

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065304.D
 Acq On : 29 Dec 2020 14:21
 Operator : JC/MD
 Sample : L5224-05 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-2

Quant Time: Dec 30 00:56:07 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	344440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	493338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	440821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	173193	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	180282	46.36	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.72%
35) Dibromofluoromethane	7.553	113	149138	50.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.22%
50) Toluene-d8	10.061	98	586771	52.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.20%
62) 4-Bromofluorobenzene	12.376	95	188590	43.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.98%

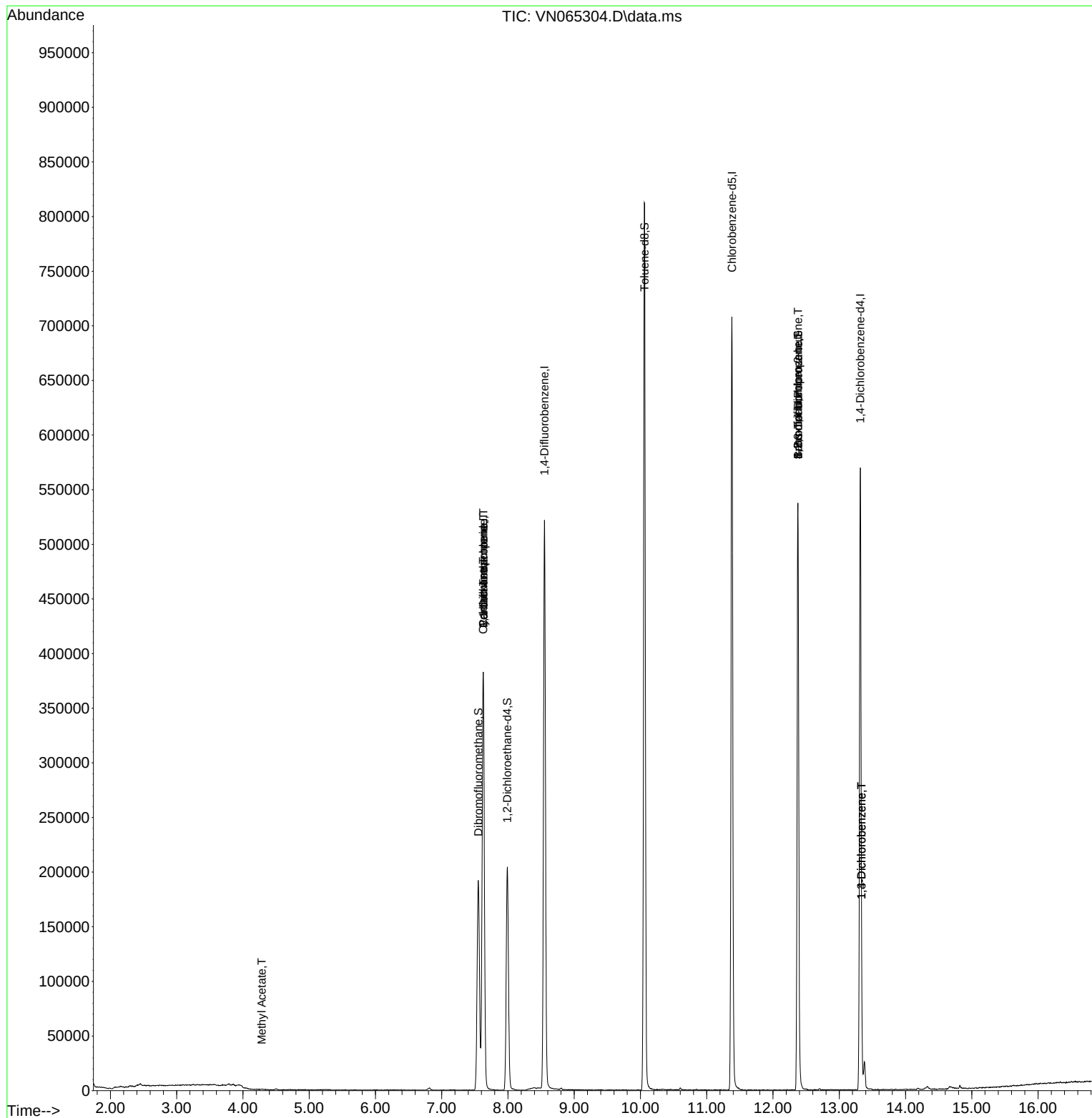
Target Compounds					Qvalue
16) Acetone	3.785	43	1975	Below Cal	# 83
18) Methyl Acetate	4.283	43	1048	0.30 ug/l	# 50
31) Cyclohexane	7.624	56	5999	1.04 ug/l	# 1
36) 1,1-Dichloropropene	7.627	75	22056	4.92 ug/l	# 49
38) Carbon Tetrachloride	7.627	117	28841	6.12 ug/l	# 16
71) Bromoform	12.376	173	1291	0.43 ug/l	# 1
76) 1,2,3-Trichloropropane	12.376	75	93787	26.54 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.376	75	93787	66.93 ug/l	# 15
87) 1,3-Dichlorobenzene	13.338	146	2093	0.36 ug/l	# 32
88) 1,4-Dichlorobenzene	13.338	146	2093	0.36 ug/l	# 31

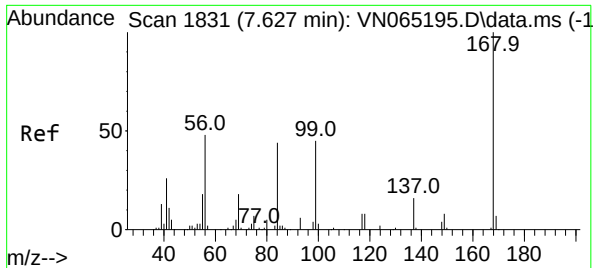
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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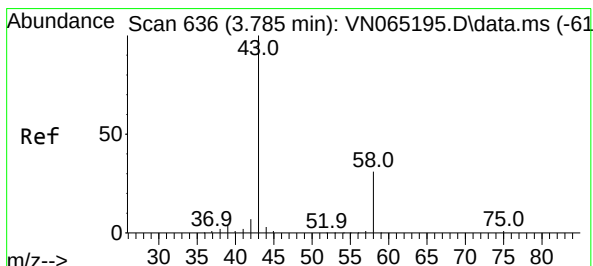
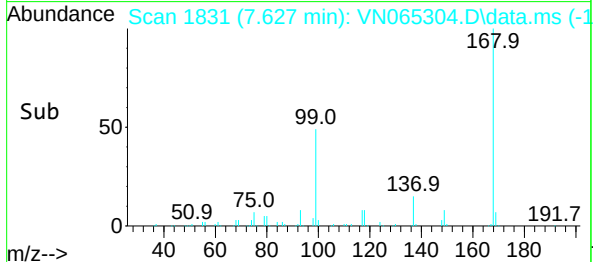
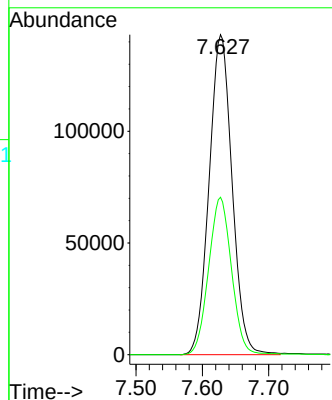
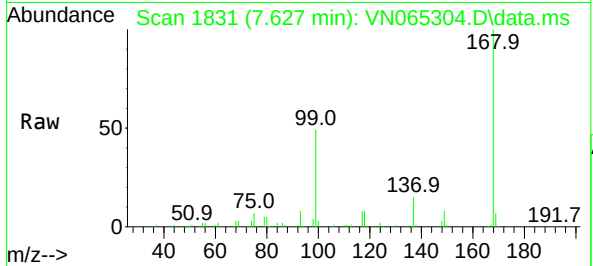




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

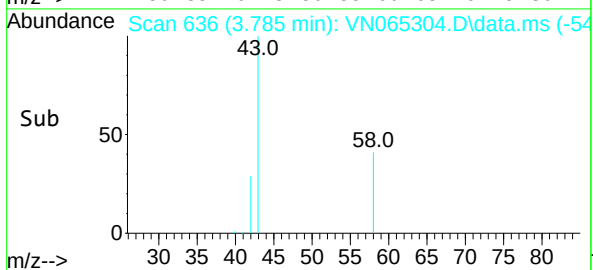
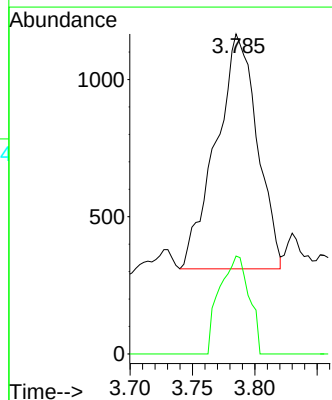
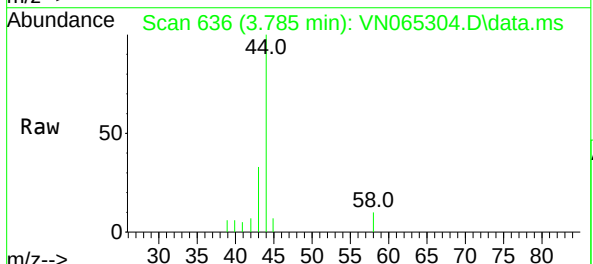
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-2

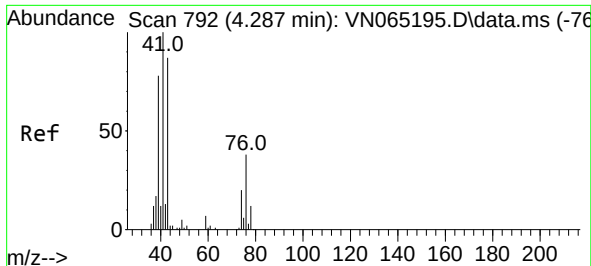
Tgt Ion:168 Resp: 344440
Ion Ratio Lower Upper
168 100
99 49.2 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
58 41.7 25.7 38.5#





#18

Methyl Acetate

Concen: 0.30 ug/l

RT: 4.283 min Scan# 791

Delta R.T. -0.004 min

Lab File: VN065304.D

Acq: 29 Dec 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

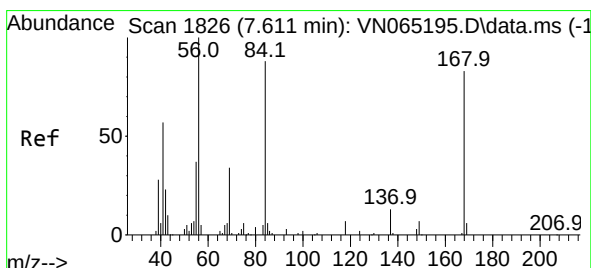
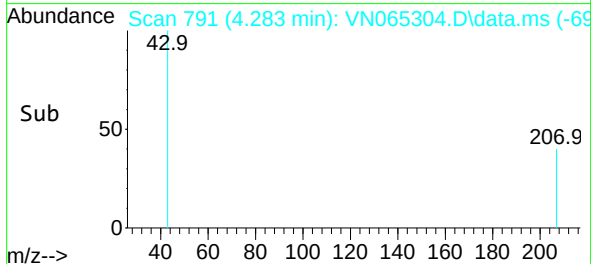
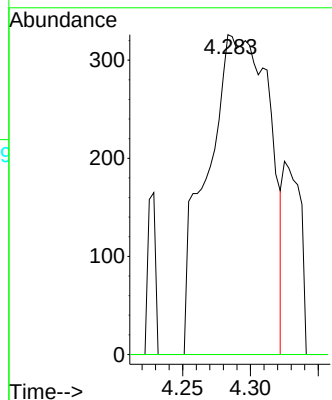
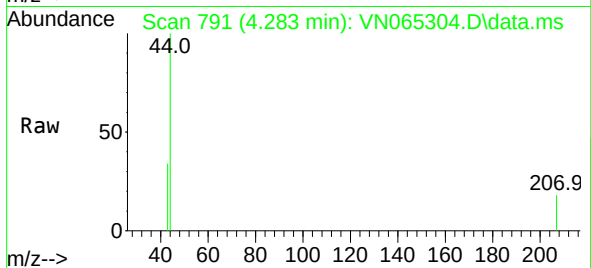
DRUM-COMP-2

Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065304.D

Acq: 29 Dec 2020 14:21

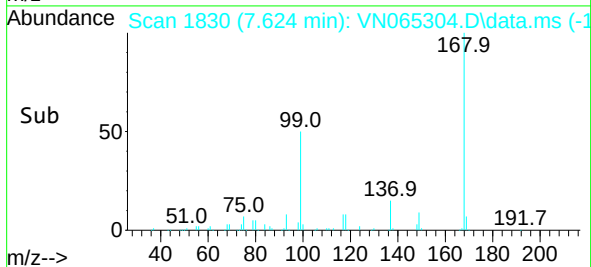
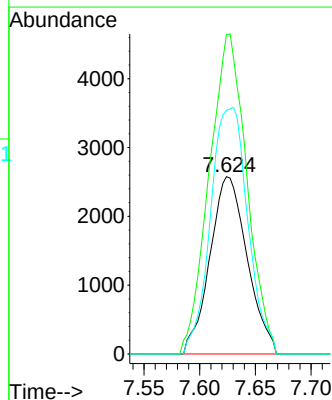
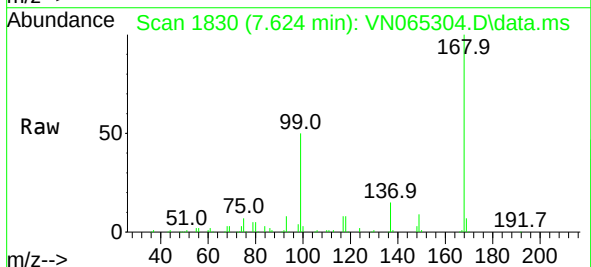
Tgt Ion: 56 Resp: 5999

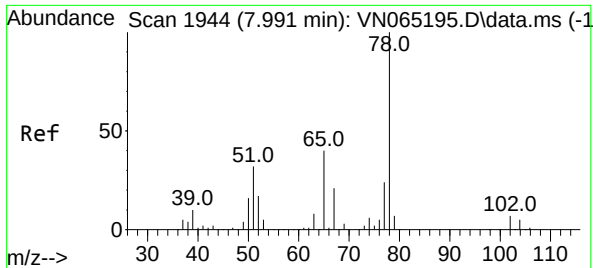
Ion Ratio Lower Upper

56 100

69 180.2 27.5 41.3#

84 137.5 73.9 110.9#

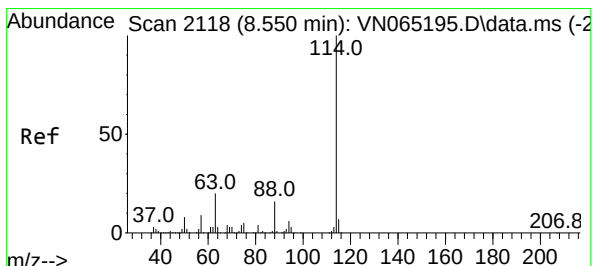
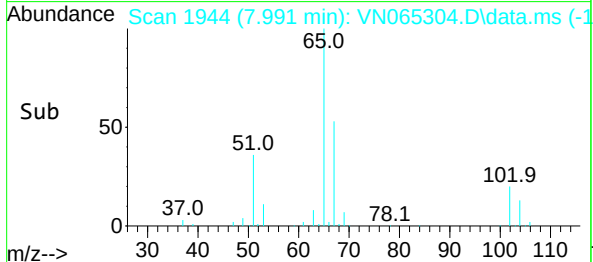
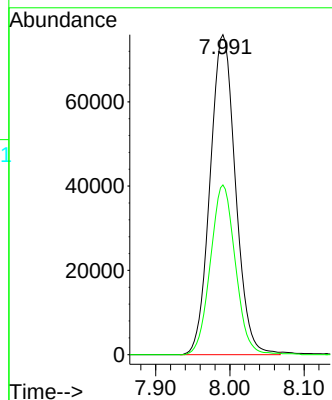
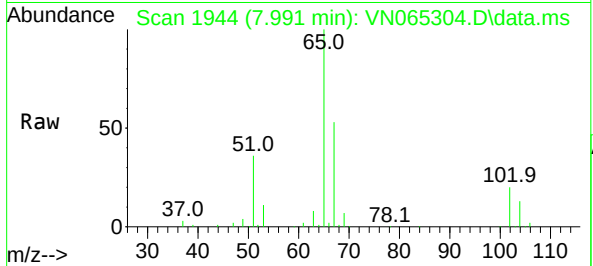




#33
1,2-Dichloroethane-d4
Concen: 46.36 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

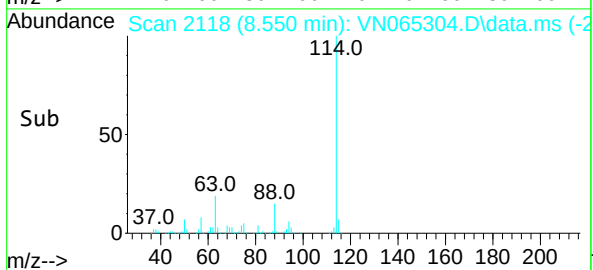
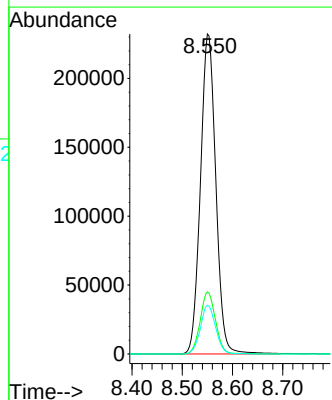
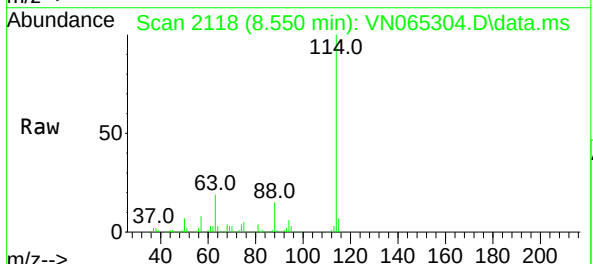
Instrument :
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DRUM-COMP-2

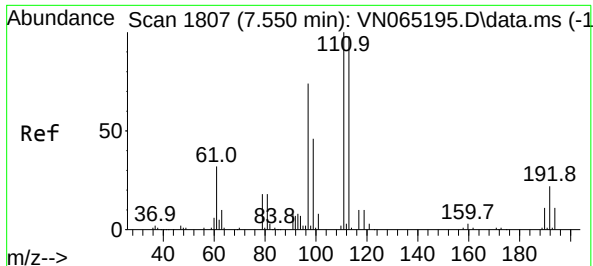
Tgt Ion: 65 Resp: 180282
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

Tgt Ion: 114 Resp: 493338
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.3 0.0 32.6

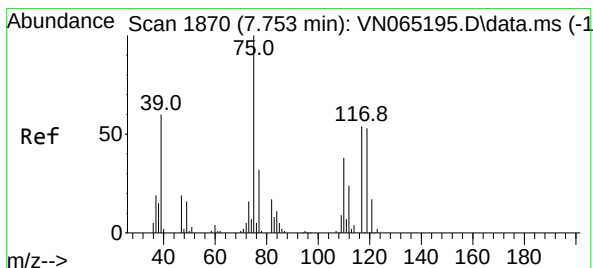
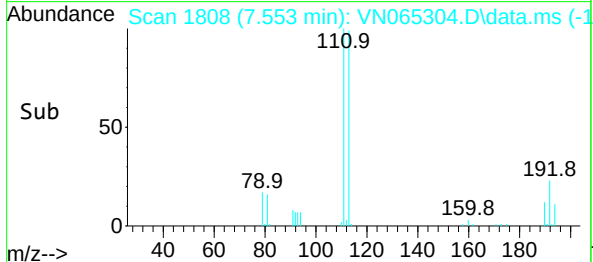
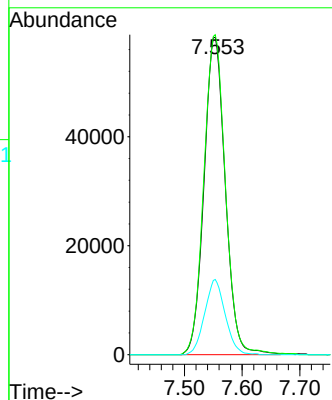
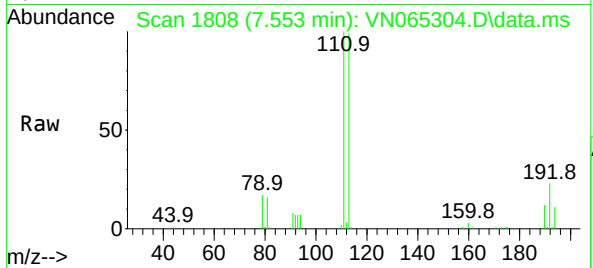




#35
Dibromofluoromethane
Concen: 50.11 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

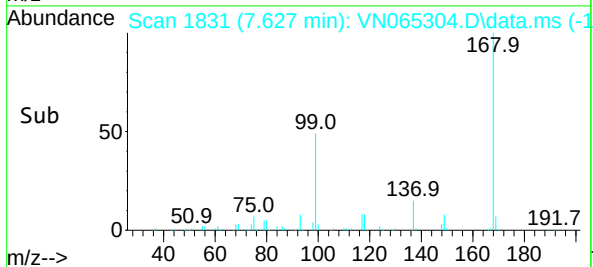
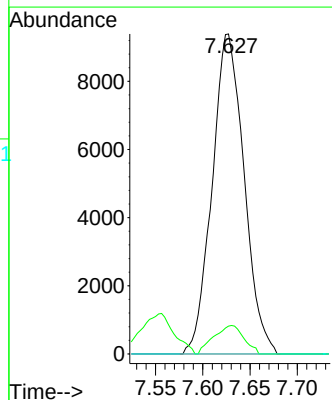
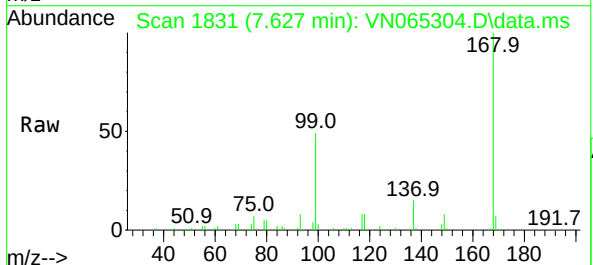
Instrument :
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ClientSampleId :
DRUM-COMP-2

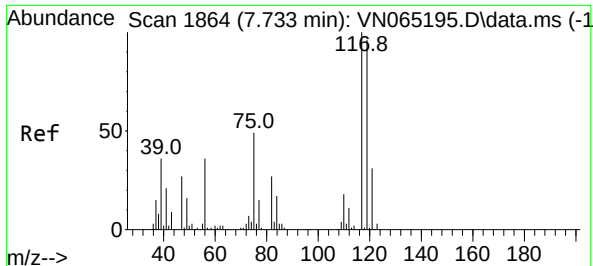
Tgt Ion:113 Resp: 149138
Ion Ratio Lower Upper
113 100
111 102.3 81.6 122.4
192 22.9 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

Tgt Ion: 75 Resp: 22056
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#

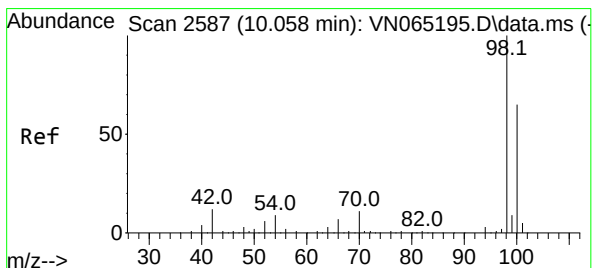
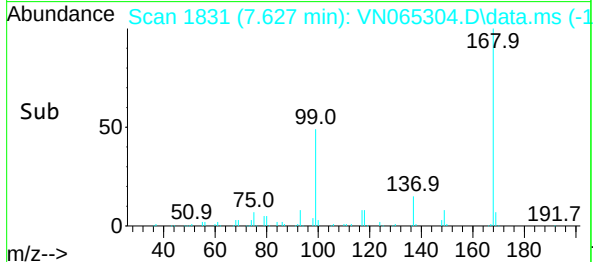
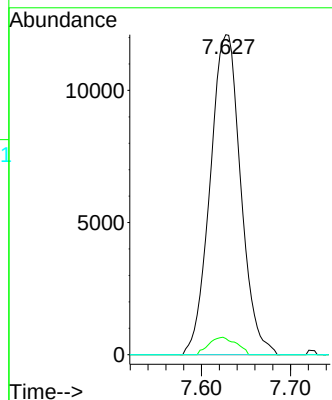
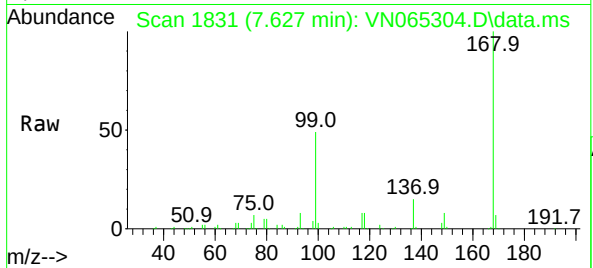




#38
Carbon Tetrachloride
Concen: 6.12 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

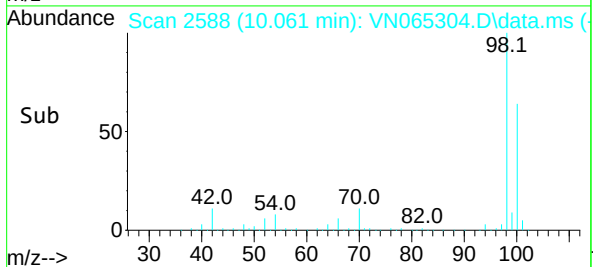
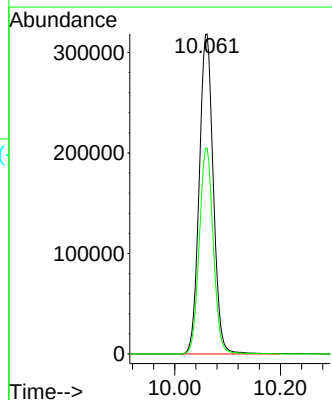
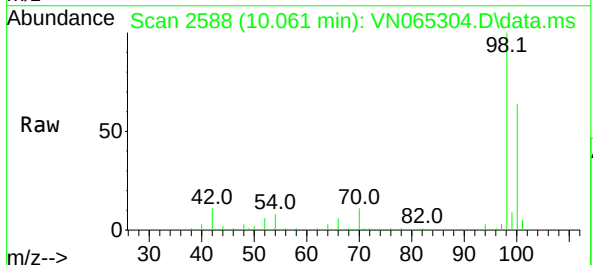
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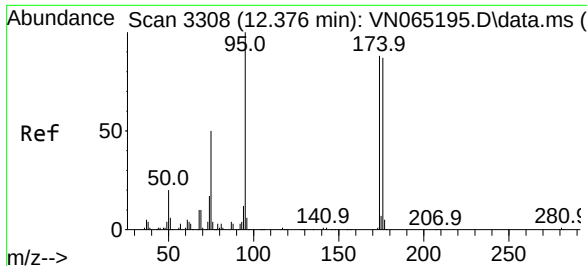
Tgt Ion:117 Resp: 28841
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#



#50
Toluene-d8
Concen: 52.60 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

Tgt Ion: 98 Resp: 586771
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

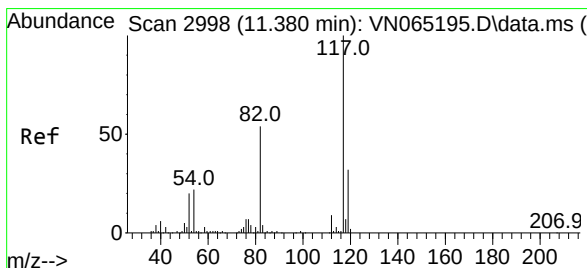
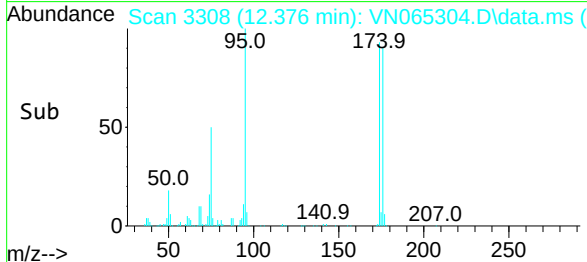
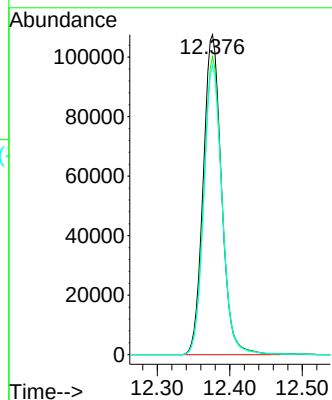
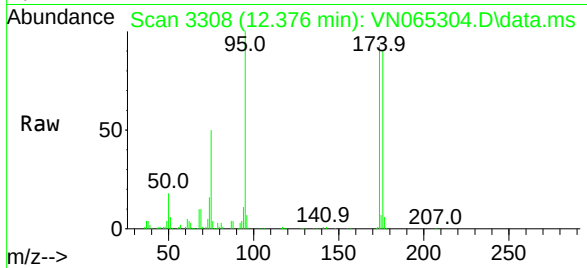




#62
4-Bromofluorobenzene
Concen: 43.49 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

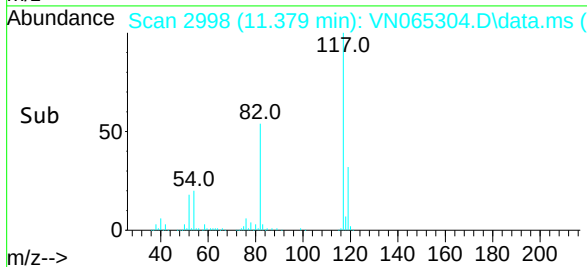
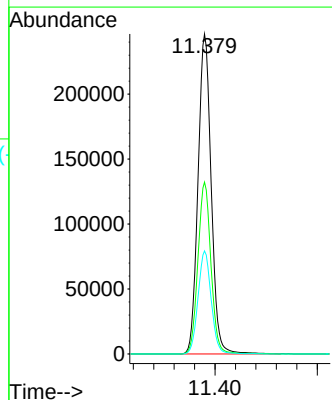
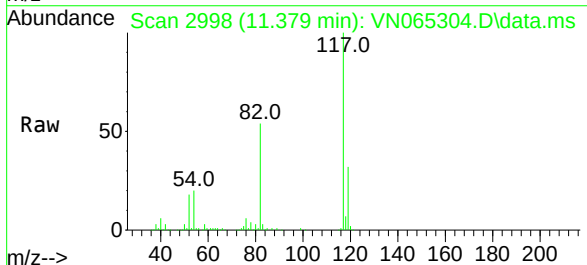
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DRUM-COMP-2

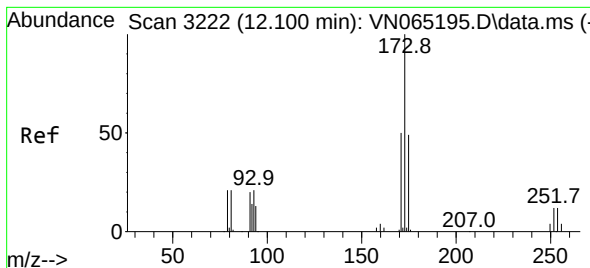
Tgt Ion: 95 Resp: 188590
Ion Ratio Lower Upper
95 100
174 93.2 0.0 160.4
176 89.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

Tgt Ion: 117 Resp: 440821
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 32.2 25.8 38.6





#71

Bromoform

Concen: 0.43 ug/l

RT: 12.376 min Scan# 3308

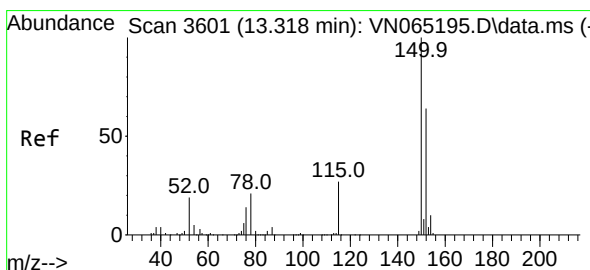
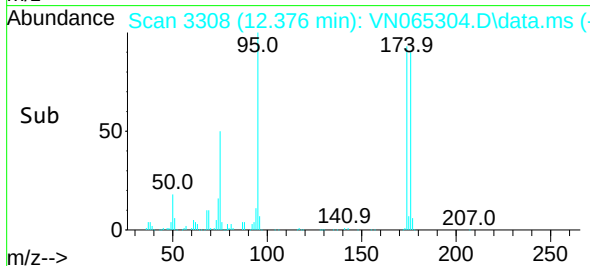
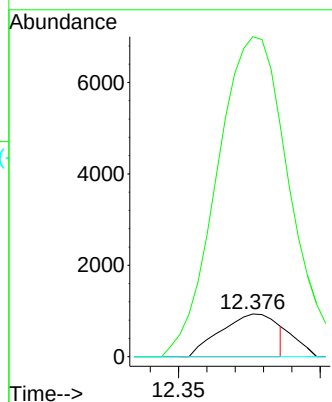
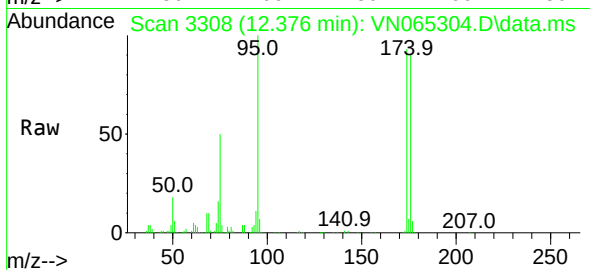
Delta R.T. 0.276 min

Lab File: VN065304.D

Acq: 29 Dec 2020 14:21

Tgt Ion:173 Resp: 1291
 Ion Ratio Lower Upper
 173 100
 175 798.1 24.3 72.8#
 254 0.0 0.0 0.0

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-2



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

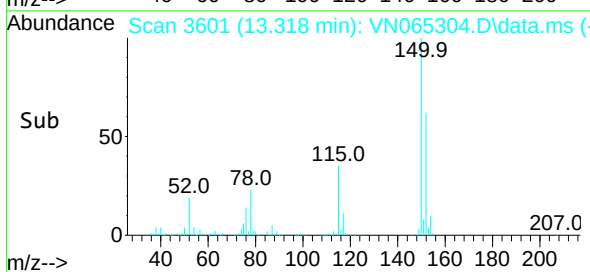
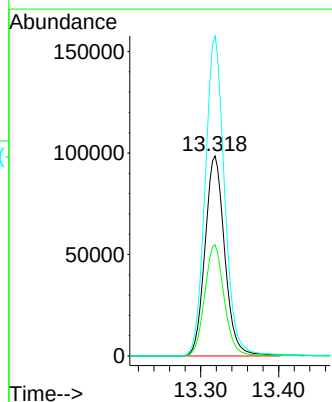
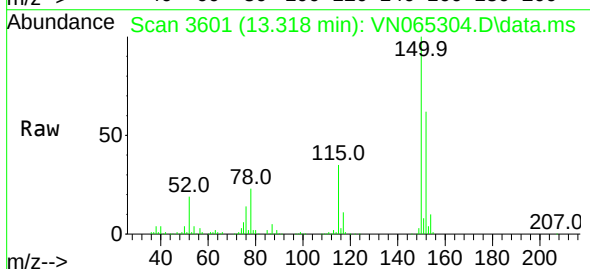
RT: 13.318 min Scan# 3601

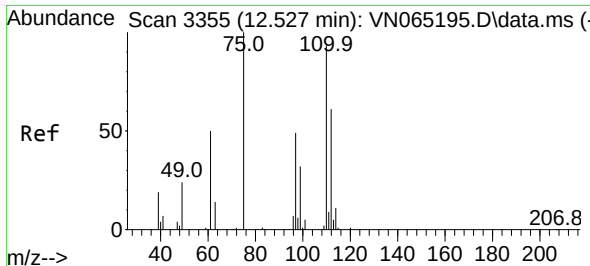
Delta R.T. 0.000 min

Lab File: VN065304.D

Acq: 29 Dec 2020 14:21

Tgt Ion:152 Resp: 173193
 Ion Ratio Lower Upper
 152 100
 115 55.4 29.7 89.1
 150 158.3 0.0 350.6

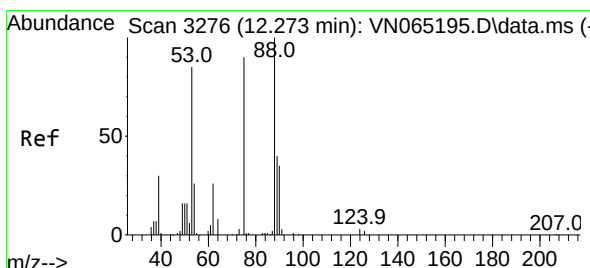
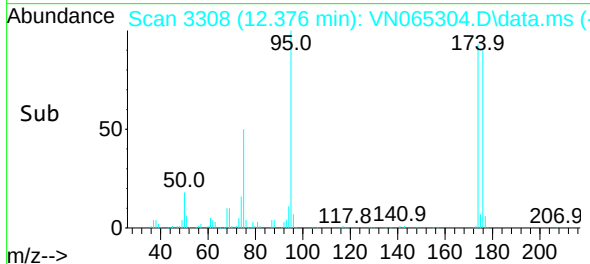
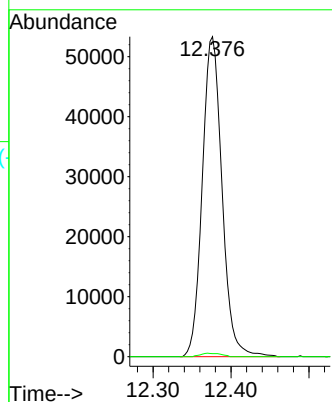
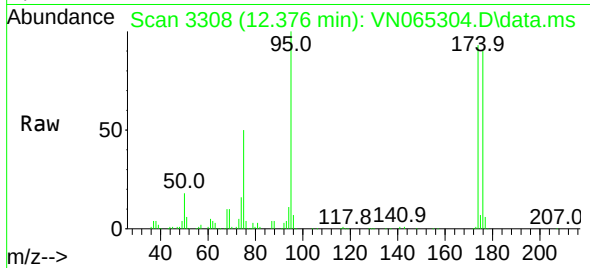




#76
1,2,3-Trichloropropane
Concen: 26.54 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

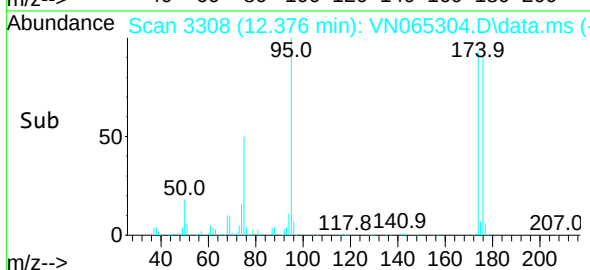
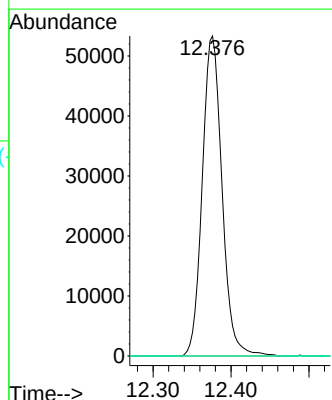
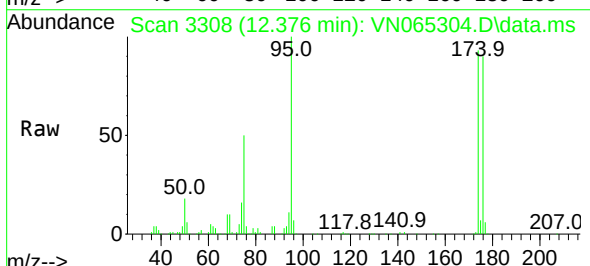
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-2

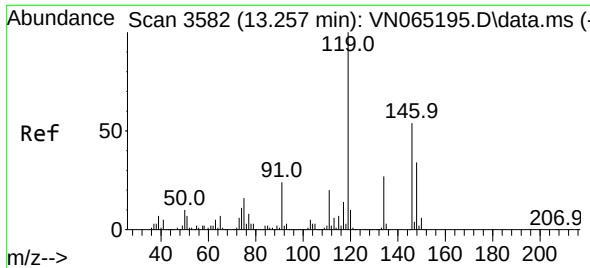
Tgt Ion: 75 Resp: 93787
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.93 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

Tgt Ion: 75 Resp: 93787
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

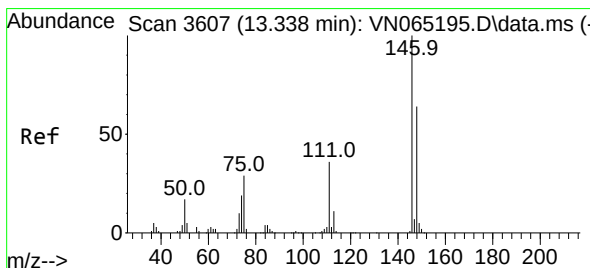
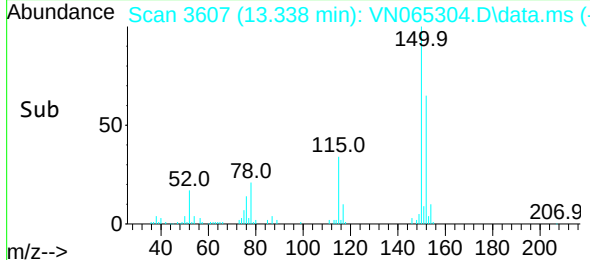
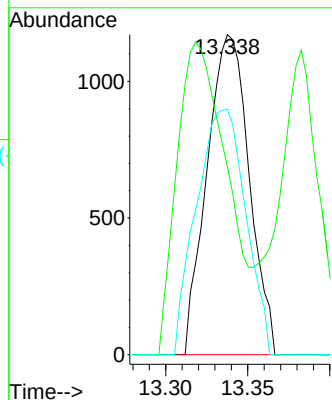
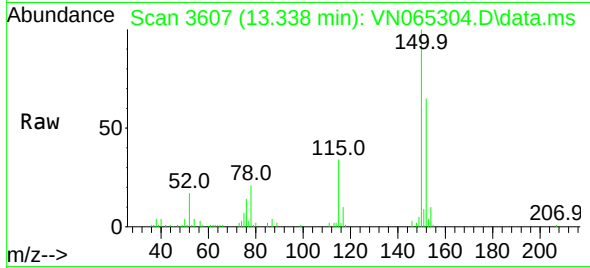




#87
1,3-Dichlorobenzene
Concen: 0.36 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. 0.081 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-2

Tgt Ion:146 Resp: 2093
Ion Ratio Lower Upper
146 100
111 117.8 20.6 61.9#
148 89.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 0.36 ug/l
RT: 13.338 min Scan# 3607
Delta R.T. -0.000 min
Lab File: VN065304.D
Acq: 29 Dec 2020 14:21

Tgt Ion:146 Resp: 2093
Ion Ratio Lower Upper
146 100
111 117.8 19.8 59.3#
148 89.5 31.9 95.5

