

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065104.D
 Acq On : 14 Dec 2020 16:42
 Operator : JC/MD
 Sample : L5050-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Dec 15 05:50:19 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	267456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	455134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	479428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	196924	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	178052	57.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.82%
35) Dibromofluoromethane	7.550	113	161224	50.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.92%
50) Toluene-d8	10.058	98	565975	50.59	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.18%
62) 4-Bromofluorobenzene	12.376	95	206077	53.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.98%

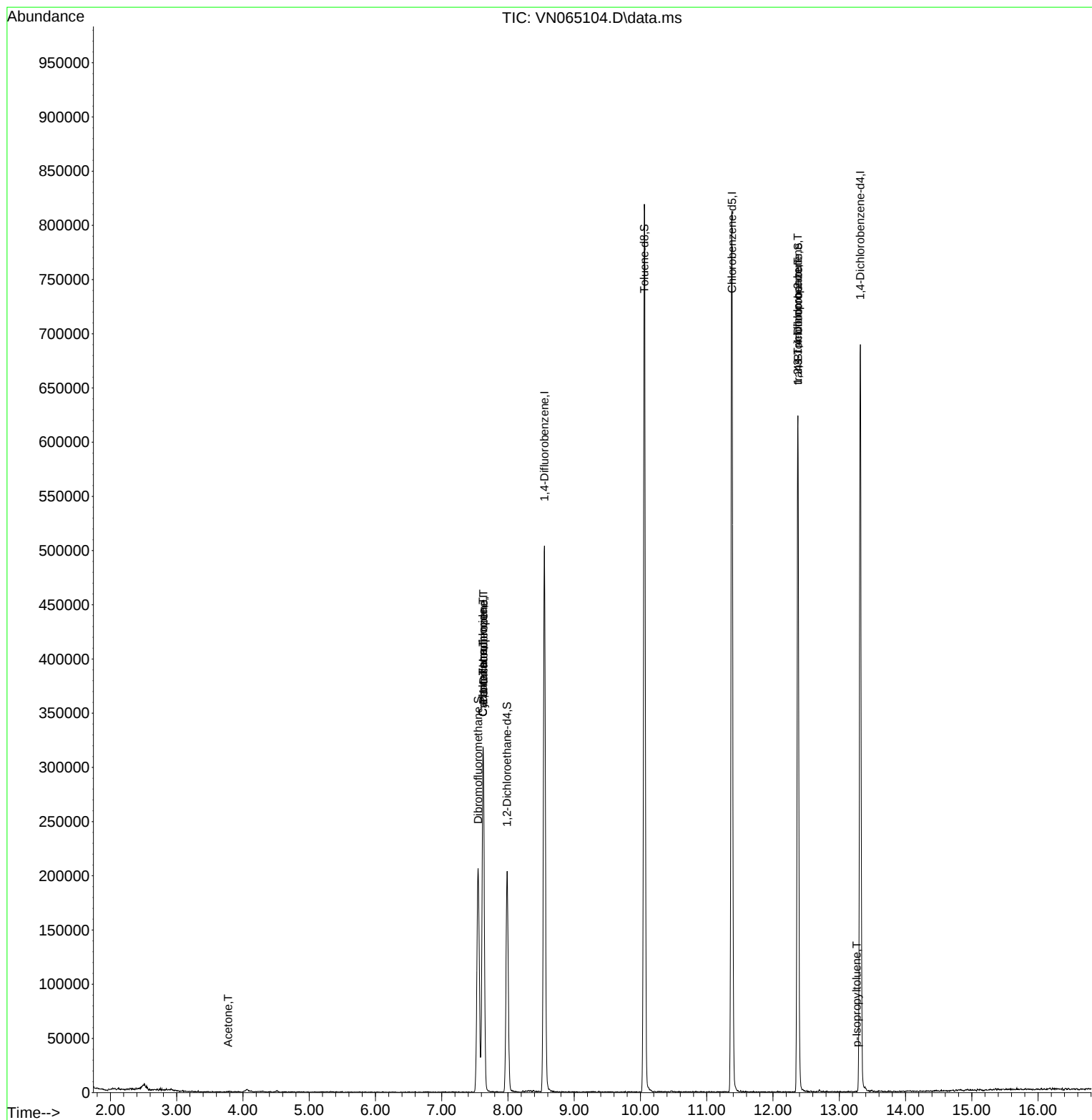
Target Compounds						Qvalue
3) Chloromethane	2.030	50	454	Below Cal	#	10
5) Bromomethane	2.541	94	332	Below Cal	#	3
16) Acetone	3.775	43	303	0.26	ug/l #	43
20) Methylene Chloride	4.518	84	617	Below Cal	#	38
31) Cyclohexane	7.621	56	3355	0.80	ug/l #	26
36) 1,1-Dichloropropene	7.627	75	17738	4.08	ug/l #	42
38) Carbon Tetrachloride	7.621	117	26068	5.20	ug/l #	16
76) 1,2,3-Trichloropropane	12.373	75	105024	29.72	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	105024	82.70	ug/l #	15
86) p-Isopropyltoluene	13.264	119	70	1.07	ug/l #	51

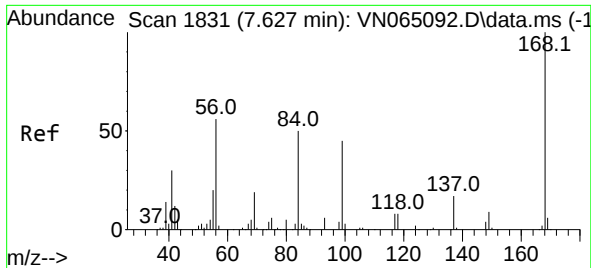
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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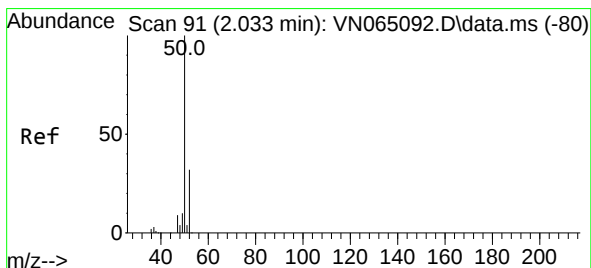
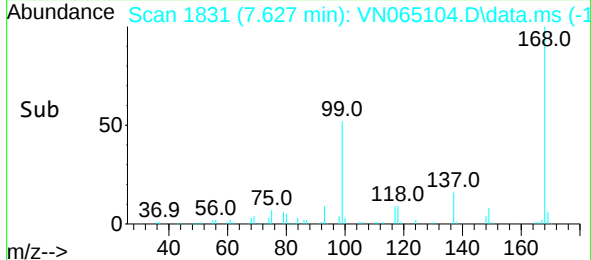
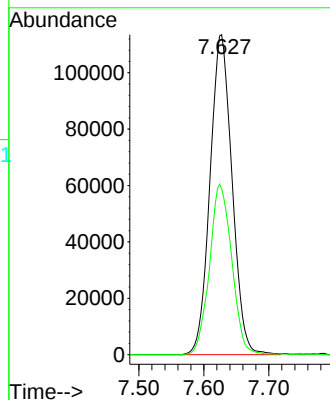
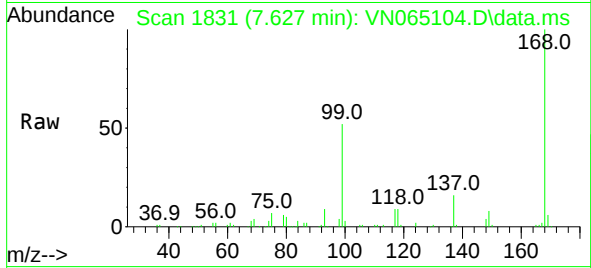




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

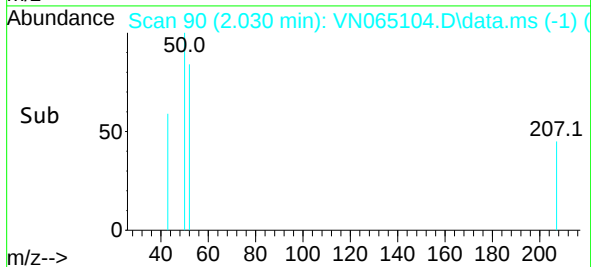
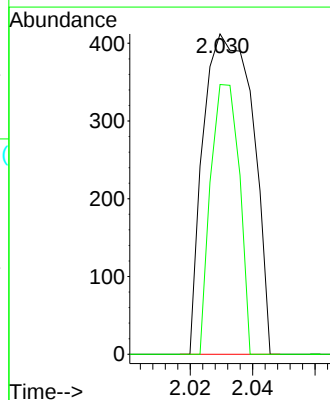
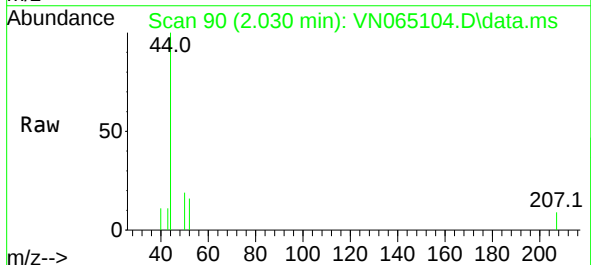
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

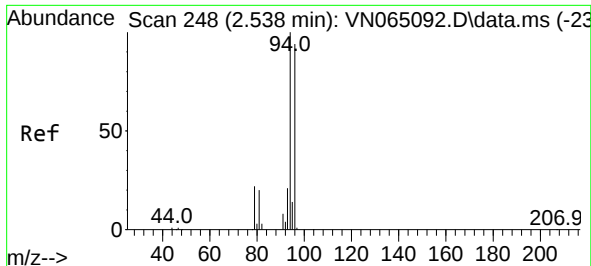
Tgt Ion:168 Resp: 267456
Ion Ratio Lower Upper
168 100
99 52.0 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.030 min Scan# 90
Delta R.T. -0.003 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

Tgt Ion: 50 Resp: 454
Ion Ratio Lower Upper
50 100
52 84.2 26.6 39.8#

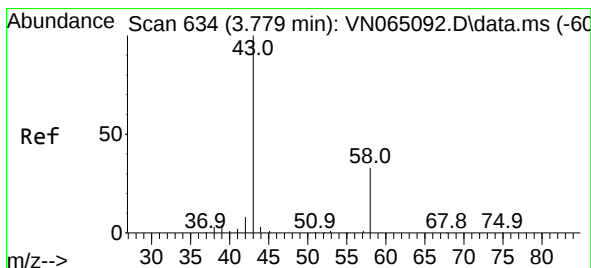
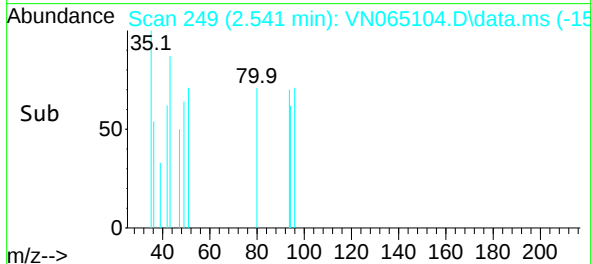
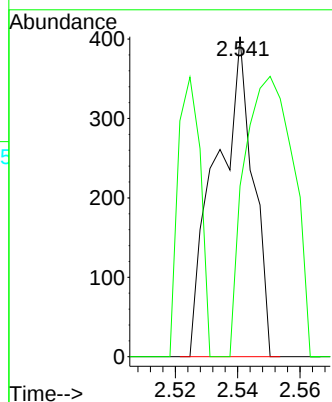
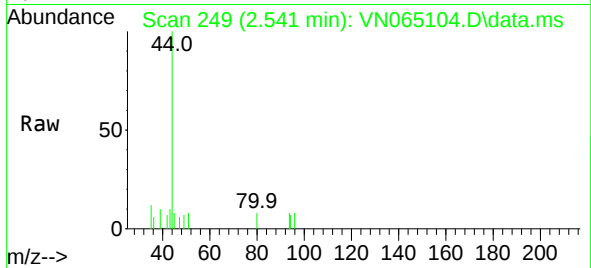




#5
Bromomethane
Concen: Below Cal
RT: 2.541 min Scan# 249
Delta R.T. 0.003 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

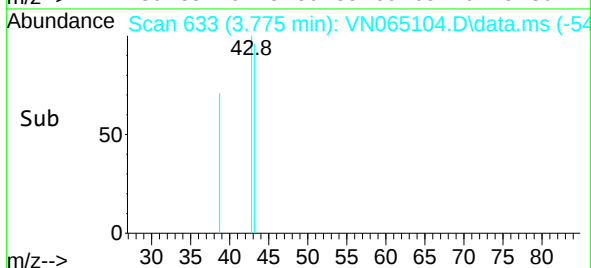
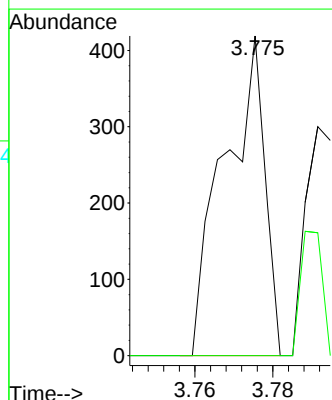
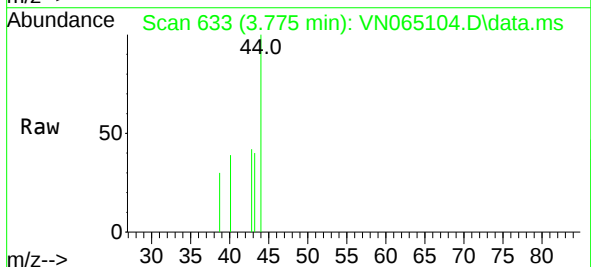
Instrument :
MSVOA_N
ClientSampleId :
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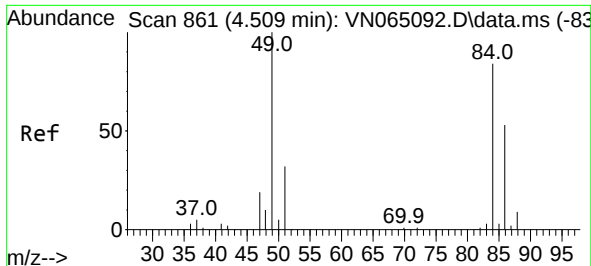
Tgt Ion: 94 Resp: 332
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#



#16
Acetone
Concen: 0.26 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.004 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

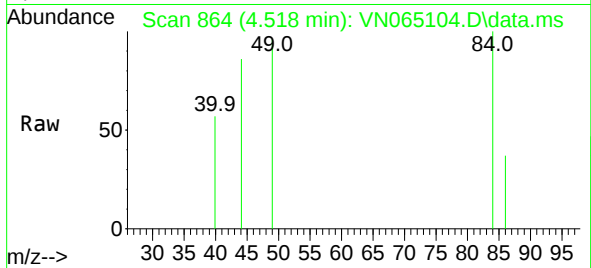
Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



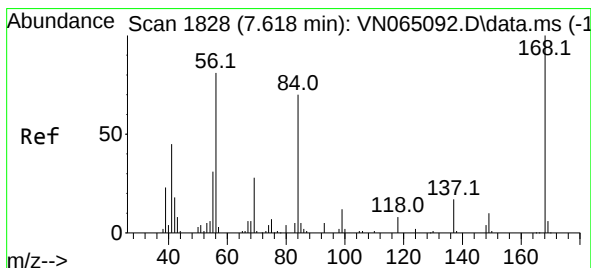
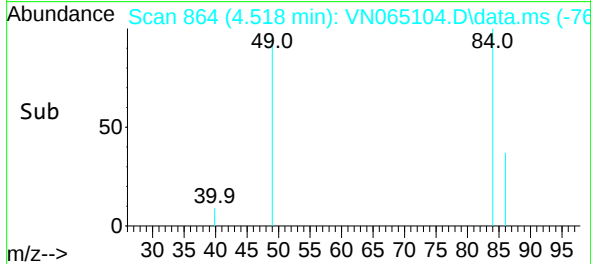
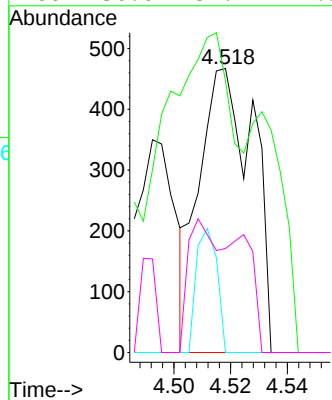


#20
Methylene Chloride
Concen: Below Cal
RT: 4.518 min Scan# 864
Delta R.T. 0.009 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

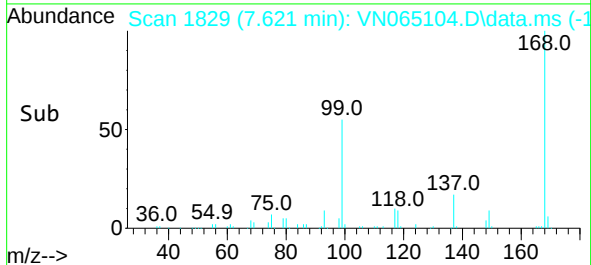
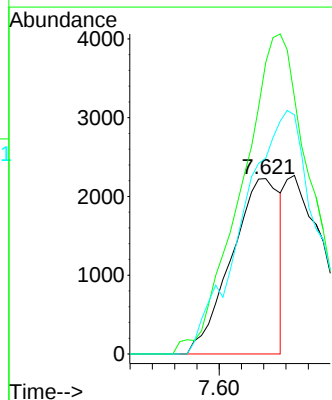
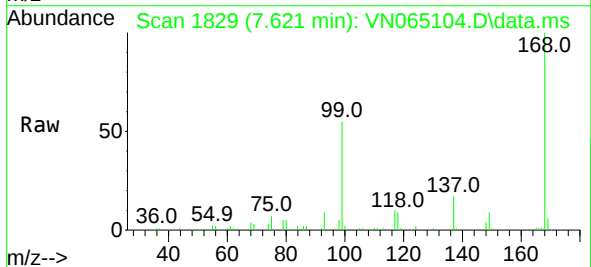


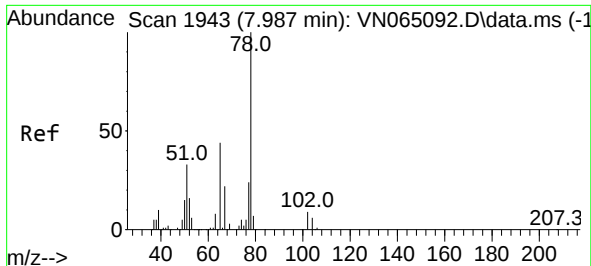
Tgt Ion: 84 Resp: 617
Ion Ratio Lower Upper
84 100
49 31.9 93.4 140.0#
51 0.0 28.2 42.4#
86 36.6 51.7 77.5#



#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.003 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

Tgt Ion: 56 Resp: 3355
Ion Ratio Lower Upper
56 100
69 159.4 27.5 41.3#
84 111.7 73.9 110.9#

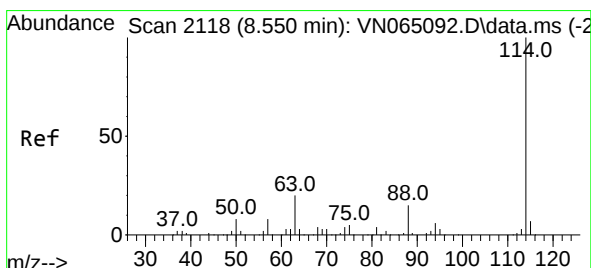
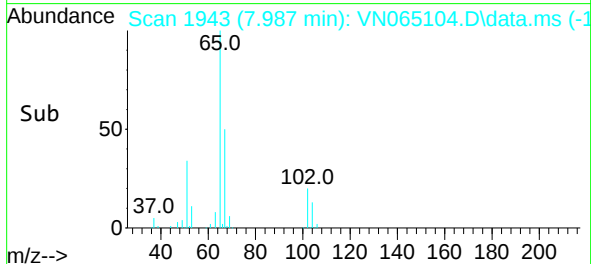
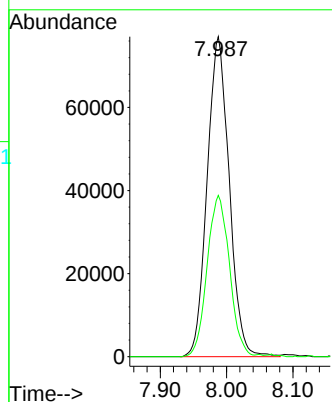
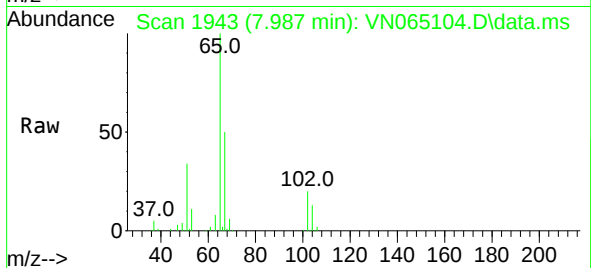




#33
 1,2-Dichloroethane-d4
 Concen: 57.91 ug/l
 RT: 7.987 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN065104.D
 Acq: 14 Dec 2020 16:42

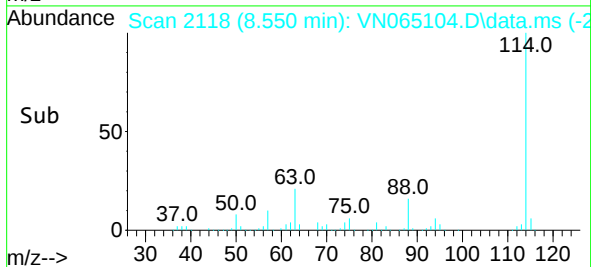
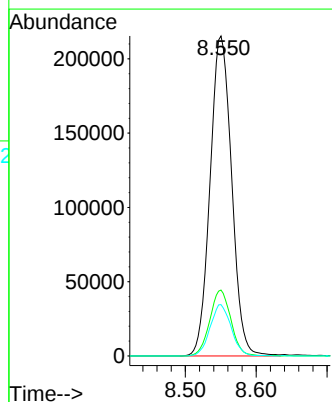
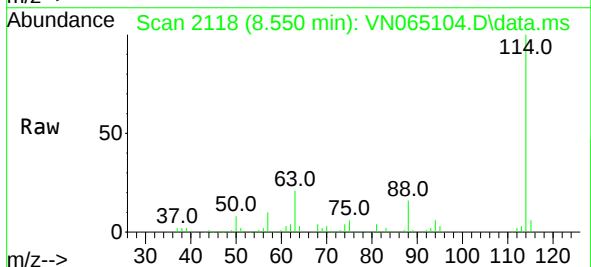
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 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

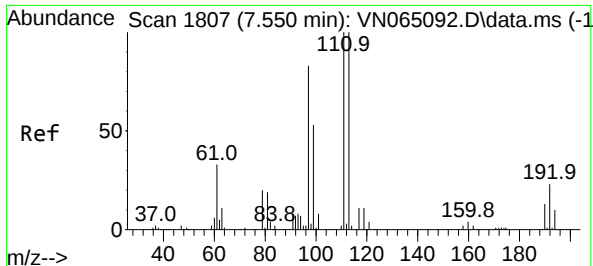
Tgt Ion: 65 Resp: 178052
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VN065104.D
 Acq: 14 Dec 2020 16:42

Tgt Ion: 114 Resp: 455134
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.6
 88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.96 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN065104.D

Acq: 14 Dec 2020 16:42

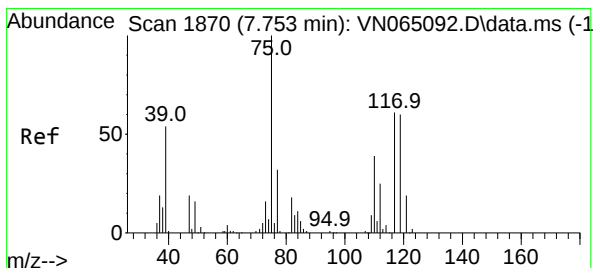
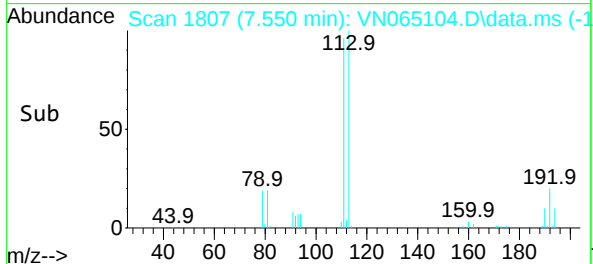
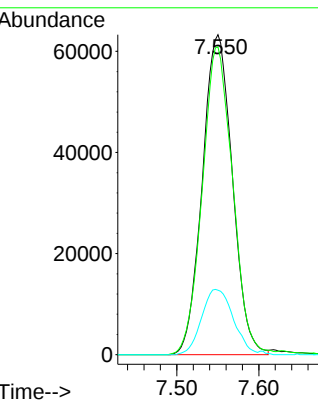
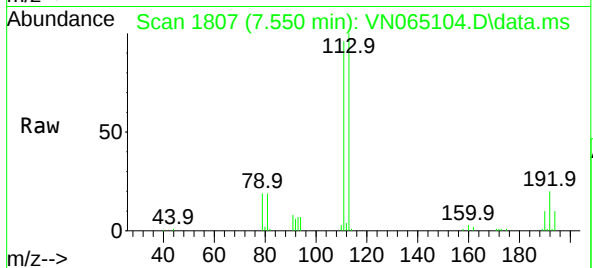
Tgt Ion:113 Resp: 161224

Ion Ratio Lower Upper

113 100

111 97.1 81.6 122.4

192 21.5 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.08 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. -0.126 min

Lab File: VN065104.D

Acq: 14 Dec 2020 16:42

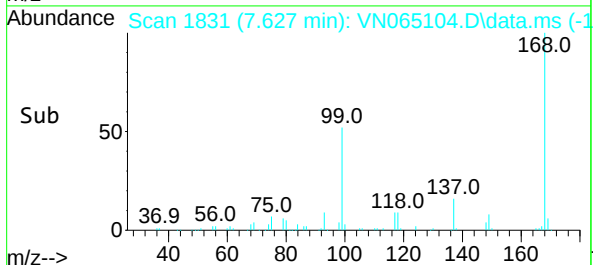
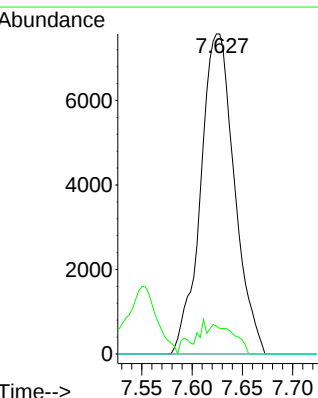
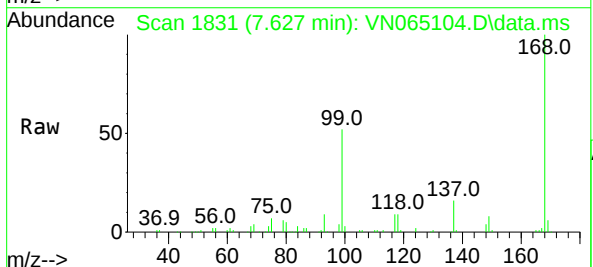
Tgt Ion: 75 Resp: 17738

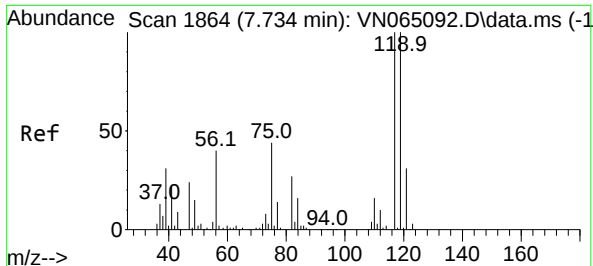
Ion Ratio Lower Upper

75 100

110 1.4 17.8 53.3#

77 0.0 25.0 37.4#

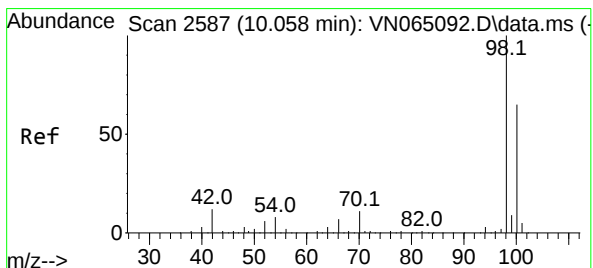
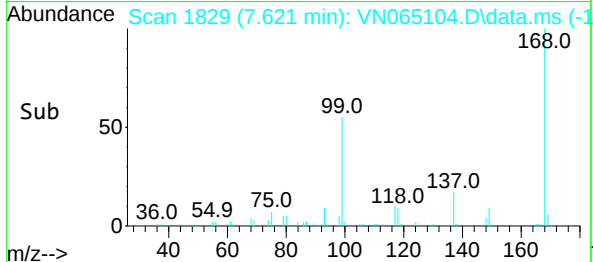
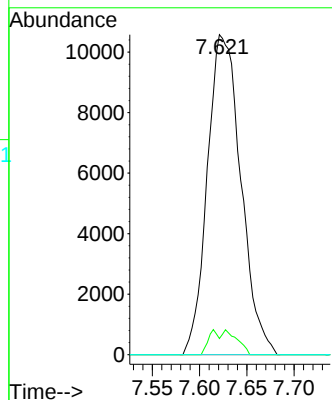
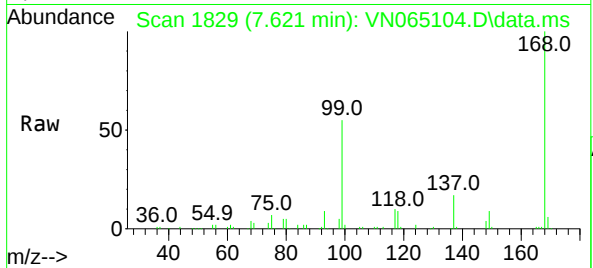




#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.113 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

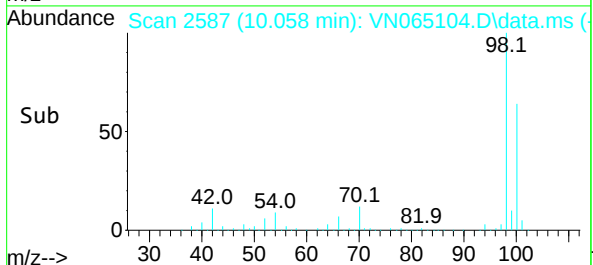
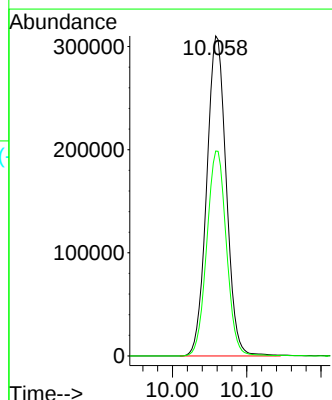
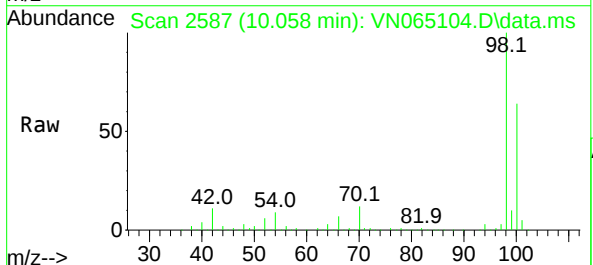
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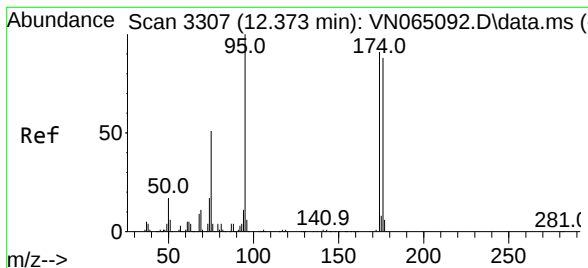
Tgt Ion:117 Resp: 26068
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 50.59 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

Tgt Ion: 98 Resp: 565975
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

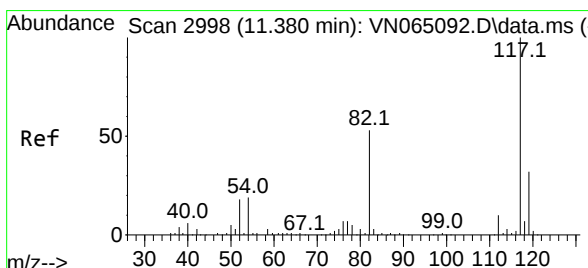
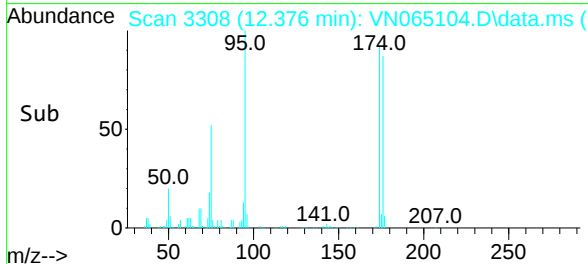
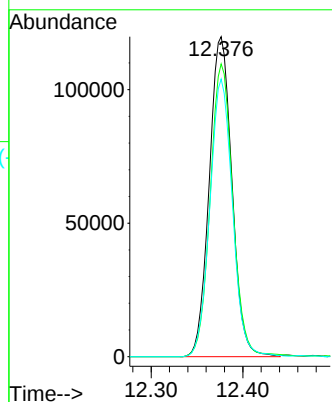
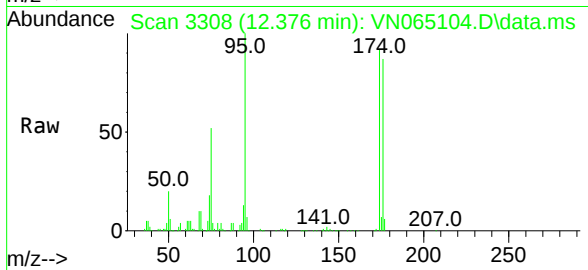




#62
4-Bromofluorobenzene
Concen: 53.49 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

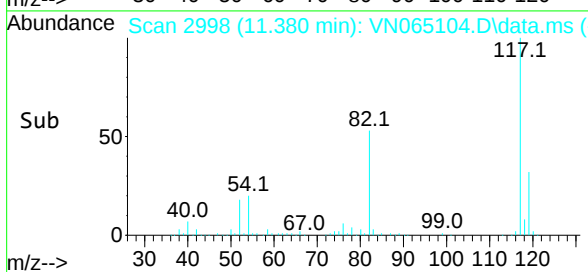
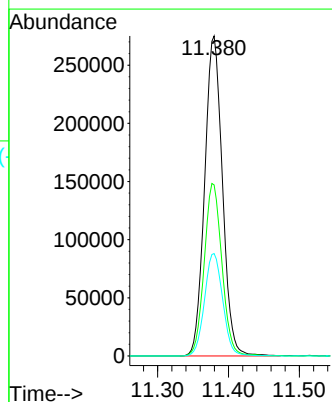
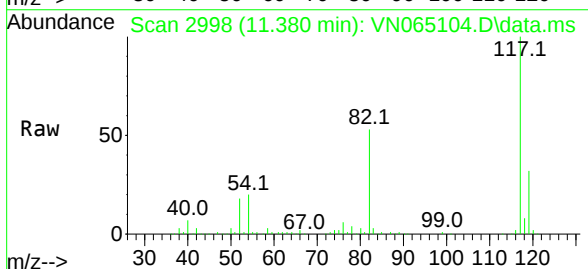
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

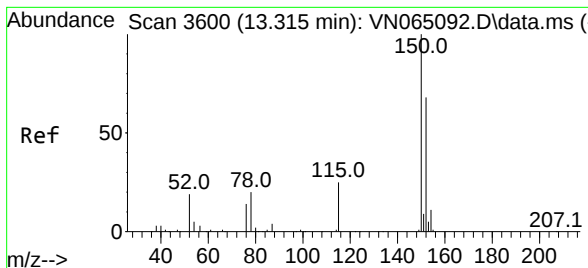
Tgt Ion: 95 Resp: 206077
Ion Ratio Lower Upper
95 100
174 91.4 0.0 160.4
176 86.3 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

Tgt Ion: 117 Resp: 479428
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 32.0 25.8 38.6

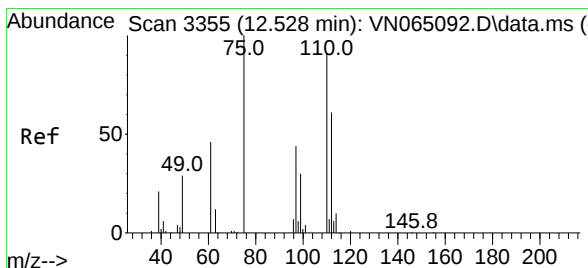
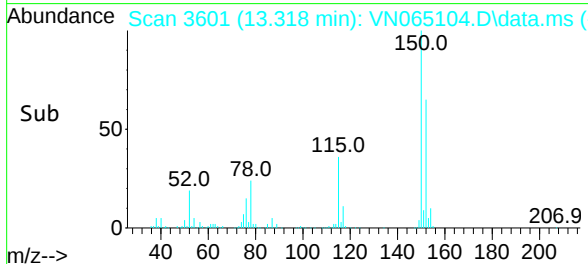
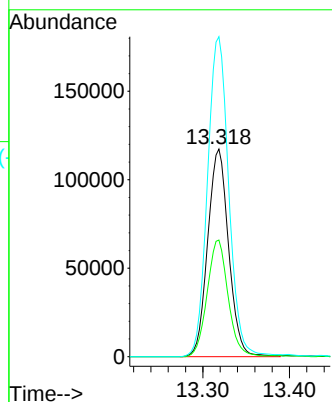
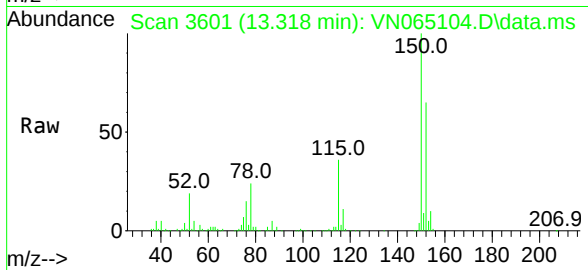




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.003 min
 Lab File: VN065104.D
 Acq: 14 Dec 2020 16:42

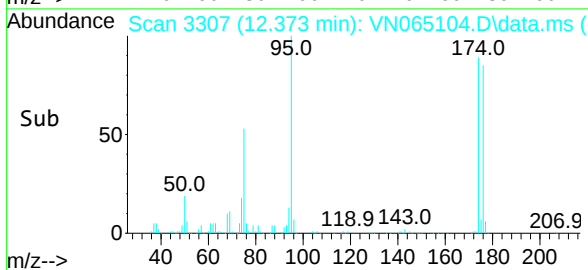
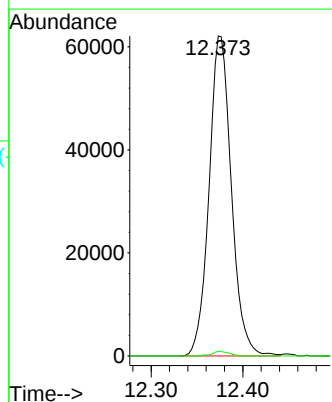
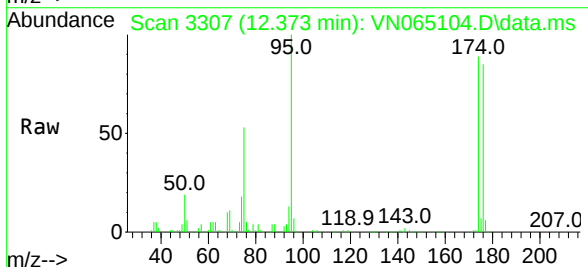
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

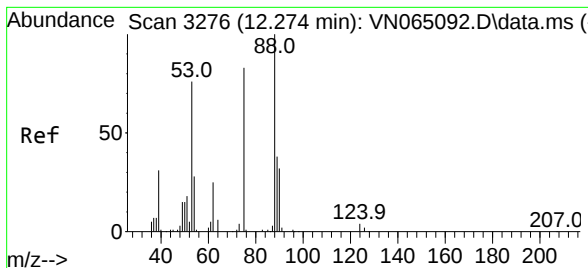
Tgt Ion:152 Resp: 196924
 Ion Ratio Lower Upper
 152 100
 115 56.1 29.7 89.1
 150 156.4 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 29.72 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.155 min
 Lab File: VN065104.D
 Acq: 14 Dec 2020 16:42

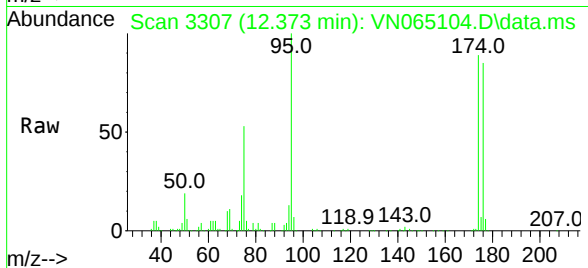
Tgt Ion: 75 Resp: 105024
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



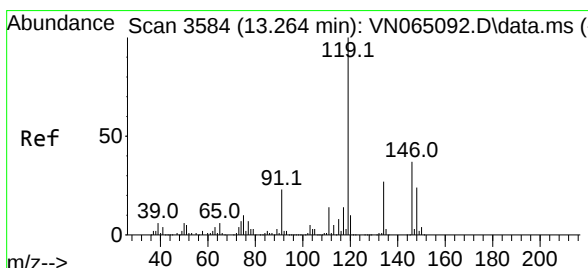
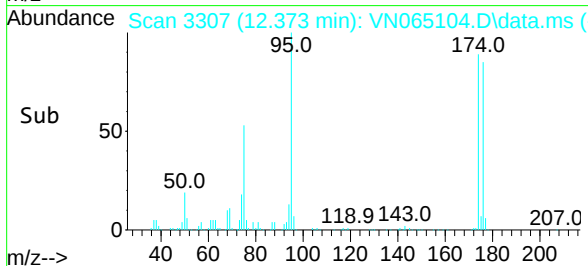
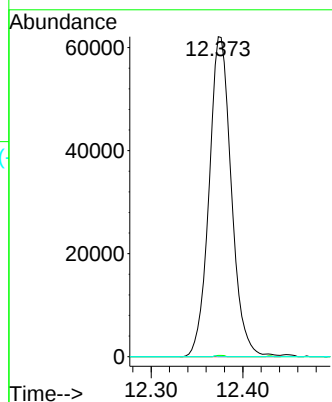


#81
trans-1,4-Dichloro-2-butene
Concen: 82.70 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.099 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA



Tgt Ion: 75 Resp: 105024
Ion Ratio Lower Upper
75 100
53 0.2 67.0 100.4#
89 0.0 39.6 59.4#



#86
p-Isopropyltoluene
Concen: 1.07 ug/l
RT: 13.264 min Scan# 3584
Delta R.T. -0.000 min
Lab File: VN065104.D
Acq: 14 Dec 2020 16:42

Tgt Ion: 119 Resp: 70
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.1#
91 0.0 11.5 34.5#

