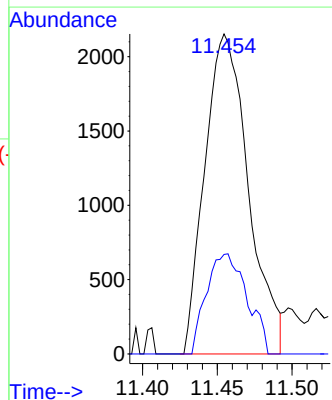
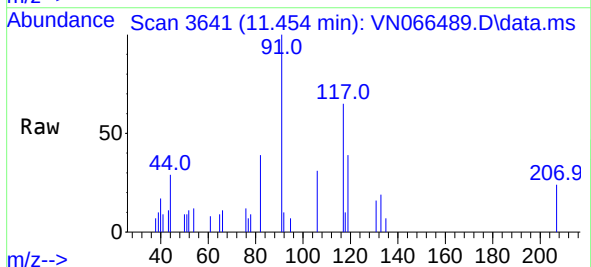
Instrument :
MSVOA_N
ClientSampled :
IBLK

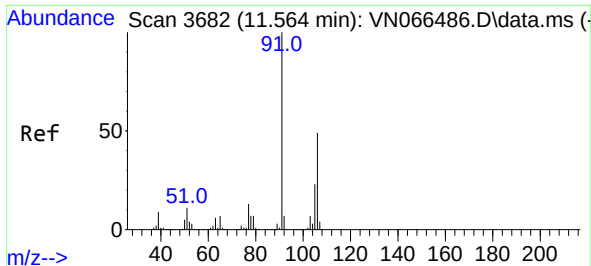
Tgt Ion:112 Resp: 3421
Ion Ratio Lower Upper
112 100
114 35.9 25.7 38.5



#67
Ethyl Benzene
Concen: 0.30 ug/l
RT: 11.454 min Scan# 3641
Delta R.T. 0.000 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 91 Resp: 4368
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1

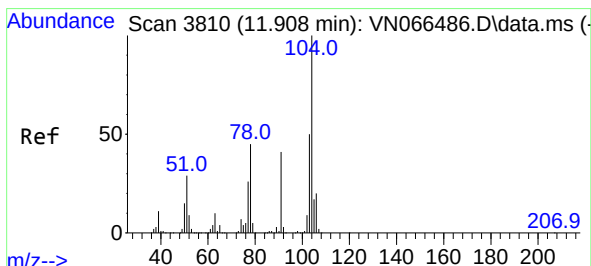
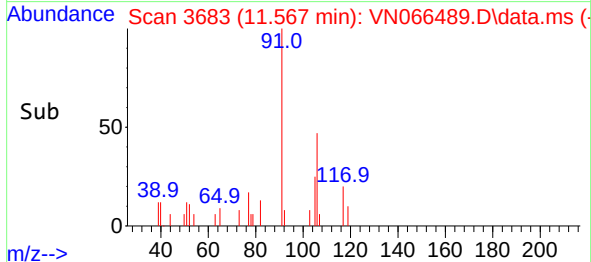
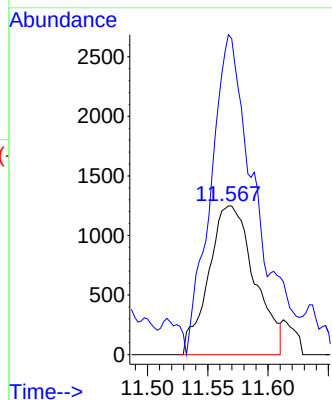
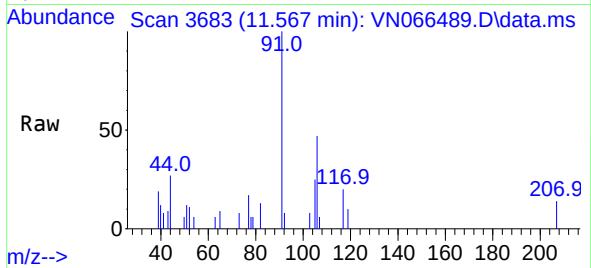




#68
m/p-Xylenes
Concen: 0.61 ug/l
RT: 11.567 min Scan# 3683
Delta R.T. 0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

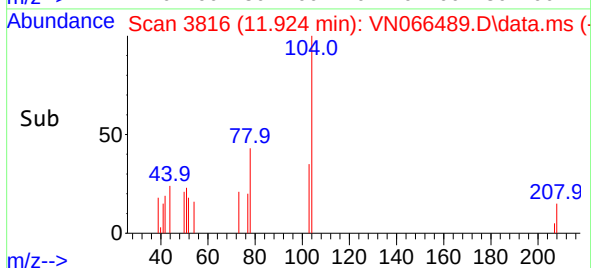
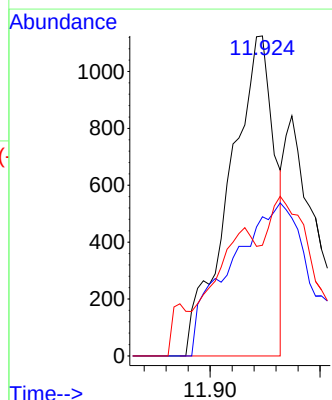
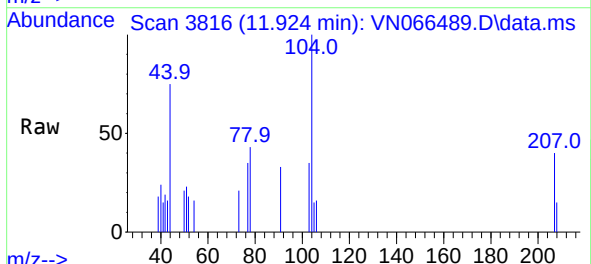
Instrument :
MSVOA_N
ClientSampled :
IBLK

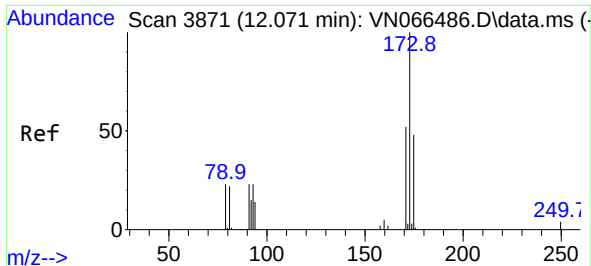
Tgt Ion:106 Resp: 3308
Ion Ratio Lower Upper
106 100
91 187.3 162.7 244.1



#70
Styrene
Concen: 2.94 ug/l
RT: 11.924 min Scan# 3816
Delta R.T. 0.016 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion:104 Resp: 1614
Ion Ratio Lower Upper
104 100
78 80.9 40.7 61.1#
103 45.5 44.2 66.2

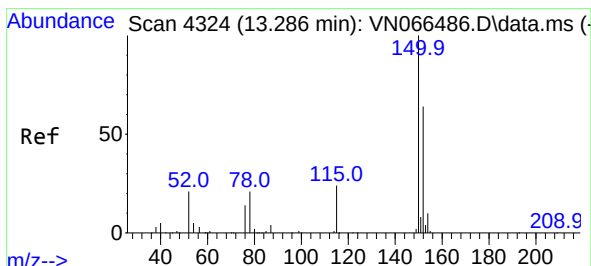
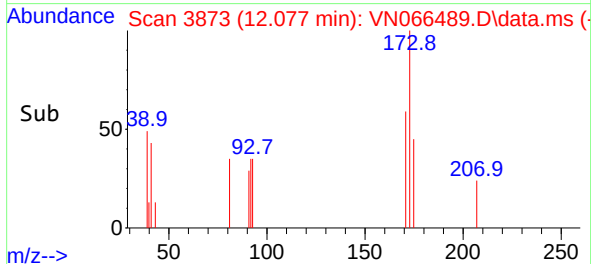
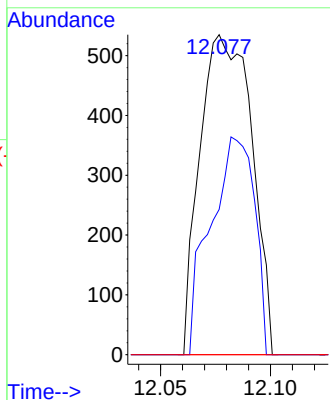
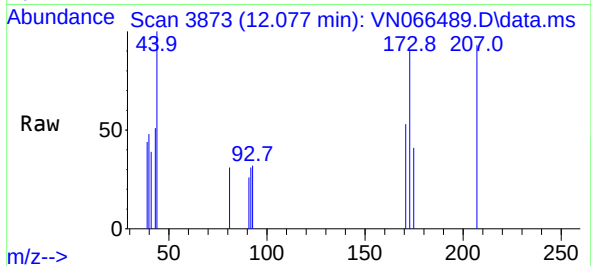




#71
Bromoform
Concen: 0.34 ug/l
RT: 12.077 min Scan# 3873
Delta R.T. 0.006 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

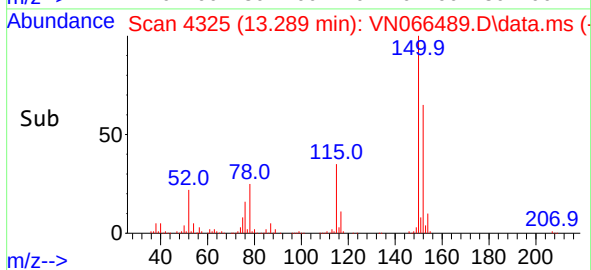
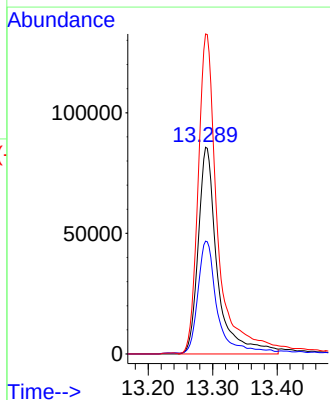
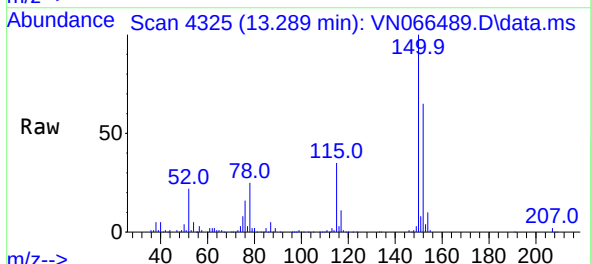
Instrument :
MSVOA_N
ClientSampled :
IBLK

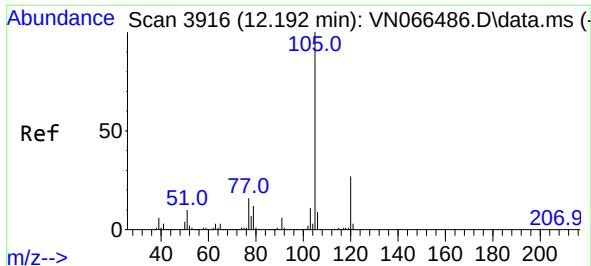
Tgt Ion:173 Resp: 878
Ion Ratio Lower Upper
173 100
175 58.0 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion:152 Resp: 177828
Ion Ratio Lower Upper
152 100
115 53.3 27.8 83.4
150 160.4 0.0 348.4

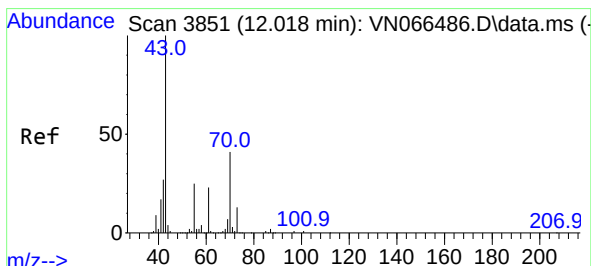
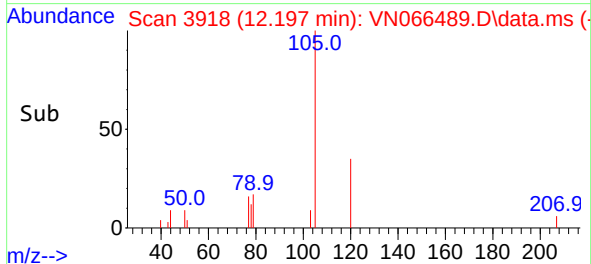
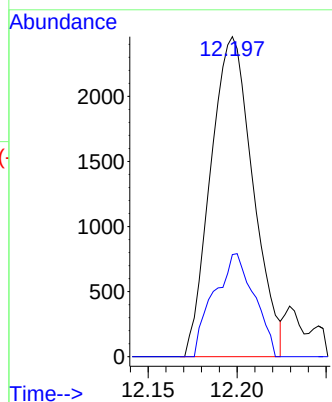
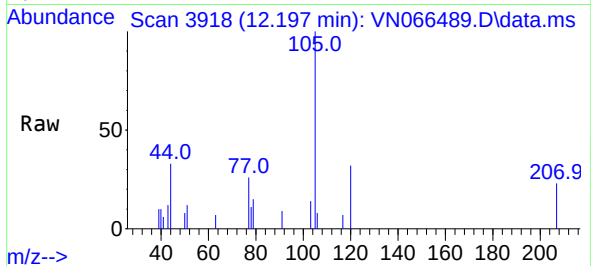




#73
Isopropylbenzene
Concen: 0.31 ug/l
RT: 12.197 min Scan# 3918
Delta R.T. 0.005 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

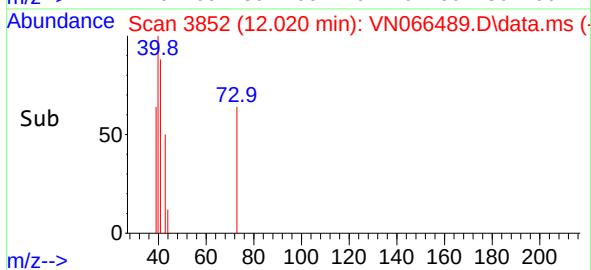
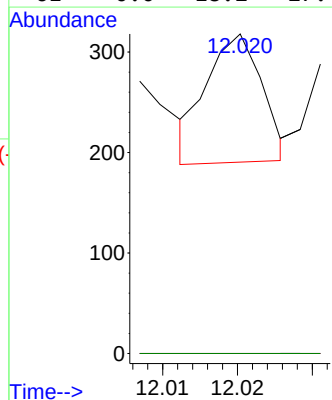
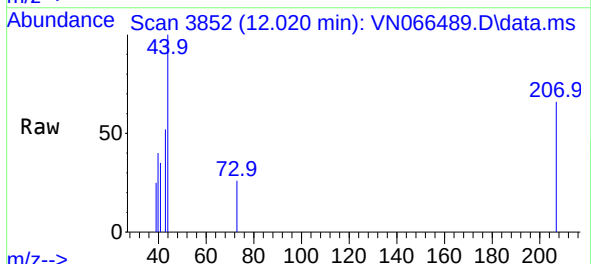
Instrument :
MSVOA_N
ClientSampled :
IBLK

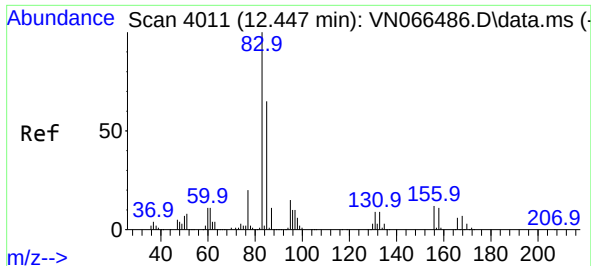
Tgt Ion:105 Resp: 4065
Ion Ratio Lower Upper
105 100
120 30.6 13.3 39.8



#74
N-ethyl acetate
Concen: 12.74 ug/l
RT: 12.020 min Scan# 3852
Delta R.T. 0.002 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
70 0.0 31.2 46.8#
55 0.0 18.6 28.0#
61 0.0 18.2 27.4#

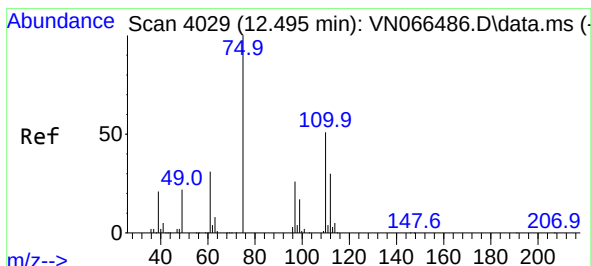
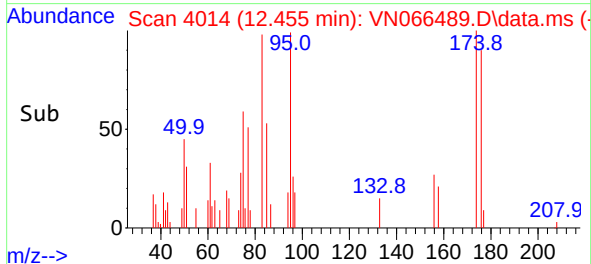
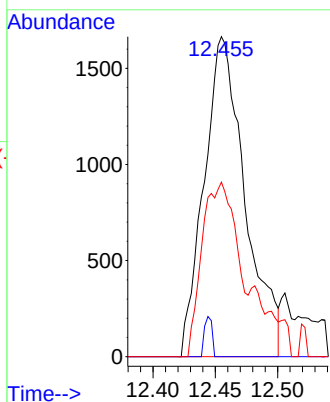
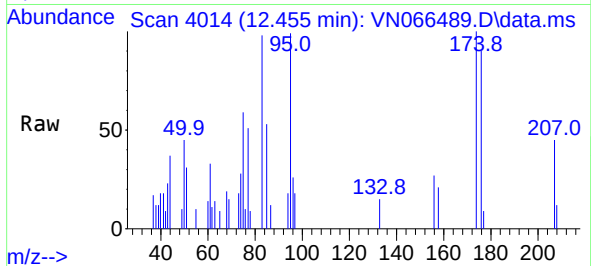




#75
1,1,2,2-Tetrachloroethane
Concen: 0.79 ug/l
RT: 12.455 min Scan# 4014
Delta R.T. 0.008 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

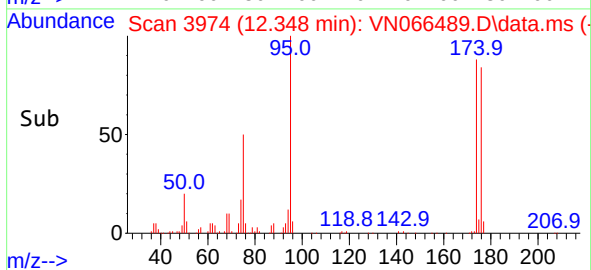
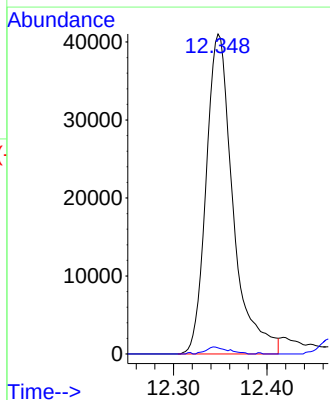
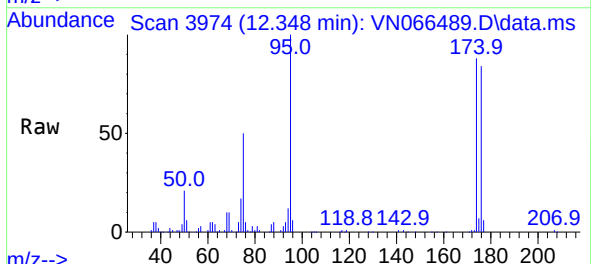
Instrument :
MSVOA_N
ClientSampled :
IBLK

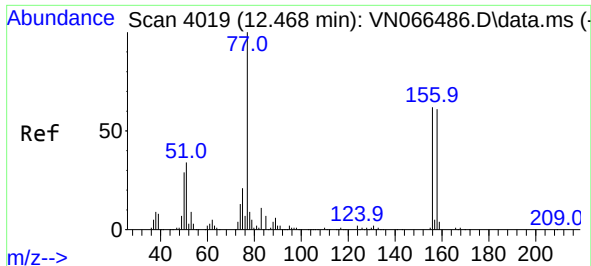
Tgt Ion: 83 Resp: 3818
Ion Ratio Lower Upper
83 100
131 2.3 5.0 15.0#
85 46.7 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 20.41 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. -0.147 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 75 Resp: 81882
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

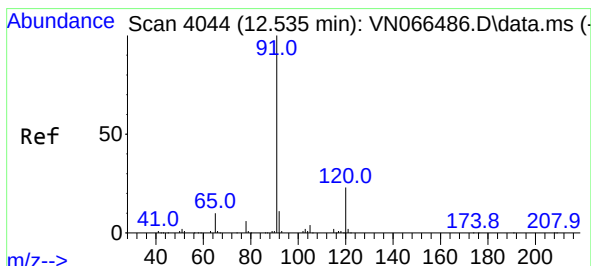
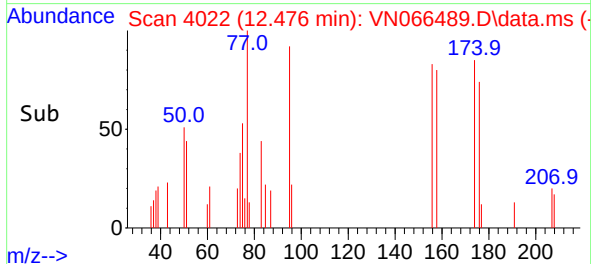
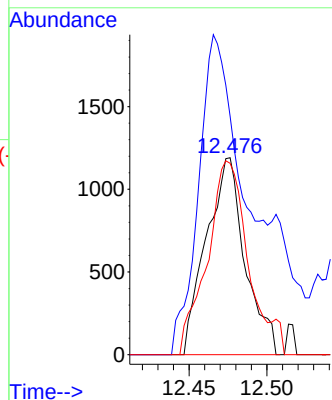
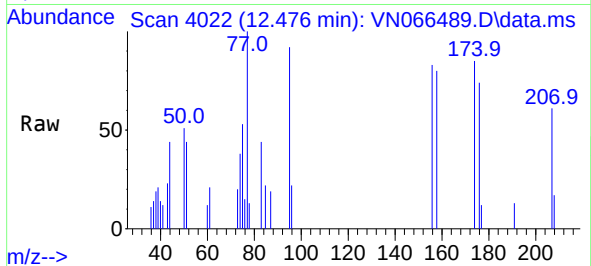




#77
Bromobenzene
Concen: 0.60 ug/l
RT: 12.476 min Scan# 4022
Delta R.T. 0.008 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

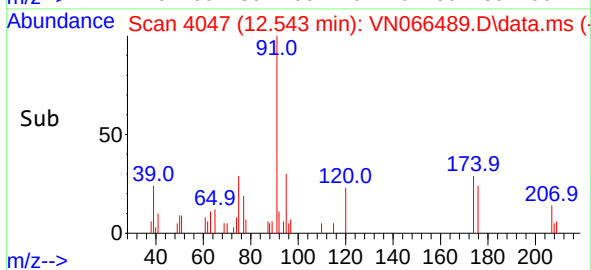
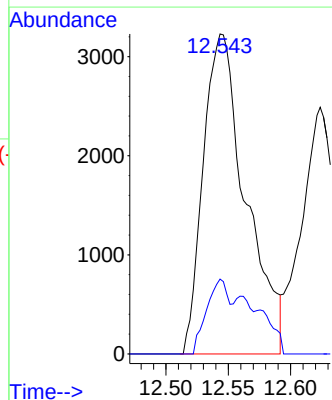
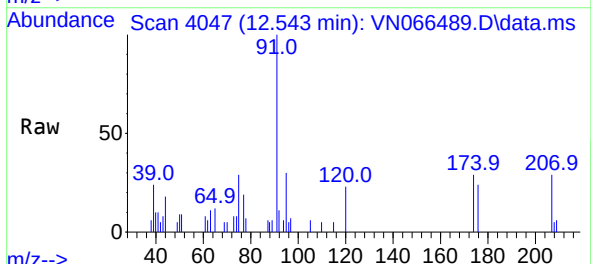
Instrument :
MSVOA_N
ClientSampled :
IBLK

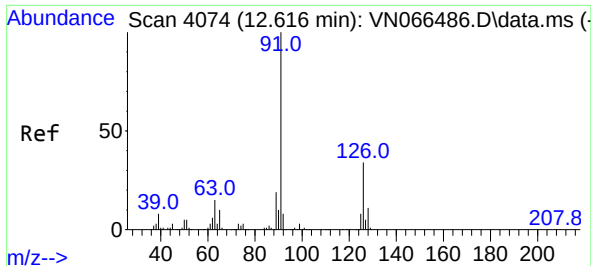
Tgt Ion:156 Resp: 2056
Ion Ratio Lower Upper
156 100
77 187.5 99.7 299.1
158 104.6 48.8 146.3



#78
n-propylbenzene
Concen: 0.53 ug/l
RT: 12.543 min Scan# 4047
Delta R.T. 0.008 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 91 Resp: 7645
Ion Ratio Lower Upper
91 100
120 13.0 11.7 35.1

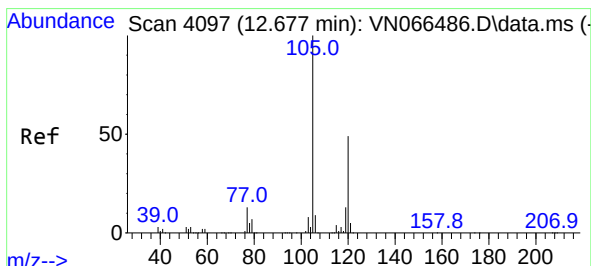
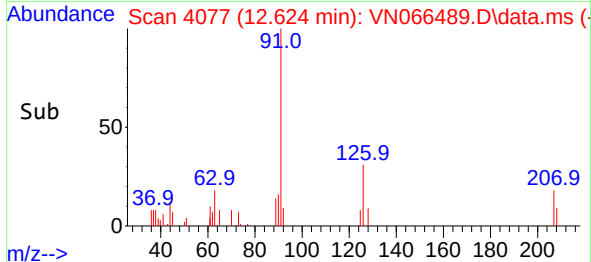
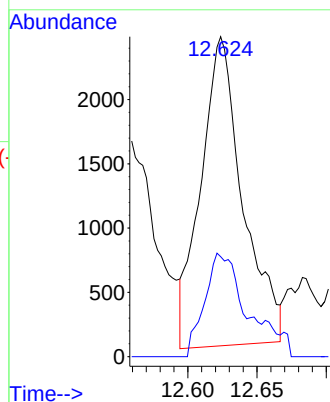
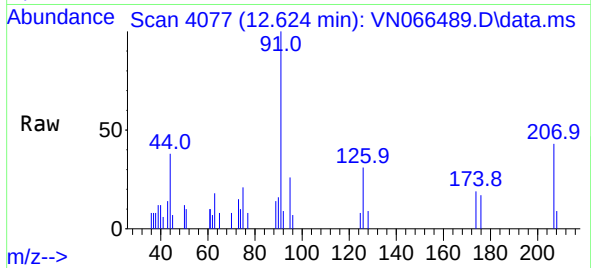




#79
2-Chlorotoluene
Concen: 0.58 ug/l
RT: 12.624 min Scan# 4077
Delta R.T. 0.008 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

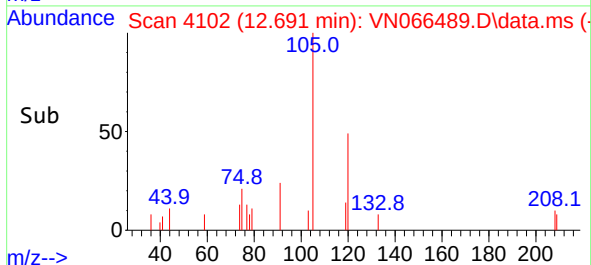
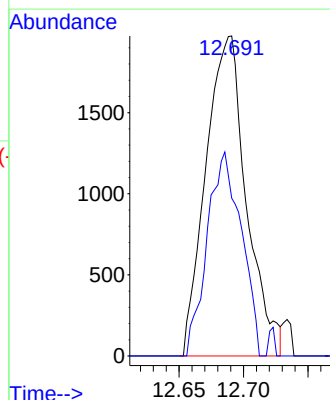
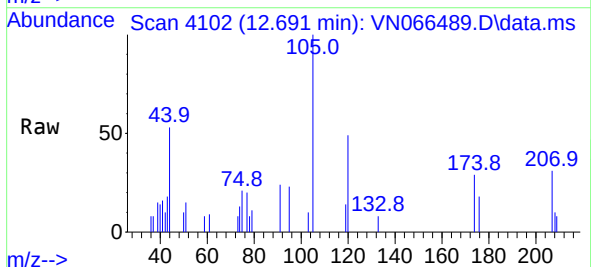
Instrument :
MSVOA_N
ClientSampled :
IBLK

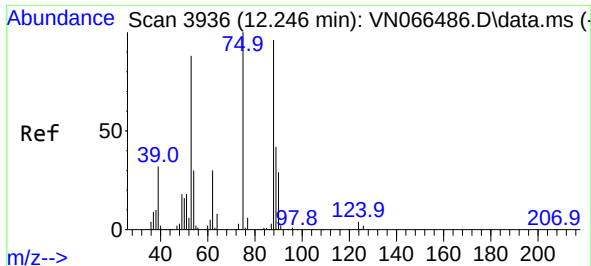
Tgt Ion: 91 Resp: 5061
Ion Ratio Lower Upper
91 100
126 29.9 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 0.40 ug/l
RT: 12.691 min Scan# 4102
Delta R.T. 0.014 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 105 Resp: 4324
Ion Ratio Lower Upper
105 100
120 53.4 24.5 73.5

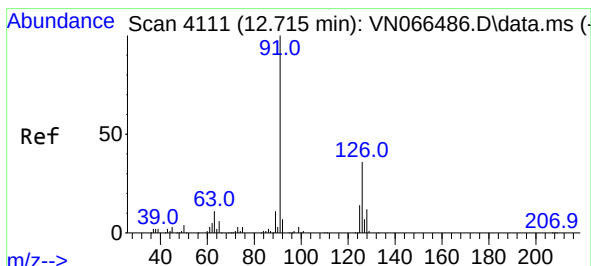
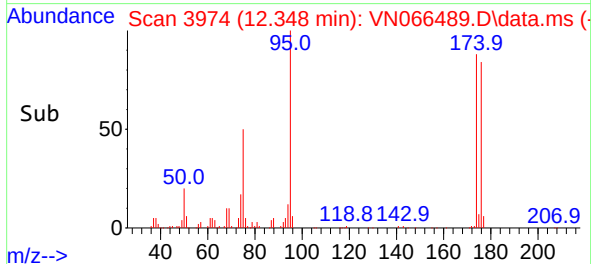
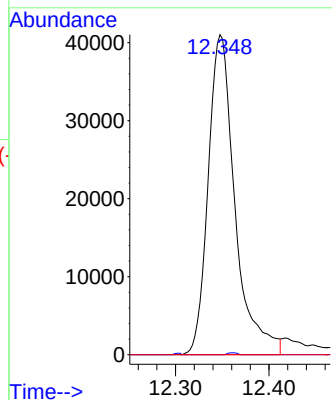
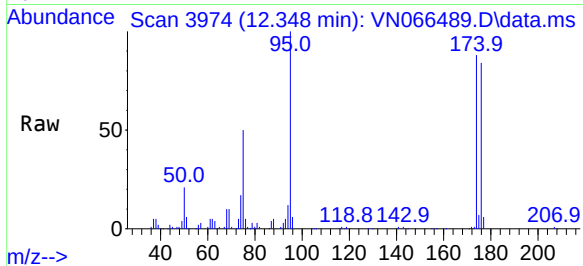




#81
trans-1,4-Dichloro-2-butene
Concen: 57.21 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.102 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

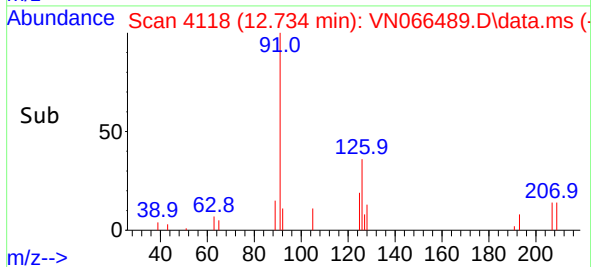
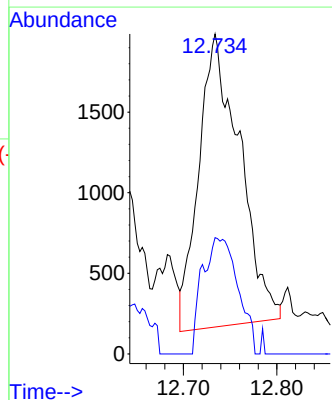
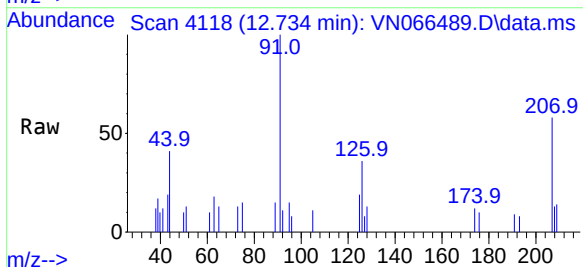
Instrument :
MSVOA_N
ClientSampled :
IBLK

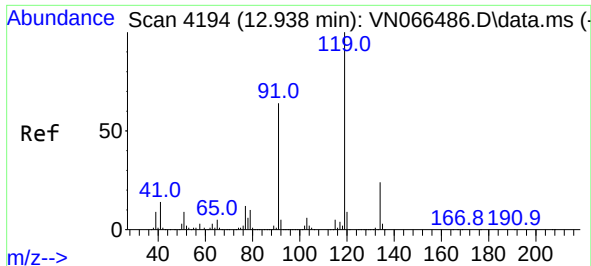
Tgt Ion: 75 Resp: 81882
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.64 ug/l
RT: 12.734 min Scan# 4118
Delta R.T. 0.019 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 91 Resp: 5516
Ion Ratio Lower Upper
91 100
126 26.6 16.6 49.8

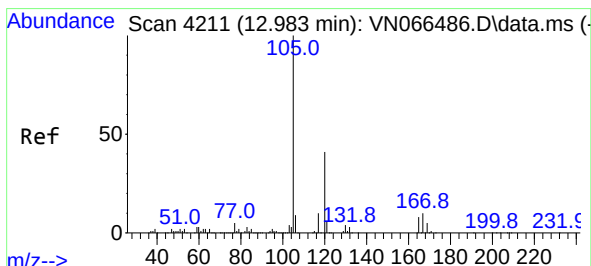
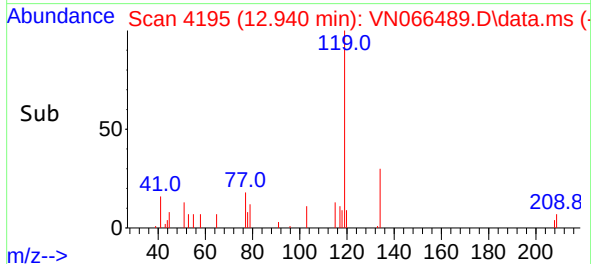
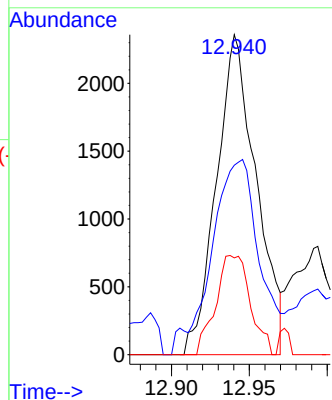
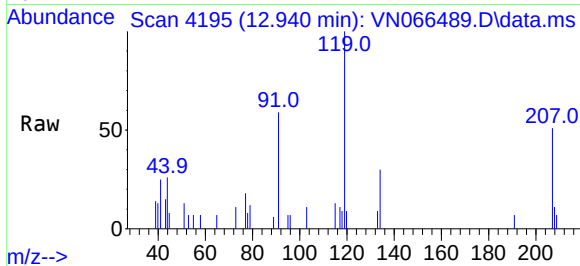




#83
tert-Butylbenzene
Concen: 0.43 ug/l
RT: 12.940 min Scan# 4195
Delta R.T. 0.002 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

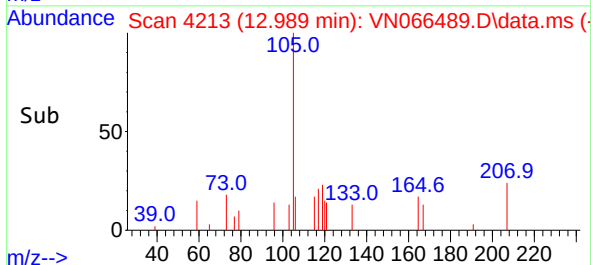
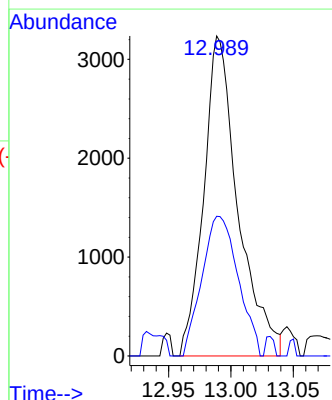
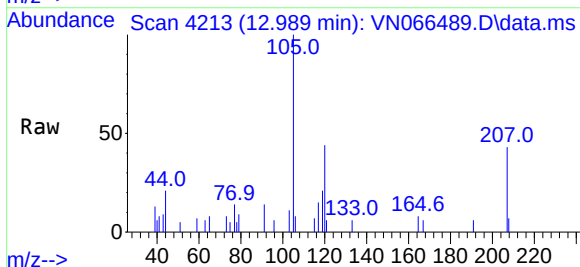
Instrument :
MSVOA_N
ClientSampleId :
IBLK

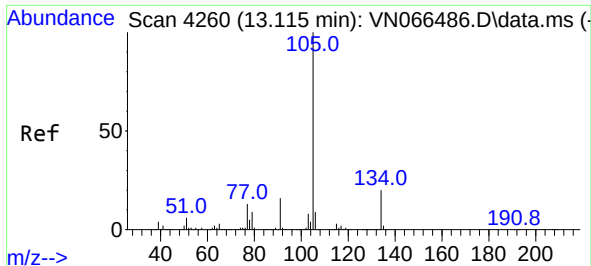
Tgt Ion:	119	Resp:	4191
Ion	Ratio	Lower	Upper
119	100		
91	70.7	33.3	99.8
134	27.0	12.9	38.6



#84
1,2,4-Trimethylbenzene
Concen: 0.60 ug/l
RT: 12.989 min Scan# 4213
Delta R.T. 0.006 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion:	105	Resp:	6181
Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.2

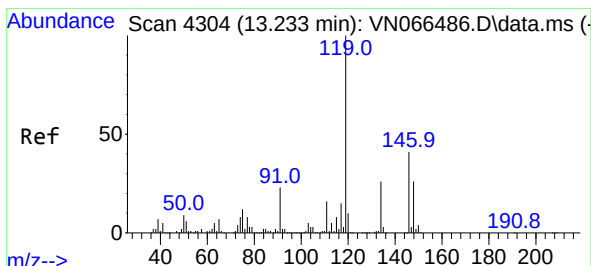
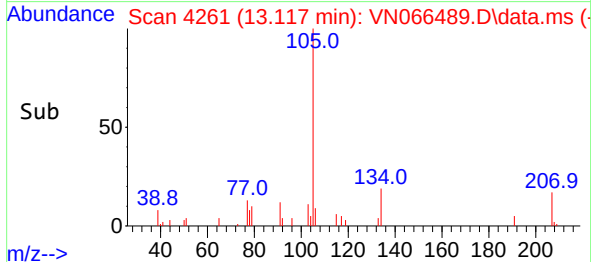
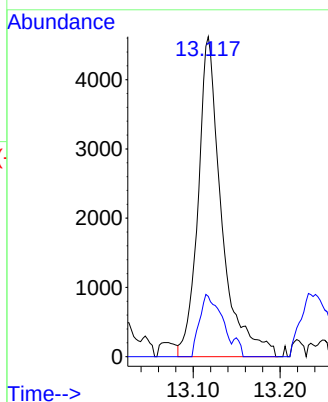
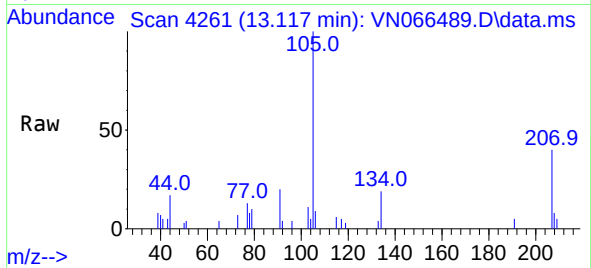




#85
 sec-Butylbenzene
 Concen: 0.71 ug/l
 RT: 13.117 min Scan# 4261
 Delta R.T. 0.002 min
 Lab File: VN066489.D
 Acq: 6 Apr 2021 12:31

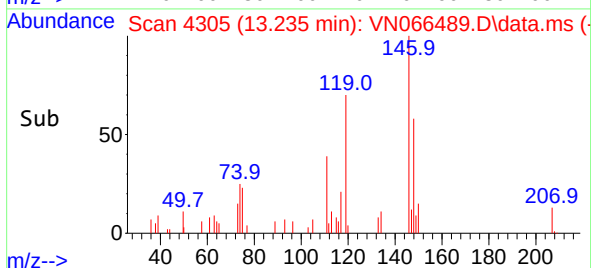
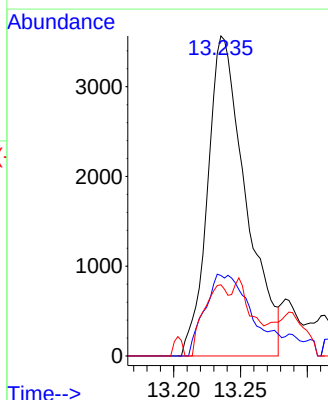
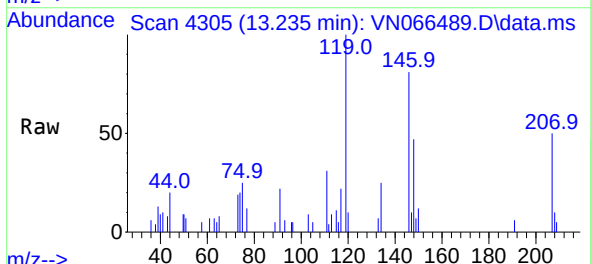
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

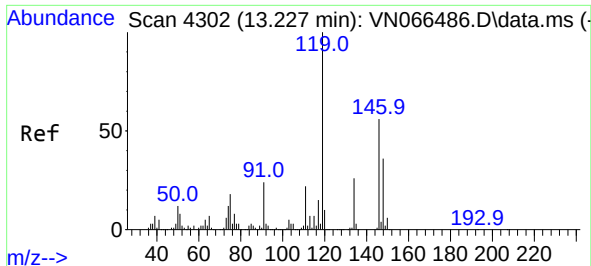
Tgt Ion:105 Resp: 8638
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.68 ug/l
 RT: 13.235 min Scan# 4305
 Delta R.T. 0.002 min
 Lab File: VN066489.D
 Acq: 6 Apr 2021 12:31

Tgt Ion:119 Resp: 7085
 Ion Ratio Lower Upper
 119 100
 134 31.5 12.9 38.7
 91 13.9 11.5 34.5



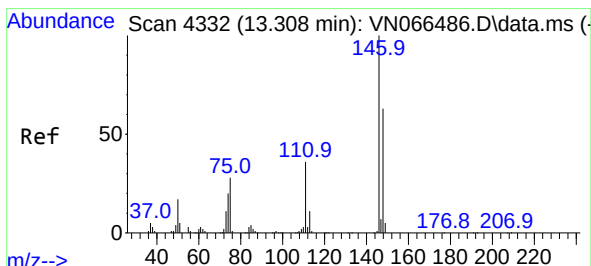
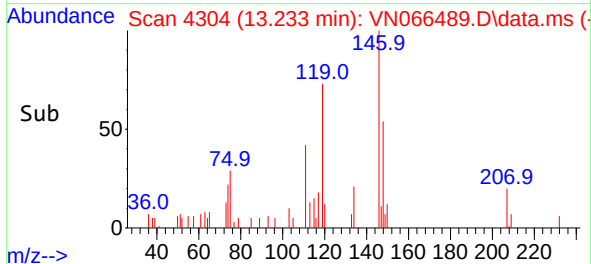
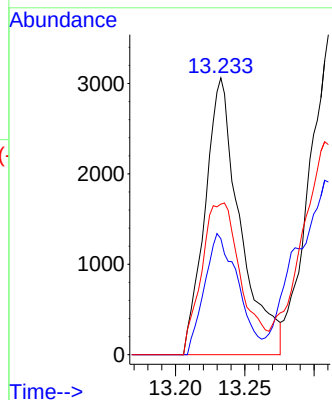
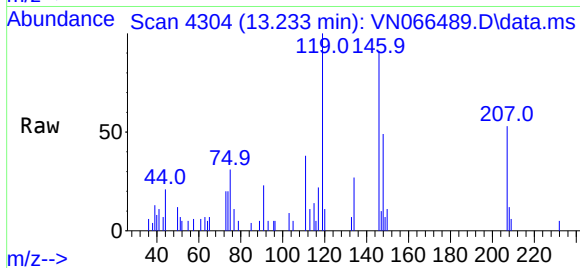


#87

1,3-Dichlorobenzene
Concen: 0.92 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. 0.006 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Instrument :
MSVOA_N
ClientSampled :
IBLK

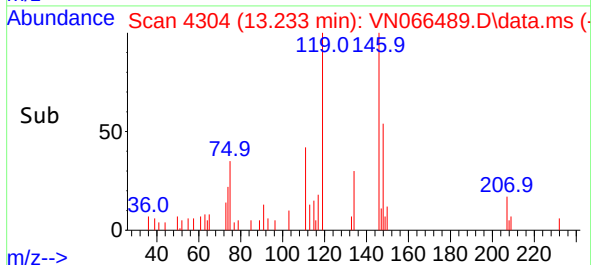
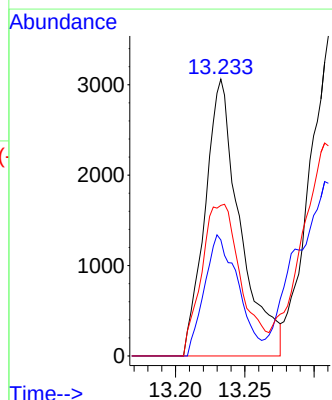
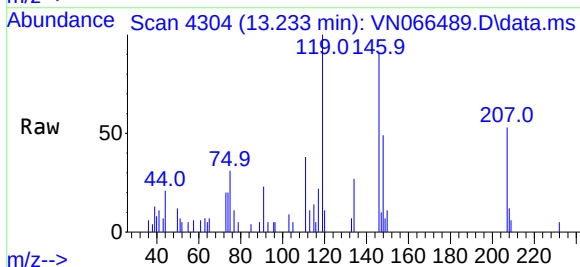
Tgt Ion:146 Resp: 5391
Ion Ratio Lower Upper
146 100
111 42.3 19.4 58.1
148 62.1 31.8 95.4

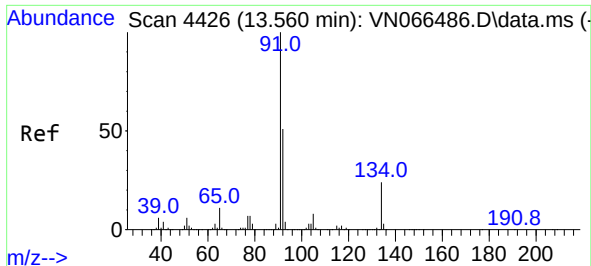


#88

1,4-Dichlorobenzene
Concen: 1.88 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. -0.075 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion:146 Resp: 5391
Ion Ratio Lower Upper
146 100
111 42.3 18.3 54.9
148 62.1 31.9 95.9

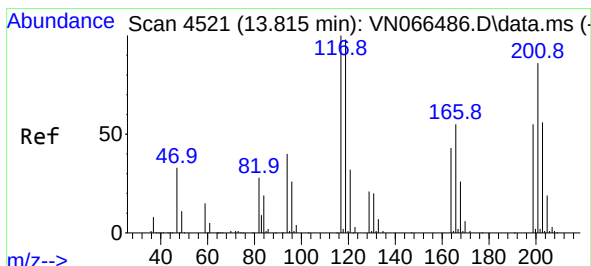
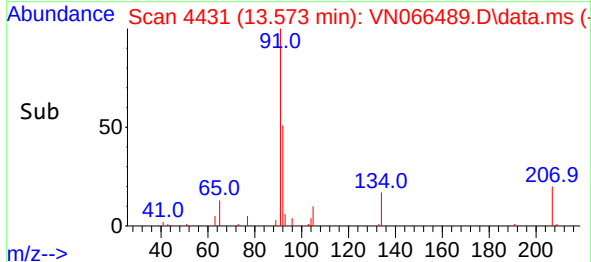
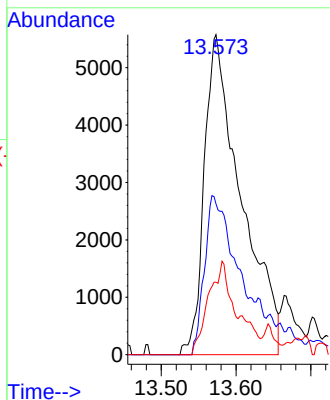
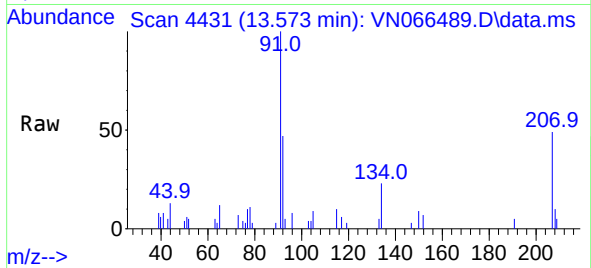




#89
n-Butylbenzene
Concen: 2.04 ug/l
RT: 13.573 min Scan# 4431
Delta R.T. 0.013 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

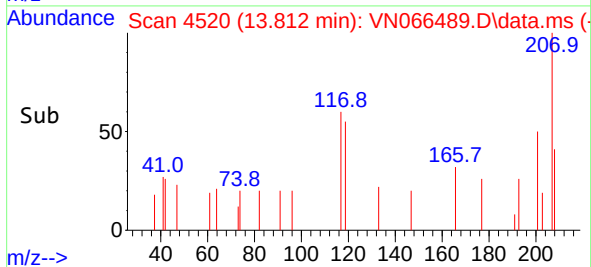
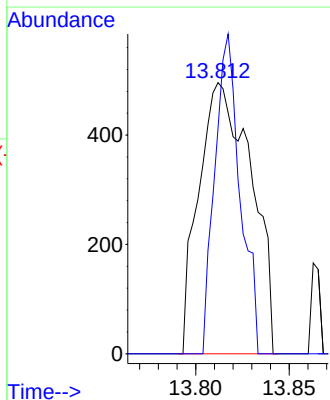
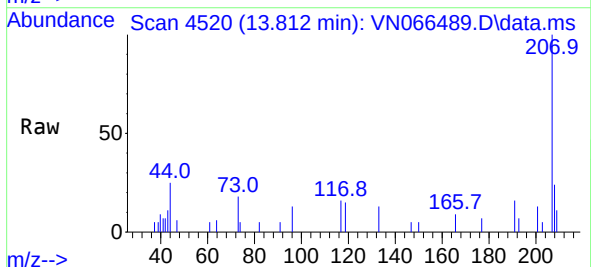
Instrument :
MSVOA_N
ClientSampleId :
IBLK

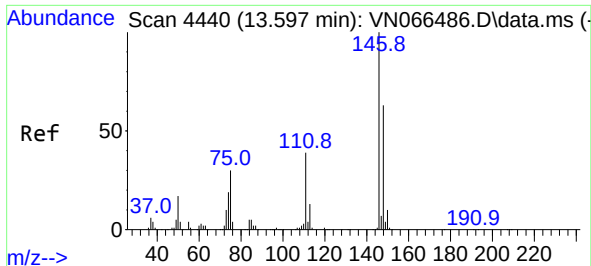
Tgt Ion: 91 Resp: 19043
Ion Ratio Lower Upper
91 100
92 43.5 26.1 78.3
134 17.8 12.8 38.4



#90
Hexachloroethane
Concen: 0.45 ug/l
RT: 13.812 min Scan# 4520
Delta R.T. -0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 117 Resp: 966
Ion Ratio Lower Upper
117 100
201 56.7 44.0 131.8

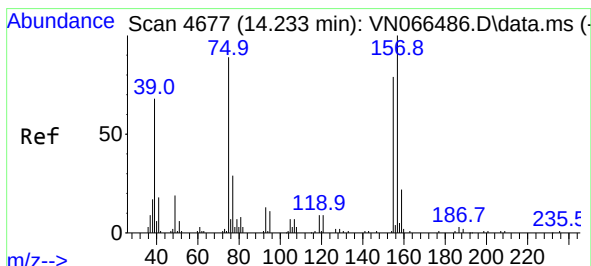
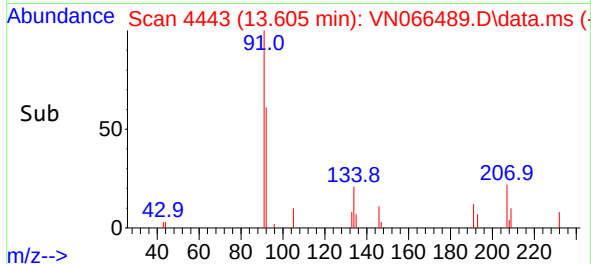
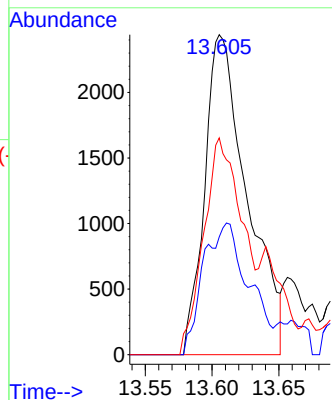
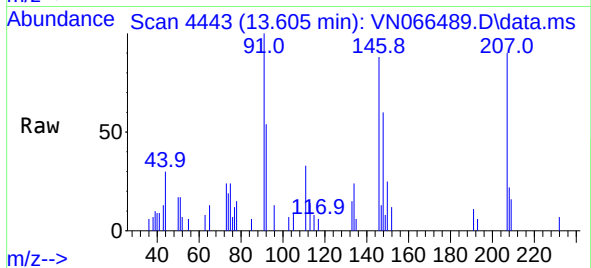




#91
1,2-Dichlorobenzene
Concen: 0.93 ug/l
RT: 13.605 min Scan# 4443
Delta R.T. 0.008 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

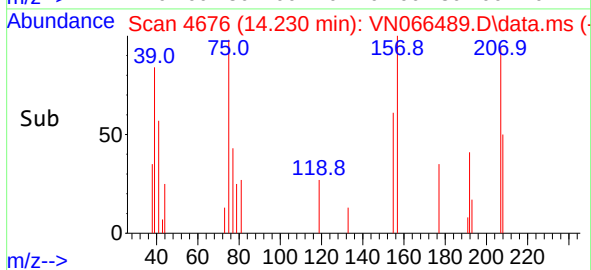
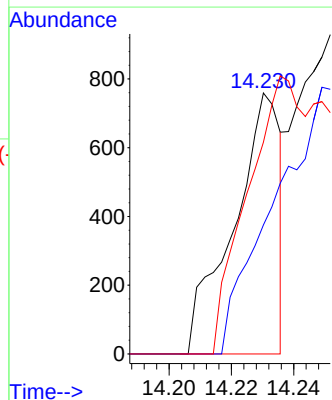
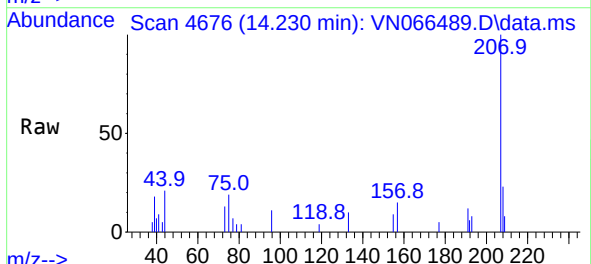
Instrument :
MSVOA_N
ClientSampled :
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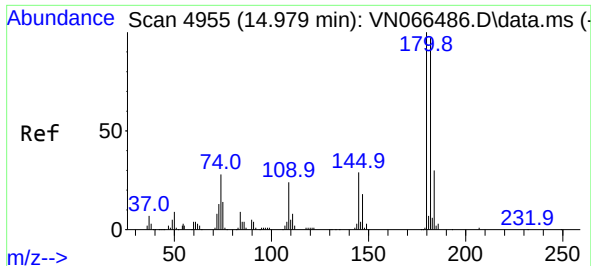
Tgt Ion:146 Resp: 5409
Ion Ratio Lower Upper
146 100
111 44.0 19.7 59.1
148 61.2 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.20 ug/l
RT: 14.230 min Scan# 4676
Delta R.T. -0.003 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion: 75 Resp: 791
Ion Ratio Lower Upper
75 100
155 0.0 43.8 131.3#
157 127.1 57.6 172.8

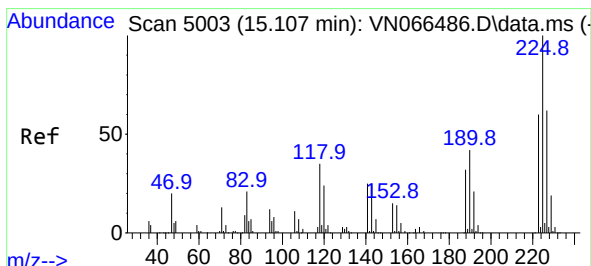
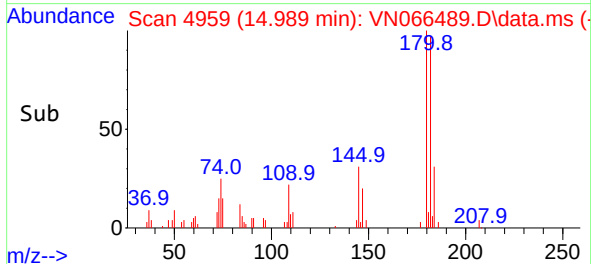
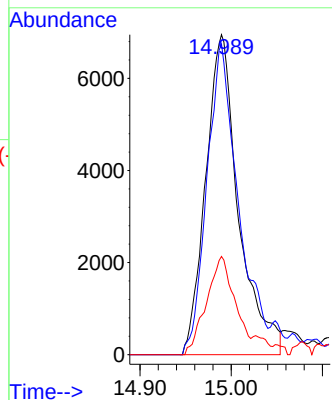
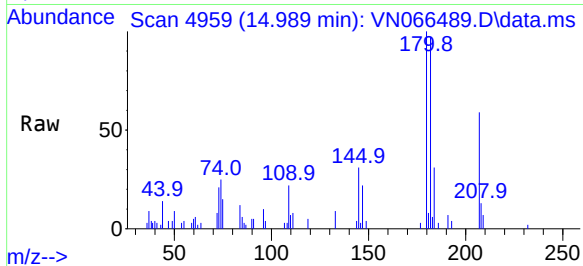




#93
1,2,4-Trichlorobenzene
Concen: 6.83 ug/l
RT: 14.989 min Scan# 4959
Delta R.T. 0.010 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

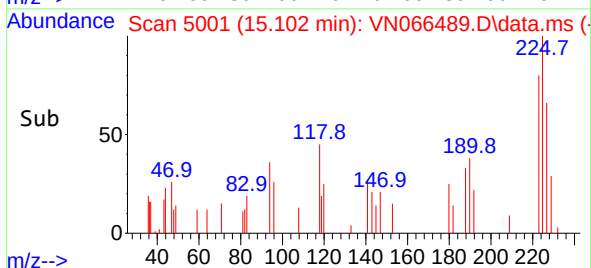
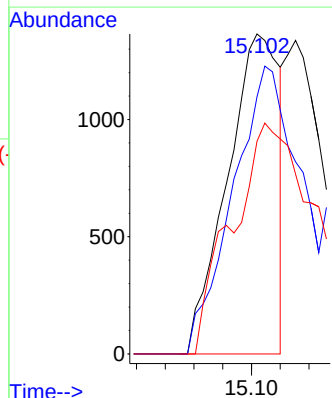
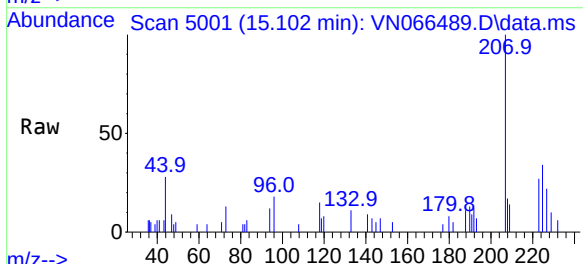
Instrument :
MSVOA_N
ClientSampleId :
IBLK

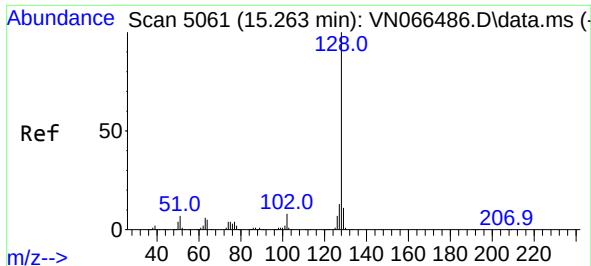
Tgt Ion:180 Resp: 17351
Ion Ratio Lower Upper
180 100
182 92.7 47.4 142.3
145 26.7 14.2 42.8



#94
Hexachlorobutadiene
Concen: 0.85 ug/l
RT: 15.102 min Scan# 5001
Delta R.T. -0.005 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion:225 Resp: 1709
Ion Ratio Lower Upper
225 100
223 129.4 31.1 93.5#
227 111.0 32.1 96.3#

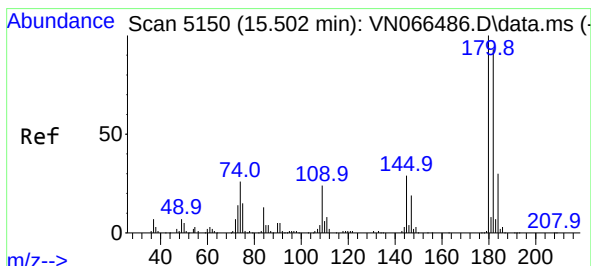
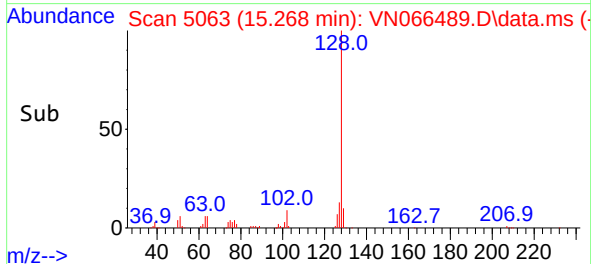
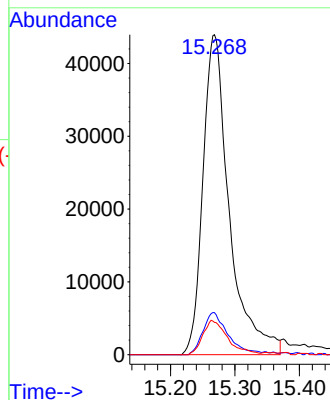
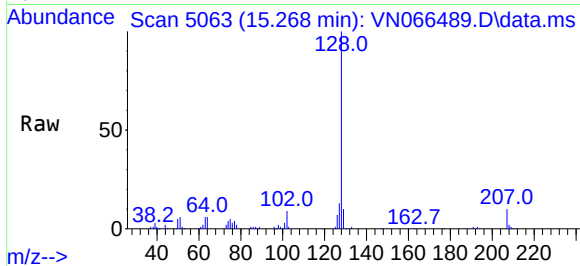




#95
Naphthalene
Concen: 13.49 ug/l
RT: 15.268 min Scan# 5063
Delta R.T. 0.005 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:128 Resp: 124853
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.1 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 7.99 ug/l
RT: 15.507 min Scan# 5152
Delta R.T. 0.005 min
Lab File: VN066489.D
Acq: 6 Apr 2021 12:31

Tgt Ion:180 Resp: 23173
Ion Ratio Lower Upper
180 100
182 90.4 47.6 142.9
145 15.2 15.4 46.1#

