Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072718\
Data File : VN050172.D
Acq On : 28 Jul 2018 9:36
Operator : MD\SY
Sample : J4180-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : GS-PIT-2

Quant Time: Jul 30 04:00:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	652656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1076182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	905674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	459494	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.92%			
35) Dibromofluoromethane	7.59	113	407432	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.74%			
50) Toluene-d8	10.09	98	1467800	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.88%			
62) 4-Bromofluorobenzene	12.40	95	417553	39.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.52%			
Target Compounds						Qvalue
16) Acetone	3.82	43	195330	88.257	ug/l	100
18) Methyl Acetate	4.33	43	30497	2.094	ug/l #	72
20) Methylene Chloride	4.55	84	881126	110.655	ug/l	98
43) Isopropyl Acetate	8.17	43	366582	22.383	ug/l #	88
59) 2-Hexanone	10.77	43	19655	8.326	ug/l #	55
68) m/p-Xylenes	11.62	106	14949	1.075	ug/l	92
70) Styrene	11.96	104	6300	1.185	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	45271	2.085	ug/l	99
95) Naphthalene	15.14	128	321190	22.574	ug/l	99

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

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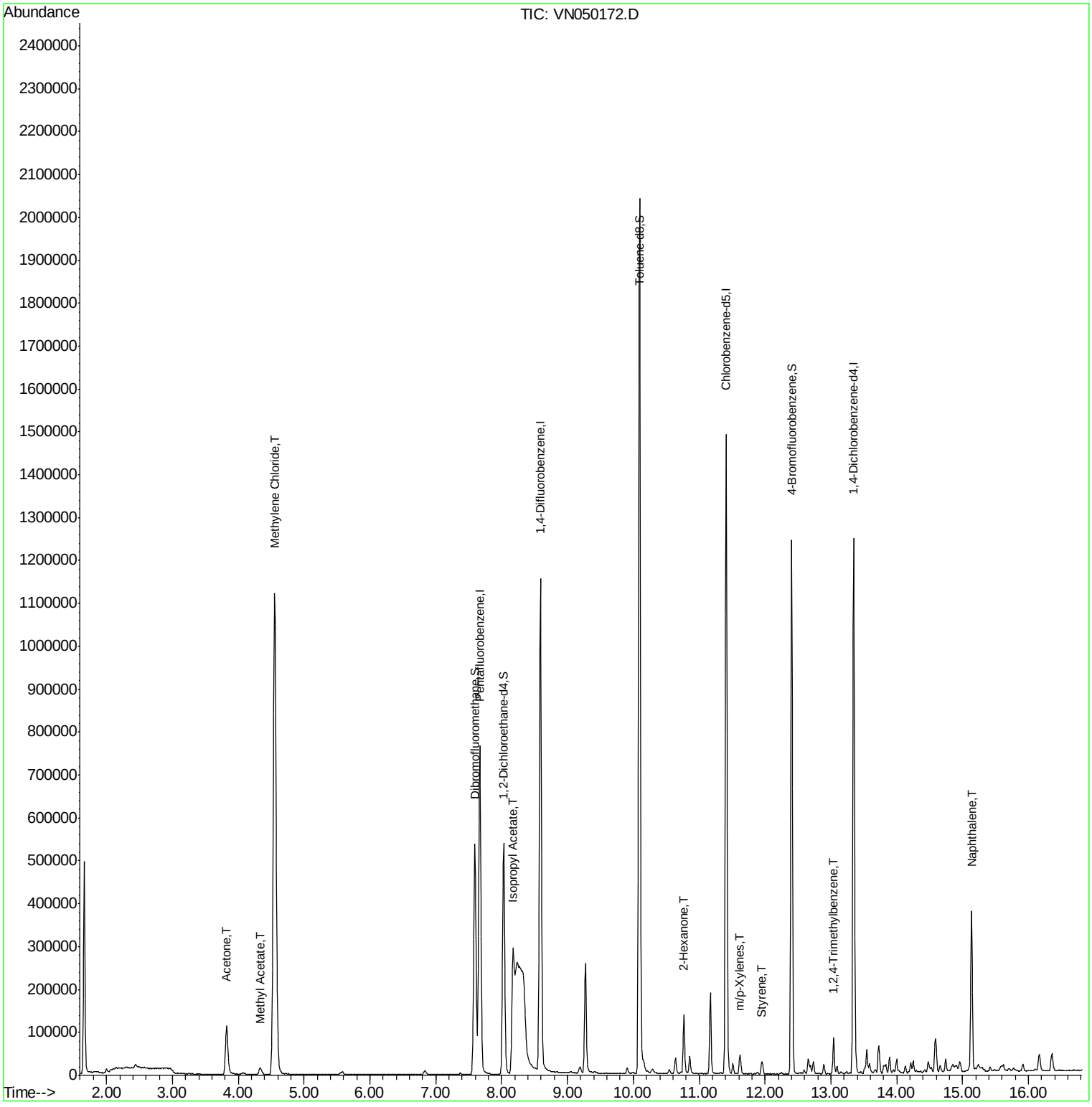
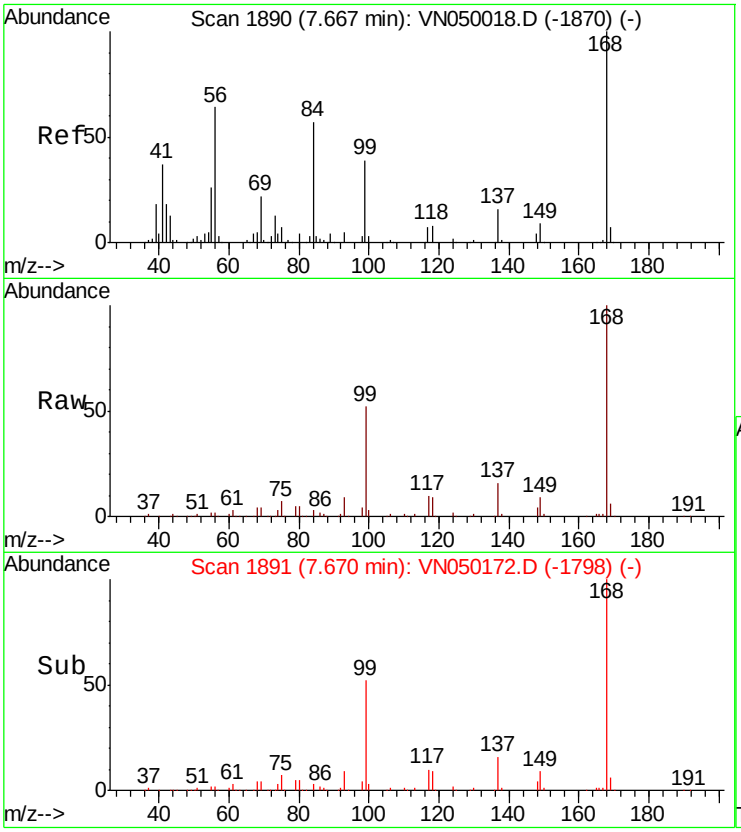
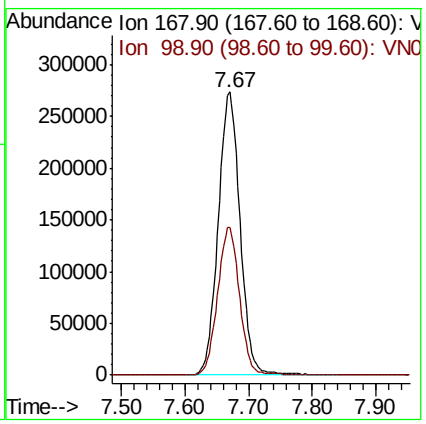




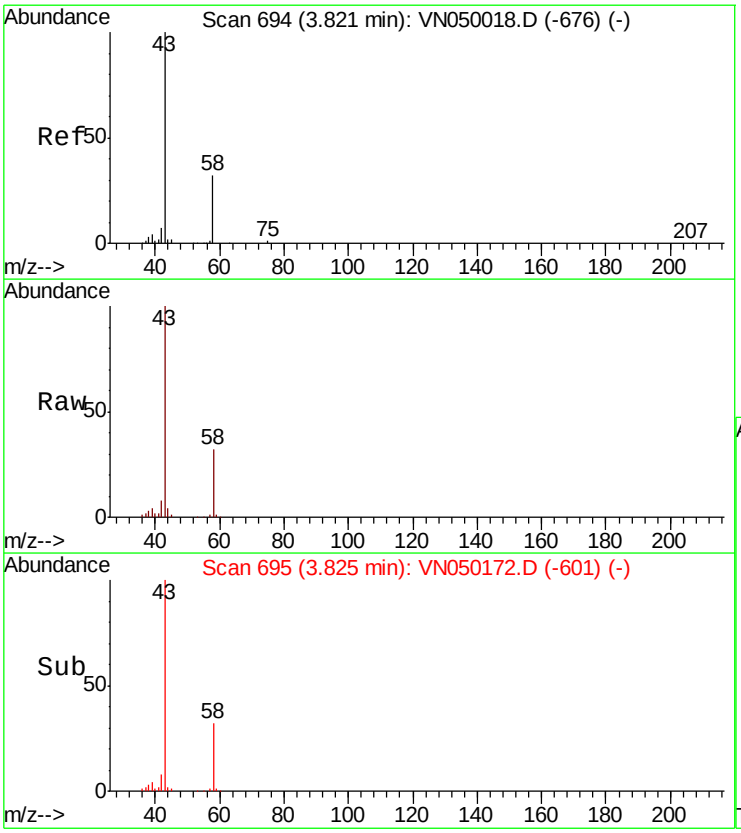
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion:168 Resp: 652656

Ion	Ratio	Lower	Upper
168	100		
99	52.3	40.0	60.0



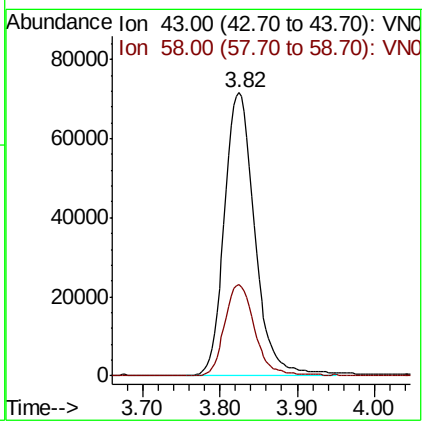
Instrument :
MSVOA_N
ClientSampleId :
GS-PIT-2

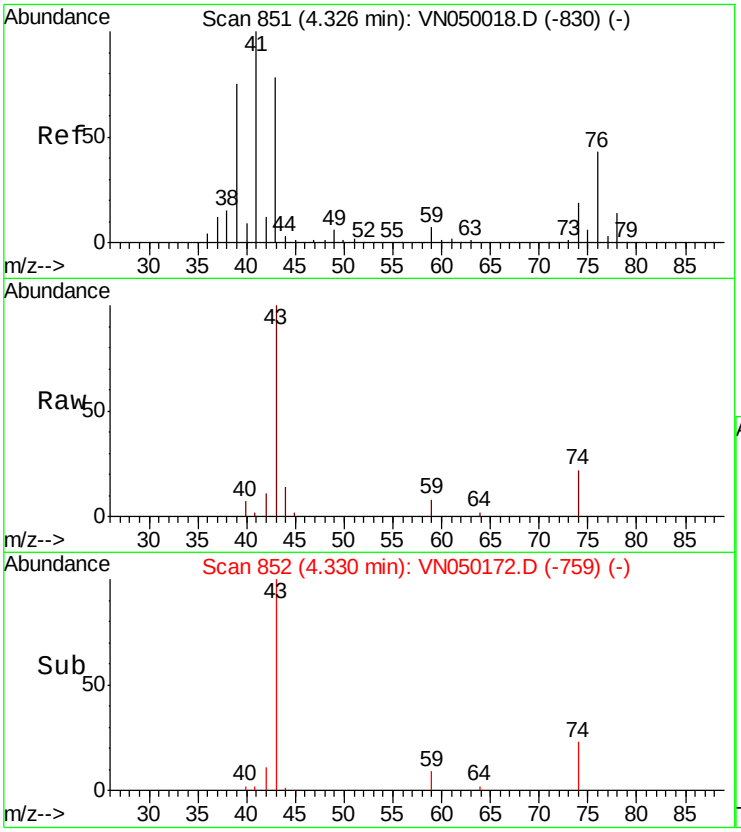


#16
Acetone
Concen: 88.257 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion: 43 Resp: 195330

Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.8	38.8



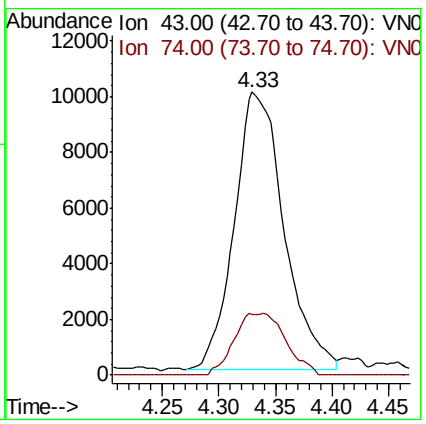


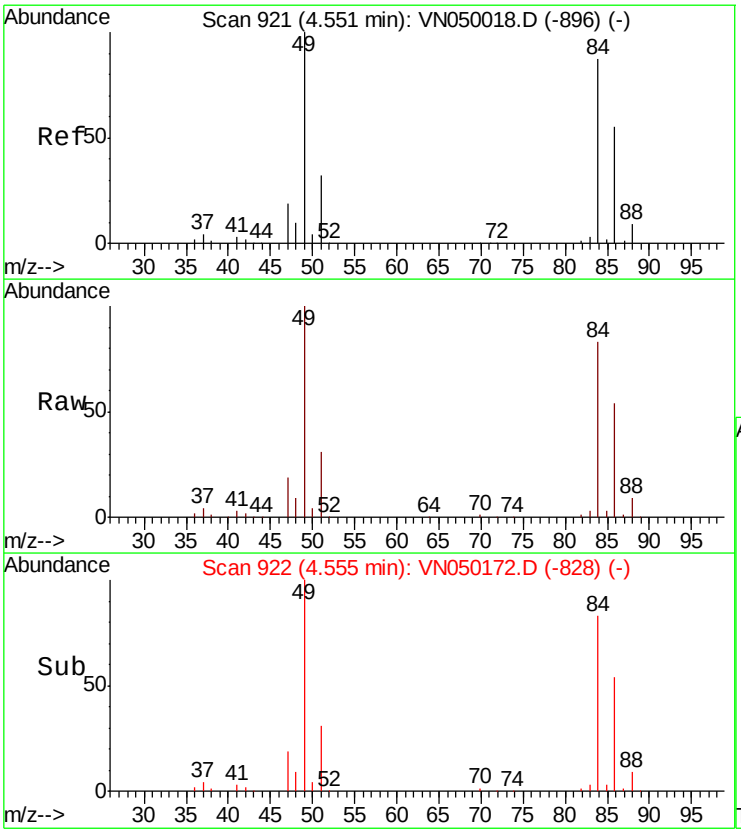
#18
Methyl Acetate
Concen: 2.094 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Instrument : MSVOA_N
ClientSampleId : GS-PIT-2

Tgt Ion: 43 Resp: 30497

Ion	Ratio	Lower	Upper
43	100		
74	10.4	19.2	28.8#

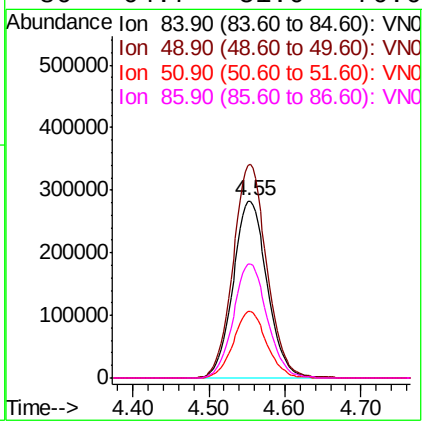


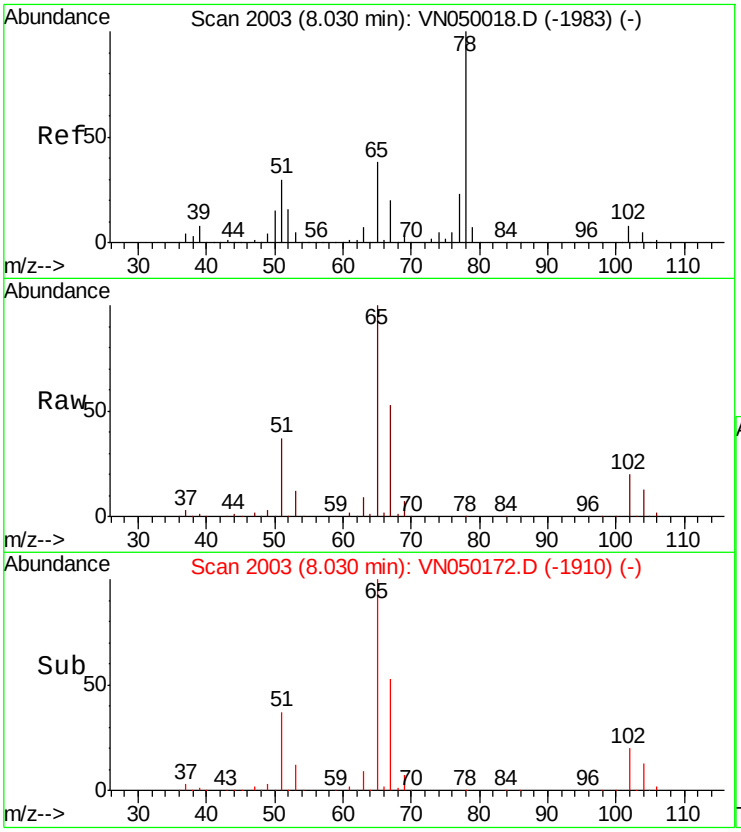


#20
Methylene Chloride
Concen: 110.655 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion: 84 Resp: 881126

Ion	Ratio	Lower	Upper
84	100		
49	120.5	94.8	142.2
51	37.4	28.3	42.5
86	64.7	51.0	76.6



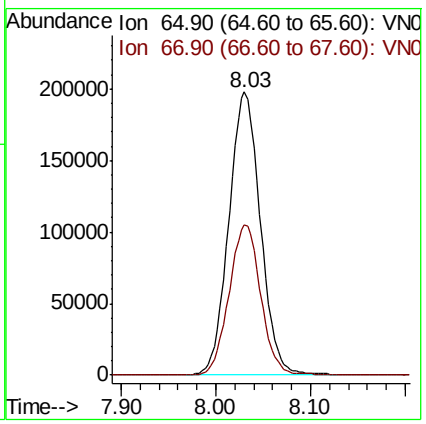


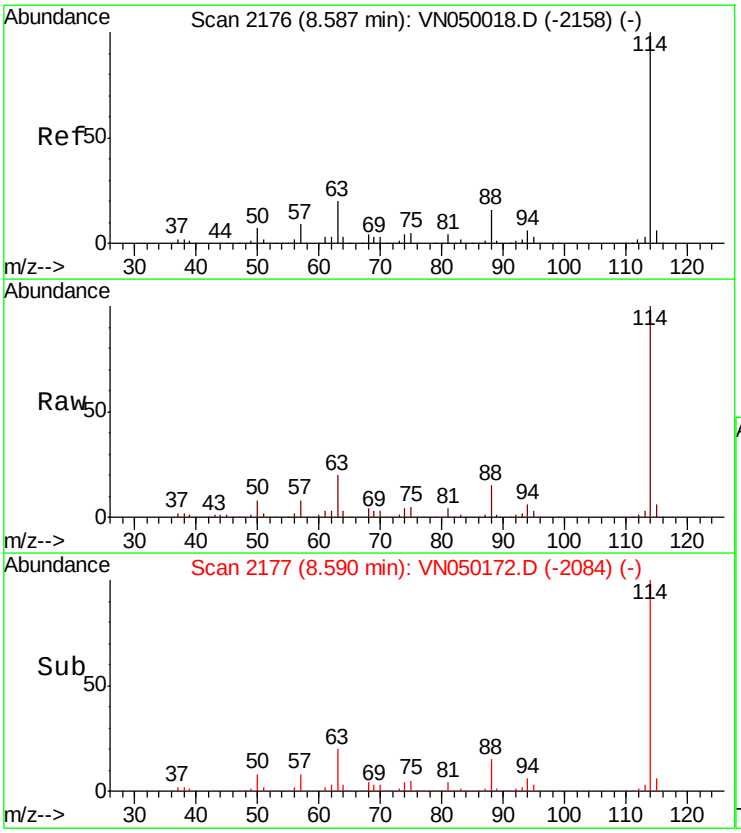
#33
1,2-Dichloroethane-d4
Concen: 50.460 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Instrument :
MSVOA_N
ClientSampleId :
GS-PIT-2

Tgt Ion: 65 Resp: 459494

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.4

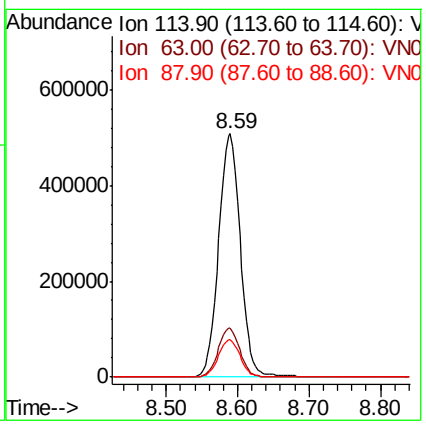


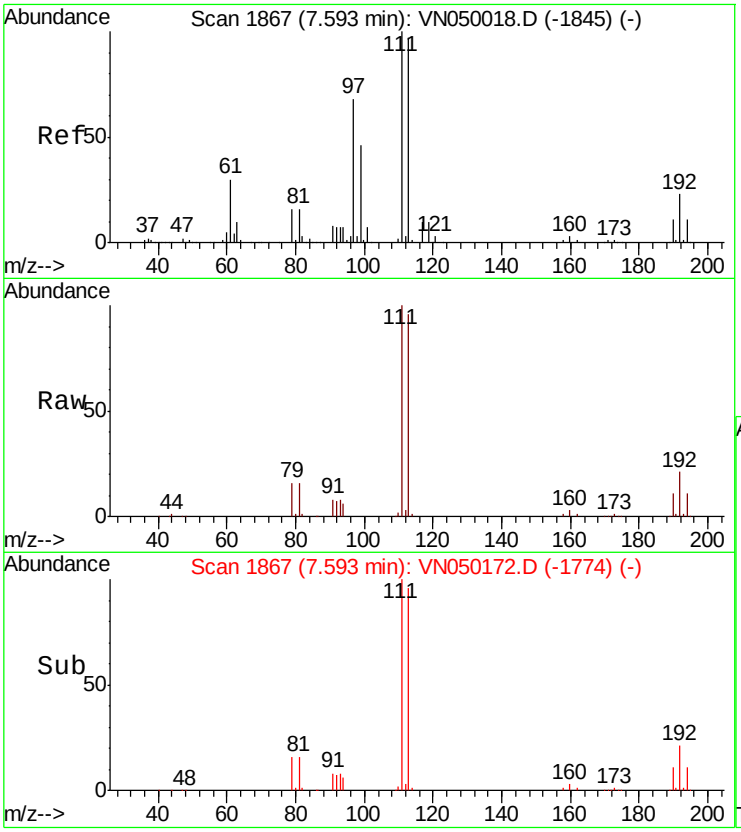


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion:114 Resp: 1076182

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.3	0.0	31.2



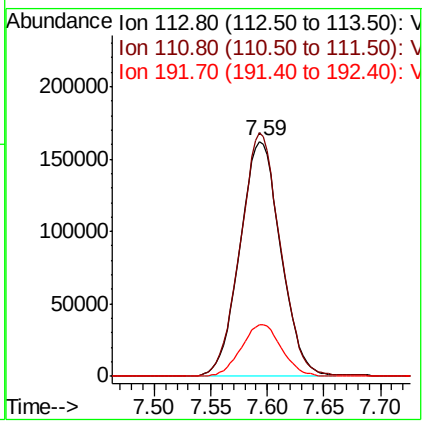


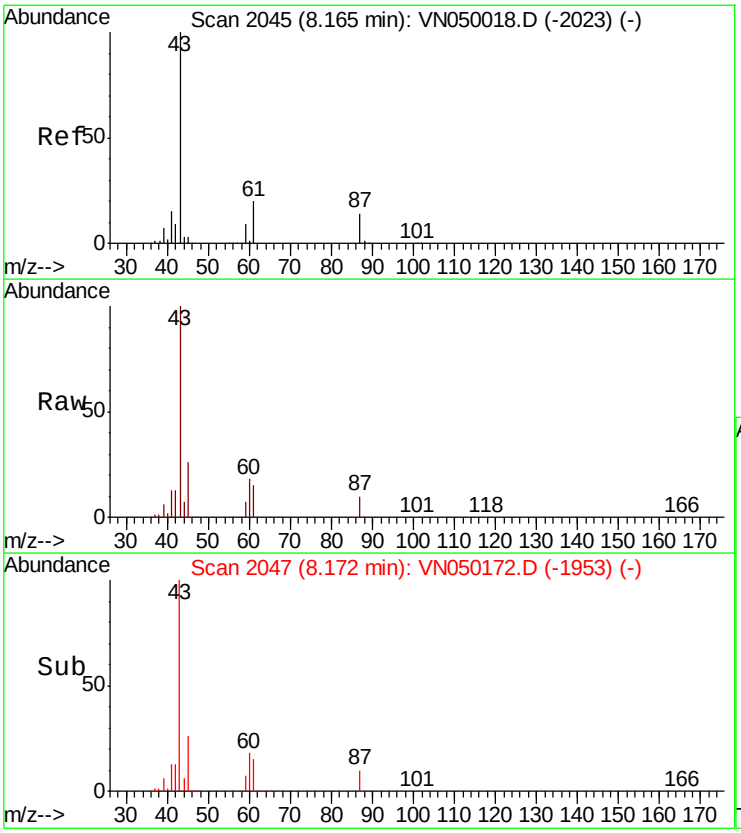
#35
Dibromofluoromethane
Concen: 46.369 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Instrument :
MSVOA_N
ClientSampleId :
GS-PIT-2

Tgt Ion:113 Resp: 407432

Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.7	121.1
192	21.8	17.8	26.6

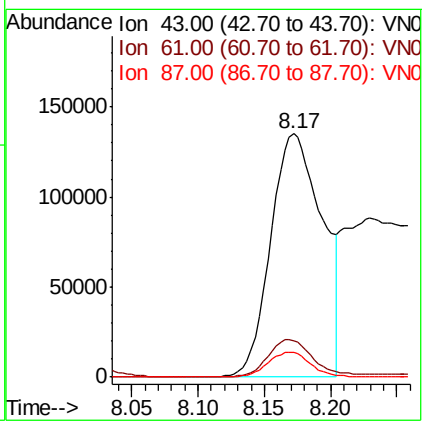


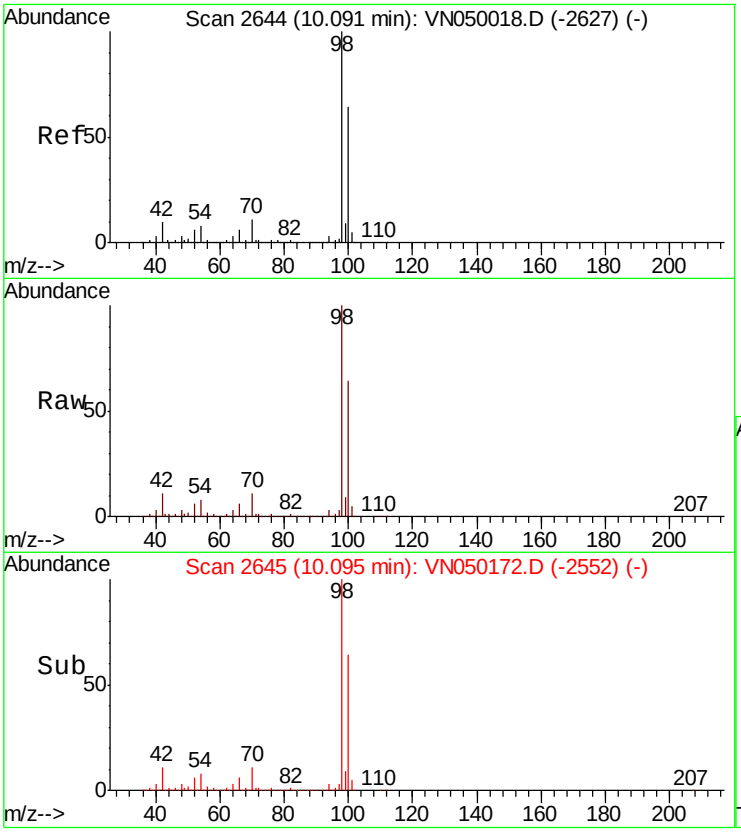


#43
Isopropyl Acetate
Concen: 22.383 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion: 43 Resp: 366582

Ion	Ratio	Lower	Upper
43	100		
61	14.0	15.8	23.6#
87	8.6	10.3	15.5#



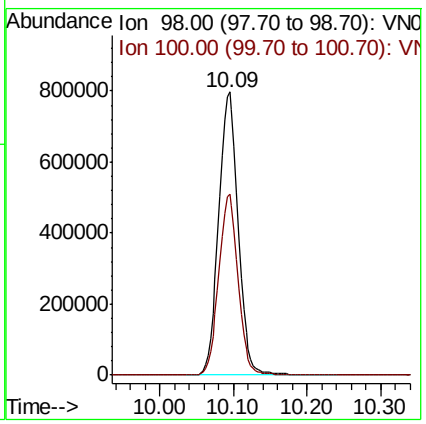


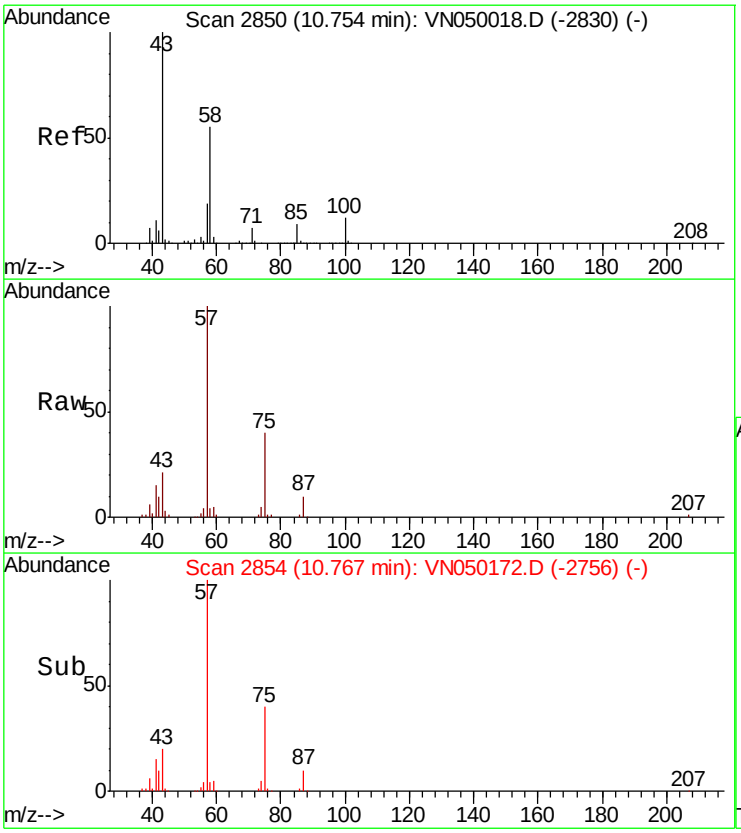
#50
Toluene-d8
Concen: 45.438 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Instrument : MSVOA_N
ClientSampleId : GS-PIT-2

Tgt Ion: 98 Resp: 1467800

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1

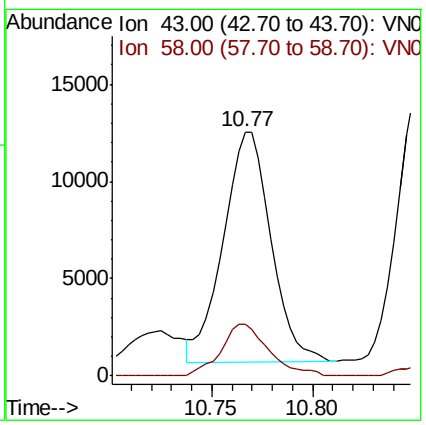


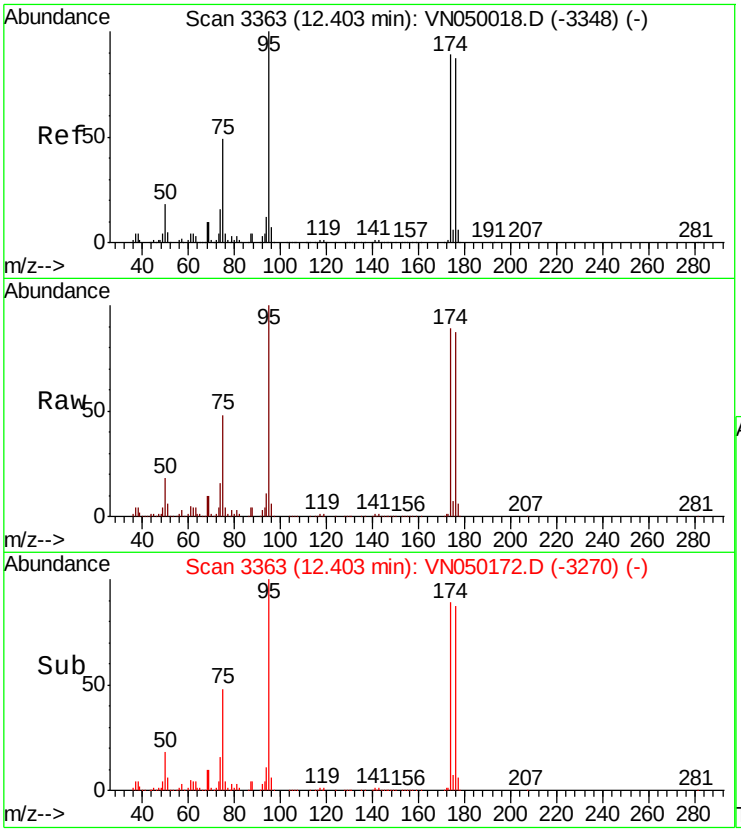


#59
2-Hexanone
Concen: 8.326 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion: 43 Resp: 19655

Ion	Ratio	Lower	Upper
43	100		
58	22.4	27.6	82.7#



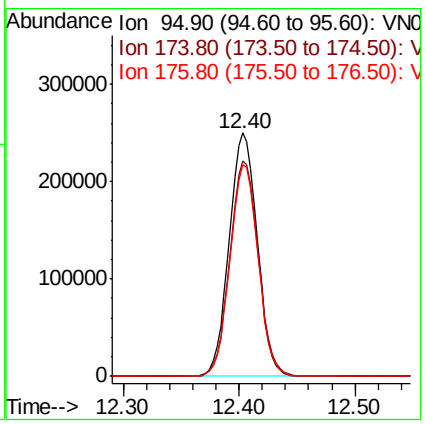


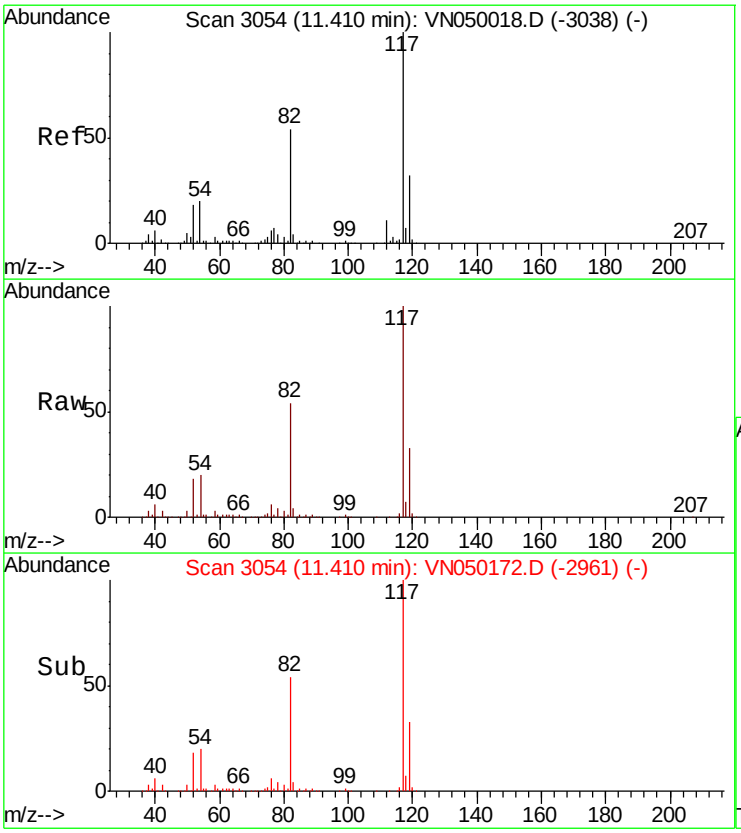
#62
4-Bromofluorobenzene
Concen: 39.255 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Instrument :
MSVOA_N
ClientSampleId :
GS-PIT-2

Tgt Ion: 95 Resp: 417553

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	178.2
176	86.8	0.0	173.4

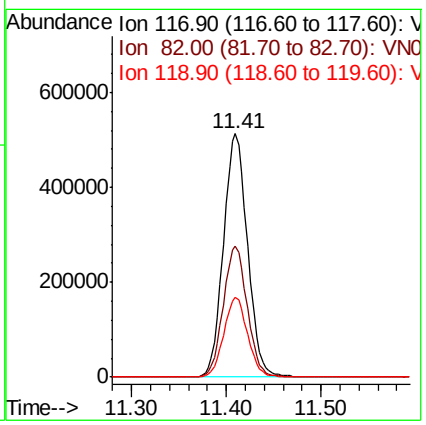


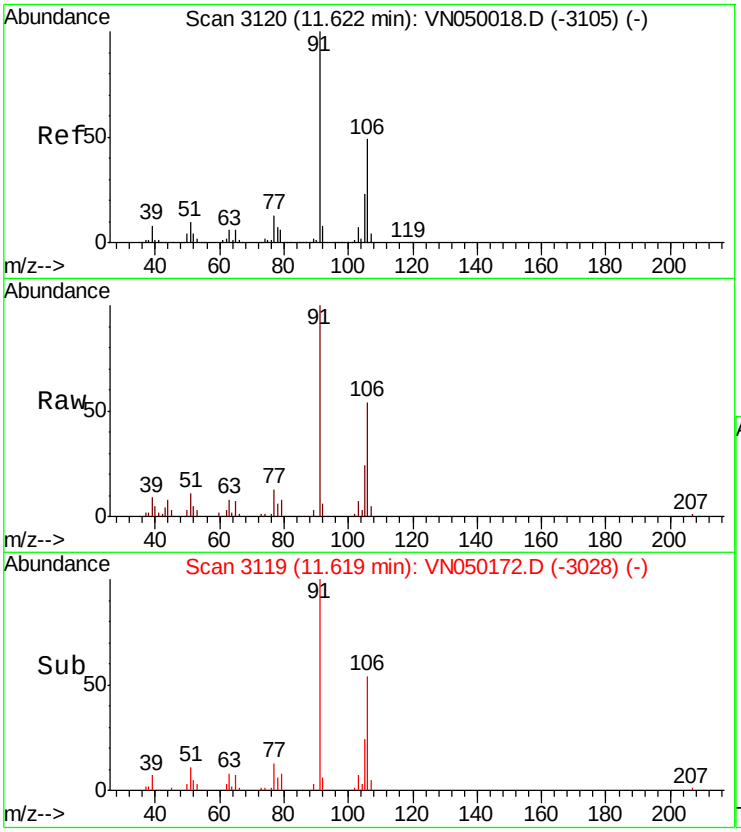


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion:117 Resp: 905674

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.7	65.5
119	32.8	26.1	39.1



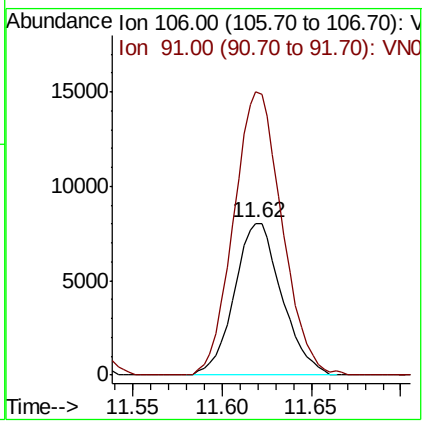


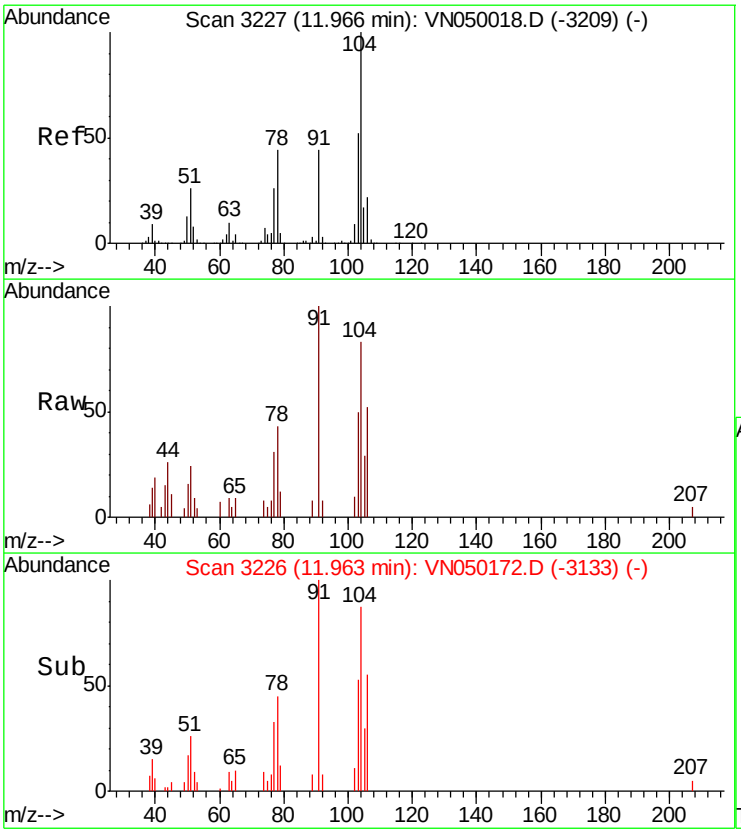
#68
m/p-Xylenes
Concen: 1.075 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Instrument :
MSVOA_N
ClientSampleId :
GS-PIT-2

Tgt Ion:106 Resp: 14949

Ion	Ratio	Lower	Upper
106	100		
91	189.8	162.2	243.2

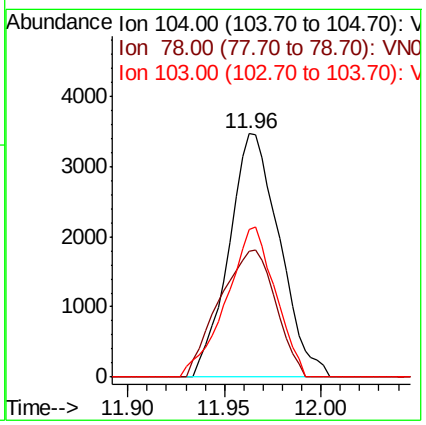


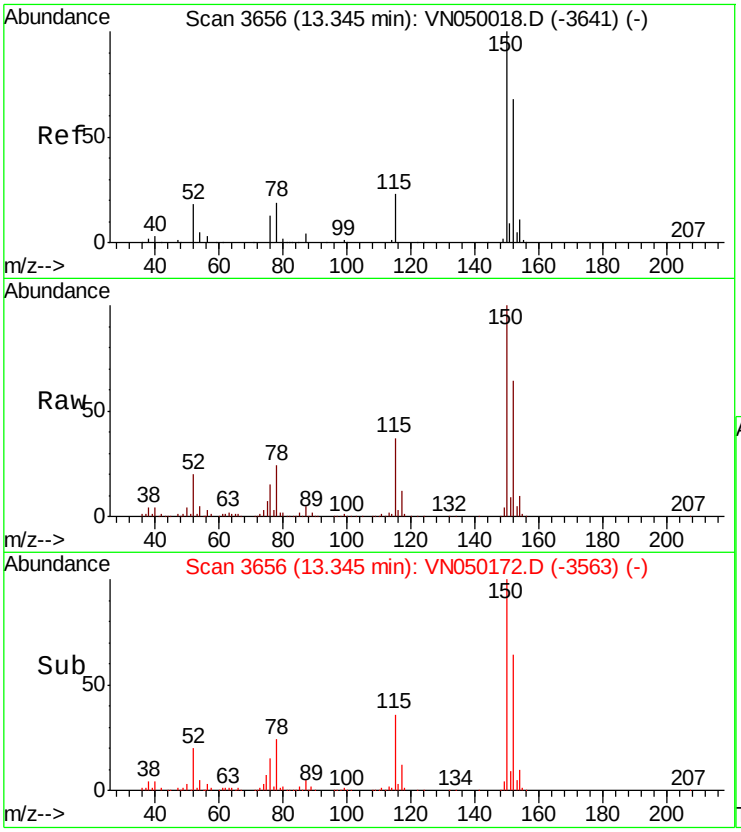


#70
Styrene
Concen: 1.185 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion:104 Resp: 6300

Ion	Ratio	Lower	Upper
104	100		
78	58.0	39.3	58.9
103	59.7	45.0	67.6



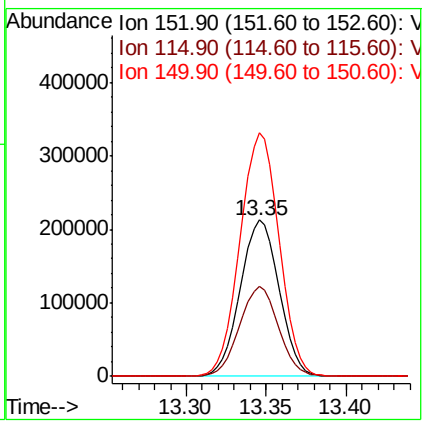


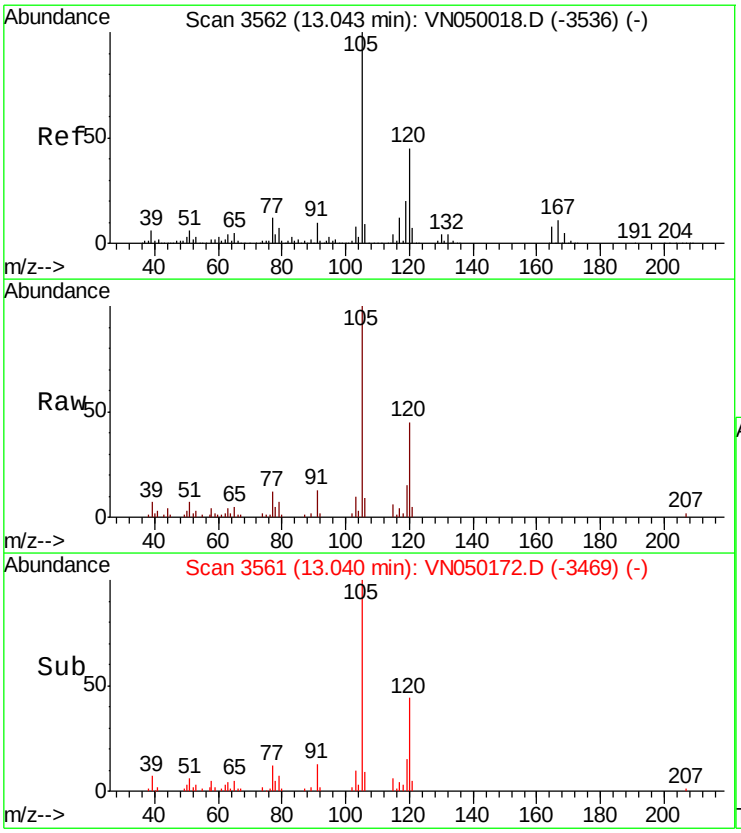
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Instrument :
MSVOA_N
ClientSampleId :
GS-PIT-2

Tgt Ion:152 Resp: 353111

Ion	Ratio	Lower	Upper
152	100		
115	57.3	27.8	83.3
150	156.3	0.0	348.6

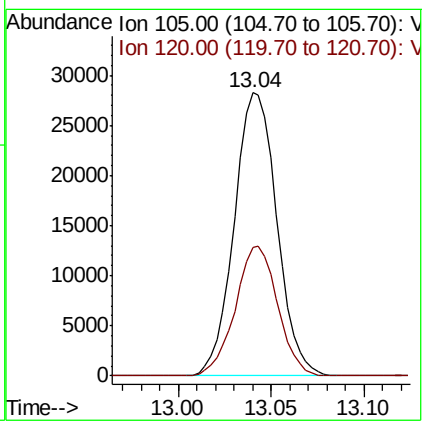


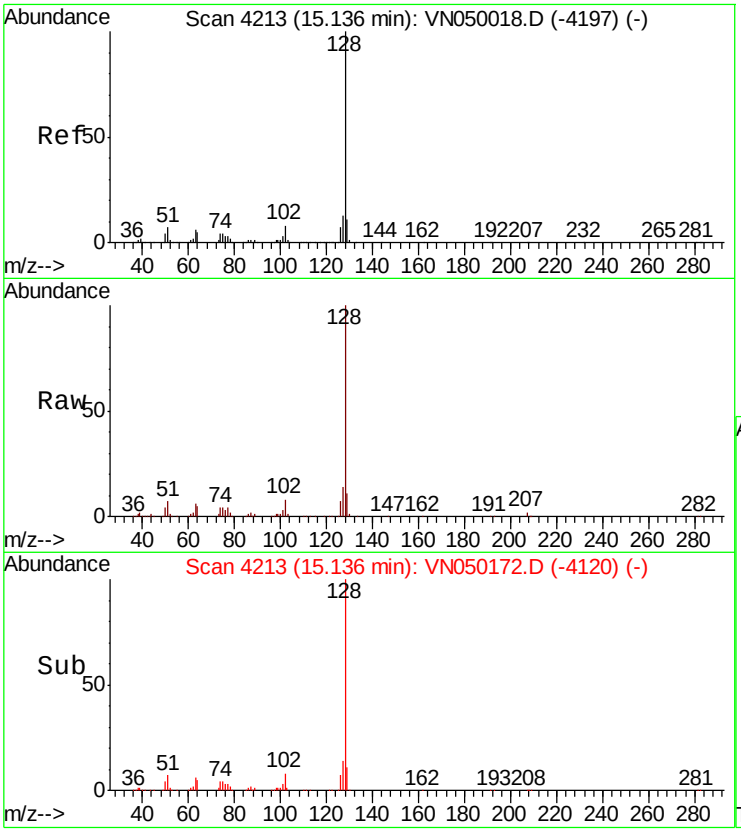


#84
1,2,4-Trimethylbenzene
Concen: 2.085 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. -0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Tgt Ion:105 Resp: 45271

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.7





#95
Naphthalene
Concen: 22.574 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050172.D
Acq: 28 Jul 2018 9:36

Instrument :
MSVOA_N
ClientSampleId :
GS-PIT-2

Tgt Ion:128 Resp: 321190

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	11.2	8.8	13.2