Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111020\
Data File : VN064532.D
Acq On : 10 Nov 2020 17:49
Operator : JC/MD
Sample : L4684-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : BP-VPB178-DUP-20201106

Quant Time: Nov 11 07:48:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	240340	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	495784	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	504782	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187633	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	236320	56.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.90%				
35) Dibromofluoromethane	7.55	113	172143	51.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.00%				
50) Toluene-d8	10.06	98	630957	48.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.72%				
62) 4-Bromofluorobenzene	12.38	95	249744	50.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.24%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.75	59	25195	54.574	ug/l	#	71
12) 1,1-Dichloroethene	3.69	96	20045	7.798	ug/l		99
22) Diisopropyl ether	5.92	45	10479	0.982	ug/l	#	96
24) 1,1-Dichloroethane	5.80	63	158747	27.066	ug/l		99
40) Benzene	8.00	78	3673132	238.659	ug/l		100
42) 1,2-Dichloroethane	8.09	62	119793	19.287	ug/l		98
44) Trichloroethene	8.81	130	10386	2.675	ug/l		95
49) 1,4-Dioxane	9.17	88	1177	20.864	ug/l	#	33
64) Tetrachloroethene	10.60	164	3046	0.783	ug/l	#	81
69) o-Xylene	11.92	106	33181	4.810	ug/l		96
73) Isopropylbenzene	12.23	105	86710	5.814	ug/l		98

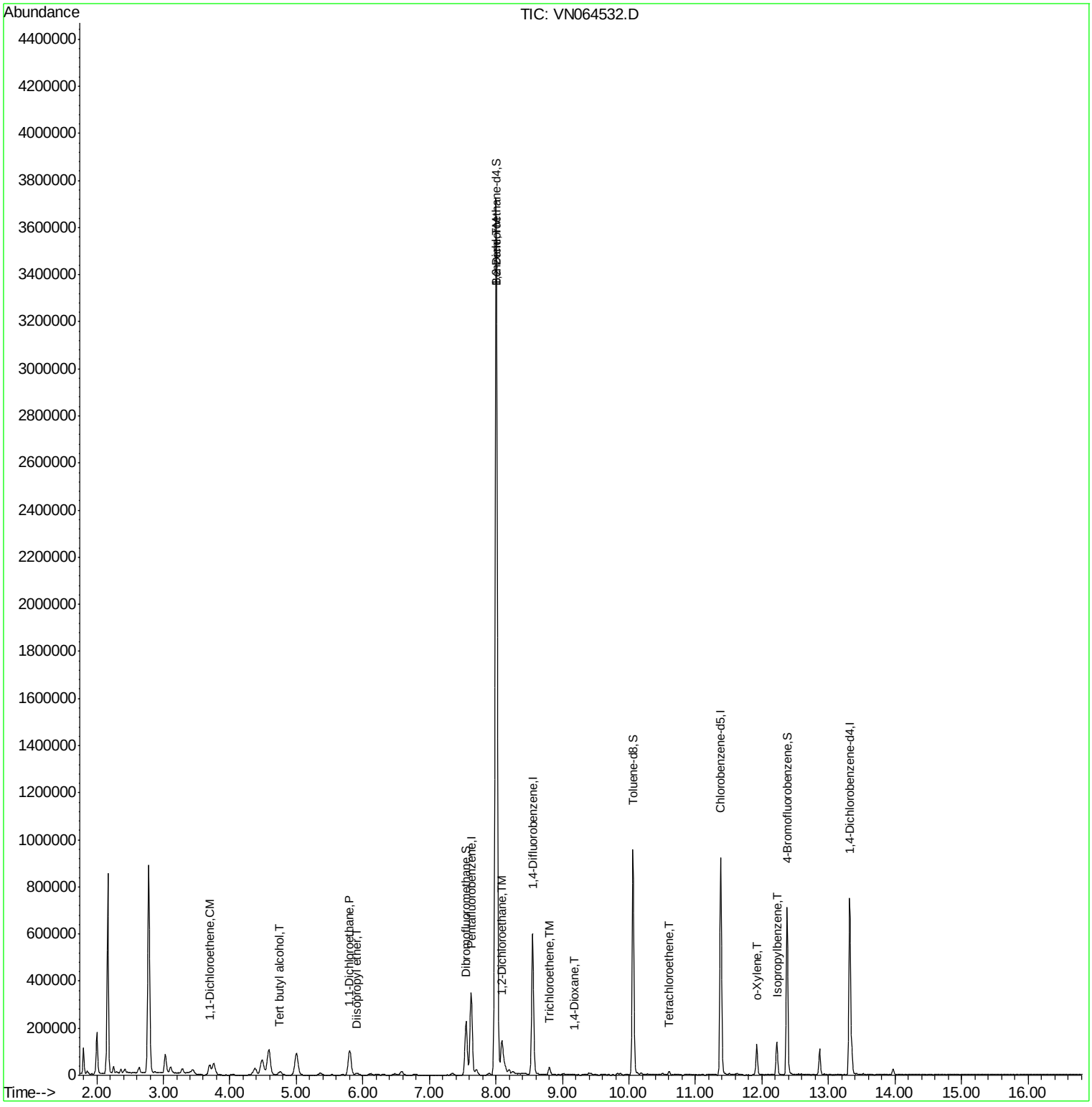
(#) = qualifier out of range (m) = manual integration (+) = signals summed

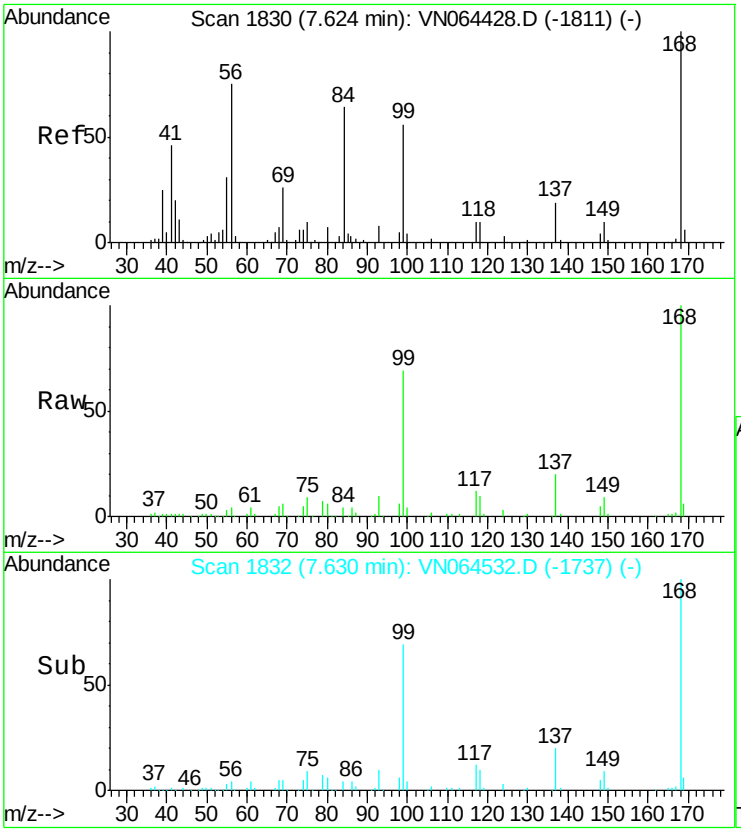
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111020\
Data File : VN064532.D
Acq On : 10 Nov 2020 17:49
Operator : JC/MD
Sample : L4684-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Quant Time: Nov 11 07:48:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration



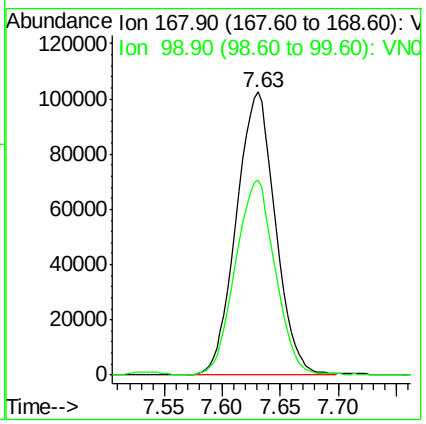


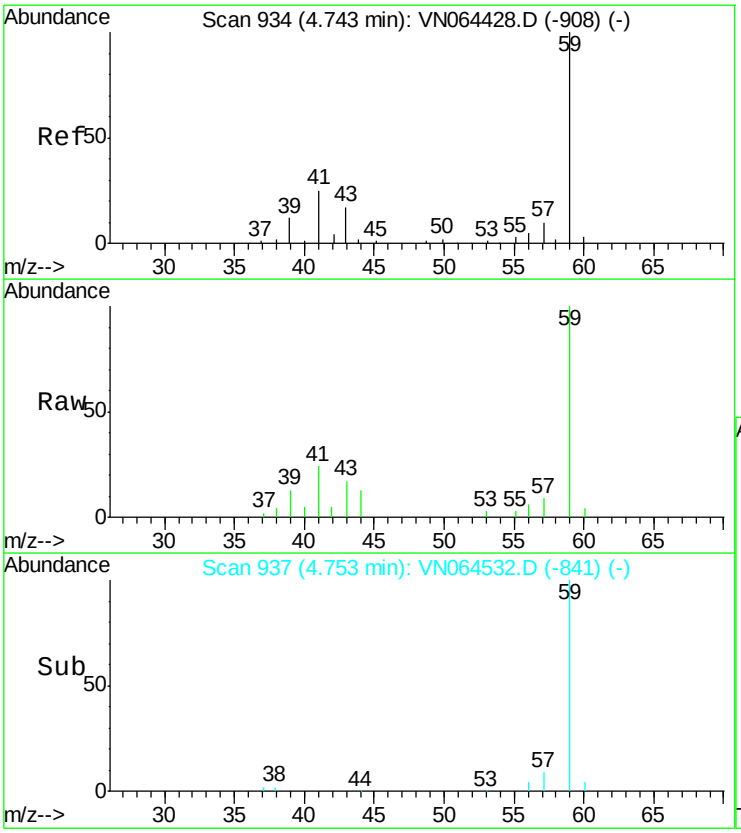
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tgt Ion:168 Resp: 240340

Ion	Ratio	Lower	Upper
168	100		
99	68.9	53.4	80.2

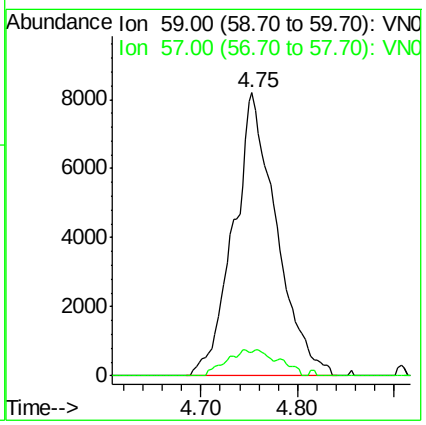


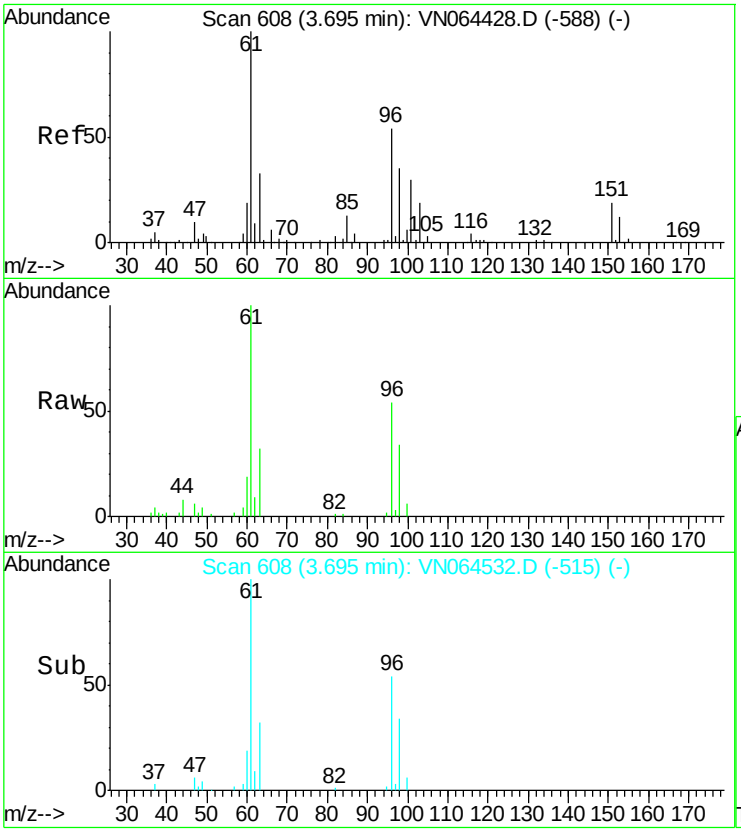


#11
Tert butyl alcohol
Concen: 54.574 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 59 Resp: 25195

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



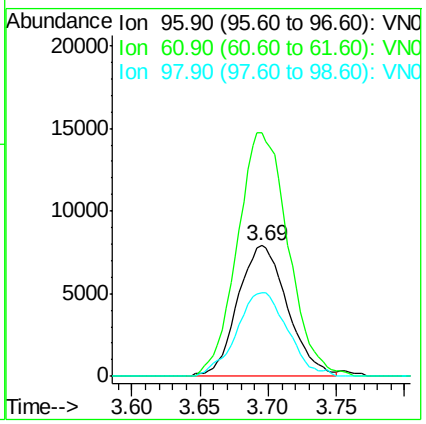


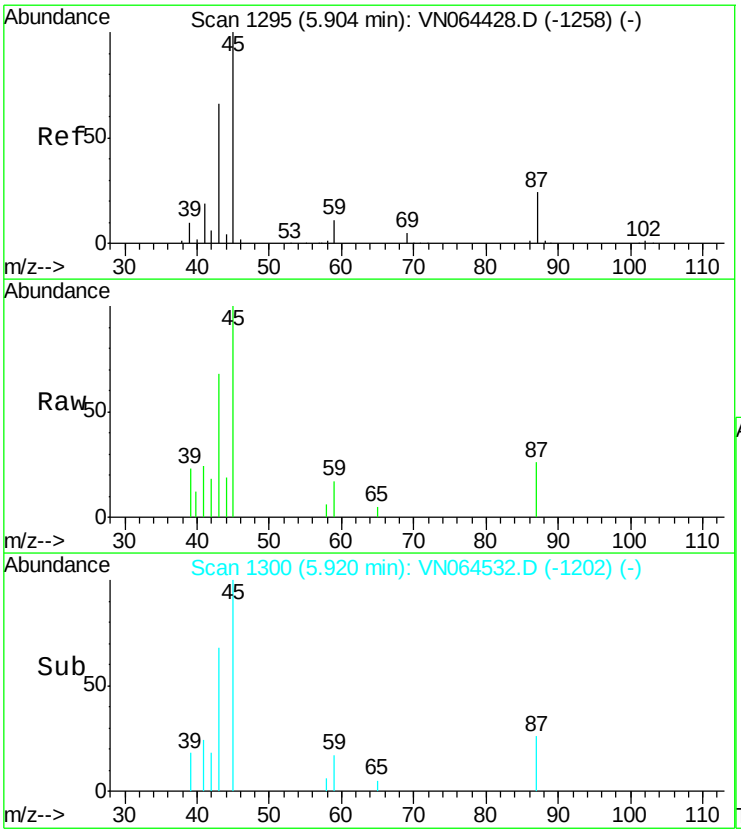
#12
1,1-Dichloroethene
Concen: 7.798 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tgt Ion: 96 Resp: 20045

Ion	Ratio	Lower	Upper
96	100		
61	186.0	149.5	224.3
98	64.0	52.4	78.6

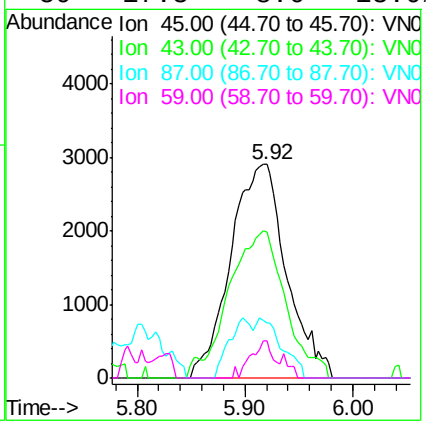


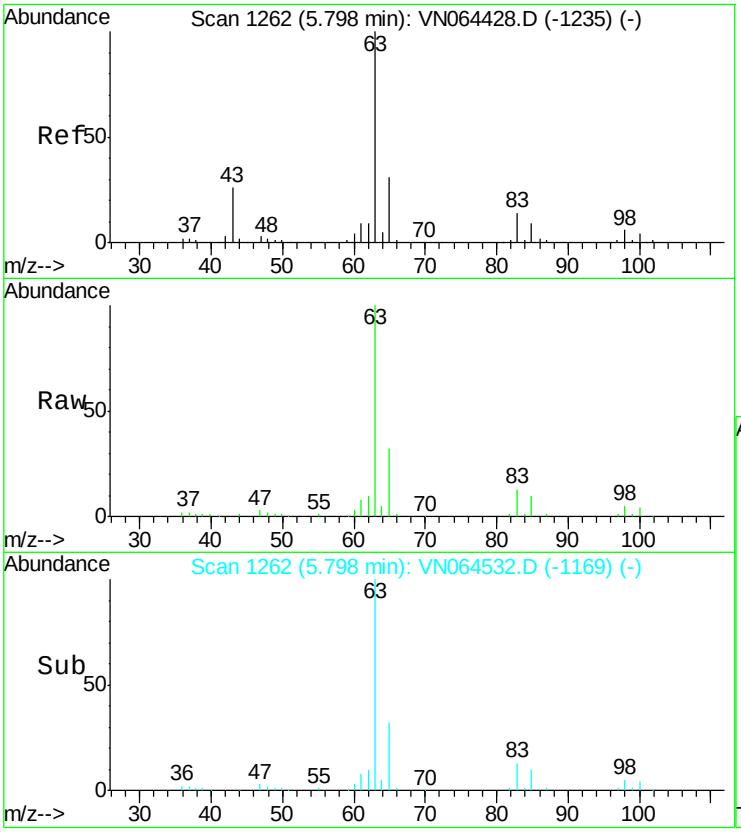


#22
Diisopropyl ether
Concen: 0.982 ug/l
RT: 5.92 min Scan# 1300
Delta R.T. 0.02 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 45 Resp: 10479

Ion	Ratio	Lower	Upper
45	100		
43	68.3	53.2	79.8
87	26.0	19.9	29.9
59	17.3	8.6	13.0#



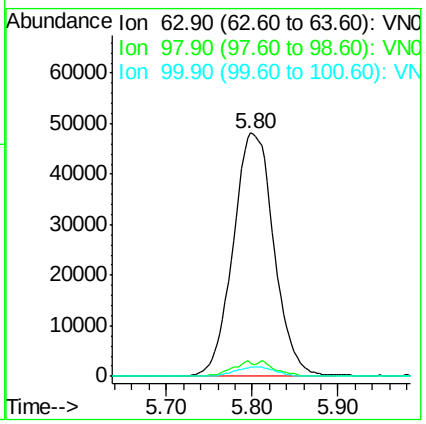


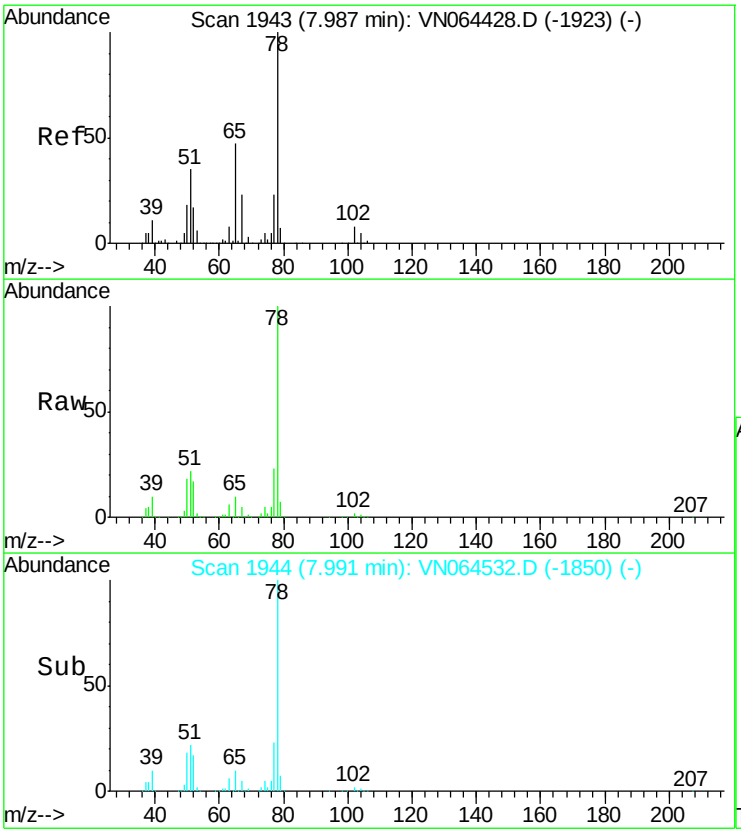
#24
1,1-Dichloroethane
Concen: 27.066 ug/l
RT: 5.80 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tgt Ion: 63 Resp: 158747

Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.0	9.2
100	3.7	1.8	5.3

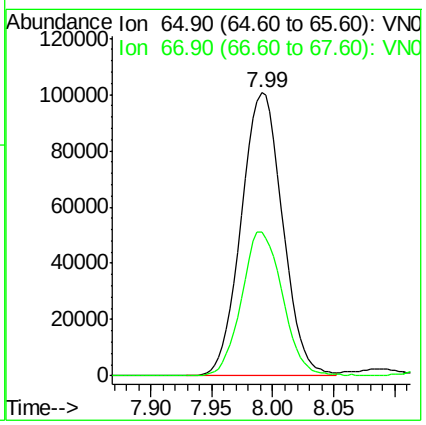


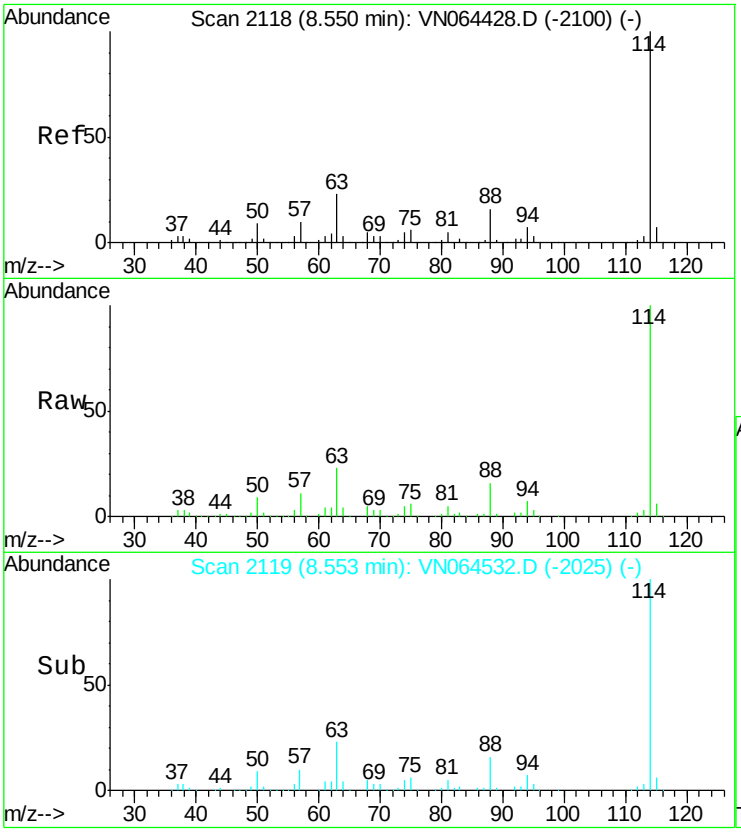


#33
1,2-Dichloroethane-d4
Concen: 56.450 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 65 Resp: 236320

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.6



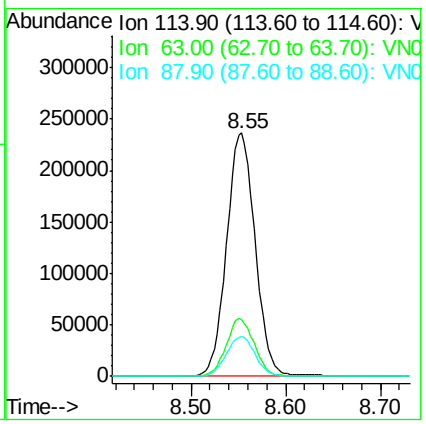


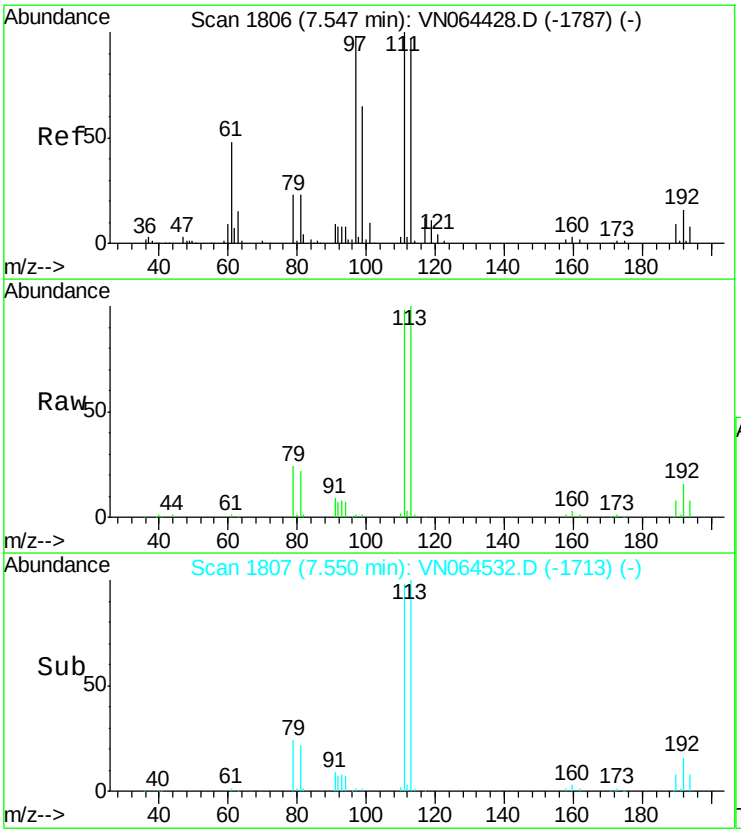
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tgt Ion:114 Resp: 495784

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.6
88	16.4	0.0	32.8

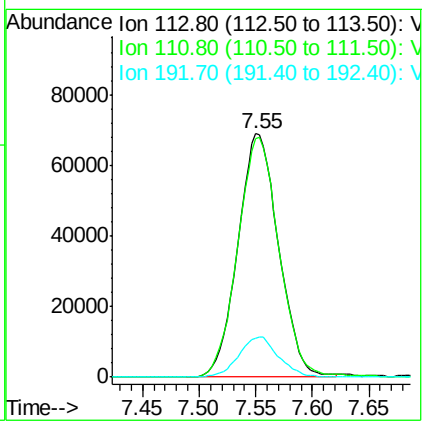


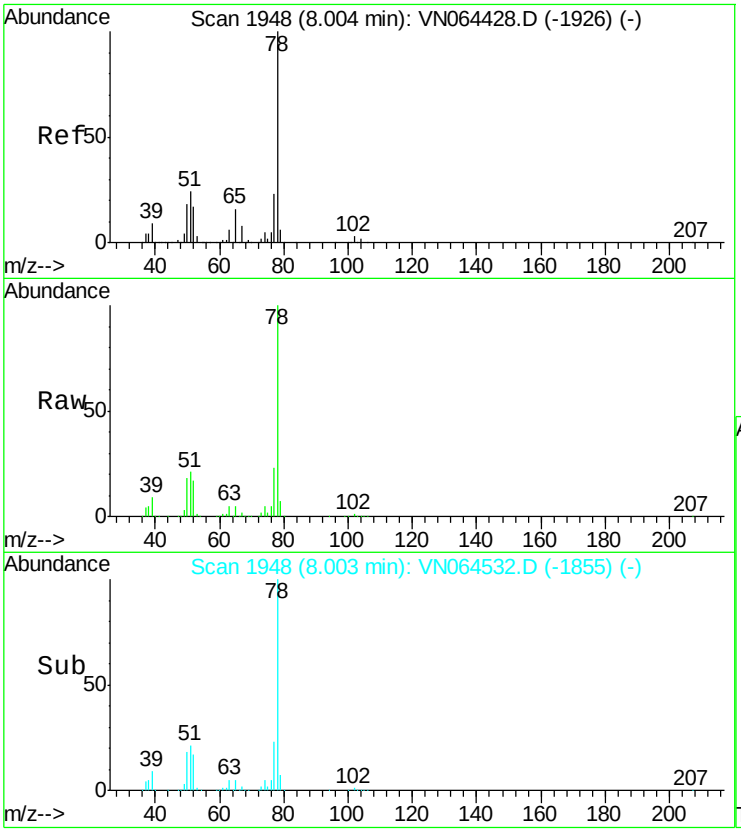


#35
Dibromofluoromethane
Concen: 50.996 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion:113 Resp: 172143

Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.1	121.7
192	16.1	12.8	19.2



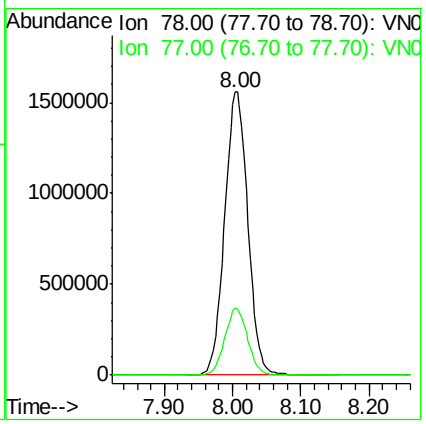


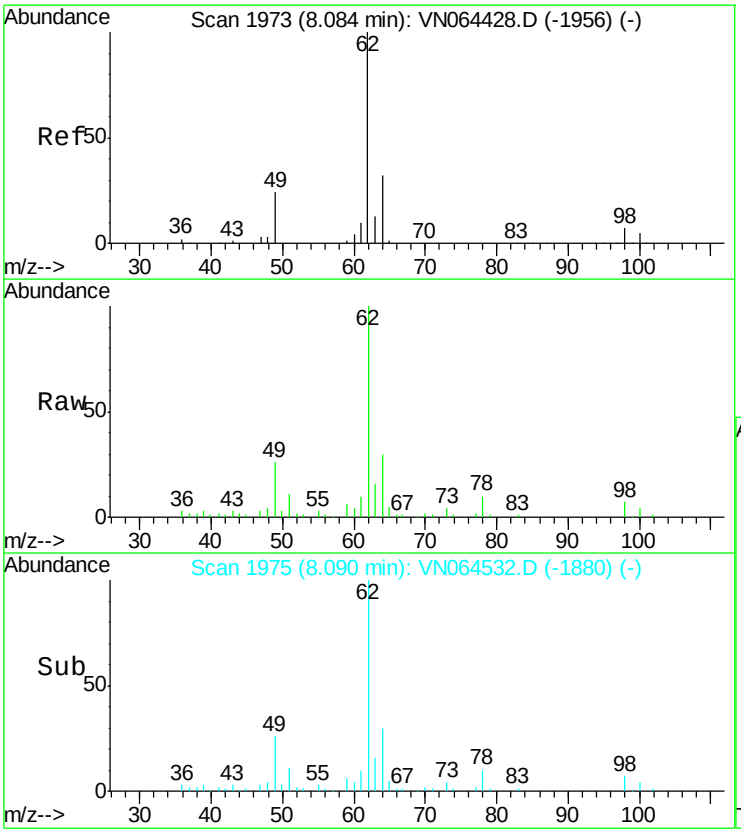
#40
Benzene
Concen: 238.659 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tgt Ion: 78 Resp: 3673132

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1

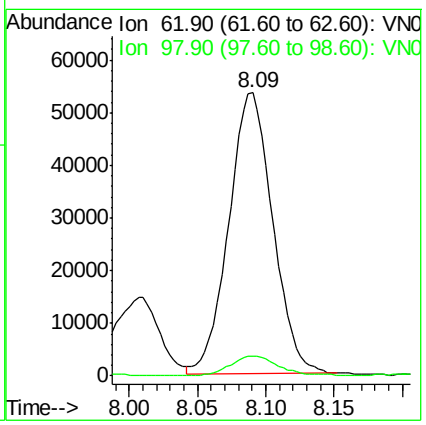


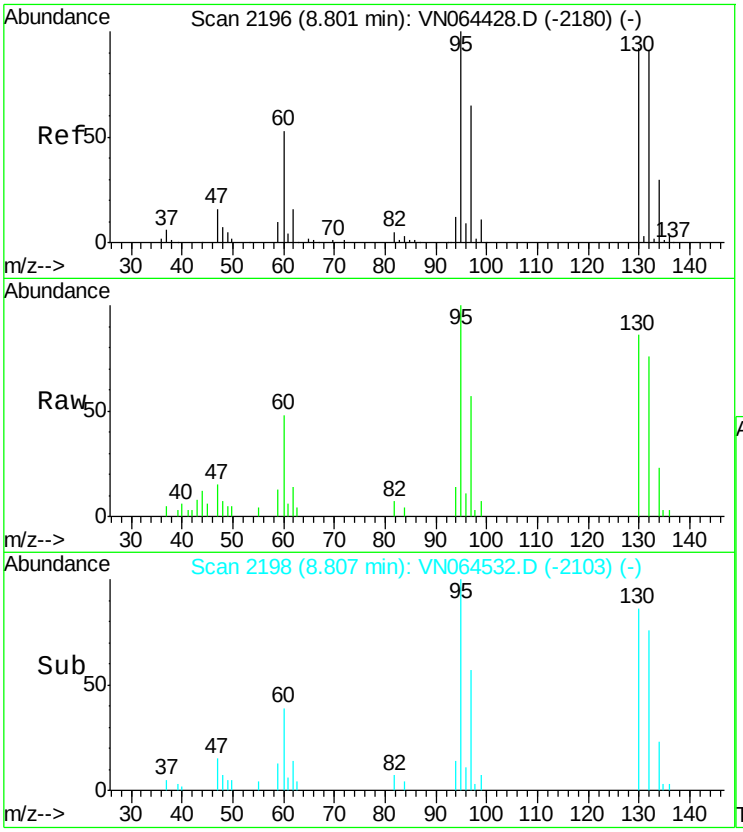


#42
1,2-Dichloroethane
Concen: 19.287 ug/l
RT: 8.09 min Scan# 1975
Delta R.T. 0.01 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 62 Resp: 119793

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	14.0



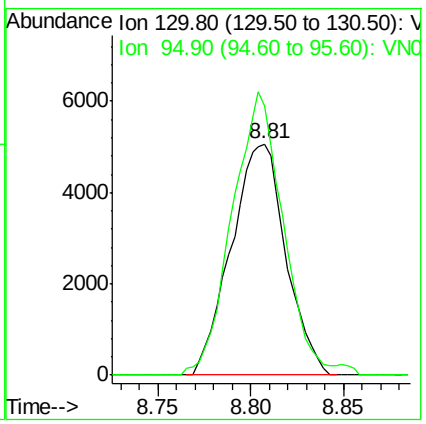


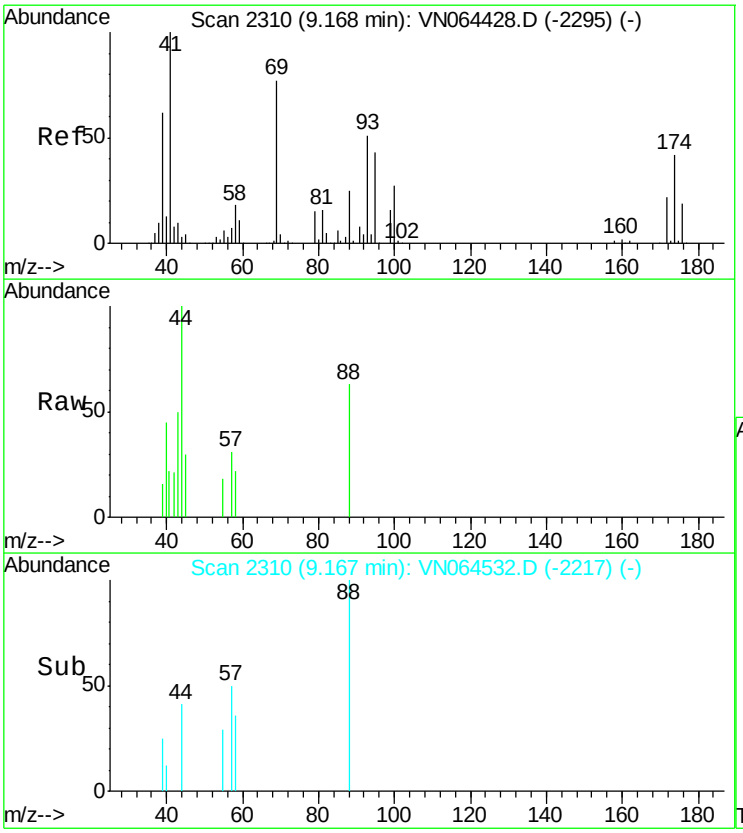
#44
Trichloroethene
Concen: 2.675 ug/l
RT: 8.81 min Scan# 2198
Delta R.T. 0.01 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tgt Ion:130 Resp: 10386

Ion	Ratio	Lower	Upper
130	100		
95	113.4	0.0	216.8

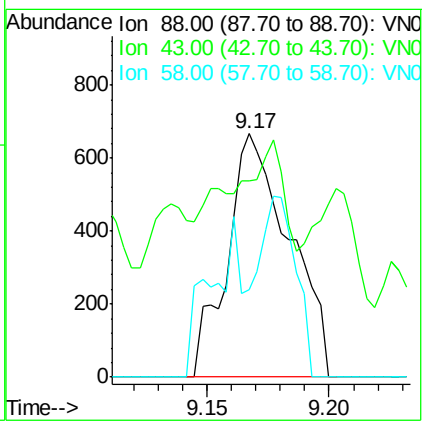


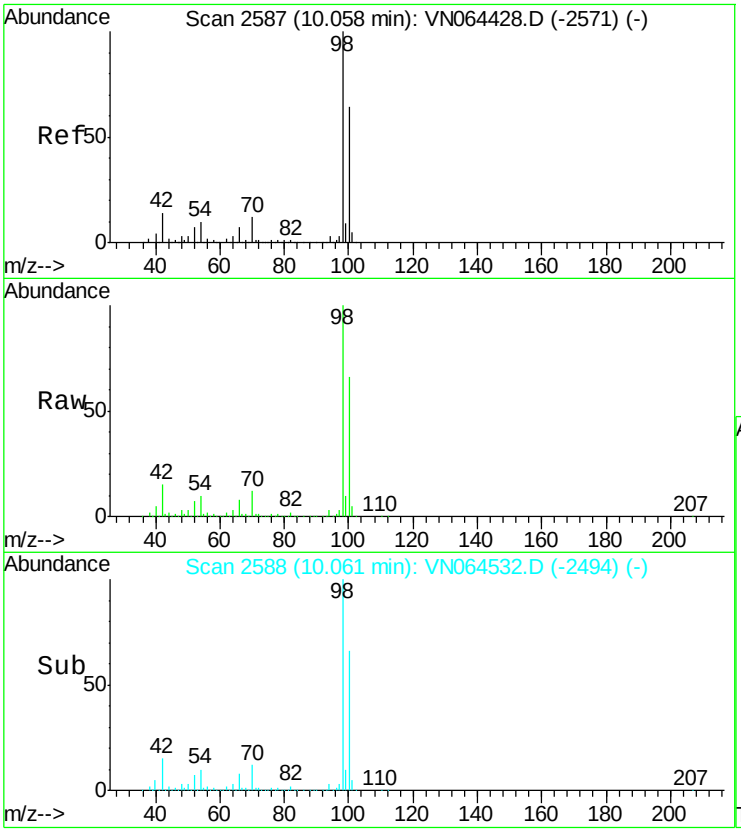


#49
1,4-Dioxane
Concen: 20.864 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 88 Resp: 1177

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.6#
58	14.9	58.4	87.6#



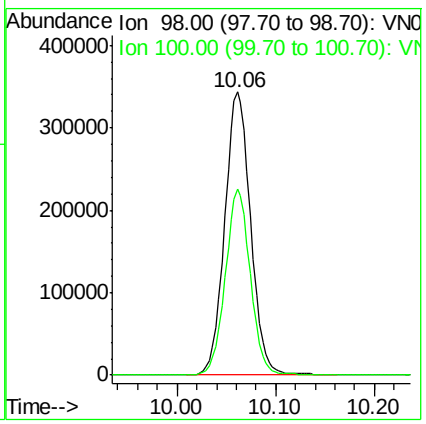


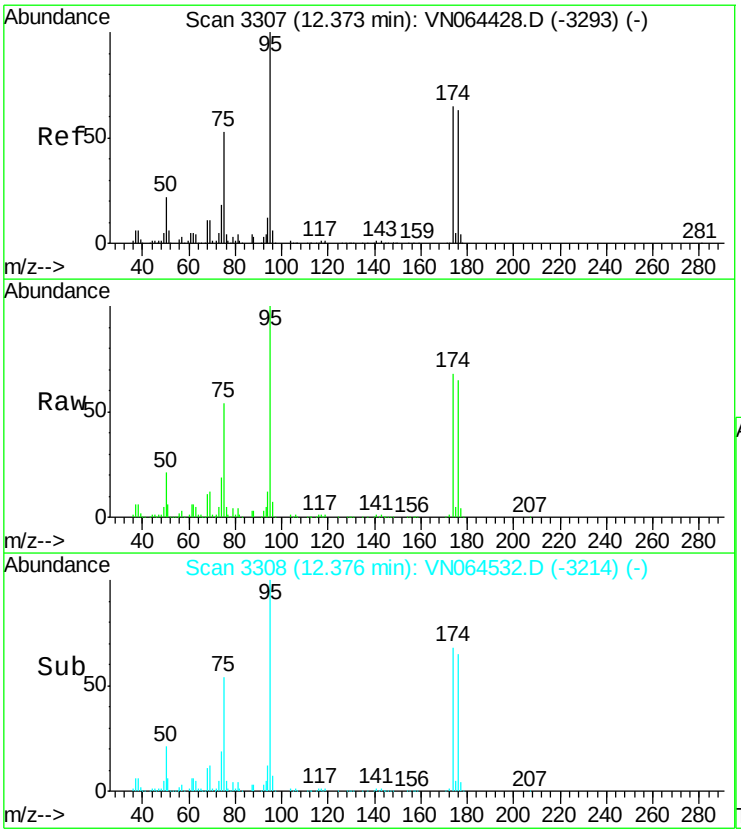
#50
Toluene-d8
Concen: 48.361 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tgt Ion: 98 Resp: 630957

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1

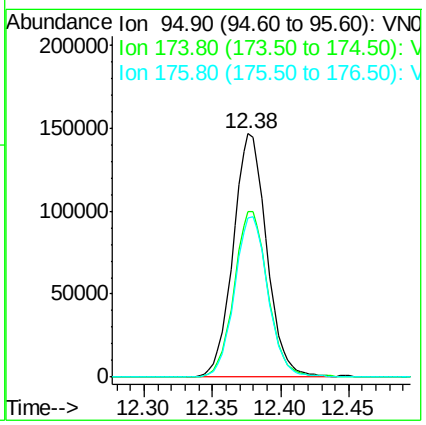


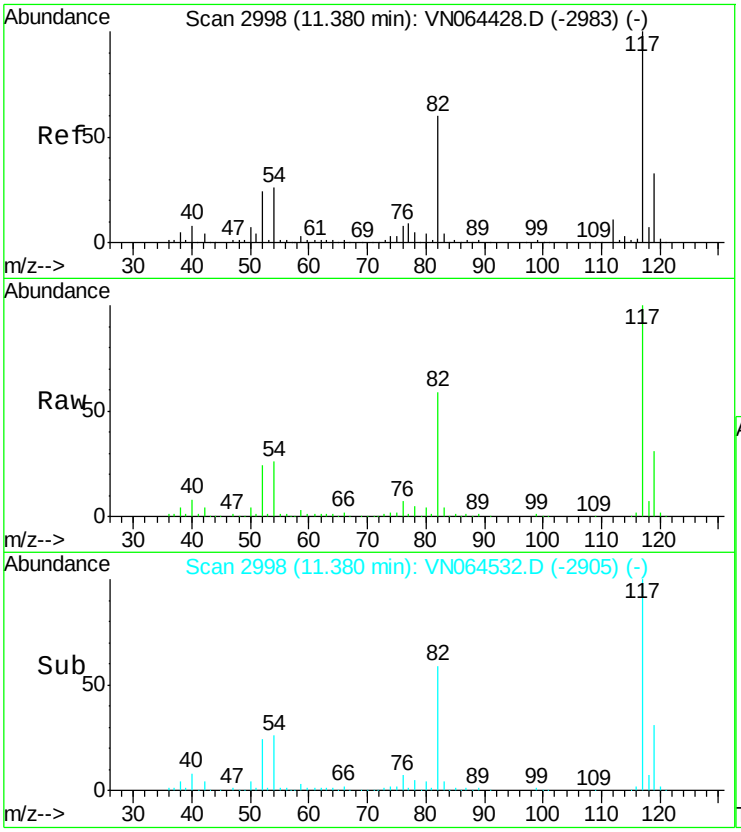


#62
4-Bromofluorobenzene
Concen: 50.616 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion: 95 Resp: 249744

Ion	Ratio	Lower	Upper
95	100		
174	68.4	0.0	132.6
176	65.8	0.0	129.2



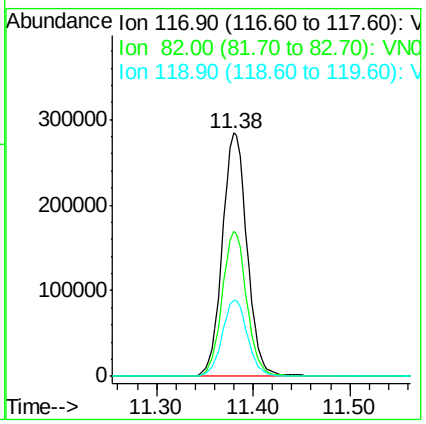


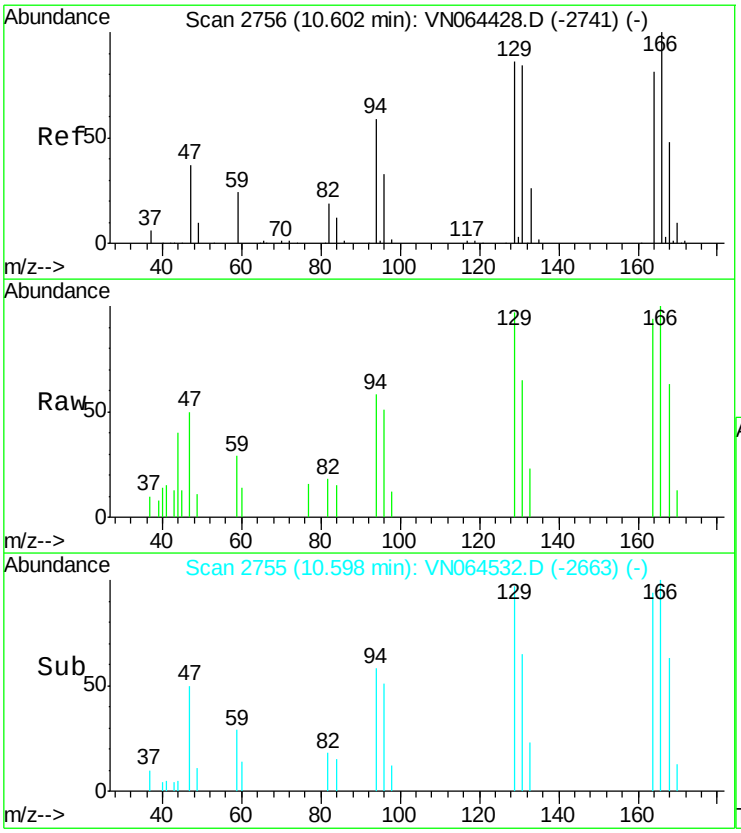
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tgt Ion:117 Resp: 504782

Ion	Ratio	Lower	Upper
117	100		
82	59.3	48.1	72.1
119	31.4	26.2	39.4

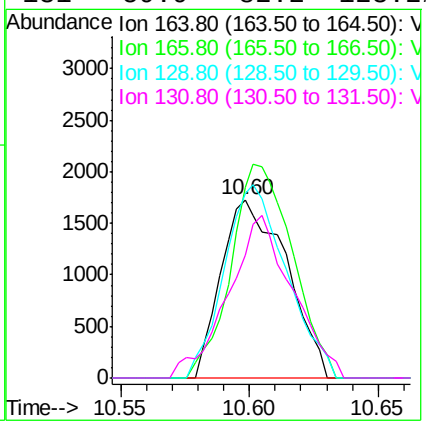


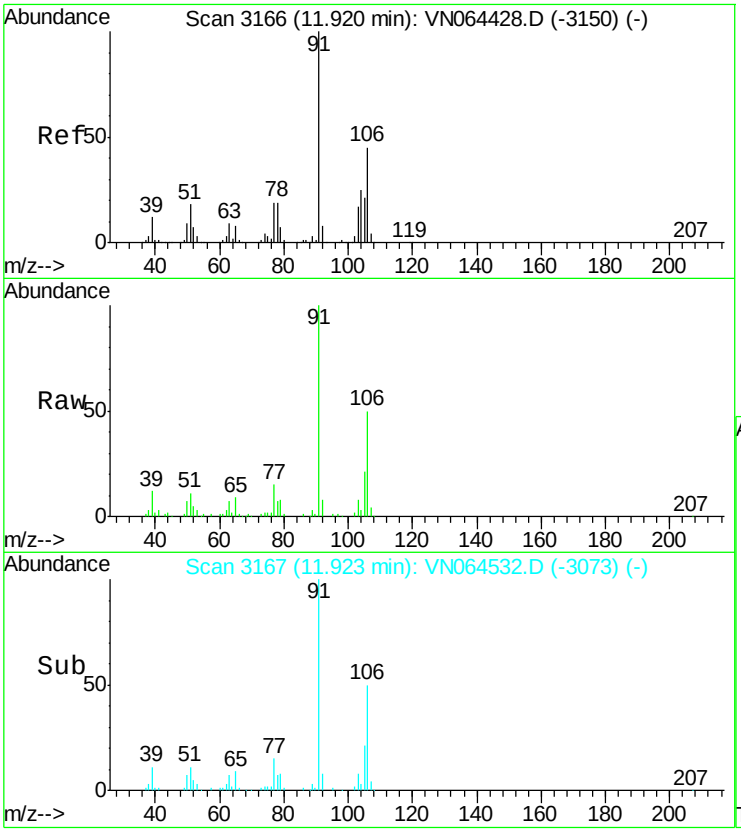


#64
Tetrachloroethene
Concen: 0.783 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion:164 Resp: 3046

Ion	Ratio	Lower	Upper
164	100		
166	106.9	98.2	147.2
129	103.6	84.6	127.0
131	59.9	82.2	123.2#



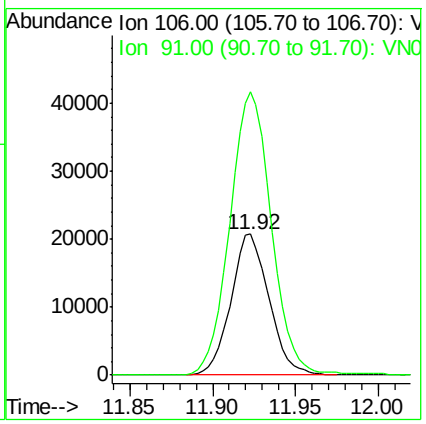


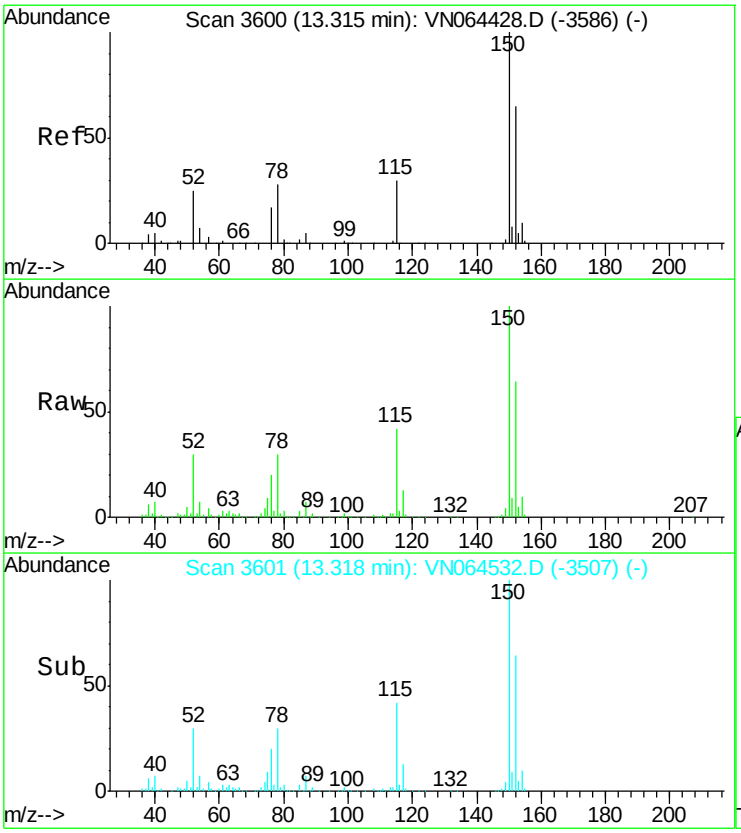
#69
o-Xylene
Concen: 4.810 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tgt Ion:106 Resp: 33181

Ion	Ratio	Lower	Upper
106	100		
91	217.6	111.7	334.9

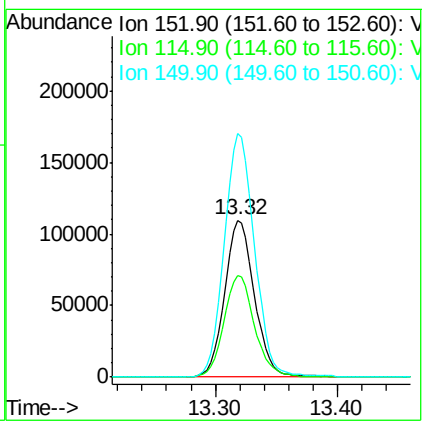


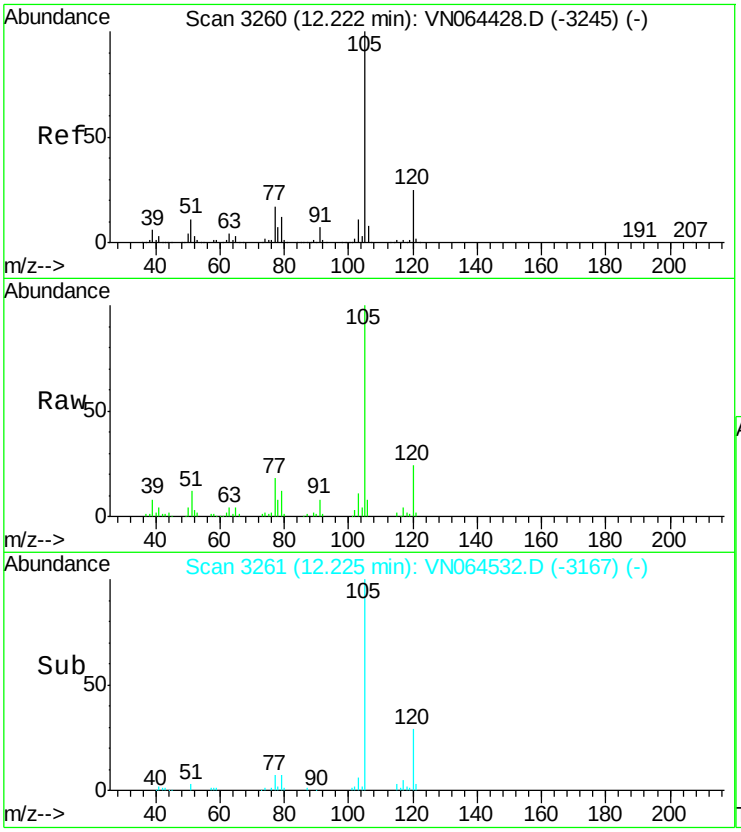


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Tgt Ion:152 Resp: 187633

Ion	Ratio	Lower	Upper
152	100		
115	66.3	32.0	96.0
150	157.4	0.0	353.8





#73
Isopropylbenzene
Concen: 5.814 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064532.D
Acq: 10 Nov 2020 17:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-DUP-20201106

Tgt Ion:105 Resp: 86710

Ion	Ratio	Lower	Upper
105	100		
120	24.7	12.8	38.3