Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
Data File : VN053953.D
Acq On : 26 Feb 2019 14:24
Operator : JC/SP
Sample : K1597-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TP-26

Quant Time: Feb 27 02:58:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	573553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1092531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1059093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	388949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384991	57.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.52%			
35) Dibromofluoromethane	7.59	113	355083	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.52%			
50) Toluene-d8	10.09	98	1376580	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.68%			
62) 4-Bromofluorobenzene	12.40	95	451155	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.98%			
Target Compounds						Qvalue
20) Methylene Chloride	4.55	84	92422	13.889	ug/l	92
43) Isopropyl Acetate	8.17	43	38647	3.155	ug/l #	89
52) Toluene	10.15	92	31651	1.722	ug/l	99
68) m/p-Xylenes	11.62	106	48270	3.413	ug/l	95
69) o-Xylene	11.95	106	20679	1.488	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	40971	1.653	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	114943	4.645	ug/l	97
95) Naphthalene	15.13	128	14128	4.070	ug/l	100

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

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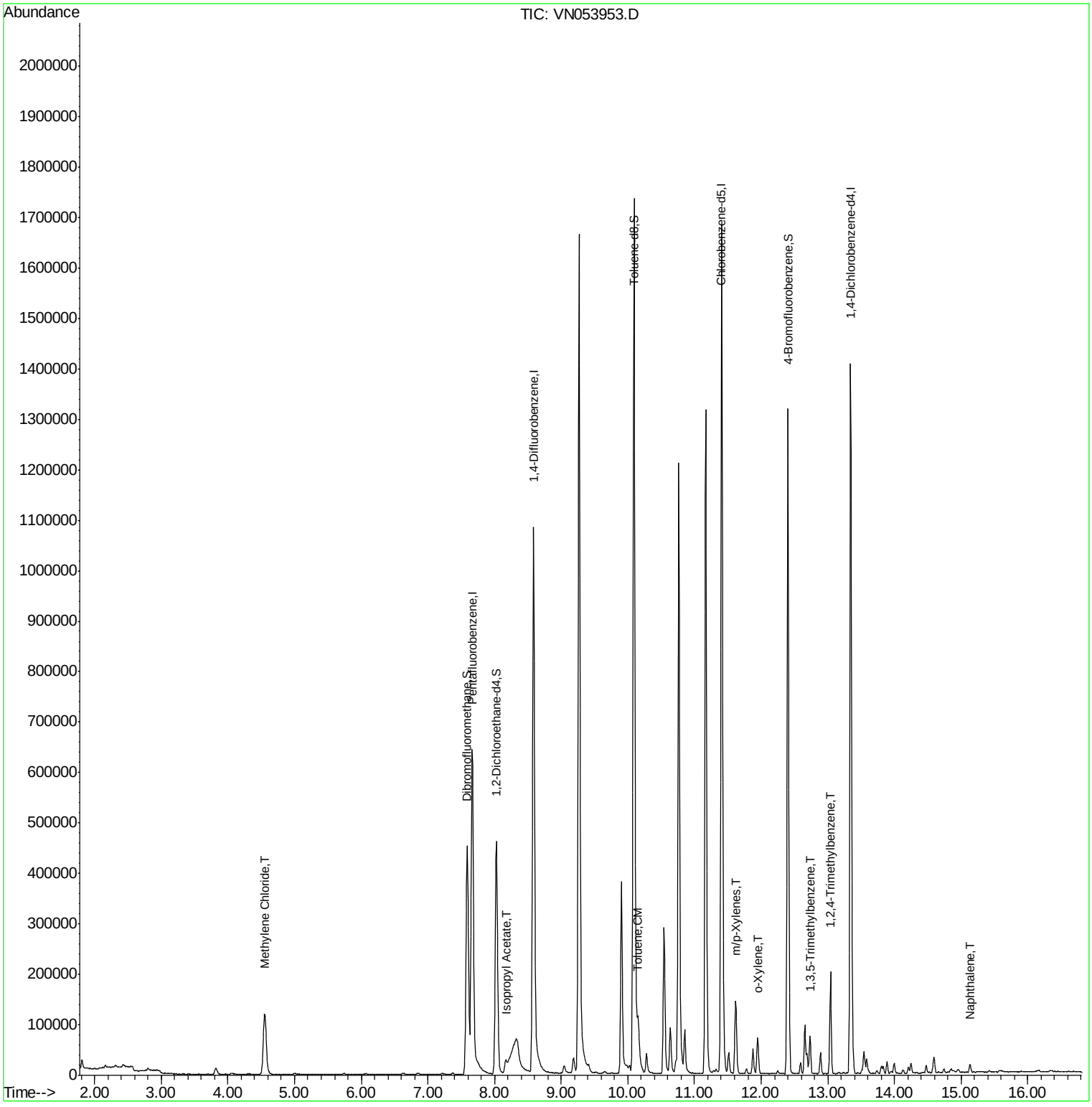
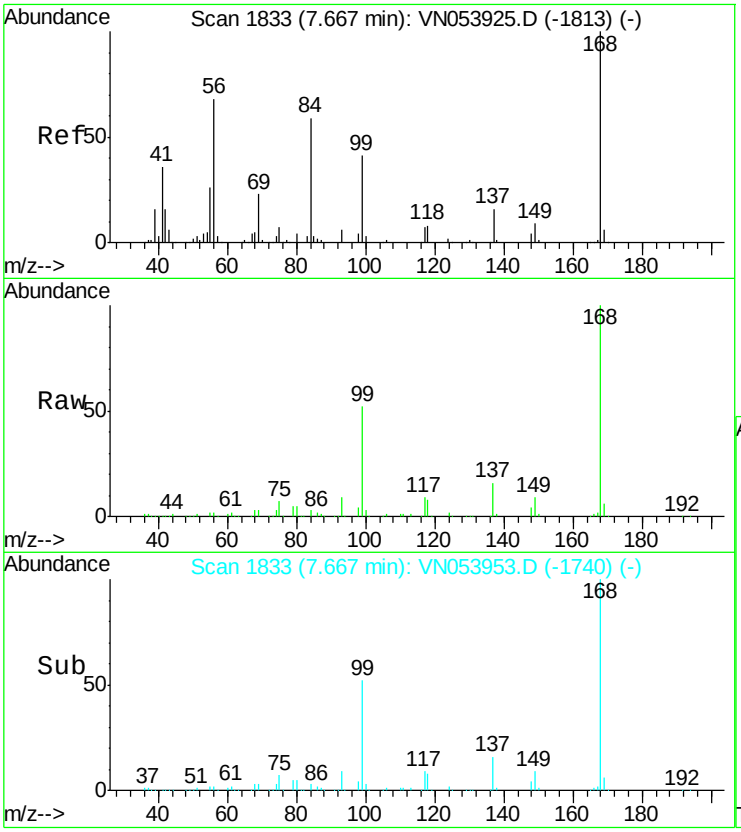


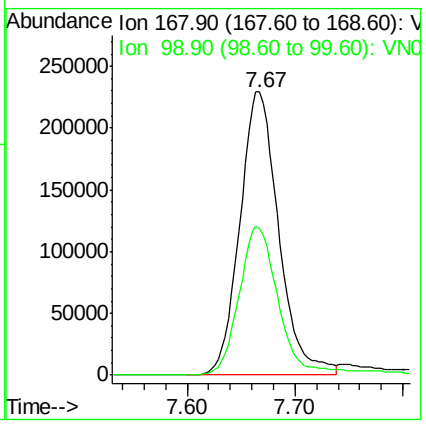


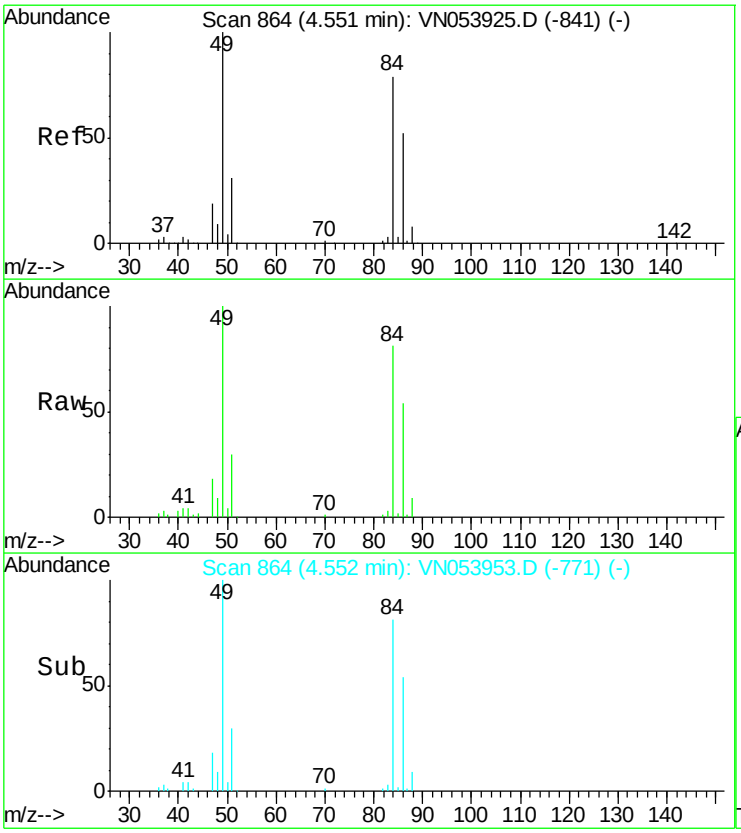
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Instrument :
MSVOA_N
ClientSampleId :
TP-26

Tgt Ion:168 Resp: 573553

Ion	Ratio	Lower	Upper
168	100		
99	51.9	36.9	55.3

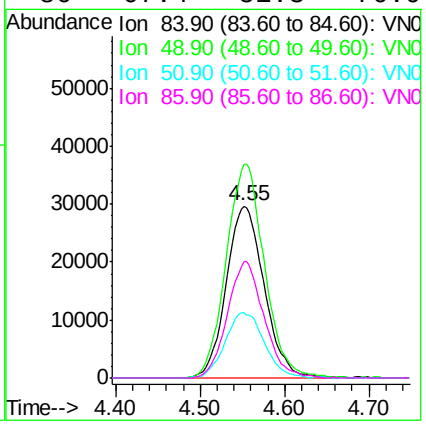


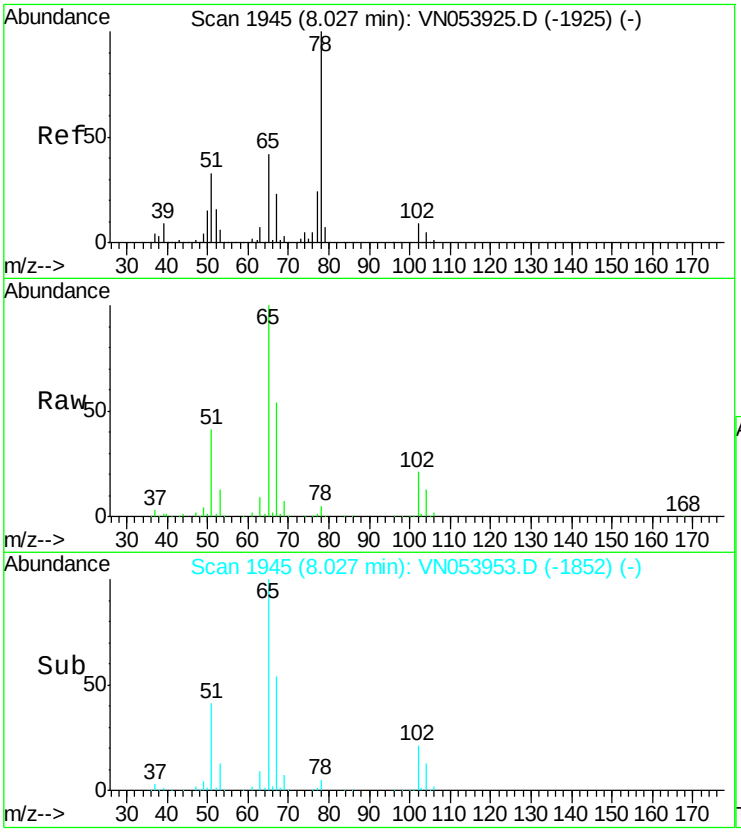


#20
Methylene Chloride
Concen: 13.889 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion: 84 Resp: 92422

Ion	Ratio	Lower	Upper
84	100		
49	124.0	89.7	134.5
51	37.6	27.8	41.8
86	67.4	51.3	76.9



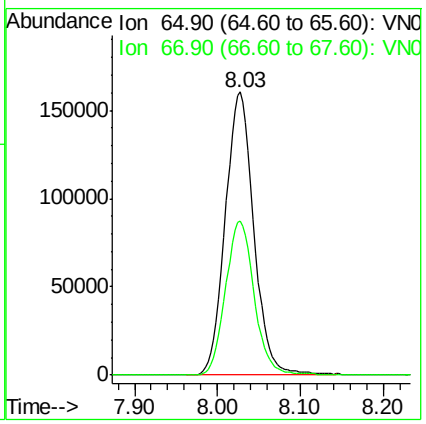


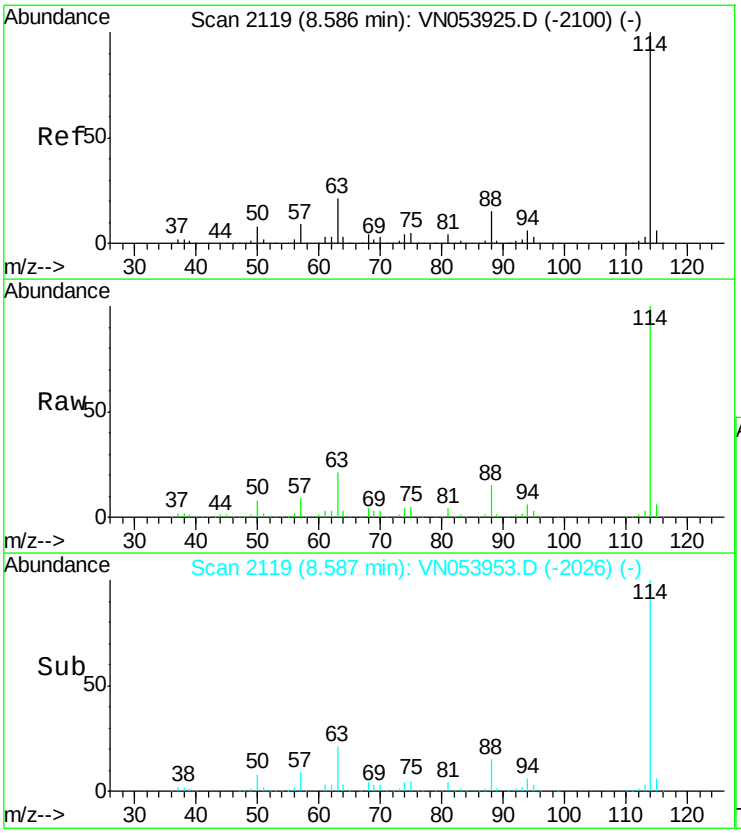
#33
1,2-Dichloroethane-d4
Concen: 57.262 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Instrument : MSVOA_N
ClientSampleId : TP-26

Tgt Ion: 65 Resp: 384991

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	111.8

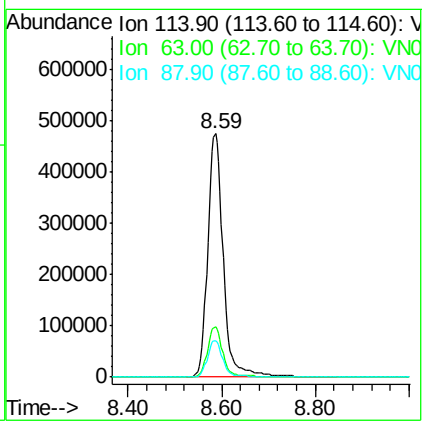


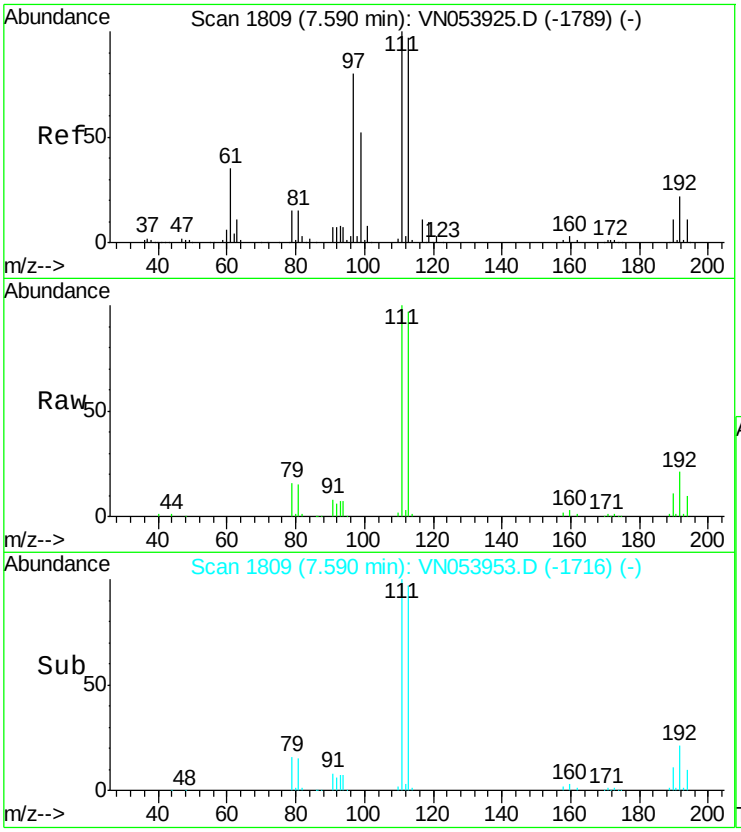


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion:114 Resp: 1092531

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	37.4
88	15.1	0.0	30.4



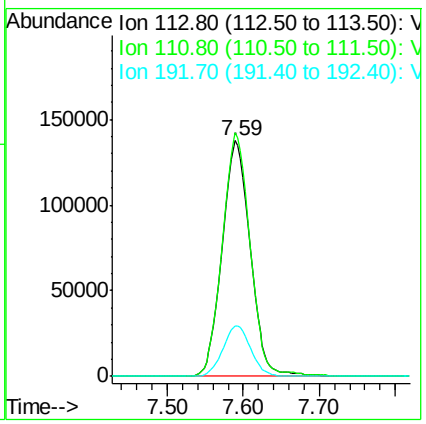


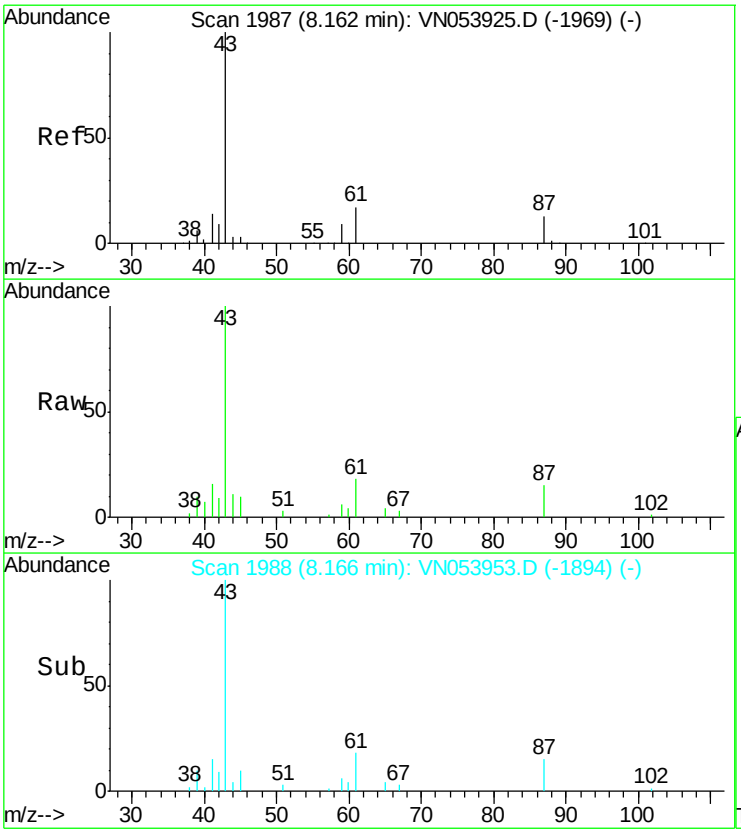
#35
Dibromofluoromethane
Concen: 50.260 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Instrument : MSVOA_N
ClientSampleId : TP-26

Tgt Ion:113 Resp: 355083

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	21.3	18.8	28.2

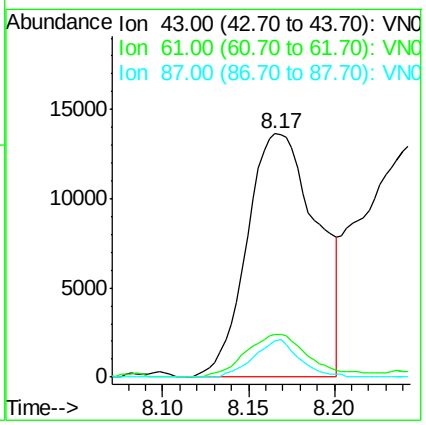


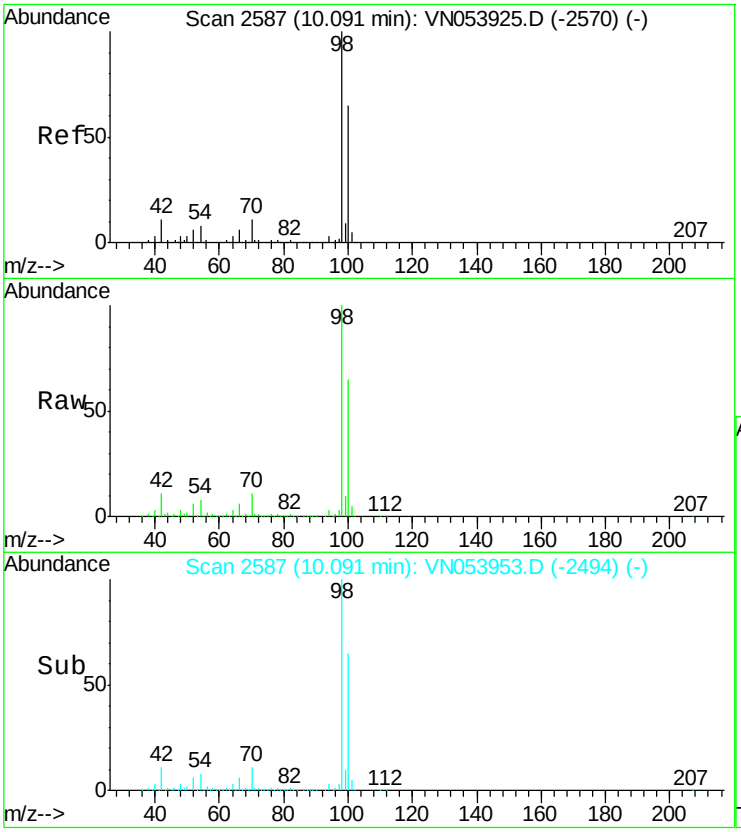


#43
Isopropyl Acetate
Concen: 3.155 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion: 43 Resp: 38647

Ion	Ratio	Lower	Upper
43	100		
61	16.2	17.4	26.0#
87	10.0	11.5	17.3#



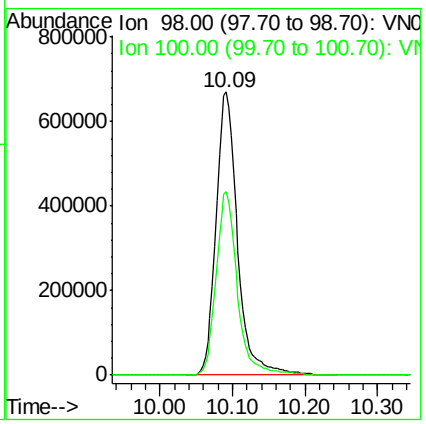


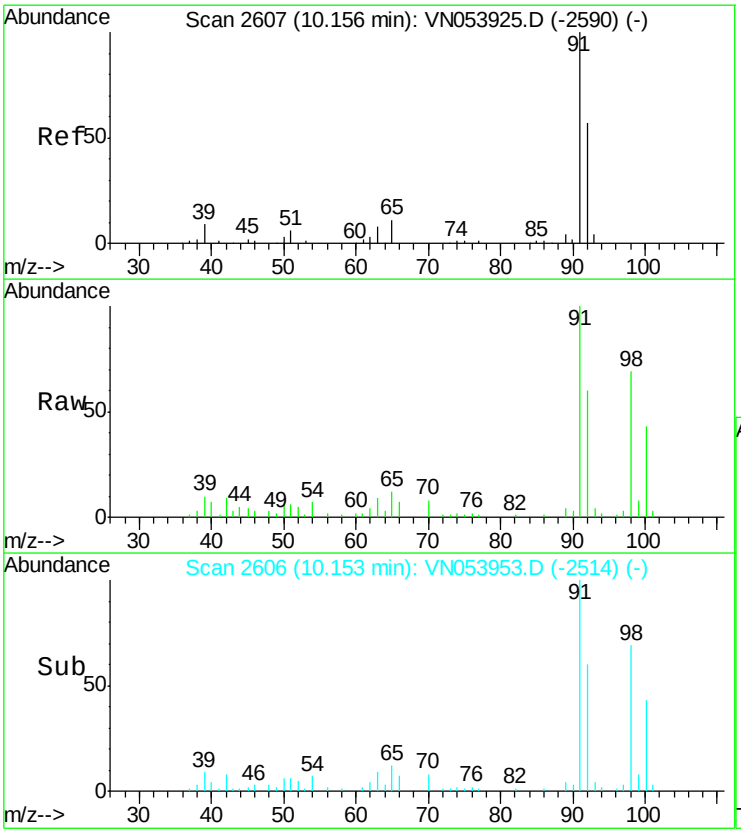
#50
Toluene-d8
Concen: 52.342 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Instrument : MSVOA_N
ClientSampleId : TP-26

Tgt Ion: 98 Resp: 1376580

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9

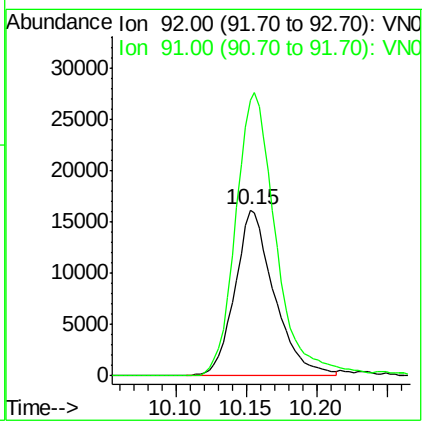


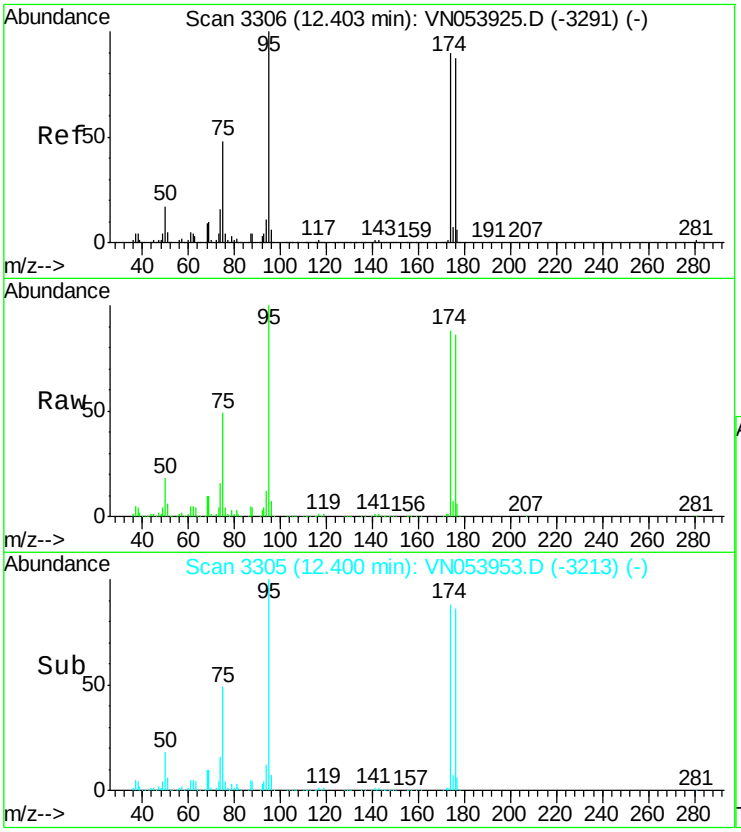


#52
Toluene
Concen: 1.722 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion: 92 Resp: 31651

Ion	Ratio	Lower	Upper
92	100		
91	174.2	138.4	207.6



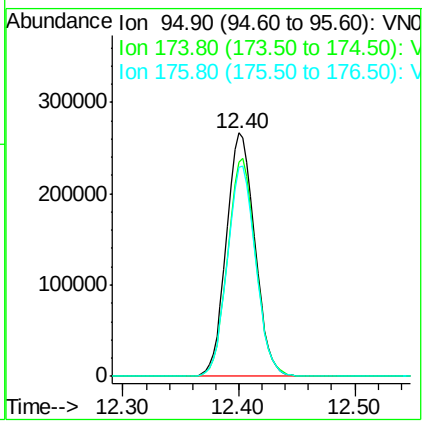


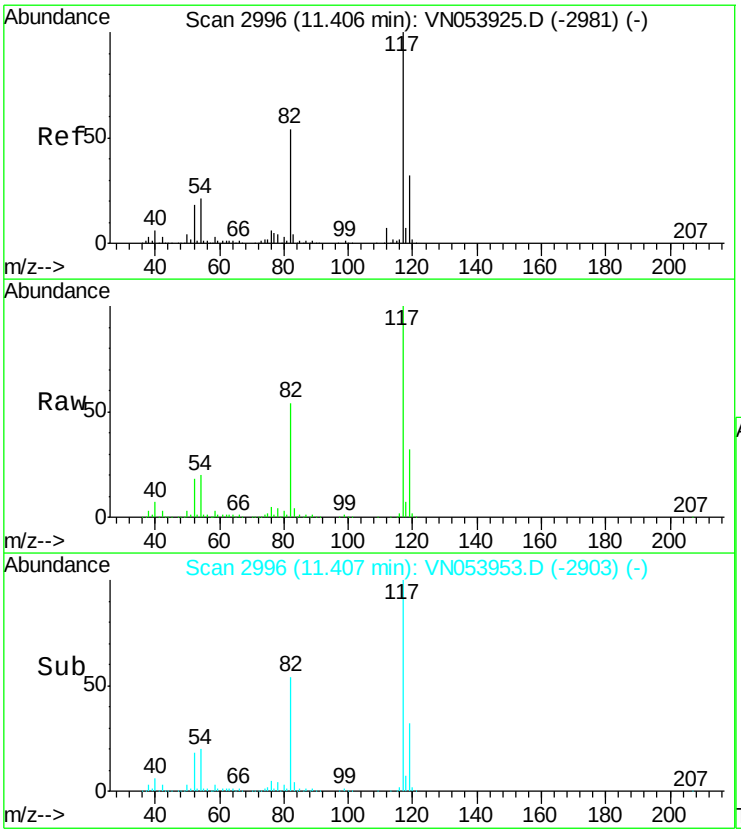
#62
4-Bromofluorobenzene
Concen: 51.488 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Instrument :
MSVOA_N
ClientSampleId :
TP-26

Tgt Ion: 95 Resp: 451155

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	188.8
176	85.9	0.0	182.6

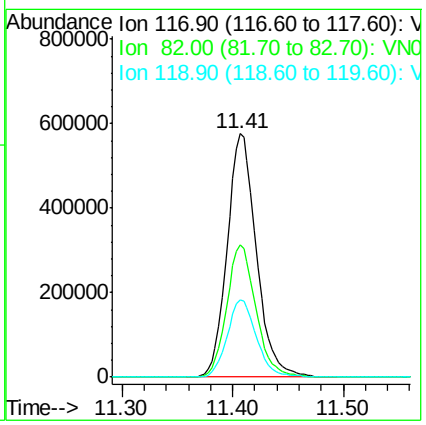


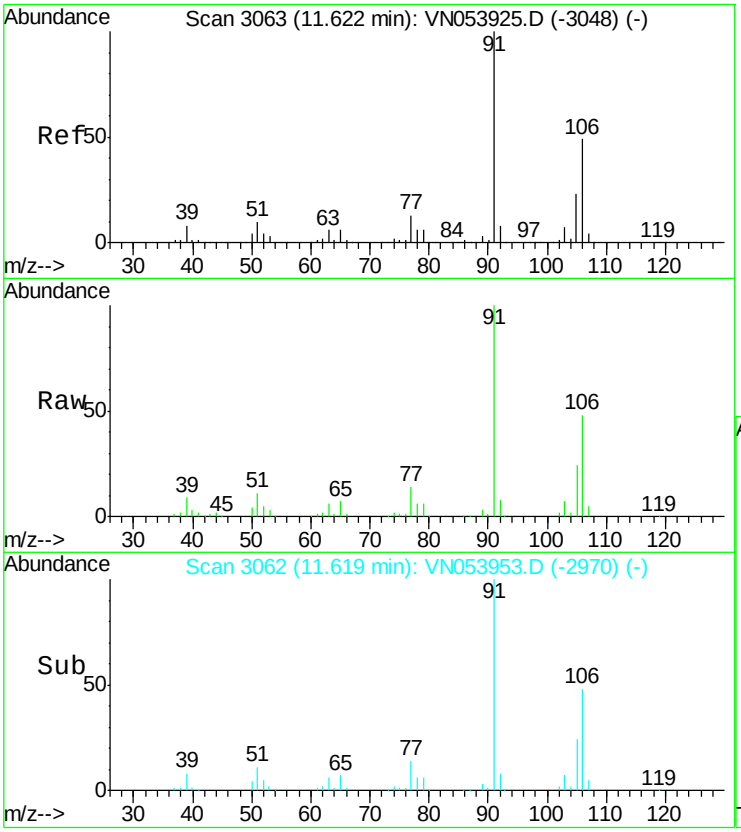


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion:117 Resp: 1059093

Ion	Ratio	Lower	Upper
117	100		
82	54.4	41.4	62.2
119	31.9	25.3	37.9



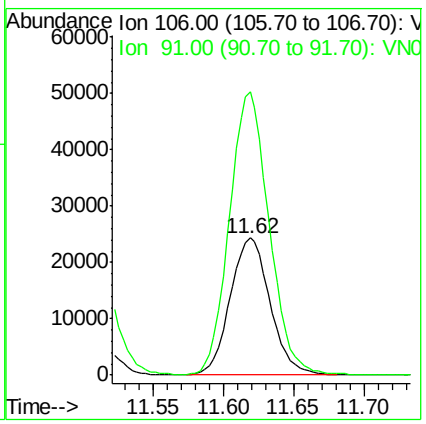


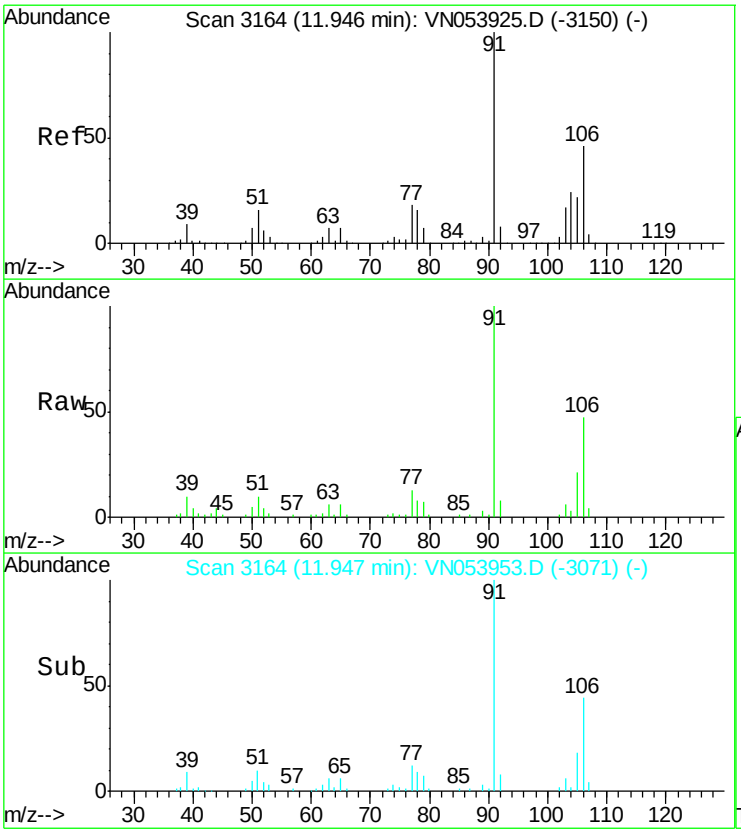
#68
m/p-Xylenes
Concen: 3.413 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Instrument : MSVOA_N
ClientSampleId : TP-26

Tgt Ion:106 Resp: 48270

Ion	Ratio	Lower	Upper
106	100		
91	205.4	158.9	238.3

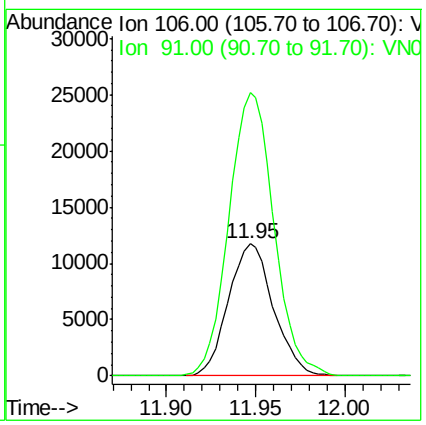


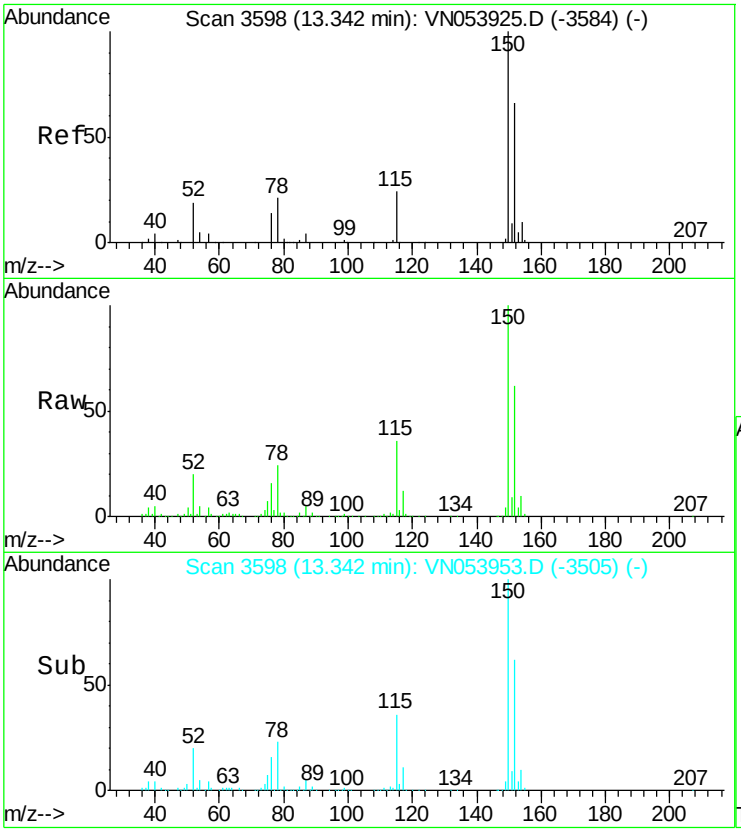


#69
o-Xylene
Concen: 1.488 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion:106 Resp: 20679

Ion	Ratio	Lower	Upper
106	100		
91	214.4	106.0	318.0



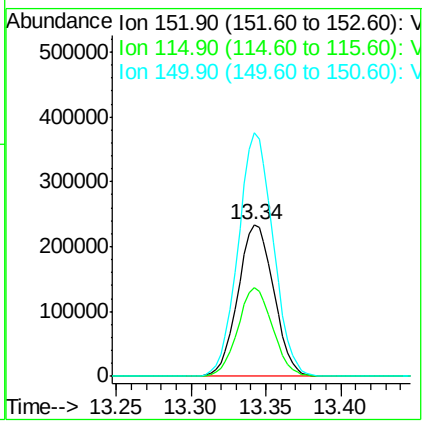


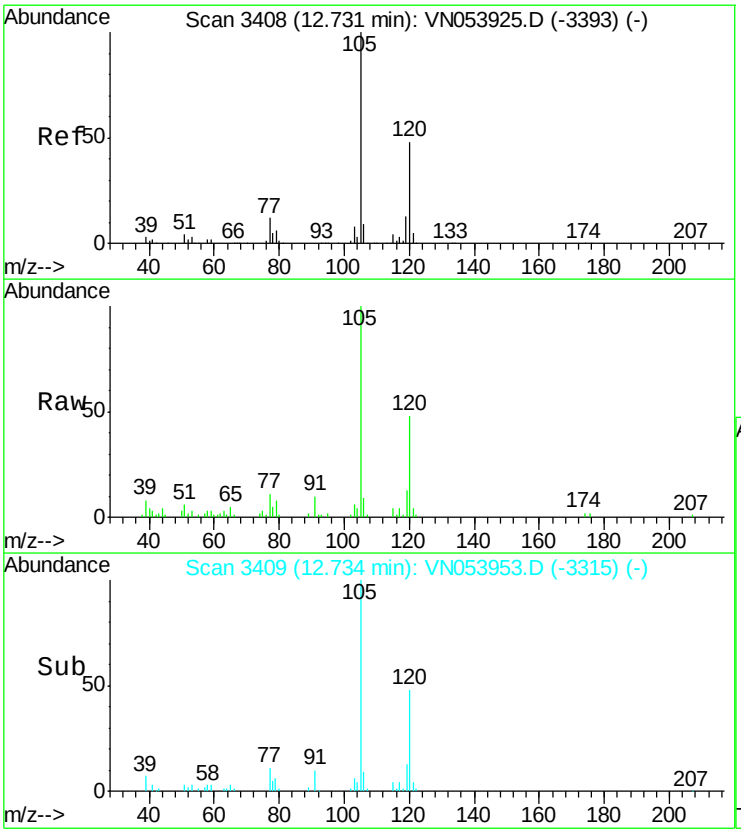
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Instrument : MSVOA_N
ClientSampleId : TP-26

Tgt Ion:152 Resp: 388949

Ion	Ratio	Lower	Upper
152	100		
115	57.0	27.2	81.6
150	157.4	0.0	348.2

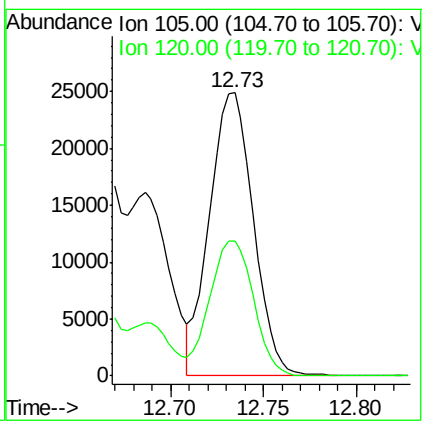


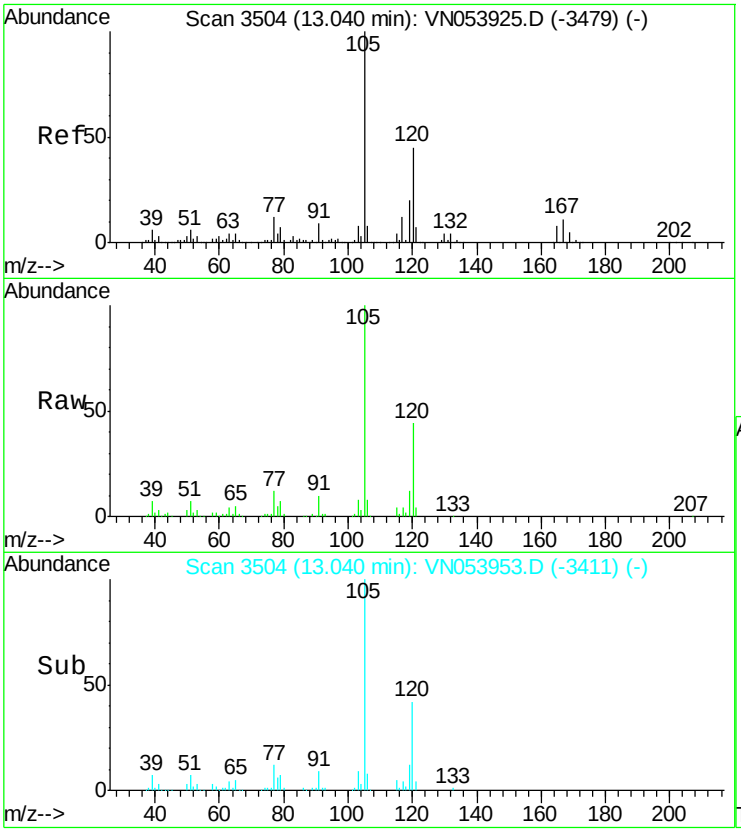


#80
1,3,5-Trimethylbenzene
Concen: 1.653 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion:105 Resp: 40971

Ion	Ratio	Lower	Upper
105	100		
120	47.5	25.1	75.2



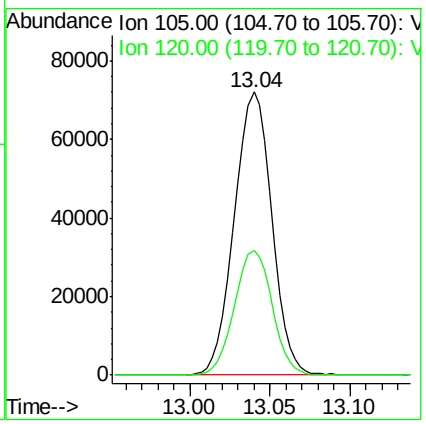


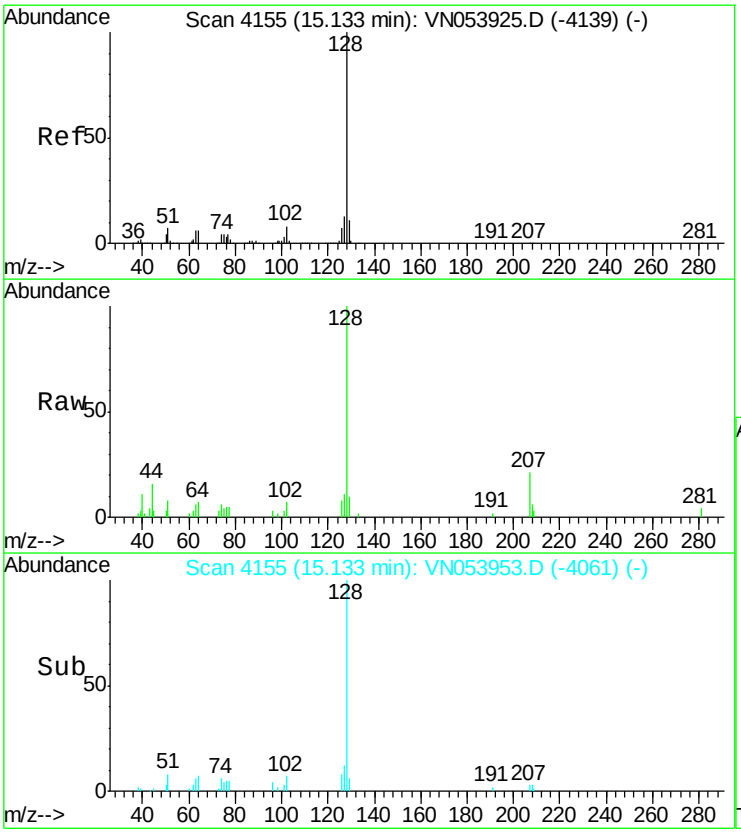
#84
1,2,4-Trimethylbenzene
Concen: 4.645 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Instrument :
MSVOA_N
ClientSampleId :
TP-26

Tgt Ion:105 Resp: 114943

Ion	Ratio	Lower	Upper
105	100		
120	44.4	23.2	69.5





#95
Naphthalene
Concen: 4.070 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053953.D
Acq: 26 Feb 2019 14:24

Tgt Ion:128 Resp: 14128

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.6	12.8