Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032119\
Data File : VN054536.D
Acq On : 22 Mar 2019 3:38
Operator : JC/SP
Sample : K1694-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EO-02-032019-B

Quant Time: Mar 22 10:50:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	642726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1008031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	831730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	314932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	404023	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.08%			
35) Dibromofluoromethane	7.59	113	321272	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.94%			
50) Toluene-d8	10.09	98	1180253	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.68%			
62) 4-Bromofluorobenzene	12.40	95	368441	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.70%			
Target Compounds						Qvalue
16) Acetone	3.82	43	15004	6.242	ug/l	89
20) Methylene Chloride	4.54	84	263474	37.187	ug/l #	83
30) Chloroform	7.37	83	2738	0.226	ug/l	94
43) Isopropyl Acetate	8.17	43	16226	1.433	ug/l #	94
68) m/p-Xylenes	11.62	106	6106	0.539	ug/l	99
69) o-Xylene	11.95	106	4425	0.400	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	24265	1.167	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	28385	1.391	ug/l	98
95) Naphthalene	15.13	128	16448	1.464	ug/l	98

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

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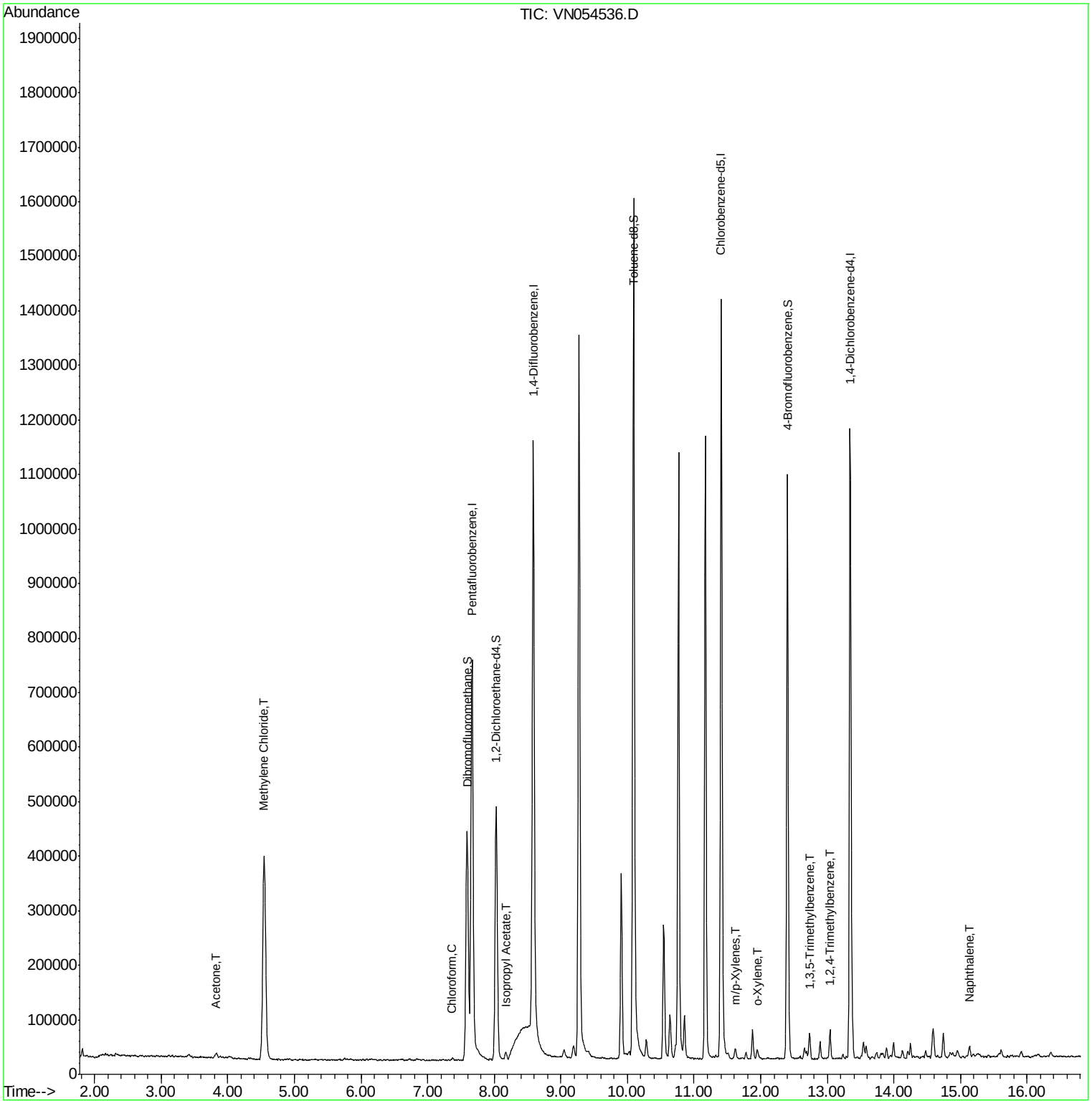
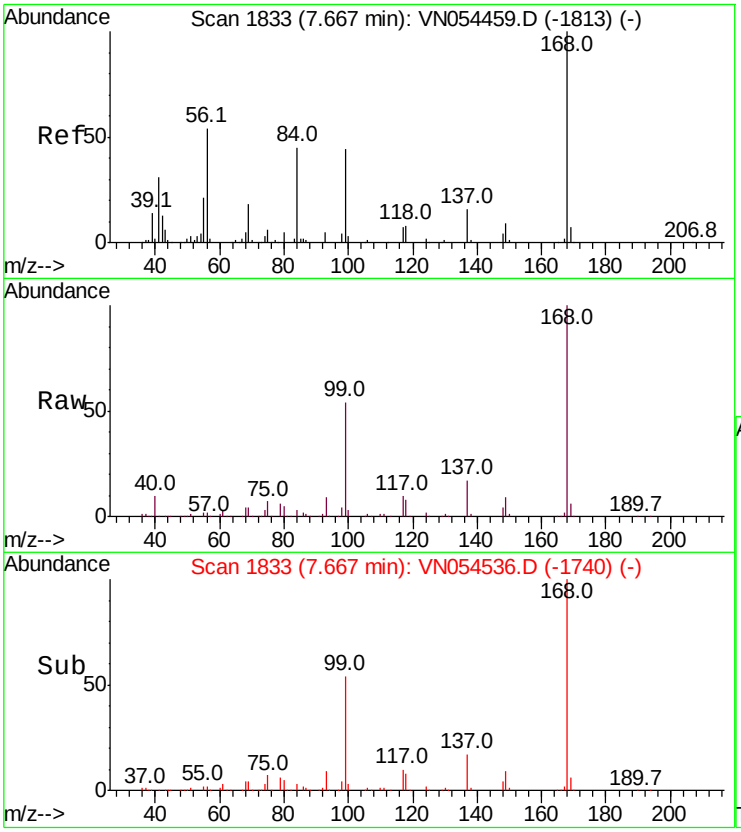
Response via : Initial Calibration



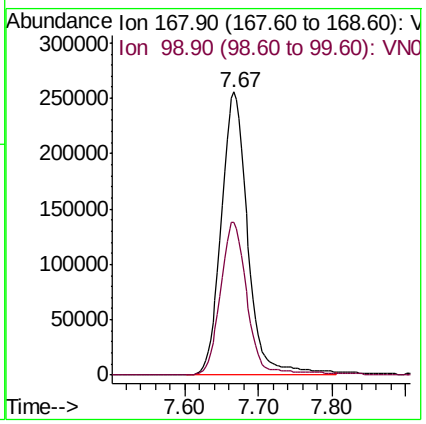


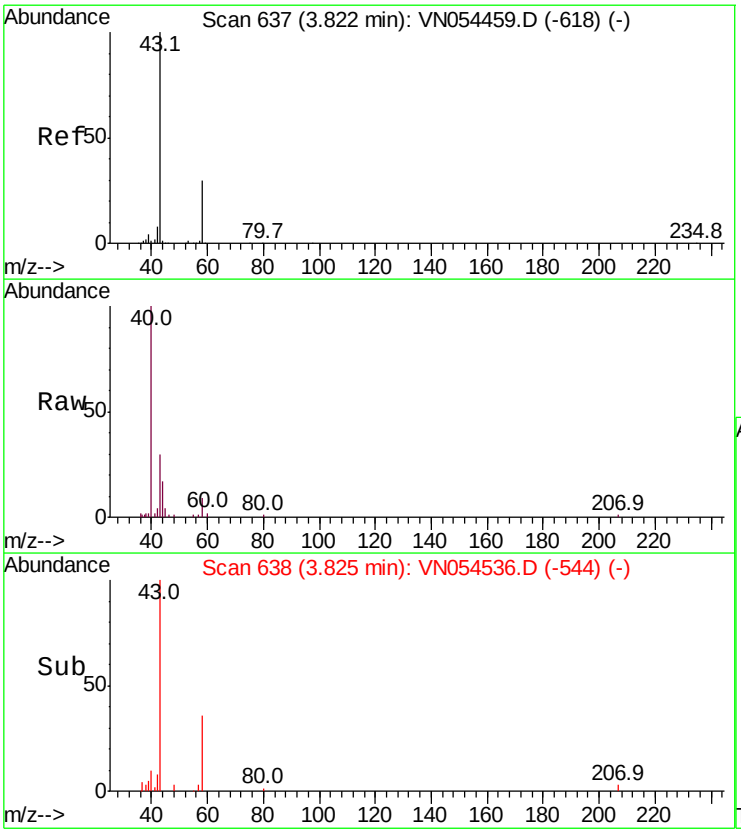
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampleId :
EO-02-032019-B

Tgt Ion:168 Resp: 642726

Ion	Ratio	Lower	Upper
168	100		
99	54.1	37.1	55.7

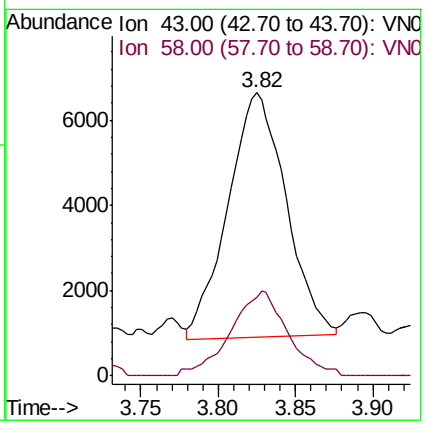


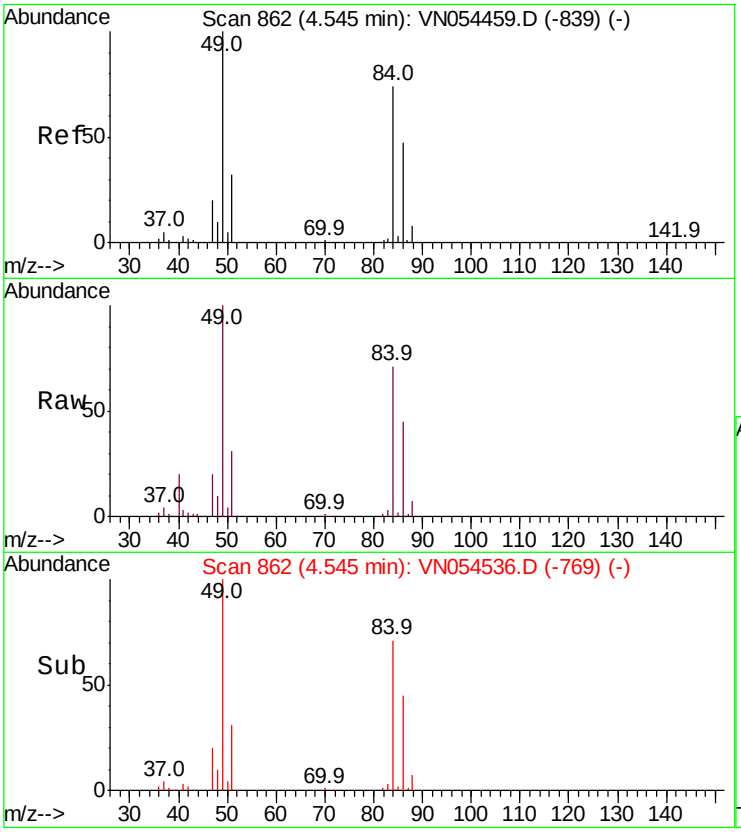


#16
Acetone
Concen: 6.242 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Tgt Ion: 43 Resp: 15004

Ion	Ratio	Lower	Upper
43	100		
58	30.6	29.9	44.9



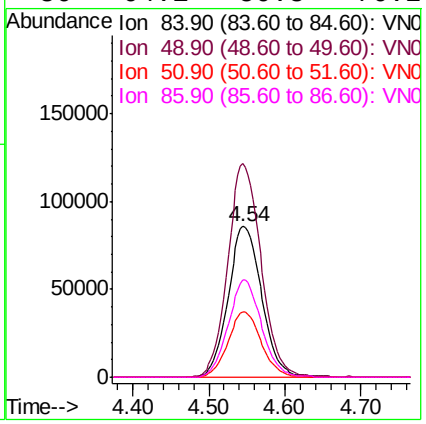


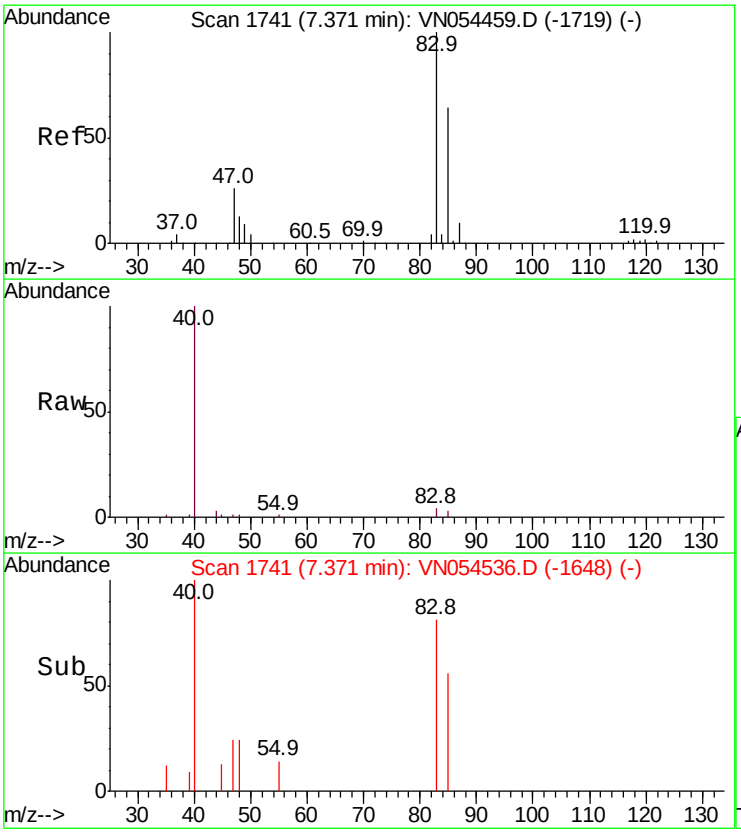
#20
Methylene Chloride
Concen: 37.187 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Instrument : MSVOA_N
ClientSampleId : EO-02-032019-B

Tgt Ion: 84 Resp: 263474

Ion	Ratio	Lower	Upper
84	100		
49	141.6	89.7	134.5#
51	43.4	28.2	42.4#
86	64.1	50.8	76.2

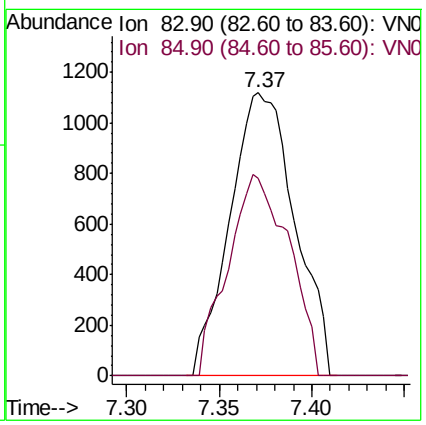


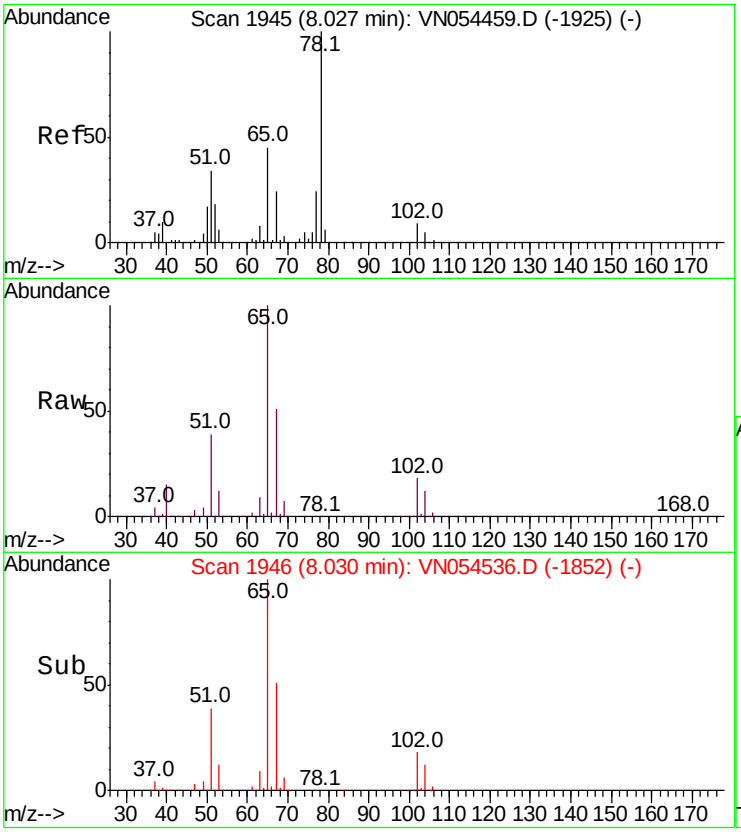


#30
Chloroform
Concen: 0.226 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Tgt Ion: 83 Resp: 2738

Ion	Ratio	Lower	Upper
83	100		
85	69.7	52.2	78.4



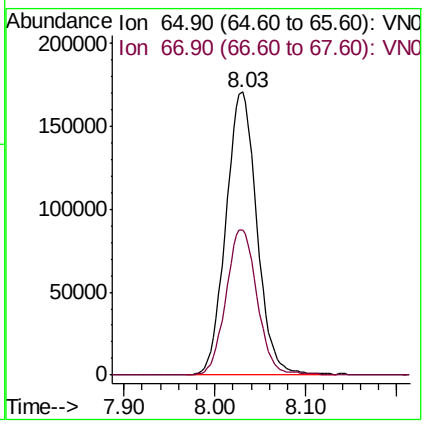


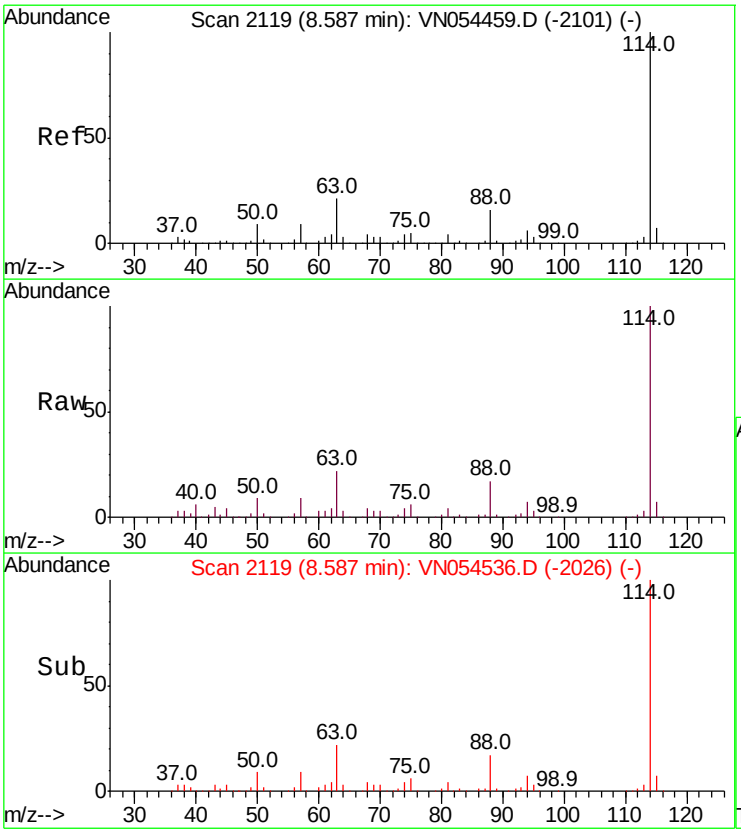
#33
1,2-Dichloroethane-d4
Concen: 50.538 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampleId :
EO-02-032019-B

Tgt Ion: 65 Resp: 404023

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6

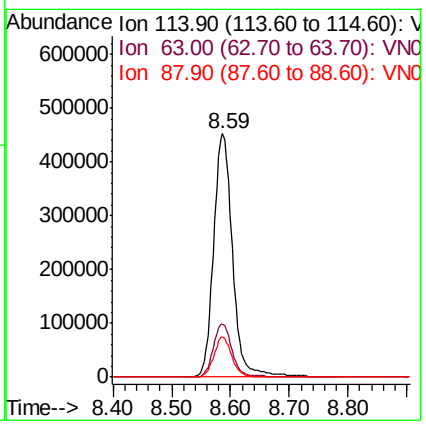


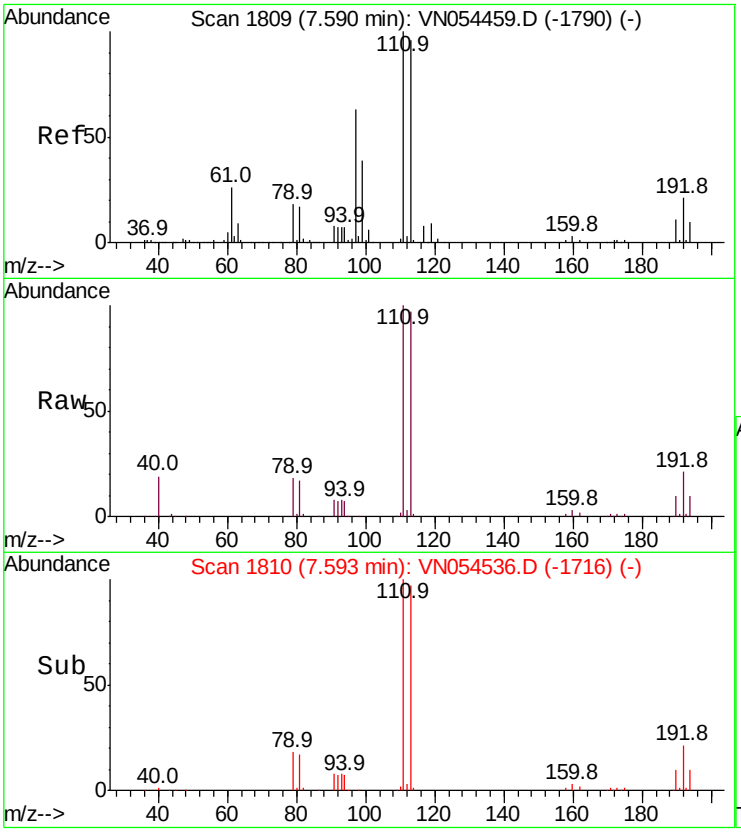


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Tgt Ion:114 Resp: 1008031

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.2
88	16.7	0.0	30.2



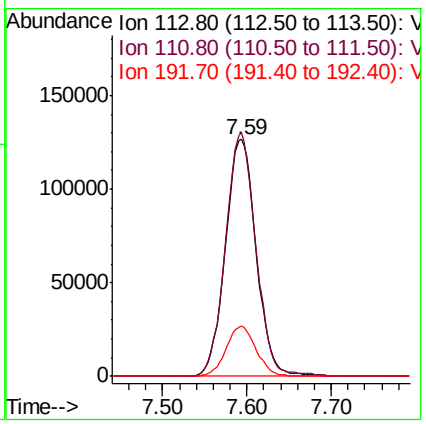


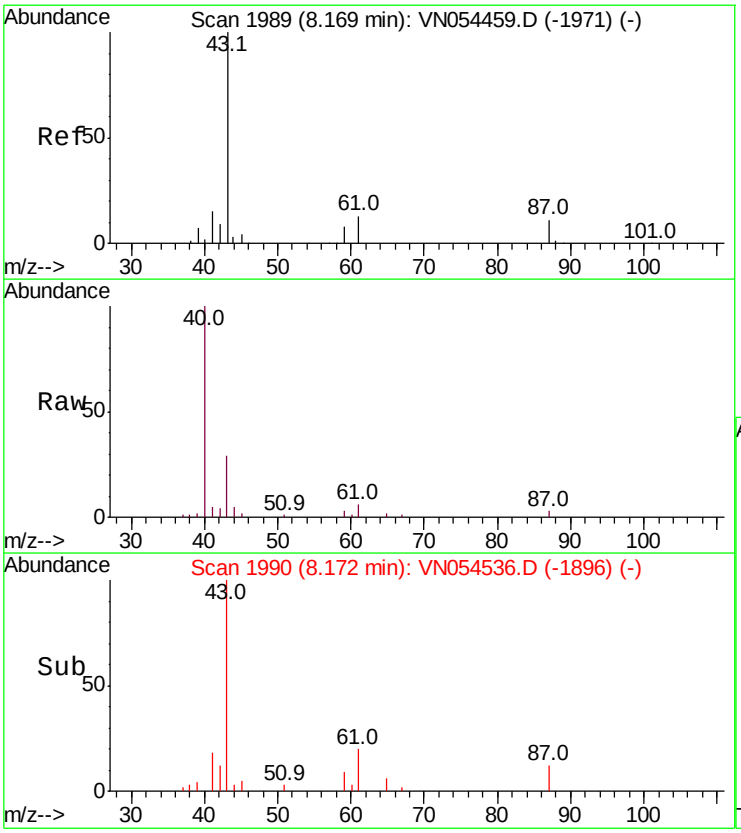
#35
Dibromofluoromethane
Concen: 49.470 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampleId :
EO-02-032019-B

Tgt Ion:113 Resp: 321272

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	20.8	19.2	28.8

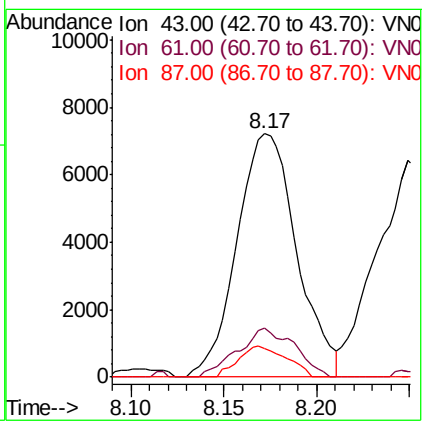


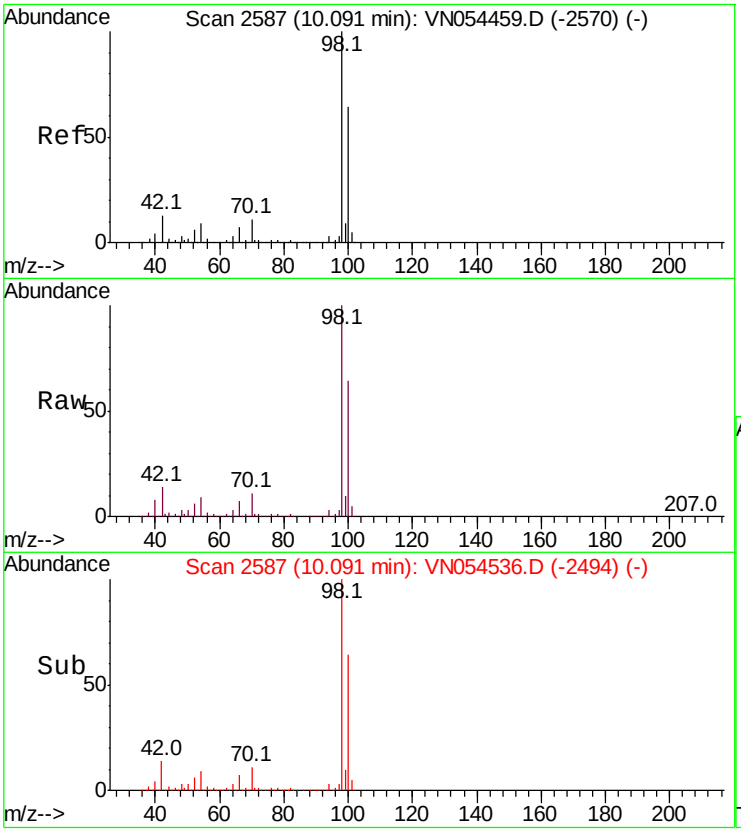


#43
Isopropyl Acetate
Concen: 1.433 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Tgt Ion: 43 Resp: 16226

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.8	23.8
87	10.1	12.0	18.0#



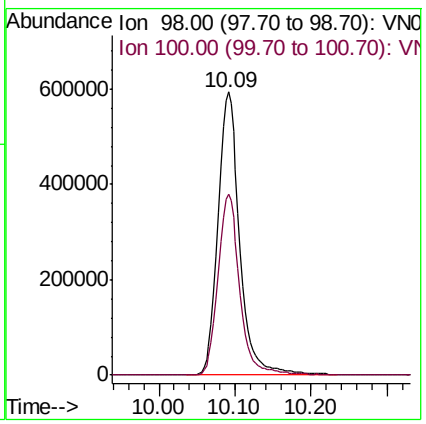


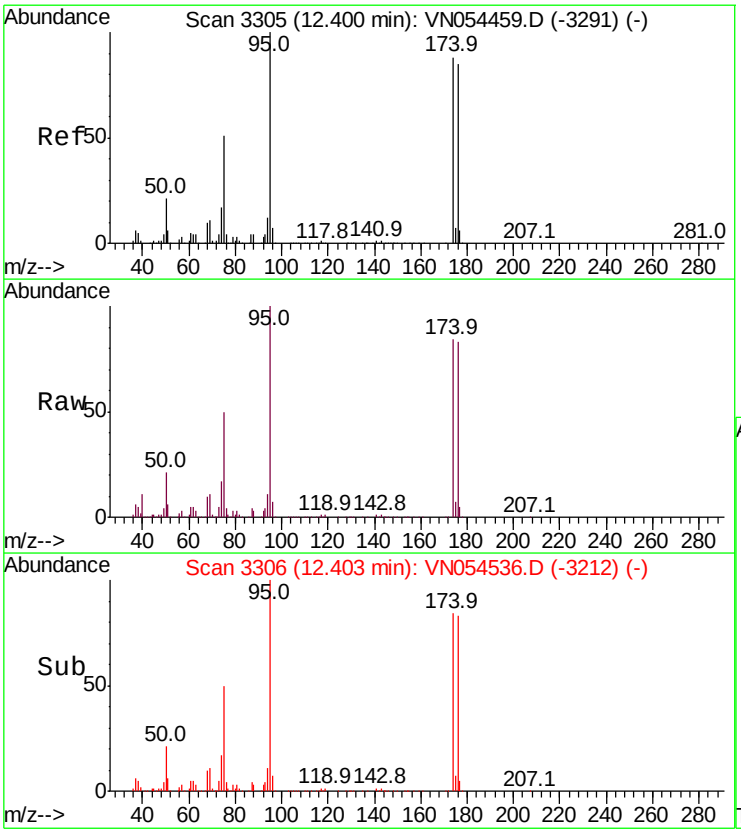
#50
Toluene-d8
Concen: 48.343 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampleId :
EO-02-032019-B

Tgt Ion: 98 Resp: 1180253

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8

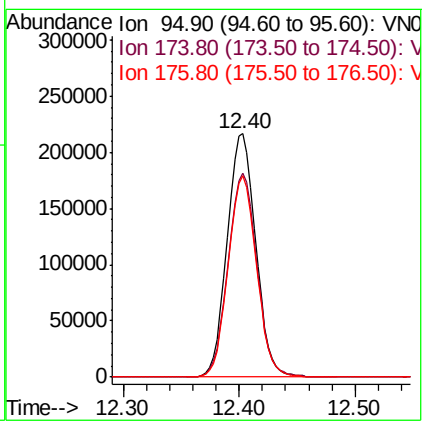


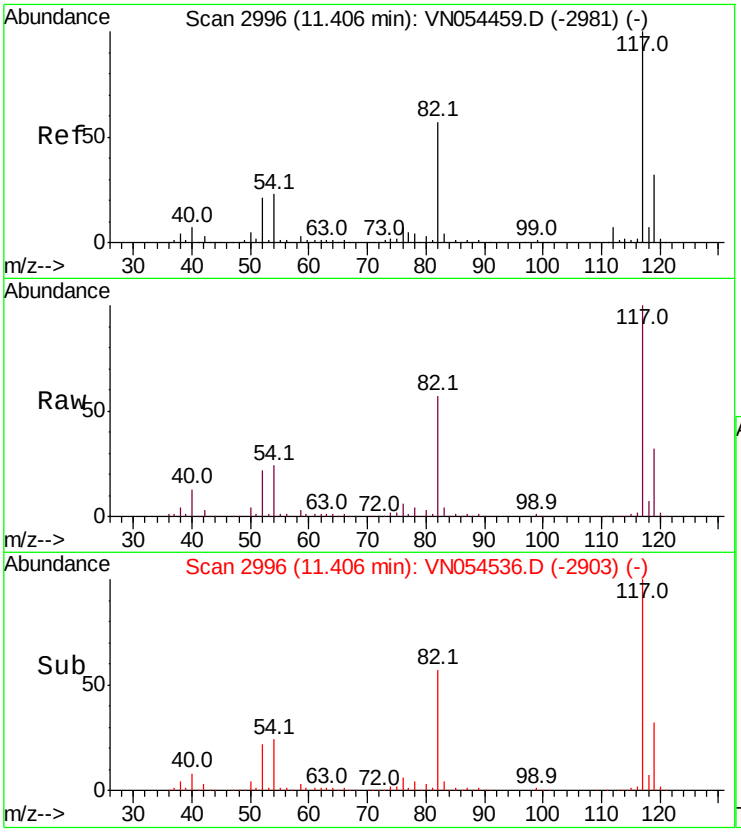


#62
4-Bromofluorobenzene
Concen: 44.349 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Tgt Ion: 95 Resp: 368441

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	191.0
176	82.0	0.0	187.4



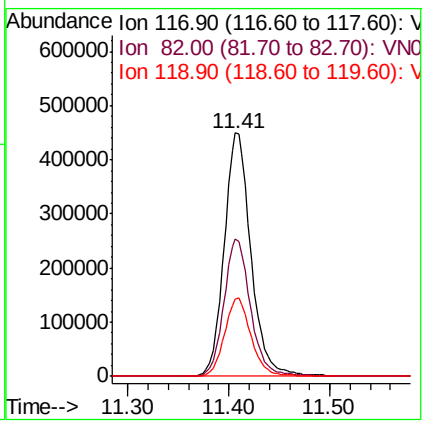


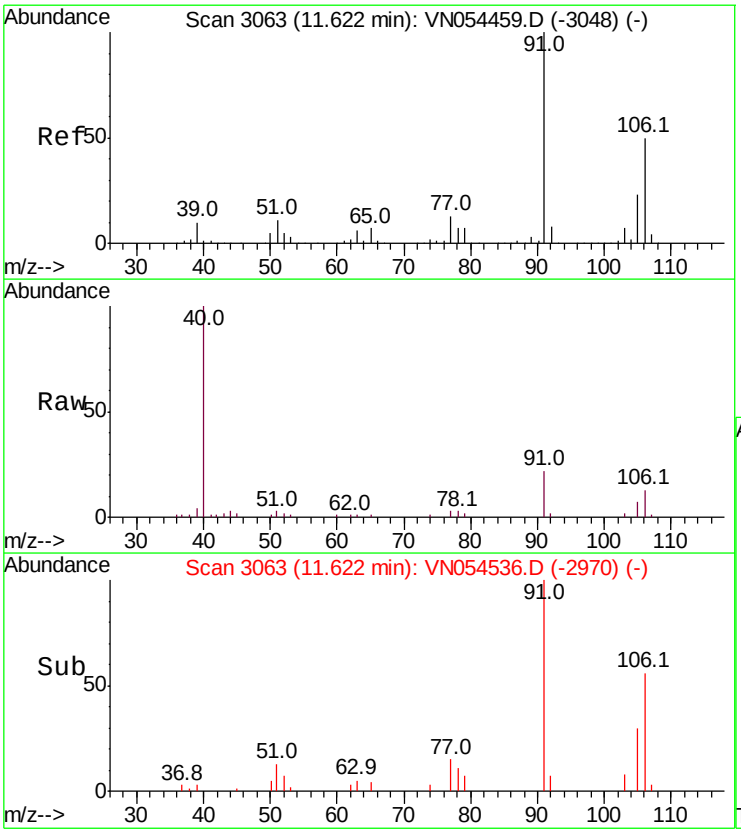
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Instrument : MSVOA_N
ClientSampleId : EO-02-032019-B

Tgt Ion:117 Resp: 831730

Ion	Ratio	Lower	Upper
117	100		
82	56.7	40.0	60.0
119	31.9	25.8	38.6

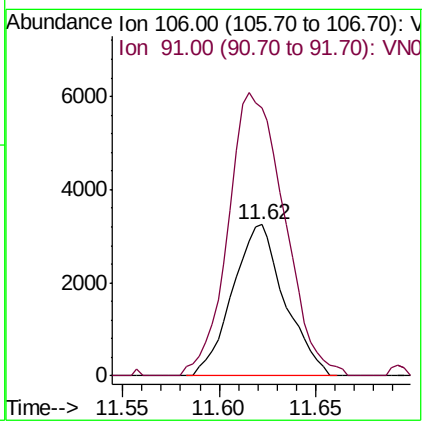


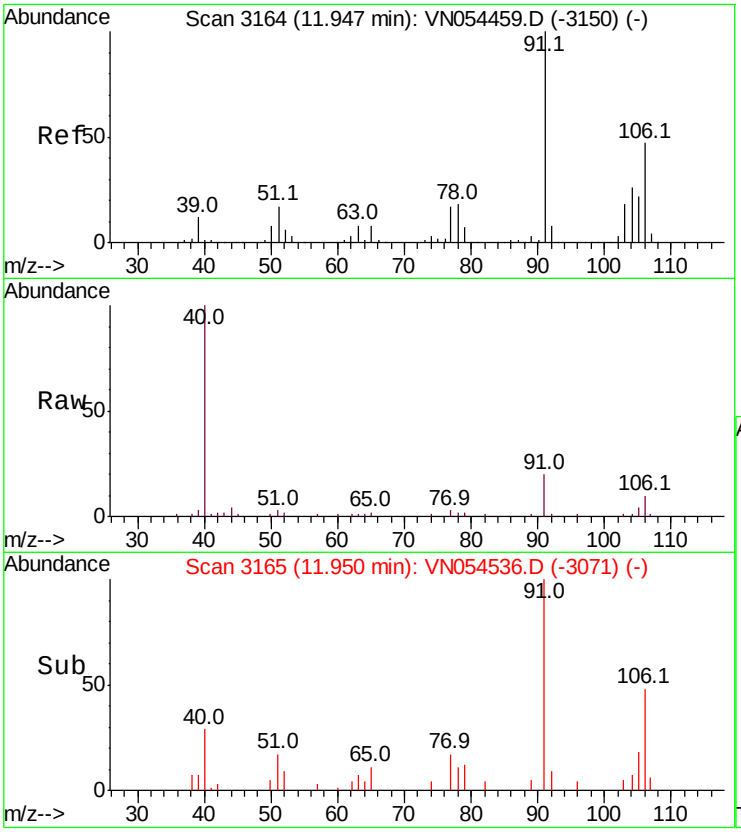


#68
m/p-Xylenes
Concen: 0.539 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Tgt Ion:106 Resp: 6106

Ion	Ratio	Lower	Upper
106	100		
91	201.4	159.4	239.2



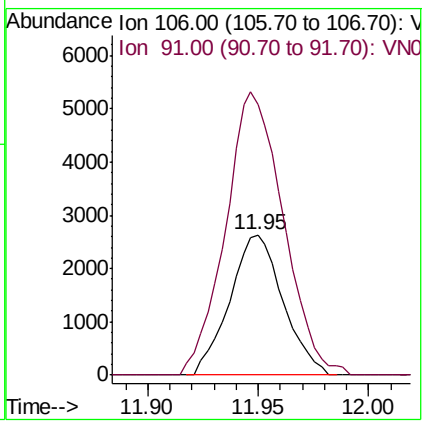


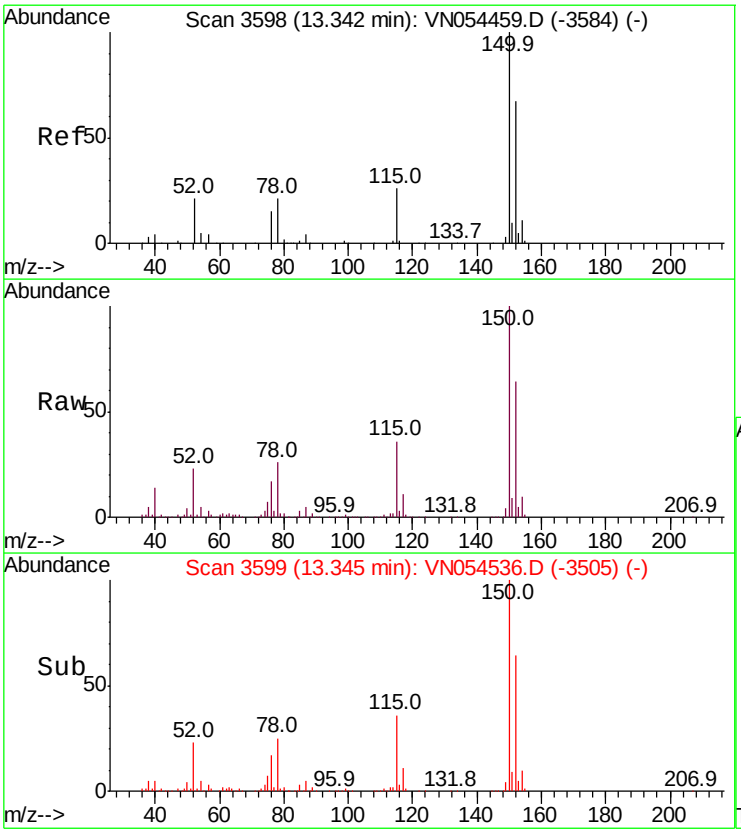
#69
o-Xylene
Concen: 0.400 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampleId :
EO-02-032019-B

Tgt Ion:106 Resp: 4425

Ion	Ratio	Lower	Upper
106	100		
91	219.1	105.7	317.1

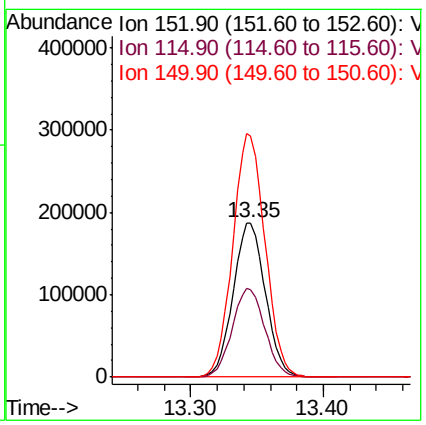


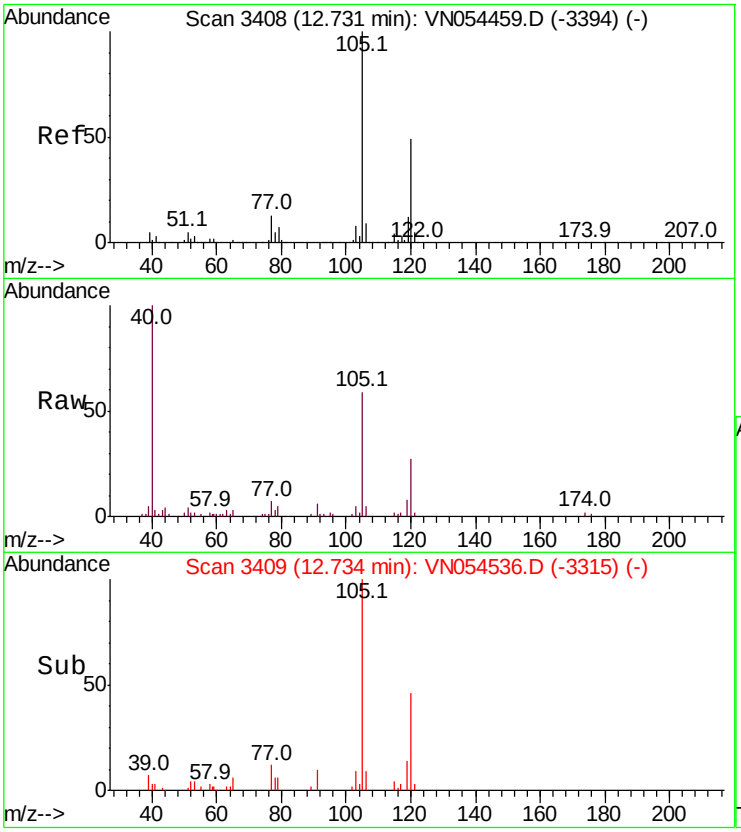


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Tgt Ion:152 Resp: 314932

Ion	Ratio	Lower	Upper
152	100		
115	58.3	27.2	81.6
150	158.0	0.0	349.2



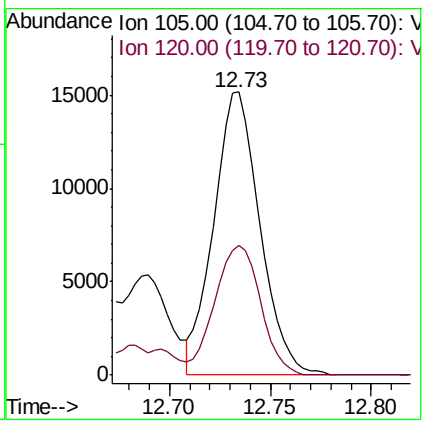


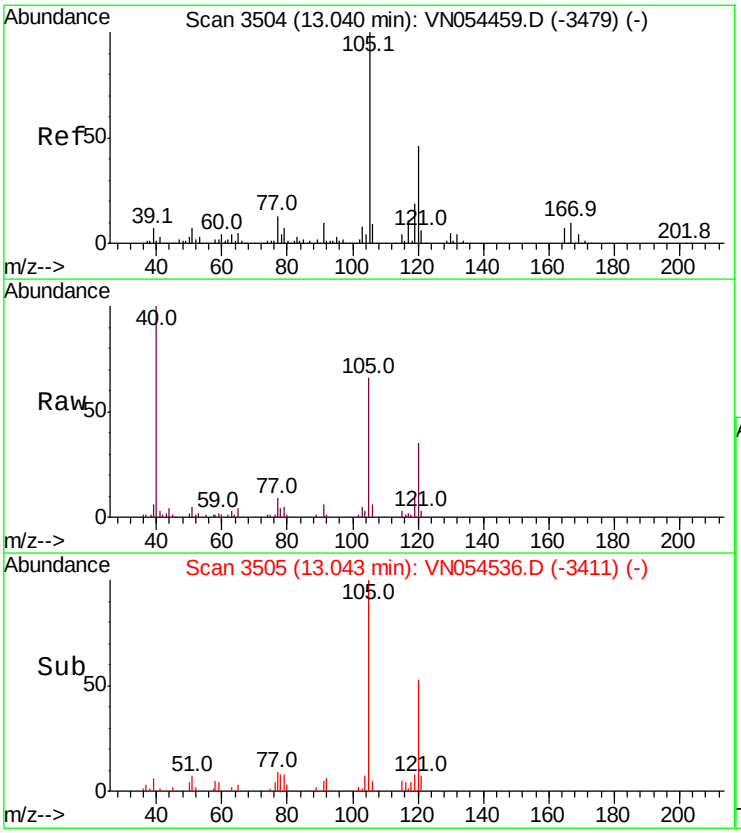
#80
1,3,5-Trimethylbenzene
Concen: 1.167 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampleId :
EO-02-032019-B

Tgt Ion:105 Resp: 24265

Ion	Ratio	Lower	Upper
105	100		
120	45.4	25.0	75.0

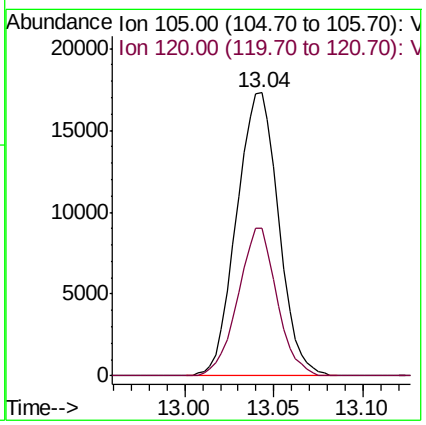


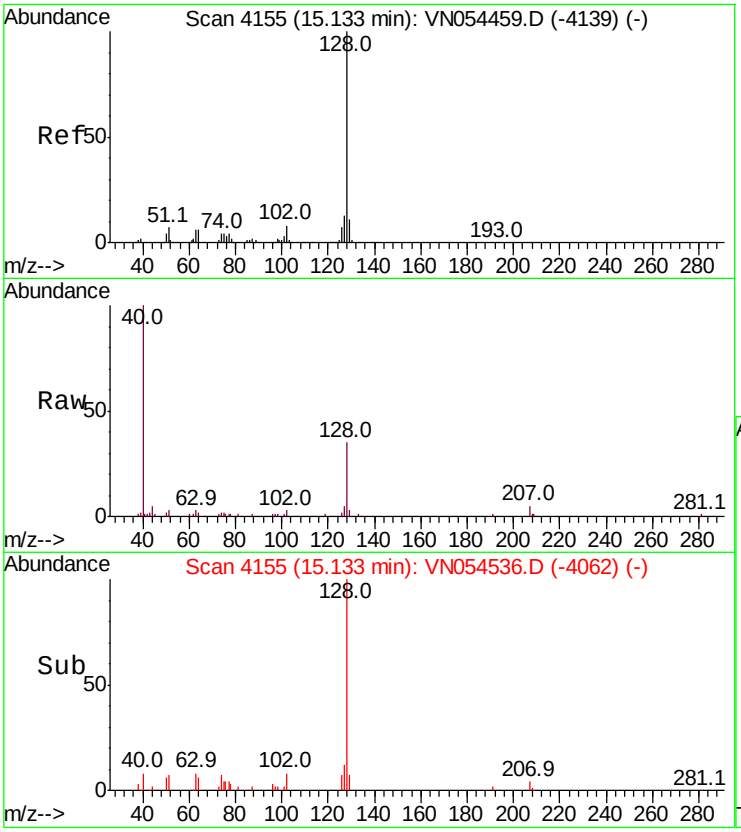


#84
1,2,4-Trimethylbenzene
Concen: 1.391 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Tgt Ion:105 Resp: 28385

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.4	70.3





#95
Naphthalene
Concen: 1.464 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054536.D
Acq: 22 Mar 2019 3:38

Instrument :
MSVOA_N
ClientSampleId :
EO-02-032019-B

Tgt Ion:128 Resp: 16448

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.1	15.1
129	10.3	8.7	13.1