

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065112.D
 Acq On : 14 Dec 2020 19:52
 Operator : JC/MD
 Sample : L5040-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-1

Quant Time: Dec 15 05:53:11 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)

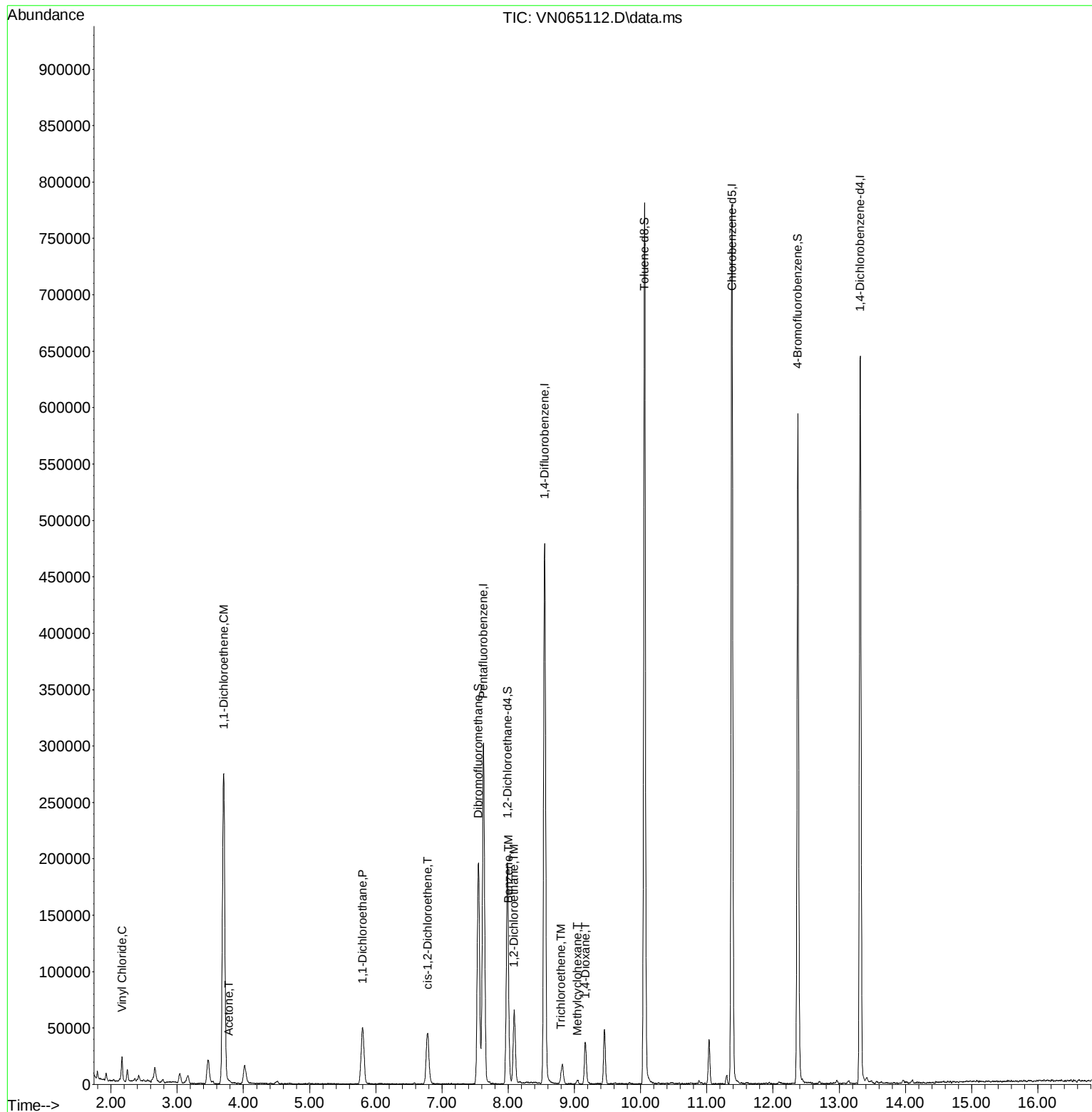
Internal Standards						
1) Pentafluorobenzene	7.627	168	255753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	435609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	458262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	189939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	165332	56.23	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.46%			
35) Dibromofluoromethane	7.550	113	147698	48.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.56%			
50) Toluene-d8	10.058	98	545786	50.97	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.94%			
62) 4-Bromofluorobenzene	12.376	95	192676	52.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.50%			
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.164	62	16581	6.99	ug/l	92
12) 1,1-Dichloroethene	3.701	96	148785	63.18	ug/l	96
16) Acetone	3.779	43	3102	2.83	ug/l #	81
24) 1,1-Dichloroethane	5.798	63	76128	16.64	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	28299	10.15	ug/l	89
39) Methylcyclohexane	9.045	83	1443	0.32	ug/l #	82
40) Benzene	8.003	78	6371	0.52	ug/l #	87
42) 1,2-Dichloroethane	8.087	62	11881	2.70	ug/l	86
44) Trichloroethene	8.794	130	3050	0.84	ug/l	73
49) 1,4-Dioxane	9.167	88	28497	682.23	ug/l	97

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

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Instrument :
MSVOA_N
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DUP-1

Quant Time: Dec 15 05:53:11 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



Abundance Scan 1831 (7.627 min): VN065092.D\data.ms (-1811) (-)

Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Instrument :
MSVOA_N
ClientSampled :
DUP-1

Ref 50 37.0 56.0 84.0 118.0 137.0 168.1

m/z-->

Tgt Ion:168 Resp: 255753
Ion Ratio Lower Upper
168 100
99 49.8 43.0 64.4

Abundance Scan 1831 (7.627 min): VN065112.D\data.ms

Raw 50 36.0 55.1 75.0 99.0 118.0 137.1 168.1

m/z-->

Abundance

100000 80000 60000 40000 20000 0

7.627

7.50 7.60 7.70

Time-->

Abundance Scan 1831 (7.627 min): VN065112.D\data.ms (-1738) (-)

Sub 50 36.0 55.1 75.0 99.0 118.0 137.1 168.1

m/z-->

Abundance Scan 132 (2.165 min): VN065092.D\data.ms (-1207) (-)

Vinyl Chloride
Concen: 6.99 ug/l
RT: 2.164 min Scan# 132
Delta R.T. -0.001 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion: 62 Resp: 16581
Ion Ratio Lower Upper
62 100
64 37.6 26.5 39.7

Ref 50 36.9 62.0 207.0

m/z-->

Abundance Scan 132 (2.164 min): VN065112.D\data.ms

Raw 50 36.9 62.0 207.0

m/z-->

Abundance

10000 8000 6000 4000 2000 0

2.164

2.10 2.15 2.20

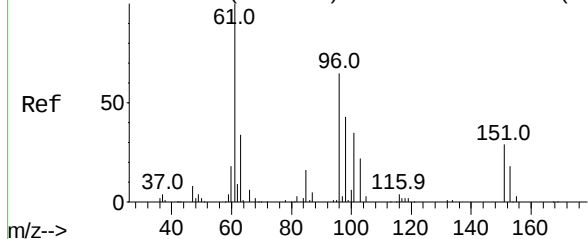
Time-->

Abundance Scan 132 (2.164 min): VN065112.D\data.ms (-39) (-)

Sub 50 36.9 62.0 207.0

m/z-->

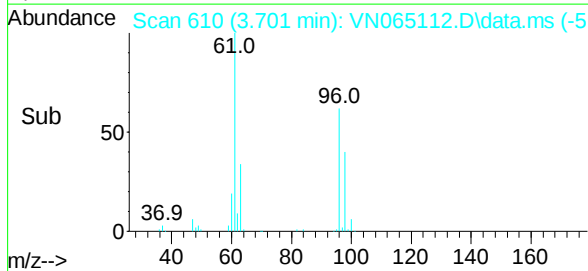
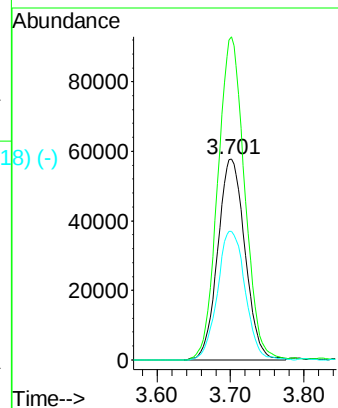
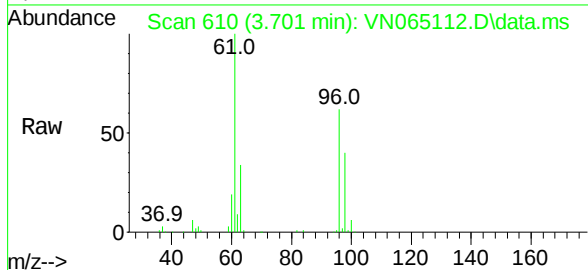
Abundance Scan 611 (3.705 min): VN065092.D\data.ms (-591) #12



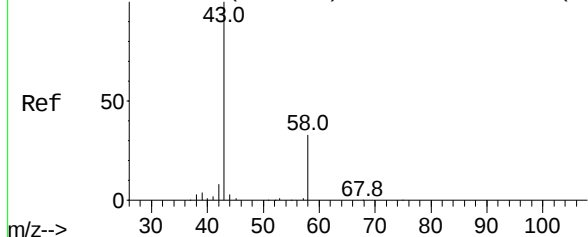
1,1-Dichloroethene
Concen: 63.18 ug/l
RT: 3.701 min Scan# 610
Delta R.T. -0.004 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Instrument :
MSVOA_N
ClientSampled :
DUP-1

Tgt Ion:	96	Resp:	148785
Ion	Ratio	Lower	Upper
96	100		
61	160.7	123.4	185.2
98	63.9	49.8	74.8

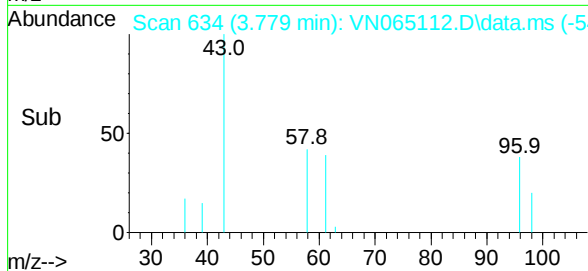
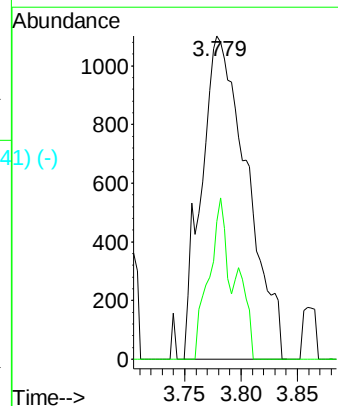
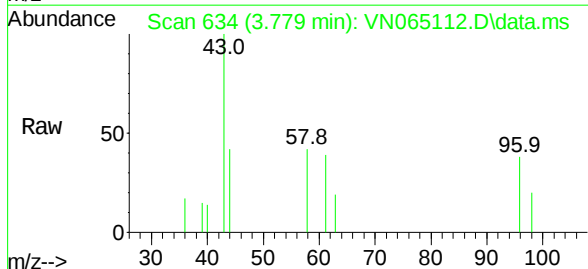


Abundance Scan 634 (3.779 min): VN065092.D\data.ms (-606) #16

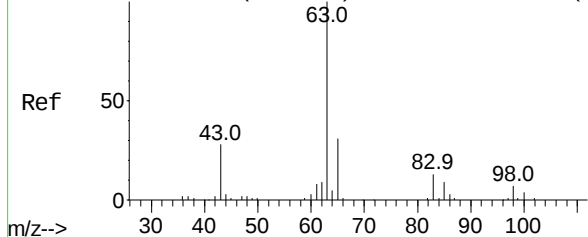


Acetone
Concen: 2.83 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion:	43	Resp:	3102
Ion	Ratio	Lower	Upper
43	100		
58	42.5	25.7	38.5#



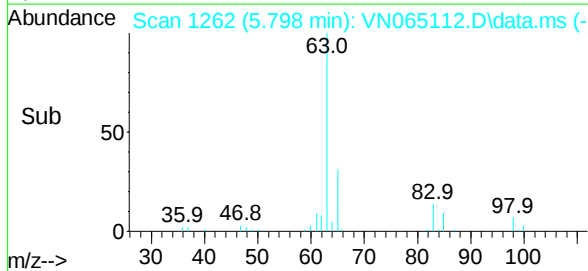
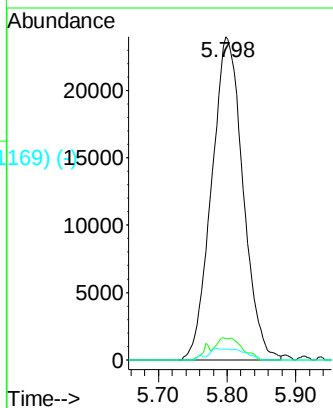
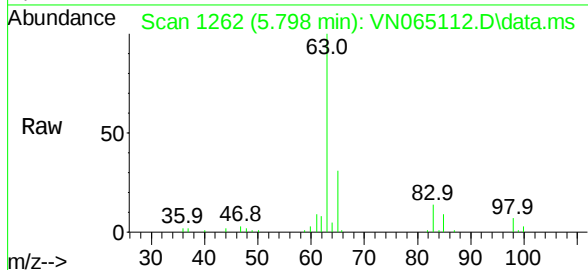
Abundance Scan 1262 (5.798 min): VN065092.D\data.ms (-12374-)



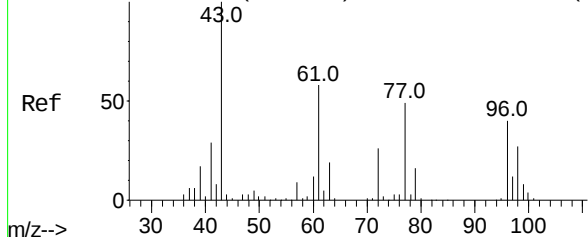
1,1-Dichloroethane
Concen: 16.64 ug/l
RT: 5.798 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Instrument :
MSVOA_N
ClientSampled :
DUP-1

Tgt Ion:	63	Resp:	76128
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.5	10.5
100	3.4	2.3	6.8

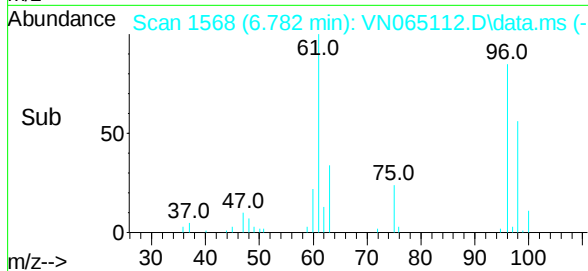
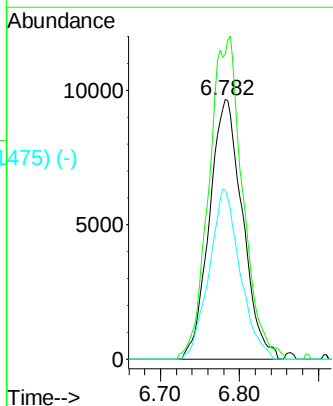
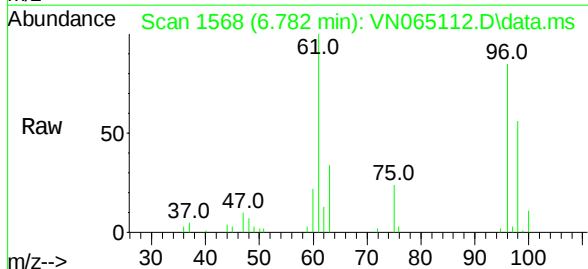


Abundance Scan 1568 (6.782 min): VN065092.D\data.ms (-15427-)

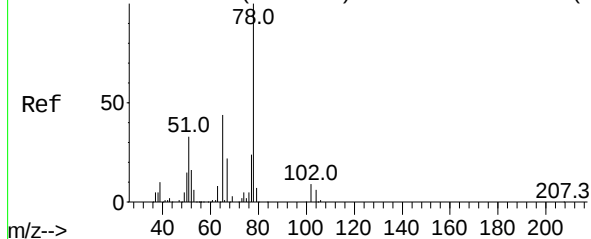


cis-1,2-Dichloroethene
Concen: 10.15 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion:	96	Resp:	28299
Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	285.8
98	61.4	0.0	130.6



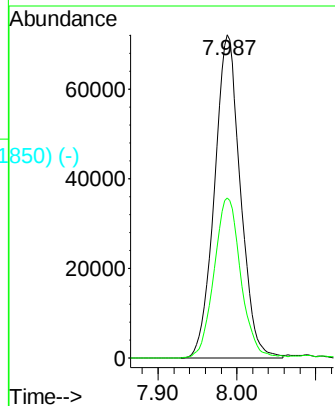
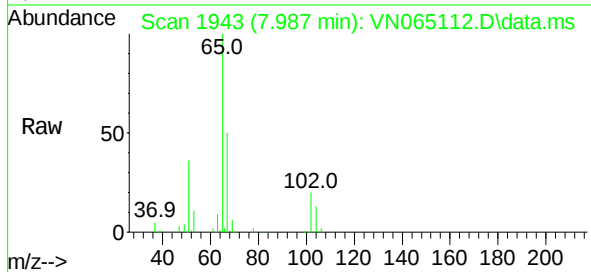
Abundance Scan 1943 (7.987 min): VN065092.D\data.ms (-1925) (-)



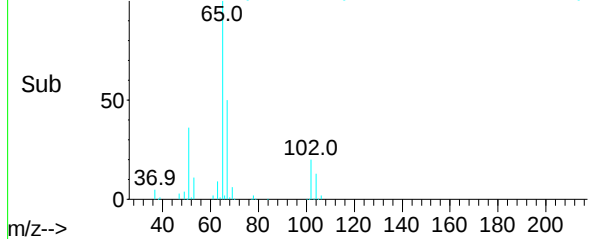
1,2-Dichloroethane-d4
Concen: 56.23 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Instrument :
MSVOA_N
ClientSampled :
DUP-1

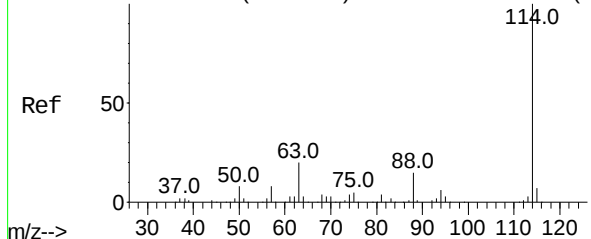
Tgt Ion: 65 Resp: 165332
Ion Ratio Lower Upper
65 100
67 51.3 0.0 108.2



Abundance Scan 1943 (7.987 min): VN065112.D\data.ms (-1850) (-)

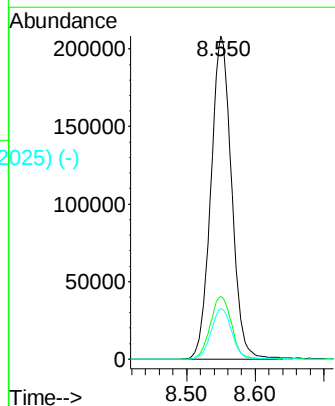
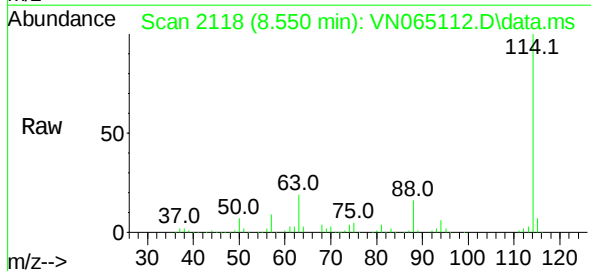


Abundance Scan 2118 (8.550 min): VN065092.D\data.ms (-2100) (-)

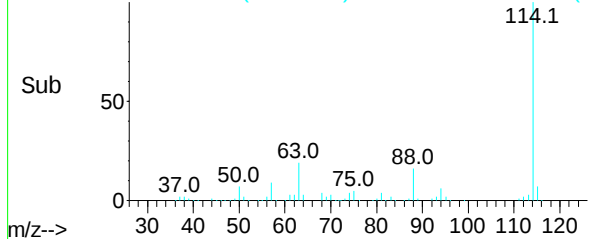


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

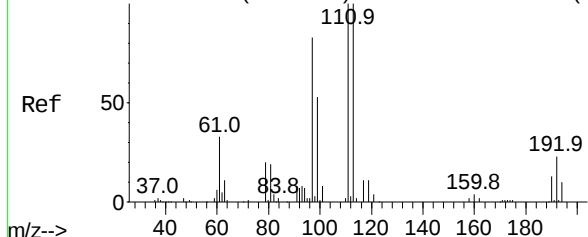
Tgt Ion:114 Resp: 435609
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.5 0.0 32.6



Abundance Scan 2118 (8.550 min): VN065112.D\data.ms (-2025) (-)



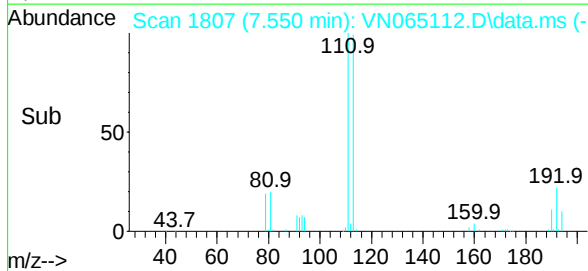
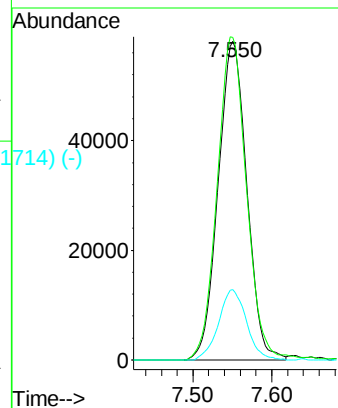
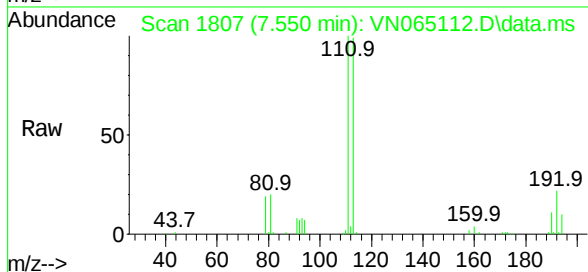
Abundance Scan 1807 (7.550 min): VN065092.D\data.ms (-1785-)



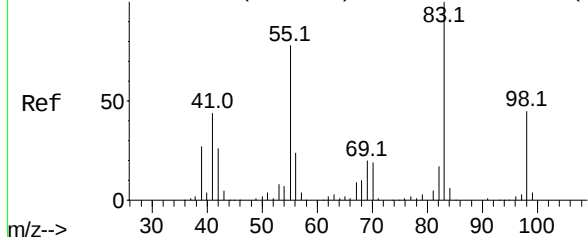
Dibromofluoromethane
Concen: 48.78 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Tgt Ion:	113	Resp:	147698
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.6	122.4
192	21.5	16.2	24.2

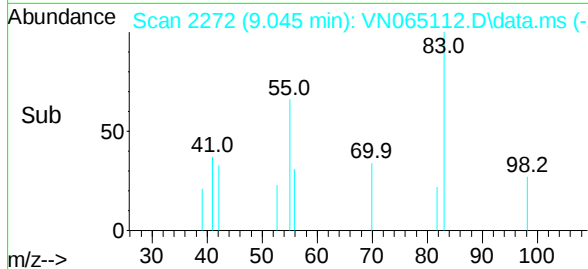
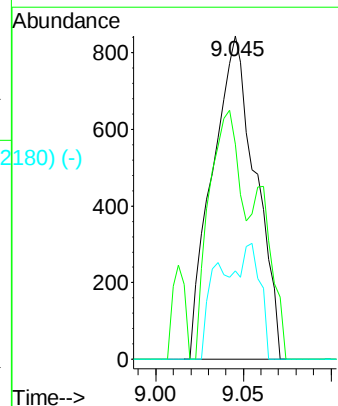
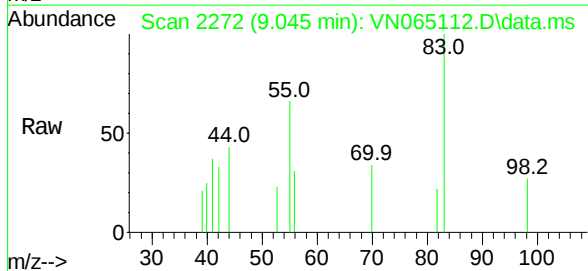


Abundance Scan 2273 (9.049 min): VN065092.D\data.ms (-2254-)

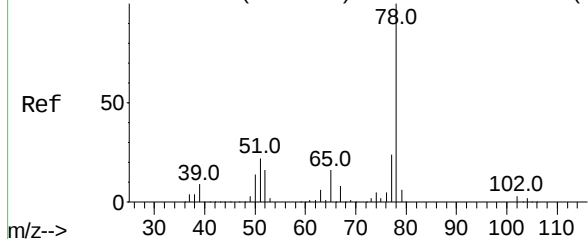


Methylcyclohexane
Concen: 0.32 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. -0.004 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion:	83	Resp:	1443
Ion	Ratio	Lower	Upper
83	100		
55	66.5	60.2	90.2
98	27.3	37.4	56.2#



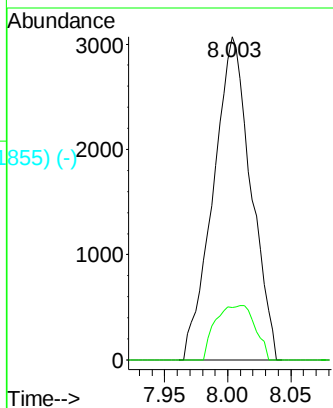
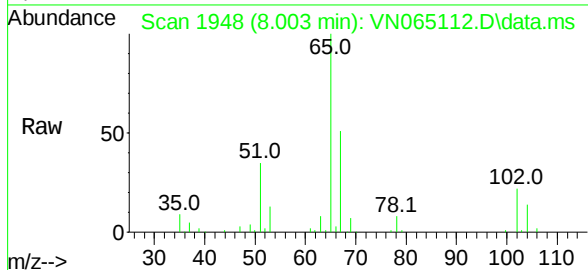
Abundance Scan 1948 (8.004 min): VN065092.D\data.ms (-1928) (-)



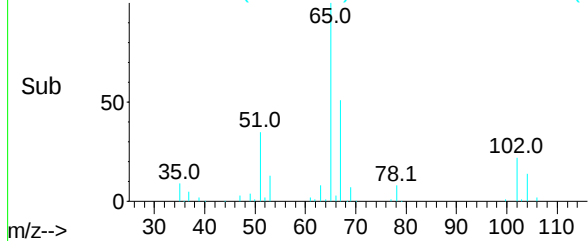
Benzene
Concen: 0.52 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Instrument :
MSVOA_N
ClientSampled :
DUP-1

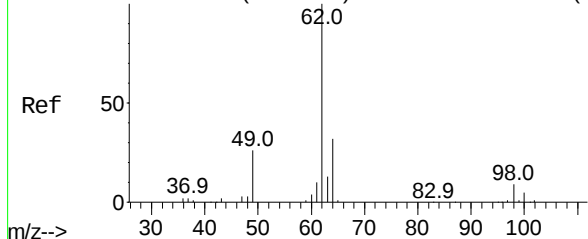
Tgt Ion: 78 Resp: 6371
Ion Ratio Lower Upper
78 100
77 16.3 17.9 26.9#



Abundance Scan 1948 (8.003 min): VN065112.D\data.ms (-1855) (-)

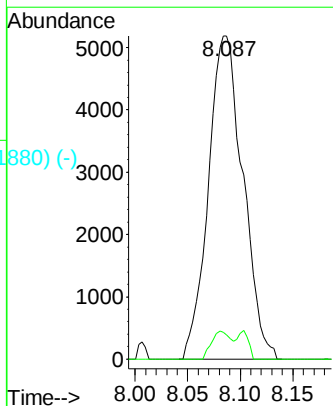
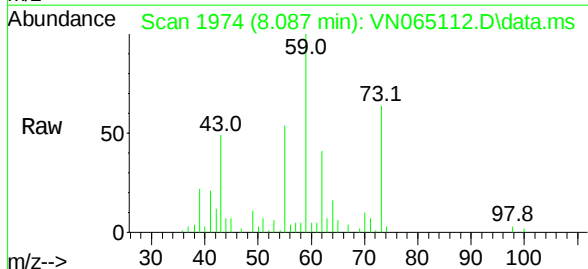


Abundance Scan 1973 (8.084 min): VN065092.D\data.ms (-1956) (-)

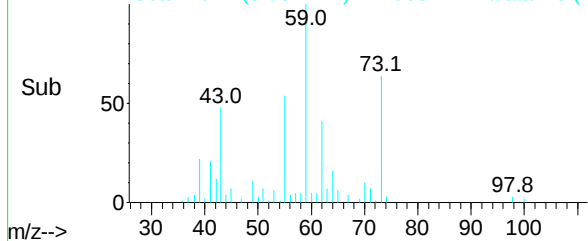


1,2-Dichloroethane
Concen: 2.70 ug/l
RT: 8.087 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

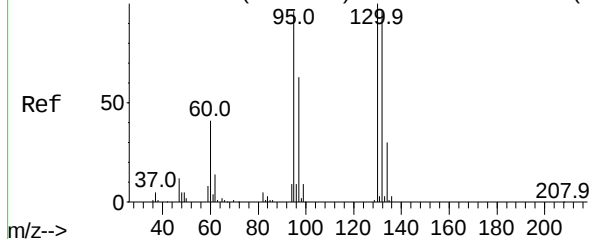
Tgt Ion: 62 Resp: 11881
Ion Ratio Lower Upper
62 100
98 4.8 0.0 19.6



Abundance Scan 1974 (8.087 min): VN065112.D\data.ms (-1880) (-)



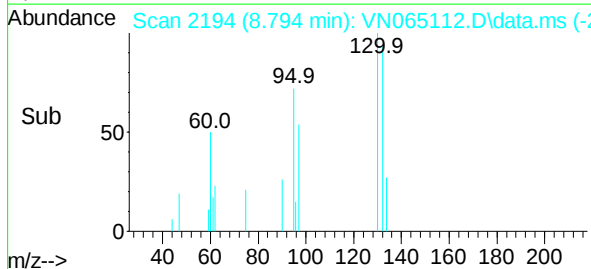
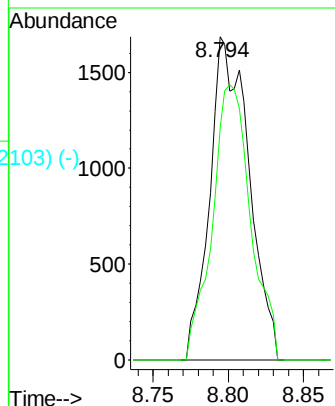
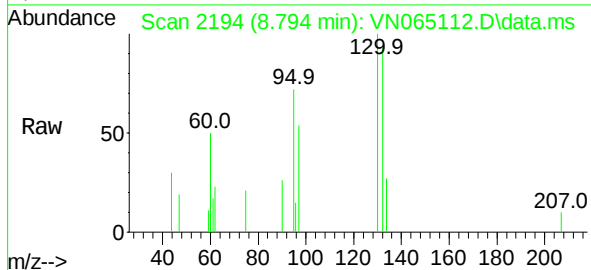
Abundance Scan 2196 (8.801 min): VN065092.D\data.ms (-2103) (-)



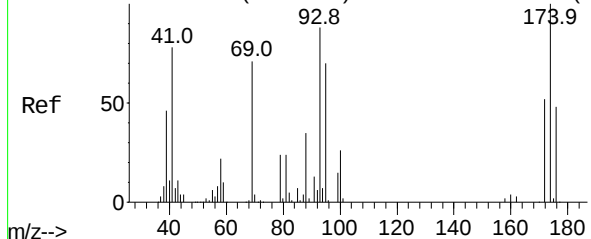
Trichloroethene
Concen: 0.84 ug/l
RT: 8.794 min Scan# 2194
Delta R.T. -0.007 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Instrument :
MSVOA_N
ClientSampled :
DUP-1

Tgt Ion:130 Resp: 3050
Ion Ratio Lower Upper
130 100
95 71.8 0.0 197.8

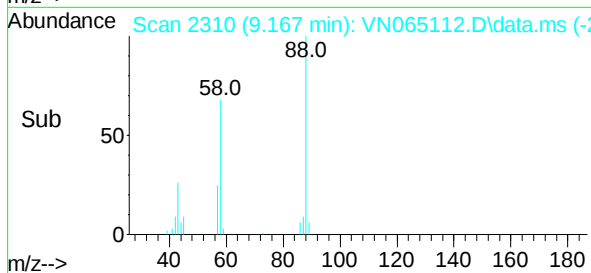
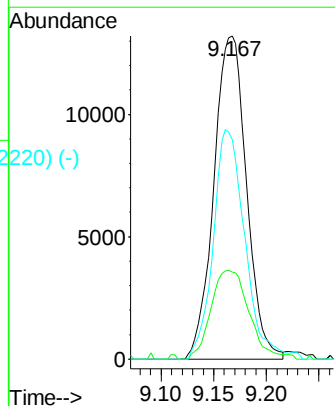
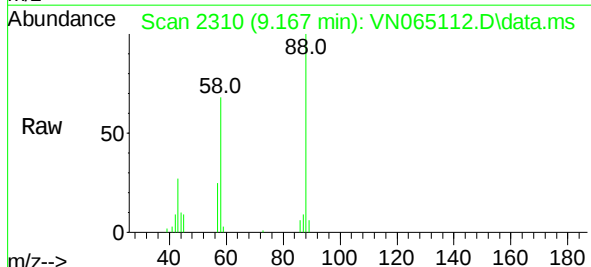


Abundance Scan 2313 (9.177 min): VN065092.D\data.ms (-2299) (-)



1,4-Dioxane
Concen: 682.23 ug/l
RT: 9.167 min Scan# 2310
Delta R.T. -0.010 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

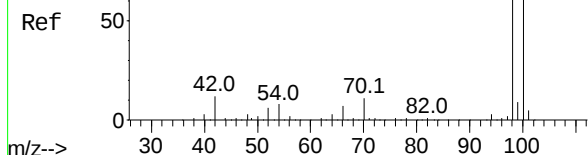
Tgt Ion: 88 Resp: 28497
Ion Ratio Lower Upper
88 100
43 32.0 24.2 36.4
58 68.4 52.5 78.7



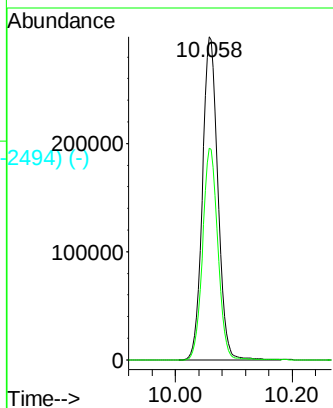
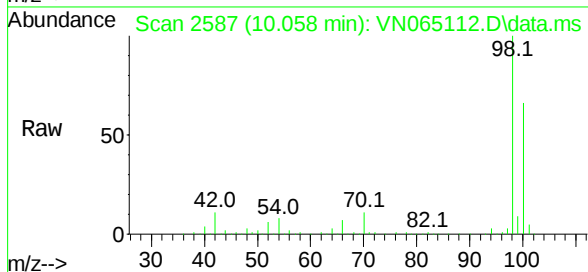
Abundance Scan 2587 (10.058 min): VN065092.D\data.ms (-2550) (-)

Toluene-d8
Concen: 50.97 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

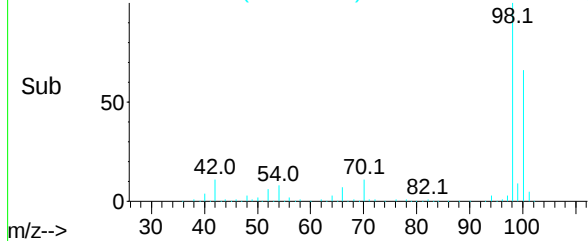
Instrument :
MSVOA_N
ClientSampled :
DUP-1



Tgt Ion: 98 Resp: 545786
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

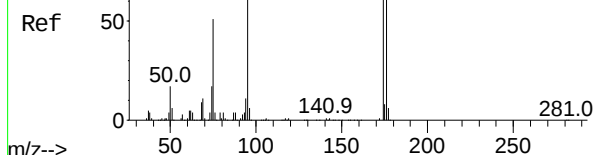


Abundance Scan 2587 (10.058 min): VN065112.D\data.ms (-2494) (-)

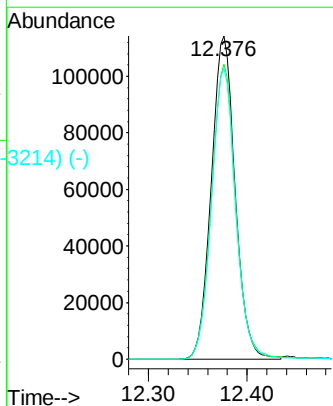
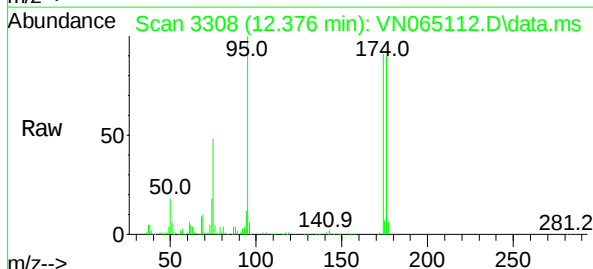


Abundance Scan 3307 (12.373 min): VN065092.D\data.ms (-3252) (-)

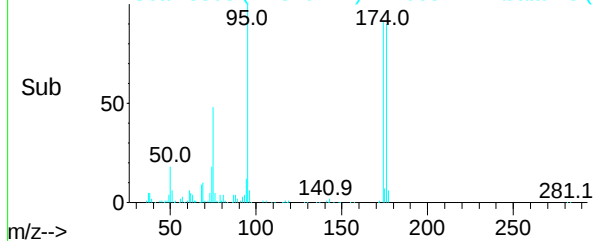
4-Bromofluorobenzene
Concen: 52.25 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52



Tgt Ion: 95 Resp: 192676
Ion Ratio Lower Upper
95 100
174 93.3 0.0 160.4
176 90.9 0.0 158.4



Abundance Scan 3308 (12.376 min): VN065112.D\data.ms (-3214) (-)



Abundance Scan 2998 (11.380 min): VN065092.D\data.ms (-2998) (-)

Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Instrument :
MSVOA_N
ClientSampled :
DUP-1

Ref 50 117.1

m/z--> 40 60 80 100 120 140 160 180 200

Tgt Ion:117 Resp: 458262
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 33.0 25.8 38.6

Abundance Scan 2998 (11.380 min): VN065112.D\data.ms

Raw 50 117.1

m/z--> 40 60 80 100 120 140 160 180 200

Abundance

250000 11.380

200000

150000

100000

50000

0

Time--> 11.30 11.40

Abundance Scan 2998 (11.380 min): VN065112.D\data.ms (-2905) (-)

Sub 50 117.1

m/z--> 40 60 80 100 120 140 160 180 200

Abundance Scan 3600 (13.315 min): VN065092.D\data.ms (-3576) (-)

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.003 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Ref 50 150.0

m/z--> 40 60 80 100 120 140 160 180 200

Tgt Ion:152 Resp: 189939
Ion Ratio Lower Upper
152 100
115 55.9 29.7 89.1
150 151.9 0.0 350.6

Abundance Scan 3601 (13.318 min): VN065112.D\data.ms

Raw 50 150.0

m/z--> 40 60 80 100 120 140 160 180 200

Abundance

150000 13.318

100000

50000

0

Time--> 13.30 13.40

Abundance Scan 3601 (13.318 min): VN065112.D\data.ms (-3507) (-)

Sub 50 150.0

m/z--> 40 60 80 100 120 140 160 180 200