

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066274.D
 Acq On : 19 Mar 2021 12:32
 Operator : JC/MD
 Sample : VN0319WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBL01

Quant Time: Mar 20 04:55:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

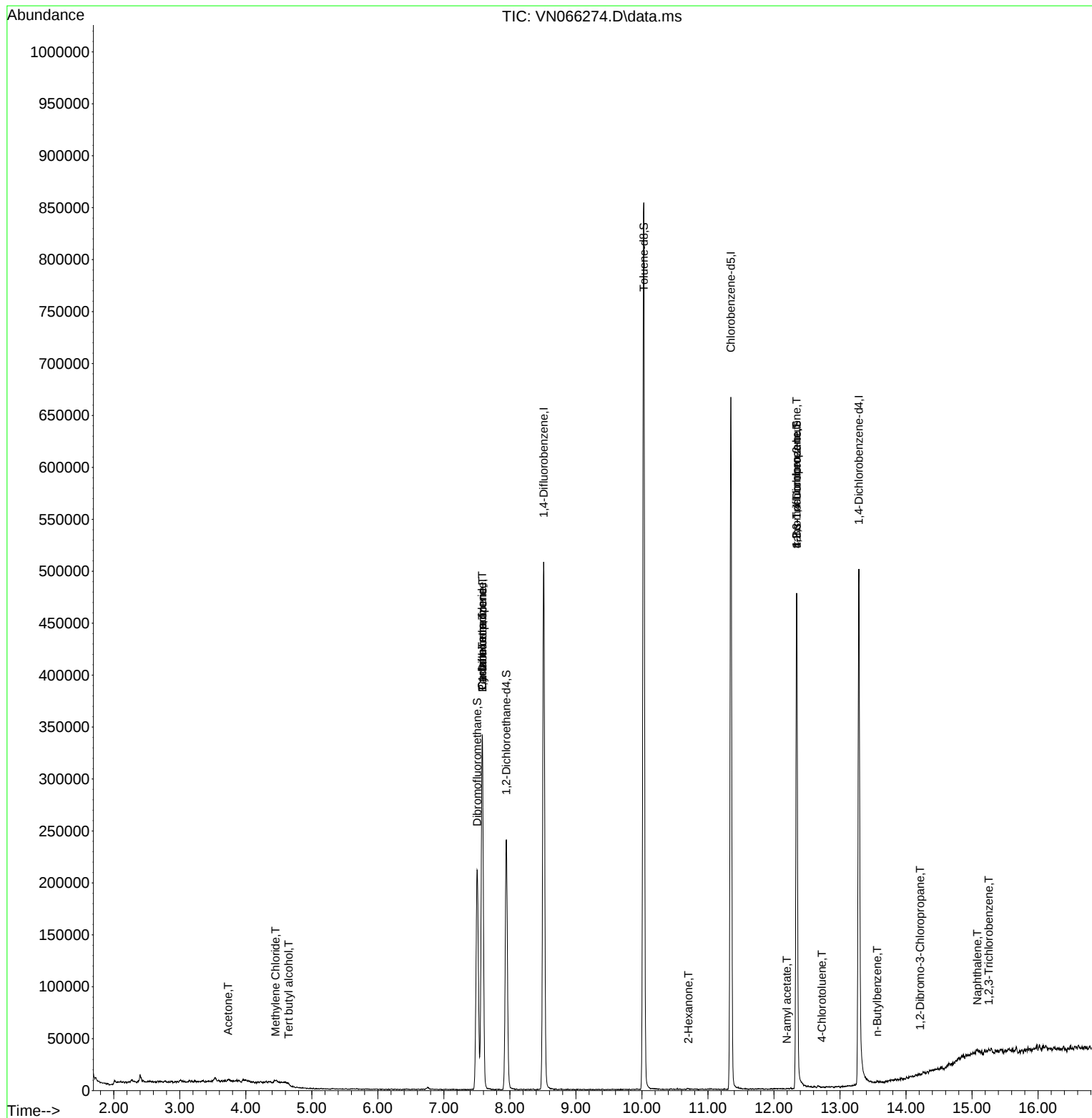
Internal Standards						
1) Pentafluorobenzene	7.585	168	304276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	455790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	408309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	161533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	201352	45.93	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.86%		
35) Dibromofluoromethane	7.507	113	164831	56.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.38%		
50) Toluene-d8	10.028	98	589770	52.46	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.92%		
62) 4-Bromofluorobenzene	12.345	95	169425	41.81	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.62%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.650	59	268	0.36	ug/l #	73
13) Acrolein	3.540	56	3495	Below Cal	#	80
16) Acetone	3.733	43	1522	0.72	ug/l #	89
20) Methylene Chloride	4.452	84	1356	0.41	ug/l #	78
31) Cyclohexane	7.582	56	4854	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.585	75	19292	4.18	ug/l #	47
38) Carbon Tetrachloride	7.582	117	25200	6.09	ug/l #	19
59) 2-Hexanone	10.704	43	741	1.49	ug/l	65
74) N-amyl acetate	12.198	43	50	2.17	ug/l #	49
76) 1,2,3-Trichloropropane	12.345	75	78031	18.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	78031	55.98	ug/l #	11
82) 4-Chlorotoluene	12.726	91	26	0.47	ug/l #	43
89) n-Butylbenzene	13.565	91	395	2.28	ug/l #	55
92) 1,2-Dibromo-3-Chloropr...	14.214	75	57	0.90	ug/l #	8
95) Naphthalene	15.081	128	4690	0.50	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.252	180	1065	0.33	ug/l #	44

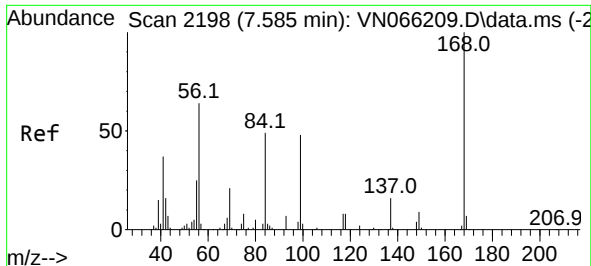
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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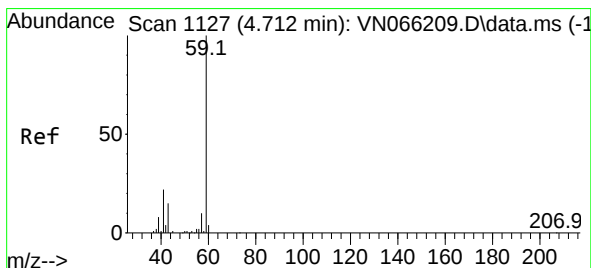
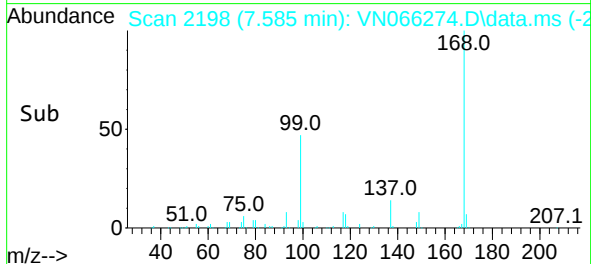
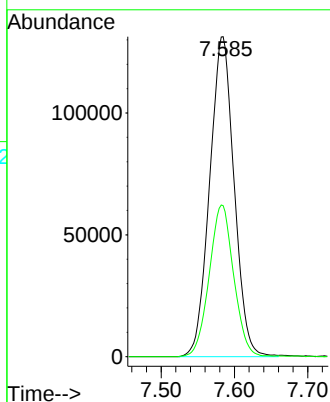
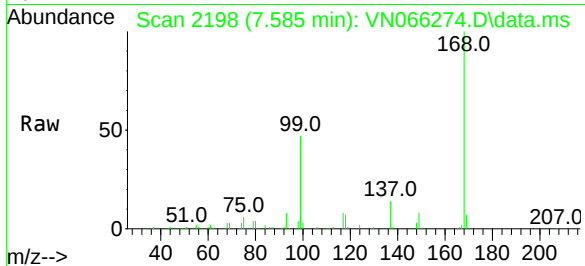




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

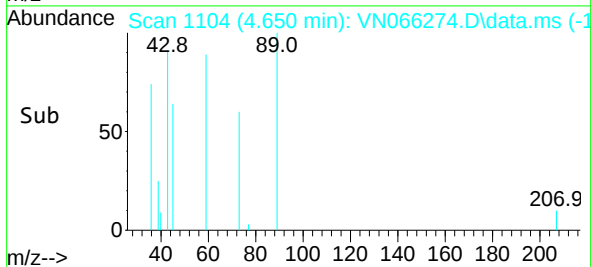
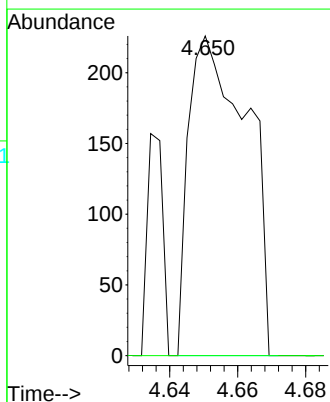
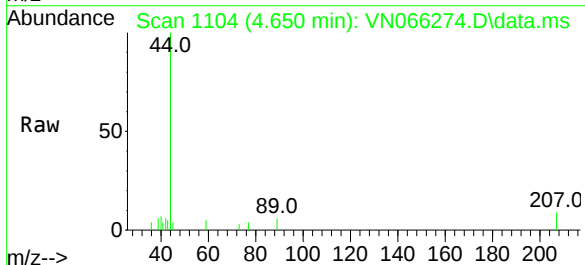
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

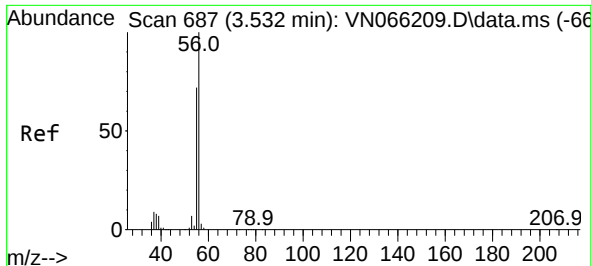
Tgt Ion:168 Resp: 304276
Ion Ratio Lower Upper
168 100
99 47.2 45.4 68.0



#11
Tert butyl alcohol
Concen: 0.36 ug/l
RT: 4.650 min Scan# 1104
Delta R.T. -0.062 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

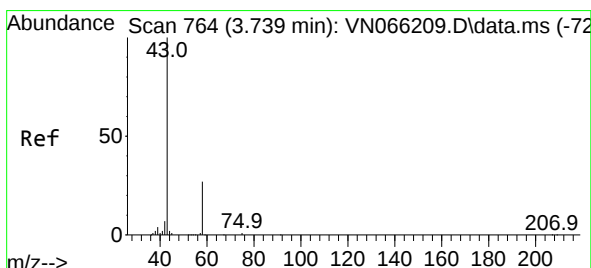
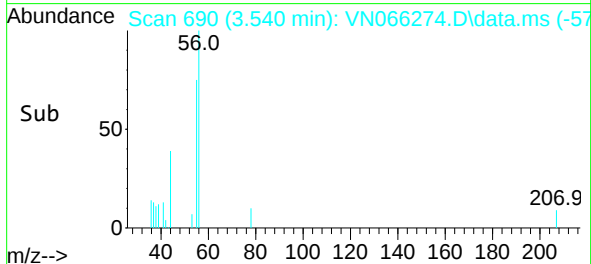
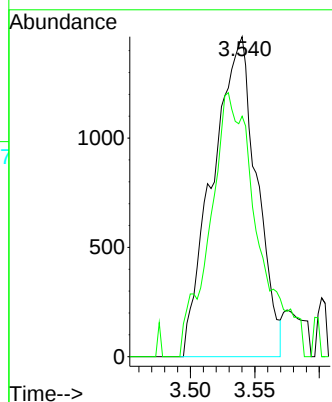
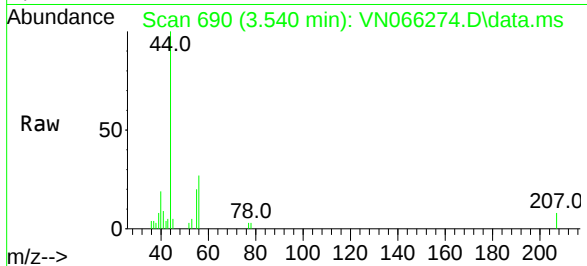




#13
Acrolein
Concen: Below Cal
RT: 3.540 min Scan# 690
Delta R.T. 0.008 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

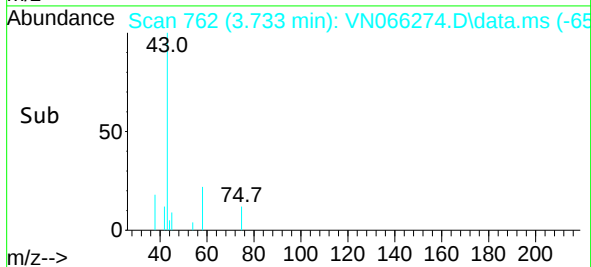
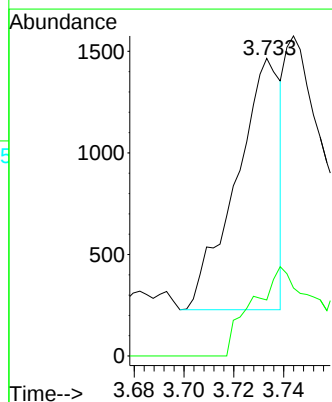
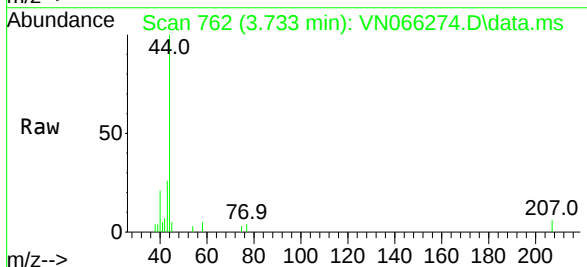
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

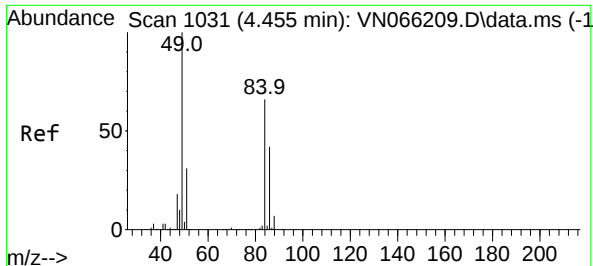
Tgt Ion: 56 Resp: 3495
Ion Ratio Lower Upper
56 100
55 89.2 58.0 87.0#



#16
Acetone
Concen: 0.72 ug/l
RT: 3.733 min Scan# 762
Delta R.T. -0.006 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

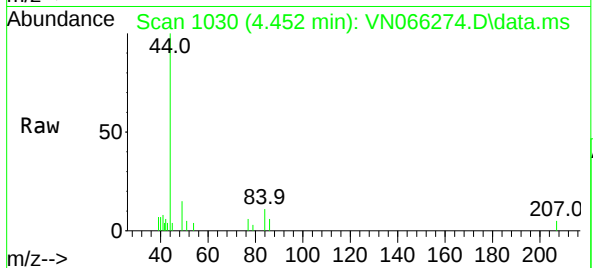
Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
58 22.3 22.3 33.5#



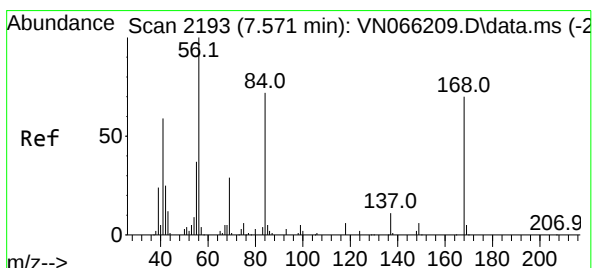
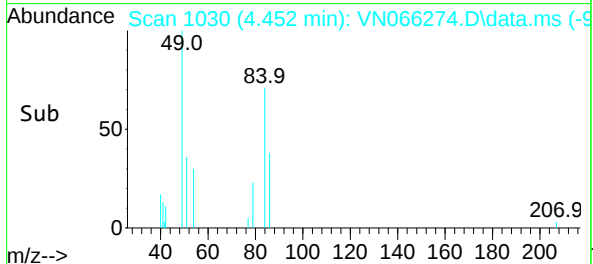
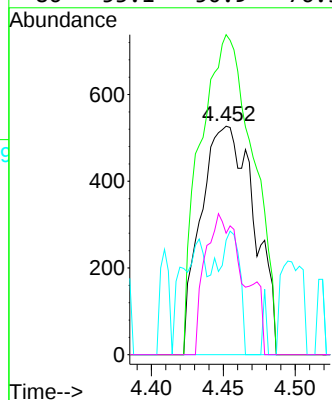


#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 4.452 min Scan# 1030
Delta R.T. -0.003 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

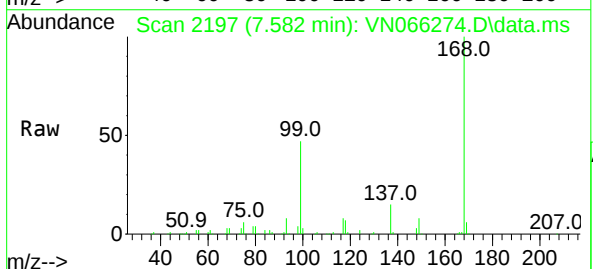
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01



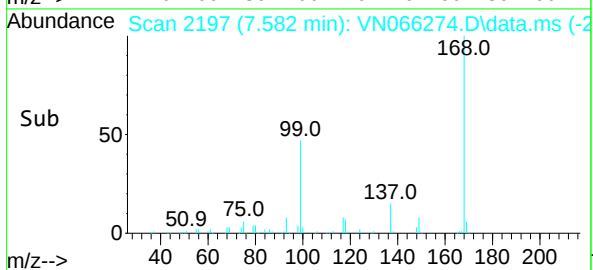
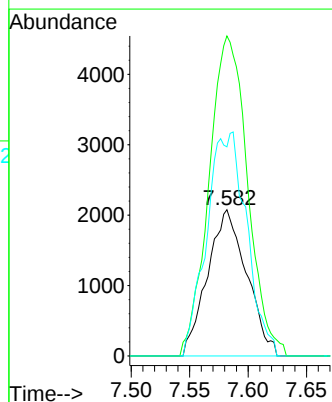
Tgt Ion:	84	Resp:	1356
Ion	Ratio	Lower	Upper
84	100		
49	140.0	130.0	195.0
51	15.2	39.1	58.7#
86	53.1	50.9	76.3

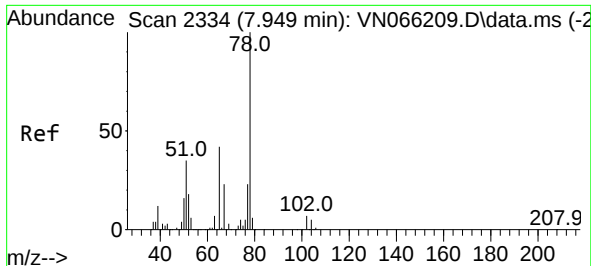


#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.011 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32



Tgt Ion:	56	Resp:	4854
Ion	Ratio	Lower	Upper
56	100		
69	218.8	23.4	35.0#
84	143.0	57.8	86.6#

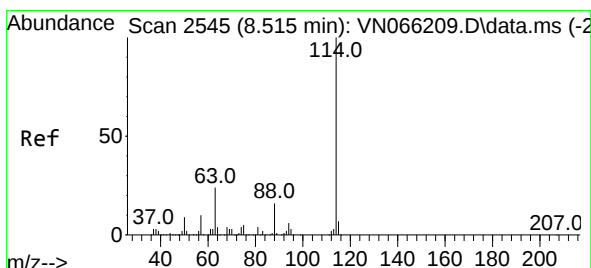
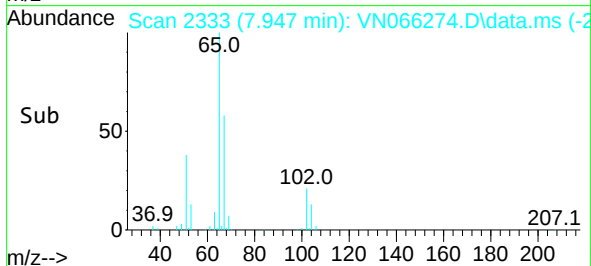
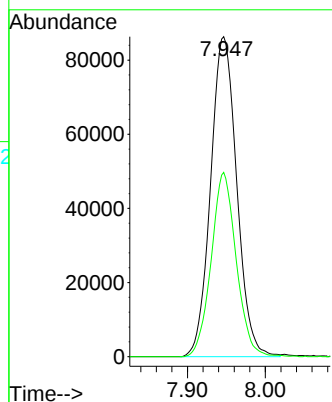
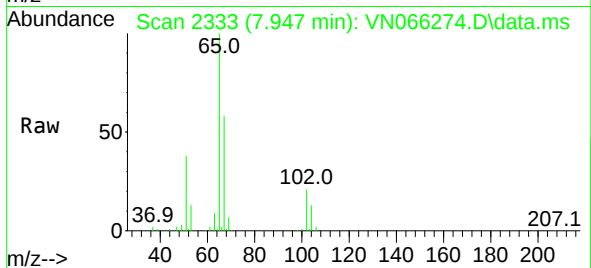




#33
 1,2-Dichloroethane-d4
 Concen: 45.93 ug/l
 RT: 7.947 min Scan# 2333
 Delta R.T. -0.002 min
 Lab File: VN066274.D
 Acq: 19 Mar 2021 12:32

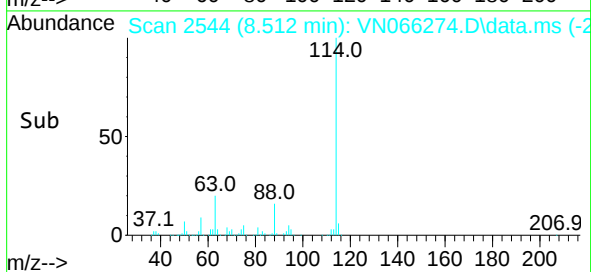
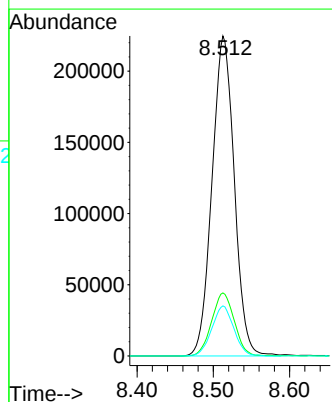
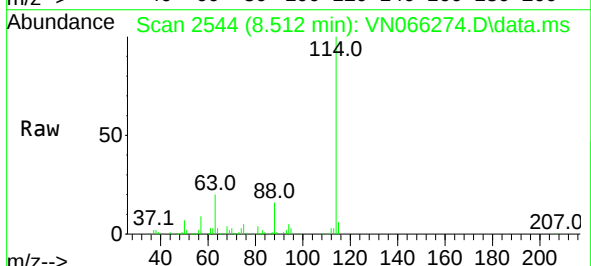
Instrument :
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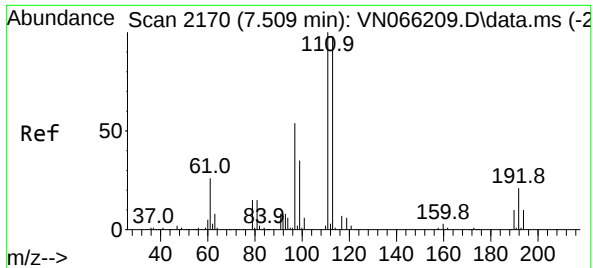
Tgt Ion: 65 Resp: 201352
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.512 min Scan# 2544
 Delta R.T. -0.003 min
 Lab File: VN066274.D
 Acq: 19 Mar 2021 12:32

Tgt Ion: 114 Resp: 455790
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 49.2
 88 15.6 0.0 33.8

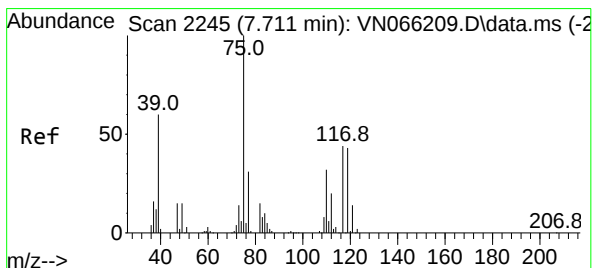
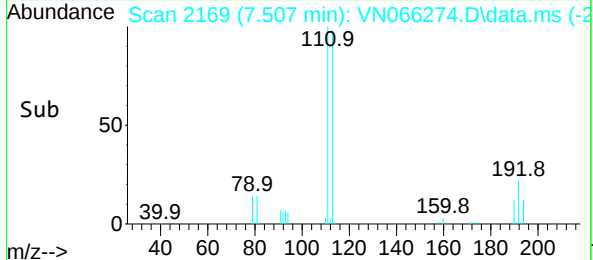
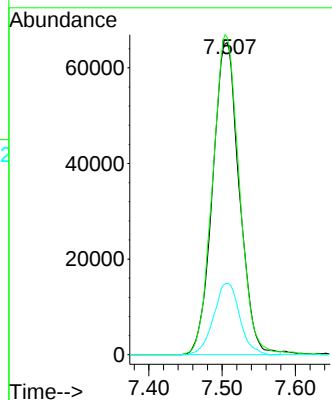
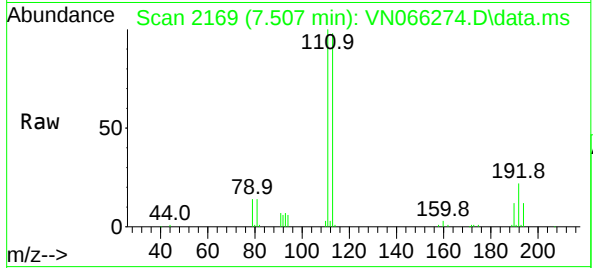




#35
Dibromofluoromethane
Concen: 56.69 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

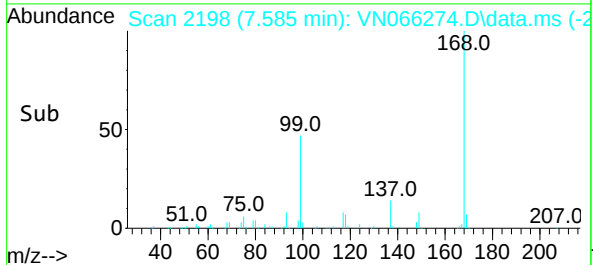
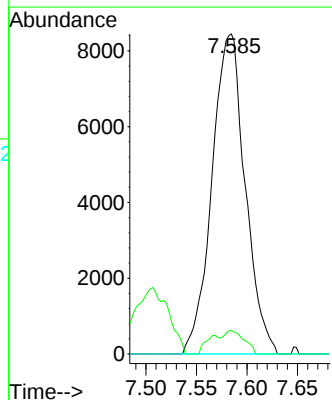
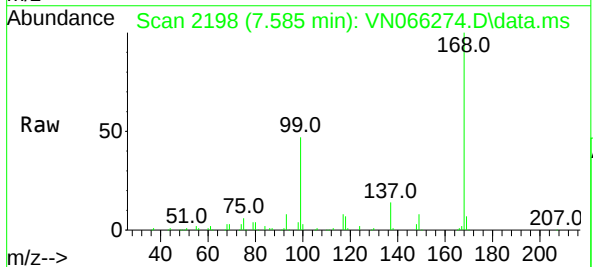
Instrument :
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ClientSampleId :
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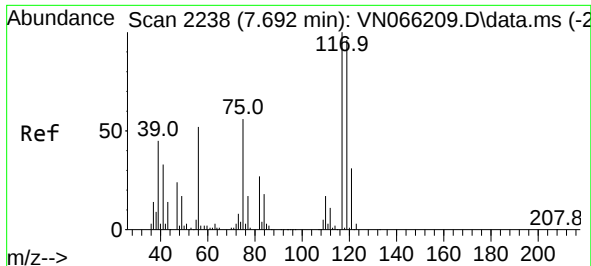
Tgt Ion:113	Resp: 164831		
Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.0	126.0
192	22.4	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.18 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.126 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

Tgt Ion: 75	Resp: 19292		
Ion	Ratio	Lower	Upper
75	100		
110	4.5	16.0	48.0#
77	0.0	24.9	37.3#

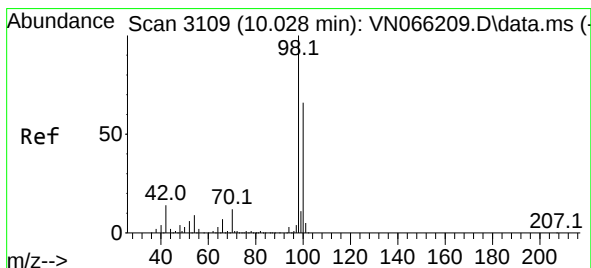
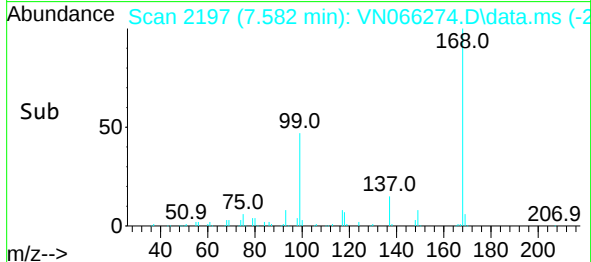
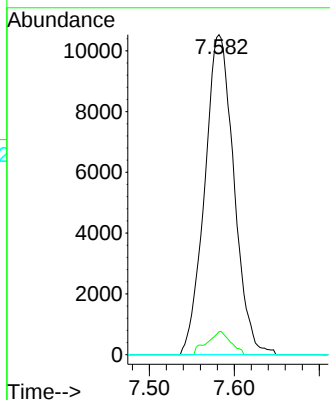
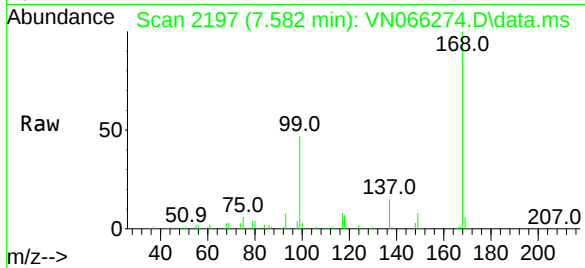




#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.110 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

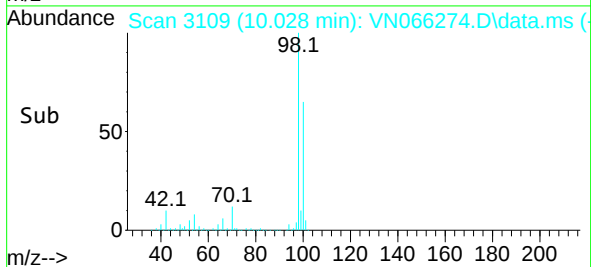
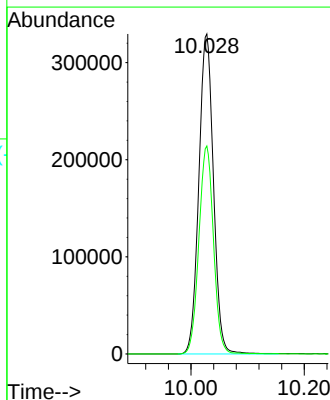
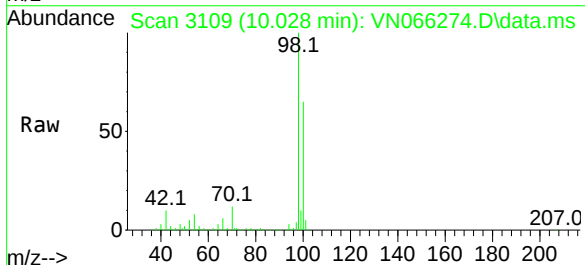
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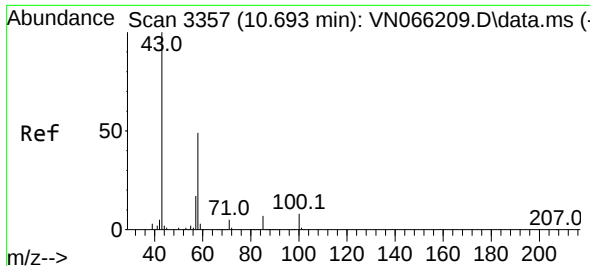
Tgt Ion:117 Resp: 25200
Ion Ratio Lower Upper
117 100
119 7.2 74.6 111.8#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 52.46 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

Tgt Ion: 98 Resp: 589770
Ion Ratio Lower Upper
98 100
100 64.8 51.0 76.6

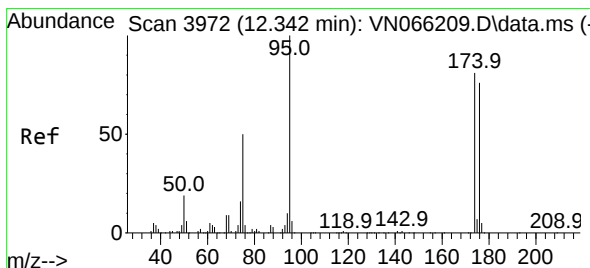
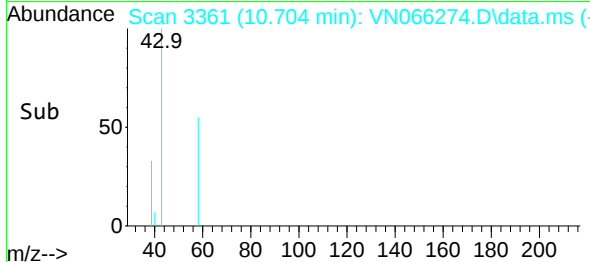
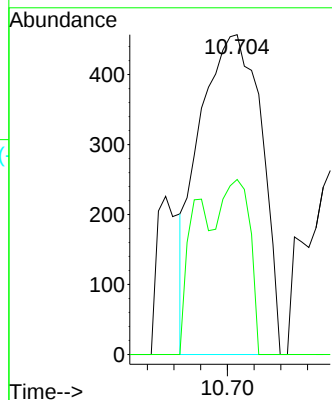
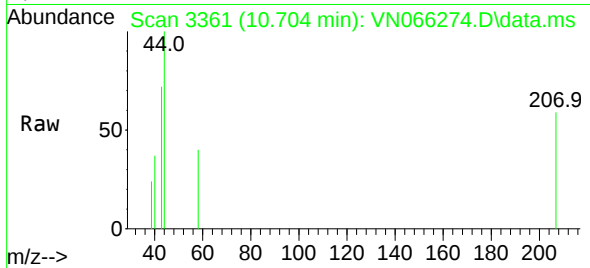




#59
2-Hexanone
Concen: 1.49 ug/l
RT: 10.704 min Scan# 3361
Delta R.T. 0.011 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

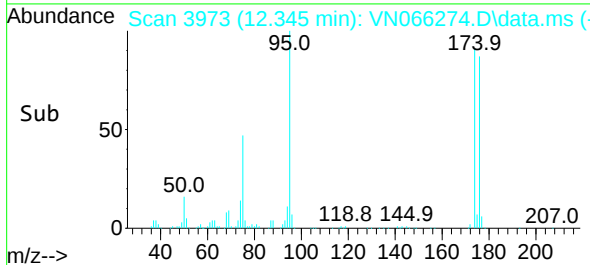
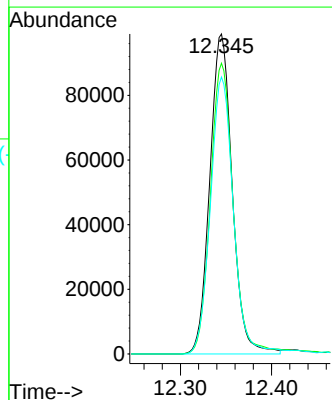
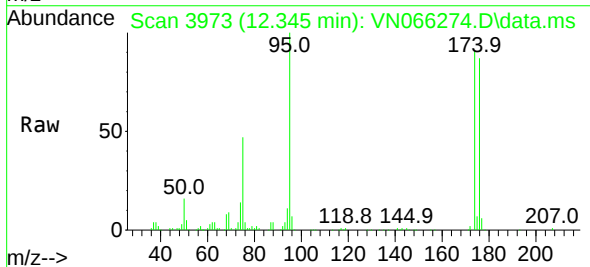
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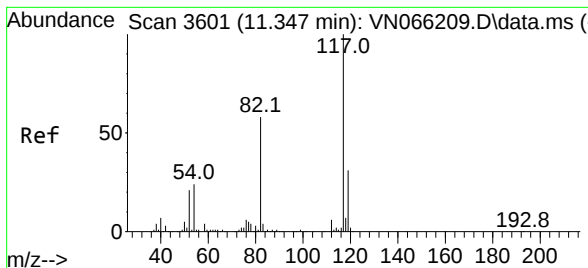
Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
58 24.3 23.8 71.5



#62
4-Bromofluorobenzene
Concen: 41.81 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

Tgt Ion: 95 Resp: 169425
Ion Ratio Lower Upper
95 100
174 91.6 0.0 162.4
176 88.7 0.0 156.2

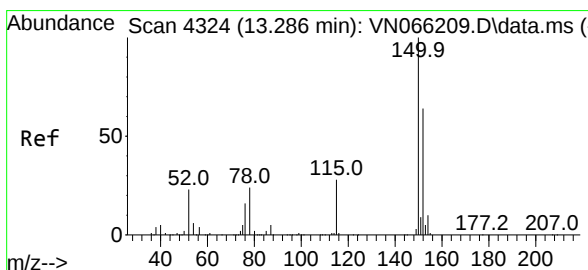
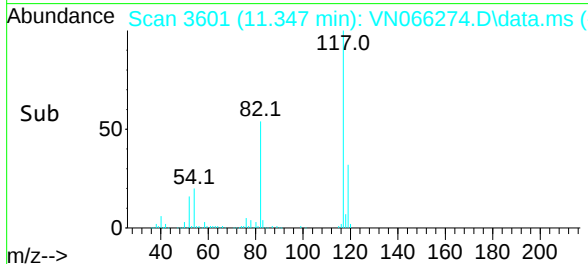
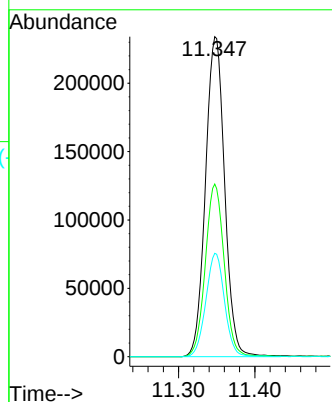
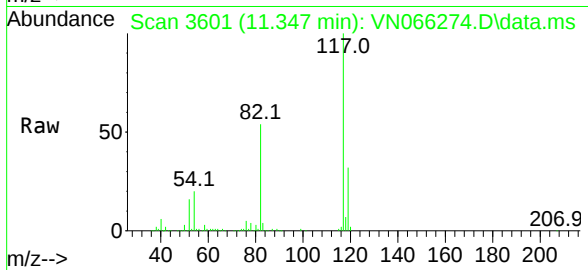




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

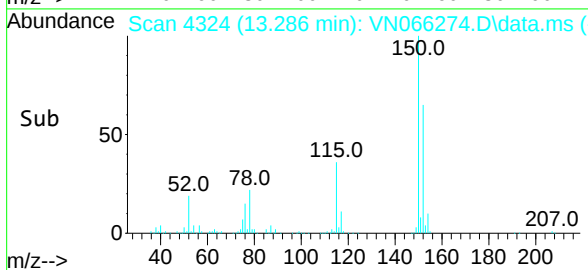
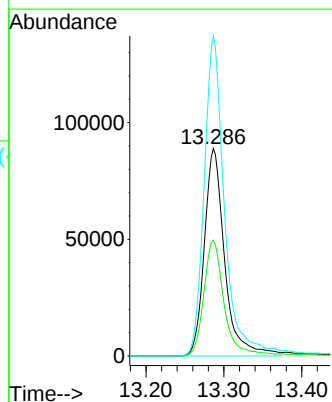
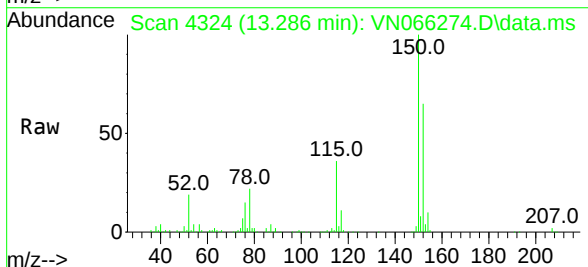
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

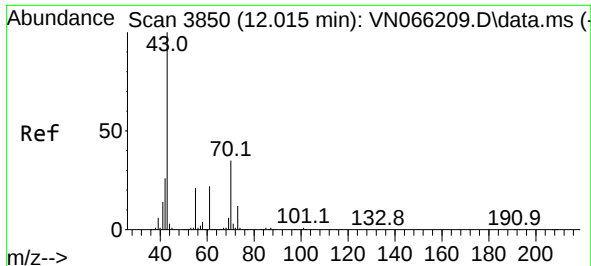
Tgt Ion:	117	Resp:	408309
Ion	Ratio	Lower	Upper
117	100		
82	54.0	49.0	73.6
119	32.3	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

Tgt Ion:	152	Resp:	161533
Ion	Ratio	Lower	Upper
152	100		
115	55.4	29.4	88.3
150	152.6	0.0	352.2

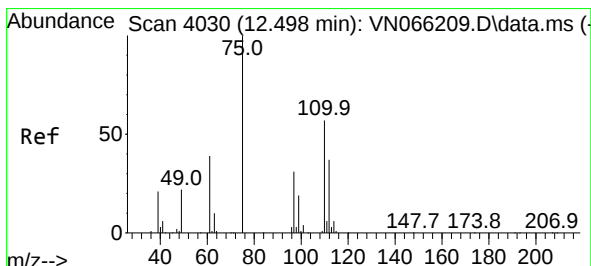
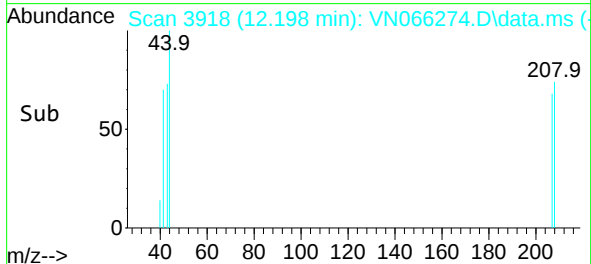
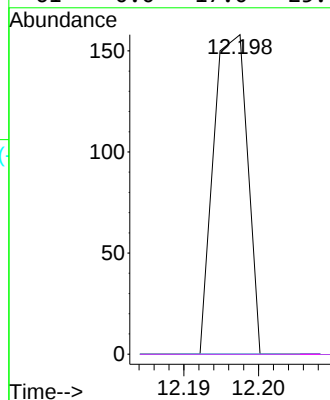
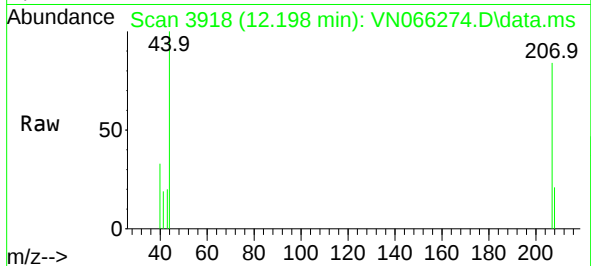




#74
N-amy1 acetate
Concen: 2.17 ug/l
RT: 12.198 min Scan# 3918
Delta R.T. 0.183 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

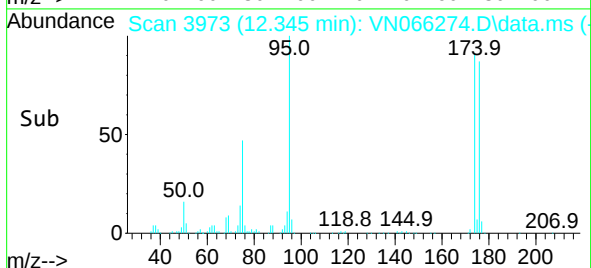
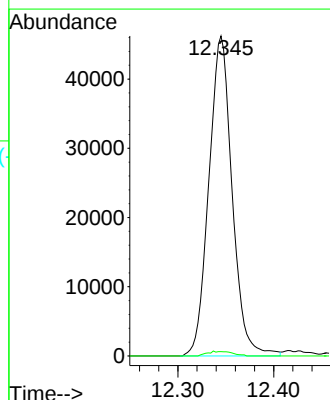
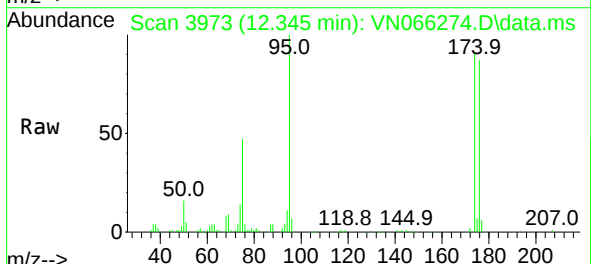
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

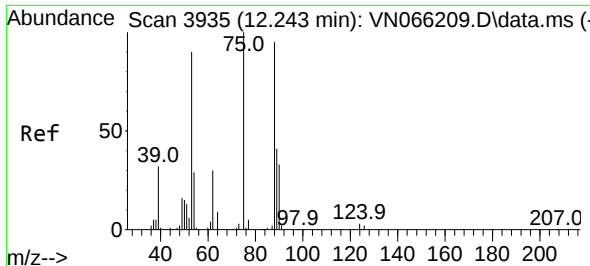
Tgt Ion: 43	Resp: 50
Ion Ratio	Lower Upper
43 100	
70 0.0	26.2 39.4#
55 0.0	17.2 25.8#
61 0.0	17.0 25.4#



#76
1,2,3-Trichloropropane
Concen: 18.71 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

Tgt Ion: 75	Resp: 78031
Ion Ratio	Lower Upper
75 100	
77 0.7	0.0 0.0#

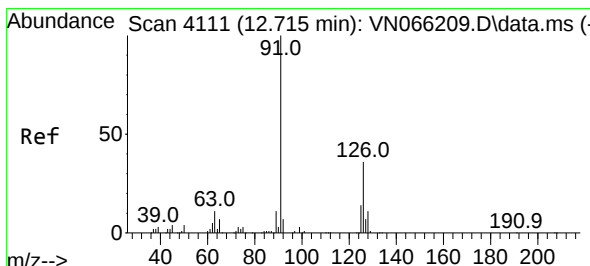
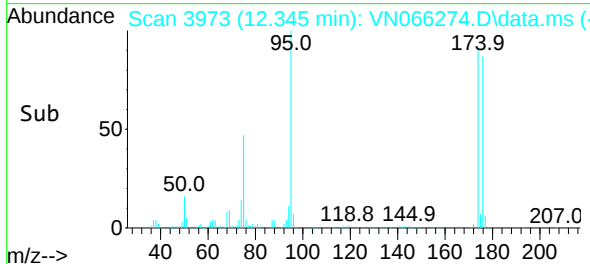
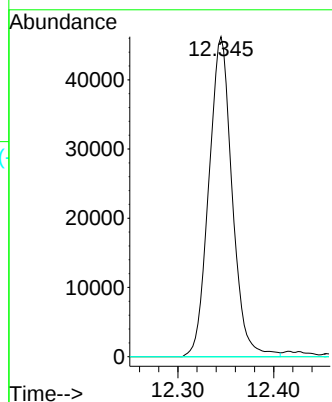
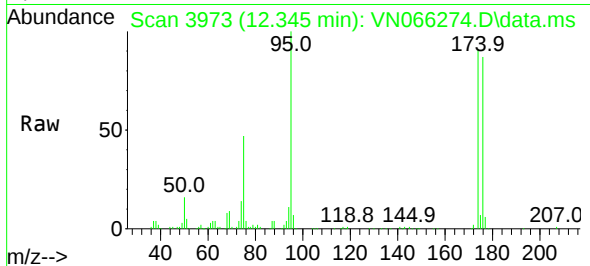




#81
trans-1,4-Dichloro-2-butene
Concen: 55.98 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

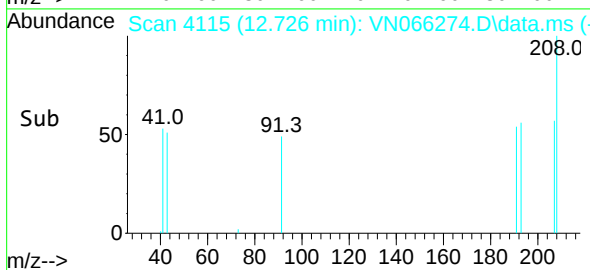
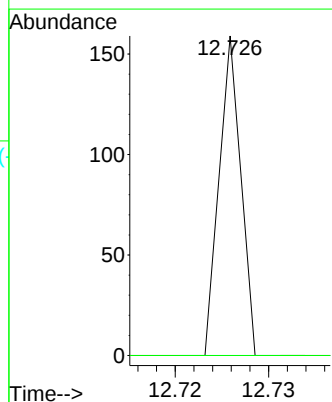
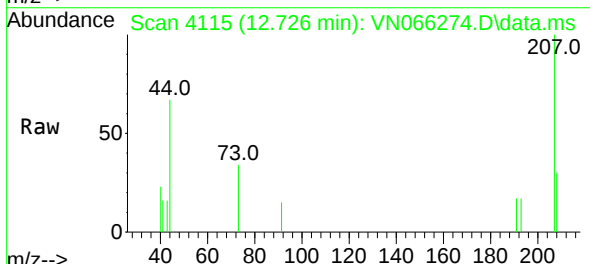
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

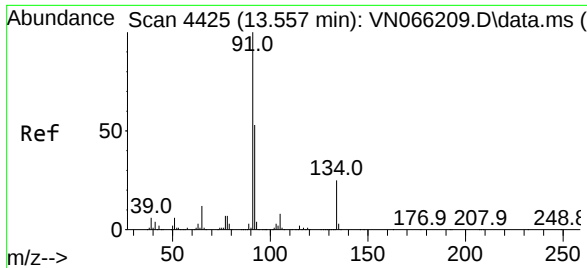
Tgt Ion: 75 Resp: 78031
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.6#
89 0.0 33.7 50.5#



#82
4-Chlorotoluene
Concen: 0.47 ug/l
RT: 12.726 min Scan# 4115
Delta R.T. 0.011 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

Tgt Ion: 91 Resp: 26
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#

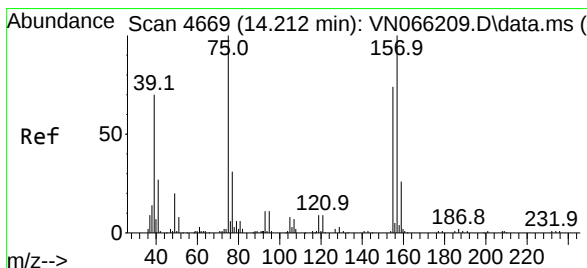
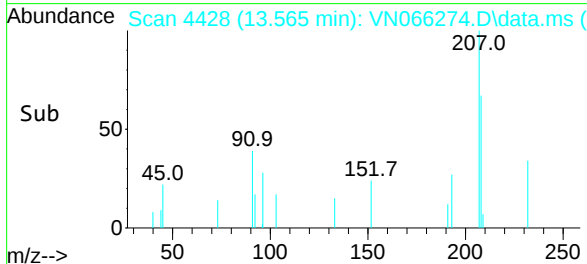
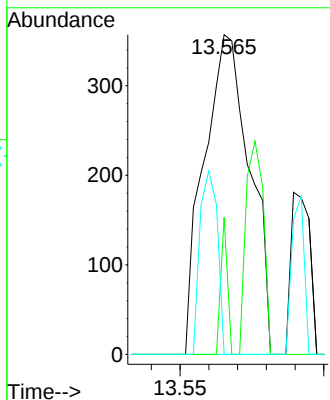
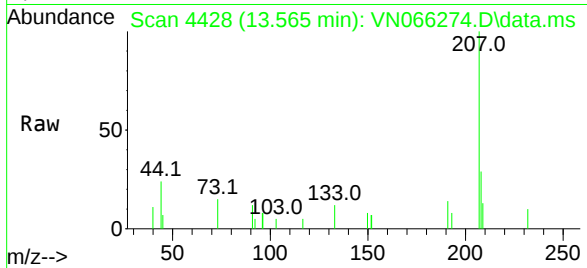




#89
n-Butylbenzene
Concen: 2.28 ug/l
RT: 13.565 min Scan# 4428
Delta R.T. 0.008 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

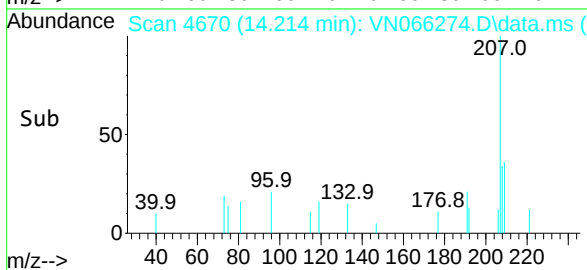
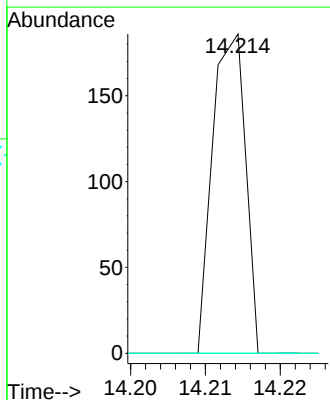
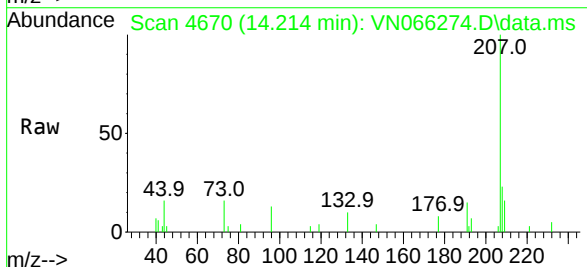
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

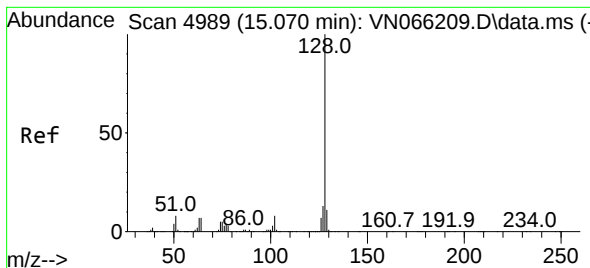
Tgt Ion: 91 Resp: 395
Ion Ratio Lower Upper
91 100
92 6.3 25.7 77.0#
134 22.0 11.8 35.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.90 ug/l
RT: 14.214 min Scan# 4670
Delta R.T. 0.002 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

Tgt Ion: 75 Resp: 57
Ion Ratio Lower Upper
75 100
155 0.0 36.5 109.7#
157 0.0 46.3 138.8#

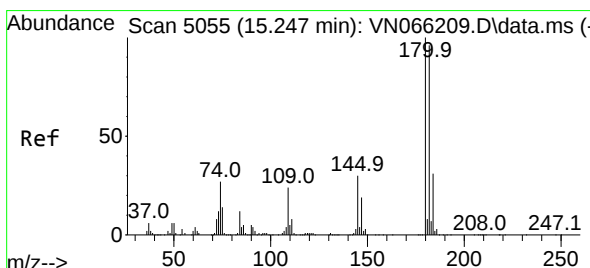
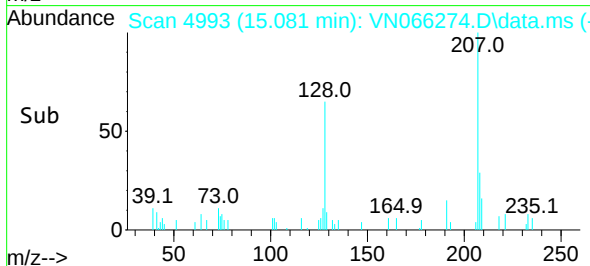
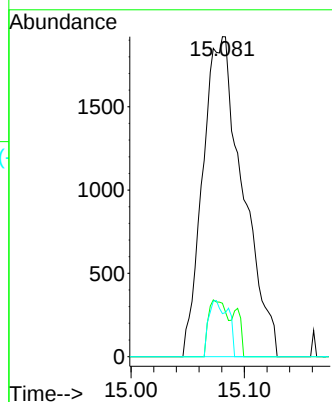
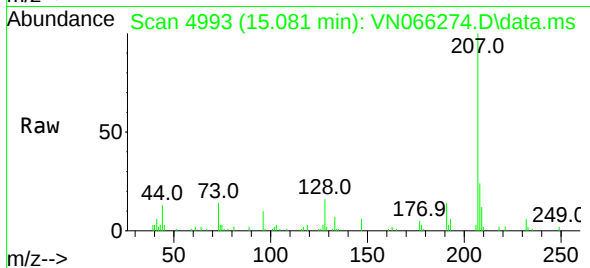




#95
Naphthalene
Concen: 0.50 ug/l
RT: 15.081 min Scan# 4993
Delta R.T. 0.011 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBL01

Tgt Ion:128 Resp: 4690
Ion Ratio Lower Upper
128 100
127 7.9 10.3 15.5#
129 8.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 0.33 ug/l
RT: 15.252 min Scan# 5057
Delta R.T. 0.005 min
Lab File: VN066274.D
Acq: 19 Mar 2021 12:32

Tgt Ion:180 Resp: 1065
Ion Ratio Lower Upper
180 100
182 38.3 47.9 143.8#
145 5.7 15.6 46.8#

