

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
 Data File : VN066443.D
 Acq On : 31 Mar 2021 14:58
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 01 01:37:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	412056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	624374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	540195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	217734	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	289051	52.77	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.54%
35) Dibromofluoromethane	7.509	113	226535	54.73	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.46%
50) Toluene-d8	10.028	98	844087	53.76	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.52%
62) 4-Bromofluorobenzene	12.345	95	242824	44.53	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.06%

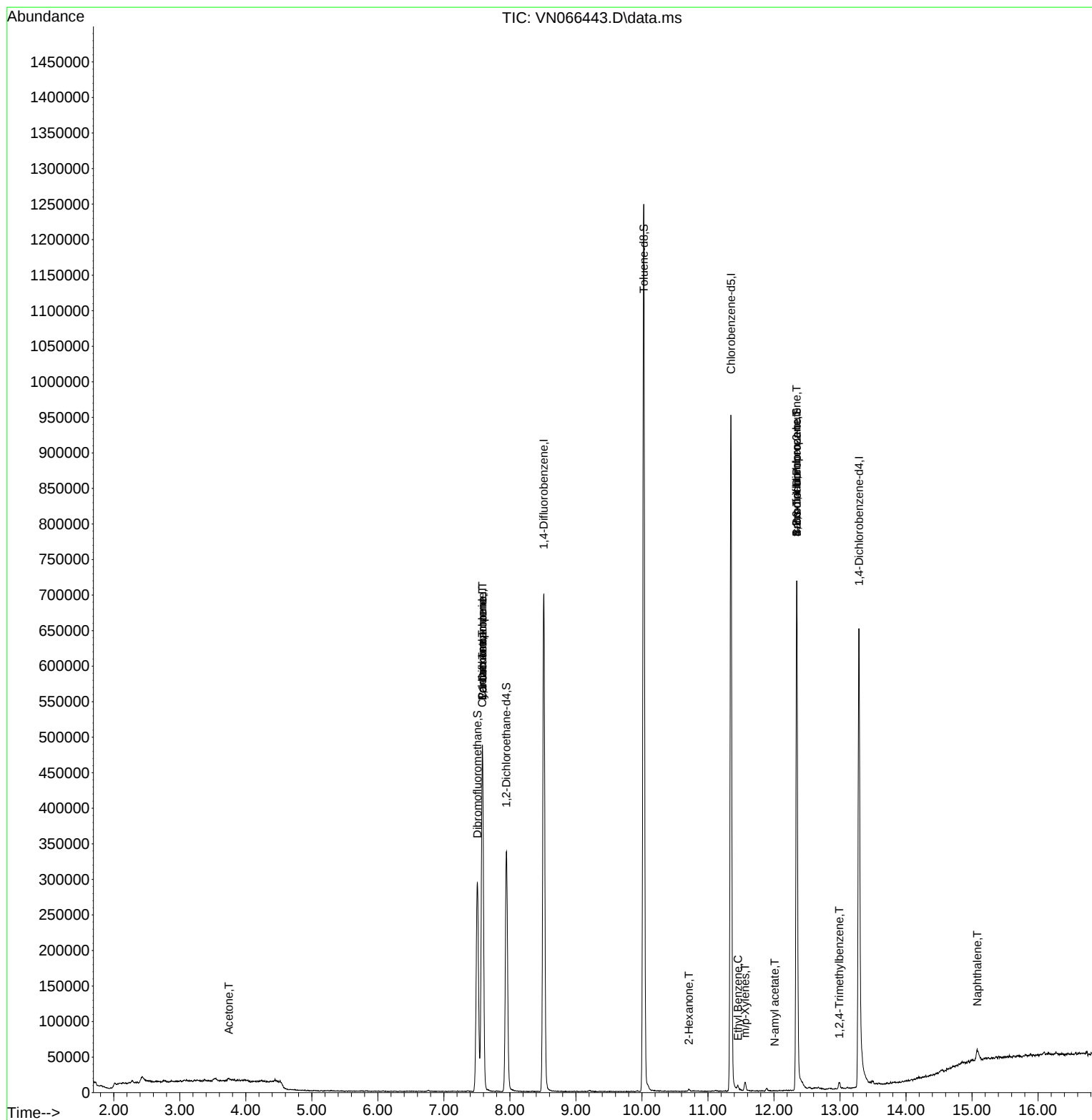
Target Compounds					Qvalue
3) Chloromethane	2.011	50	2458	Below Cal	93
13) Acrolein	3.537	56	4857	Below Cal	# 70
16) Acetone	3.741	43	2517	0.85 ug/l	98
20) Methylene Chloride	4.449	84	1263	Below Cal	# 51
31) Cyclohexane	7.582	56	8465	1.12 ug/l	# 7
36) 1,1-Dichloropropene	7.584	75	30249	5.16 ug/l	# 48
38) Carbon Tetrachloride	7.584	117	36611	6.21 ug/l	# 17
59) 2-Hexanone	10.712	43	1347	0.30 ug/l	# 28
67) Ethyl Benzene	11.455	91	4100	0.21 ug/l	100
68) m/p-Xylenes	11.565	106	3726	0.50 ug/l	93
71) Bromoform	12.345	173	2279	0.66 ug/l	# 1
74) N-amyl acetate	12.012	43	182	3.22 ug/l	# 45
76) 1,2,3-Trichloropropane	12.345	75	123622	25.87 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.345	75	123622	77.81 ug/l	# 12
84) 1,2,4-Trimethylbenzene	12.991	105	6183	0.48 ug/l	99
95) Naphthalene	15.081	128	17210	2.42 ug/l	# 94

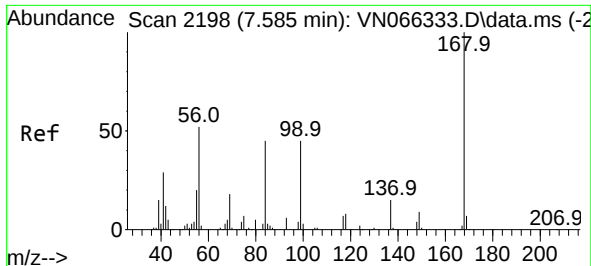
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration

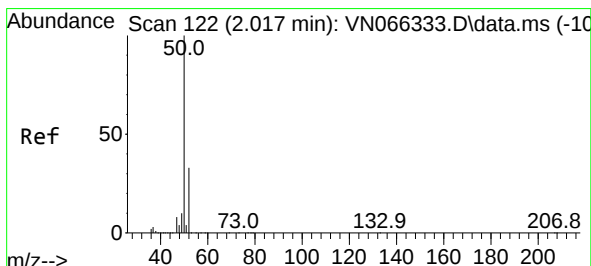
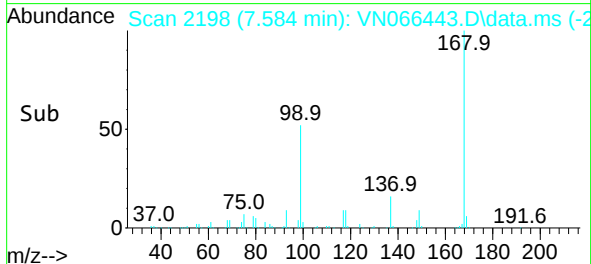
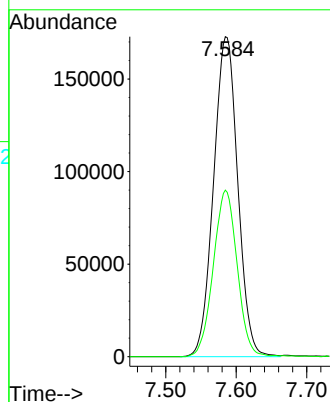
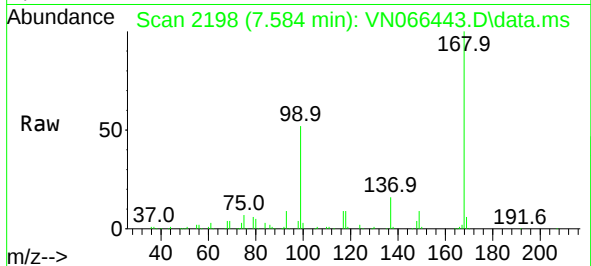




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

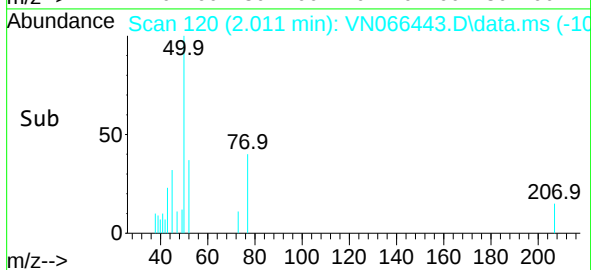
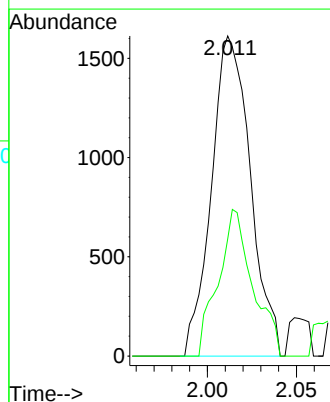
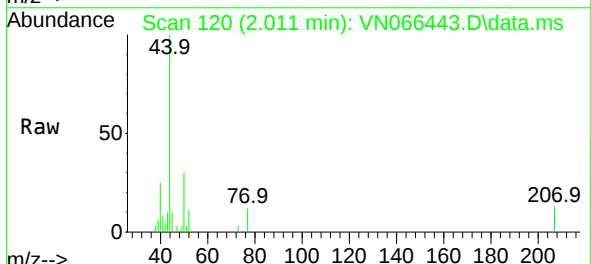
Instrument :
MSVOA_N
ClientSampled :
IBLK

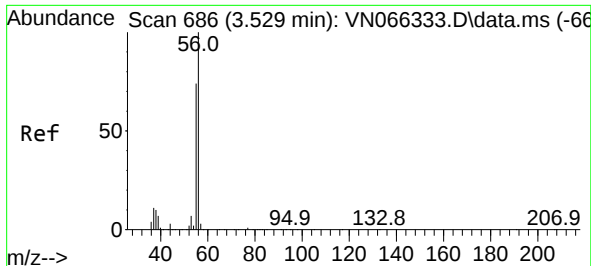
Tgt Ion:168 Resp: 412056
Ion Ratio Lower Upper
168 100
99 52.1 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.011 min Scan# 120
Delta R.T. -0.006 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

Tgt Ion: 50 Resp: 2458
Ion Ratio Lower Upper
50 100
52 36.6 26.2 39.2

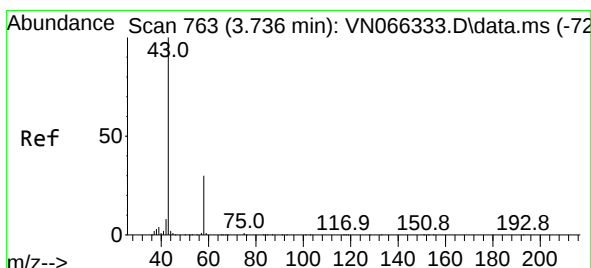
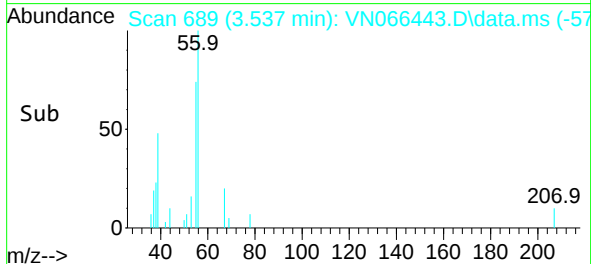
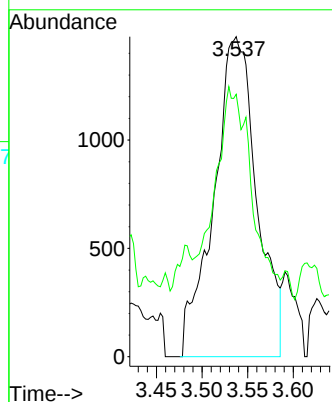
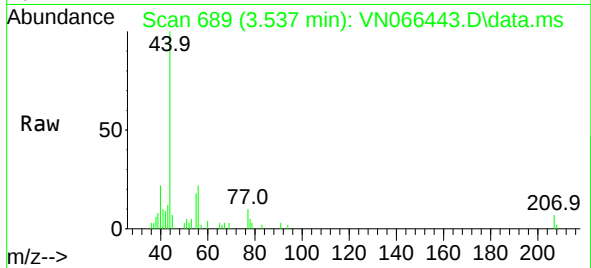




#13
Acrolein
Concen: Below Cal
RT: 3.537 min Scan# 689
Delta R.T. 0.008 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

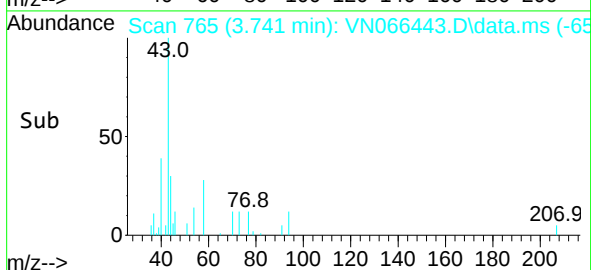
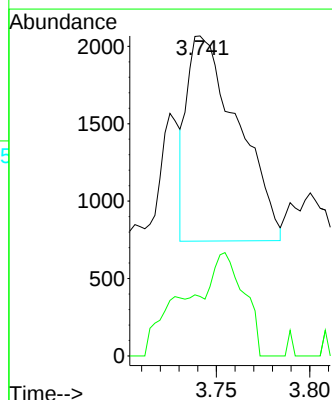
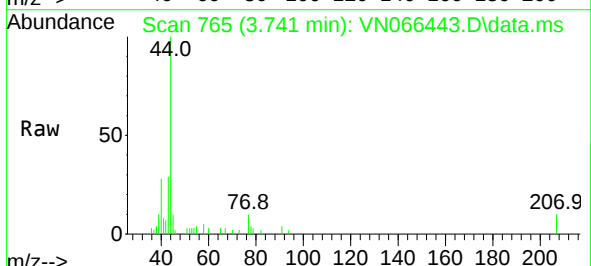
Instrument :
MSVOA_N
ClientSampled :
IBLK

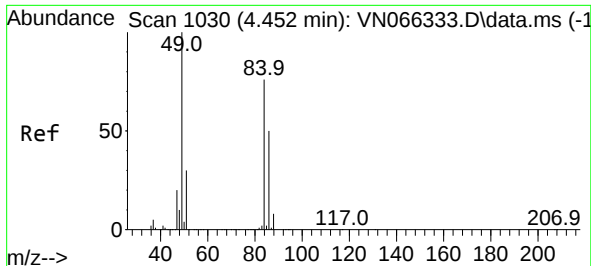
Tgt Ion: 56 Resp: 4857
Ion Ratio Lower Upper
56 100
55 47.6 57.9 86.9#



#16
Acetone
Concen: 0.85 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

Tgt Ion: 43 Resp: 2517
Ion Ratio Lower Upper
43 100
58 31.0 23.8 35.8





#20

Methylene Chloride

Concen: Below Cal

RT: 4.449 min Scan# 1029

Delta R.T. -0.003 min

Lab File: VN066443.D

Acq: 31 Mar 2021 14:58

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 1263

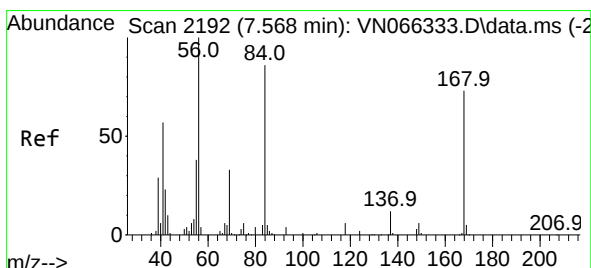
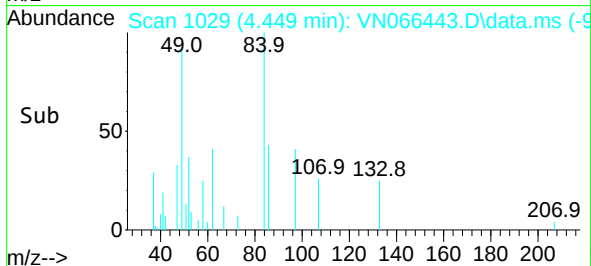
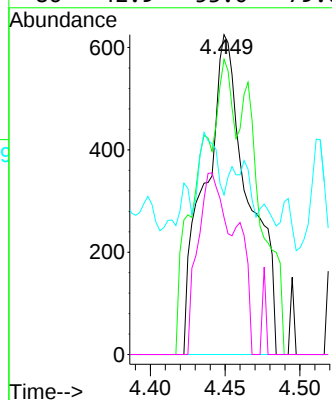
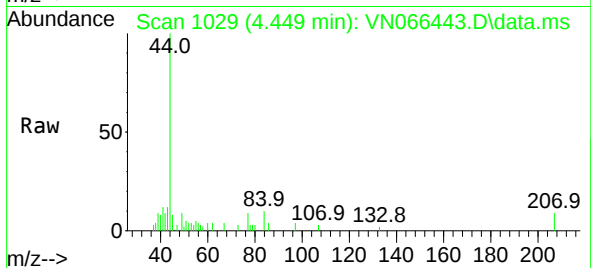
Ion Ratio Lower Upper

84 100

49 63.7 105.0 157.6#

51 8.6 31.6 47.4#

86 42.9 53.0 79.6#



#31

Cyclohexane

Concen: 1.12 ug/l

RT: 7.582 min Scan# 2197

Delta R.T. 0.013 min

Lab File: VN066443.D

Acq: 31 Mar 2021 14:58

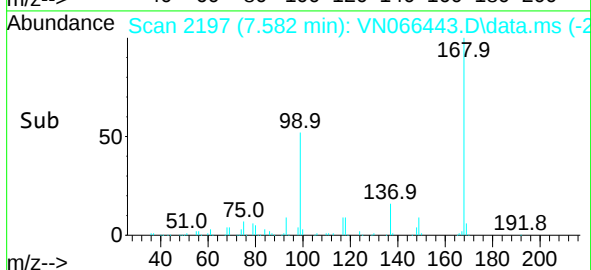
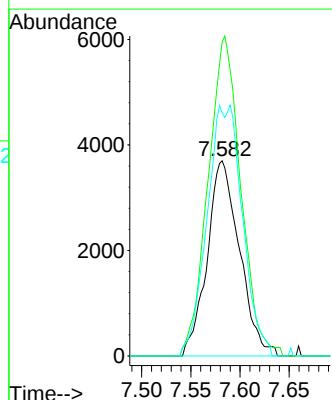
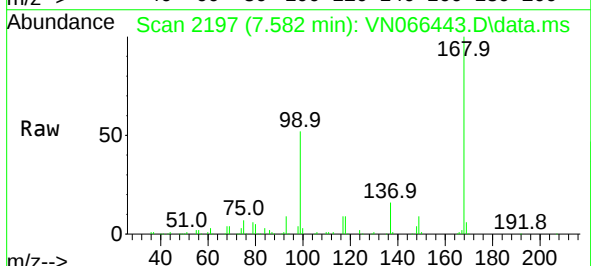
Tgt Ion: 56 Resp: 8465

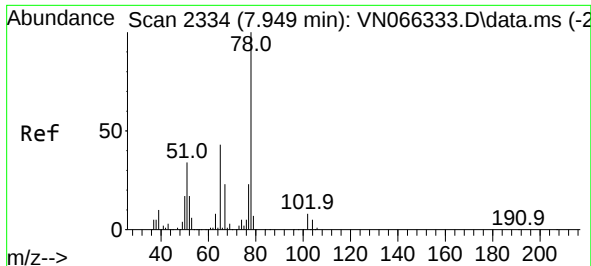
Ion Ratio Lower Upper

56 100

69 160.8 26.6 40.0#

84 124.6 68.7 103.1#

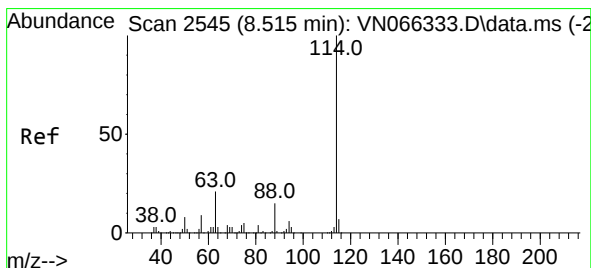
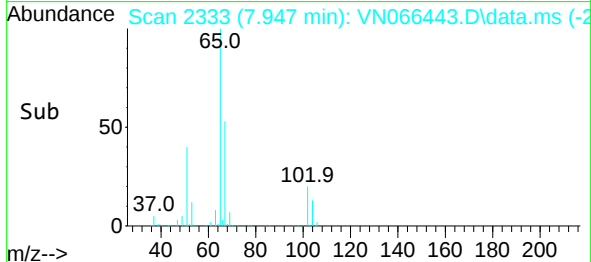
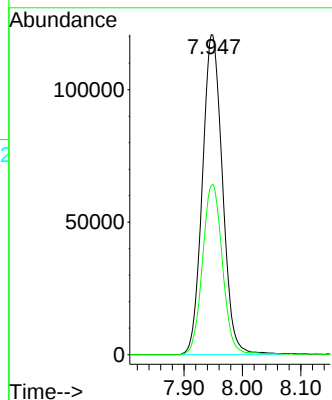
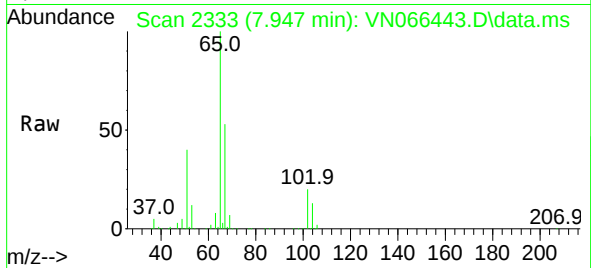




#33
 1,2-Dichloroethane-d4
 Concen: 52.77 ug/l
 RT: 7.947 min Scan# 2333
 Delta R.T. -0.002 min
 Lab File: VN066443.D
 Acq: 31 Mar 2021 14:58

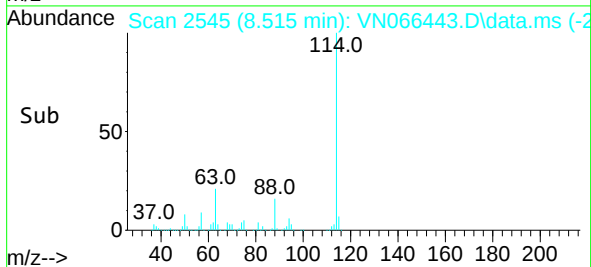
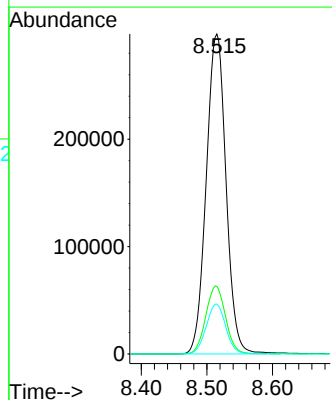
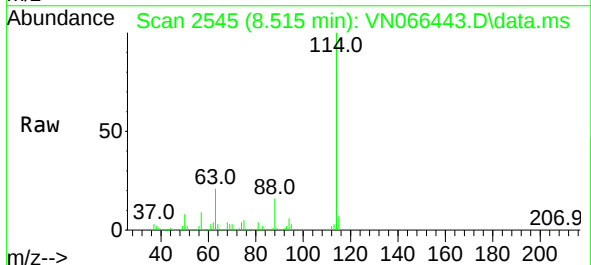
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

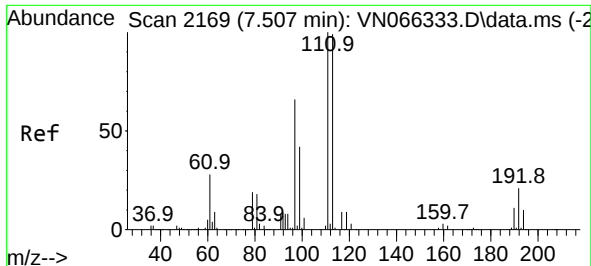
Tgt Ion: 65 Resp: 289051
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.515 min Scan# 2545
 Delta R.T. 0.000 min
 Lab File: VN066443.D
 Acq: 31 Mar 2021 14:58

Tgt Ion: 114 Resp: 624374
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.0
 88 15.6 0.0 31.0

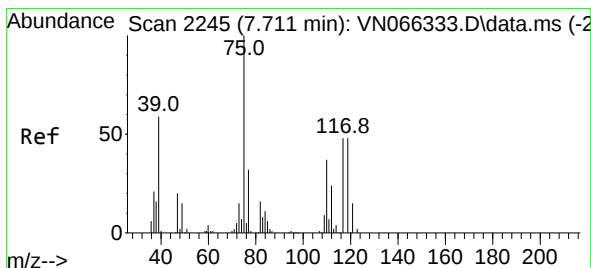
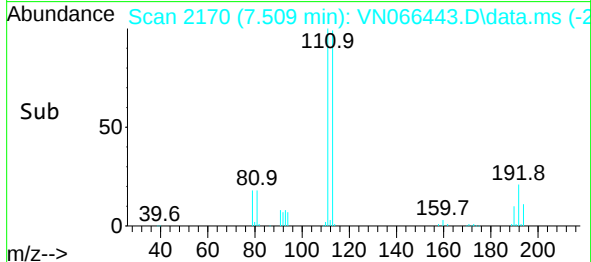
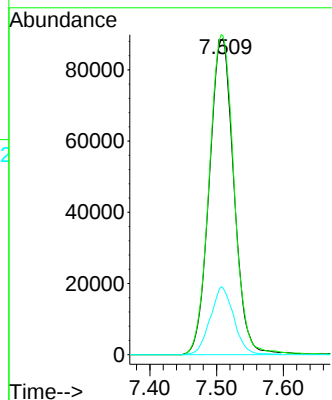
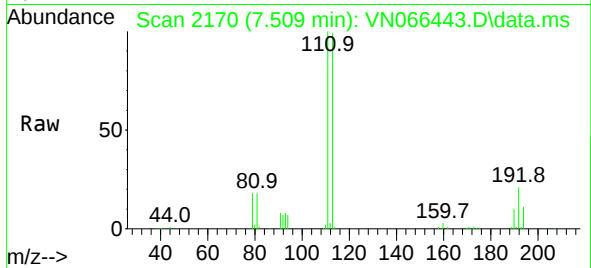




#35
Dibromofluoromethane
Concen: 54.73 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.002 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

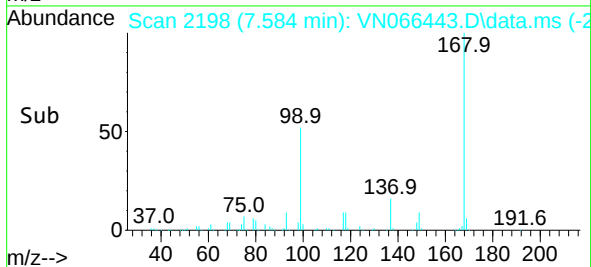
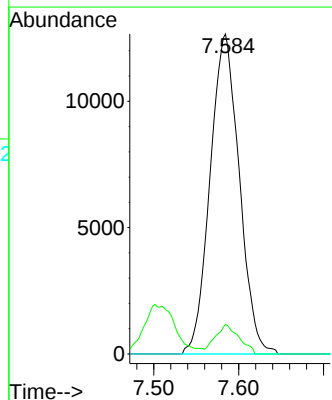
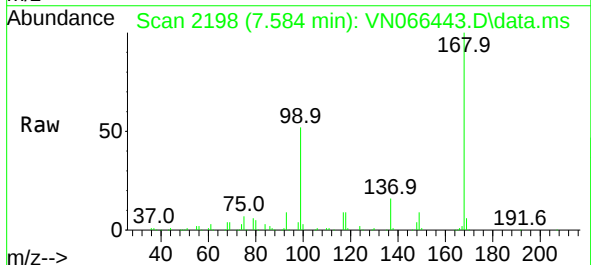
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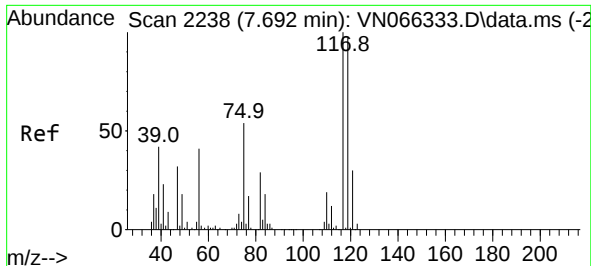
Tgt Ion:113 Resp: 226535
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 20.5 17.1 25.7



#36
1,1-Dichloropropene
Concen: 5.16 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.126 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

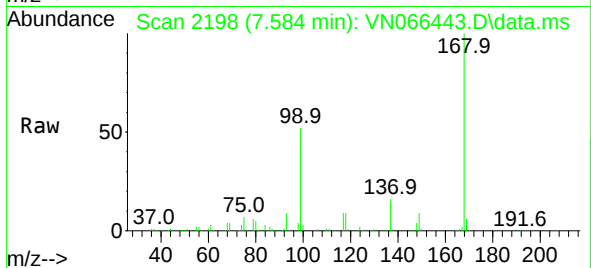
Tgt Ion: 75 Resp: 30249
Ion Ratio Lower Upper
75 100
110 7.4 18.1 54.3#
77 0.0 25.0 37.4#



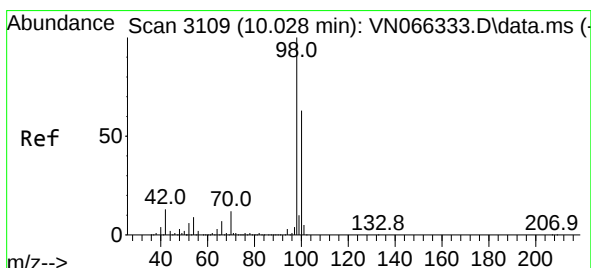
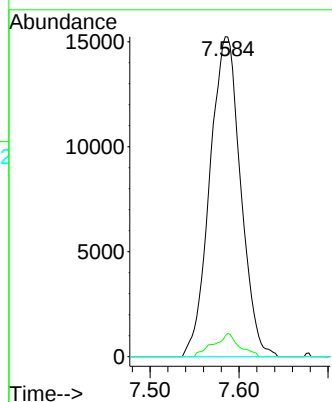
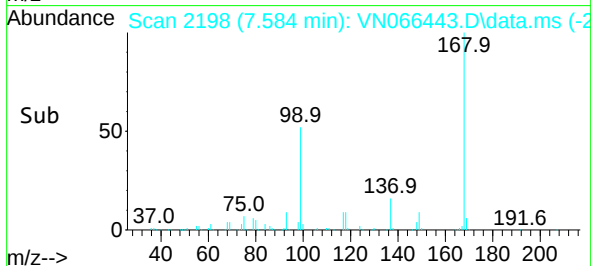


#38
Carbon Tetrachloride
Concen: 6.21 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.107 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

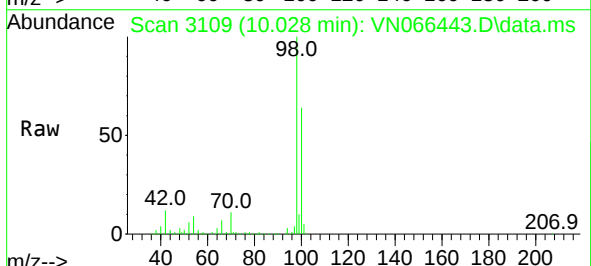
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MSVOA_N
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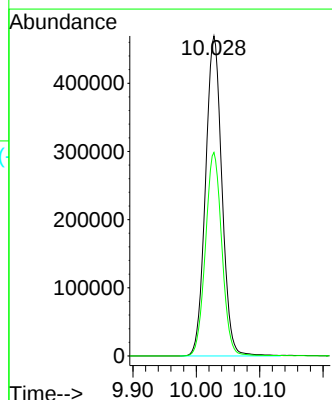
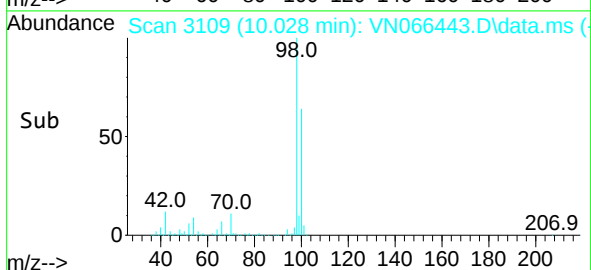
Tgt Ion:117 Resp: 36611
Ion Ratio Lower Upper
117 100
119 6.5 77.2 115.8#
121 0.0 24.2 36.4#

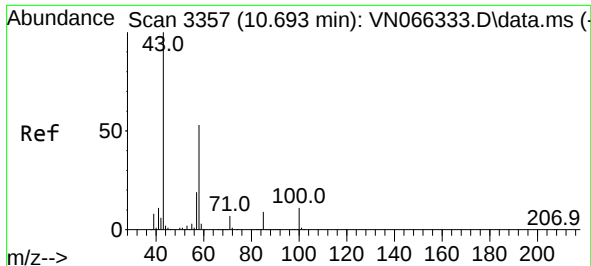


#50
Toluene-d8
Concen: 53.76 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58



Tgt Ion: 98 Resp: 844087
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7

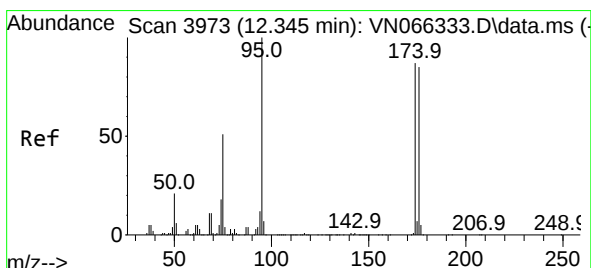
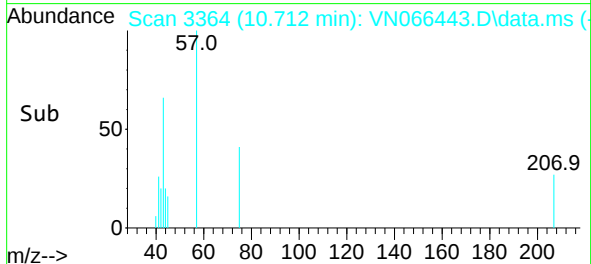
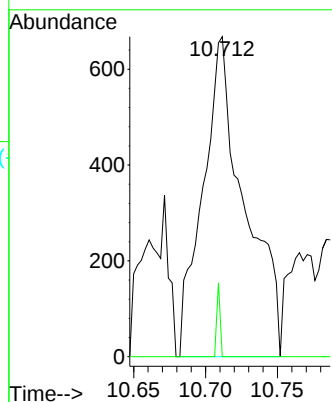
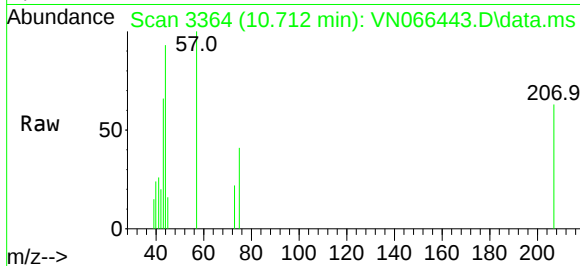




#59
2-Hexanone
Concen: 0.30 ug/l
RT: 10.712 min Scan# 3364
Delta R.T. 0.019 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

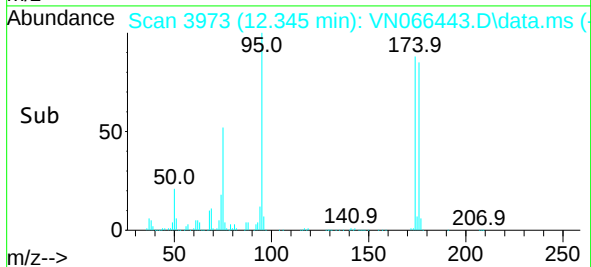
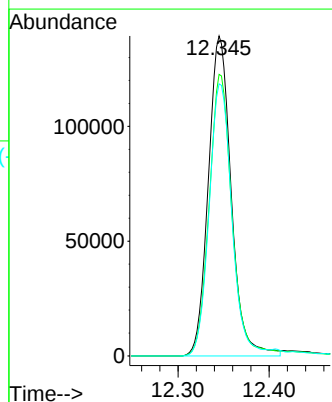
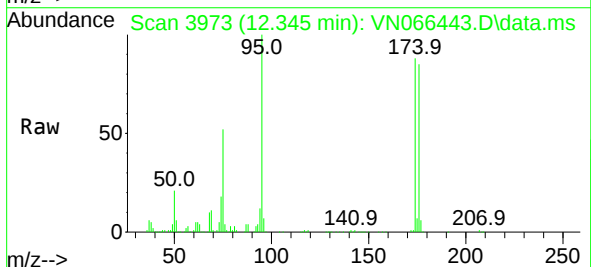
Instrument :
MSVOA_N
ClientSampled :
IBLK

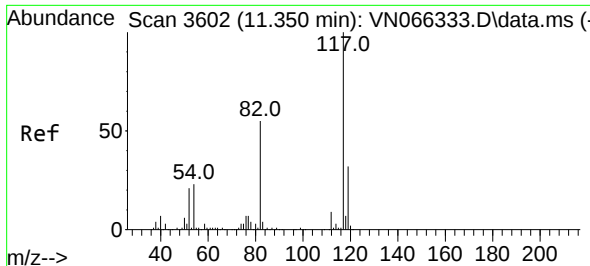
Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 1.9 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 44.53 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

Tgt Ion: 95 Resp: 242824
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.2
176 84.6 0.0 167.8

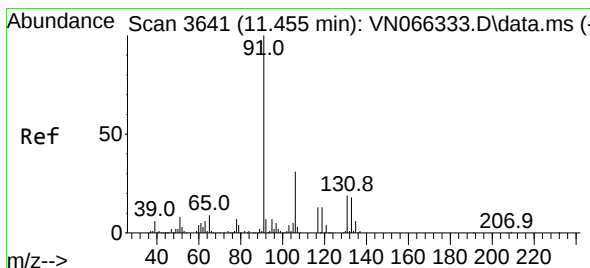
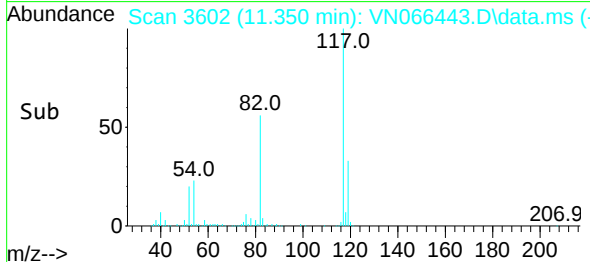
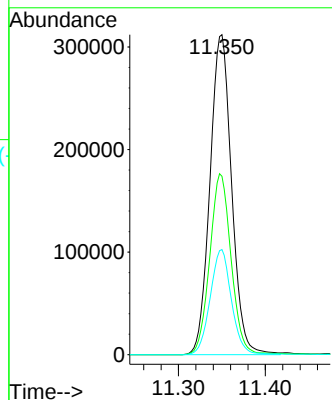
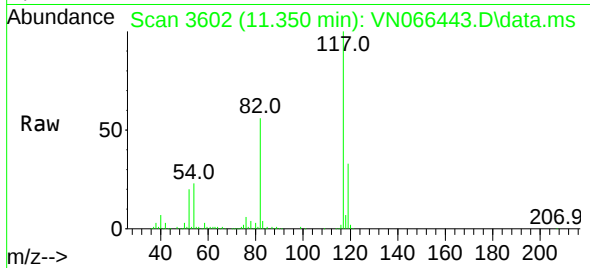




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

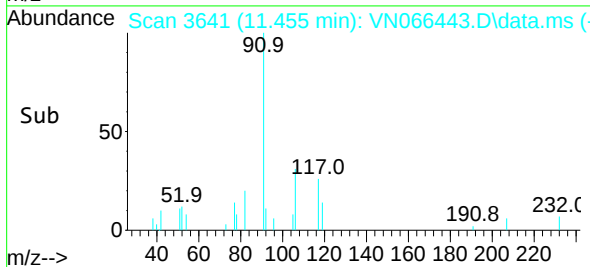
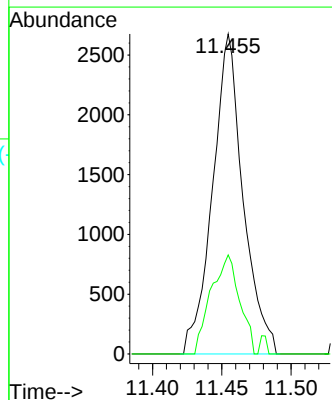
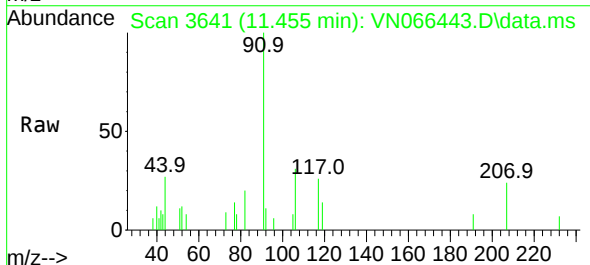
Instrument :
MSVOA_N
ClientSampleId :
IBLK

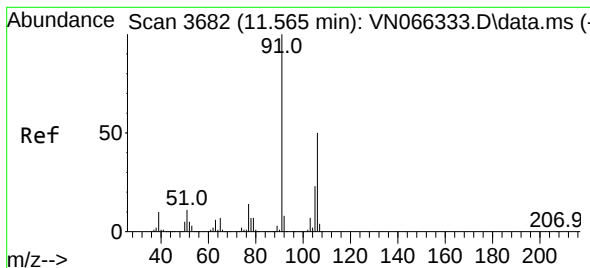
Tgt Ion:117 Resp: 540195
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 32.9 25.8 38.6



#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

Tgt Ion: 91 Resp: 4100
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

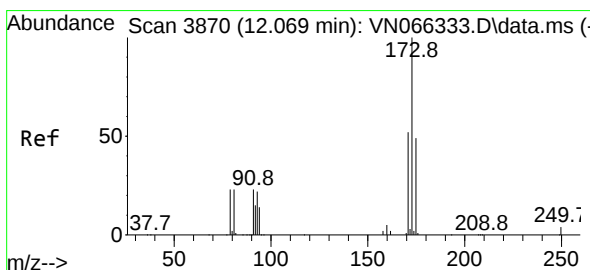
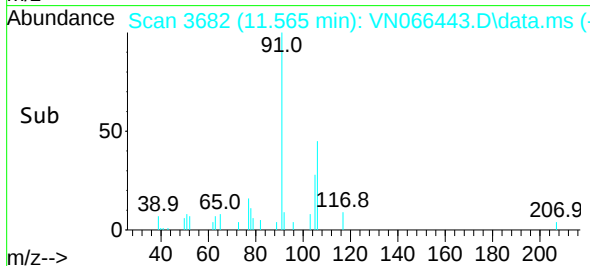
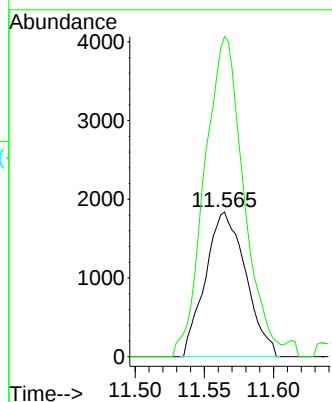
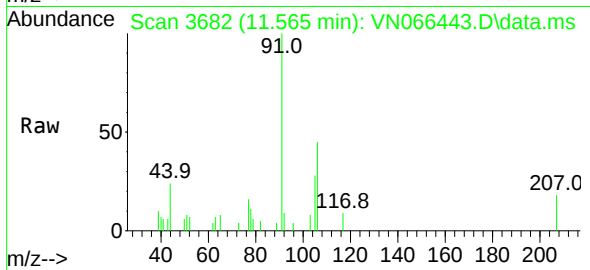




#68
m/p-Xylenes
Concen: 0.50 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. -0.000 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

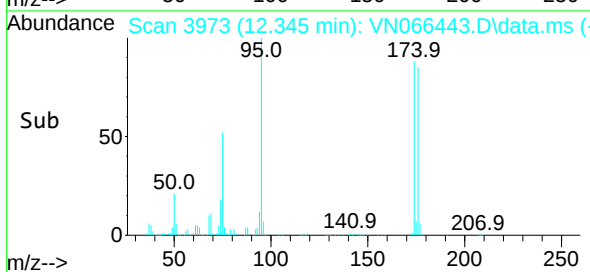
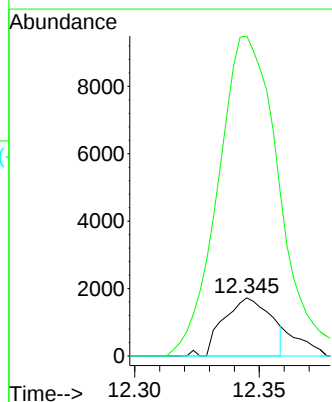
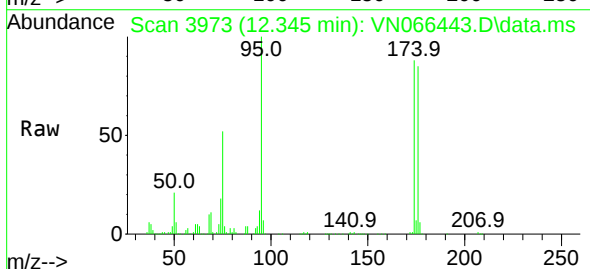
Instrument :
MSVOA_N
ClientSampled :
IBLK

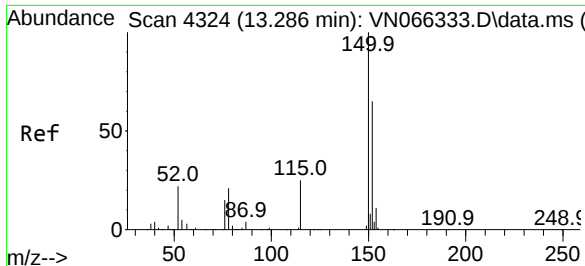
Tgt Ion:106 Resp: 3726
Ion Ratio Lower Upper
106 100
91 214.7 162.7 244.1



#71
Bromoform
Concen: 0.66 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.276 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

Tgt Ion:173 Resp: 2279
Ion Ratio Lower Upper
173 100
175 625.1 24.3 72.8#
254 0.0 0.0 0.0

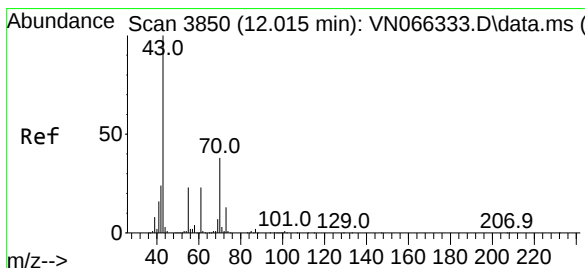
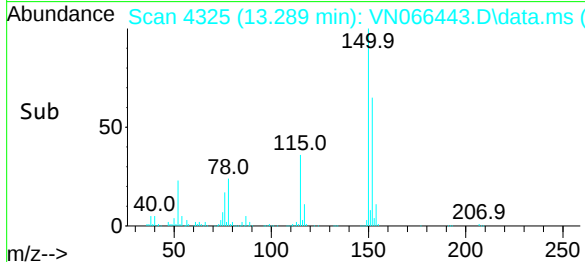
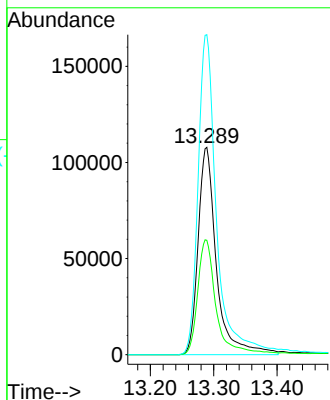
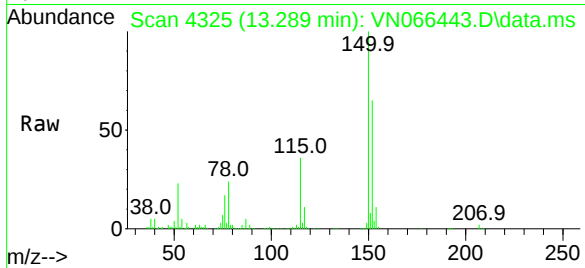




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

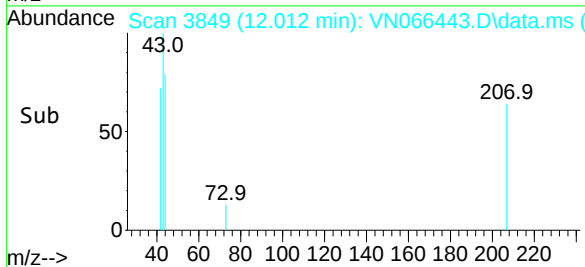
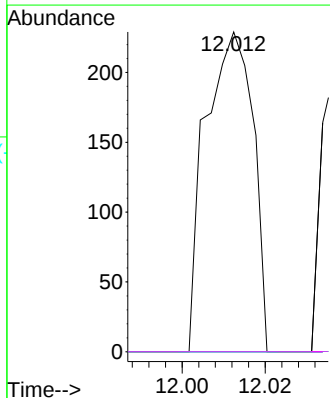
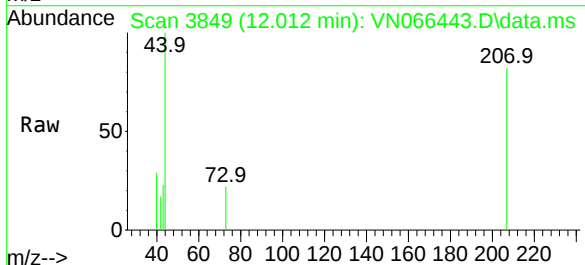
Instrument :
MSVOA_N
ClientSampleId :
IBLK

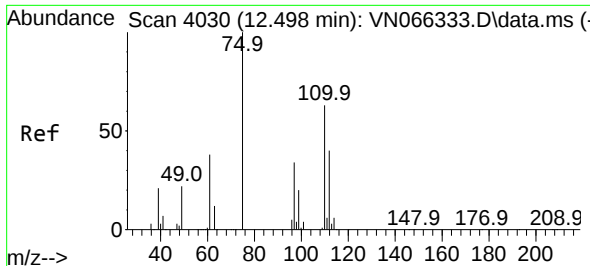
Tgt Ion:152 Resp: 217734
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 157.1 0.0 348.4



#74
N-ethyl acetate
Concen: 3.22 ug/l
RT: 12.012 min Scan# 3849
Delta R.T. -0.003 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

Tgt Ion: 43 Resp: 182
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#

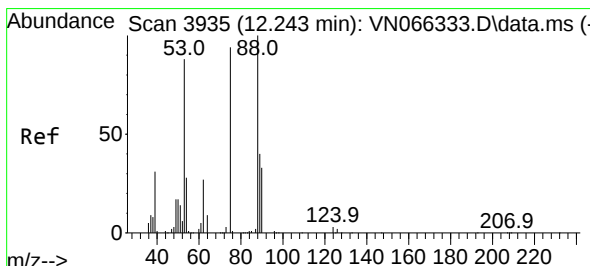
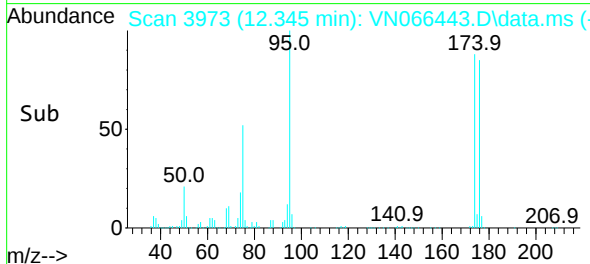
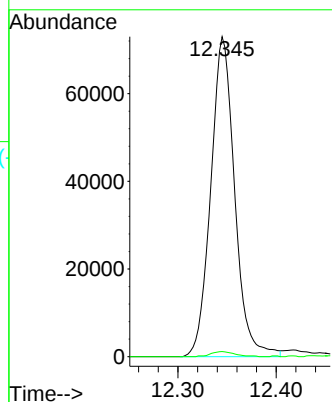
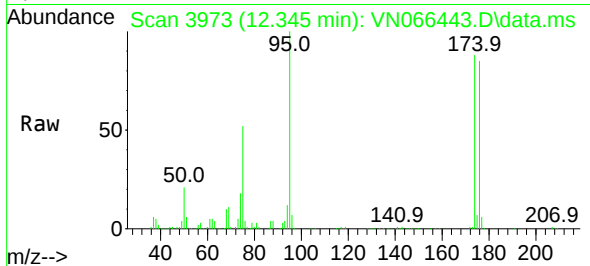




#76
1,2,3-Trichloropropane
Concen: 25.87 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

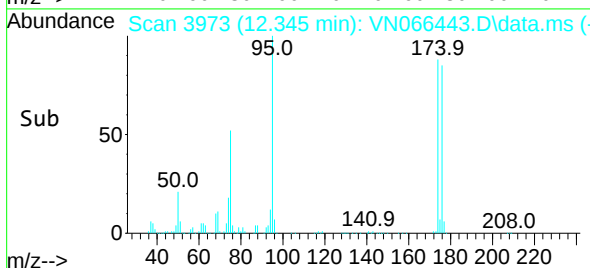
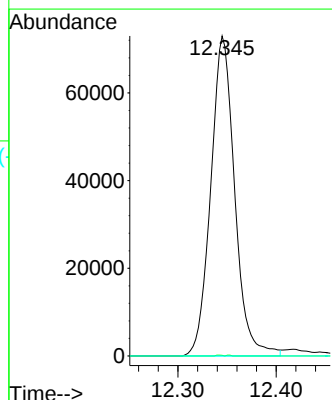
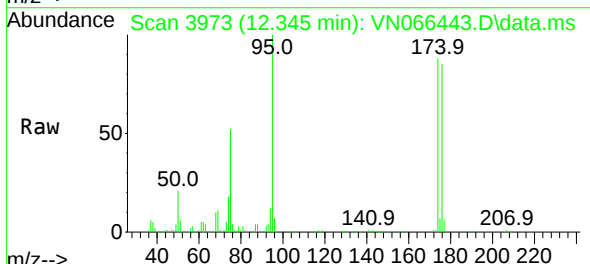
Instrument :
MSVOA_N
ClientSampleId :
IBLK

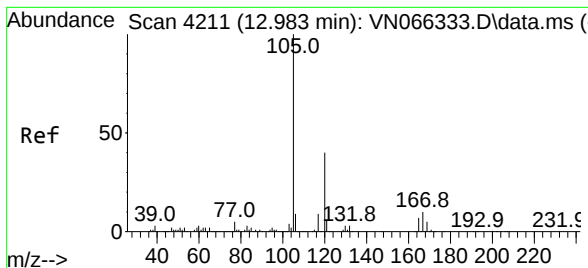
Tgt Ion: 75 Resp: 123622
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.81 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066443.D
Acq: 31 Mar 2021 14:58

Tgt Ion: 75 Resp: 123622
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.48 ug/l

RT: 12.991 min Scan# 4214

Delta R.T. 0.008 min

Lab File: VN066443.D

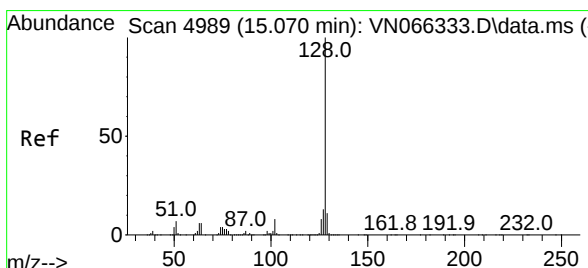
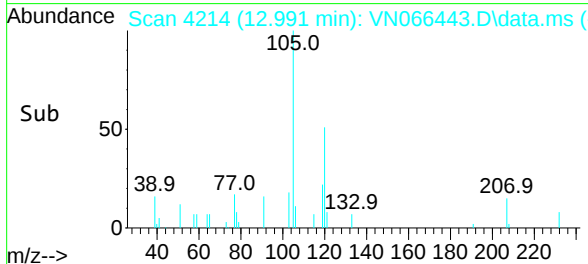
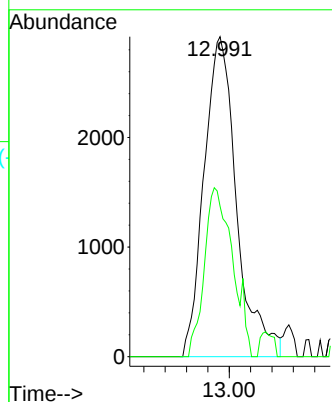
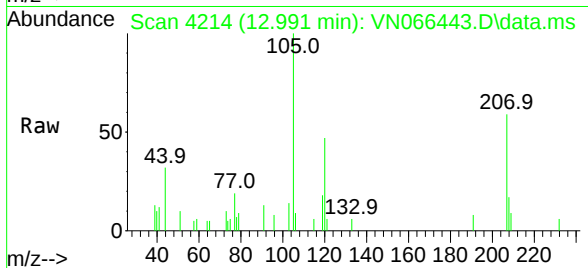
Acq: 31 Mar 2021 14:58

Tgt Ion:105 Resp: 6183

Ion Ratio Lower Upper

105 100

120 45.6 23.1 69.2



#95

Naphthalene

Concen: 2.42 ug/l

RT: 15.081 min Scan# 4993

Delta R.T. 0.011 min

Lab File: VN066443.D

Acq: 31 Mar 2021 14:58

Tgt Ion:128 Resp: 17210

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 5.8 8.5 12.7#

