Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
Data File : VN055208.D
Acq On : 23 Apr 2019 16:03
Operator : JC/SP
Sample : K2204-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TR-05-042219

Quant Time: Apr 24 04:28:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	368457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	647753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	256990	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.06%			
35) Dibromofluoromethane	7.59	113	210021	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.46%			
50) Toluene-d8	10.09	98	780170	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.70%			
62) 4-Bromofluorobenzene	12.40	95	239361	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.72%			
Target Compounds						Qvalue
16) Acetone	3.82	43	13907	8.435	ug/l	96
20) Methylene Chloride	4.55	84	773318	163.160	ug/l	99
25) 2-Butanone	6.86	43	7442	3.496	ug/l	92
67) Ethyl Benzene	11.51	91	40641	1.974	ug/l	99
68) m/p-Xylenes	11.62	106	69413	9.398	ug/l	99
69) o-Xylene	11.95	106	30213	4.122	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	44456	3.304	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	199258	15.694	ug/l	97
95) Naphthalene	15.13	128	15029	5.815	ug/l #	92

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

Quantitation Report (QT Reviewed)

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Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
TR-05-042219

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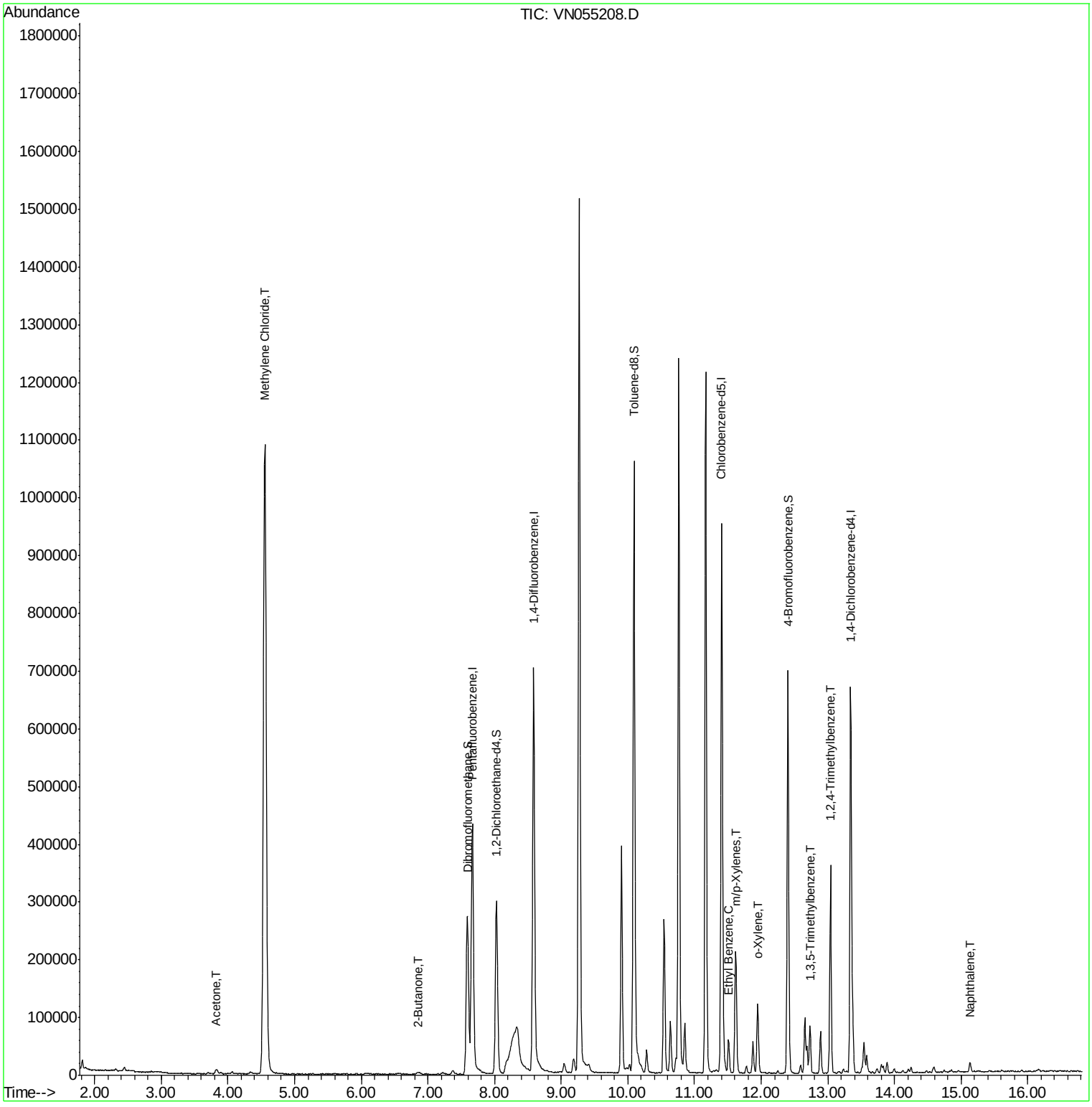
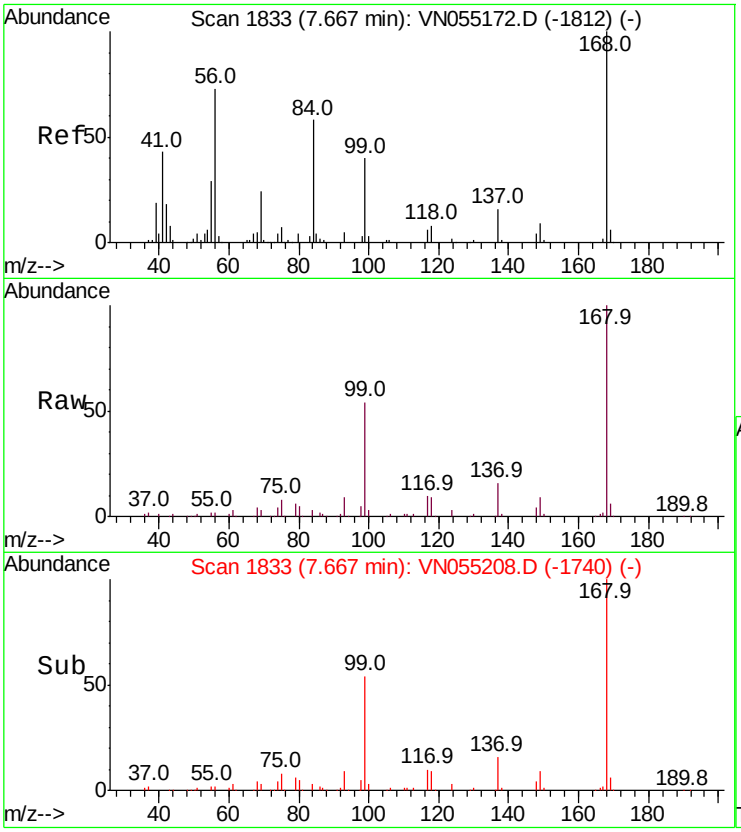
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

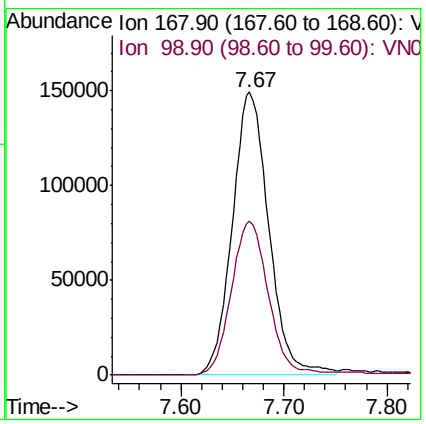




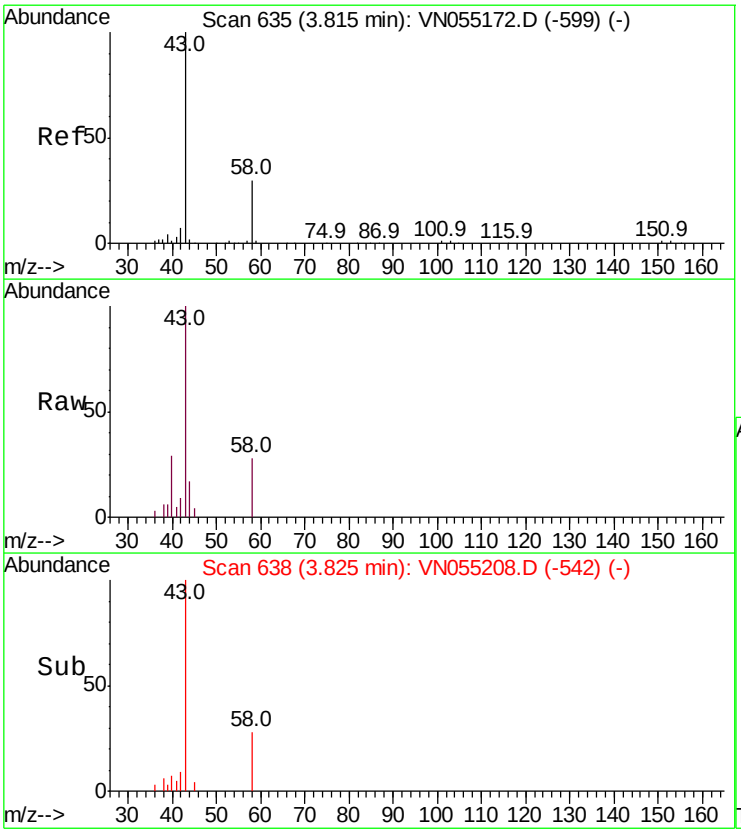
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Tgt Ion:168 Resp: 368457

Ion	Ratio	Lower	Upper
168	100		
99	54.3	42.0	63.0



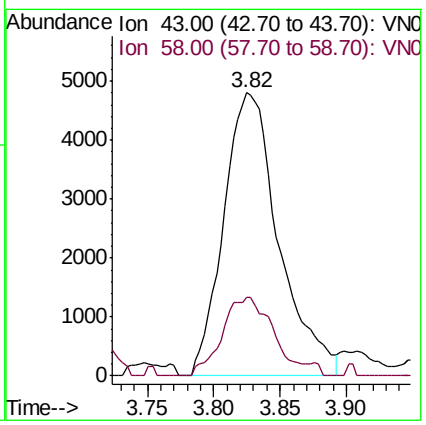
Instrument :
MSVOA_N
ClientSampleId :
TR-05-042219

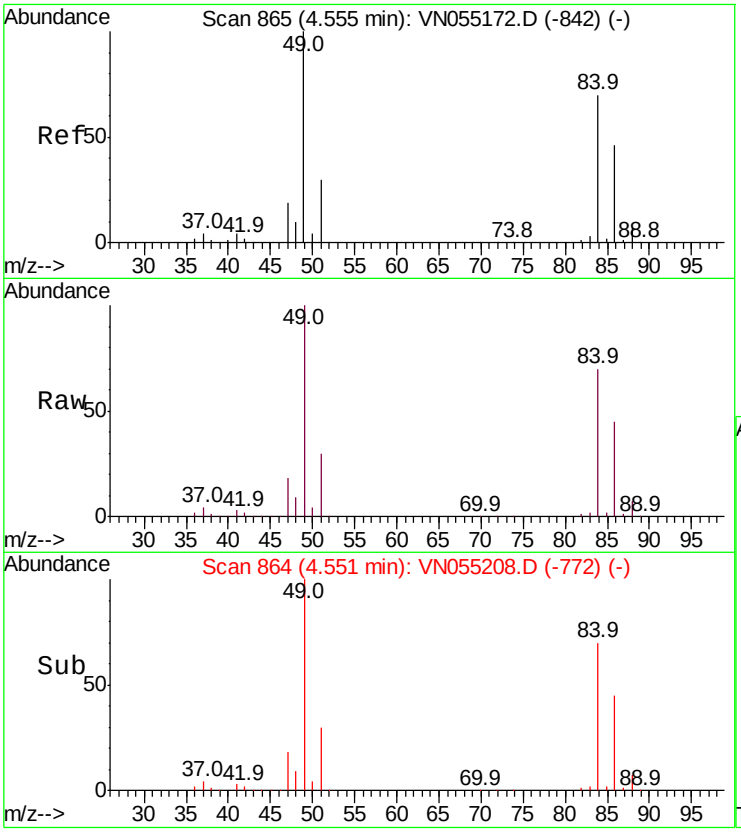


#16
Acetone
Concen: 8.435 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Tgt Ion: 43 Resp: 13907

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.8	35.8



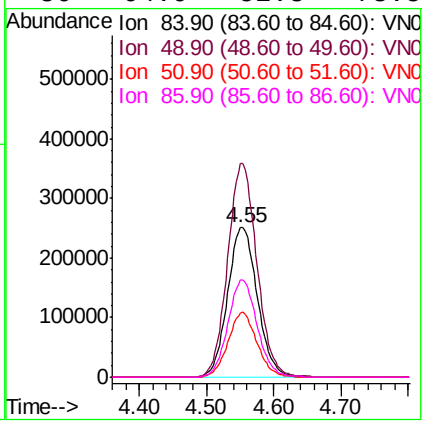


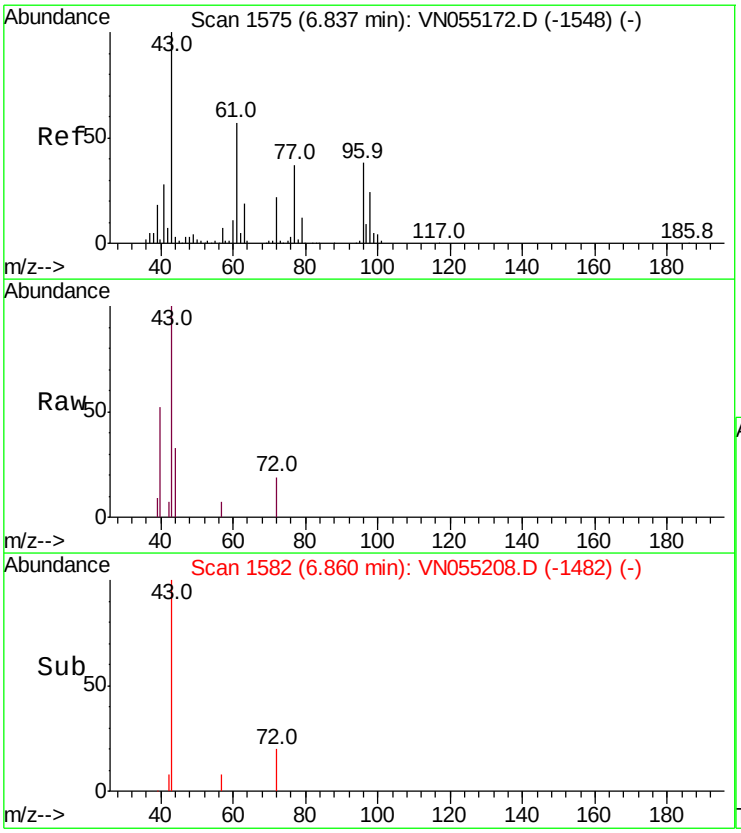
#20
Methylene Chloride
Concen: 163.160 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Instrument : MSVOA_N
ClientSampleId : TR-05-042219

Tgt Ion: 84 Resp: 773318

Ion	Ratio	Lower	Upper
84	100		
49	142.8	113.8	170.6
51	43.1	34.0	51.0
86	64.9	52.3	78.5

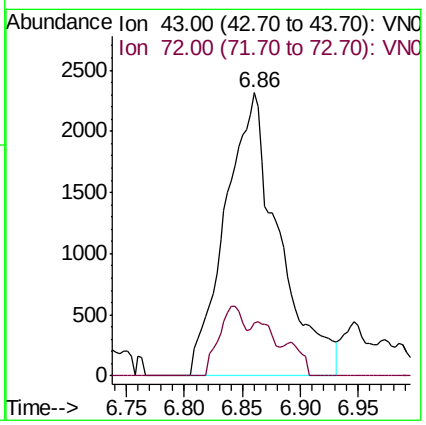


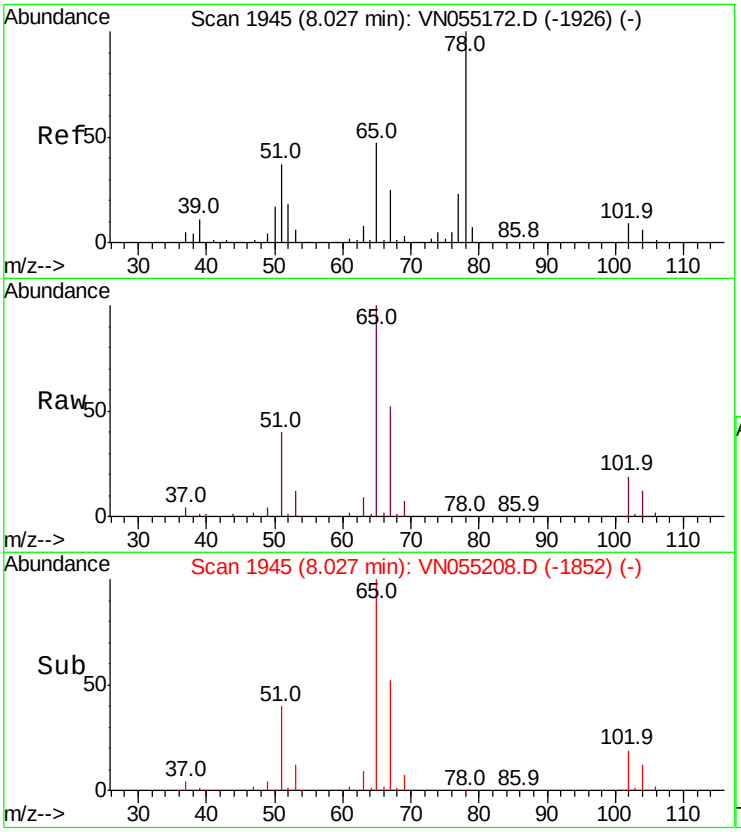


#25
2-Butanone
Concen: 3.496 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Tgt Ion: 43 Resp: 7442

Ion	Ratio	Lower	Upper
43	100		
72	18.7	17.8	26.8



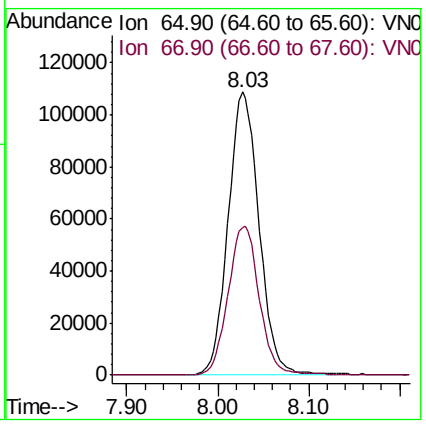


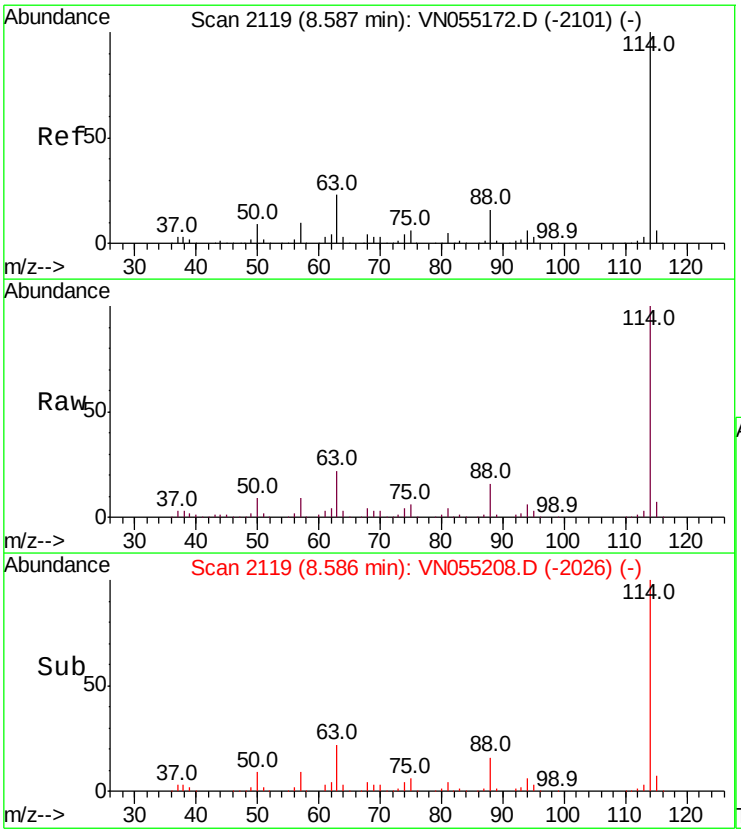
#33
1,2-Dichloroethane-d4
Concen: 51.530 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Instrument :
MSVOA_N
ClientSampleId :
TR-05-042219

Tgt Ion: 65 Resp: 256990

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.6

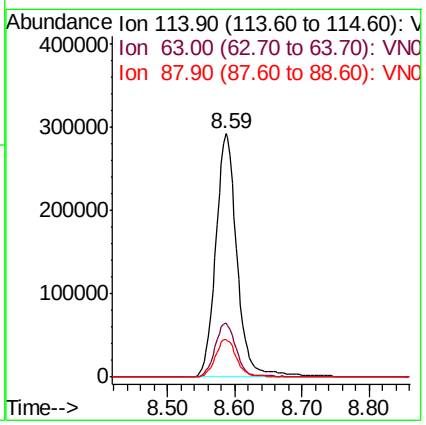


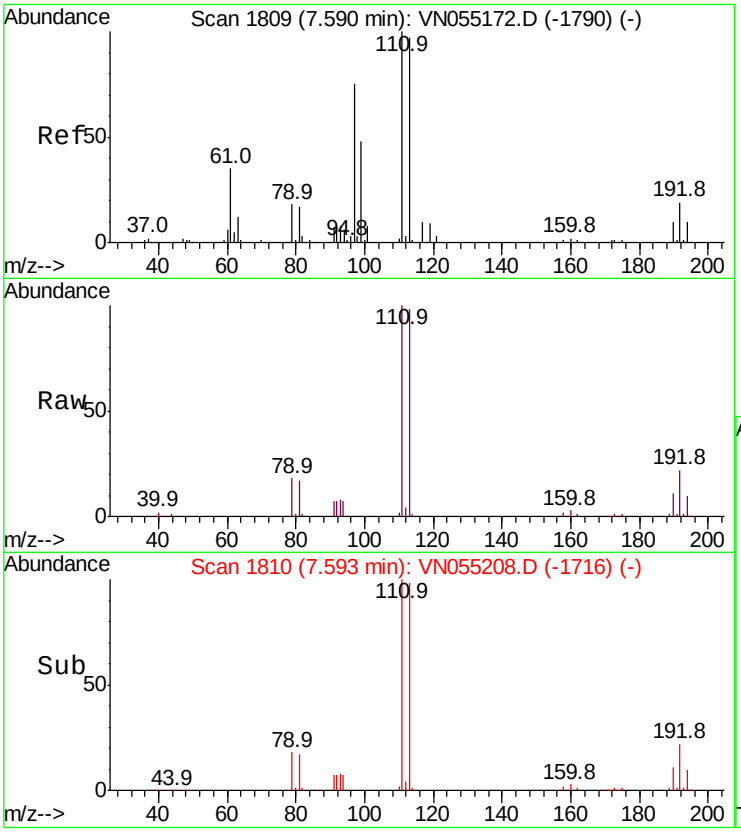


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Tgt Ion:114 Resp: 647753

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.2
88	15.5	0.0	32.8



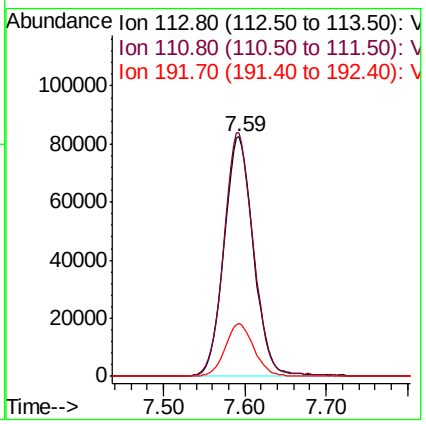


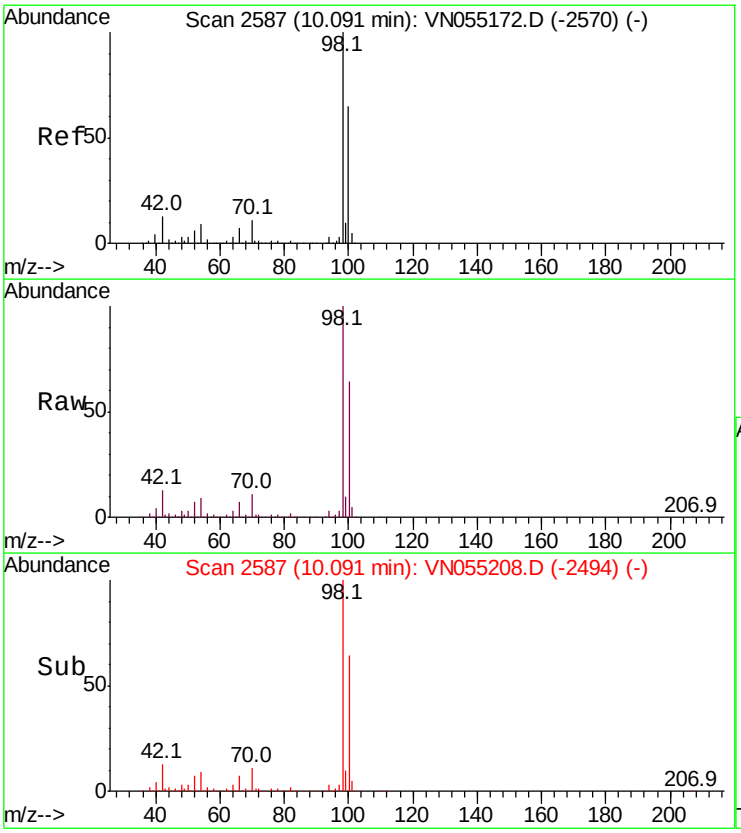
#35
Dibromofluoromethane
Concen: 47.727 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Instrument : MSVOA_N
ClientSampleId : TR-05-042219

Tgt Ion:113 Resp: 210021

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.0	121.4
192	21.4	16.2	24.4

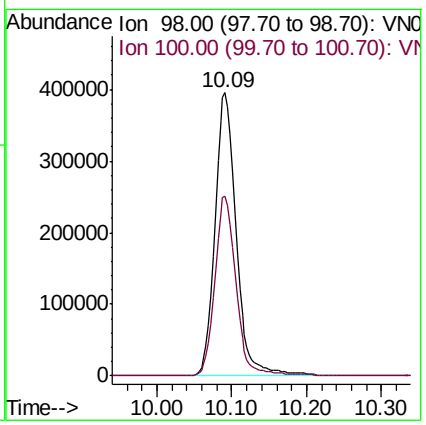


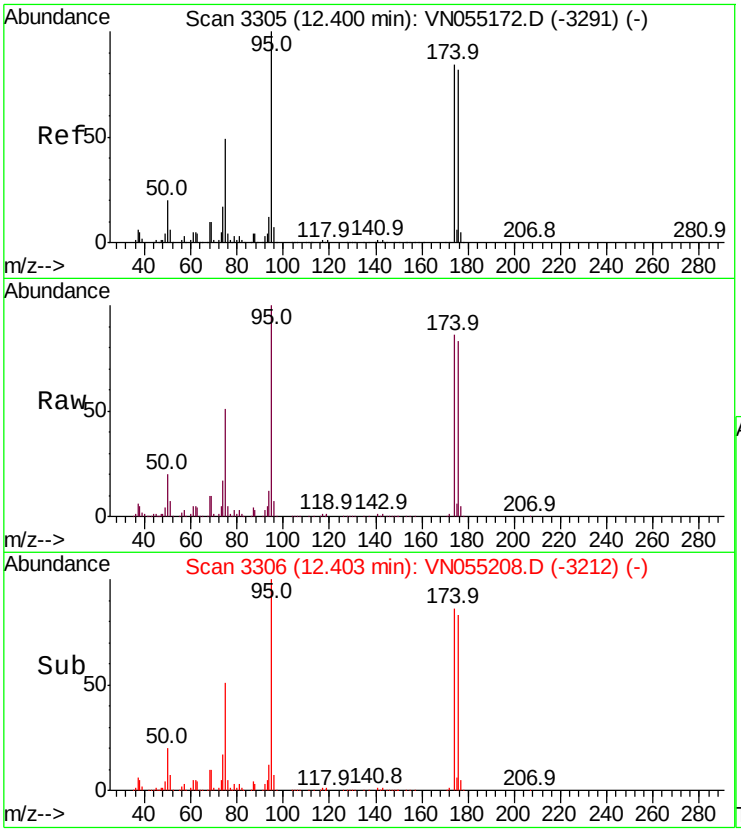


#50
Toluene-d8
Concen: 47.850 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Tgt Ion: 98 Resp: 780170

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.8	77.6



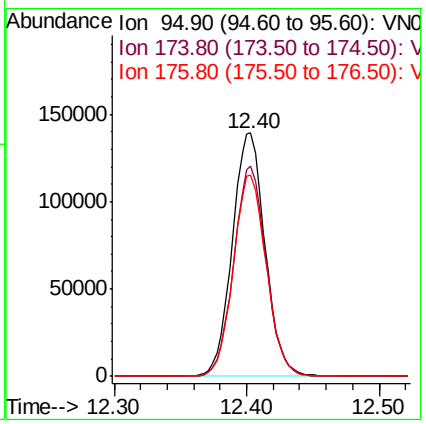


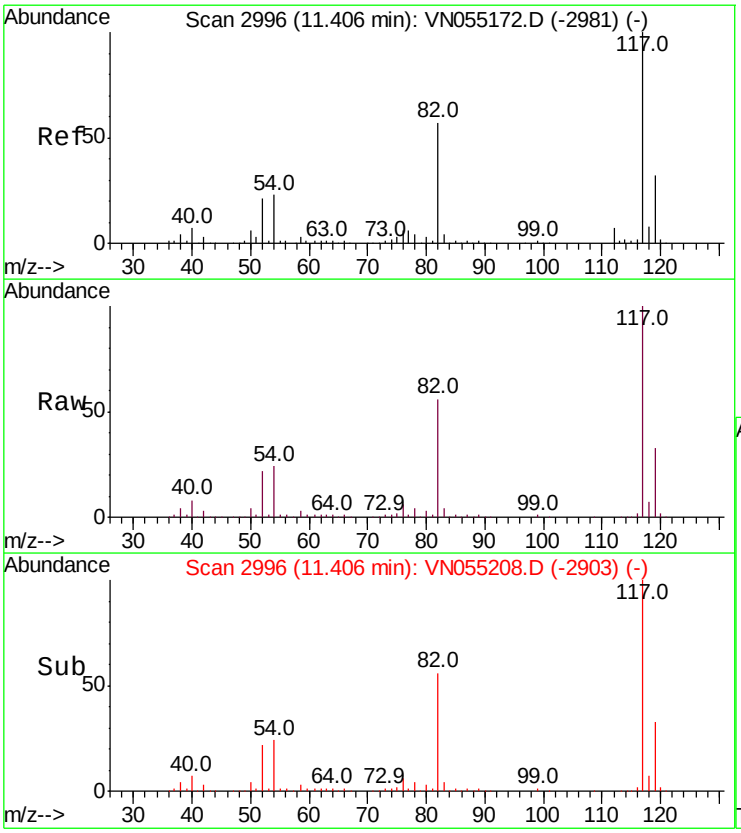
#62
4-Bromofluorobenzene
Concen: 46.359 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Instrument :
MSVOA_N
ClientSampleId :
TR-05-042219

Tgt Ion: 95 Resp: 239361

Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	168.4
176	83.0	0.0	164.0

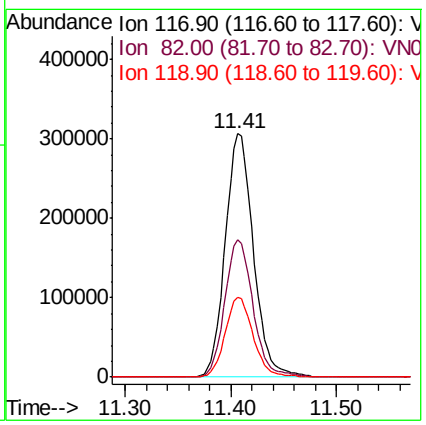


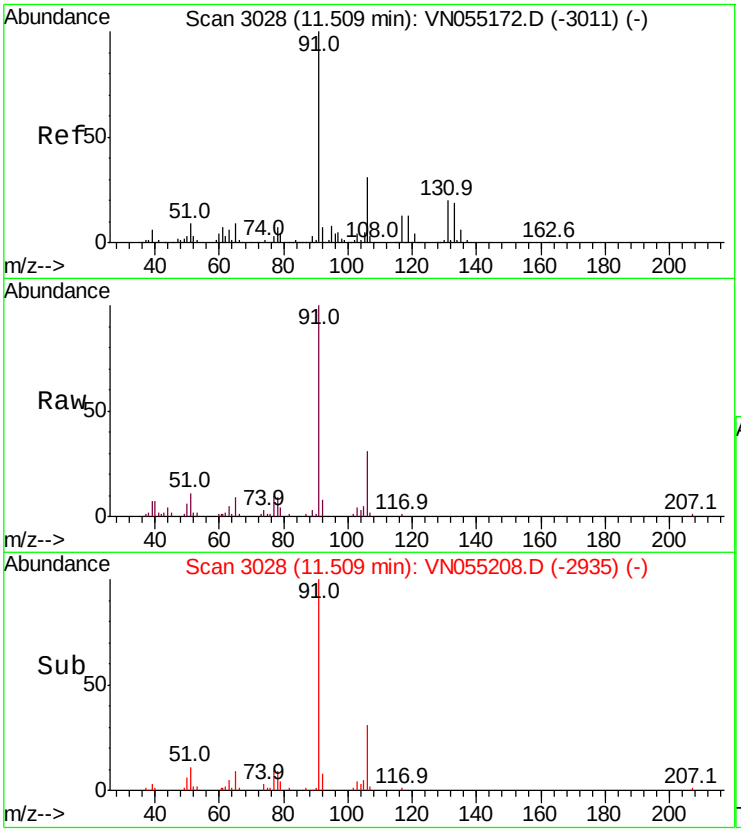


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Tgt Ion:117 Resp: 566371

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.7	68.5
119	32.9	25.4	38.2



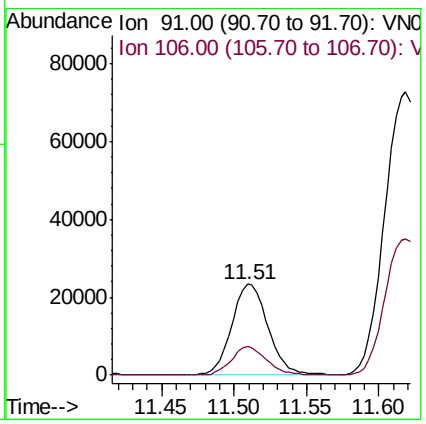


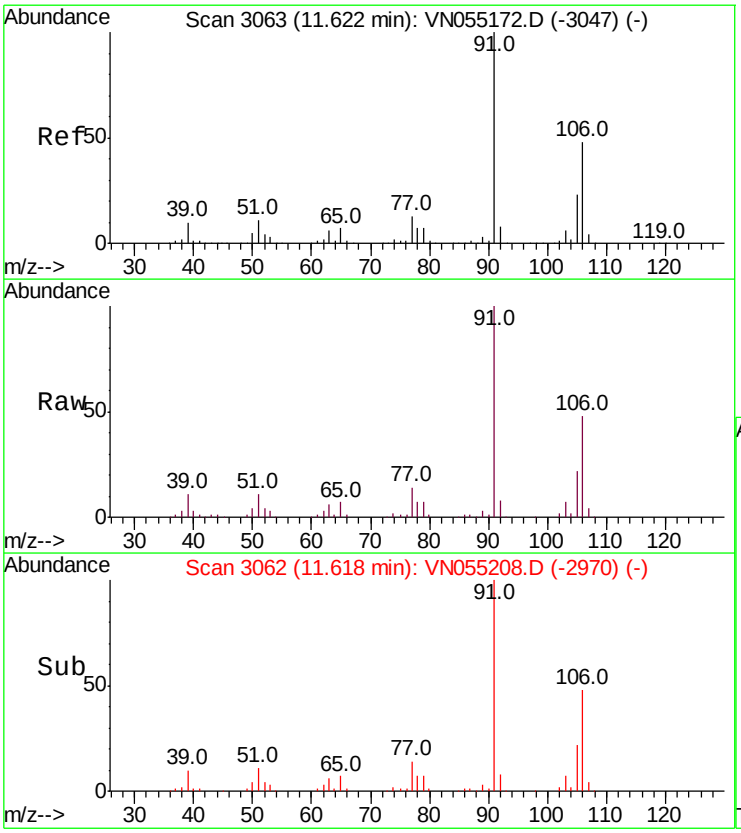
#67
Ethyl Benzene
Concen: 1.974 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Instrument : MSVOA_N
ClientSampleId : TR-05-042219

Tgt Ion: 91 Resp: 40641

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.5	36.7

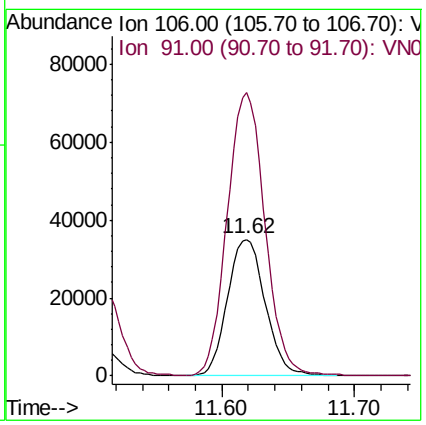


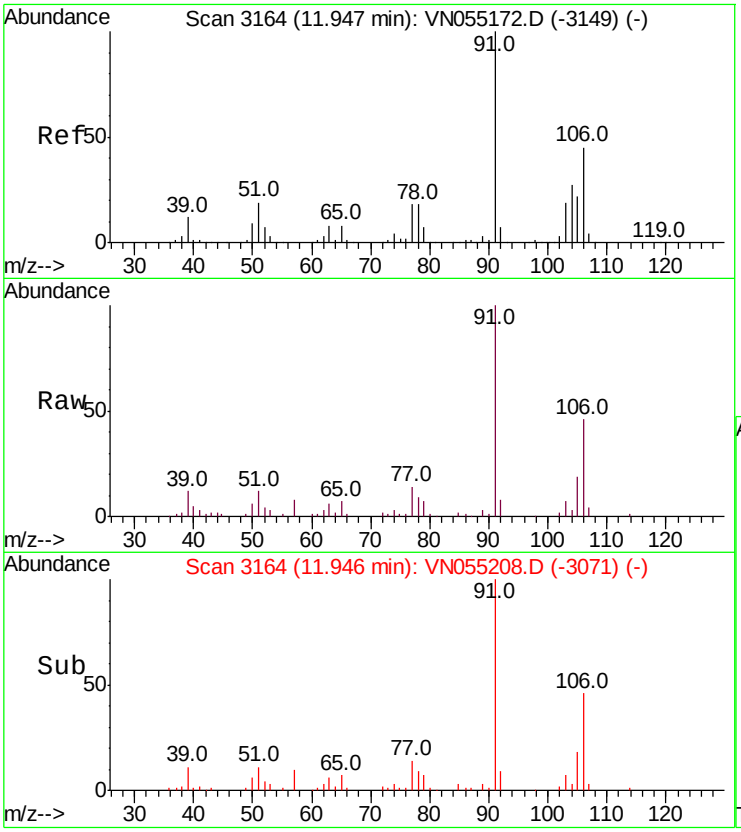


#68
m/p-Xylenes
Concen: 9.398 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Tgt Ion:106 Resp: 69413

Ion	Ratio	Lower	Upper
106	100		
91	207.6	167.1	250.7



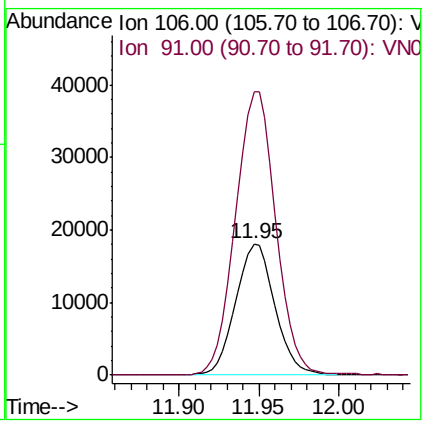


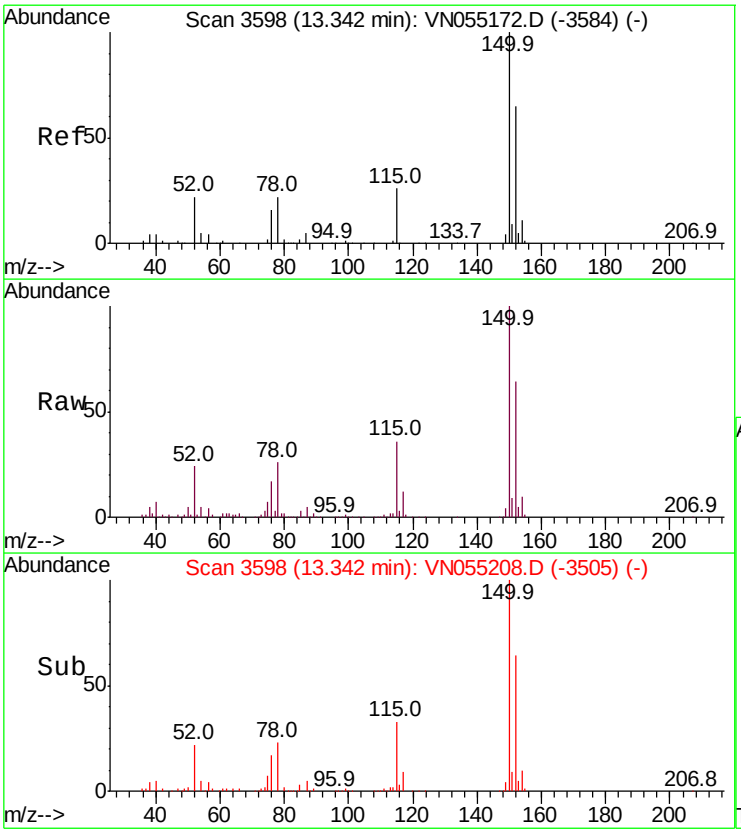
#69
o-Xylene
Concen: 4.122 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Instrument : MSVOA_N
ClientSampleId : TR-05-042219

Tgt Ion:106 Resp: 30213

Ion	Ratio	Lower	Upper
106	100		
91	221.6	110.6	331.8

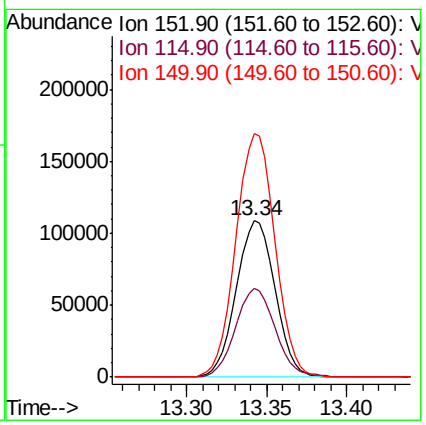


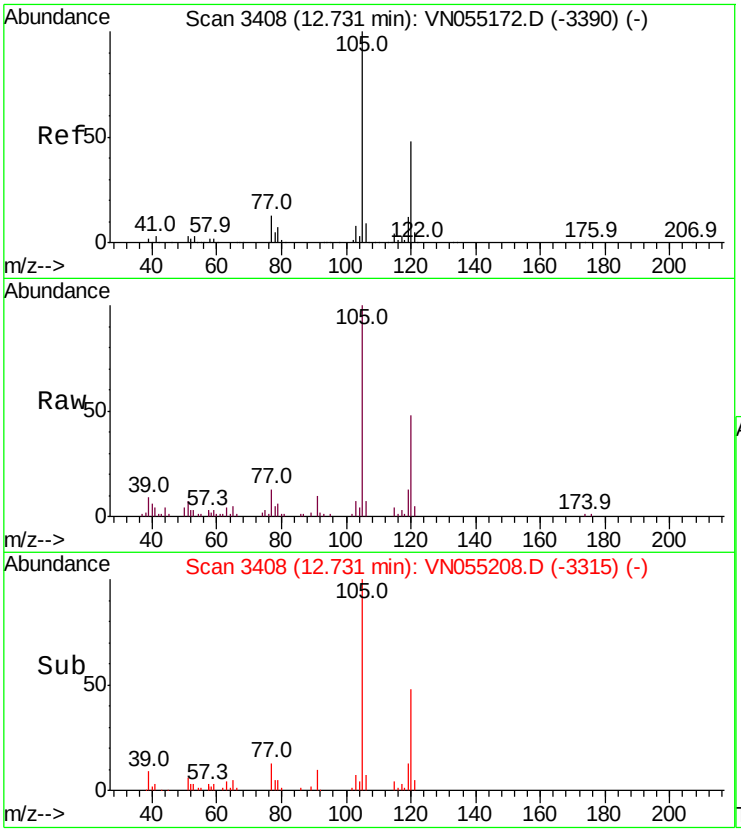


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Tgt Ion:152 Resp: 179721

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.9	86.7
150	157.3	0.0	346.6



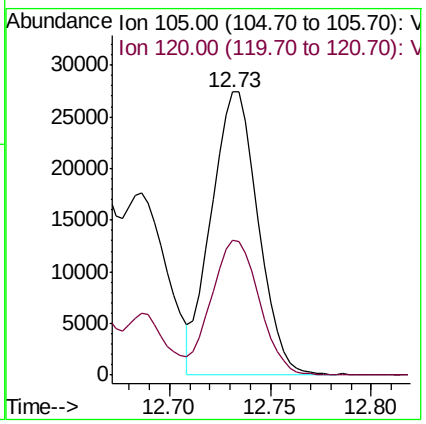


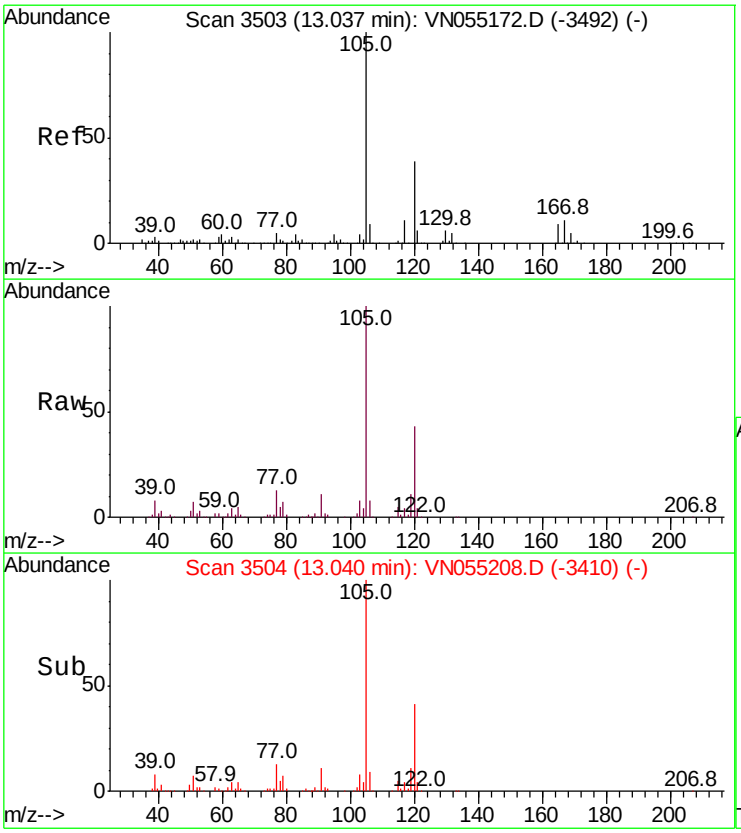
#80
1,3,5-Trimethylbenzene
Concen: 3.304 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Instrument :
MSVOA_N
ClientSampleId :
TR-05-042219

Tgt Ion:105 Resp: 44456

Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.9	71.7

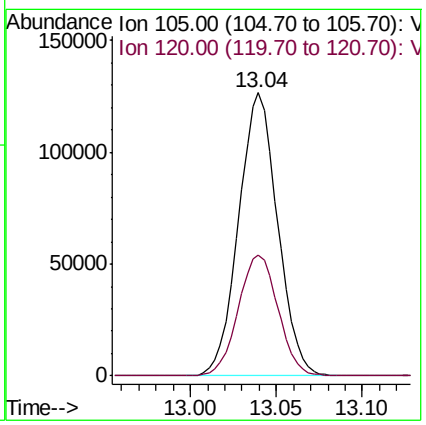


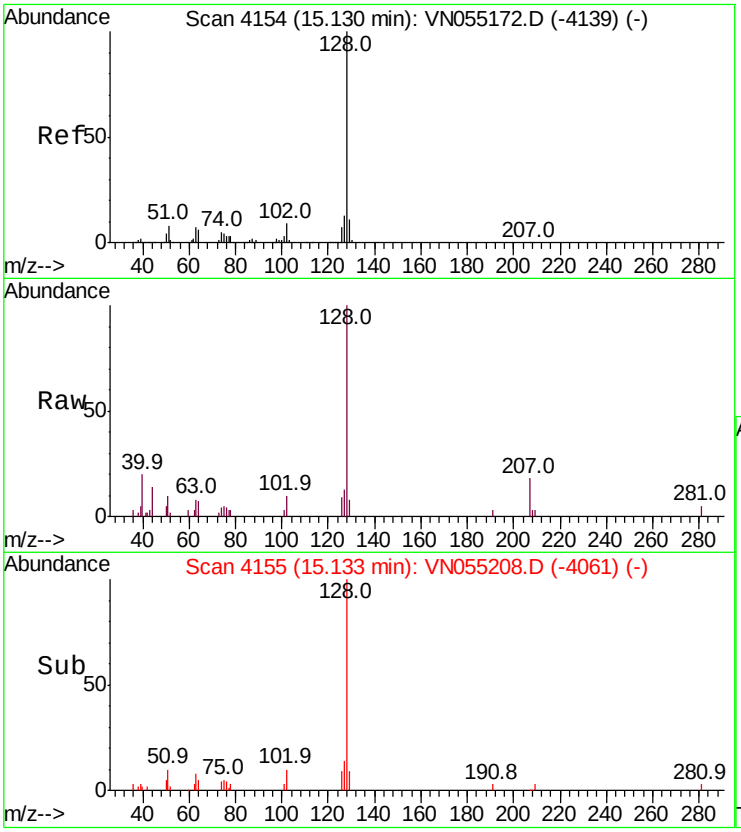


#84
1,2,4-Trimethylbenzene
Concen: 15.694 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Tgt Ion:105 Resp: 199258

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.7	68.1





#95
Naphthalene
Concen: 5.815 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055208.D
Acq: 23 Apr 2019 16:03

Instrument :
MSVOA_N
ClientSampleId :
TR-05-042219

Tgt Ion:128 Resp: 15029

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	4.9	8.8	13.2#