

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065134.D
 Acq On : 15 Dec 2020 5:19
 Operator : JC/MD
 Sample : L5053-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 06:47:20 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	7.624	168	148992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	269902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	433232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	116011	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	145035	84.67	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	169.34%#
35) Dibromofluoromethane	7.550	113	103227	55.02	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	110.04%
50) Toluene-d8	10.058	98	505259	76.16	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	152.32%#
62) 4-Bromofluorobenzene	12.373	95	134061	58.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.36%

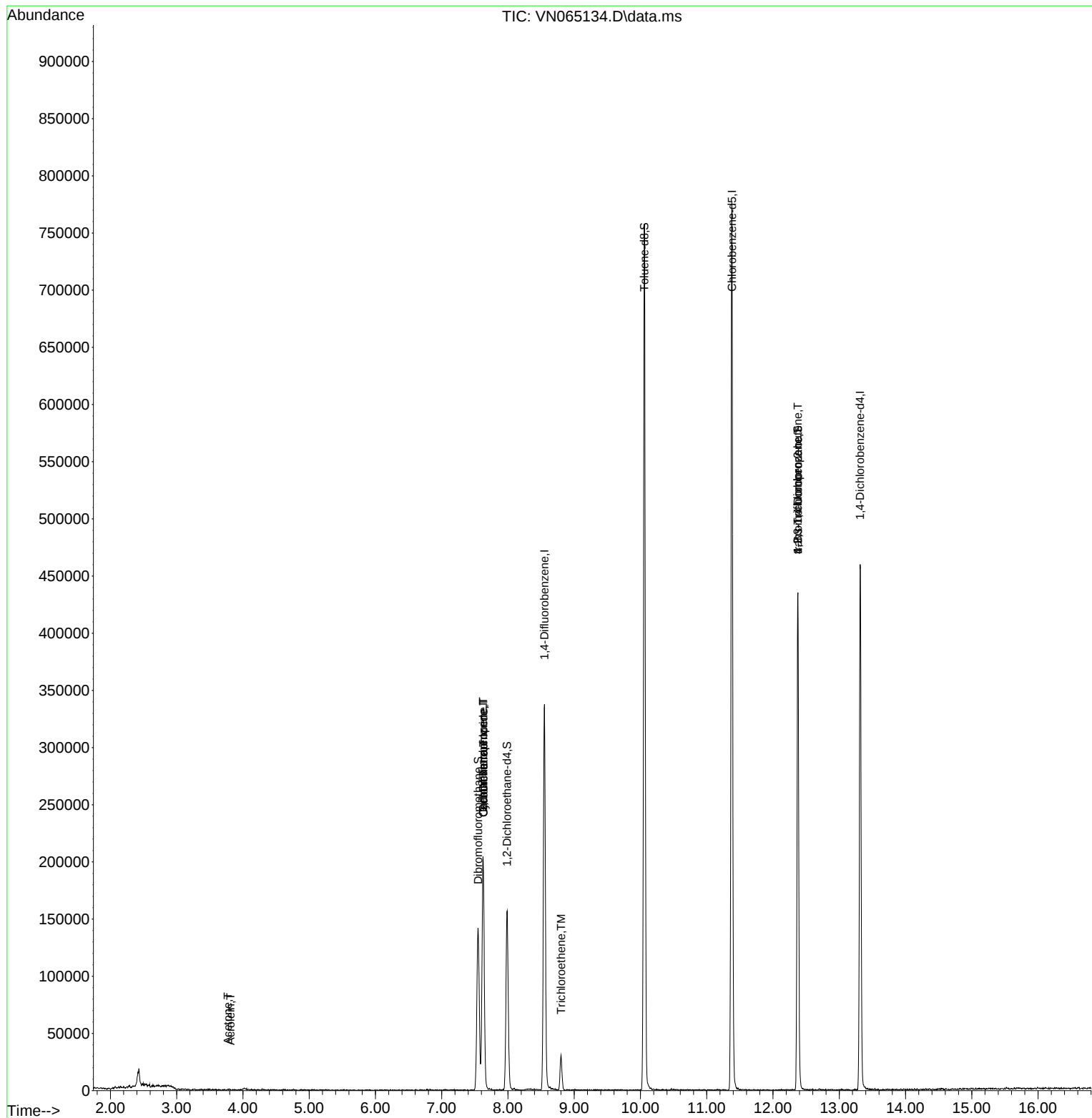
Target Compounds						Qvalue
3) Chloromethane	2.039	50	391	Below Cal	#	41
5) Bromomethane	2.541	94	331	Below Cal	#	77
13) Acrolein	3.811	56	31	0.37	ug/l #	14
16) Acetone	3.772	43	435	0.68	ug/l #	43
31) Cyclohexane	7.627	56	5107	2.19	ug/l #	38
36) 1,1-Dichloropropene	7.624	75	13700	5.32	ug/l #	49
38) Carbon Tetrachloride	7.627	117	16607	5.58	ug/l #	17
44) Trichloroethene	8.804	130	10355	4.63	ug/l	81
76) 1,2,3-Trichloropropane	12.373	75	81451	39.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	81451	108.87	ug/l #	15

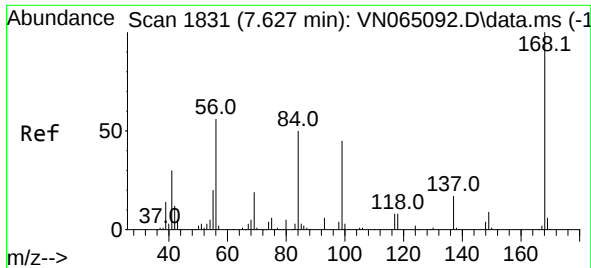
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
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ClientSampleId :

Quant Time: Dec 15 06:47:20 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

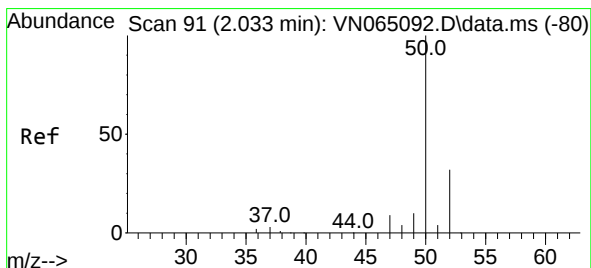
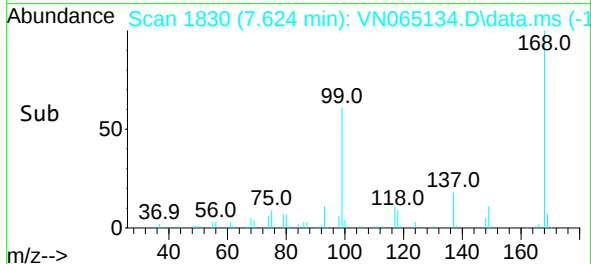
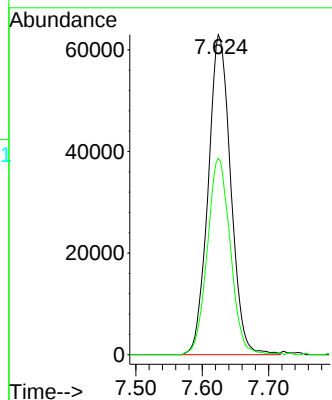
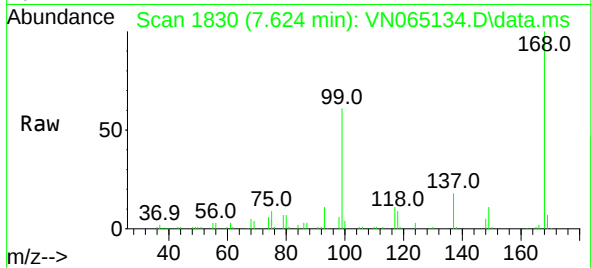




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

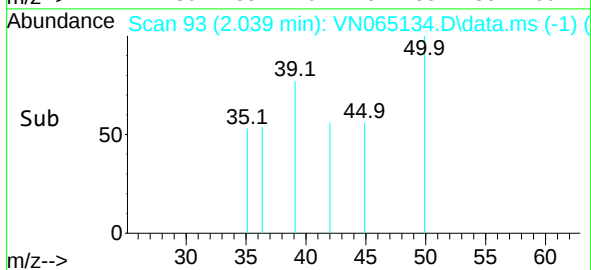
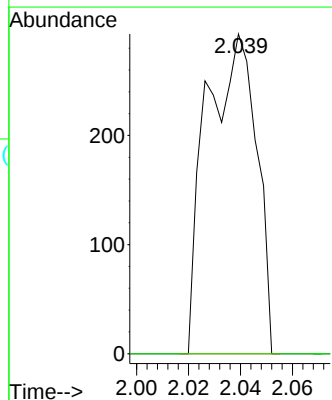
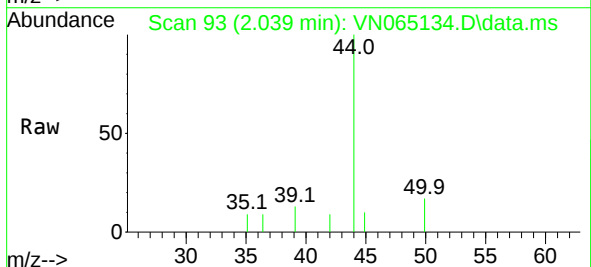
Instrument :
MSVOA_N
ClientSampled :

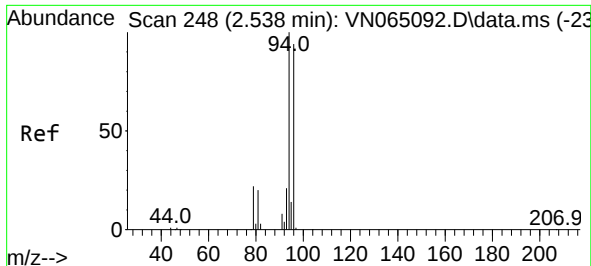
Tgt Ion:168 Resp: 148992
Ion Ratio Lower Upper
168 100
99 61.3 43.0 64.4



#3
Chloromethane
Concen: Below Cal
RT: 2.039 min Scan# 93
Delta R.T. 0.006 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

Tgt Ion: 50 Resp: 391
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

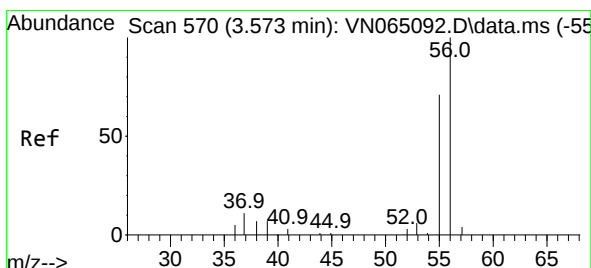
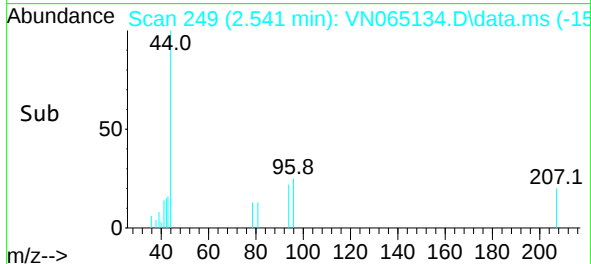
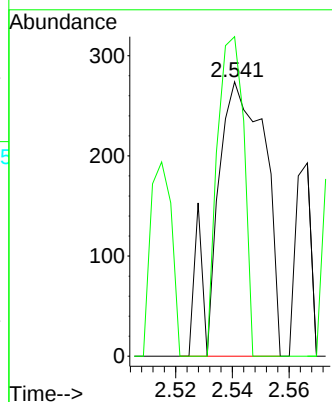
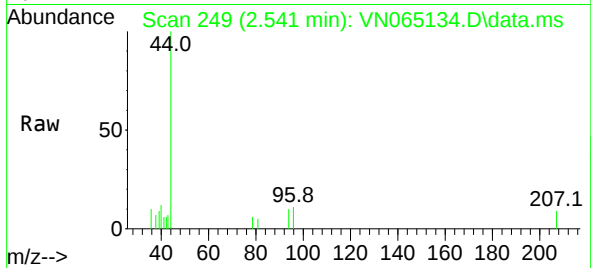




#5
Bromomethane
Concen: Below Cal
RT: 2.541 min Scan# 249
Delta R.T. 0.003 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

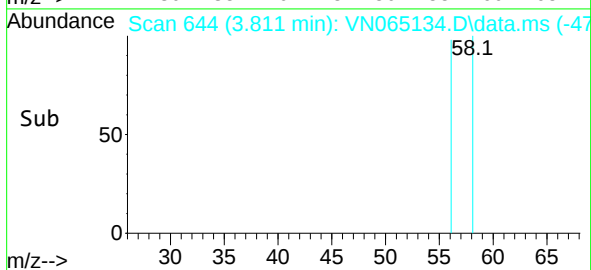
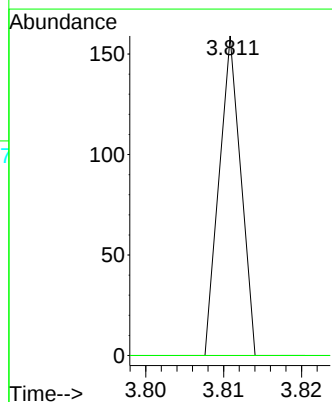
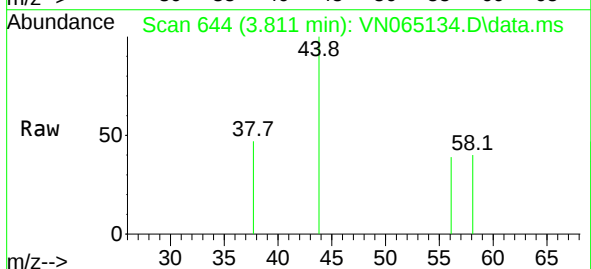
Instrument :
MSVOA_N
ClientSampled :

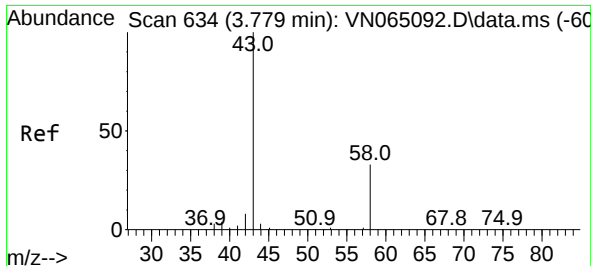
Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 116.4 75.4 113.0#



#13
Acrolein
Concen: 0.37 ug/l
RT: 3.811 min Scan# 644
Delta R.T. 0.238 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#

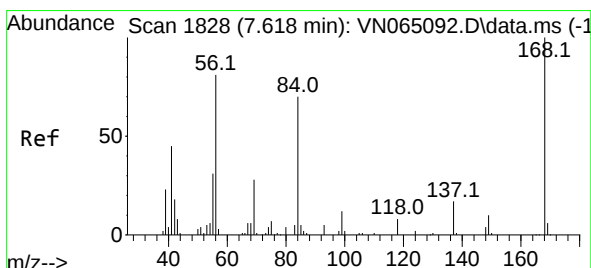
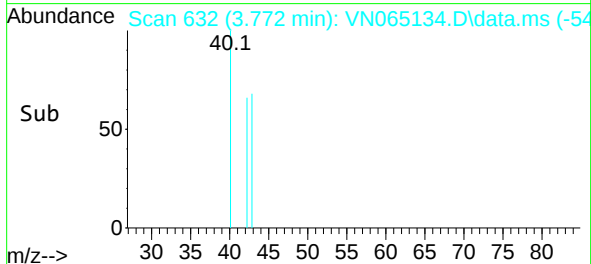
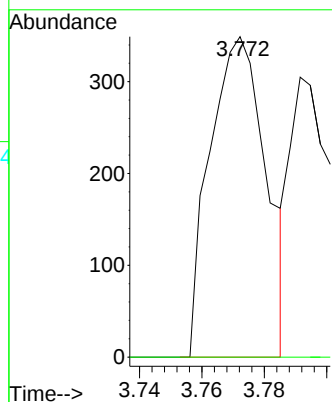
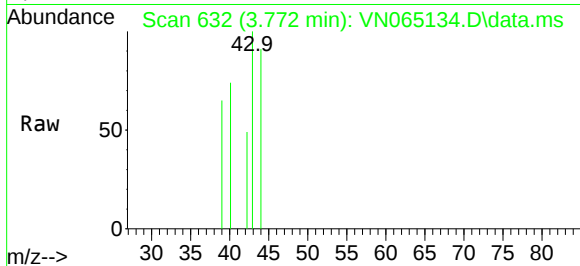




#16
Acetone
Concen: 0.68 ug/l
RT: 3.772 min Scan# 632
Delta R.T. -0.007 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

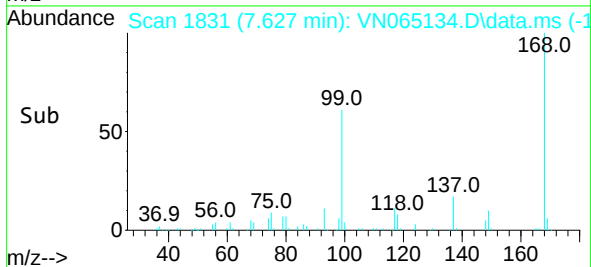
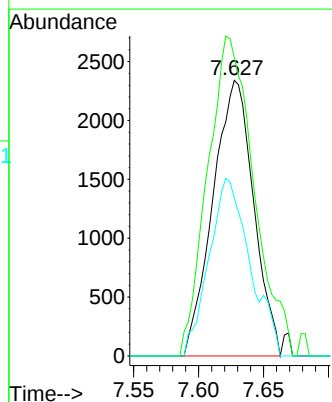
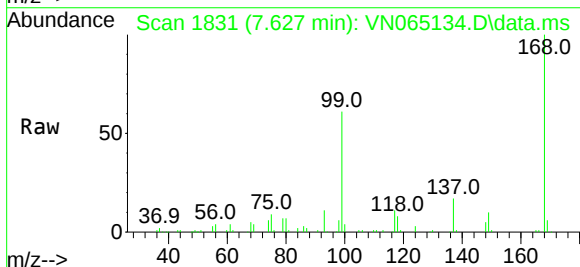
Instrument :
MSVOA_N
ClientSampleId :

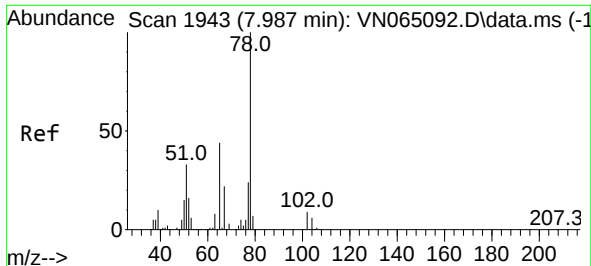
Tgt Ion: 43 Resp: 435
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#31
Cyclohexane
Concen: 2.19 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.009 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

Tgt Ion: 56 Resp: 5107
Ion Ratio Lower Upper
56 100
69 108.2 27.5 41.3#
84 57.3 73.9 110.9#

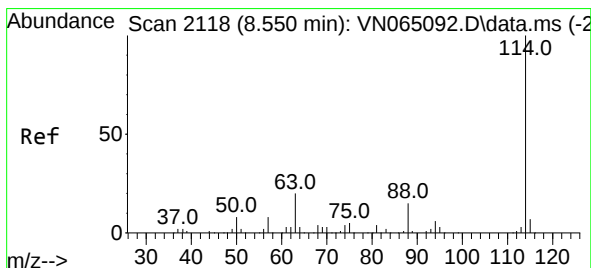
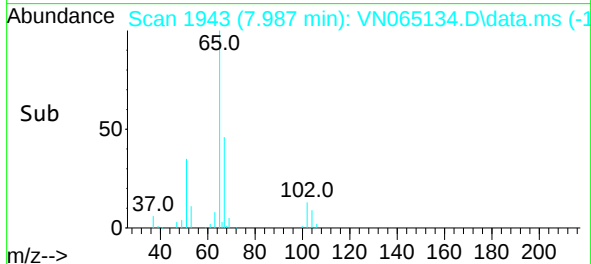
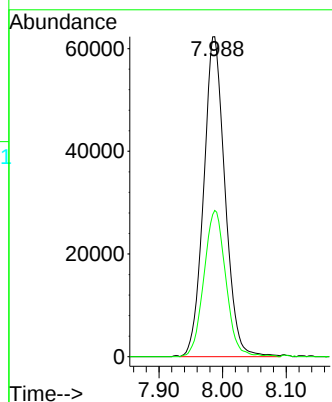
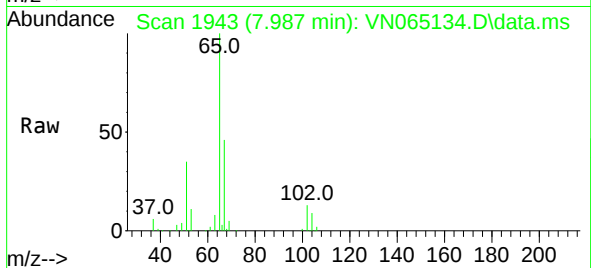




#33
1,2-Dichloroethane-d4
Concen: 84.67 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

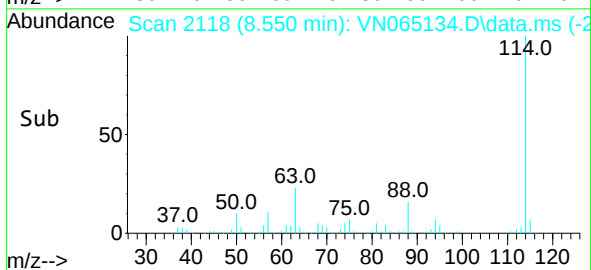
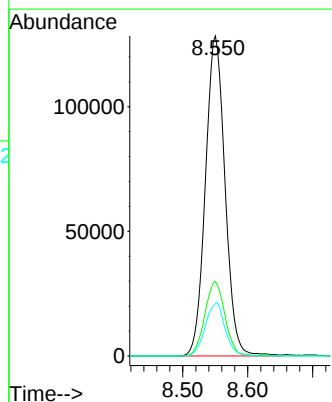
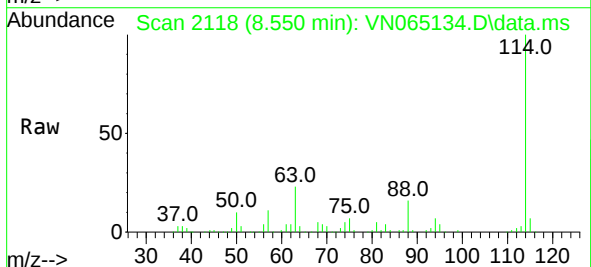
Instrument :
MSVOA_N
ClientSampleId :

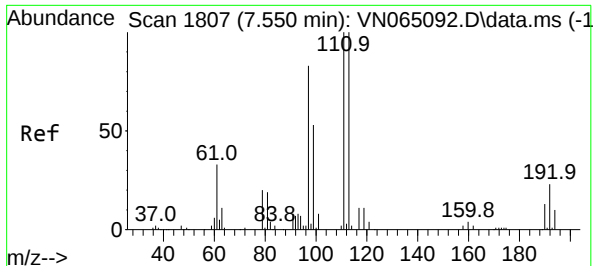
Tgt Ion: 65 Resp: 145035
Ion Ratio Lower Upper
65 100
67 46.9 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

Tgt Ion: 114 Resp: 269902
Ion Ratio Lower Upper
114 100
63 23.2 0.0 38.6
88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.02 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN065134.D

Acq: 15 Dec 2020 5:19

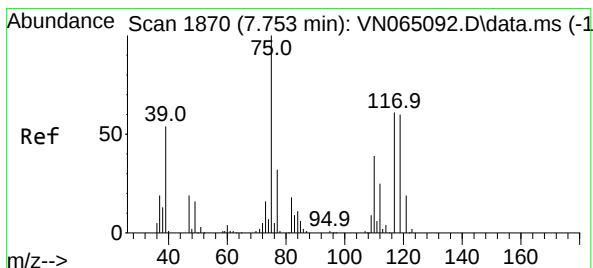
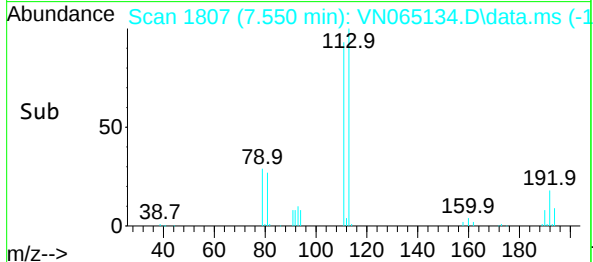
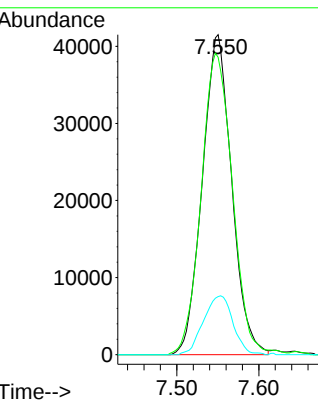
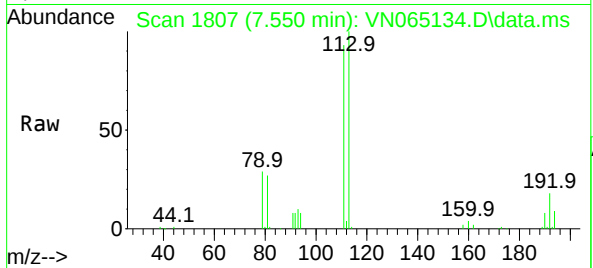
Tgt Ion:113 Resp: 103227

Ion Ratio Lower Upper

113 100

111 100.2 81.6 122.4

192 18.5 16.2 24.2



#36

1,1-Dichloropropene

Concen: 5.32 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.129 min

Lab File: VN065134.D

Acq: 15 Dec 2020 5:19

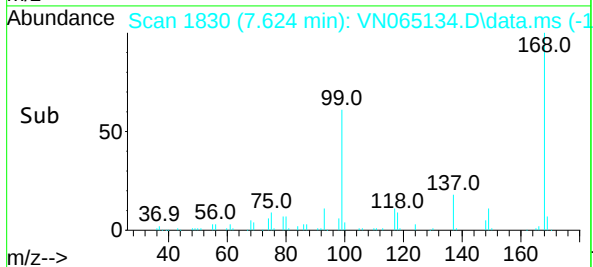
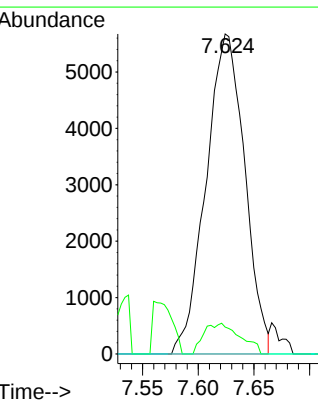
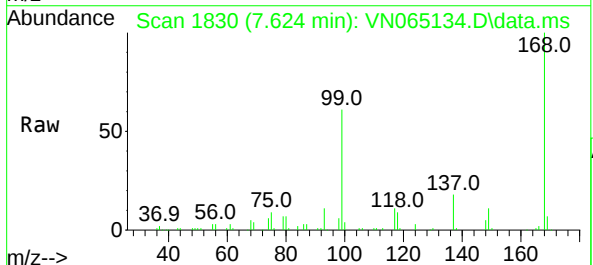
Tgt Ion: 75 Resp: 13700

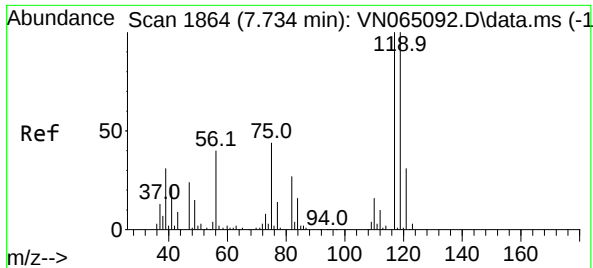
Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.3#

77 0.0 25.0 37.4#

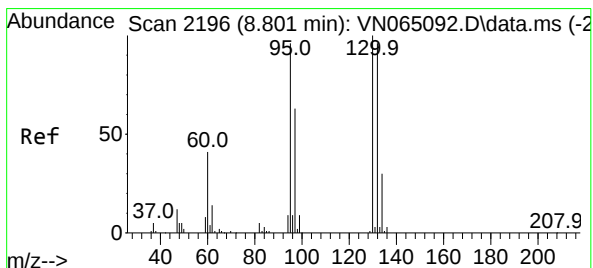
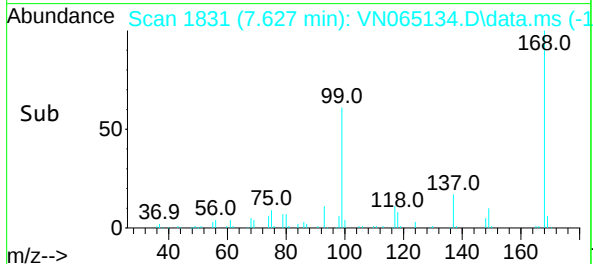
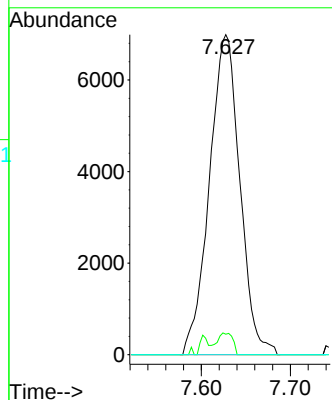
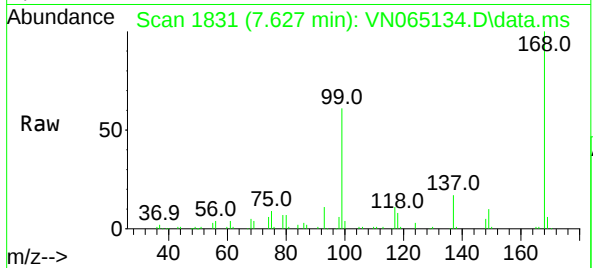




#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

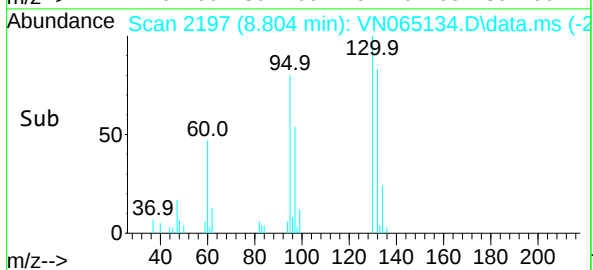
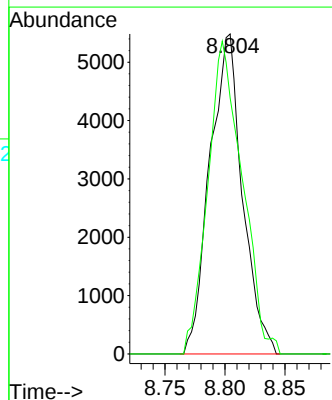
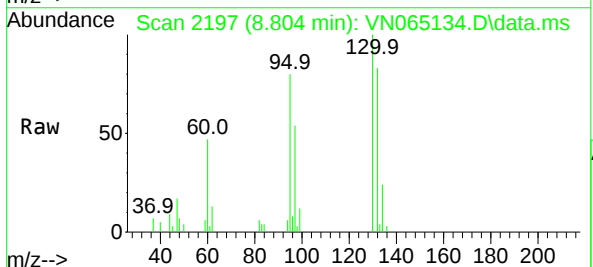
Instrument :
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ClientSampleId :

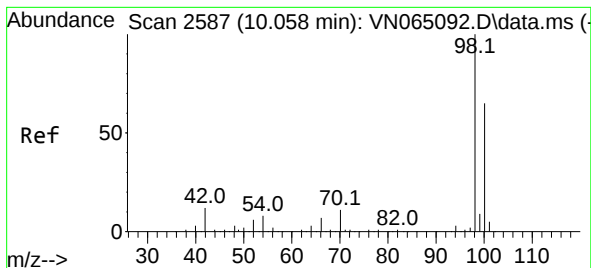
Tgt Ion:117 Resp: 16607
Ion Ratio Lower Upper
117 100
119 6.4 76.7 115.1#
121 0.0 25.4 38.2#



#44
Trichloroethene
Concen: 4.63 ug/l
RT: 8.804 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

Tgt Ion:130 Resp: 10355
Ion Ratio Lower Upper
130 100
95 80.0 0.0 197.8

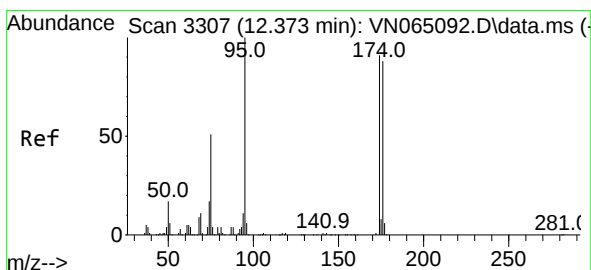
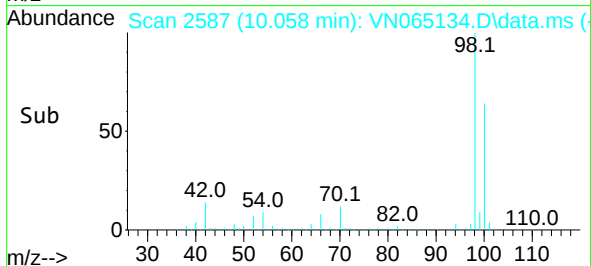
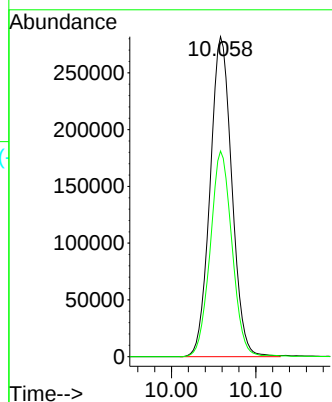
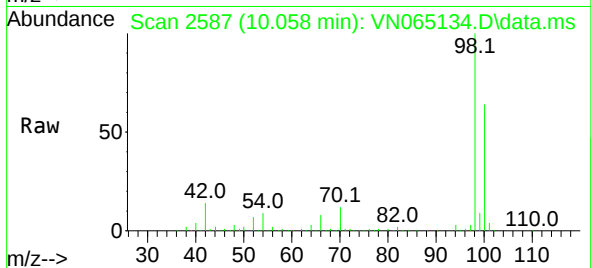




#50
Toluene-d8
Concen: 76.16 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

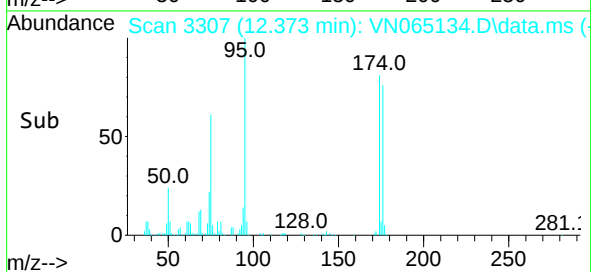
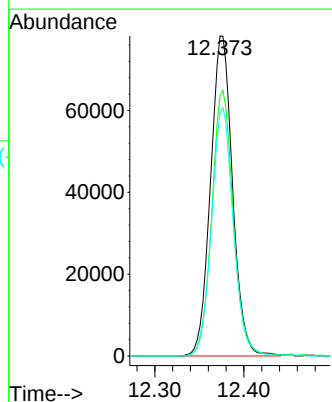
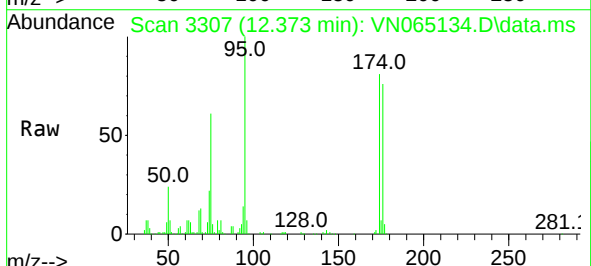
Instrument :
MSVOA_N
ClientSampled :

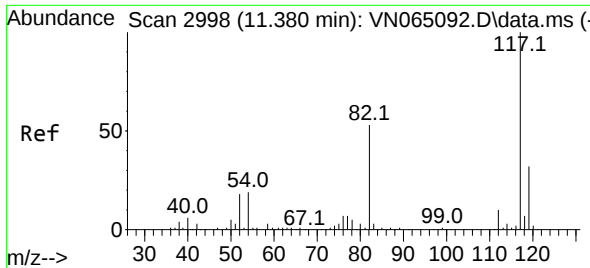
Tgt Ion: 98 Resp: 505259
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 58.68 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

Tgt Ion: 95 Resp: 134061
Ion Ratio Lower Upper
95 100
174 81.2 0.0 160.4
176 76.7 0.0 158.4

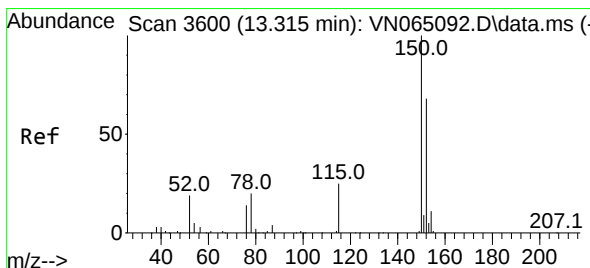
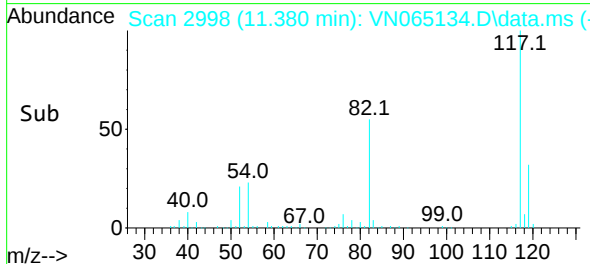
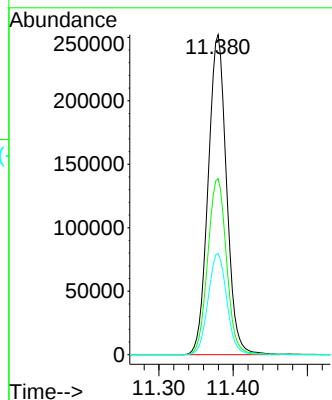
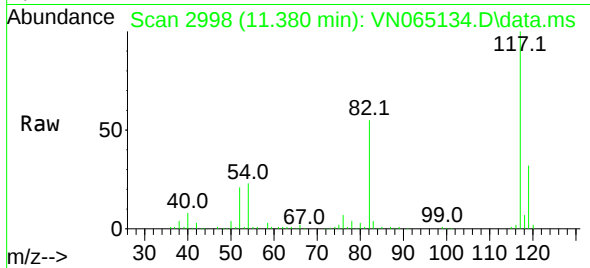




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

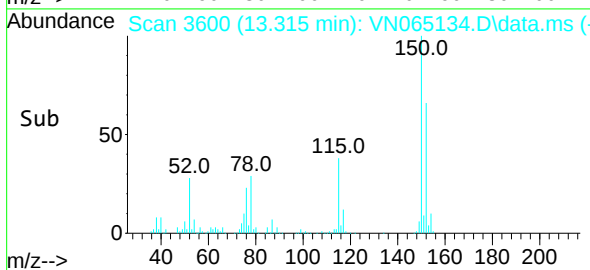
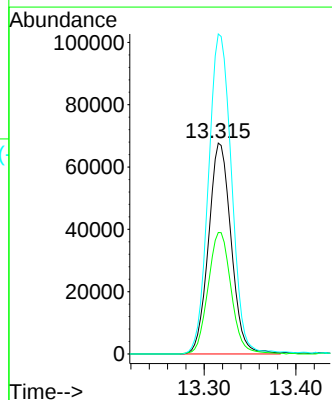
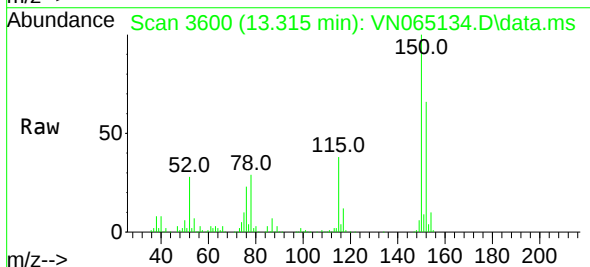
Instrument :
MSVOA_N
ClientSampleId :

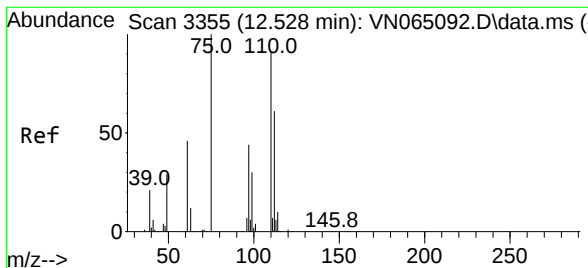
Tgt Ion:117 Resp: 433232
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.000 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

Tgt Ion:152 Resp: 116011
Ion Ratio Lower Upper
152 100
115 58.8 29.7 89.1
150 155.3 0.0 350.6

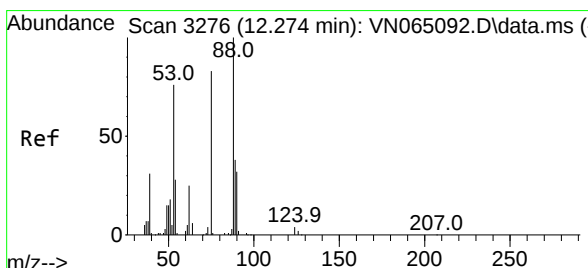
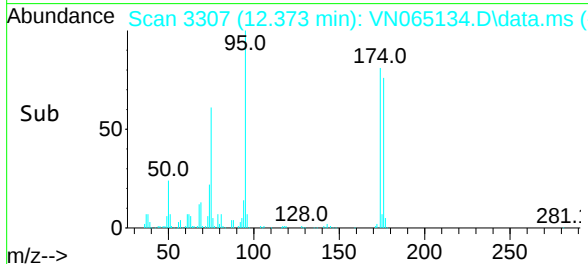
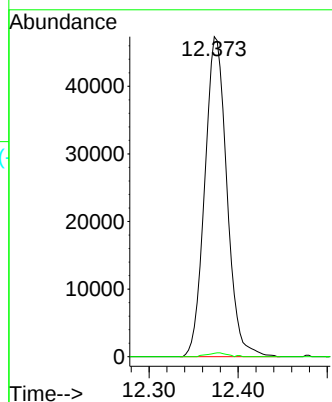
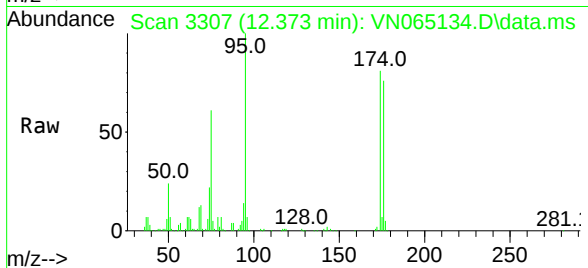




#76
1,2,3-Trichloropropane
Concen: 39.13 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.155 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81451
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.87 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.099 min
Lab File: VN065134.D
Acq: 15 Dec 2020 5:19

Tgt Ion: 75 Resp: 81451
Ion Ratio Lower Upper
75 100
53 0.3 67.0 100.4#
89 0.0 39.6 59.4#

