

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066290.D
 Acq On : 19 Mar 2021 18:58
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 20 05:02:04 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	7.584	168	284613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	421340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	332227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	120787	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	180717	44.07	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.14%
35) Dibromofluoromethane	7.509	113	145208	54.02	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.04%
50) Toluene-d8	10.028	98	506303	48.72	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.44%
62) 4-Bromofluorobenzene	12.345	95	141084	37.66	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	75.32%#

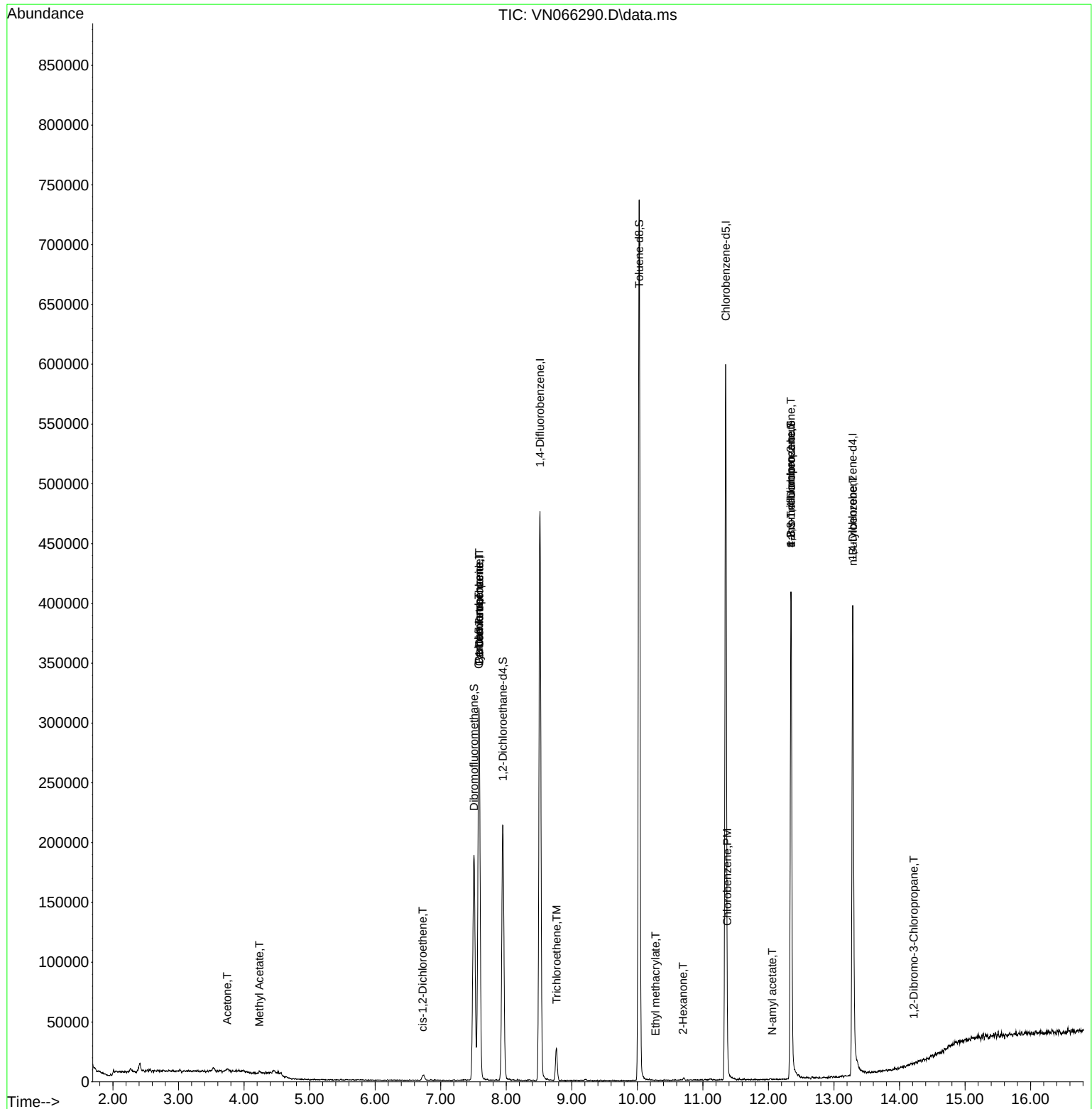
Target Compounds					Qvalue
13) Acrolein	3.535	56	2753	Below Cal	# 72
16) Acetone	3.741	43	4244	2.15 ug/l	# 86
18) Methyl Acetate	4.235	43	1146	0.21 ug/l	98
27) cis-1,2-Dichloroethene	6.726	96	1840	0.54 ug/l	79
31) Cyclohexane	7.582	56	4267	0.69 ug/l	# 1
36) 1,1-Dichloropropene	7.587	75	18177	4.26 ug/l	# 44
38) Carbon Tetrachloride	7.587	117	23849	6.24 ug/l	# 19
44) Trichloroethene	8.767	130	10763	3.46 ug/l	83
56) Ethyl methacrylate	10.277	69	27	2.17 ug/l	# 17
59) 2-Hexanone	10.698	43	179	1.38 ug/l	# 29
65) Chlorobenzene	11.371	112	5482	0.82 ug/l	89
74) N-amyl acetate	12.058	43	90	2.18 ug/l	# 49
76) 1,2,3-Trichloropropane	12.345	75	68553	21.98 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.345	75	68553	65.77 ug/l	# 11
89) n-Butylbenzene	13.289	91	254	2.27 ug/l	# 34
92) 1,2-Dibromo-3-Chloropr...	14.217	75	202	1.14 ug/l	# 8

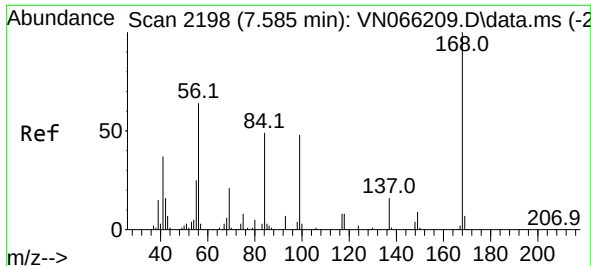
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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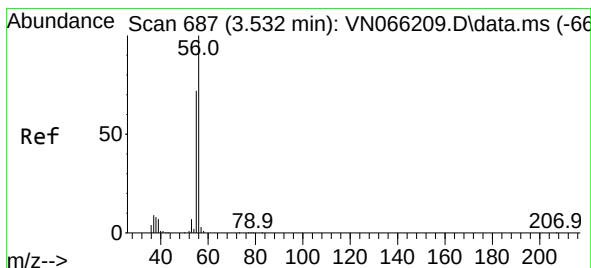
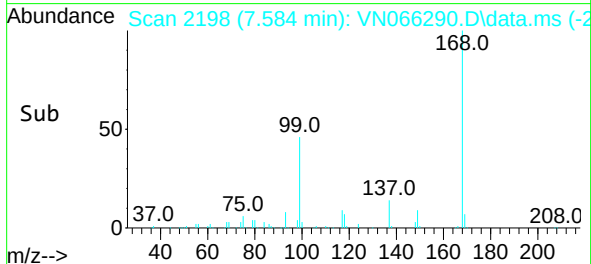
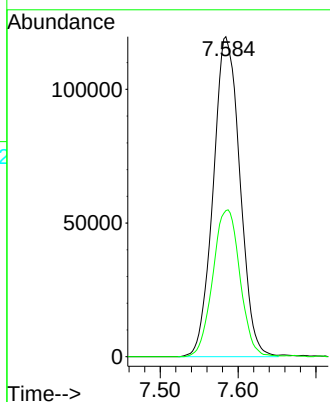
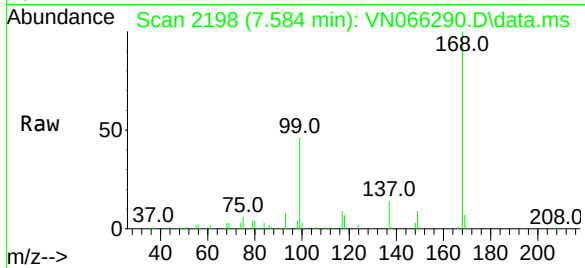




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

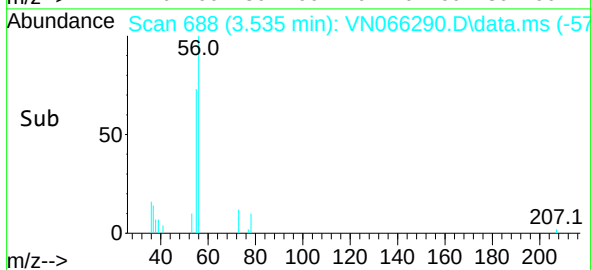
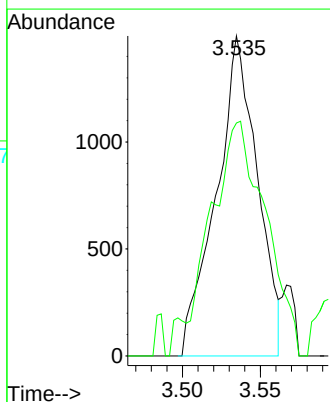
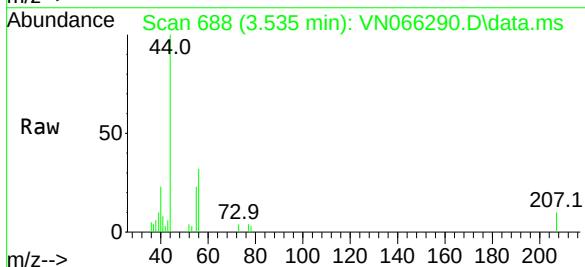
Instrument :
MSVOA_N
ClientSampled :
IBLK

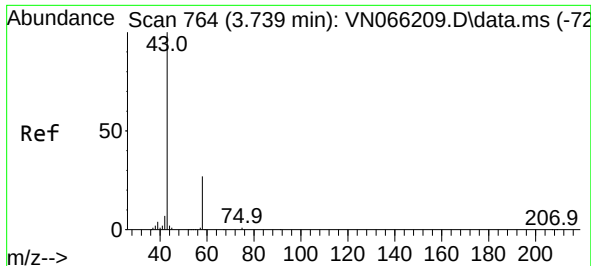
Tgt Ion:168 Resp: 284613
Ion Ratio Lower Upper
168 100
99 45.6 45.4 68.0



#13
Acrolein
Concen: Below Cal
RT: 3.535 min Scan# 688
Delta R.T. 0.003 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Tgt Ion: 56 Resp: 2753
Ion Ratio Lower Upper
56 100
55 96.3 58.0 87.0#

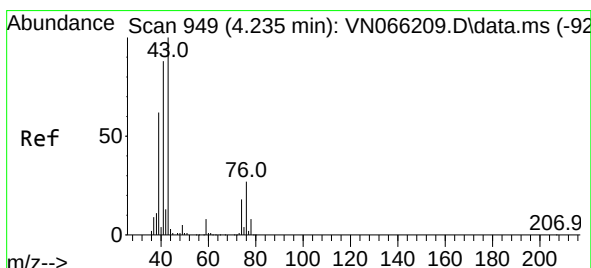
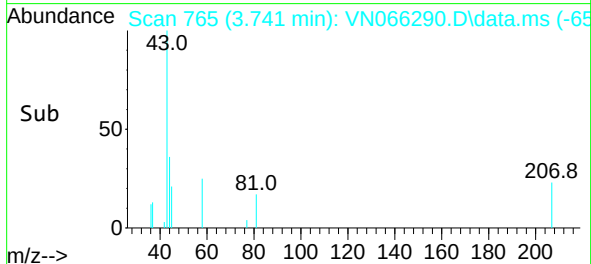
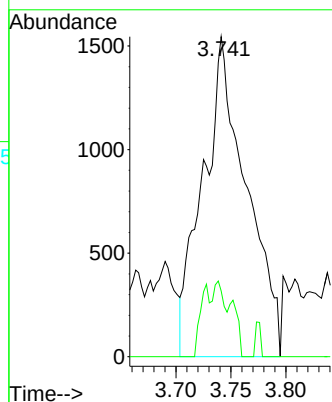
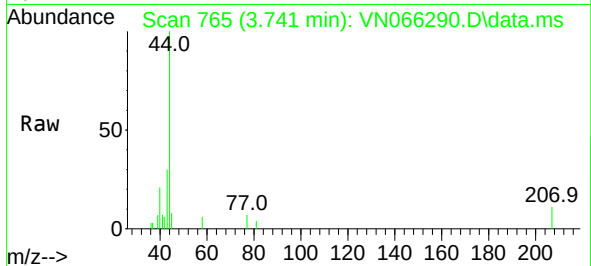




#16
Acetone
Concen: 2.15 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

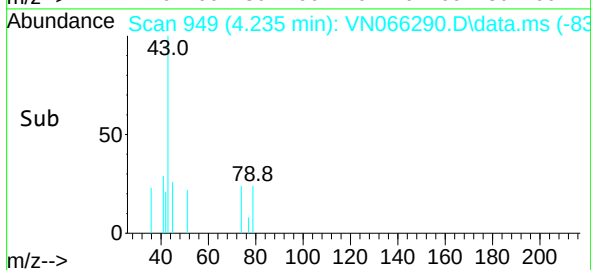
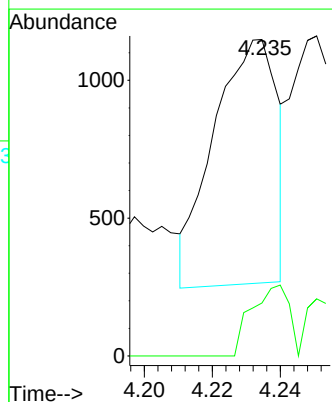
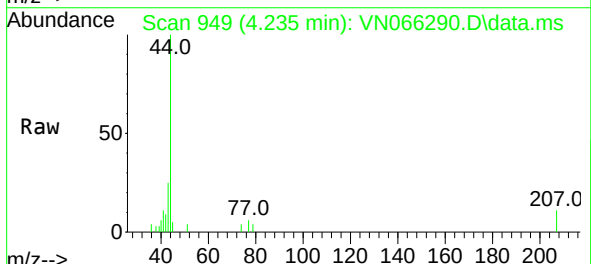
Instrument :
MSVOA_N
ClientSampled :
IBLK

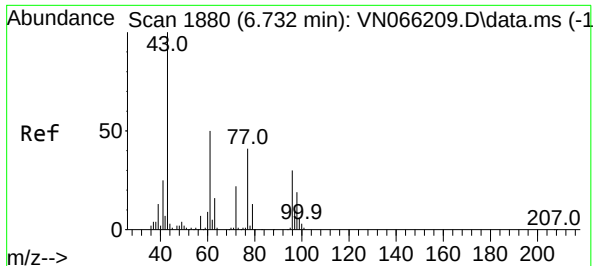
Tgt Ion: 43 Resp: 4244
Ion Ratio Lower Upper
43 100
58 20.6 22.3 33.5#



#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 4.235 min Scan# 949
Delta R.T. -0.000 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
74 17.0 14.2 21.2

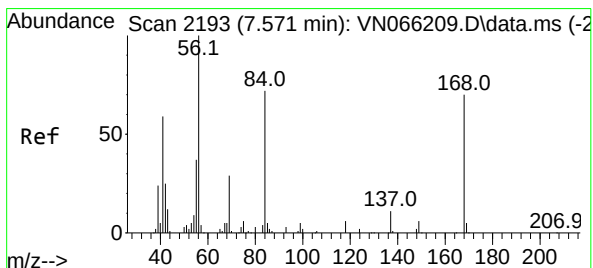
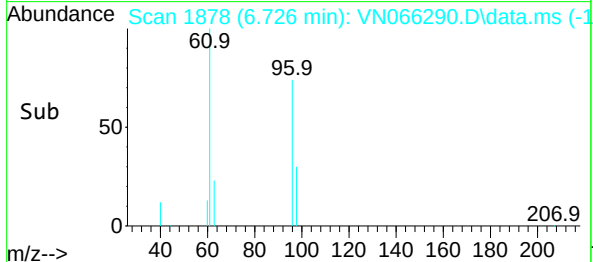
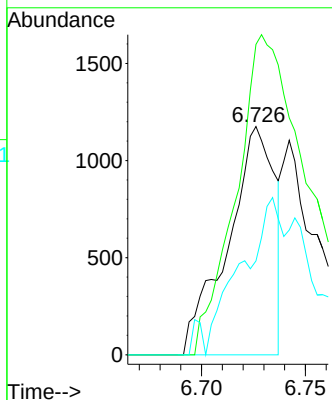
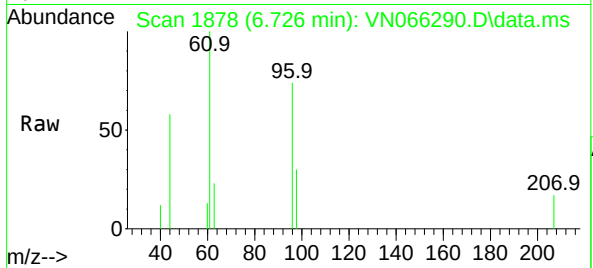




#27
 cis-1,2-Dichloroethene
 Concen: 0.54 ug/l
 RT: 6.726 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VN066290.D
 Acq: 19 Mar 2021 18:58

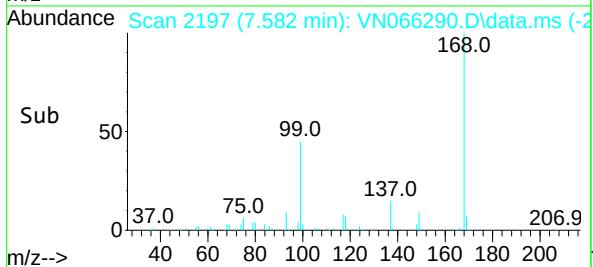
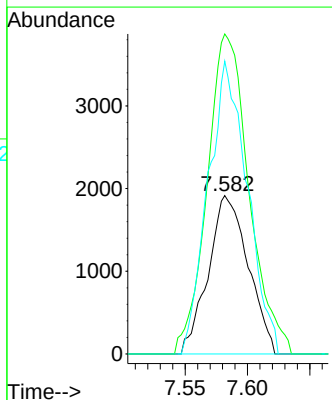
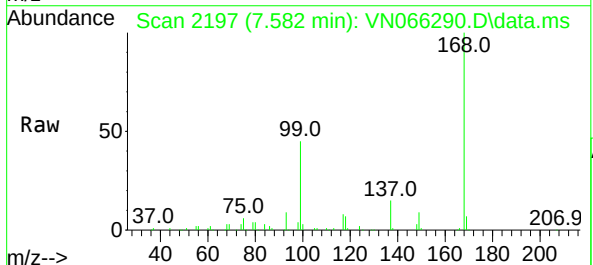
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

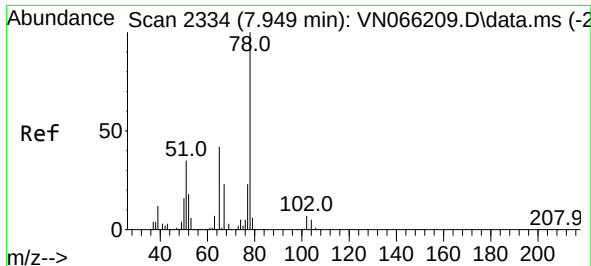
Tgt Ion:	96	Resp:	1840
Ion	Ratio	Lower	Upper
96	100		
61	212.8	0.0	350.8
98	59.9	0.0	125.0



#31
 Cyclohexane
 Concen: 0.69 ug/l
 RT: 7.582 min Scan# 2197
 Delta R.T. 0.011 min
 Lab File: VN066290.D
 Acq: 19 Mar 2021 18:58

Tgt Ion:	56	Resp:	4267
Ion	Ratio	Lower	Upper
56	100		
69	191.7	23.4	35.0#
84	184.9	57.8	86.6#





#33

1,2-Dichloroethane-d4

Concen: 44.07 ug/l

RT: 7.949 min Scan# 2334

Delta R.T. 0.000 min

Lab File: VN066290.D

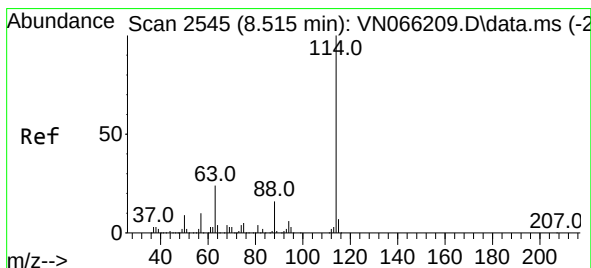
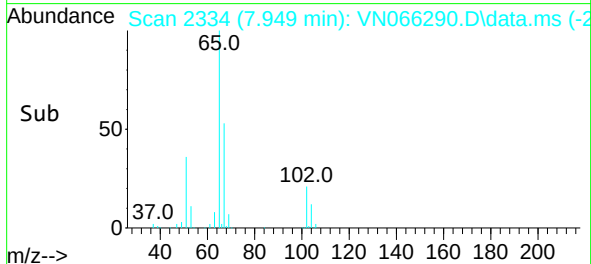
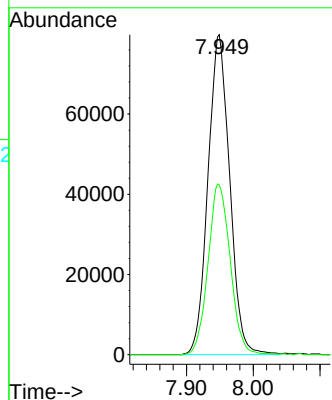
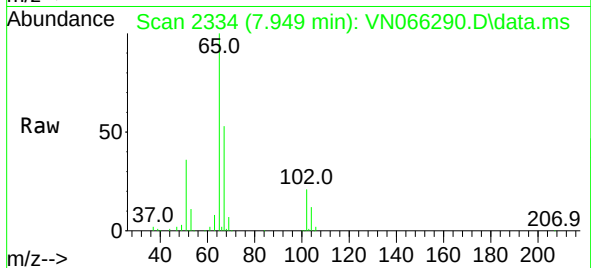
Acq: 19 Mar 2021 18:58

Tgt Ion: 65 Resp: 180717

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.515 min Scan# 2545

Delta R.T. 0.000 min

Lab File: VN066290.D

Acq: 19 Mar 2021 18:58

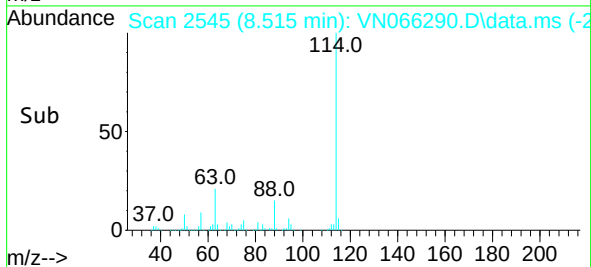
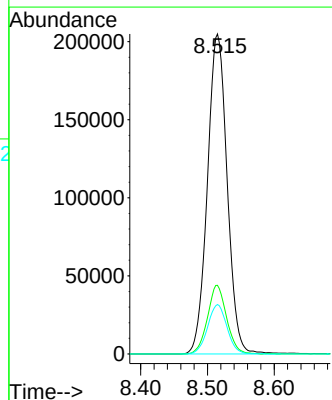
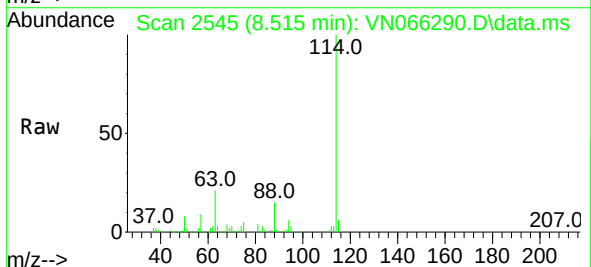
Tgt Ion: 114 Resp: 421340

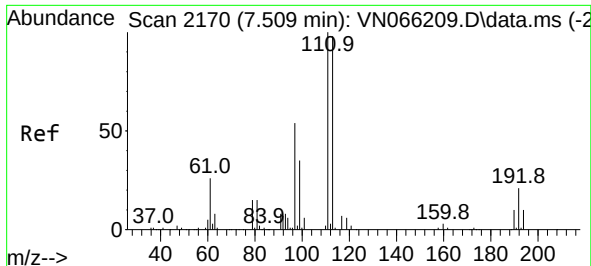
Ion Ratio Lower Upper

114 100

63 21.5 0.0 49.2

88 15.5 0.0 33.8



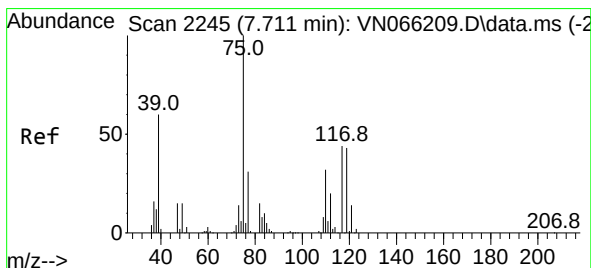
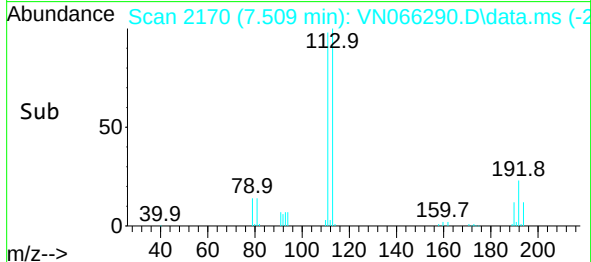
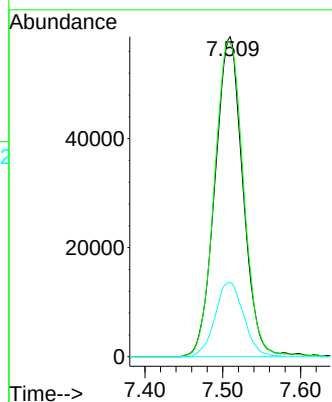
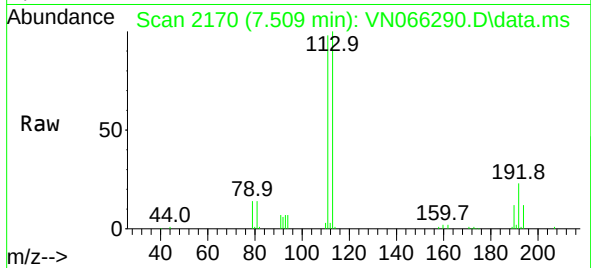


#35
Dibromofluoromethane
Concen: 54.02 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion: 113 Resp: 145208

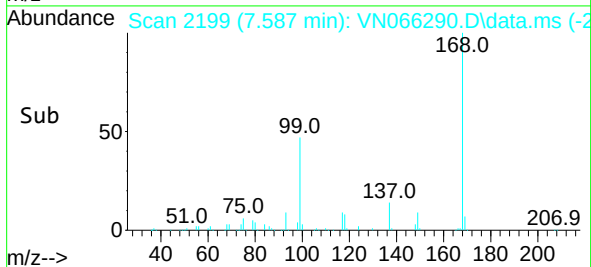
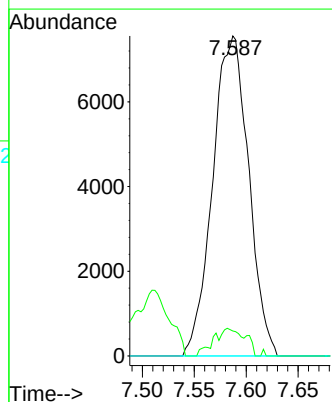
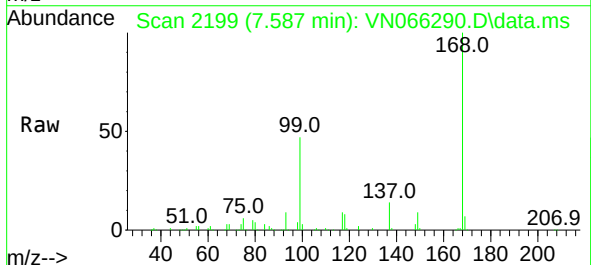
Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.0	126.0
192	24.0	16.7	25.1

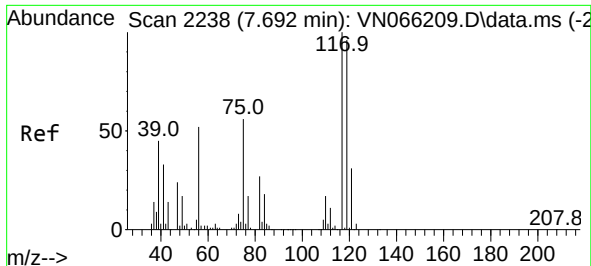


#36
1,1-Dichloropropene
Concen: 4.26 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.124 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Tgt Ion: 75 Resp: 18177

Ion	Ratio	Lower	Upper
75	100		
110	1.6	16.0	48.0#
77	0.0	24.9	37.3#

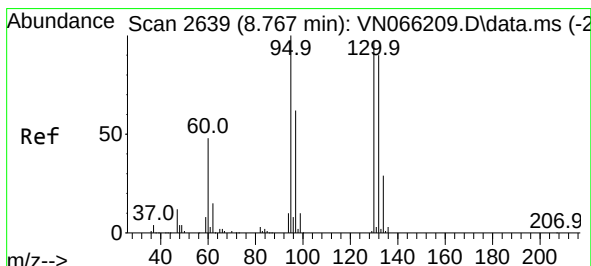
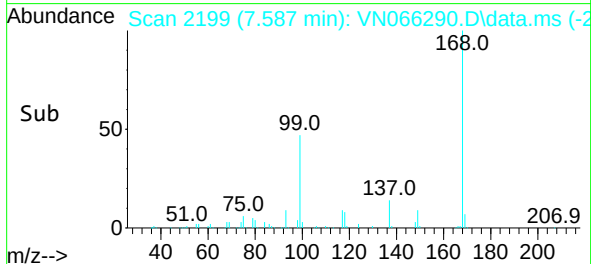
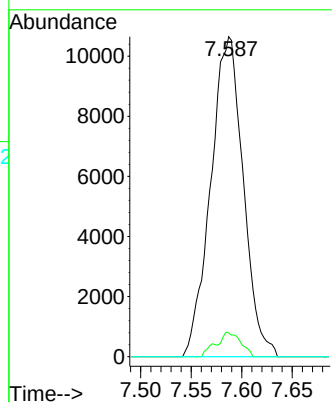
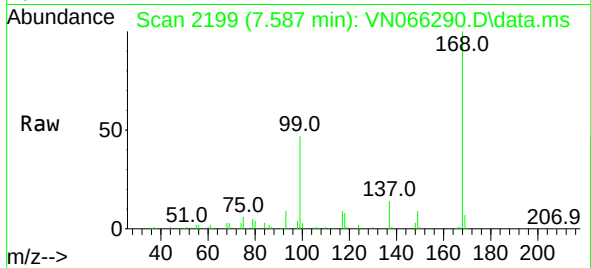




#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.105 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

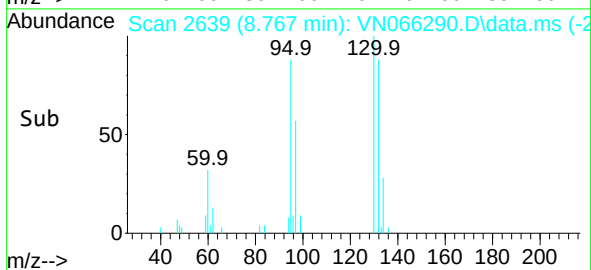
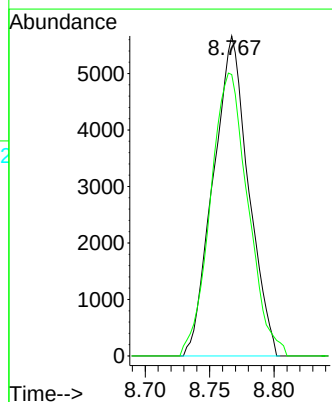
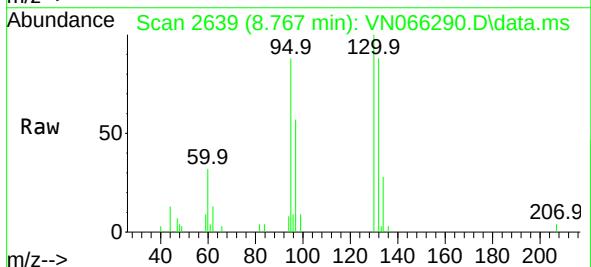
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ClientSampled :
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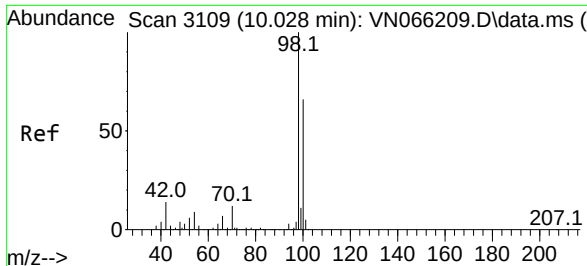
Tgt Ion:117 Resp: 23849
Ion Ratio Lower Upper
117 100
119 7.4 74.6 111.8#
121 0.0 23.9 35.9#



#44
Trichloroethene
Concen: 3.46 ug/l
RT: 8.767 min Scan# 2639
Delta R.T. 0.000 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Tgt Ion:130 Resp: 10763
Ion Ratio Lower Upper
130 100
95 87.9 0.0 210.2

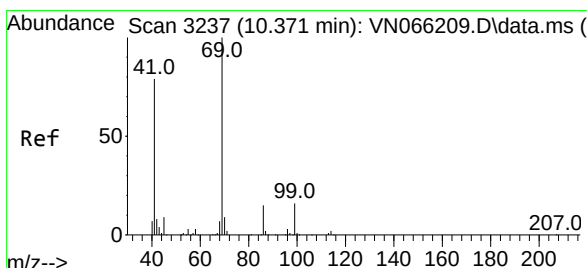
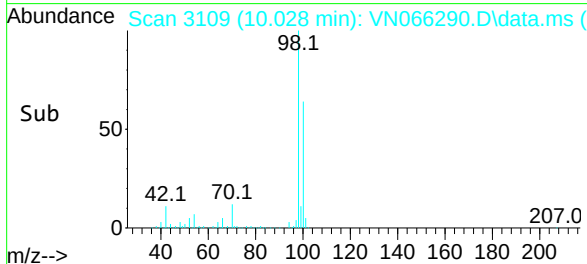
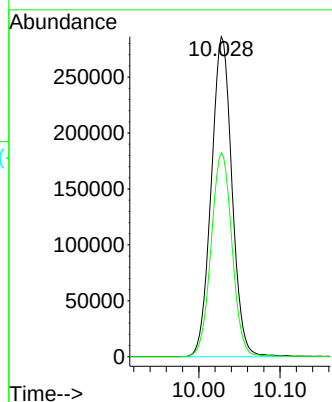
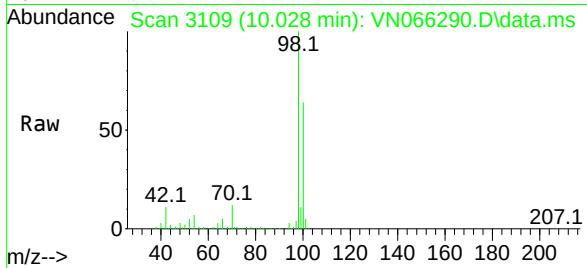




#50
Toluene-d8
Concen: 48.72 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

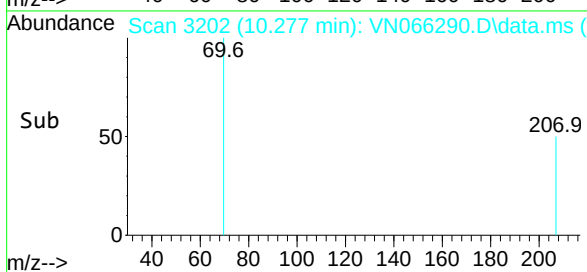
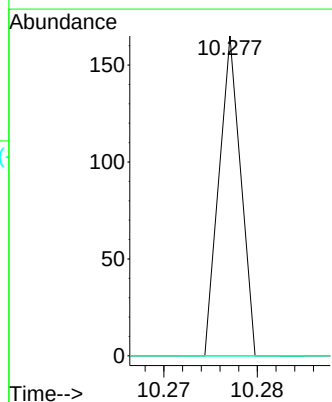
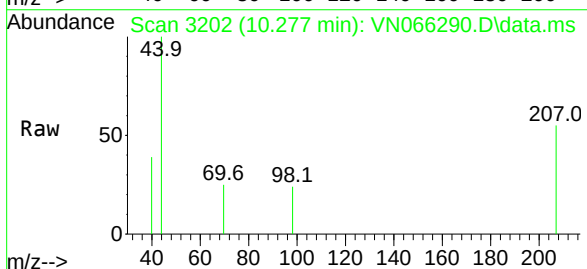
Instrument :
MSVOA_N
ClientSampled :
IBLK

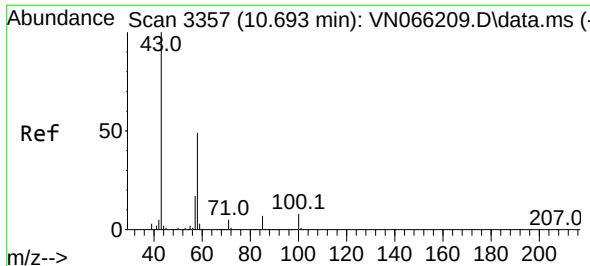
Tgt Ion: 98 Resp: 506303
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.6



#56
Ethyl methacrylate
Concen: 2.17 ug/l
RT: 10.277 min Scan# 3202
Delta R.T. -0.094 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Tgt Ion: 69 Resp: 27
Ion Ratio Lower Upper
69 100
41 0.0 66.2 99.4#
39 0.0 31.5 47.3#

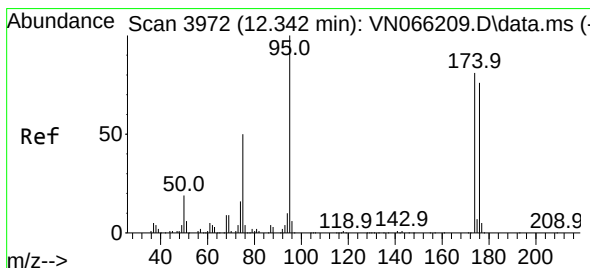
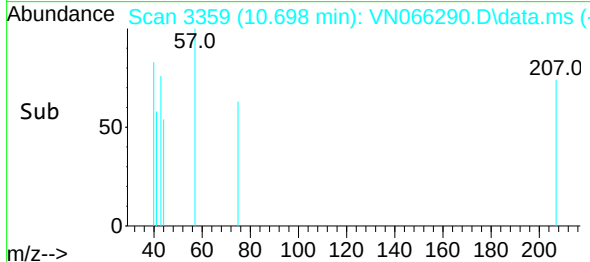
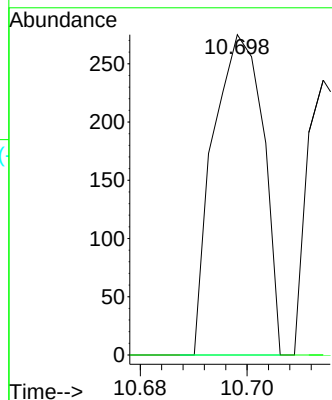
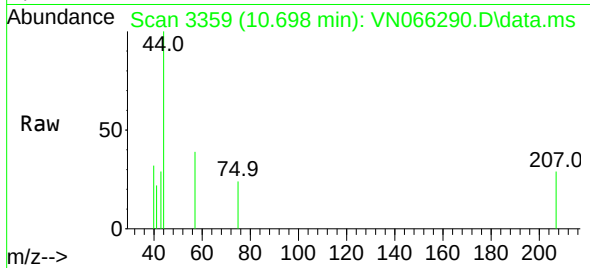




#59
2-Hexanone
Concen: 1.38 ug/l
RT: 10.698 min Scan# 3359
Delta R.T. 0.005 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

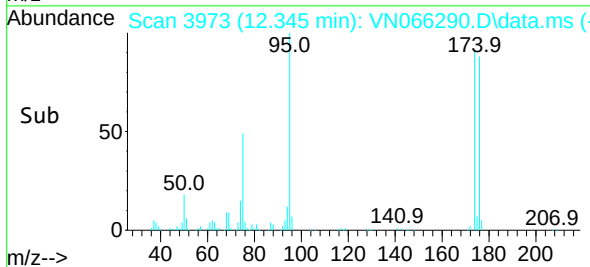
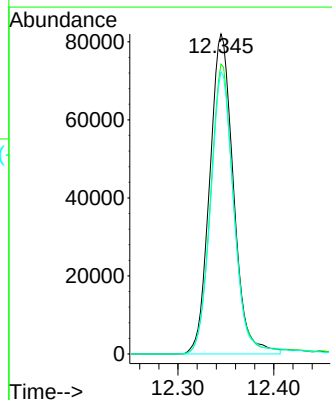
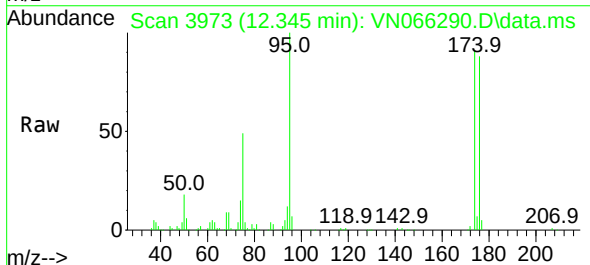
Instrument :
MSVOA_N
ClientSampled :
IBLK

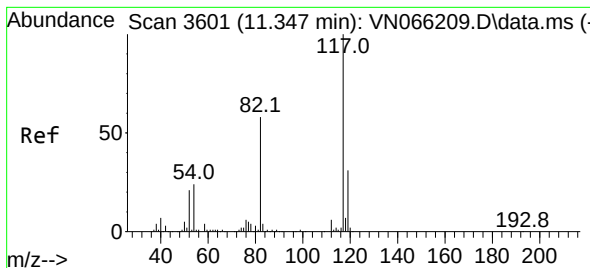
Tgt Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
58 0.0 23.8 71.5#



#62
4-Bromofluorobenzene
Concen: 37.66 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Tgt Ion: 95 Resp: 141084
Ion Ratio Lower Upper
95 100
174 88.7 0.0 162.4
176 86.0 0.0 156.2

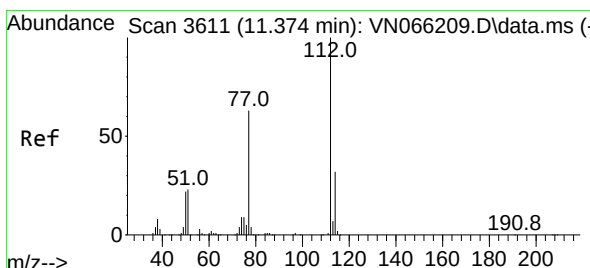
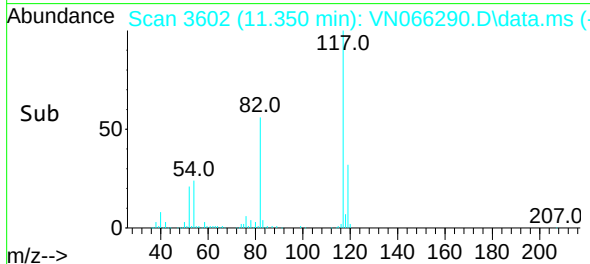
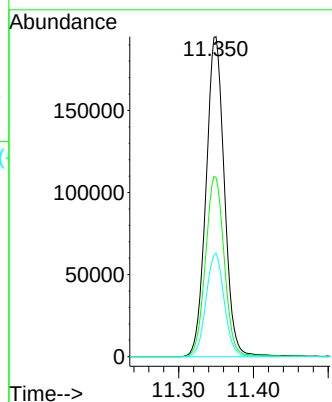
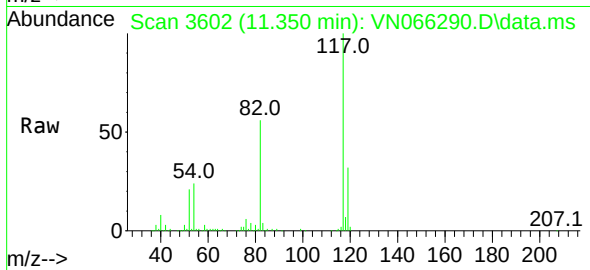




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

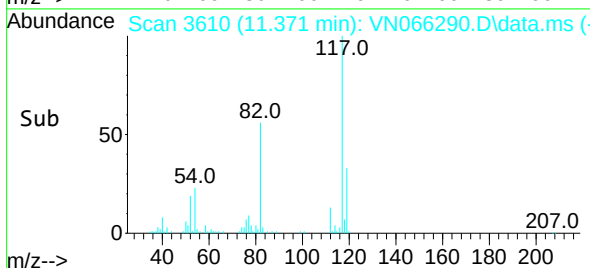
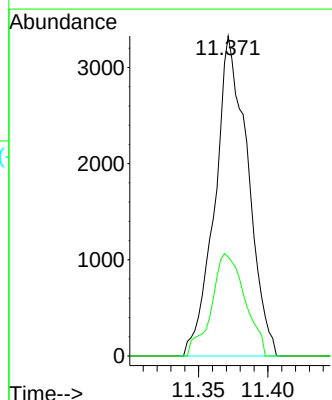
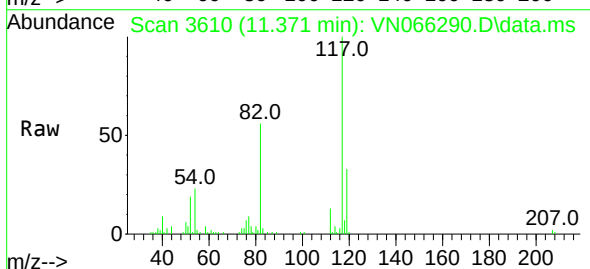
Instrument :
MSVOA_N
ClientSampled :
IBLK

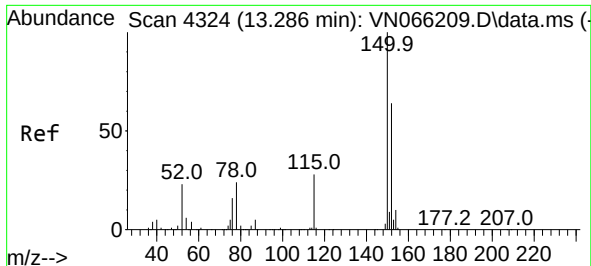
Tgt Ion:117 Resp: 332227
Ion Ratio Lower Upper
117 100
82 56.0 49.0 73.6
119 32.3 25.7 38.5



#65
Chlorobenzene
Concen: 0.82 ug/l
RT: 11.371 min Scan# 3610
Delta R.T. -0.003 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Tgt Ion:112 Resp: 5482
Ion Ratio Lower Upper
112 100
114 37.9 25.4 38.0

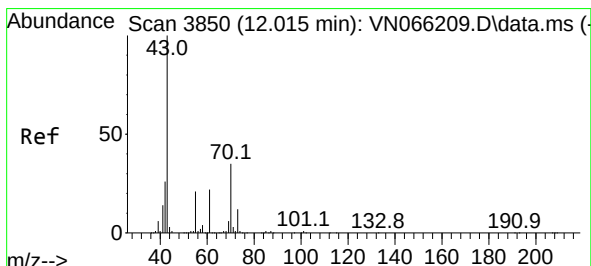
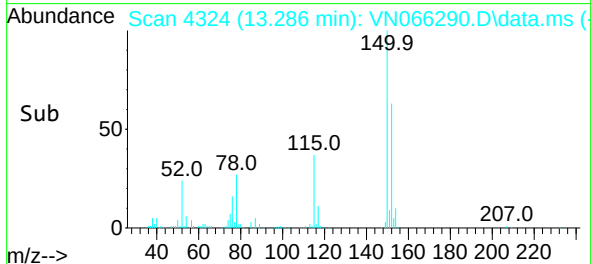
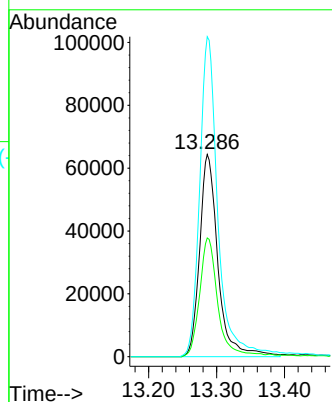
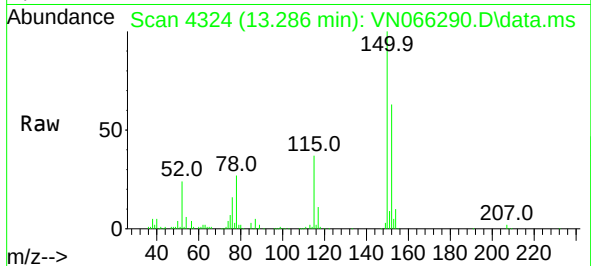




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

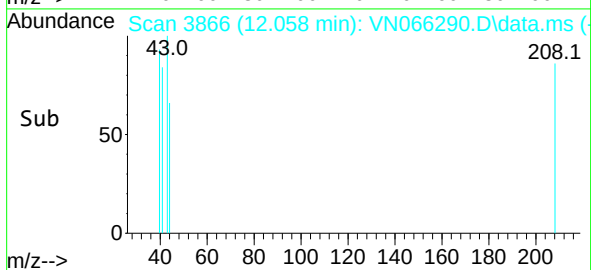
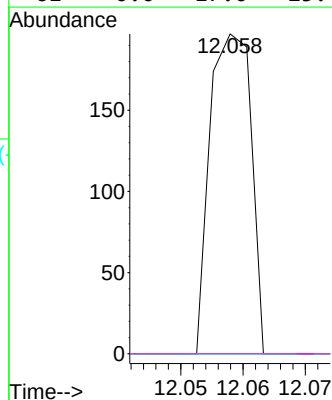
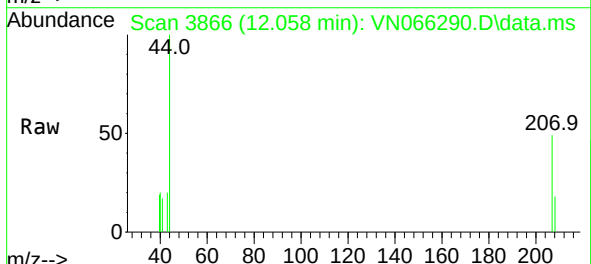
Instrument :
MSVOA_N
ClientSampleId :
IBLK

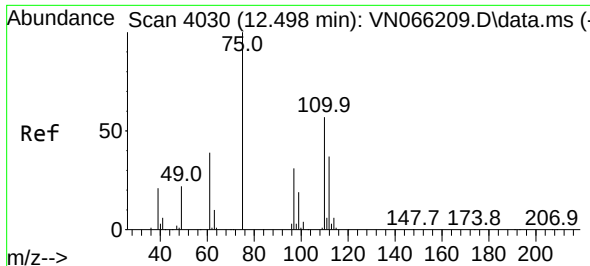
Tgt Ion:152 Resp: 120787
Ion Ratio Lower Upper
152 100
115 58.1 29.4 88.3
150 157.5 0.0 352.2



#74
N-ethyl acetate
Concen: 2.18 ug/l
RT: 12.058 min Scan# 3866
Delta R.T. 0.043 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Tgt Ion: 43 Resp: 90
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#

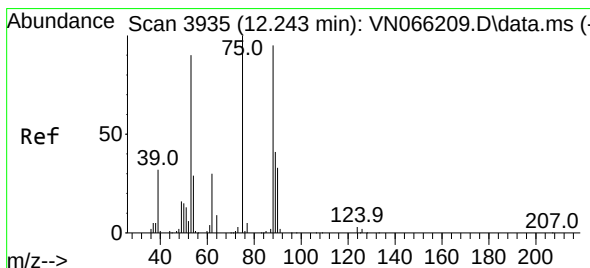
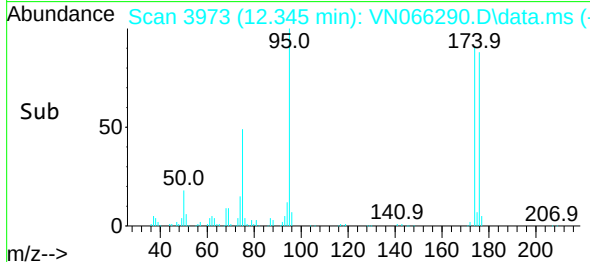
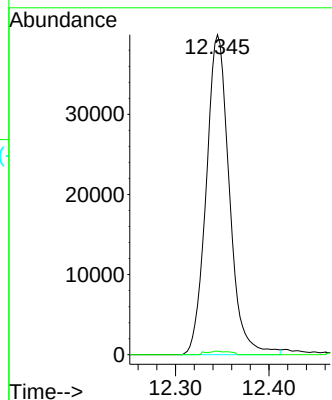
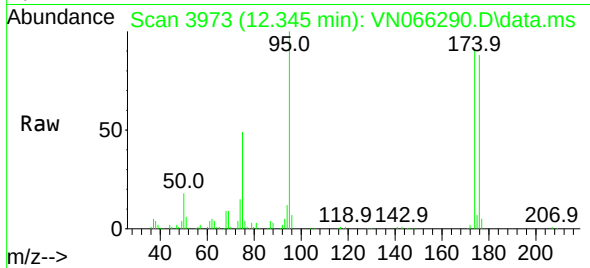




#76
1,2,3-Trichloropropane
Concen: 21.98 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

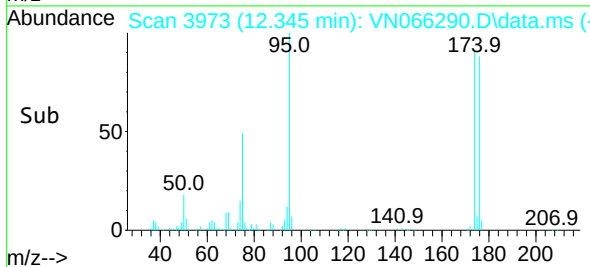
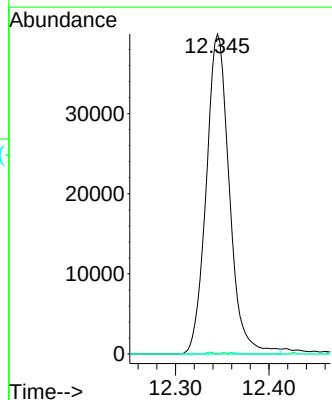
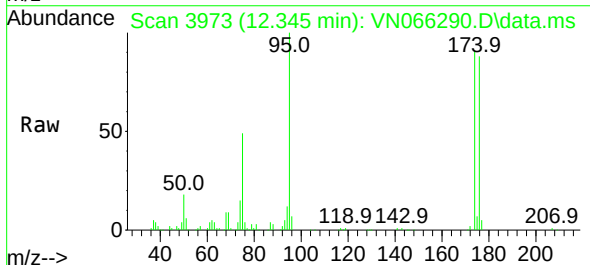
Instrument :
MSVOA_N
ClientSampled :
IBLK

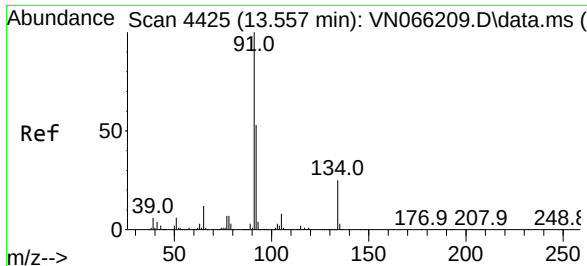
Tgt Ion: 75 Resp: 68553
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.77 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Tgt Ion: 75 Resp: 68553
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.6#
89 0.0 33.7 50.5#

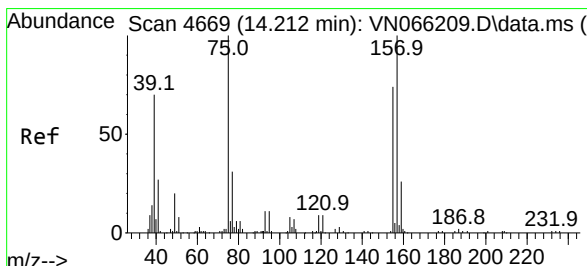
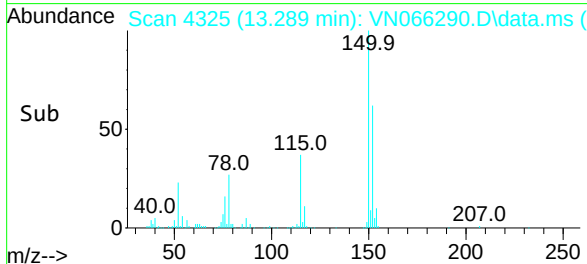
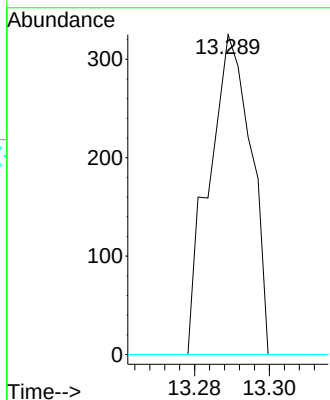
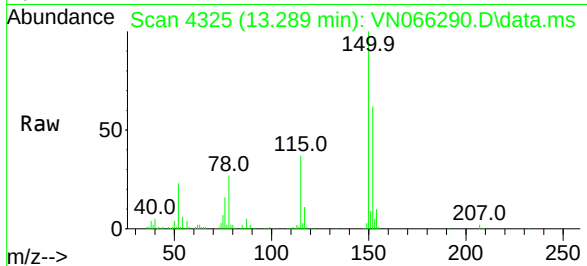




#89
n-Butylbenzene
Concen: 2.27 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. -0.268 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:	91	Resp:	254
Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.7	77.0#
134	0.0	11.8	35.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.14 ug/l
RT: 14.217 min Scan# 4671
Delta R.T. 0.005 min
Lab File: VN066290.D
Acq: 19 Mar 2021 18:58

Tgt Ion:	75	Resp:	202
Ion	Ratio	Lower	Upper
75	100		
155	0.0	36.5	109.7#
157	0.0	46.3	138.8#

