

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011421\
 Data File : VN065512.D
 Acq On : 14 Jan 2021 16:21
 Operator : JC/MD
 Sample : M1137-02 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002

Quant Time: Jan 15 04:14:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 14 04:12:08 2021
 Response via : Initial Calibration

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

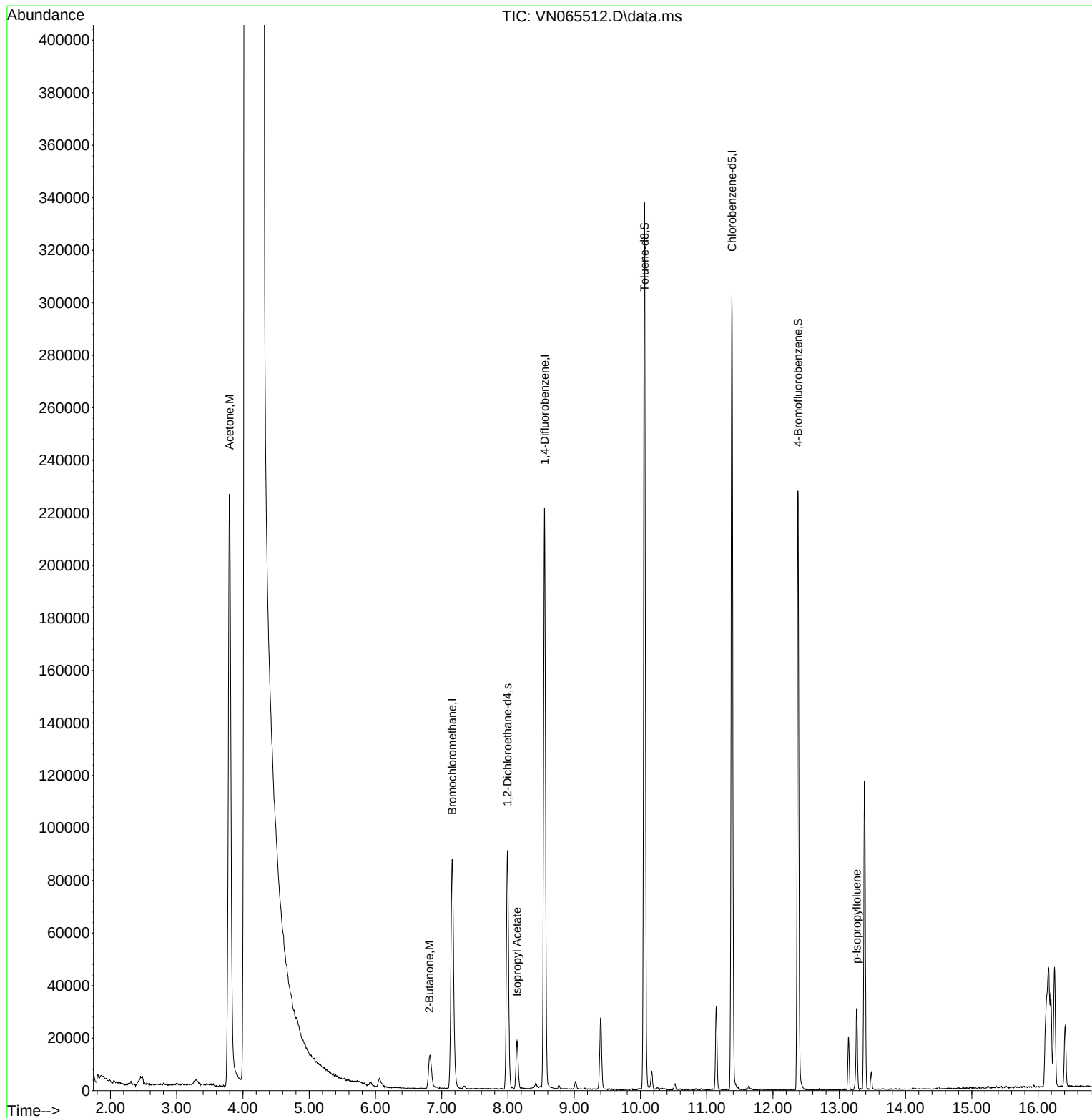
Internal Standards						
1) Bromochloromethane	7.158	128	39770	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.553	114	213177	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	190450	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.994	65	78286	31.51	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.03%
60) 4-Bromofluorobenzene	12.376	95	80494	27.91	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.03%
63) Toluene-d8	10.061	98	247342	29.67	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.90%
Target Compounds						
15) Acetone	3.798	58	148927	500.45	ug/l	Qvalue 94
30) 2-Butanone	6.814	43	14027	11.48	ug/l	100
44) Isopropyl Acetate	8.135	43	20388	4.68	ug/l	99
82) p-Isopropyltoluene	13.264	119	18676	1.96	ug/l	100

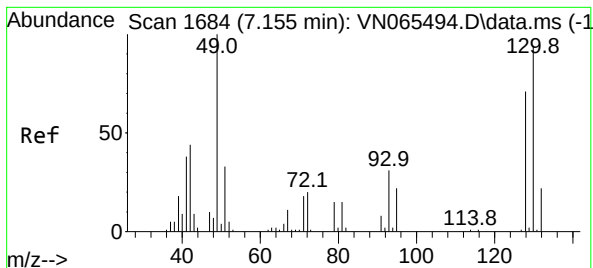
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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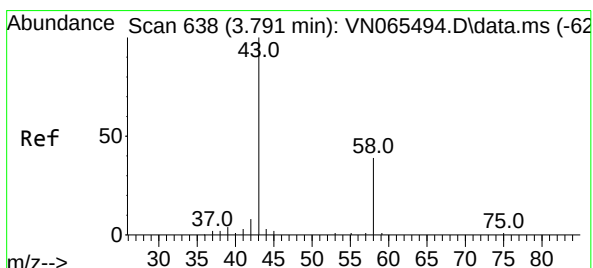
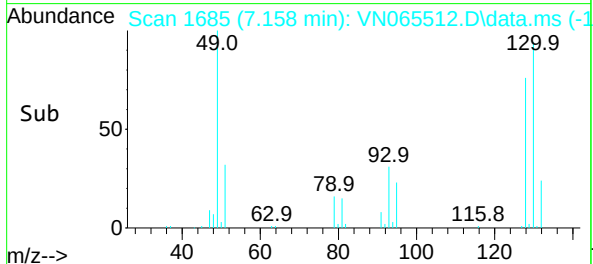
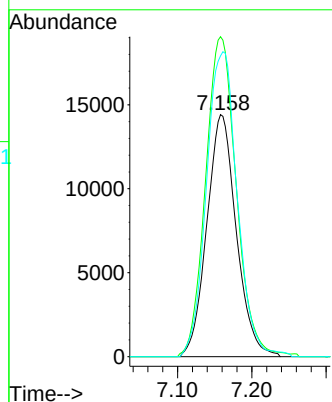
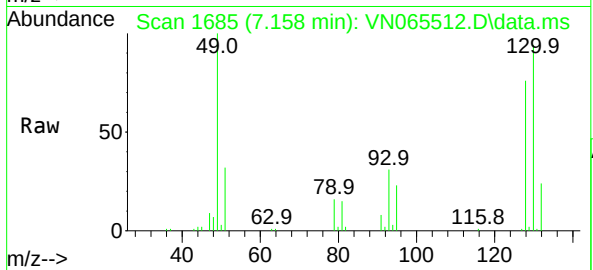




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.158 min Scan# 1685
Delta R.T. 0.003 min
Lab File: VN065512.D
Acq: 14 Jan 2021 16:21

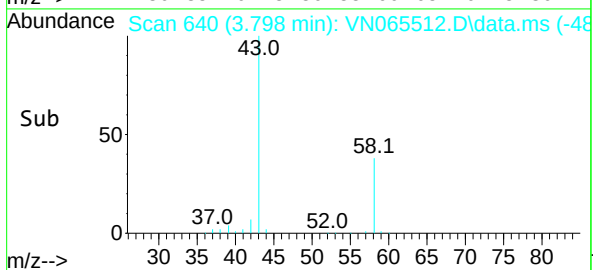
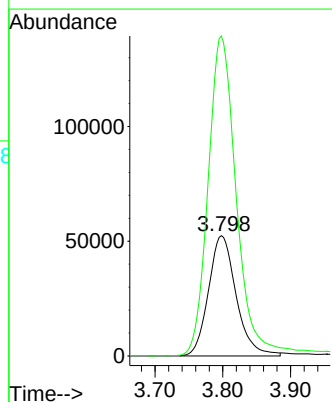
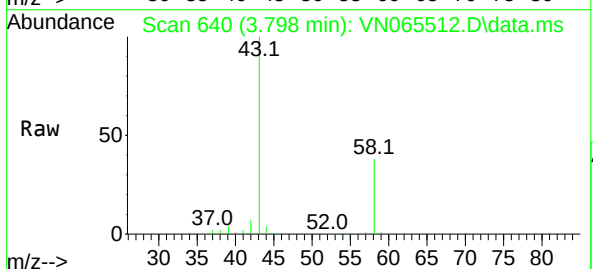
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

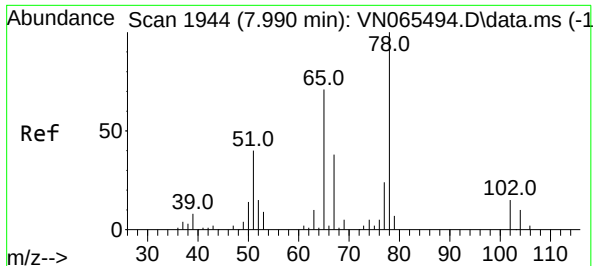
Tgt Ion:128 Resp: 39770
Ion Ratio Lower Upper
128 100
49 137.5 0.0 355.0
130 132.2 0.0 325.5



#15
Acetone
Concen: 500.45 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN065512.D
Acq: 14 Jan 2021 16:21

Tgt Ion: 58 Resp: 148927
Ion Ratio Lower Upper
58 100
43 265.4 203.4 305.0

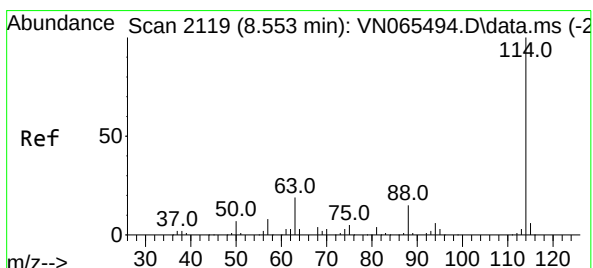
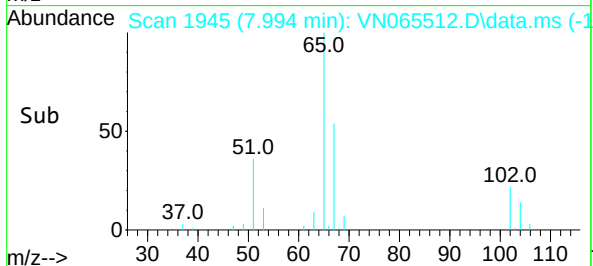
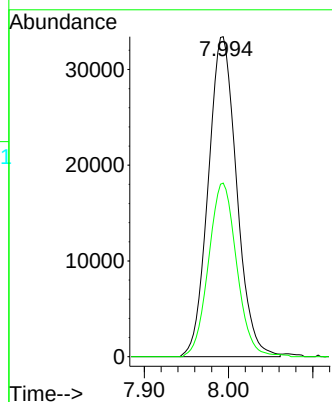
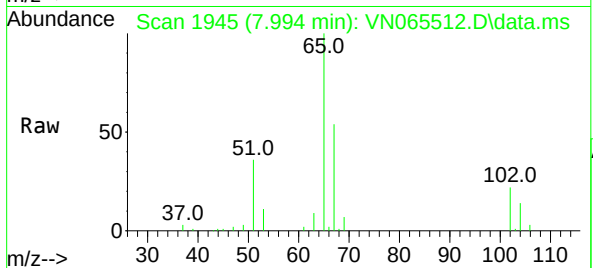




#27
1,2-Dichloroethane-d4
Concen: 31.51 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065512.D
Acq: 14 Jan 2021 16:21

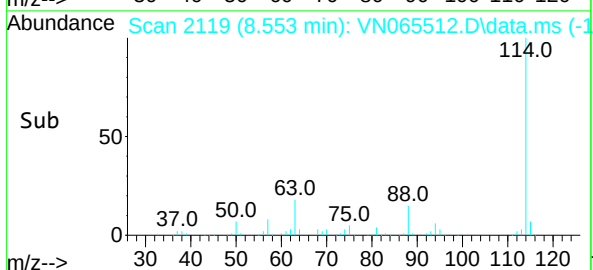
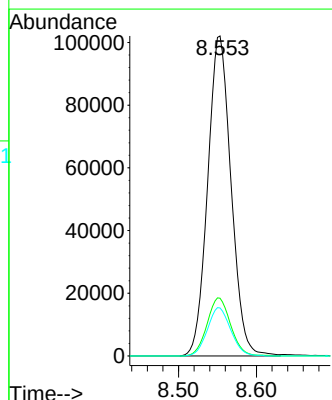
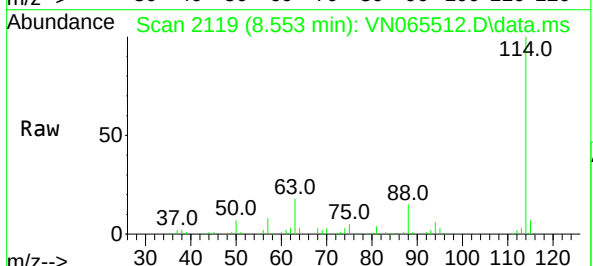
Instrument :
MSVOA_N
ClientSampleId :
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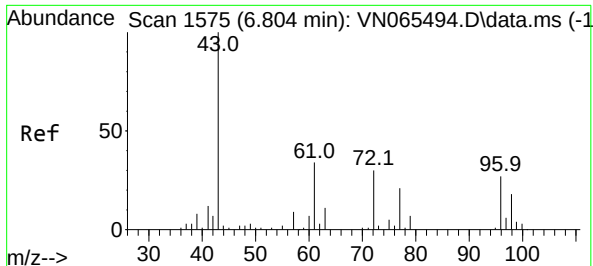
Tgt Ion: 65 Resp: 78286
Ion Ratio Lower Upper
65 100
67 53.8 42.8 64.2



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VN065512.D
Acq: 14 Jan 2021 16:21

Tgt Ion: 114 Resp: 213177
Ion Ratio Lower Upper
114 100
63 18.3 14.7 22.1
88 15.1 11.7 17.5

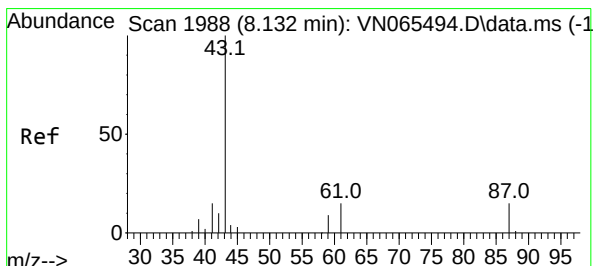
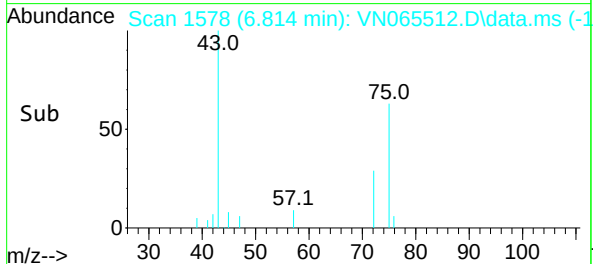
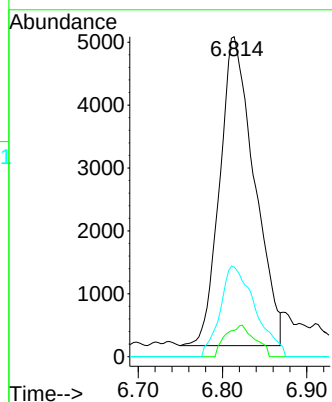
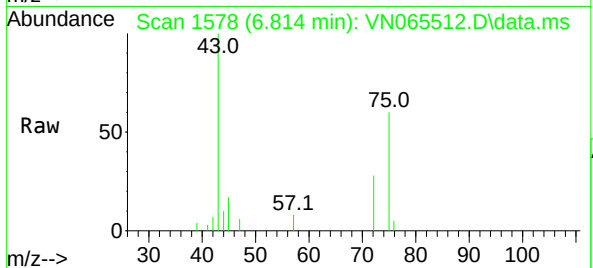




#30
2-Butanone
Concen: 11.48 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.010 min
Lab File: VN065512.D
Acq: 14 Jan 2021 16:21

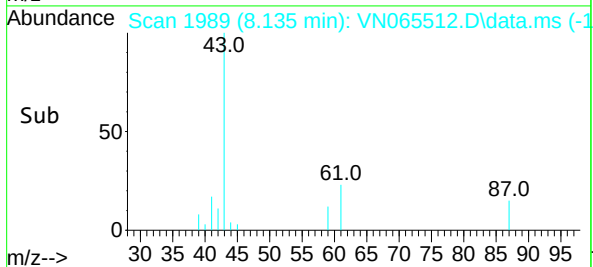
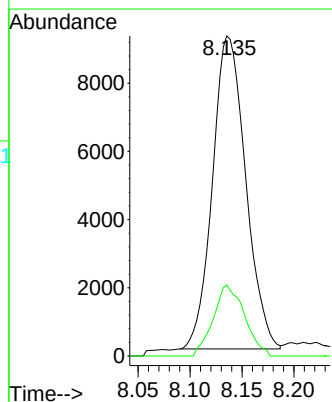
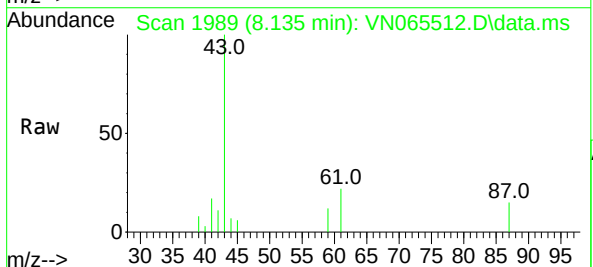
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

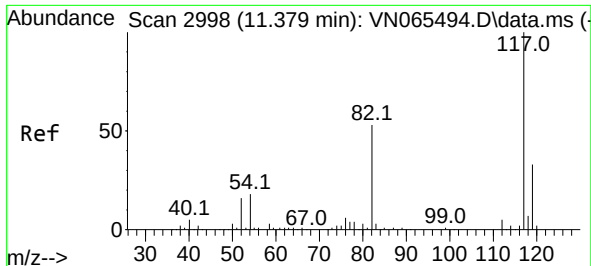
Tgt Ion: 43 Resp: 14027
Ion Ratio Lower Upper
43 100
57 8.6 7.0 10.4
72 29.7 23.6 35.4



#44
Isopropyl Acetate
Concen: 4.68 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065512.D
Acq: 14 Jan 2021 16:21

Tgt Ion: 43 Resp: 20388
Ion Ratio Lower Upper
43 100
61 21.3 16.8 25.2

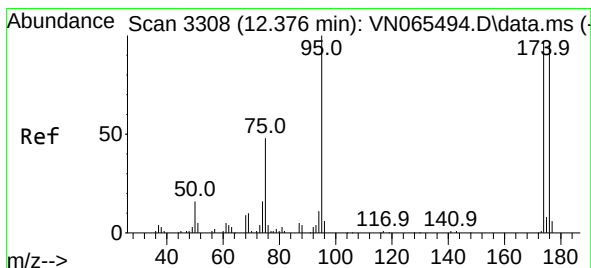
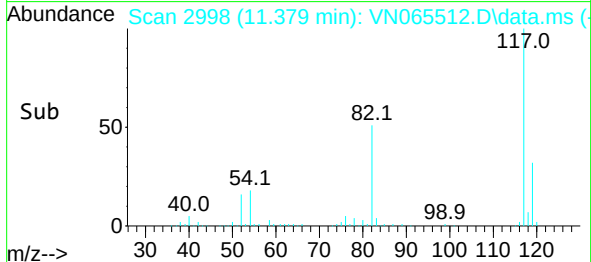
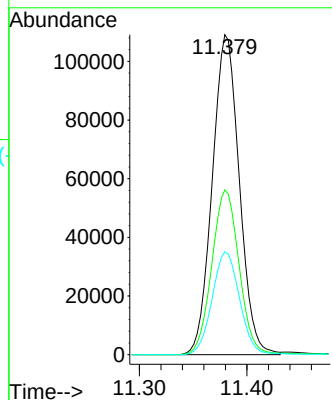
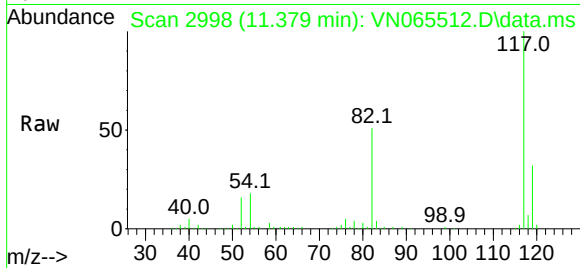




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065512.D
Acq: 14 Jan 2021 16:21

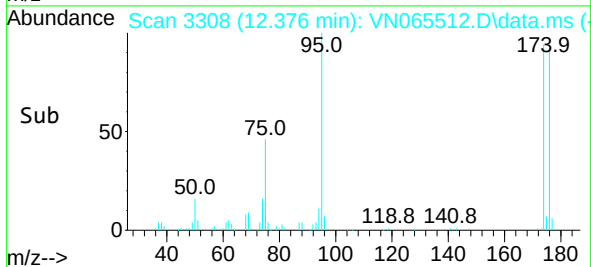
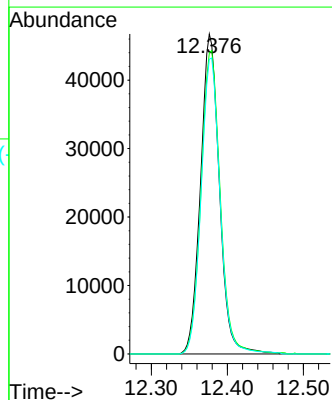
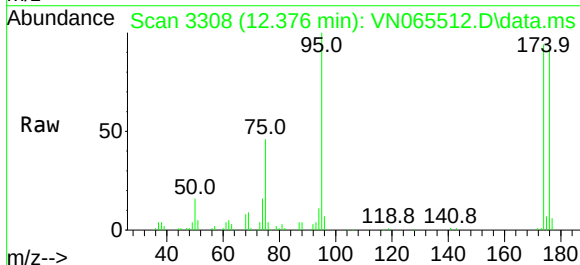
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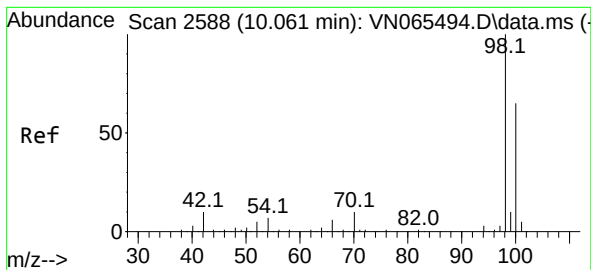
Tgt Ion:117 Resp: 190450
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.6 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 27.91 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065512.D
Acq: 14 Jan 2021 16:21

Tgt Ion: 95 Resp: 80494
Ion Ratio Lower Upper
95 100
174 96.7 77.0 115.6
176 93.4 75.8 113.6

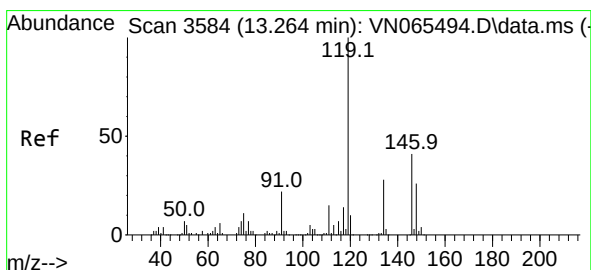
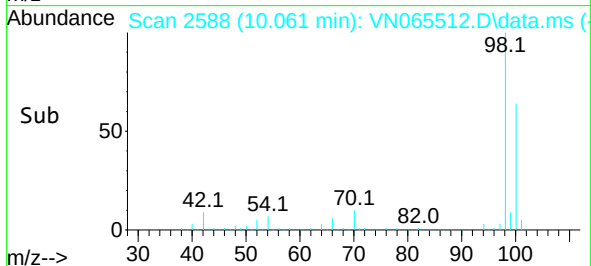
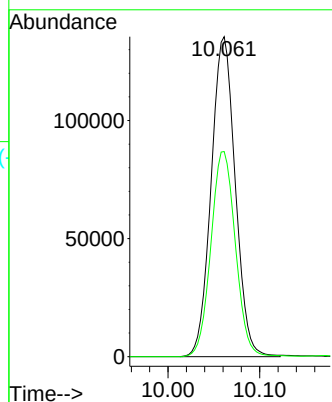
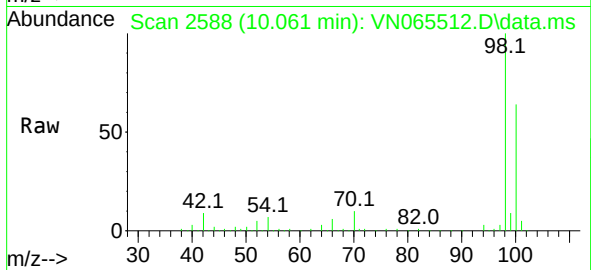




#63
Toluene-d8
Concen: 29.67 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.000 min
Lab File: VN065512.D
Acq: 14 Jan 2021 16:21

Instrument :
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Tgt Ion: 98 Resp: 247342
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#82
p-Isopropyltoluene
Concen: 1.96 ug/l
RT: 13.264 min Scan# 3584
Delta R.T. 0.000 min
Lab File: VN065512.D
Acq: 14 Jan 2021 16:21

Tgt Ion: 119 Resp: 18676
Ion Ratio Lower Upper
119 100
134 27.4 0.0 54.8
91 22.5 0.0 44.8

