Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011119\
Data File : VN053372.D
Acq On : 11 Jan 2019 18:00
Operator : JC/SP
Sample : K1119-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Quant Time: Jan 12 02:33:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1010269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1575399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1496290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	688078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	514331	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.88%			
35) Dibromofluoromethane	7.59	113	451076	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.60%			
50) Toluene-d8	10.09	98	1970147	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.84%			
62) 4-Bromofluorobenzene	12.40	95	696329	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.82%			
Target Compounds						Qvalue
16) Acetone	3.82	43	40308	13.823	ug/l	94
20) Methylene Chloride	4.55	84	224388	19.877	ug/l	97
43) Isopropyl Acetate	8.17	43	45438	2.411	ug/l #	78
68) m/p-Xylenes	11.62	106	37234	1.793	ug/l	98
69) o-Xylene	11.95	106	27694	1.362	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	88328	2.140	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	370545	8.814	ug/l	100
95) Naphthalene	15.13	128	289369	23.919	ug/l	100

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

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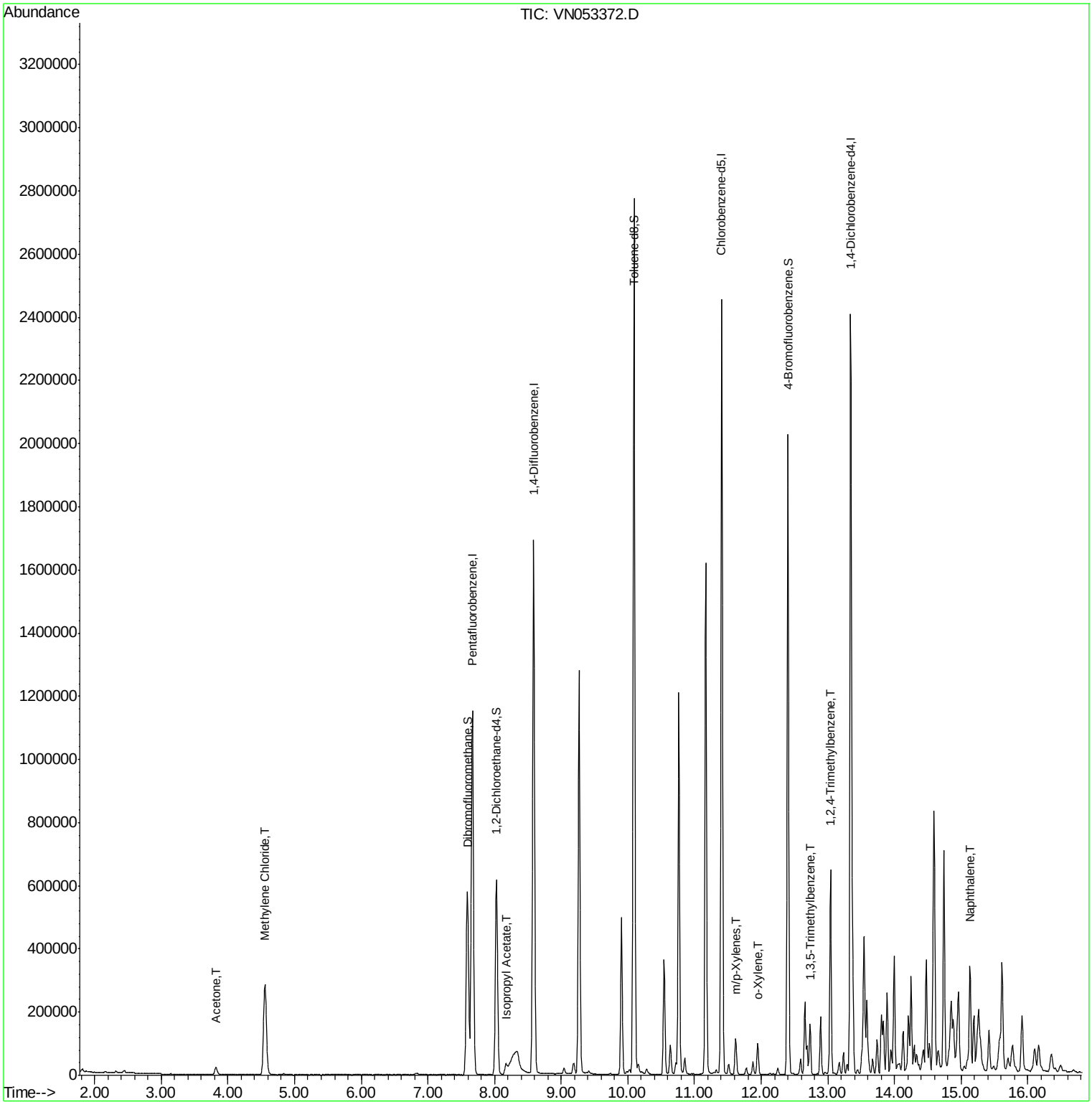
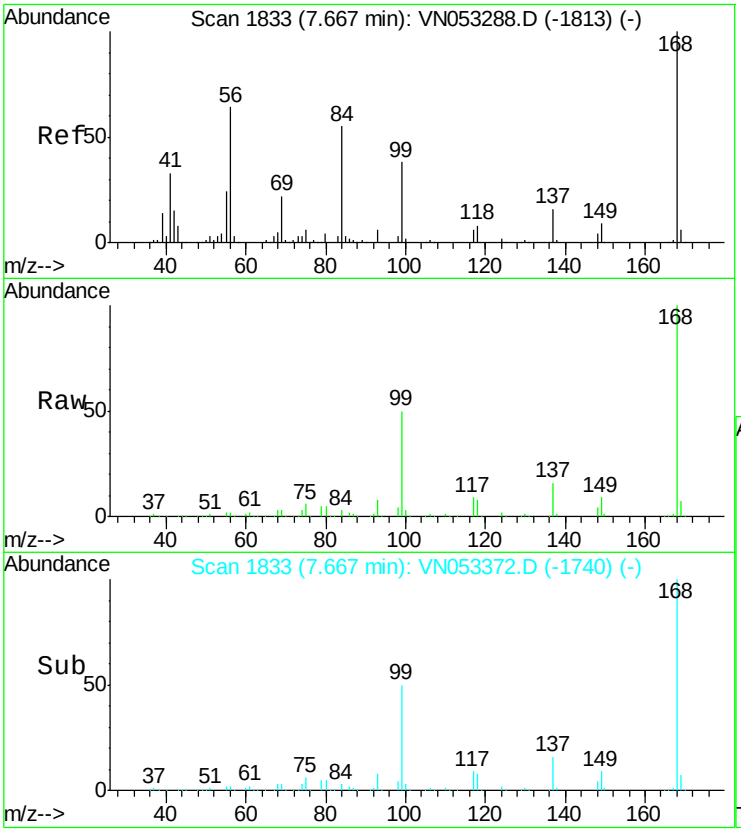
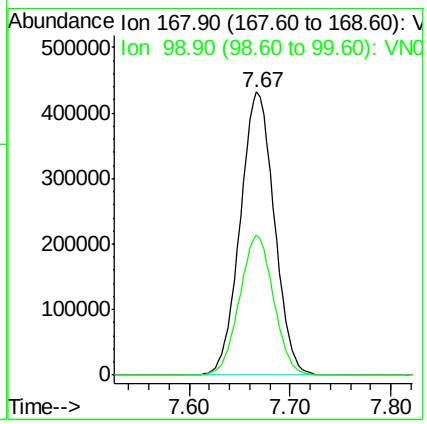


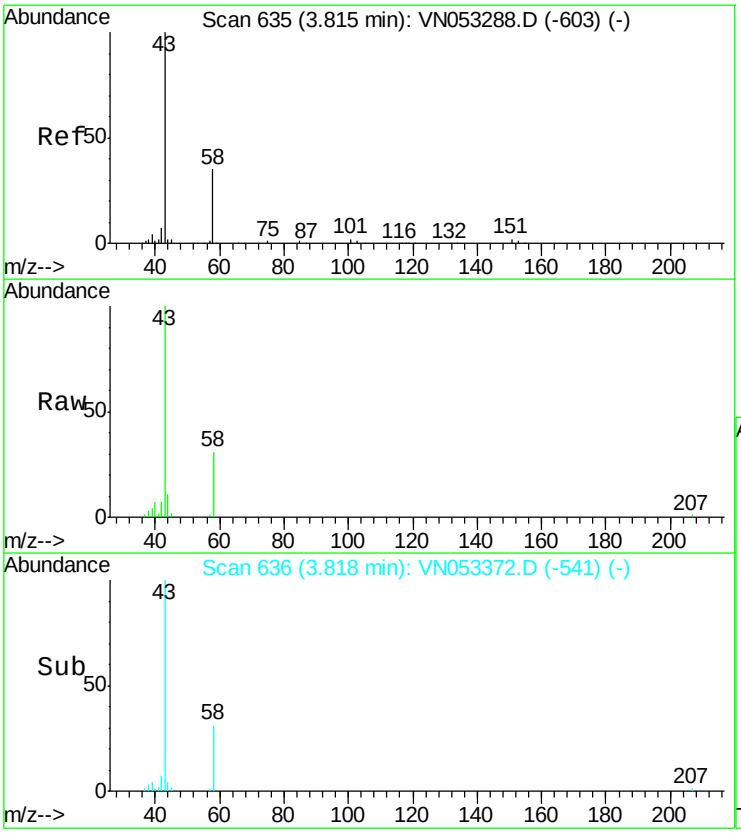


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:168 Resp: 1010269

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.1	58.7

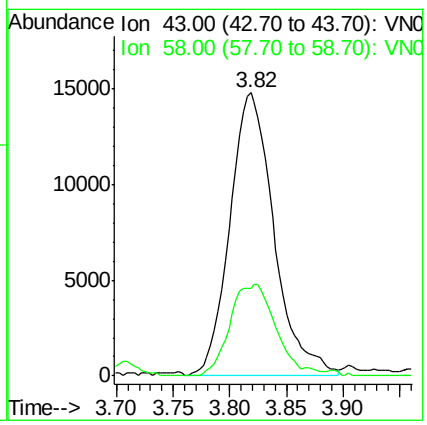


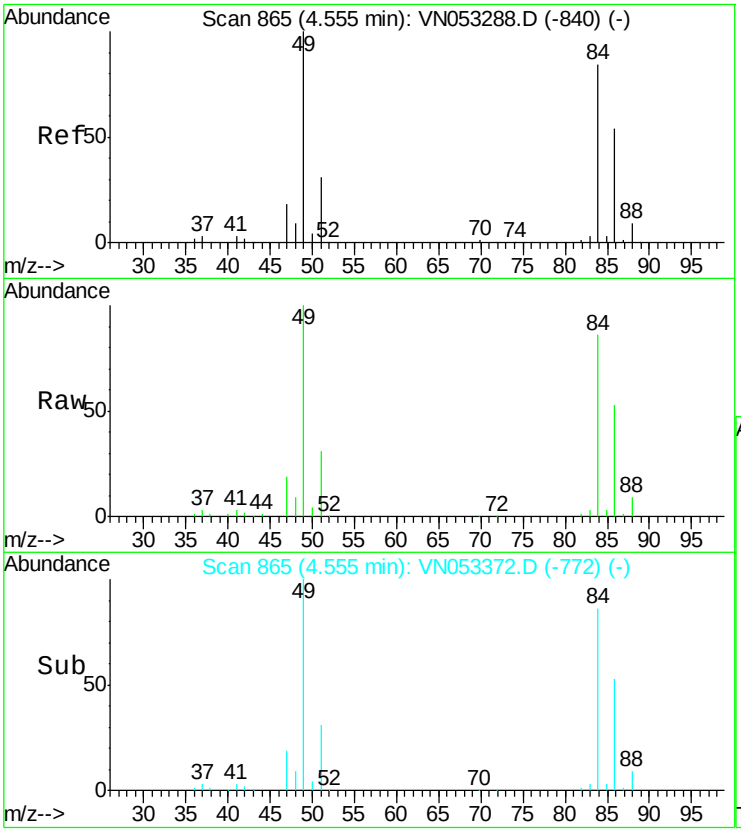


#16
Acetone
Concen: 13.823 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion: 43 Resp: 40308

Ion	Ratio	Lower	Upper
43	100		
58	31.1	27.8	41.6

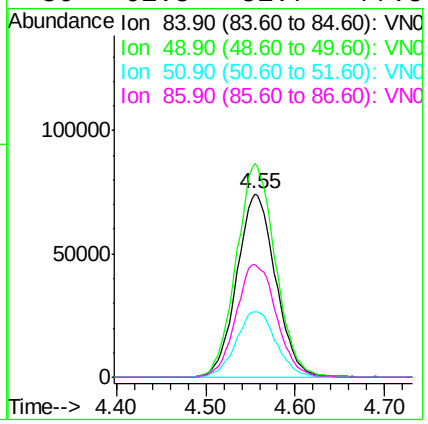


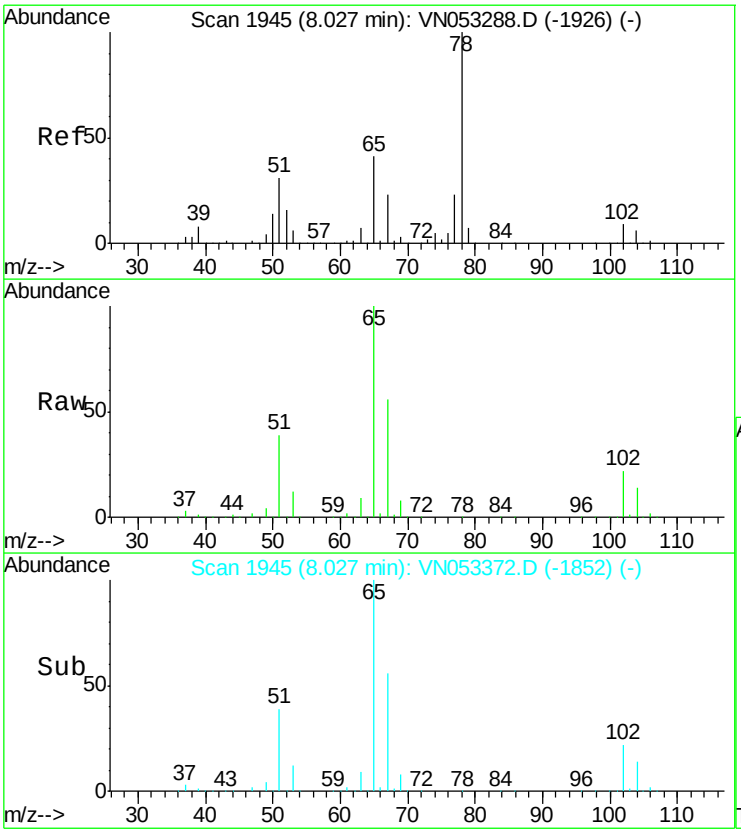


#20
Methylene Chloride
Concen: 19.877 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion: 84 Resp: 224388

Ion	Ratio	Lower	Upper
84	100		
49	116.3	95.3	142.9
51	35.7	29.0	43.6
86	61.5	51.7	77.5

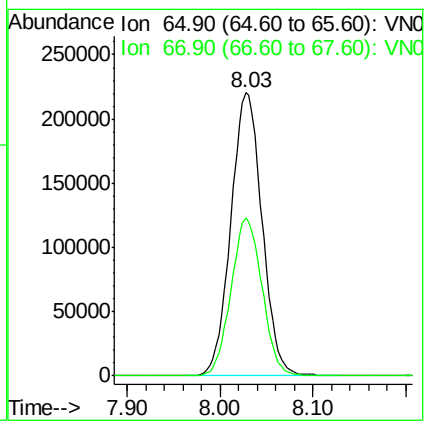


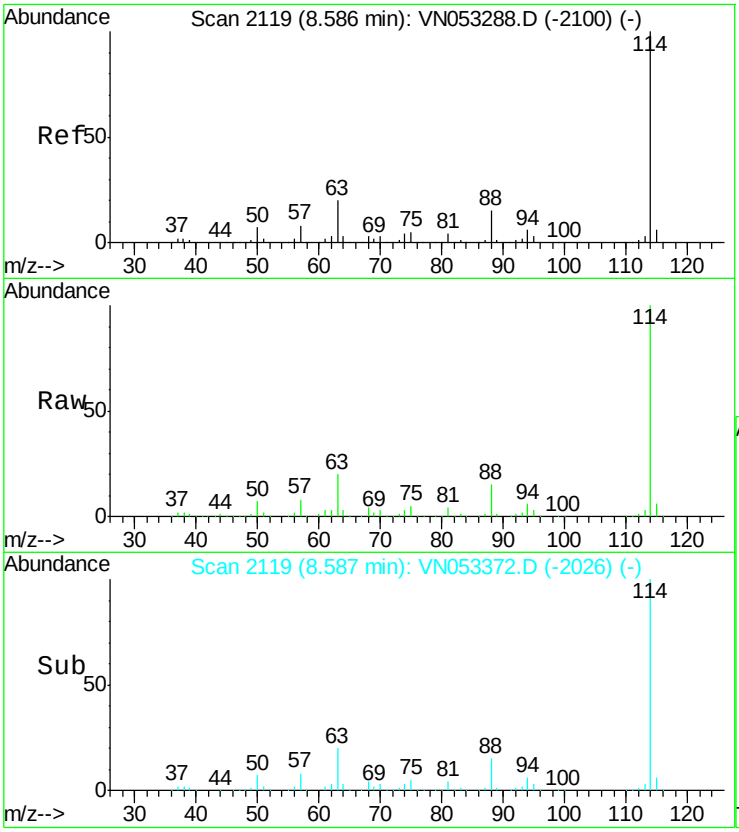


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion: 65 Resp: 514331

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	111.0

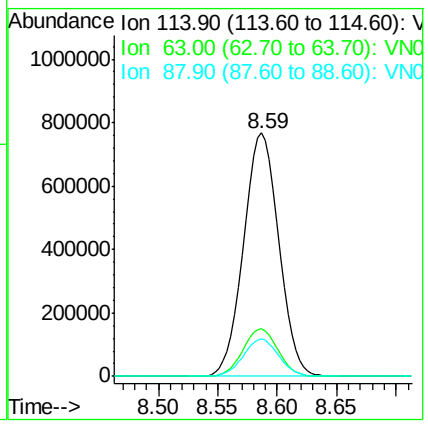


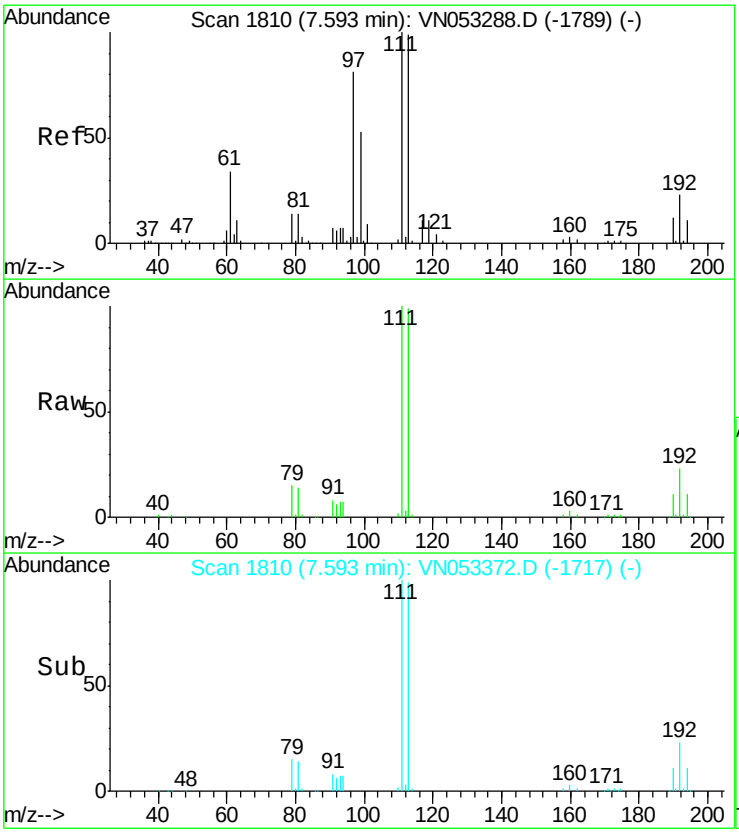


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:114 Resp: 1575399

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.2	0.0	30.8

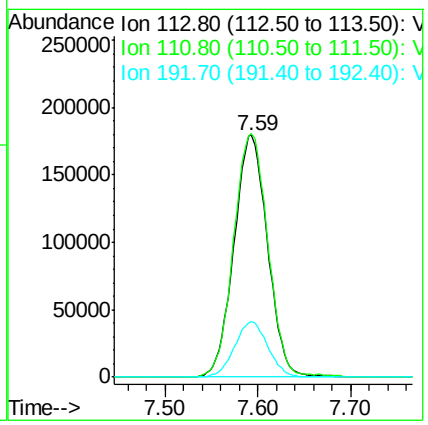


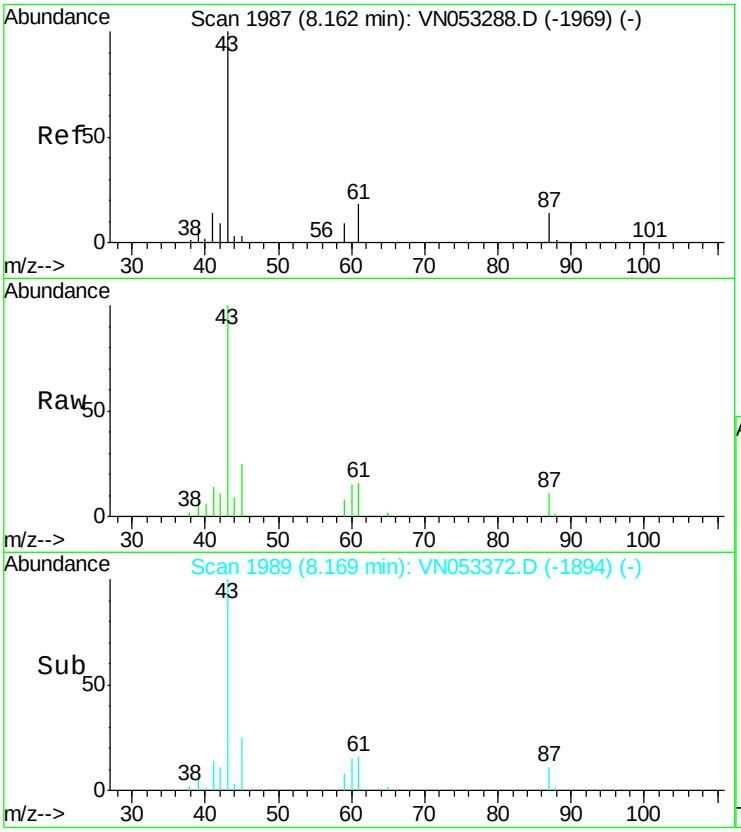


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:113 Resp: 451076

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	22.7	17.9	26.9

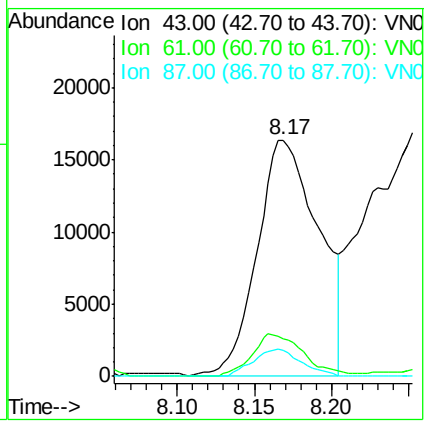


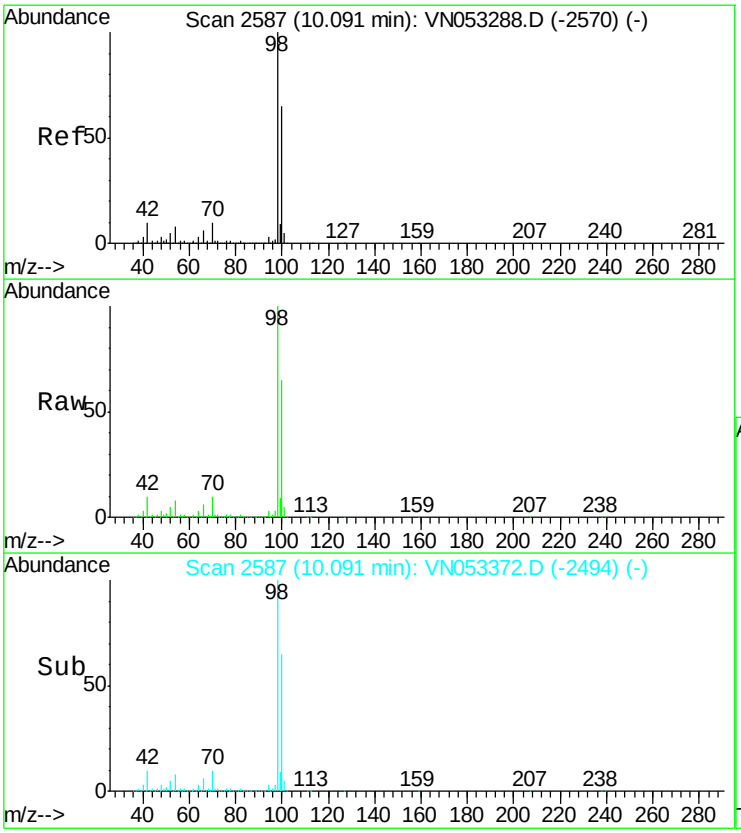


#43
Isopropyl Acetate
Concen: 2.411 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion: 43 Resp: 45438

Ion	Ratio	Lower	Upper
43	100		
61	15.0	23.3	34.9#
87	8.9	10.8	16.2#

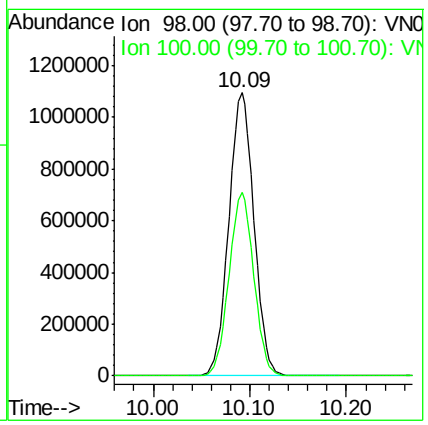


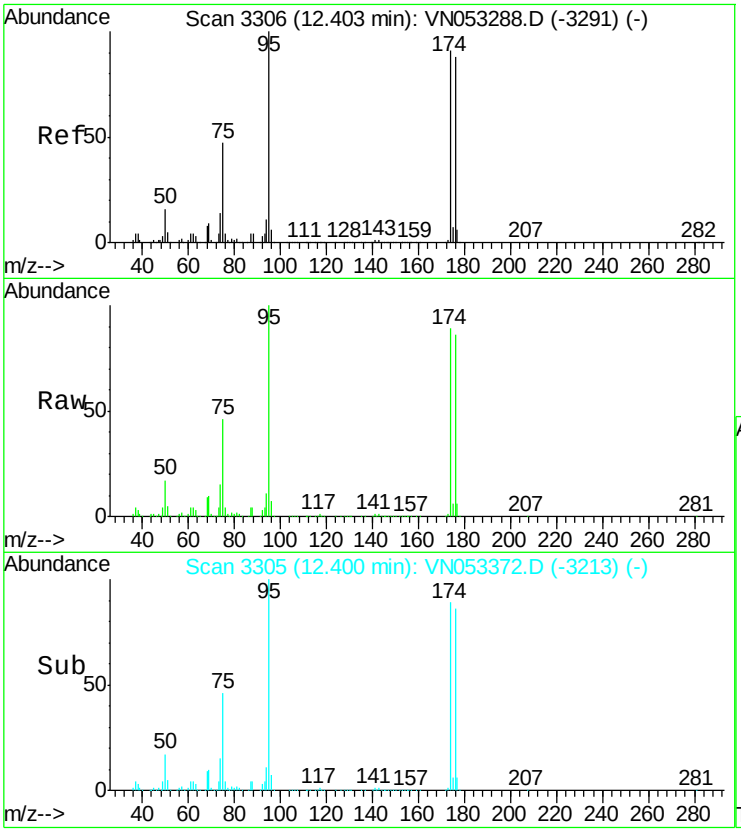


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion: 98 Resp: 1970147

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3

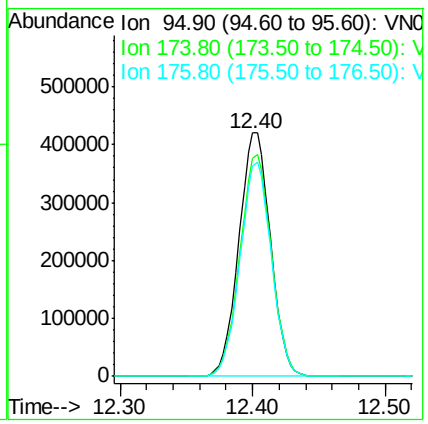


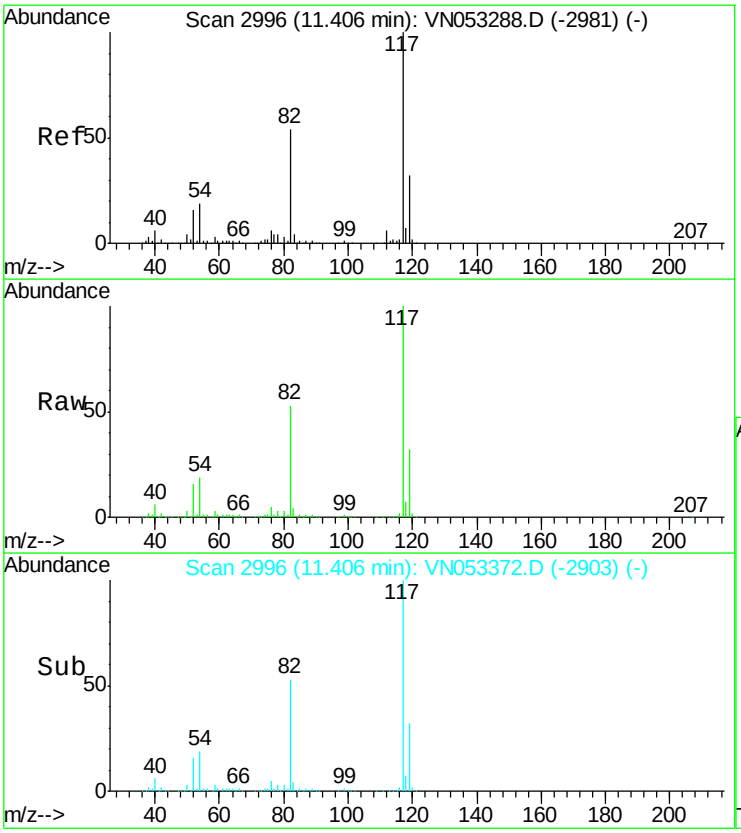


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion: 95 Resp: 696329

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	180.4
176	87.0	0.0	175.6

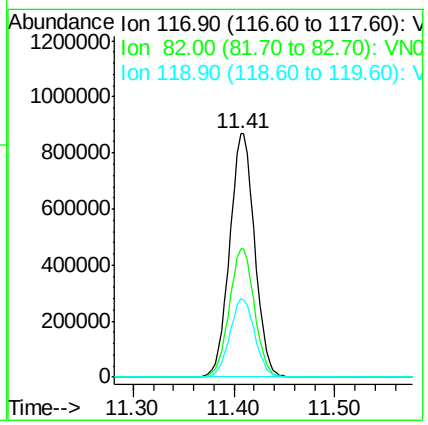


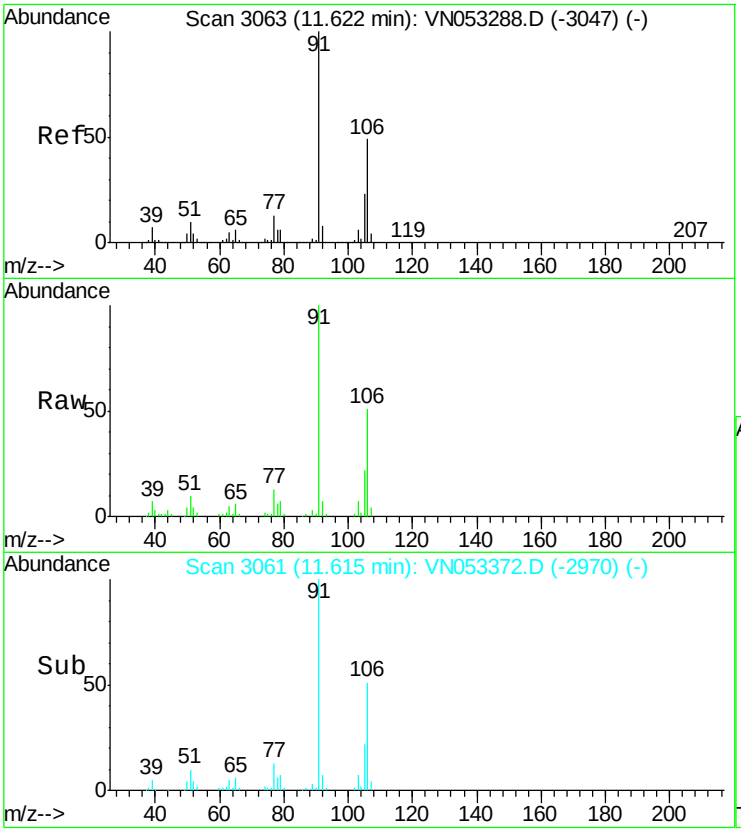


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:117 Resp: 1496290

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.0	25.6	38.4

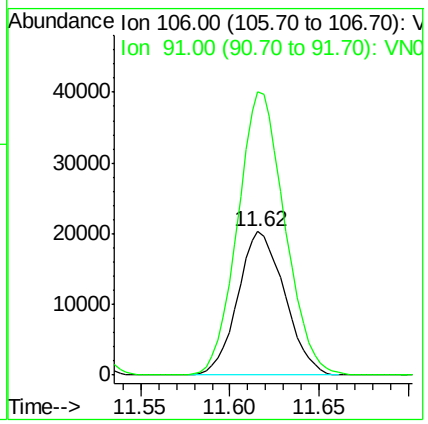


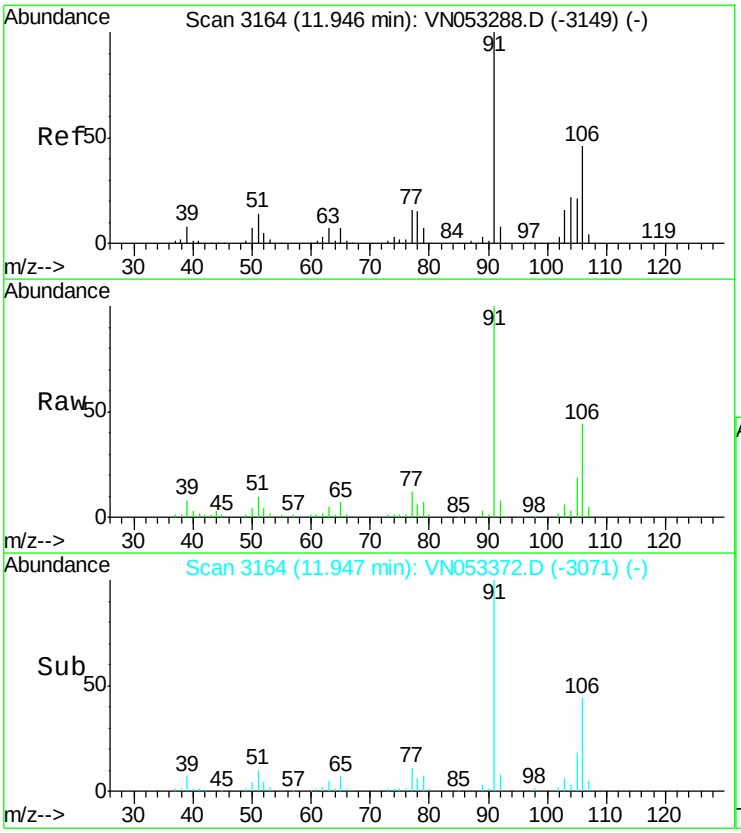


#68
m/p-Xylenes
Concen: 1.793 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:106 Resp: 37234

Ion	Ratio	Lower	Upper
106	100		
91	198.2	161.4	242.2

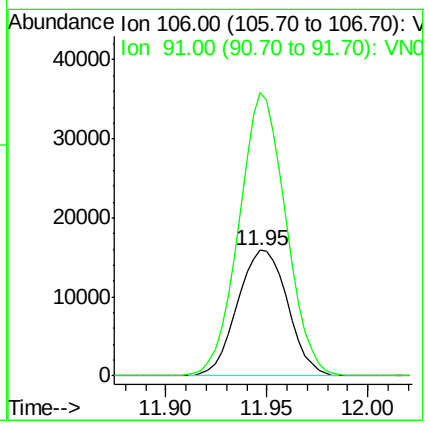


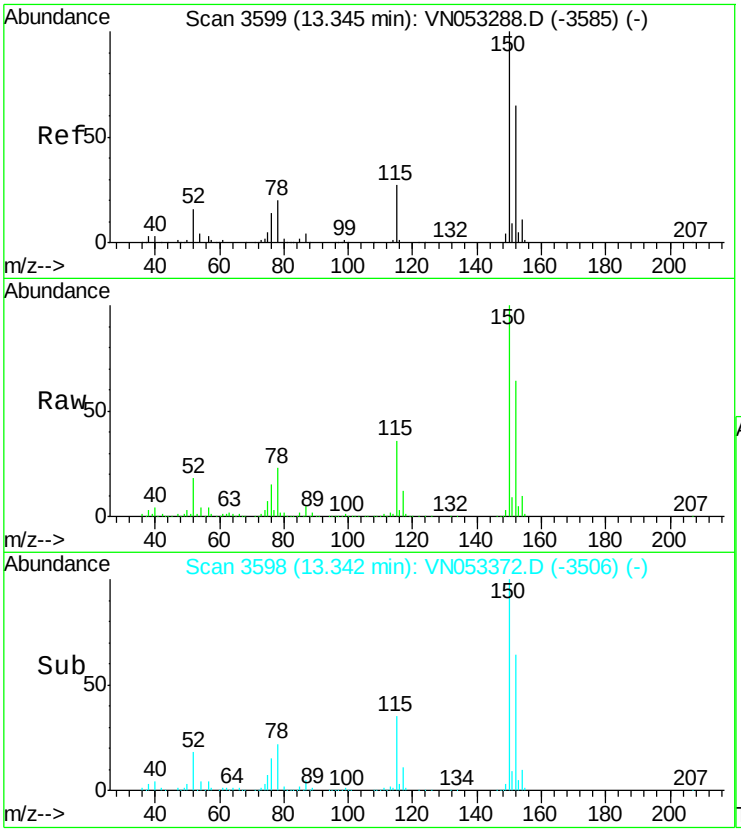


#69
o-Xylene
Concen: 1.362 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:106 Resp: 27694

Ion	Ratio	Lower	Upper
106	100		
91	210.4	106.8	320.4

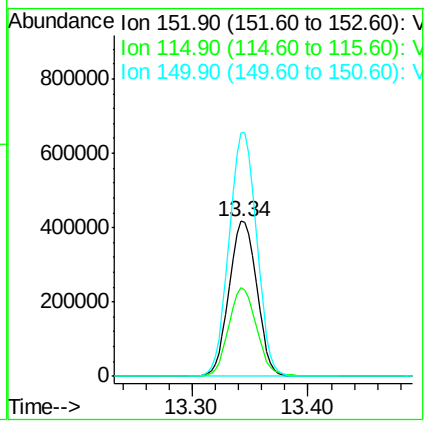


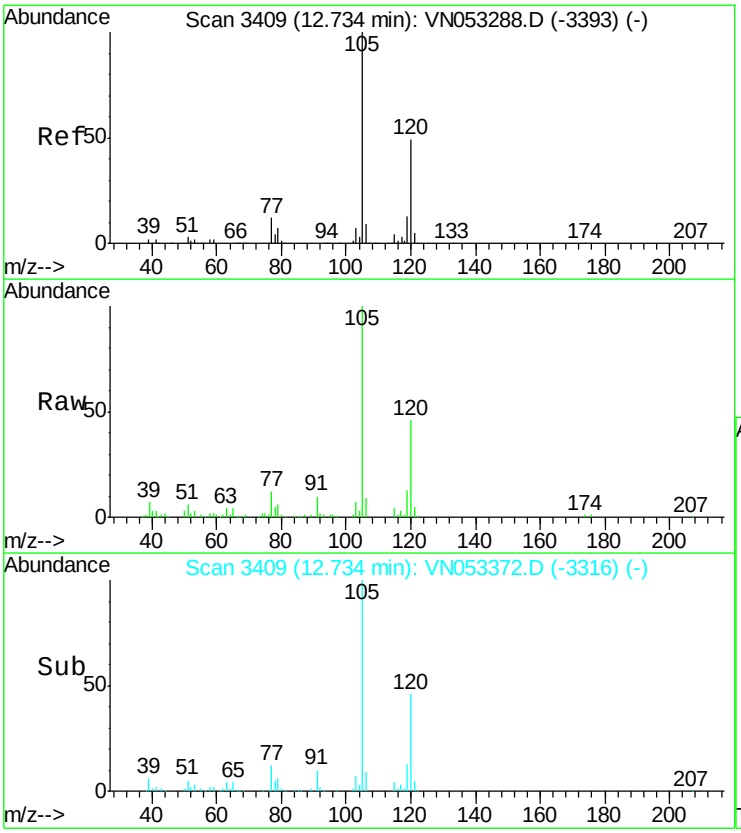


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:152 Resp: 688078

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.0	84.0
150	156.2	0.0	346.6

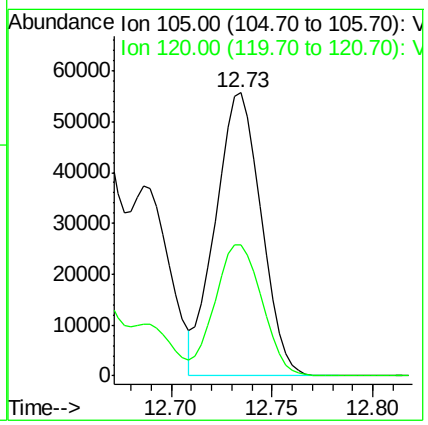


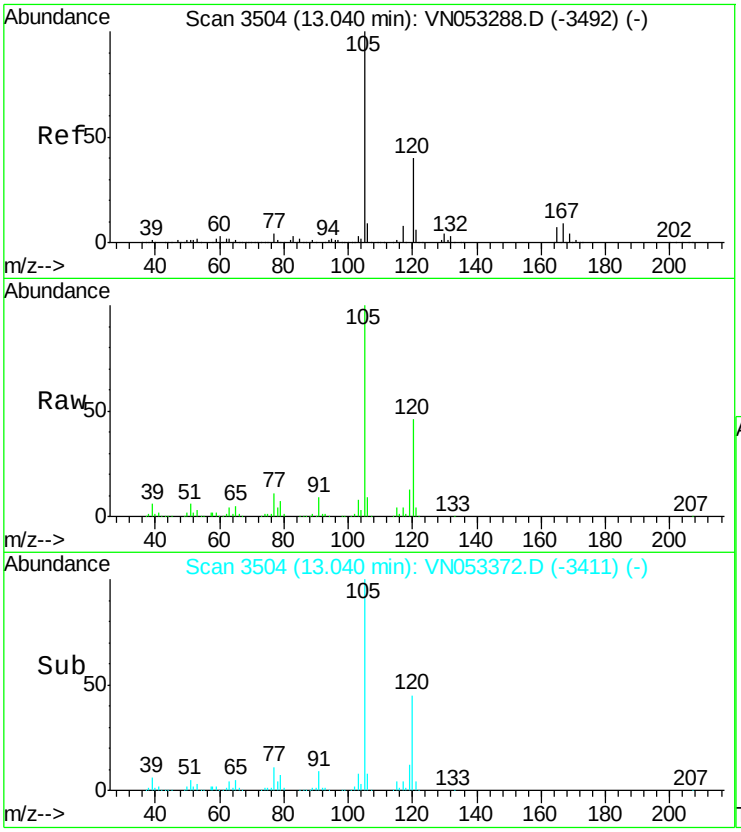


#80
1,3,5-Trimethylbenzene
Concen: 2.140 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:105 Resp: 88328

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.7	74.1

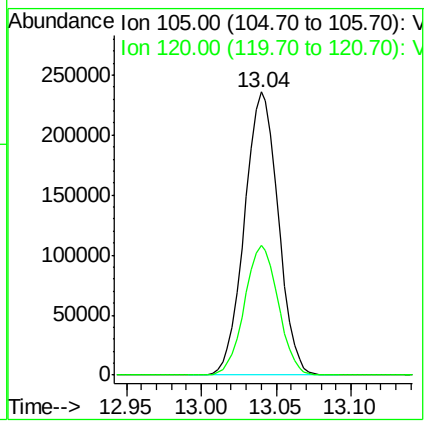


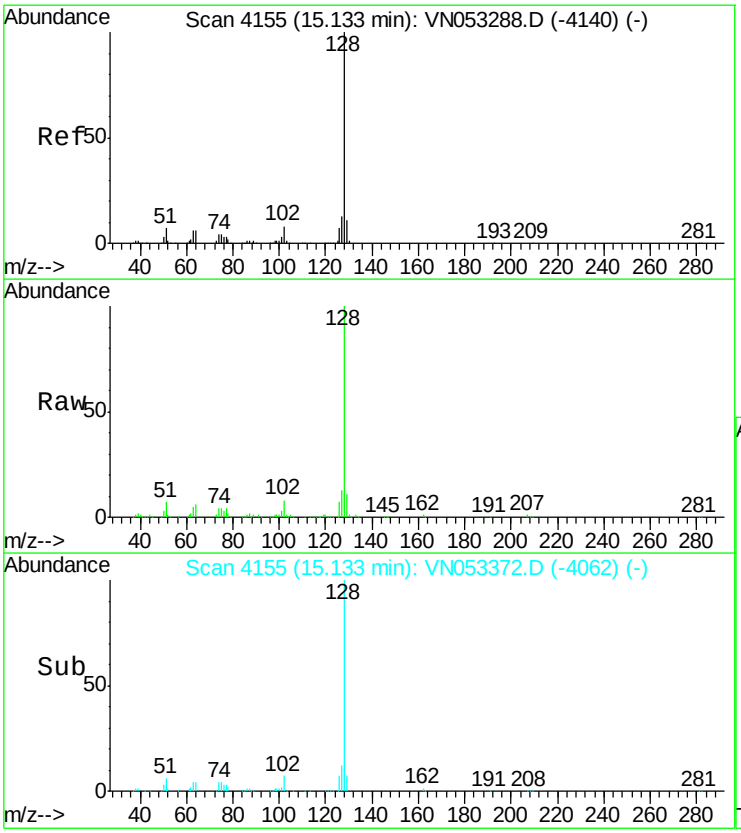


#84
1,2,4-Trimethylbenzene
Concen: 8.814 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:105 Resp: 370545

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.0	69.0





#95
Naphthalene
Concen: 23.919 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:128 Resp: 289369

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.7	13.1