Quantitation Report (QT Reviewed)

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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Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
DUP-1

Quant Time: Dec 15 05:53:11 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
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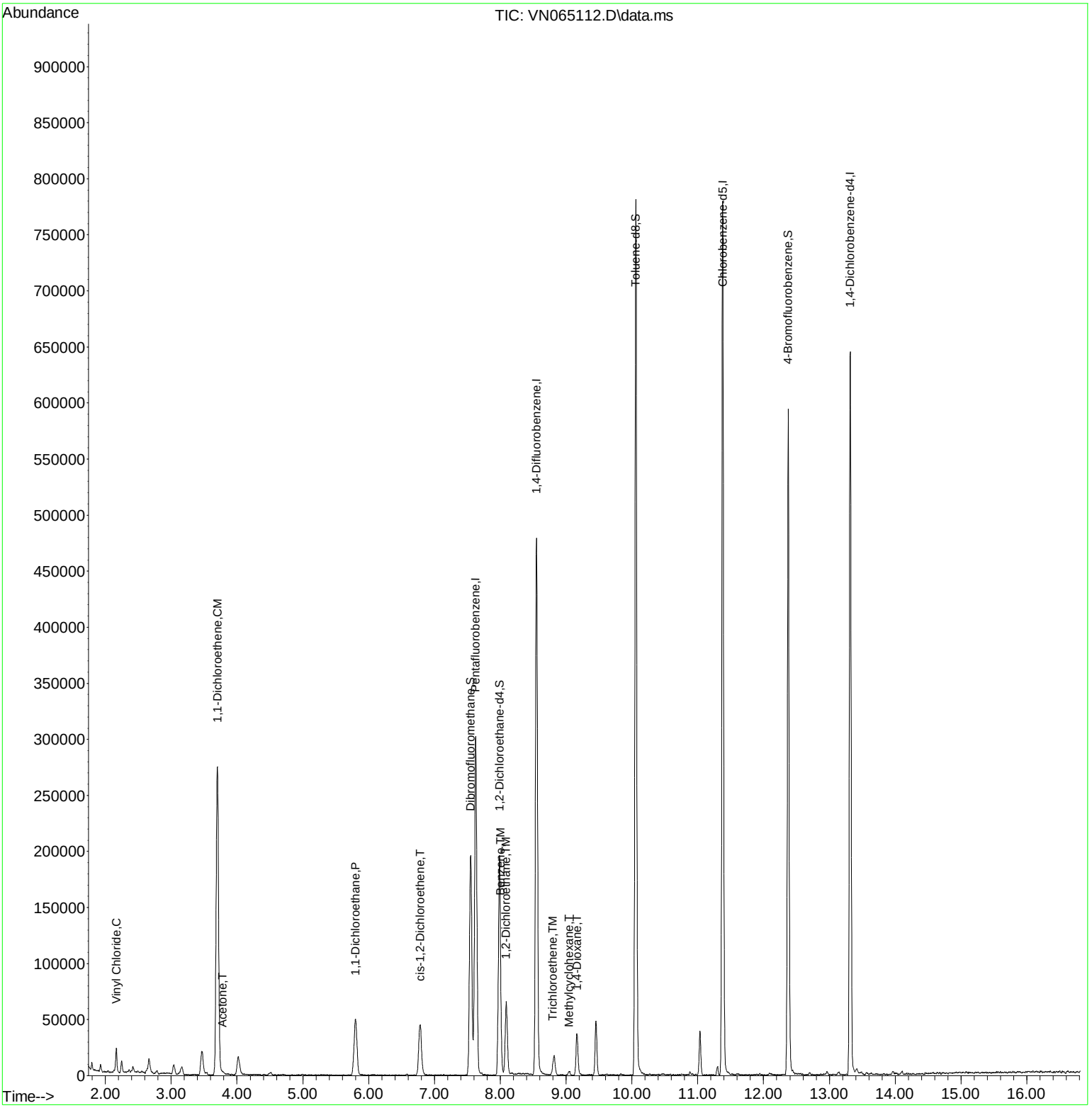
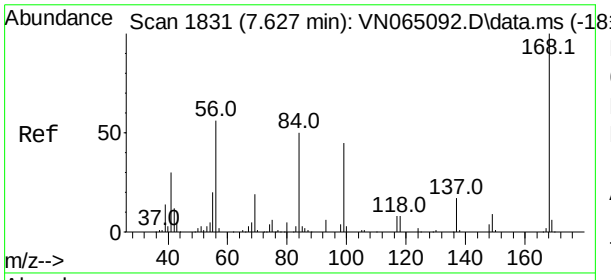
QLast Update : Tue Dec 15 05:41:47 2020
Response via : Initial Calibration



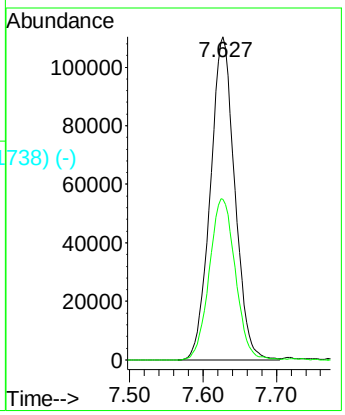
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

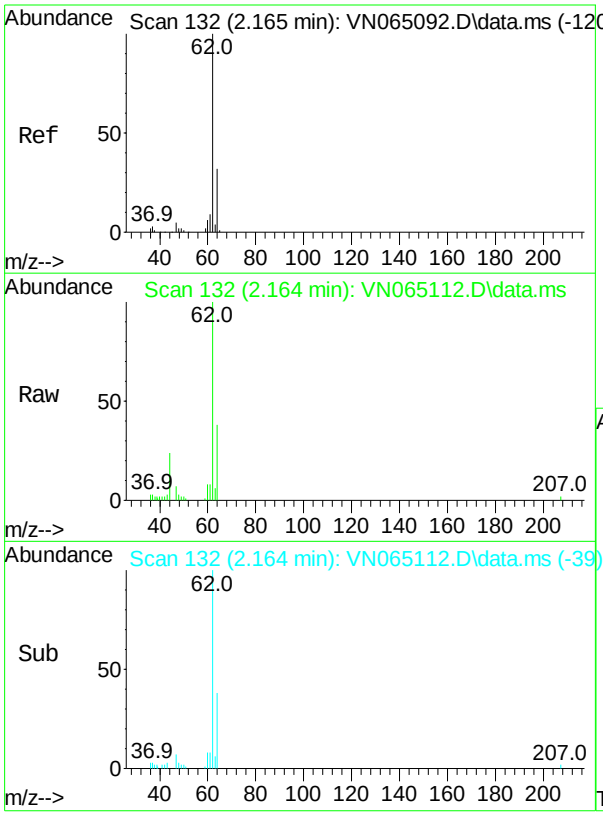


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion:168 Resp: 255753

Ion	Ratio	Lower	Upper
168	100		
99	49.8	43.0	64.4

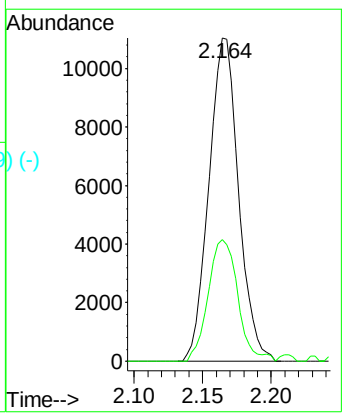




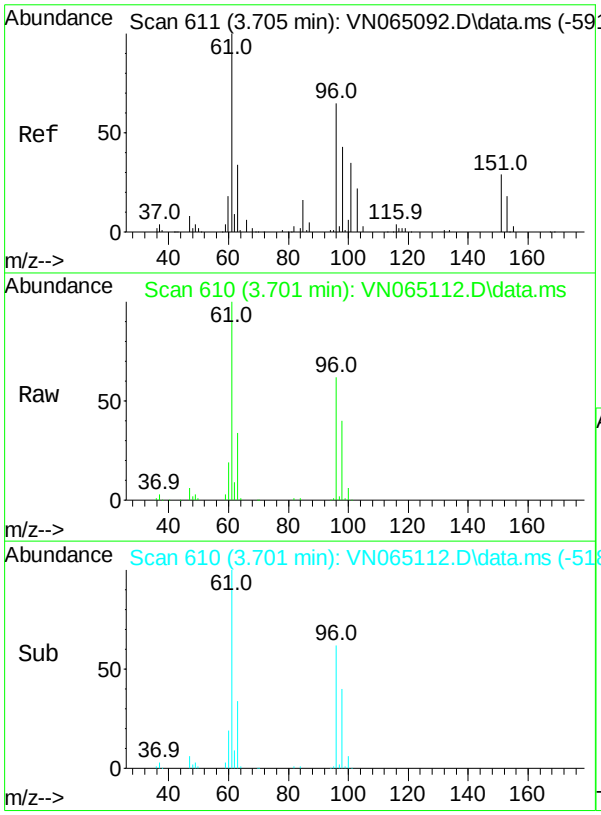
#4
Vinyl Chloride
Concen: 6.99 ug/l
RT: 2.164 min Scan# 132
Delta R.T. -0.001 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion: 62 Resp: 16581

Ion	Ratio	Lower	Upper
62	100		
64	37.6	26.5	39.7



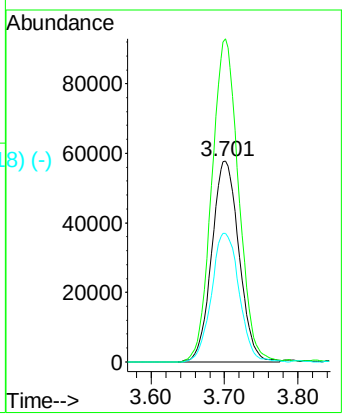
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

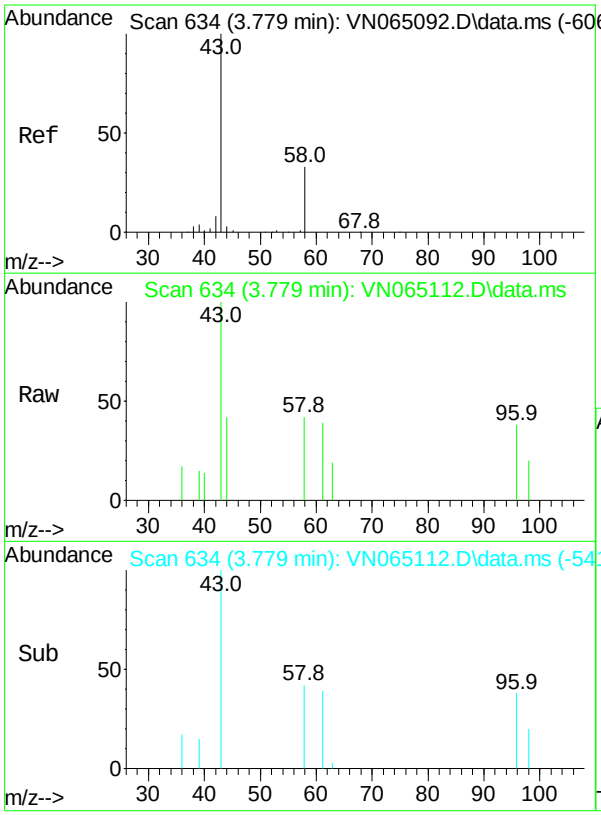


#12
1,1-Dichloroethene
Concen: 63.18 ug/l
RT: 3.701 min Scan# 610
Delta R.T. -0.004 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

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

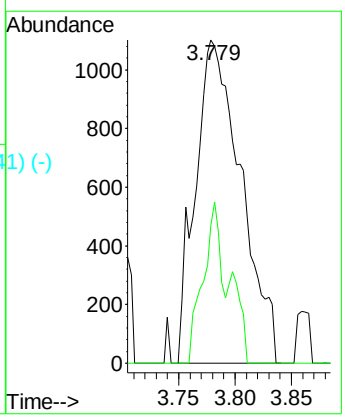




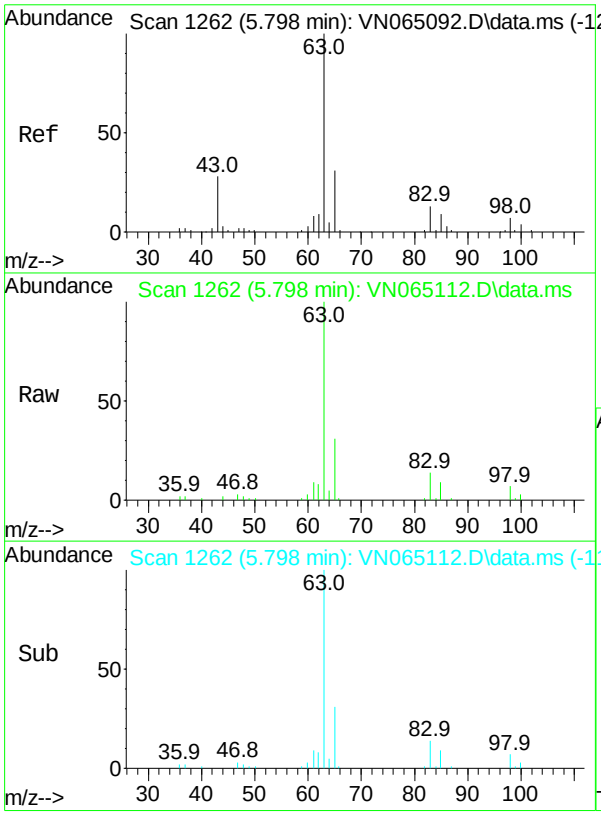
#16
Acetone
Concen: 2.83 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion: 43 Resp: 3102

Ion	Ratio	Lower	Upper
43	100		
58	42.5	25.7	38.5#



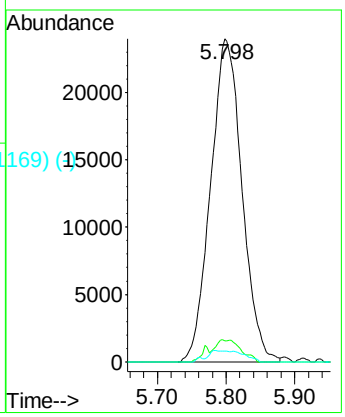
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

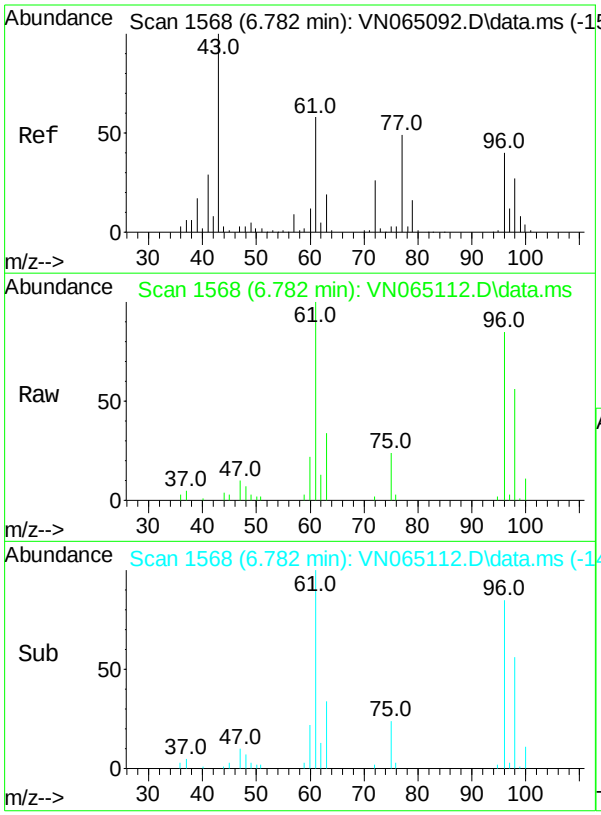


#24
1,1-Dichloroethane
Concen: 16.64 ug/l
RT: 5.798 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

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

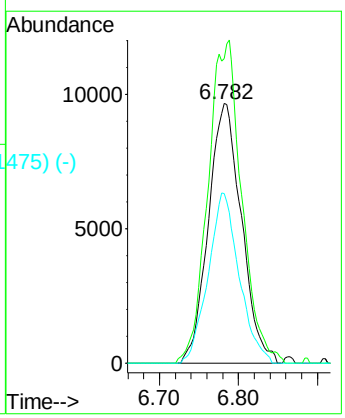




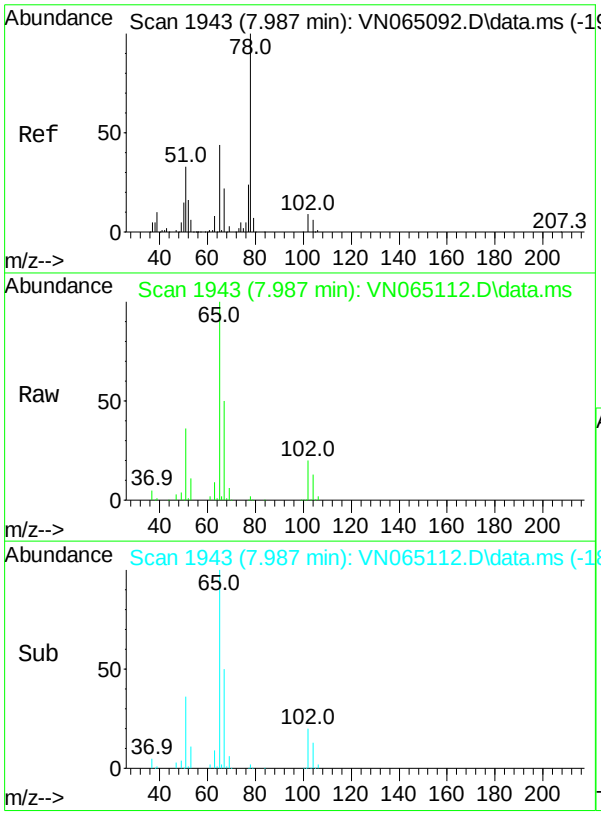
#27
cis-1,2-Dichloroethene
Concen: 10.15 ug/l
RT: 6.782 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

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



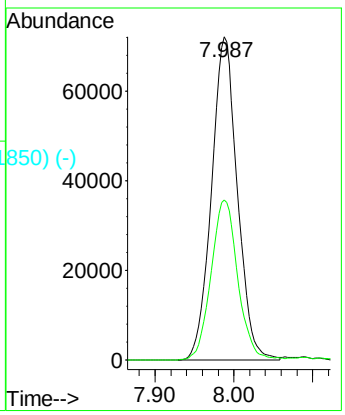
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

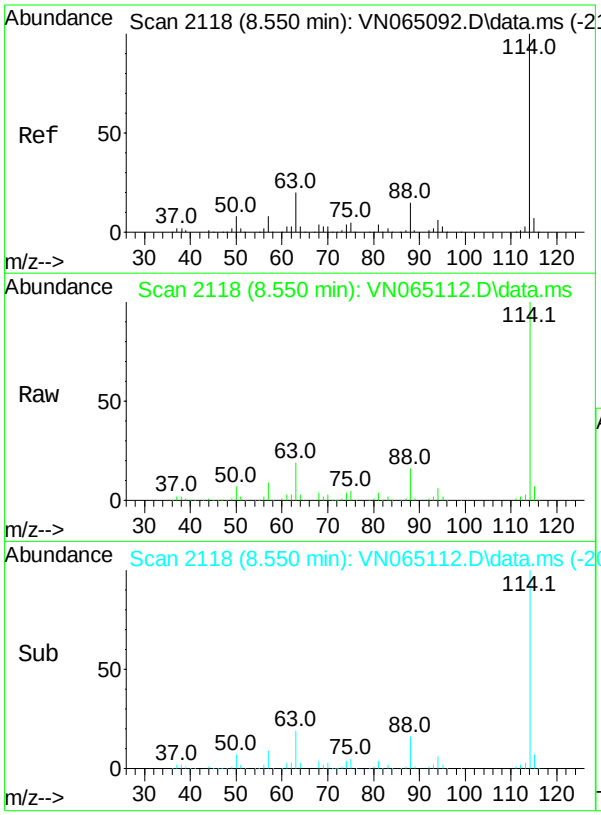


#33
1,2-Dichloroethane-d4
Concen: 56.23 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion: 65 Resp: 165332

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	108.2

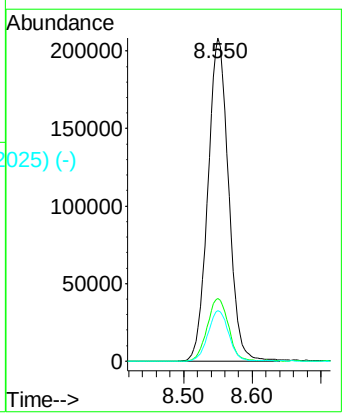




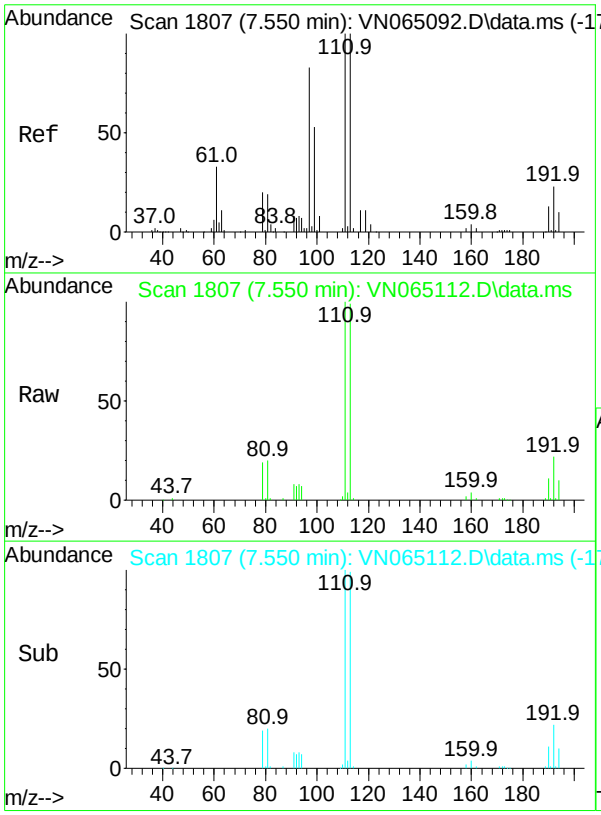
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

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



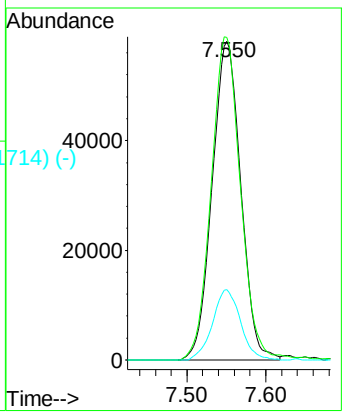
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

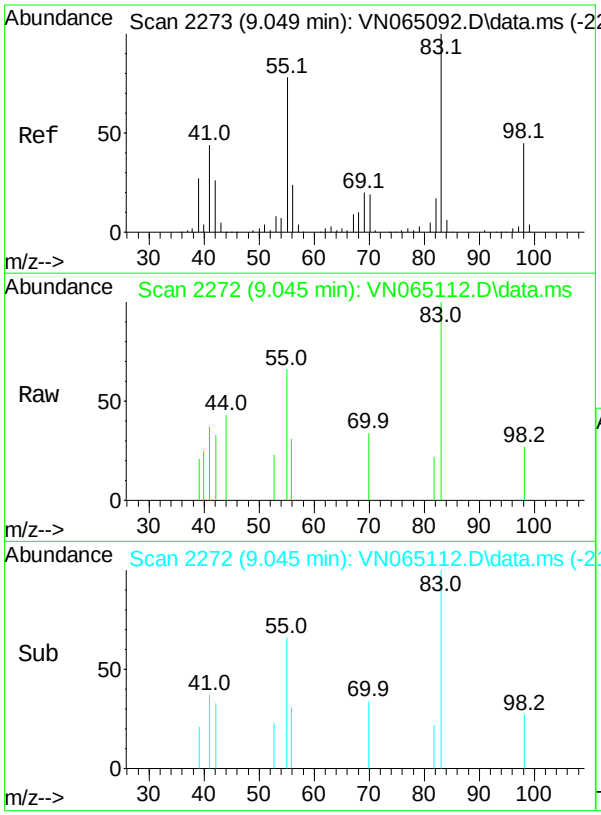


#35
Dibromofluoromethane
Concen: 48.78 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

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

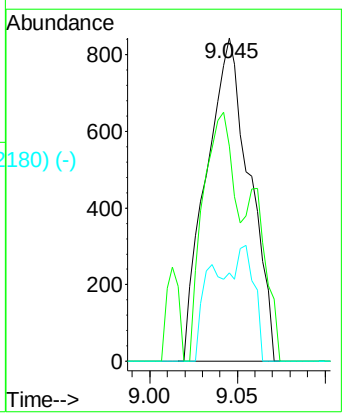




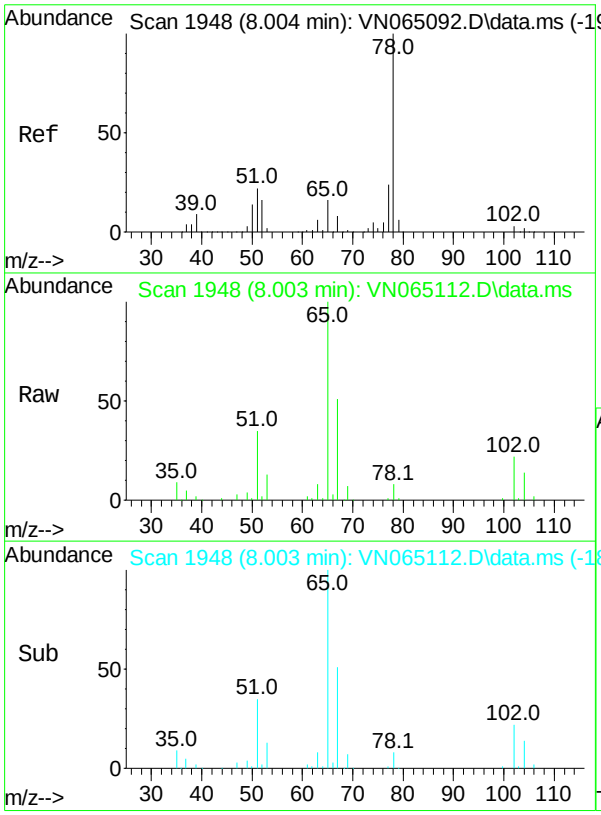
#39
Methylcyclohexane
Concen: 0.32 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. -0.004 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

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#



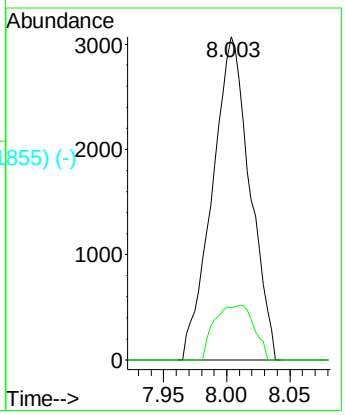
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

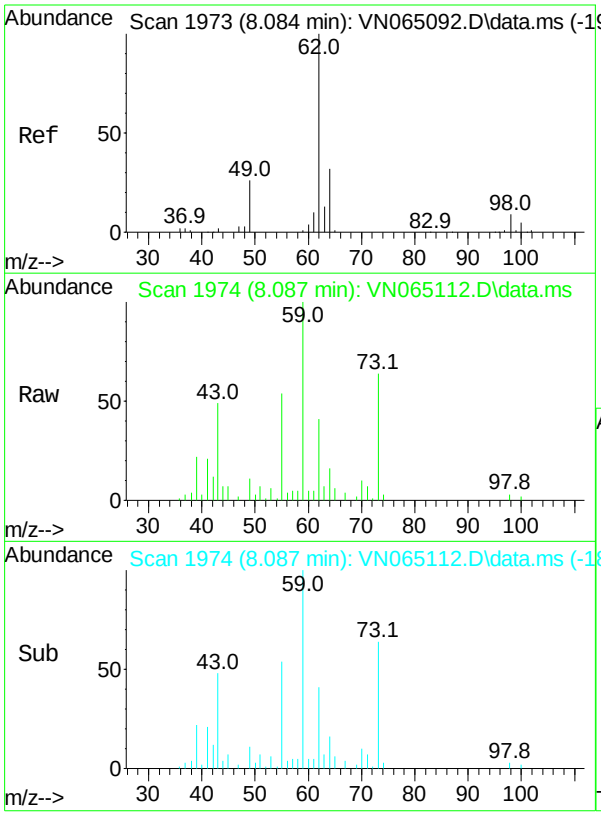


#40
Benzene
Concen: 0.52 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion: 78 Resp: 6371

Ion	Ratio	Lower	Upper
78	100		
77	16.3	17.9	26.9#

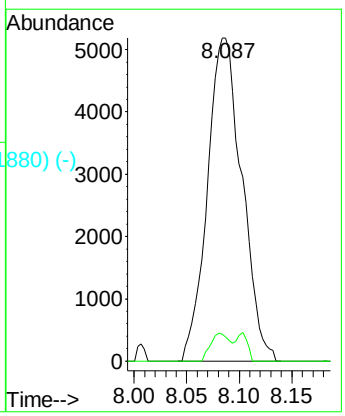


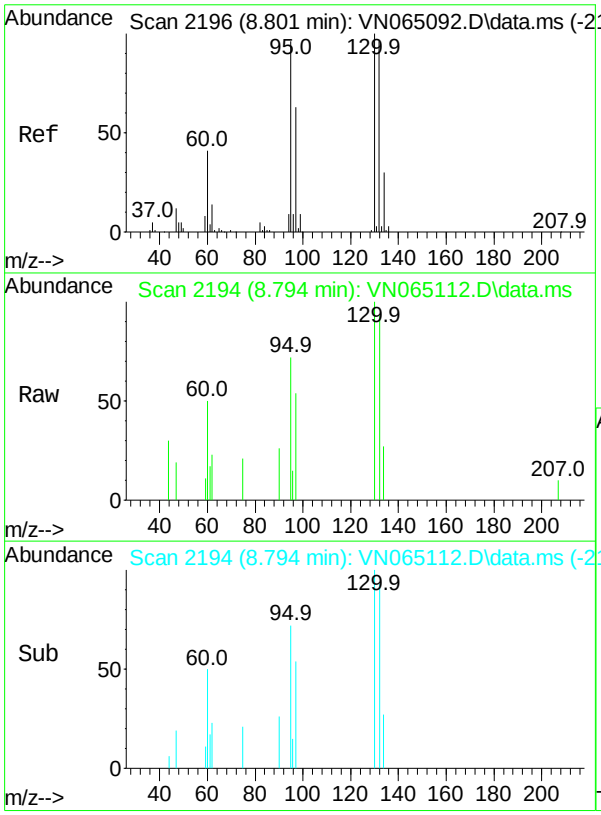


#42
1,2-Dichloroethane
Concen: 2.70 ug/l
RT: 8.087 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion: 62 Resp: 11881

Ion	Ratio	Lower	Upper
62	100		
98	4.8	0.0	19.6

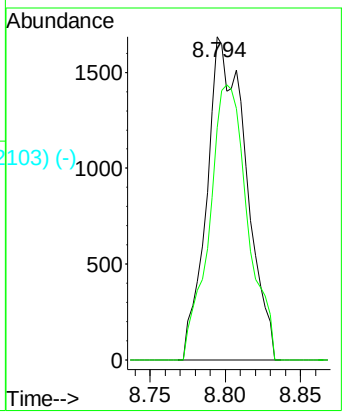




#44
Trichloroethene
Concen: 0.84 ug/l
RT: 8.794 min Scan# 2194
Delta R.T. -0.007 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion:130 Resp: 3050

Ion	Ratio	Lower	Upper
130	100		
95	71.8	0.0	197.8



Instrument :
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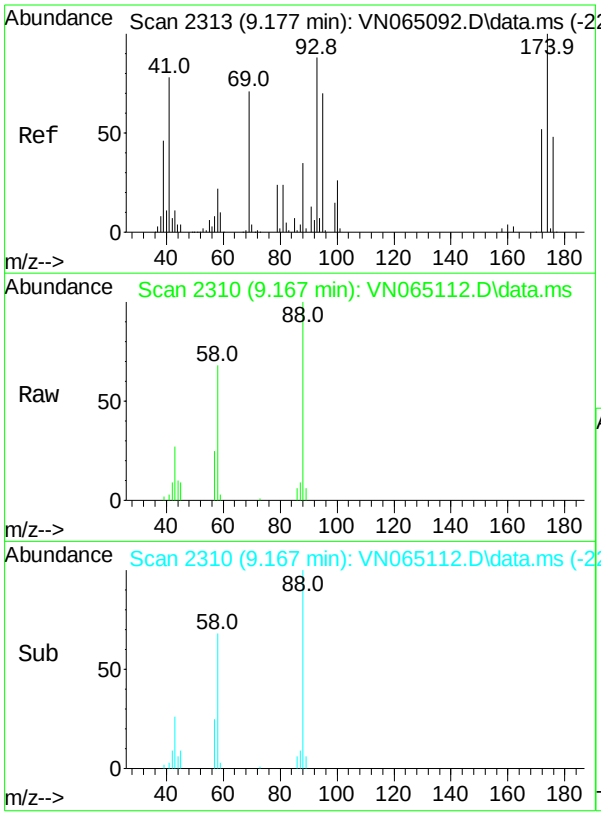
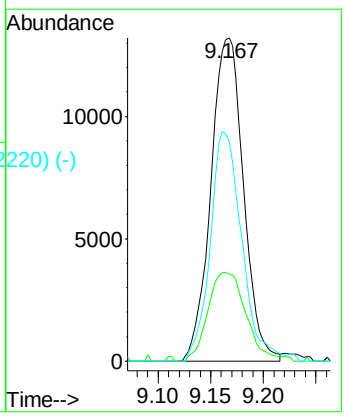
DUP-1



#49
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



Instrument :
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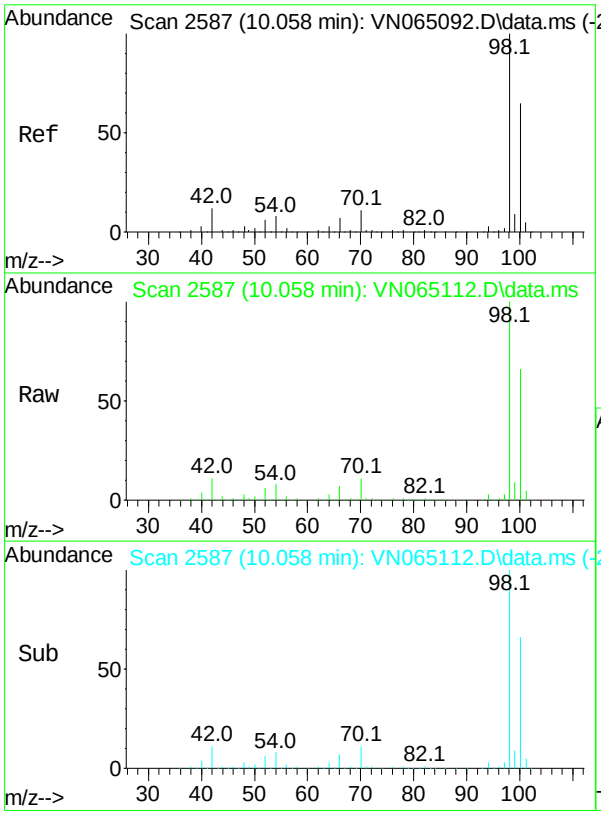
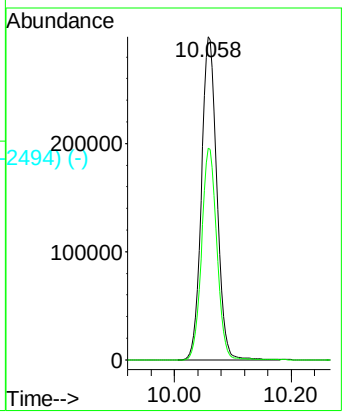
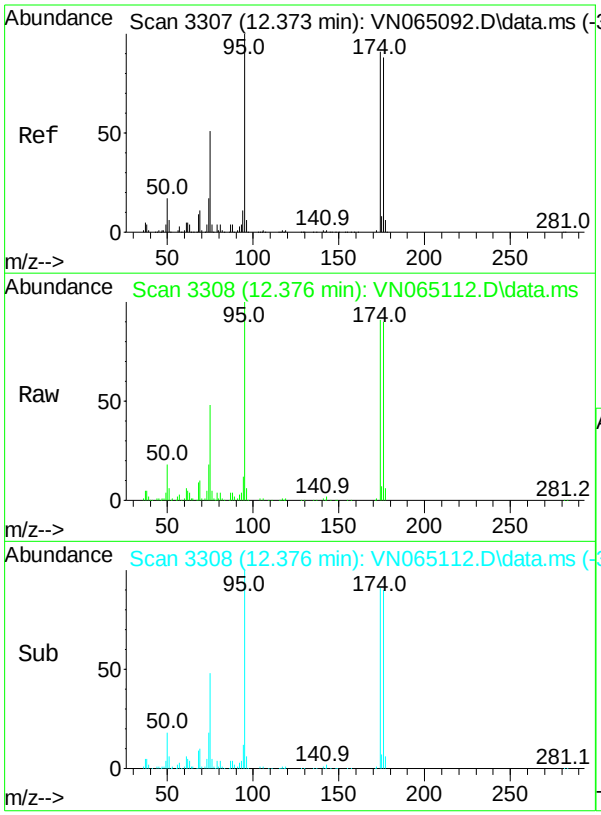


#50
Toluene-d8
Concen: 50.97 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

Tgt Ion: 98 Resp: 545786

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5

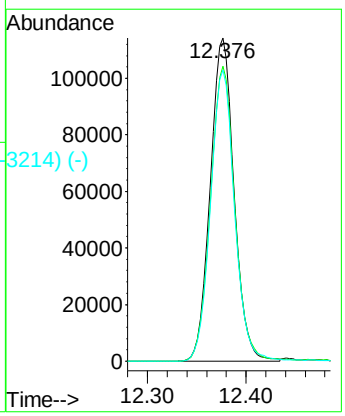




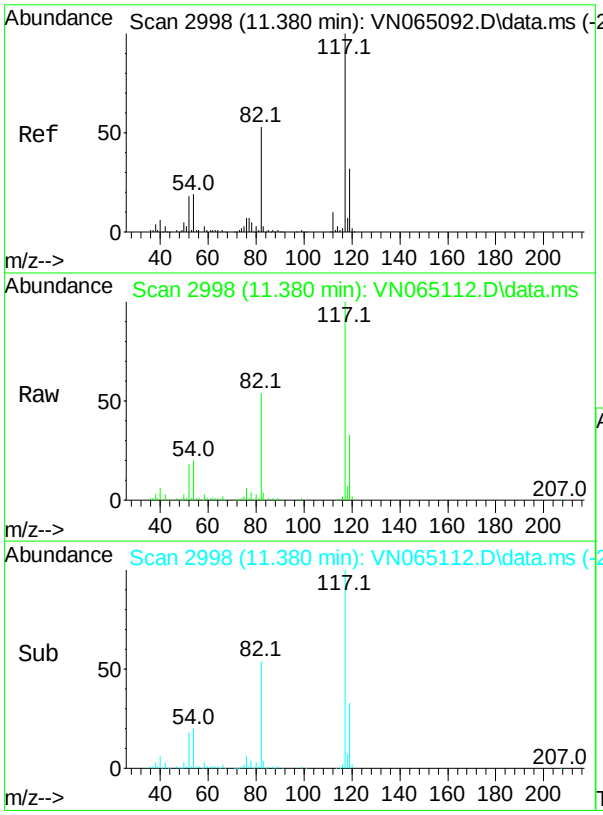
#62
4-Bromofluorobenzene
Concen: 52.25 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

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



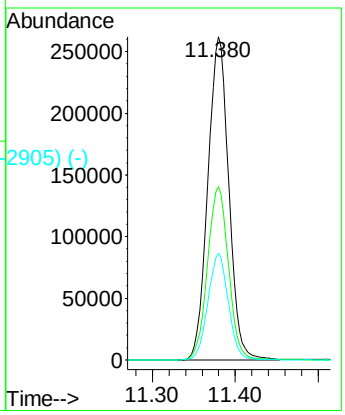
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

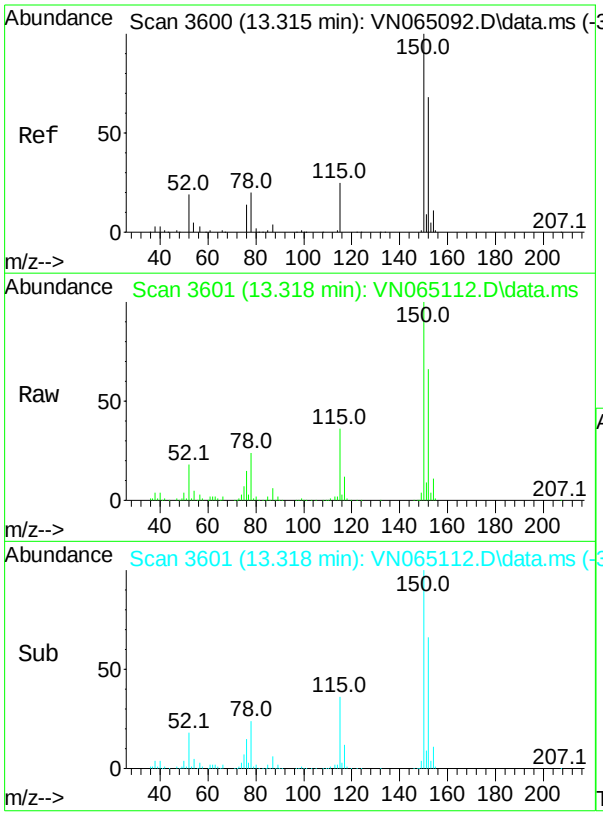


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065112.D
Acq: 14 Dec 2020 19:52

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





#72
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

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