

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065402.D
 Acq On : 6 Jan 2021 16:03
 Operator : JC/MD
 Sample : M1008-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 375-393

Quant Time: Jan 07 01:28:42 2021
 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)

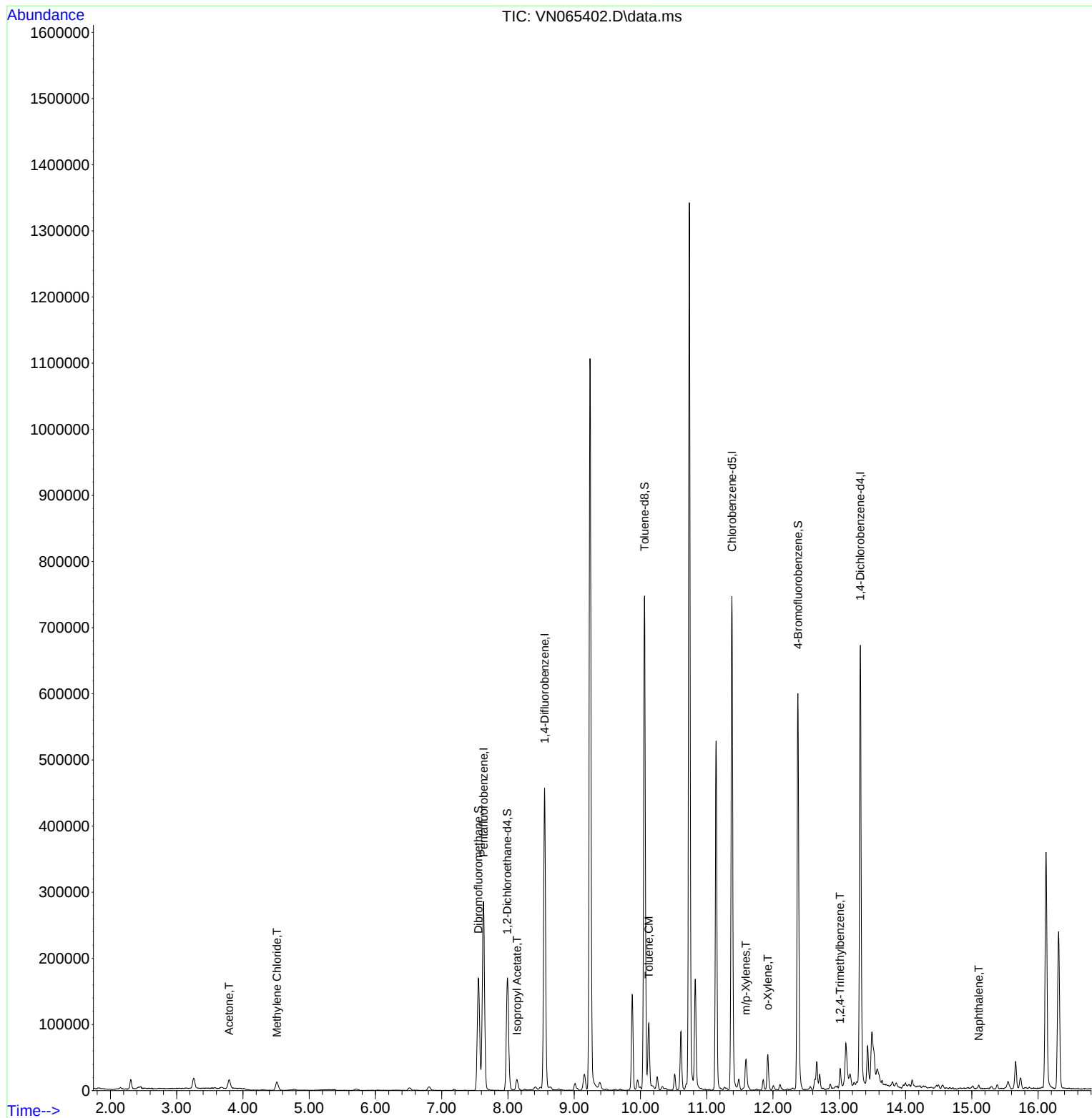
Internal Standards						
1) Pentafluorobenzene	7.630	168	258313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	428533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	465820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	204464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	146969	50.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.80%	
35) Dibromofluoromethane	7.553	113	132467	51.24	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.48%	
50) Toluene-d8	10.061	98	542583	55.99	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 111.98%	
62) 4-Bromofluorobenzene	12.376	95	214048	55.26	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 110.52%	
Target Compounds						
						Qvalue
16) Acetone	3.791	43	21555	7.16	ug/l	92
20) Methylene Chloride	4.515	84	10016	3.52	ug/l	96
43) Isopropyl Acetate	8.135	43	20762	3.12	ug/l	96
52) Toluene	10.126	92	45460	6.22	ug/l	96
68) m/p-Xylenes	11.592	106	15534	2.41	ug/l	99
69) o-Xylene	11.923	106	9283	1.49	ug/l	98
84) 1,2,4-Trimethylbenzene	13.013	105	20040	1.55	ug/l	97
95) Naphthalene	15.106	128	5352	3.84	ug/l	96

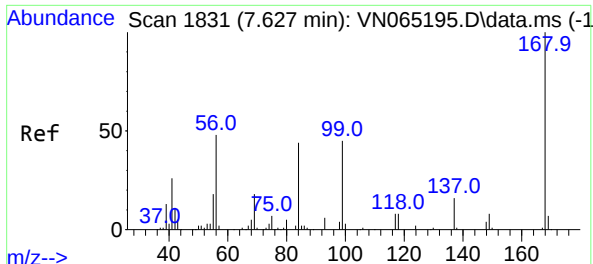
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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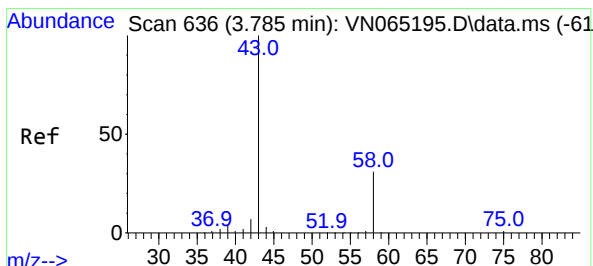
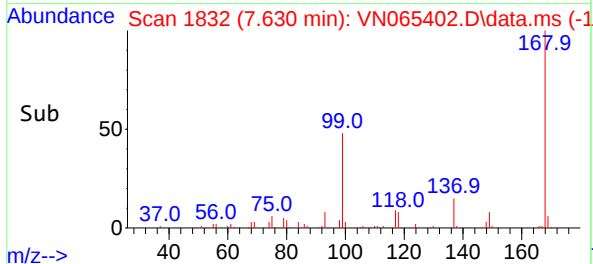
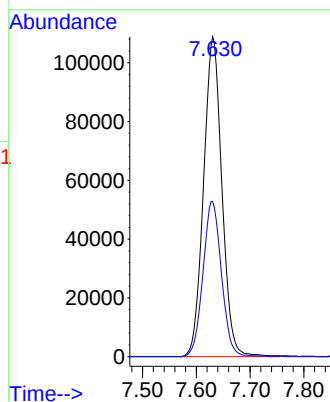
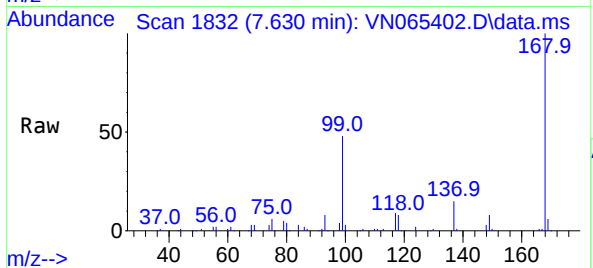




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

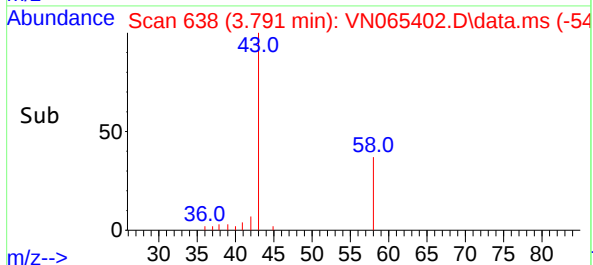
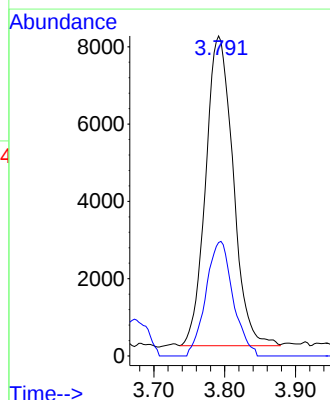
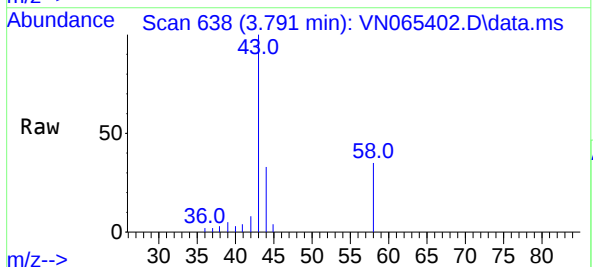
Instrument :
MSVOA_N
ClientSampled :
375-393

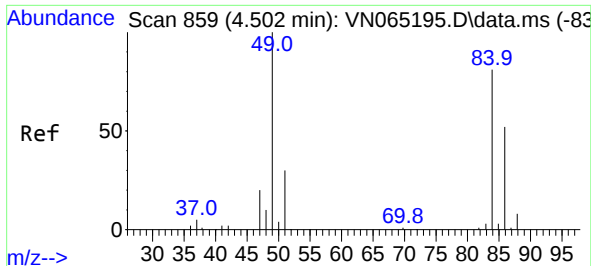
Tgt Ion:168 Resp: 258313
Ion Ratio Lower Upper
168 100
99 48.4 43.0 64.4



#16
Acetone
Concen: 7.16 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

Tgt Ion: 43 Resp: 21555
Ion Ratio Lower Upper
43 100
58 36.6 25.7 38.5





#20

Methylene Chloride

Concen: 3.52 ug/l

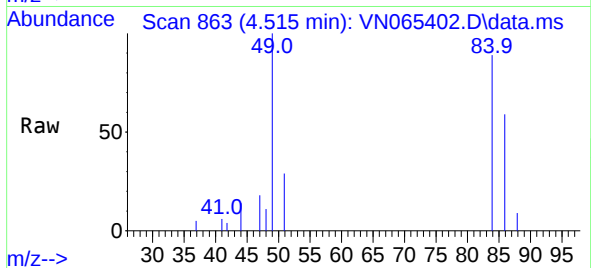
RT: 4.515 min Scan# 863

Delta R.T. 0.013 min

Lab File: VN065402.D

Acq: 6 Jan 2021 16:03

Instrument :
MSVOA_N
ClientSampled :
375-393



Tgt Ion: 84 Resp: 10016

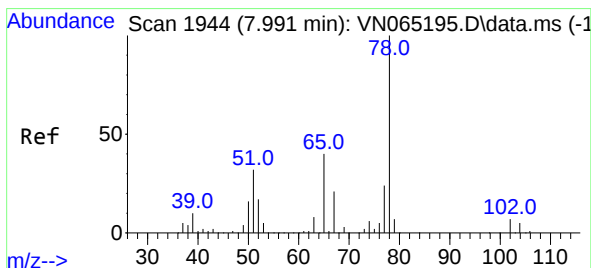
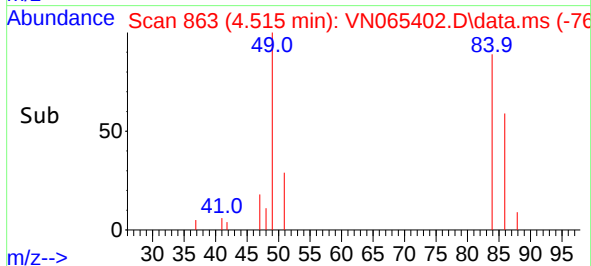
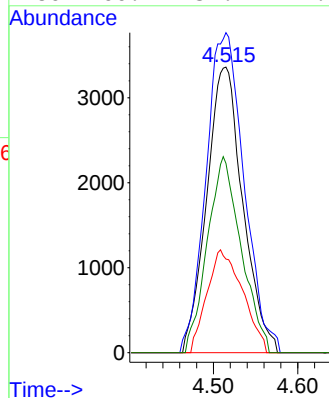
Ion Ratio Lower Upper

84 100

49 112.0 93.4 140.0

51 32.8 28.2 42.4

86 66.2 51.7 77.5



#33

1,2-Dichloroethane-d4

Concen: 50.40 ug/l

RT: 7.991 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VN065402.D

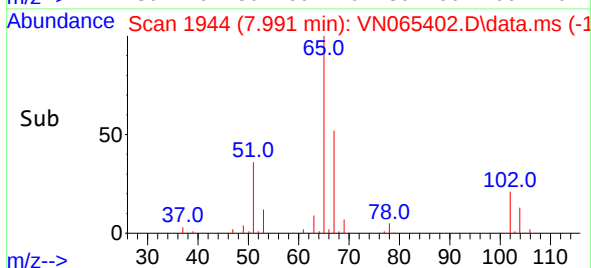
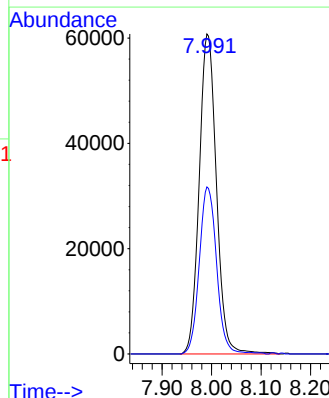
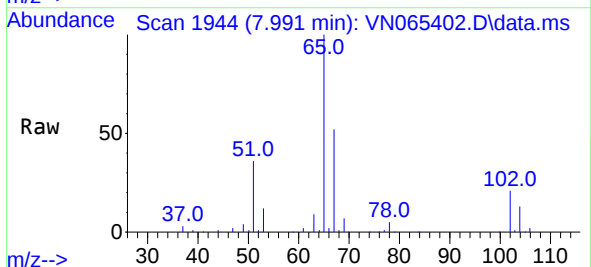
Acq: 6 Jan 2021 16:03

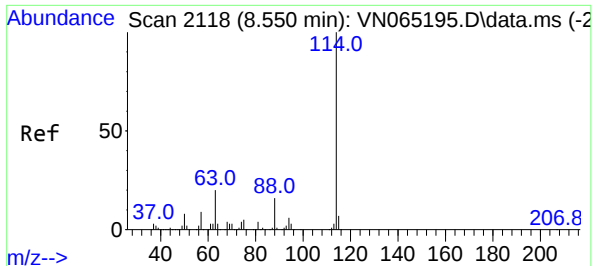
Tgt Ion: 65 Resp: 146969

Ion Ratio Lower Upper

65 100

67 52.3 0.0 108.2

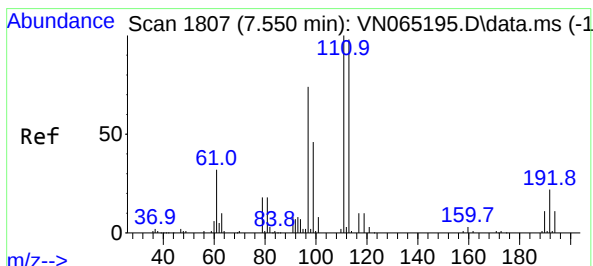
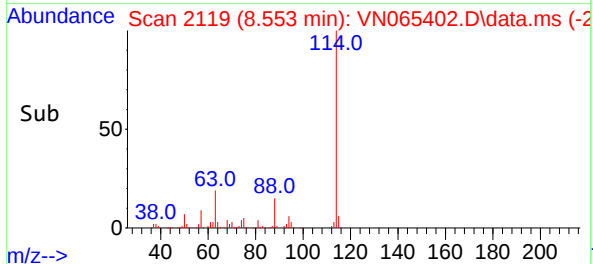
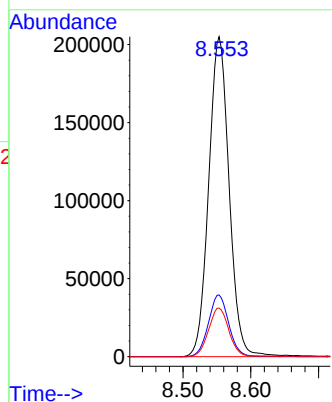
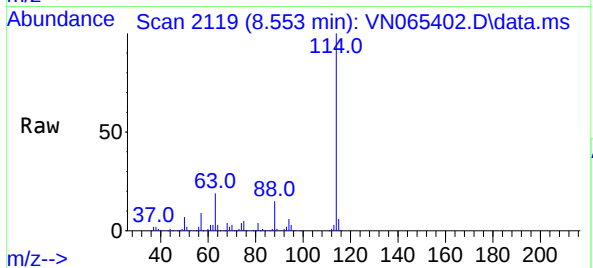




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

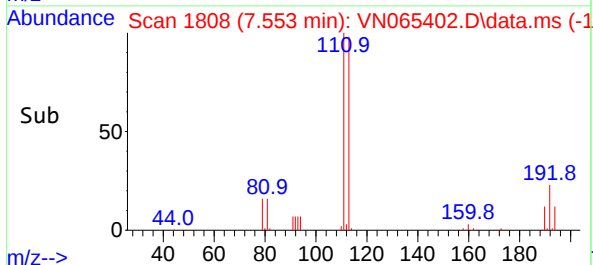
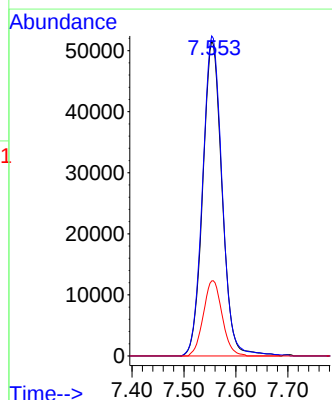
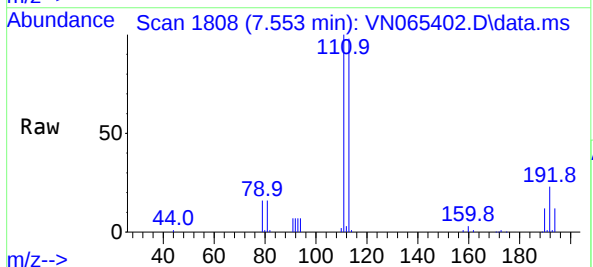
Instrument :
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375-393

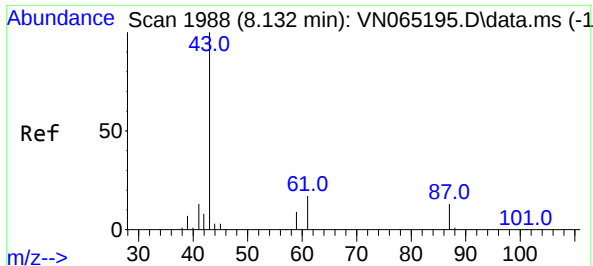
Tgt Ion:114 Resp: 428533
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.24 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

Tgt Ion:113 Resp: 132467
Ion Ratio Lower Upper
113 100
111 102.8 81.6 122.4
192 23.4 16.2 24.2

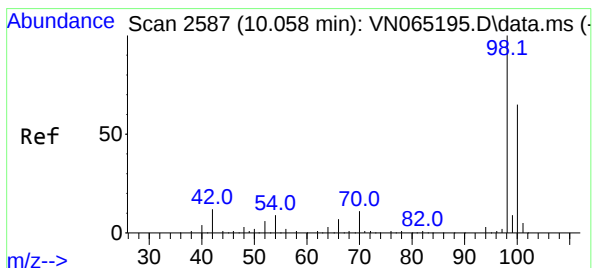
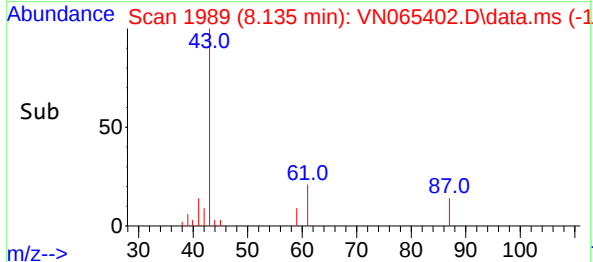
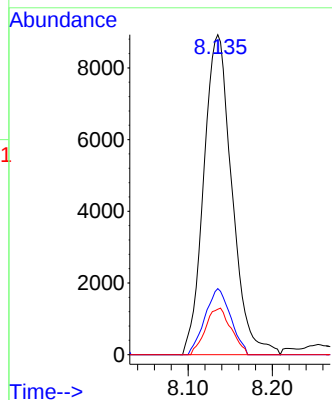
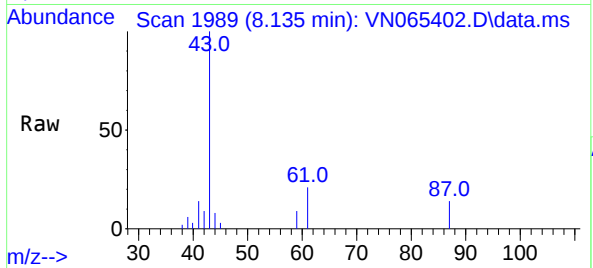




#43
Isopropyl Acetate
Concen: 3.12 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

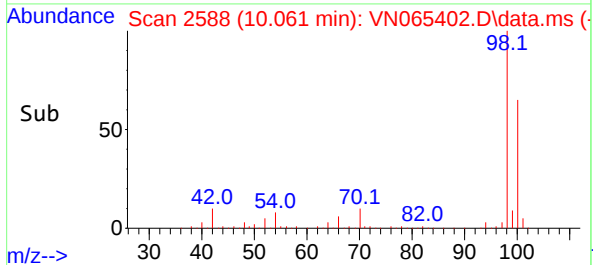
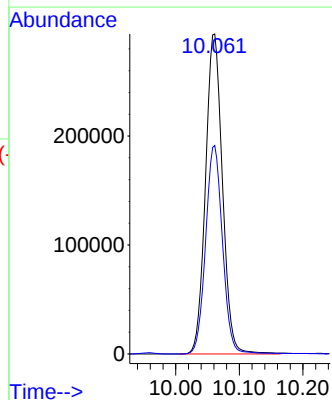
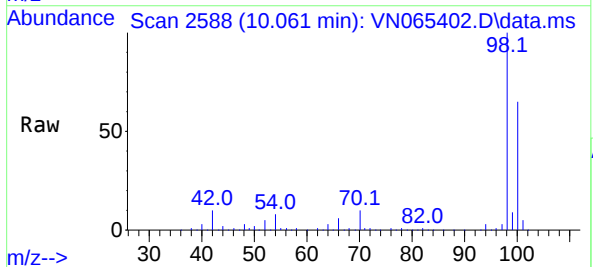
Instrument :
MSVOA_N
ClientSampled :
375-393

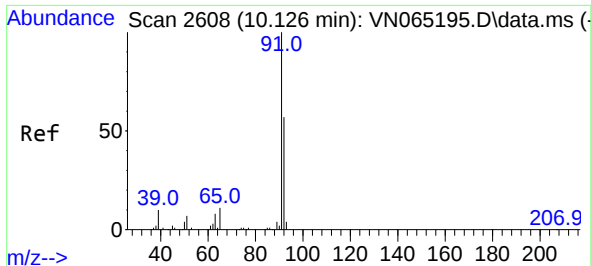
Tgt Ion: 43 Resp: 20762
Ion Ratio Lower Upper
43 100
61 18.8 17.2 25.8
87 13.2 11.4 17.0



#50
Toluene-d8
Concen: 55.99 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

Tgt Ion: 98 Resp: 542583
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

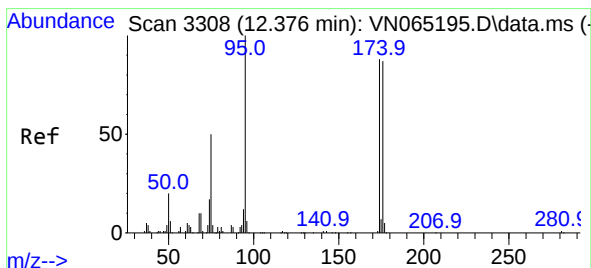
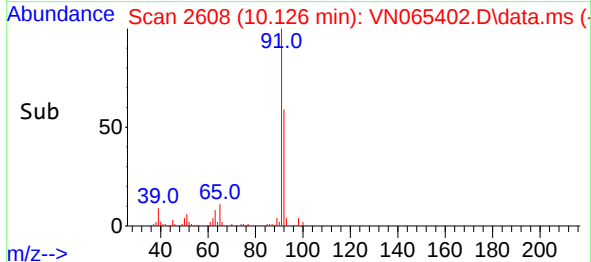
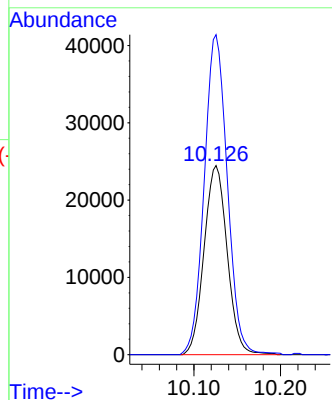
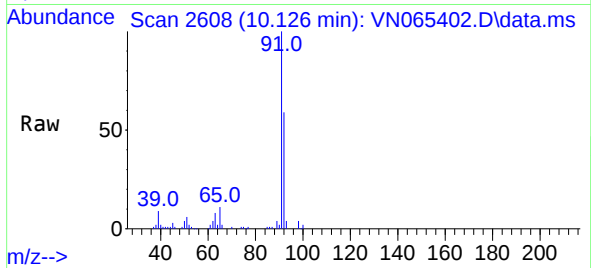




#52
Toluene
Concen: 6.22 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

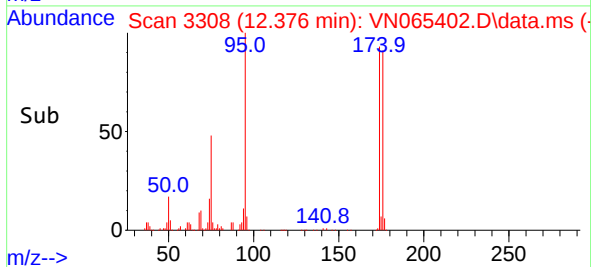
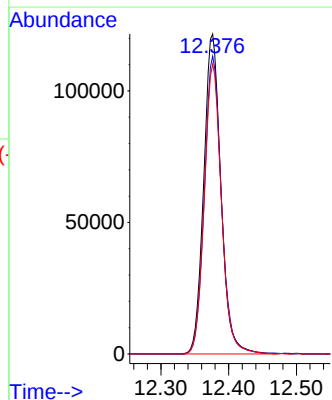
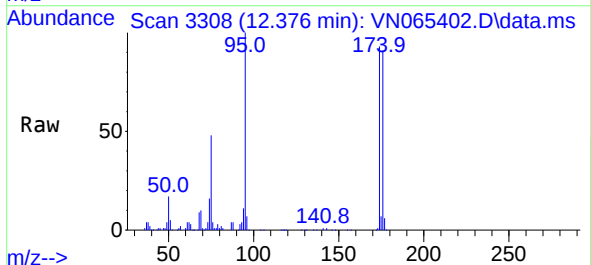
Instrument :
MSVOA_N
ClientSampled :
375-393

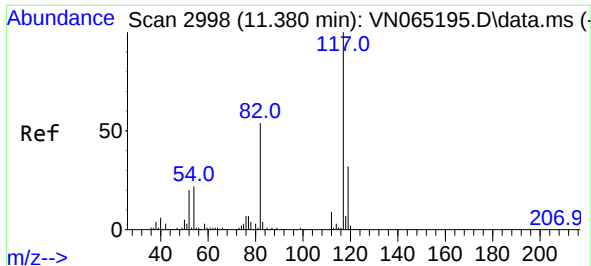
Tgt Ion: 92 Resp: 45460
Ion Ratio Lower Upper
92 100
91 168.8 139.1 208.7



#62
4-Bromofluorobenzene
Concen: 55.26 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

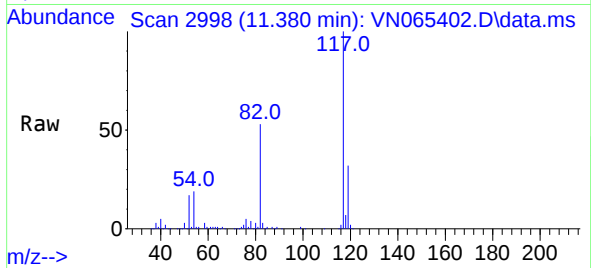
Tgt Ion: 95 Resp: 214048
Ion Ratio Lower Upper
95 100
174 92.8 0.0 160.4
176 90.1 0.0 158.4



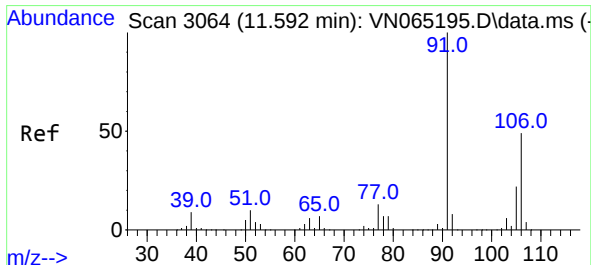
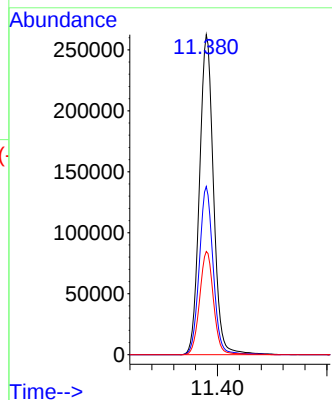
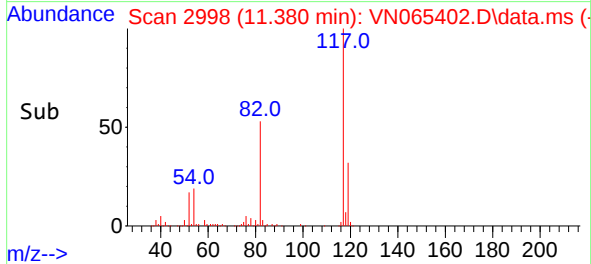


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

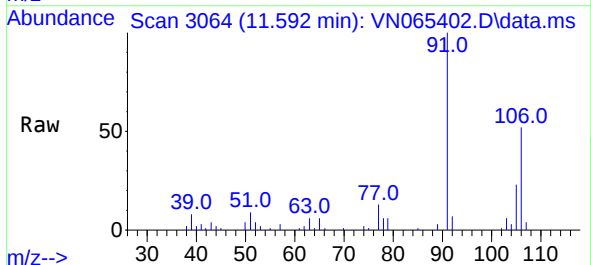
Instrument :
MSVOA_N
ClientSampled :
375-393



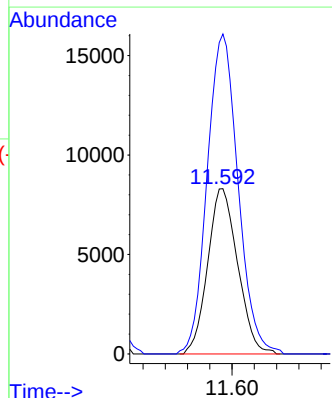
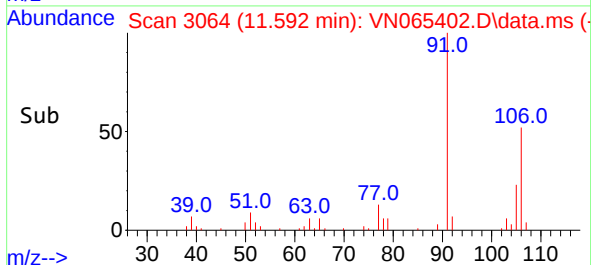
Tgt Ion:117 Resp: 465820
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.3 25.8 38.6

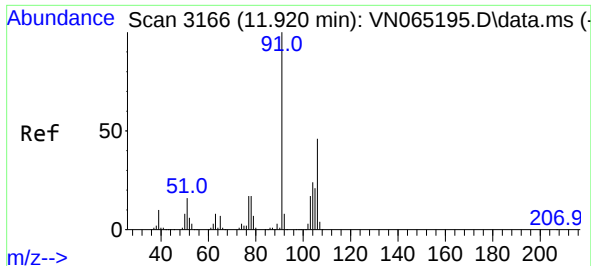


#68
m/p-Xylenes
Concen: 2.41 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03



Tgt Ion:106 Resp: 15534
Ion Ratio Lower Upper
106 100
91 199.0 161.0 241.4

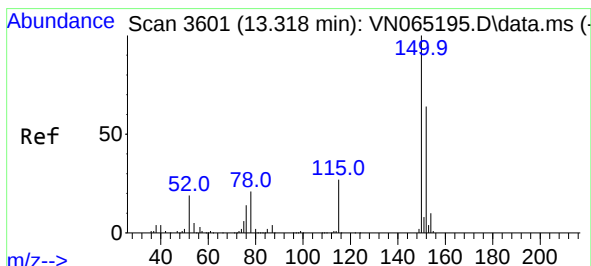
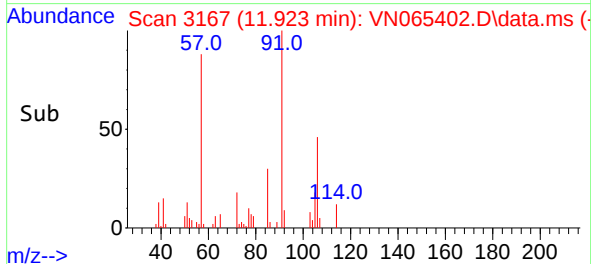
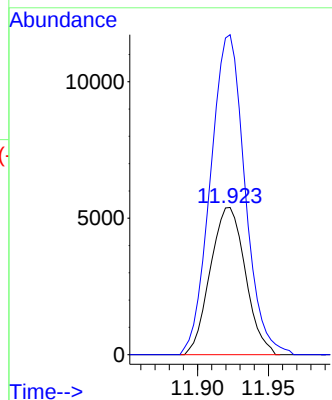
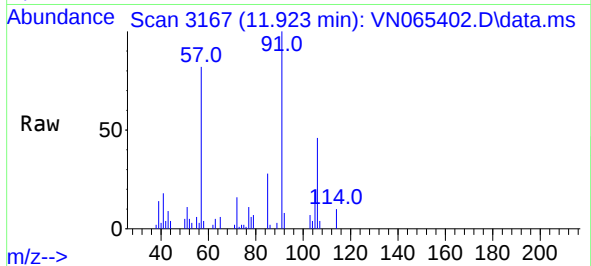




#69
o-Xylene
Concen: 1.49 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

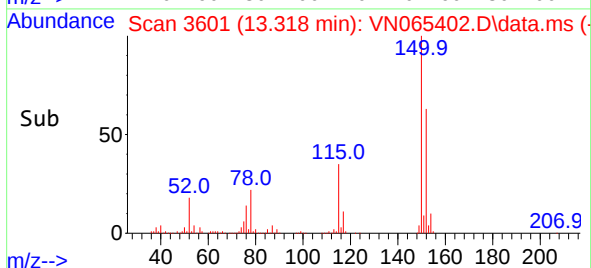
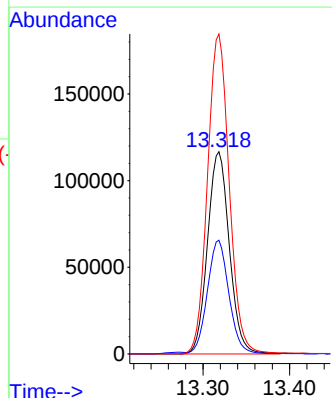
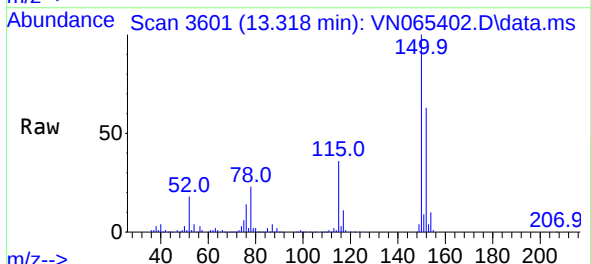
Instrument :
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375-393

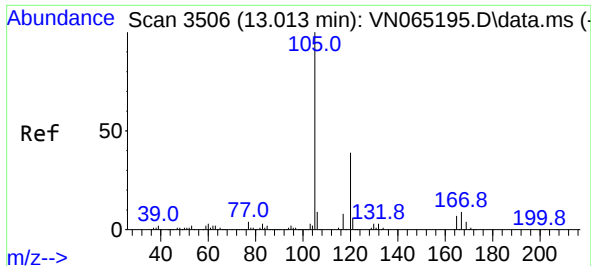
Tgt Ion:106 Resp: 9283
Ion Ratio Lower Upper
106 100
91 213.9 105.5 316.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

Tgt Ion:152 Resp: 204464
Ion Ratio Lower Upper
152 100
115 55.8 29.7 89.1
150 157.8 0.0 350.6

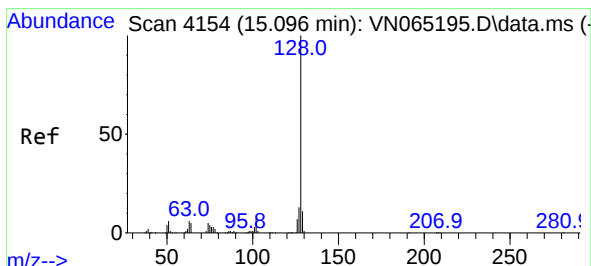
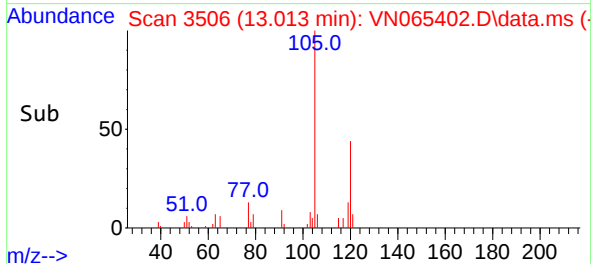
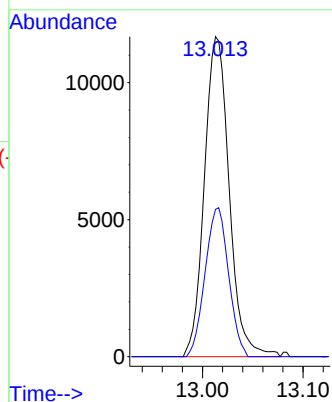
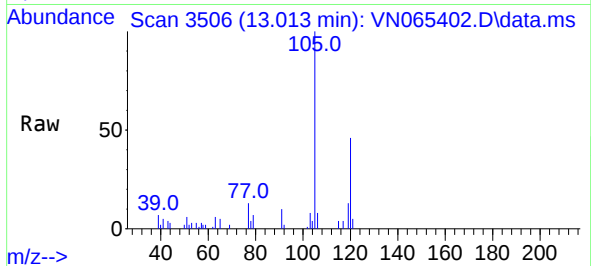




#84
1,2,4-Trimethylbenzene
Concen: 1.55 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

Instrument :
MSVOA_N
ClientSampled :
375-393

Tgt Ion:105 Resp: 20040
Ion Ratio Lower Upper
105 100
120 44.0 23.1 69.2



#95
Naphthalene
Concen: 3.84 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065402.D
Acq: 6 Jan 2021 16:03

Tgt Ion:128 Resp: 5352
Ion Ratio Lower Upper
128 100
127 11.6 10.3 15.5
129 9.2 8.7 13.1

