Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030519\
Data File : VN054107.D
Acq On : 5 Mar 2019 18:48
Operator : JC/SP
Sample : K1707-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : S12

Quant Time: Mar 06 03:39:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	612310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1097207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1047919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	351029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	376359	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.86%			
35) Dibromofluoromethane	7.59	113	352770	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.44%			
50) Toluene-d8	10.09	98	1385688	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.92%			
62) 4-Bromofluorobenzene	12.40	95	442365	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
Target Compounds						Qvalue
20) Methylene Chloride	4.55	84	284581	40.060	ug/l	91
43) Isopropyl Acetate	8.17	43	27558	2.240	ug/l	93
67) Ethyl Benzene	11.51	91	51535	1.390	ug/l	94
68) m/p-Xylenes	11.62	106	97012	6.933	ug/l	96
69) o-Xylene	11.95	106	49477	3.598	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	84332	3.770	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	354291	15.864	ug/l	98
95) Naphthalene	15.13	128	7786	3.736	ug/l #	90

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

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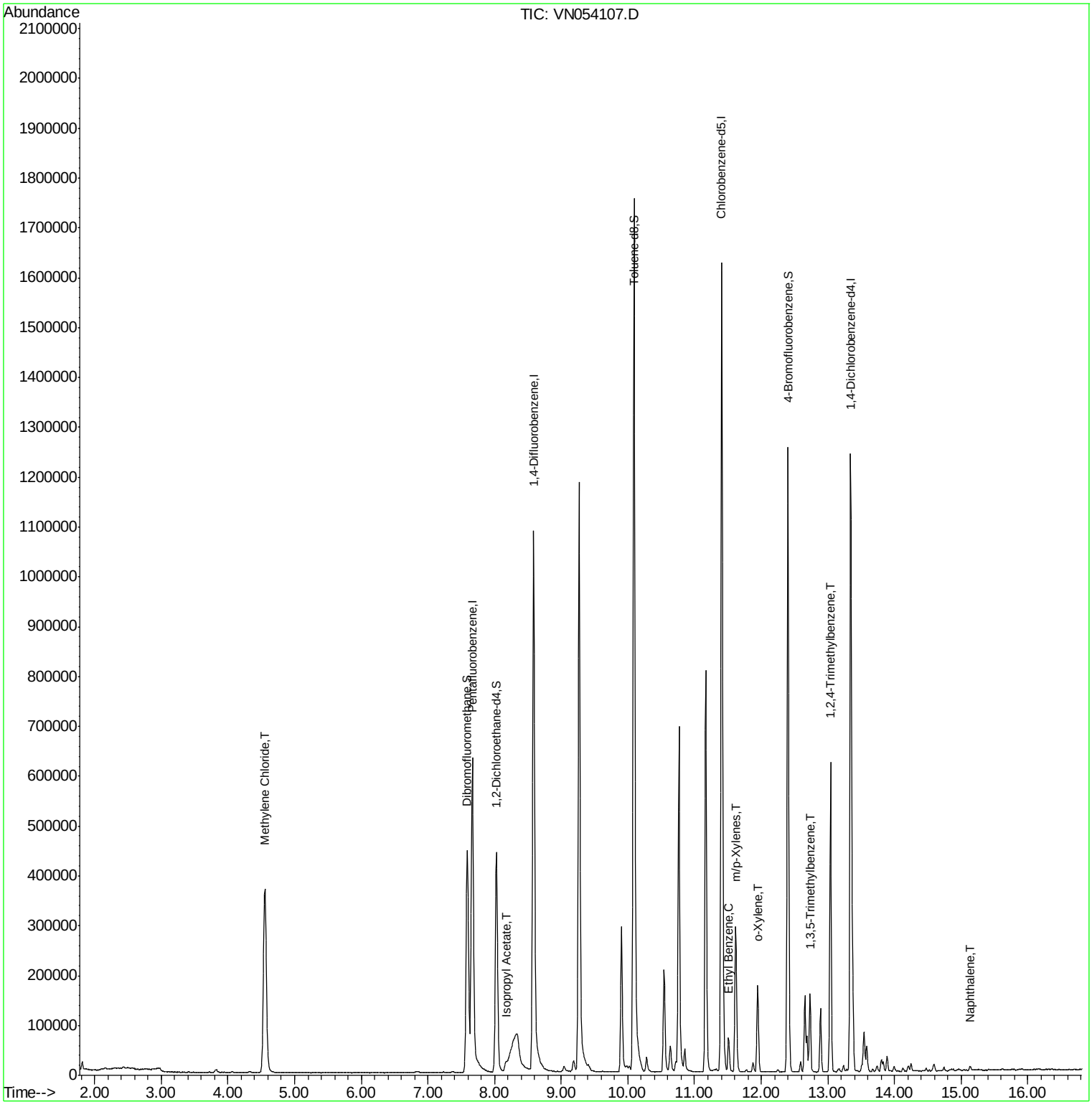
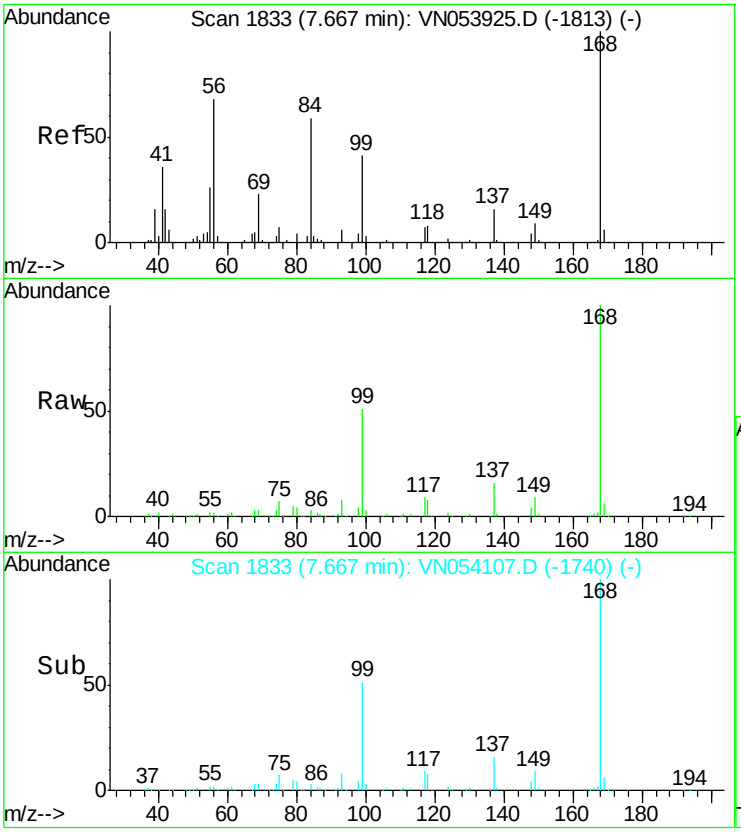


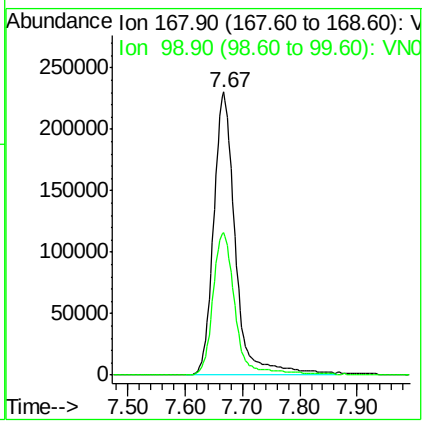


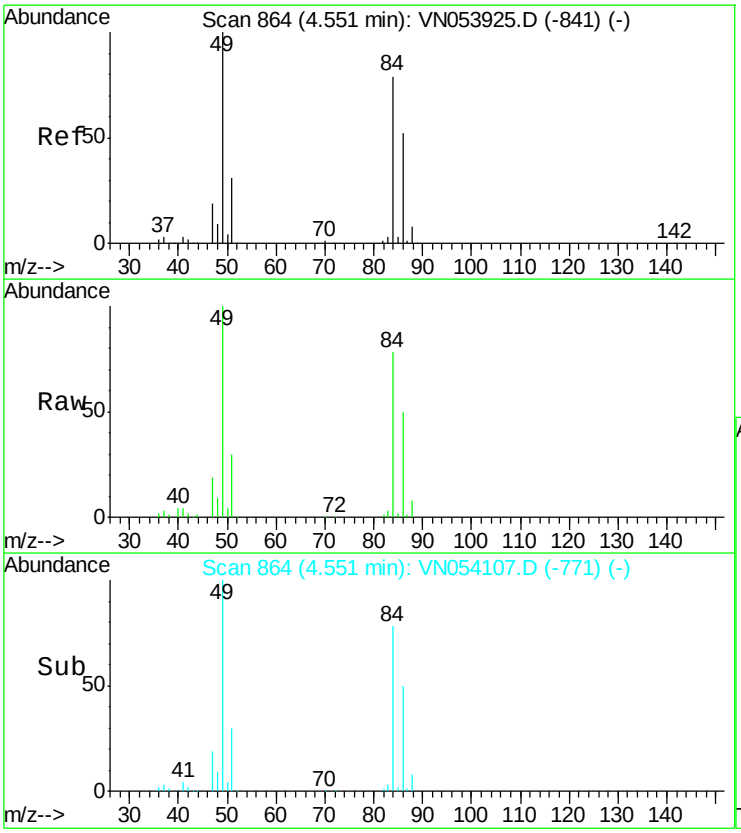
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
S12

Tgt Ion:168 Resp: 612310

Ion	Ratio	Lower	Upper
168	100		
99	50.5	36.9	55.3

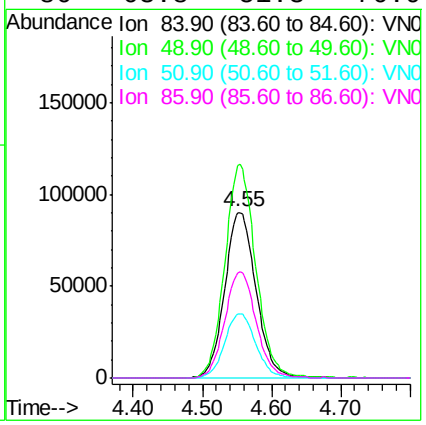


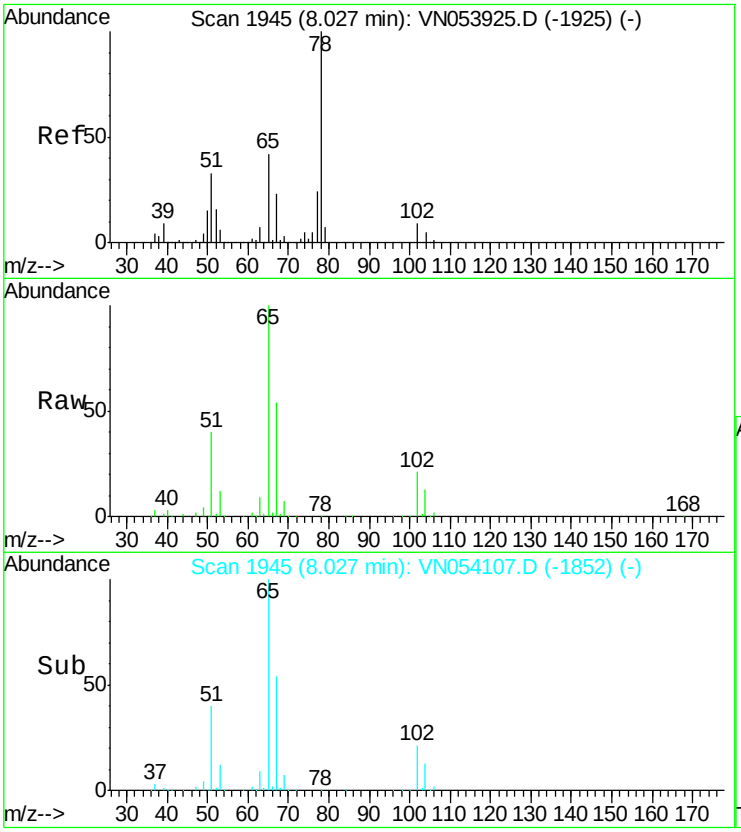


#20
Methylene Chloride
Concen: 40.060 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion: 84 Resp: 284581

Ion	Ratio	Lower	Upper
84	100		
49	128.7	89.7	134.5
51	38.7	27.8	41.8
86	63.8	51.3	76.9



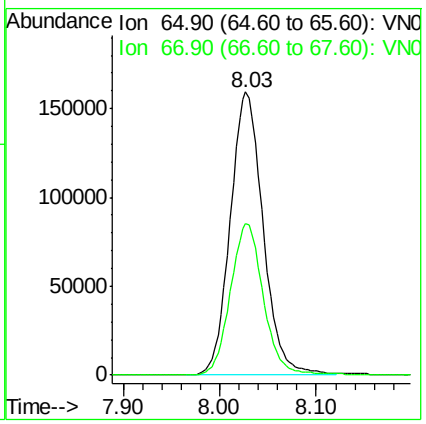


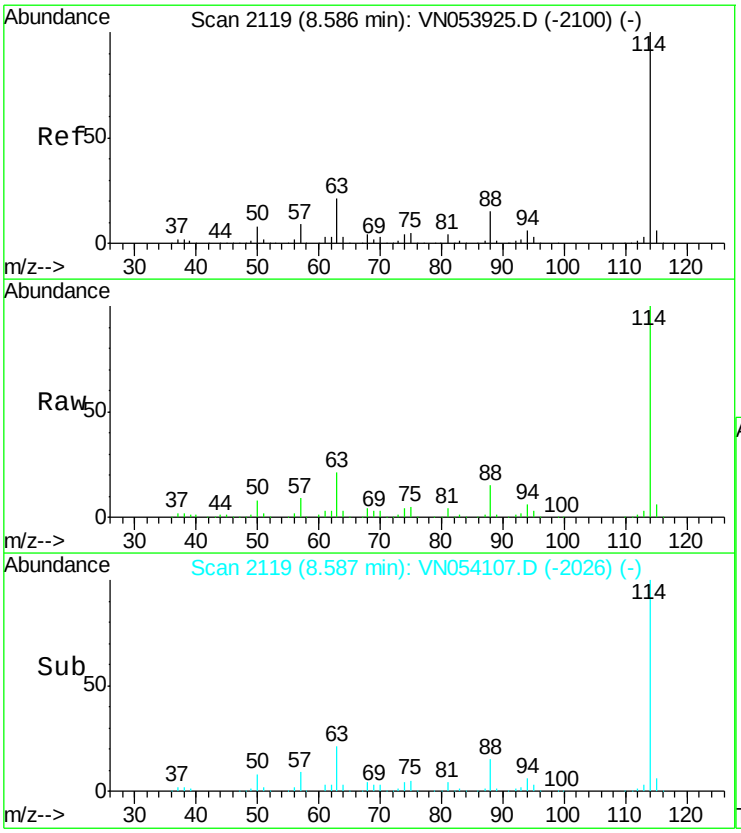
#33
1,2-Dichloroethane-d4
Concen: 52.435 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
S12

Tgt Ion: 65 Resp: 376359

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	111.8

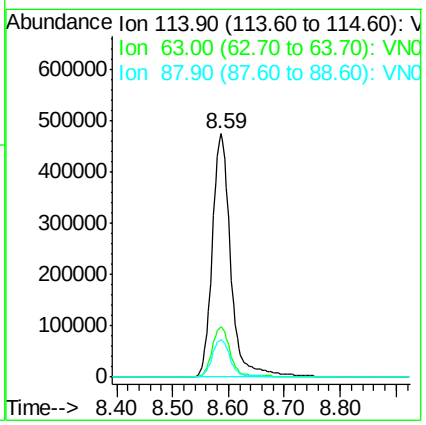


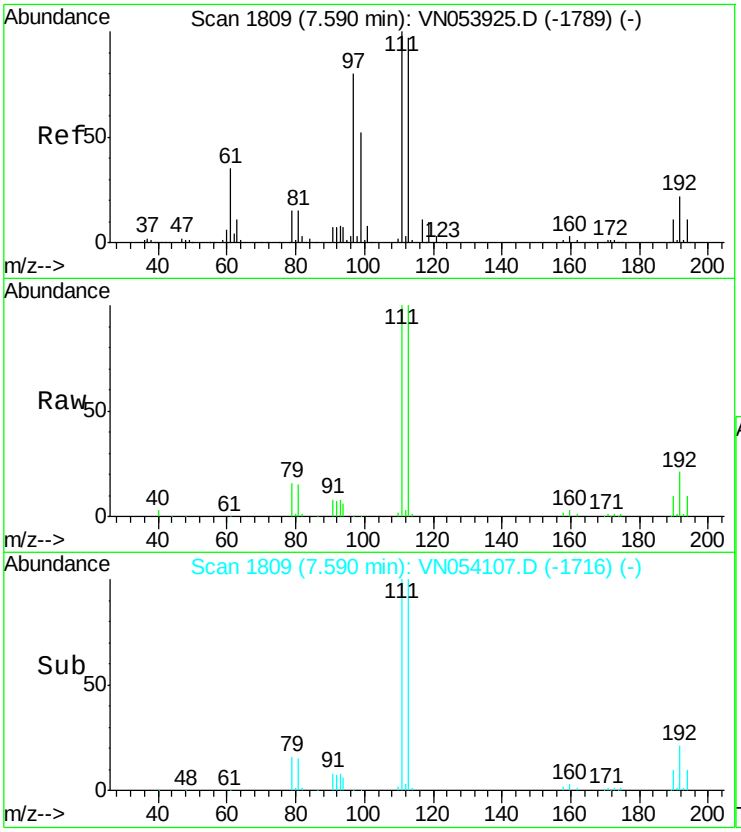


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion:114 Resp: 1097207

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.4
88	15.2	0.0	30.4



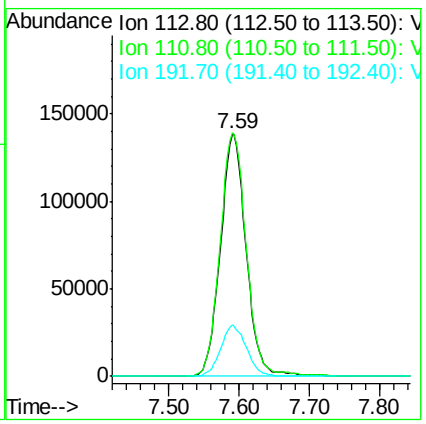


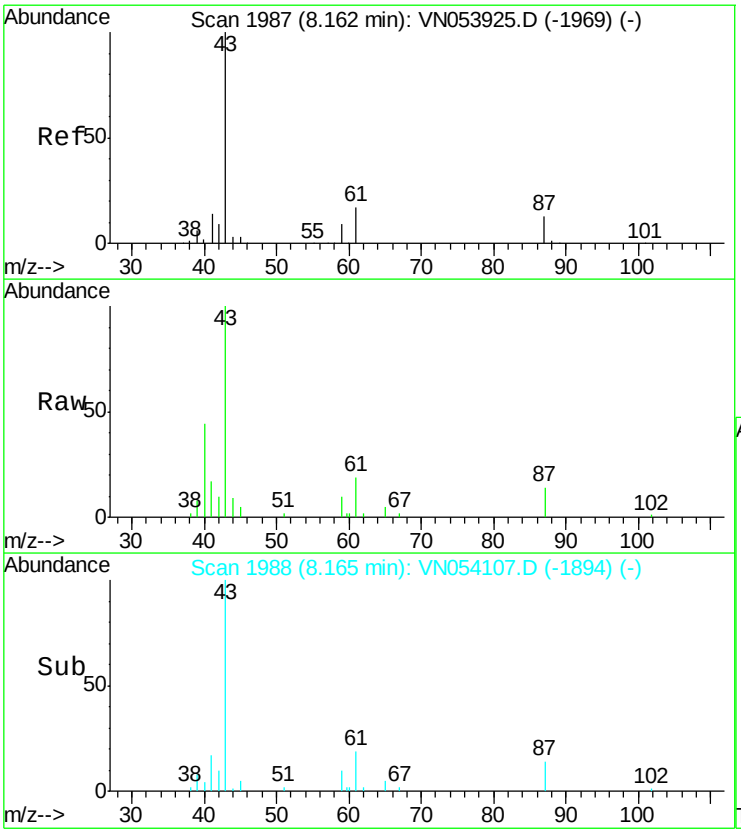
#35
Dibromofluoromethane
Concen: 49.720 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
S12

Tgt Ion:113 Resp: 352770

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	21.2	18.8	28.2

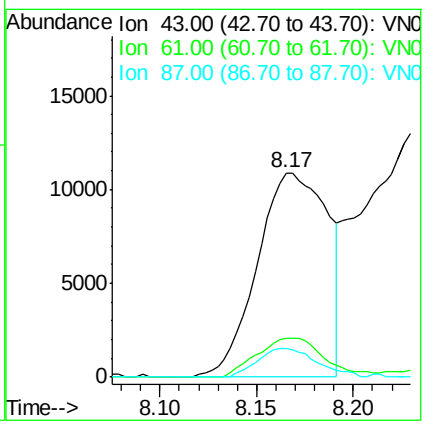


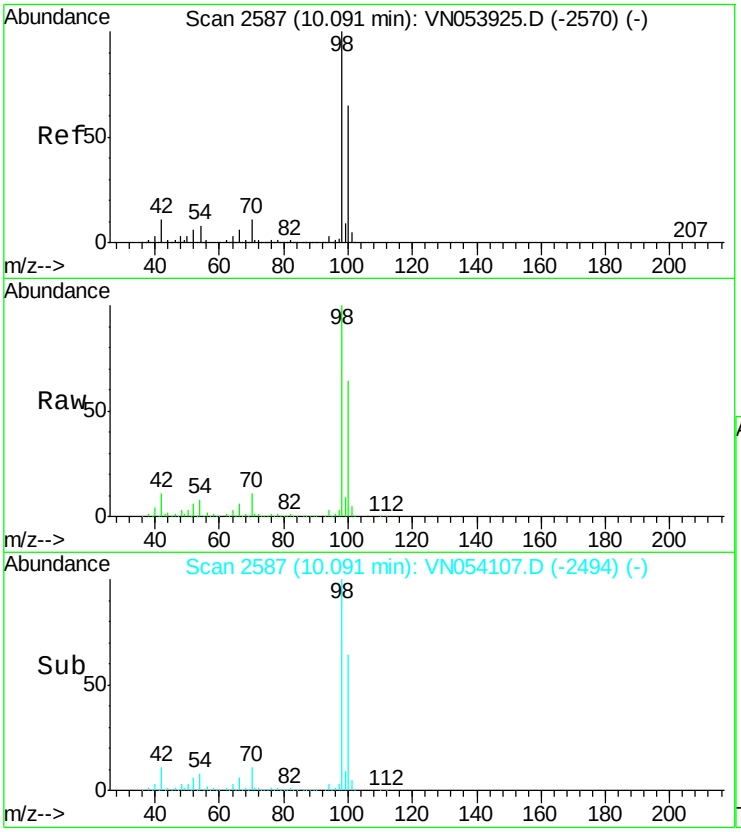


#43
Isopropyl Acetate
Concen: 2.240 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion: 43 Resp: 27558

Ion	Ratio	Lower	Upper
43	100		
61	18.1	17.4	26.0
87	11.8	11.5	17.3



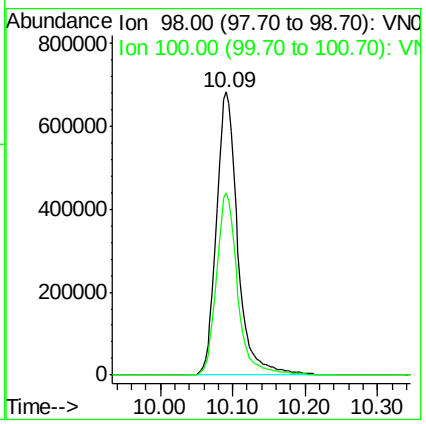


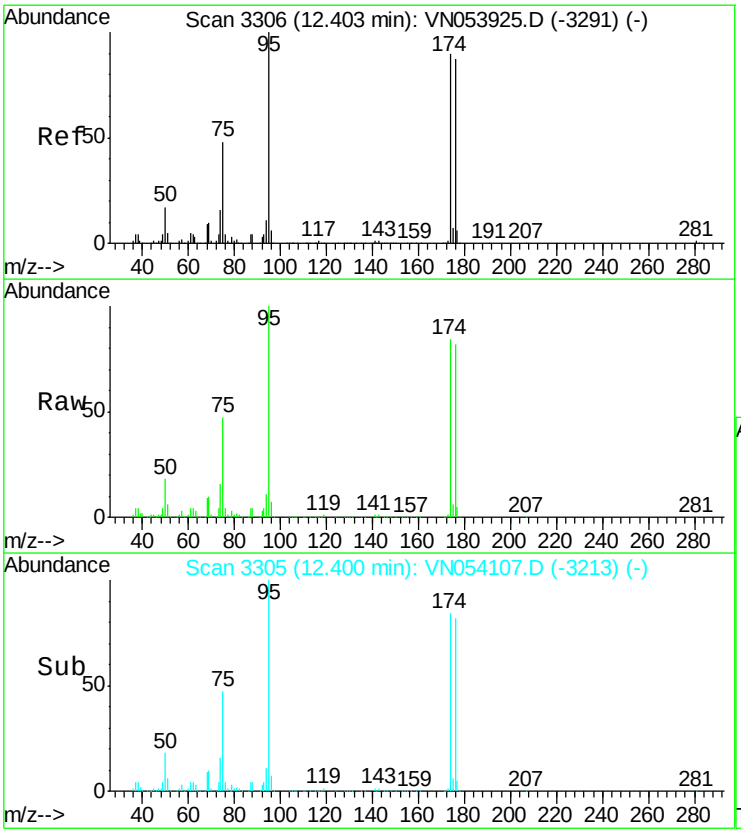
#50
Toluene-d8
Concen: 52.464 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
S12

Tgt Ion: 98 Resp: 1385688

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9

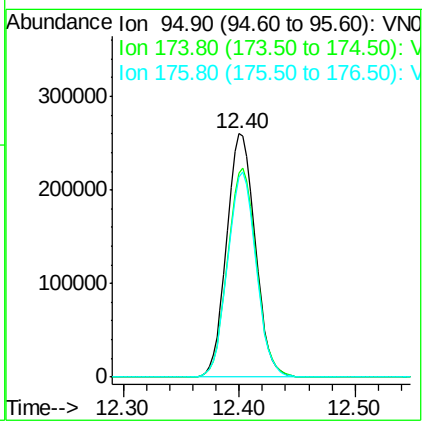


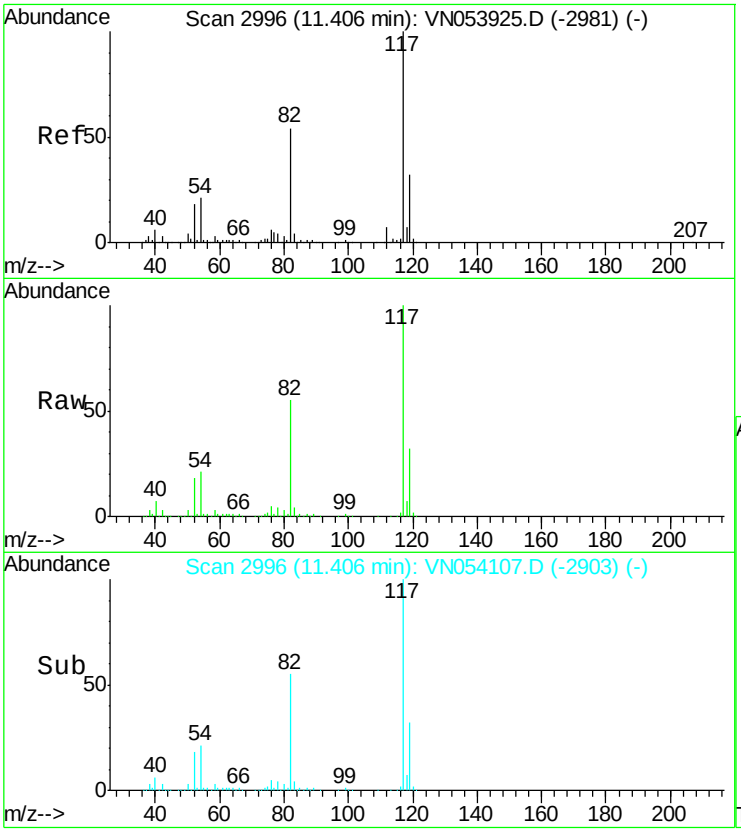


#62
4-Bromofluorobenzene
Concen: 50.270 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion: 95 Resp: 442365

Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	188.8
176	83.8	0.0	182.6



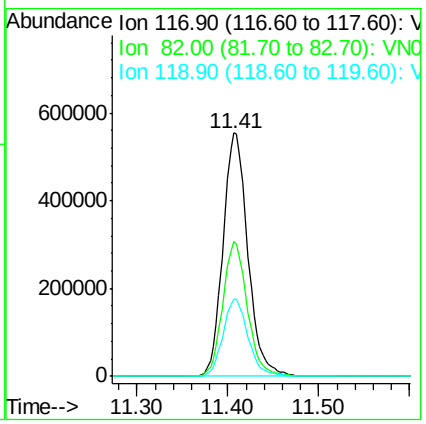


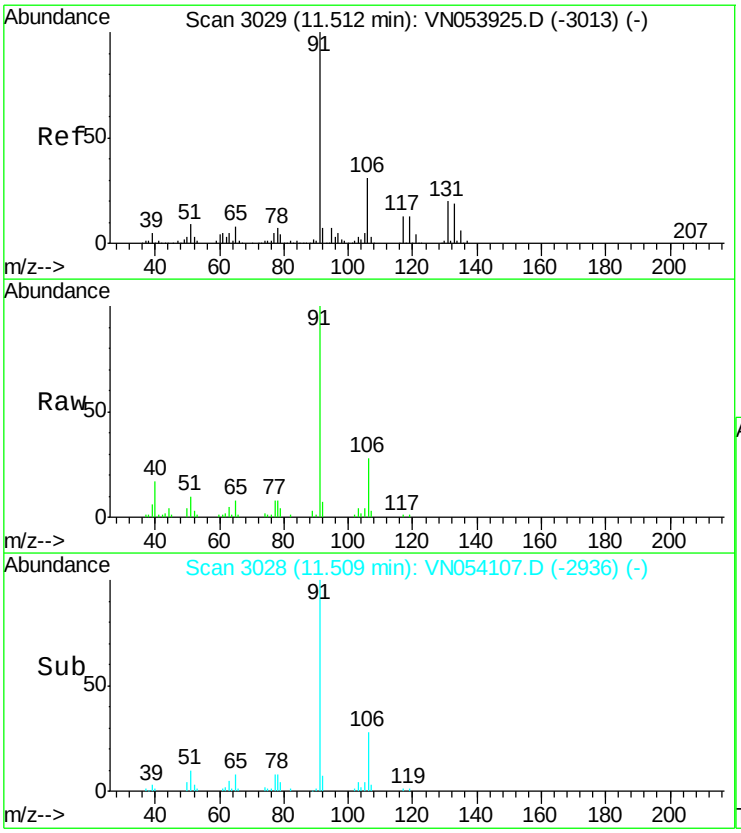
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
S12

Tgt Ion:117 Resp: 1047919

Ion	Ratio	Lower	Upper
117	100		
82	55.2	41.4	62.2
119	31.8	25.3	37.9

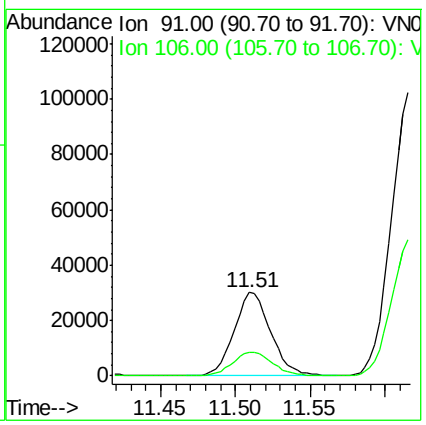


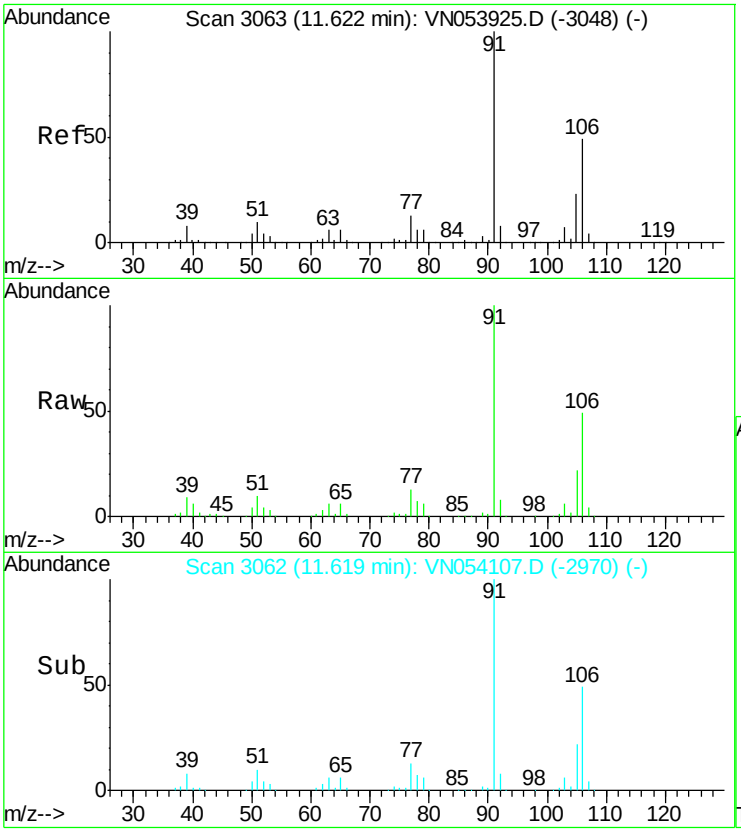


#67
Ethyl Benzene
Concen: 1.390 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion: 91 Resp: 51535

Ion	Ratio	Lower	Upper
91	100		
106	28.0	25.2	37.8



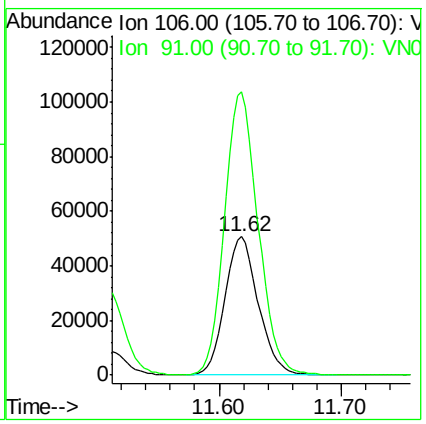


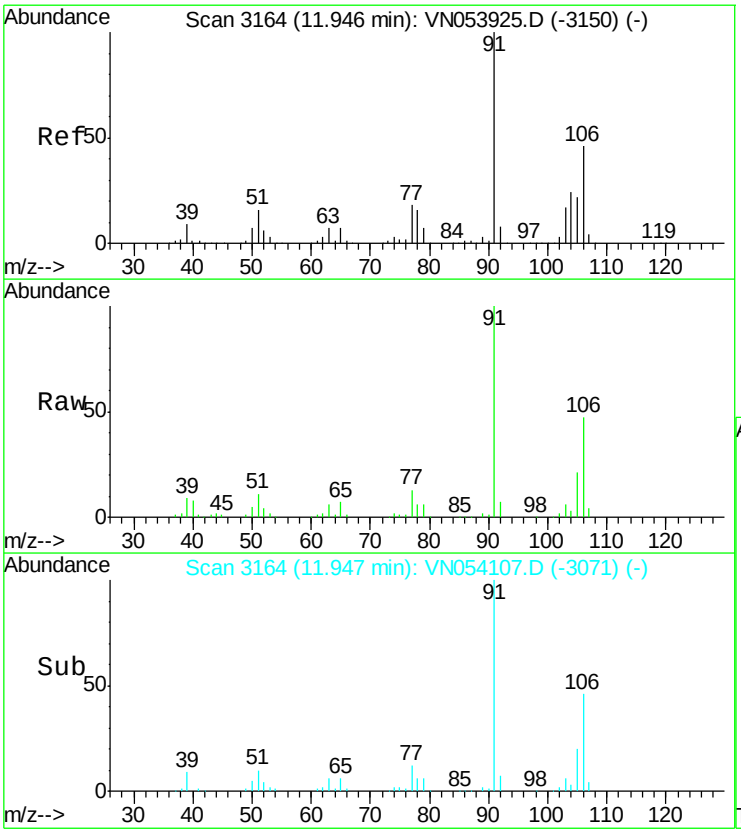
#68
m/p-Xylenes
Concen: 6.933 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
S12

Tgt Ion:106 Resp: 97012

Ion	Ratio	Lower	Upper
106	100		
91	205.2	158.9	238.3

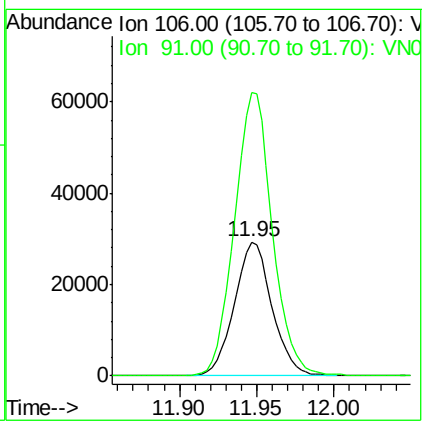


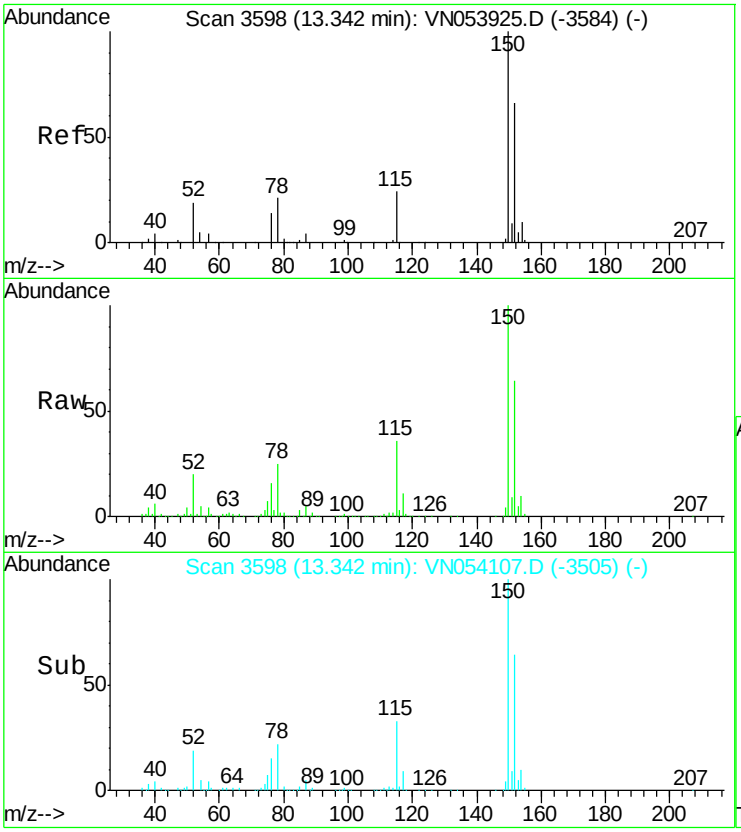


#69
o-Xylene
Concen: 3.598 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion:106 Resp: 49477

Ion	Ratio	Lower	Upper
106	100		
91	212.8	106.0	318.0



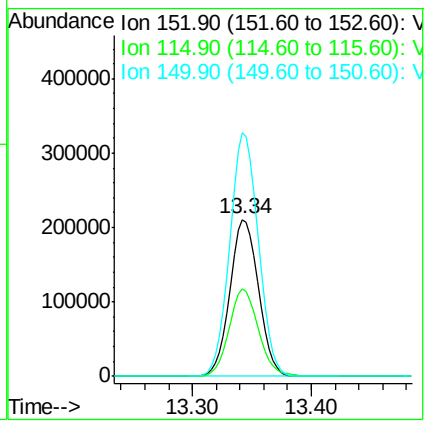


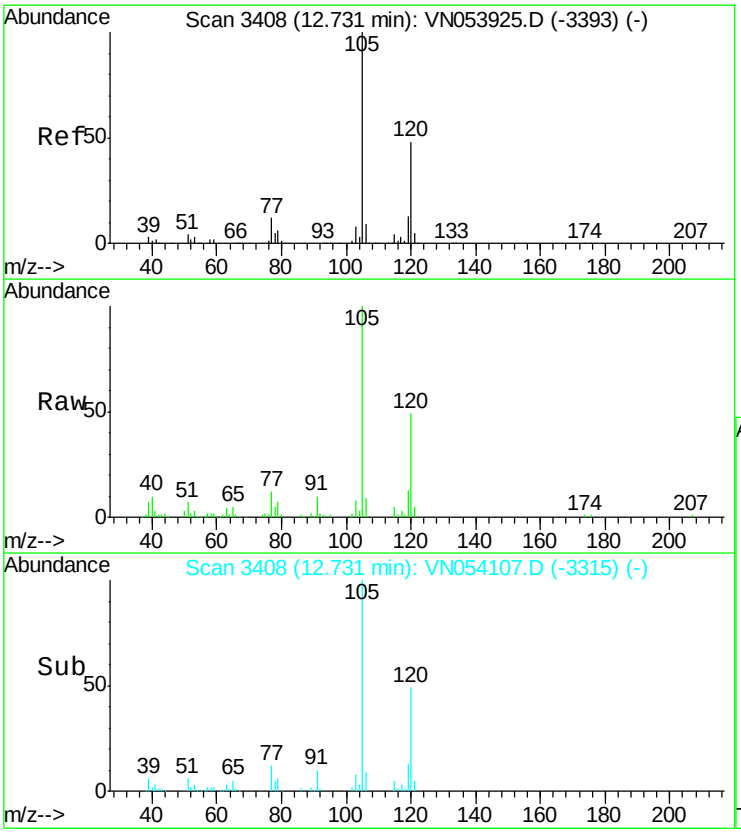
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
S12

Tgt Ion:152 Resp: 351029

Ion	Ratio	Lower	Upper
152	100		
115	57.0	27.2	81.6
150	155.4	0.0	348.2

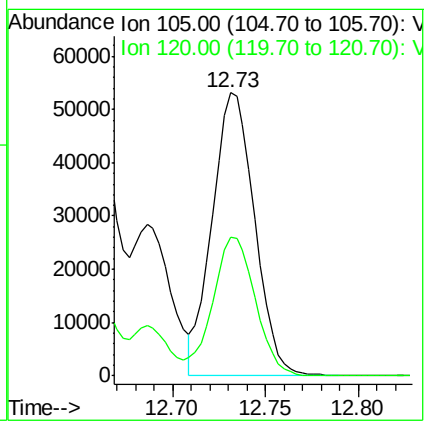


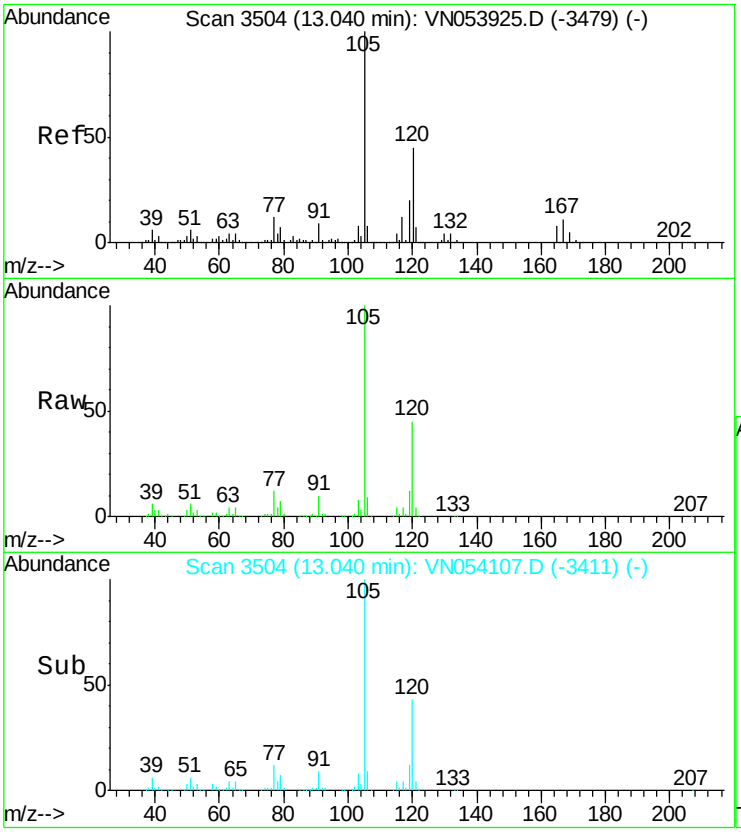


#80
1,3,5-Trimethylbenzene
Concen: 3.770 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion:105 Resp: 84332

Ion	Ratio	Lower	Upper
105	100		
120	49.4	25.1	75.2



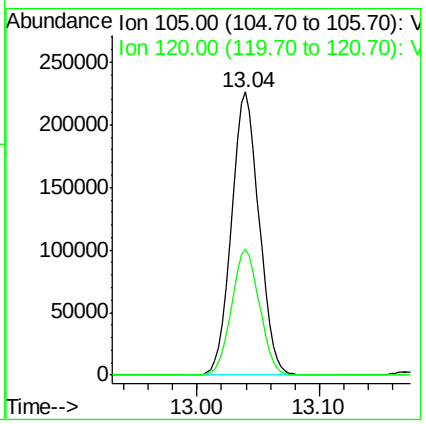


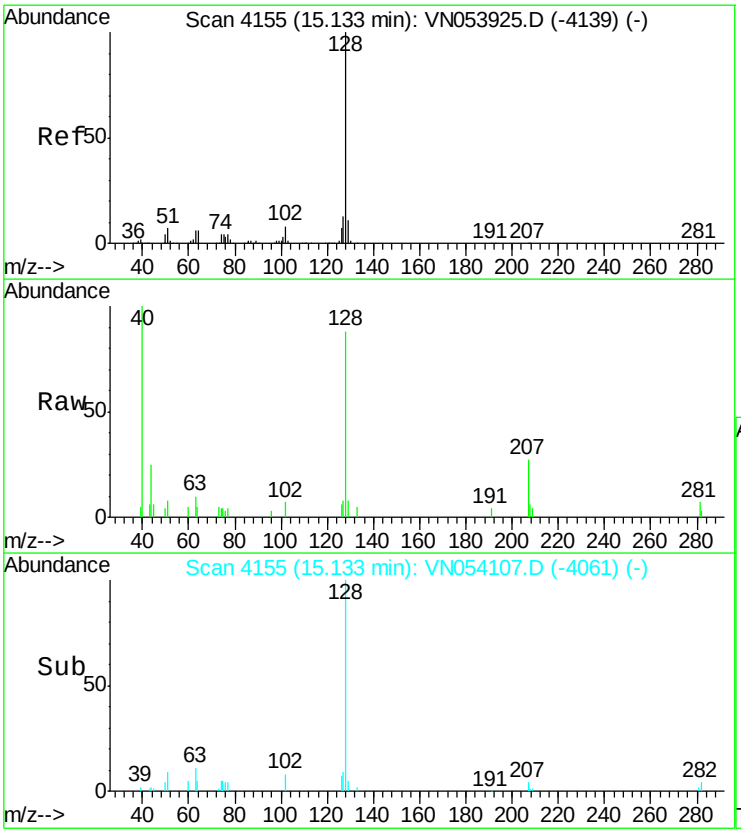
#84
1,2,4-Trimethylbenzene
Concen: 15.864 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
S12

Tgt Ion:105 Resp: 354291

Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.2	69.5





#95
Naphthalene
Concen: 3.736 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion:128 Resp: 7786

Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.2	15.2#
129	10.4	8.6	12.8