Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

Quantitation Report (Not Reviewed)

Data File : VV012895.D
Acq On : 18 Sep 2019 14:42
Operator : SY/MD
Sample : K4833-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOH3

Quant Time: Sep 19 01:58:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	416171	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	402222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	166443	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	167513	4.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.40%			
7) Chloroethane-d5	1.58	69	151227	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	2.13	63	210122	3.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.20%			
20) 2-Butanone-d5	3.99	46	398826	46.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.48%			
24) Chloroform-d	4.40	84	304163	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.08	65	158967	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.10	84	636938	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.12	67	200043	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.36	98	516169	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	7.66	79	65829	4.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.20%			
46) 2-Hexanone-d5	8.14	63	279924	45.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.28%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	143021	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	184361	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
3) Chloromethane	1.26	50	5655	0.195	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1954	0.080	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1808	0.081	ug/L #	1
13) Acetone	2.28	43	22763	4.991	ug/L	75
14) Carbon disulfide	2.32	76	10294	0.225	ug/L	96
15) Methyl Acetate	2.45	43	3592	0.301	ug/L #	61
17) Methyl tert-butyl Ether	2.81	73	7908	0.125	ug/L #	1
25) Chloroform	4.43	83	5836	0.101	ug/L	88
30) Cyclohexane	4.72	56	13473	0.387	ug/L #	59
33) Benzene	5.15	78	55914	0.536	ug/L	100
35) Methylcyclohexane	6.18	83	15160	0.420	ug/L	91
37) 1,2-Dichloropropane	6.12	63	21740	0.764	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	4294	0.114	ug/L #	55
42) Toluene	7.43	91	152893	1.407	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	2771	0.092	ug/L	87
47) Tetrachloroethene	8.02	164	45115	2.088	ug/L	98
48) 2-Hexanone	8.14	43	45203	3.416	ug/L #	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

Quantitation Report (Not Reviewed)

Data File : VV012895.D
Acq On : 18 Sep 2019 14:42
Operator : SY/MD
Sample : K4833-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETOH3

Quant Time: Sep 19 01:58:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dibromochloromethane	8.02	129	39400	1.624	ug/L	#	10
52) Ethylbenzene	9.05	91	44239	0.380	ug/L		99
53) m,p-xylene	9.18	106	24272	0.565	ug/L		96
54) o-xylene	9.59	106	10269	0.243	ug/L		98

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

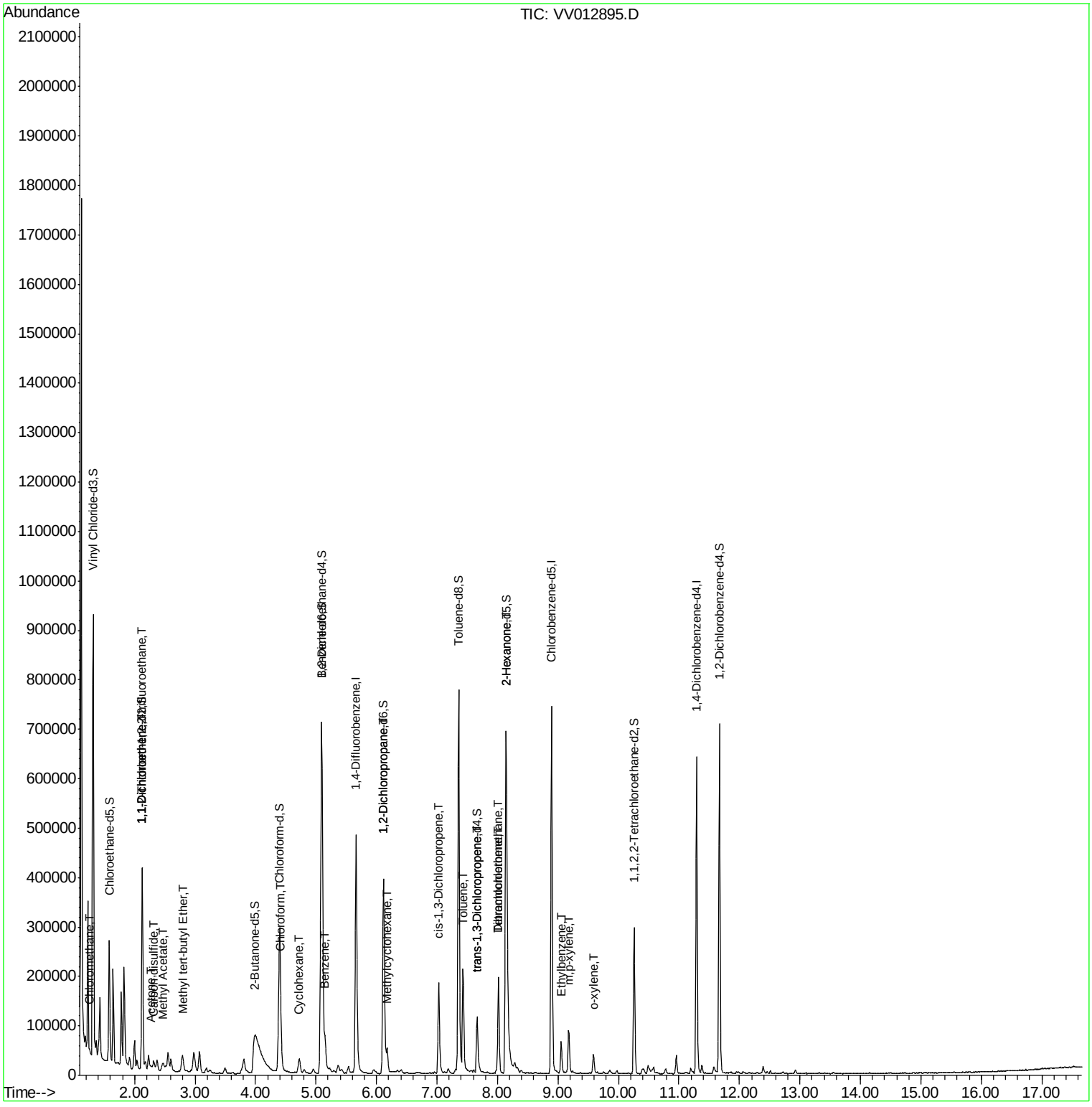
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

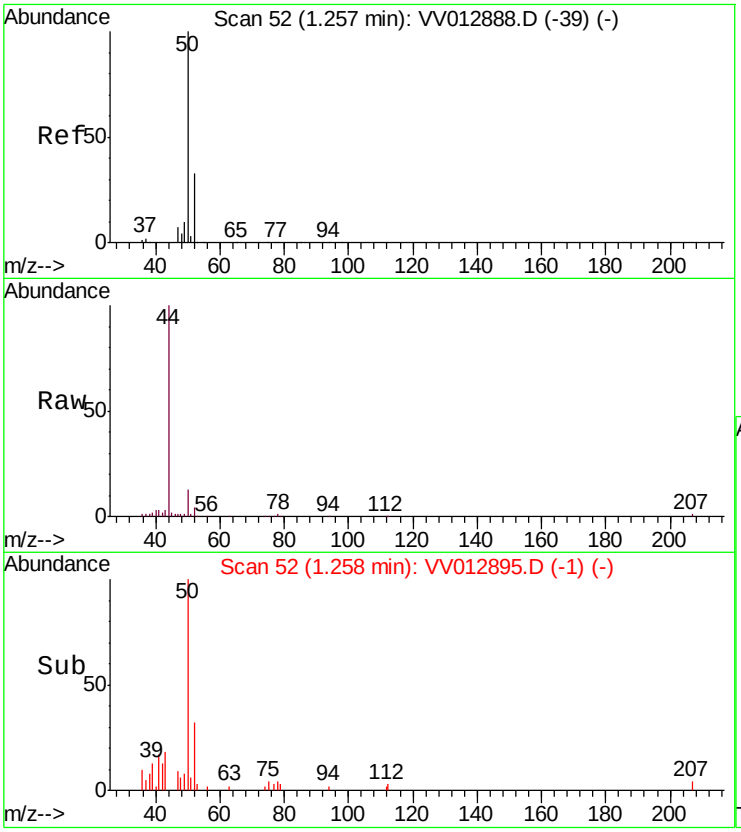
Quantitation Report (Not Reviewed)

Data File : VV012895.D
Acq On : 18 Sep 2019 14:42
Operator : SY/MD
Sample : K4833-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Quant Time: Sep 19 01:58:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration



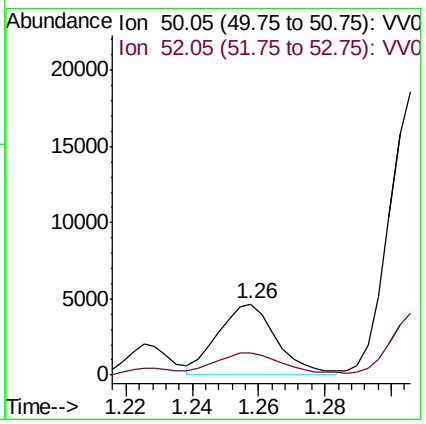


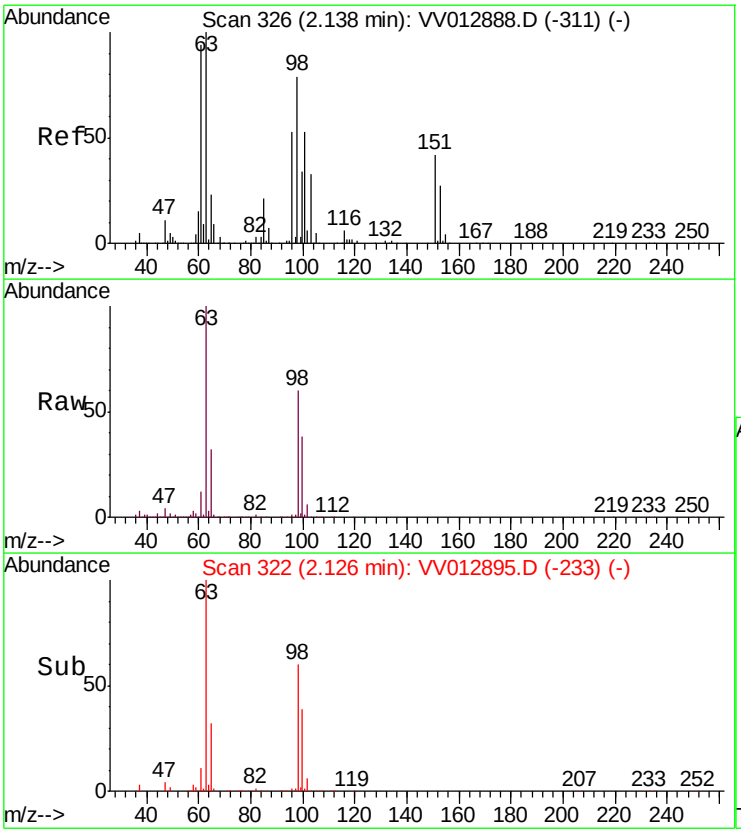
#3
Chloromethane
Concen: 0.195 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion: 50 Resp: 5655

Ion	Ratio	Lower	Upper
50	100		
52	31.6	22.8	42.4

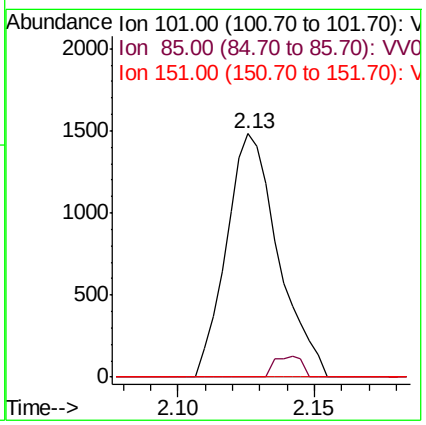


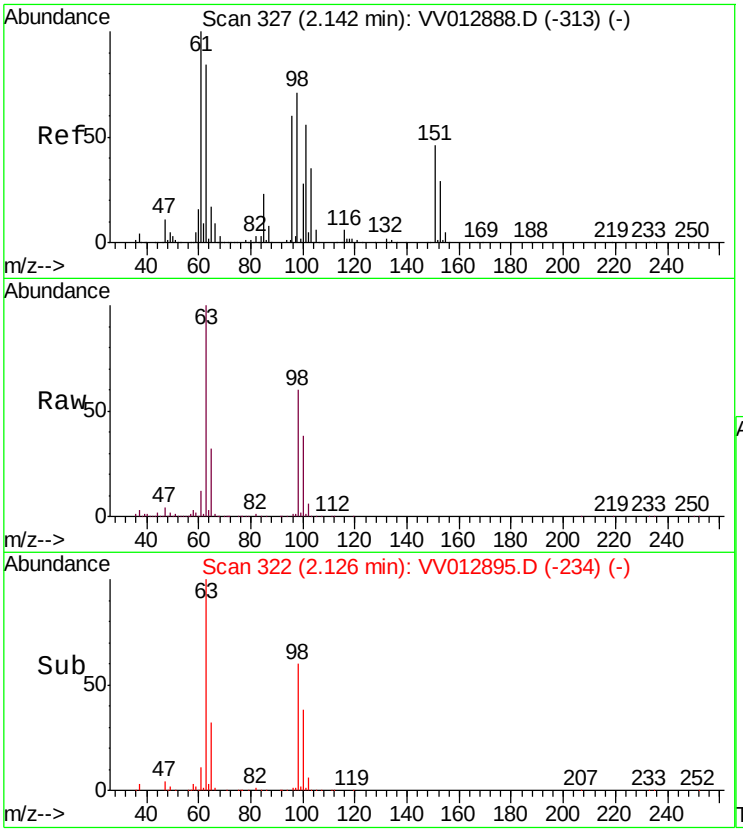


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.080 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion:101 Resp: 1954

Ion	Ratio	Lower	Upper
101	100		
85	4.6	33.5	50.3#
151	0.0	64.0	96.0#



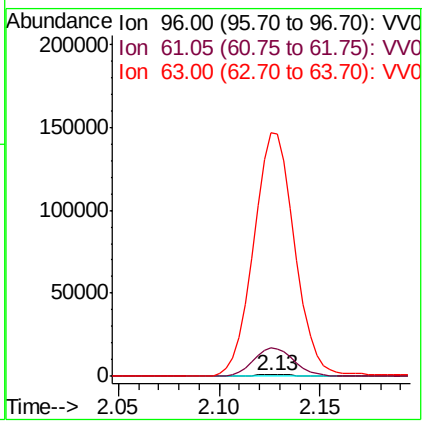


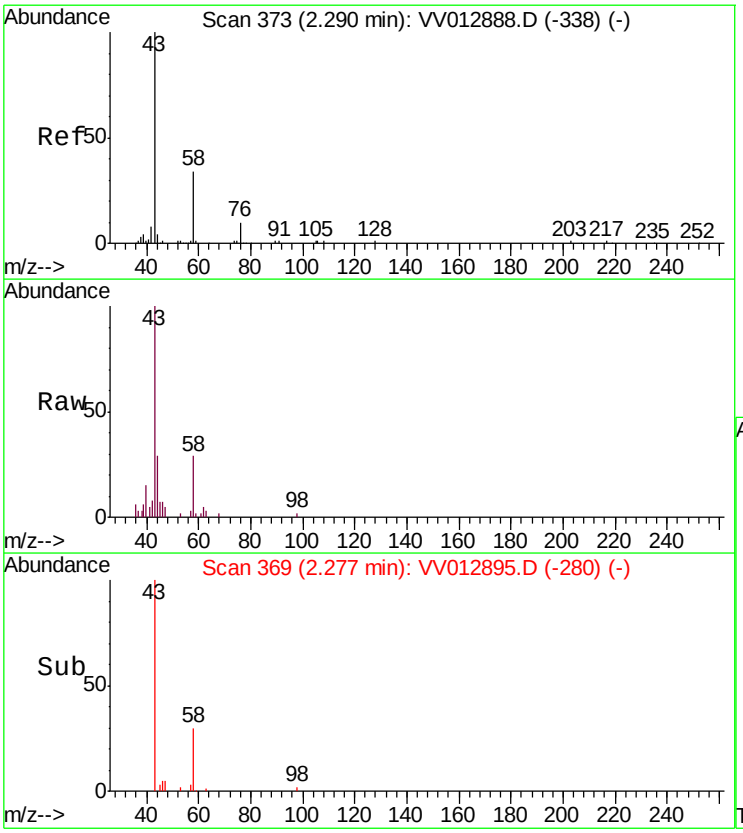
#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.02 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion: 96 Resp: 1808

Ion	Ratio	Lower	Upper
96	100		
61	1831.8	116.1	215.5#
63	15725.3	113.3	210.3#

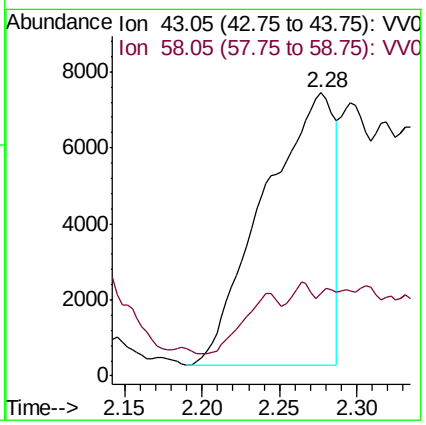


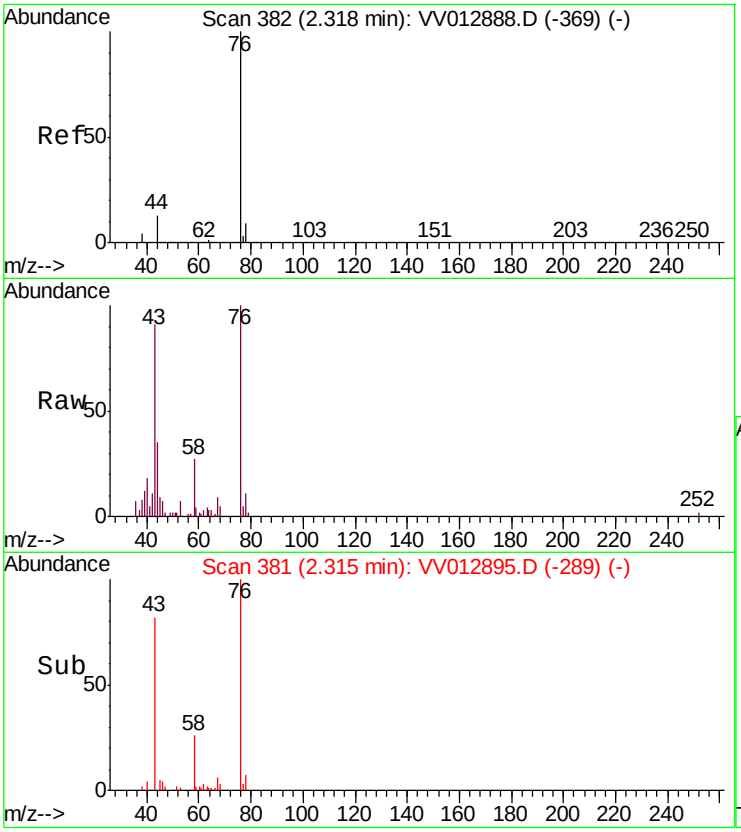


#13
Acetone
Concen: 4.991 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion: 43 Resp: 22763

Ion	Ratio	Lower	Upper
43	100		
58	2.4	0.0	24.4



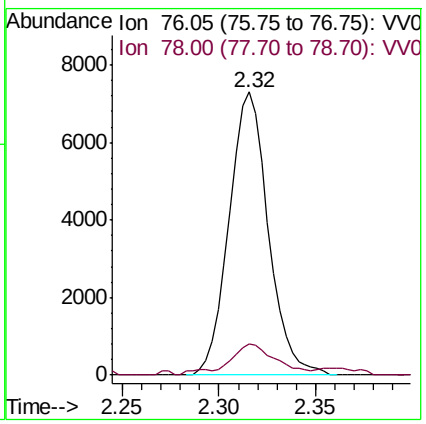


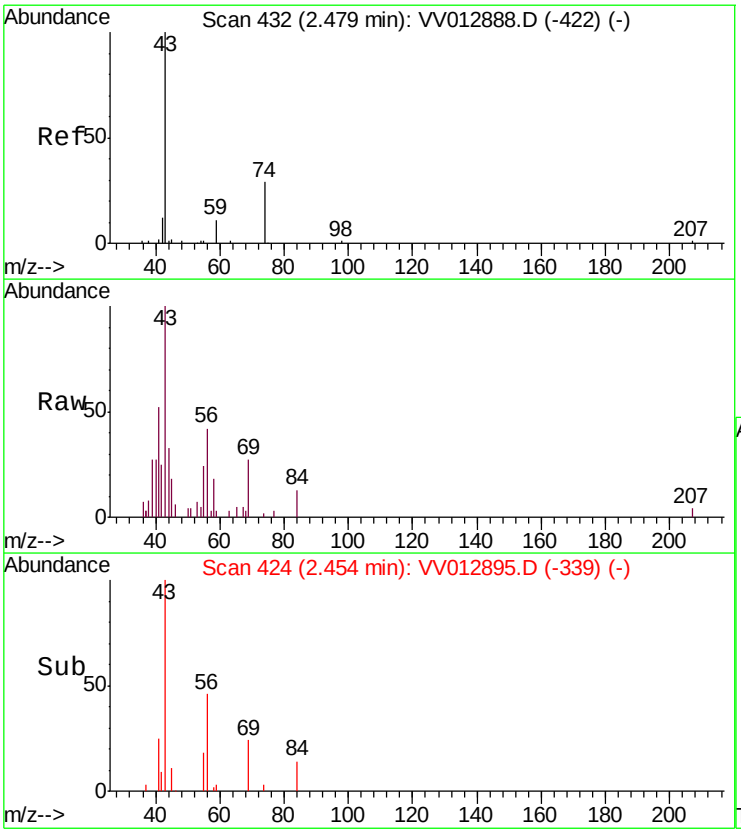
#14
Carbon disulfide
Concen: 0.225 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion: 76 Resp: 10294

Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.6	11.4

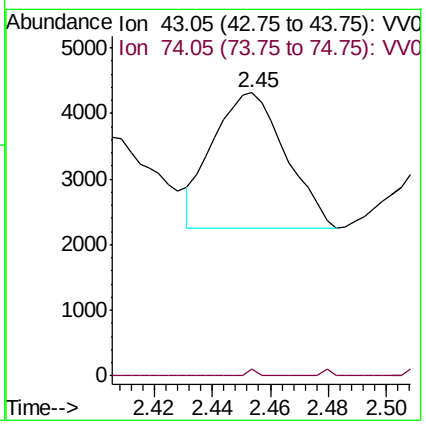


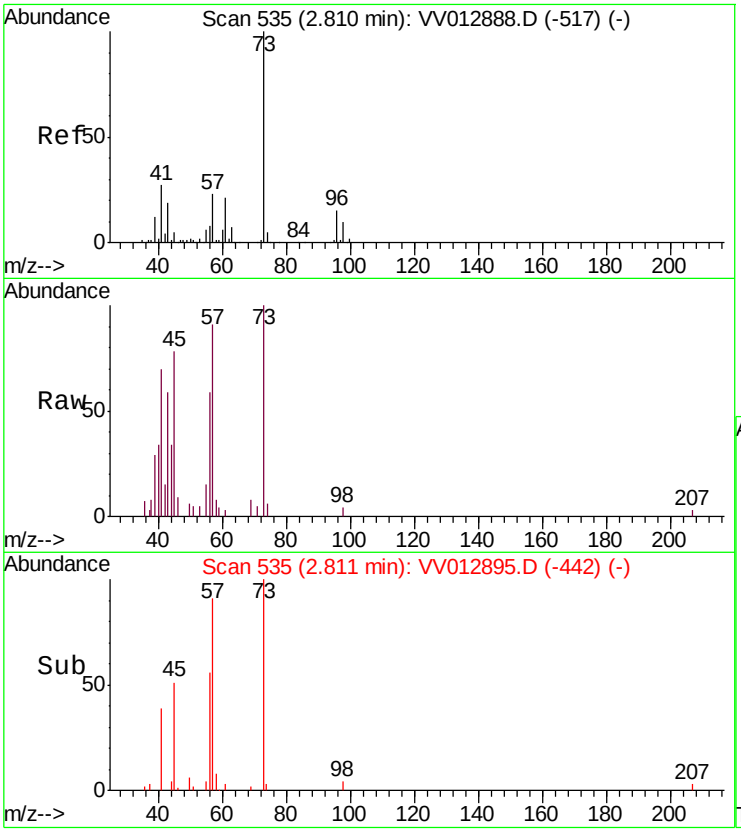


#15
Methyl Acetate
Concen: 0.301 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.03 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion: 43 Resp: 3592

Ion	Ratio	Lower	Upper
43	100		
74	0.6	14.1	21.1#



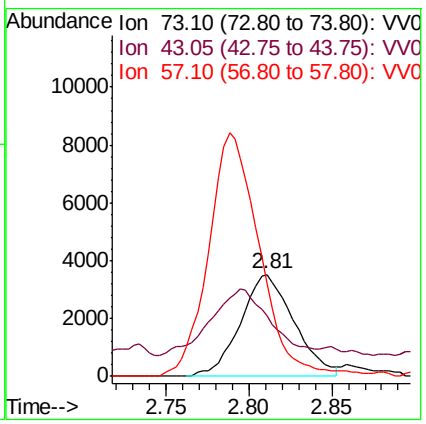


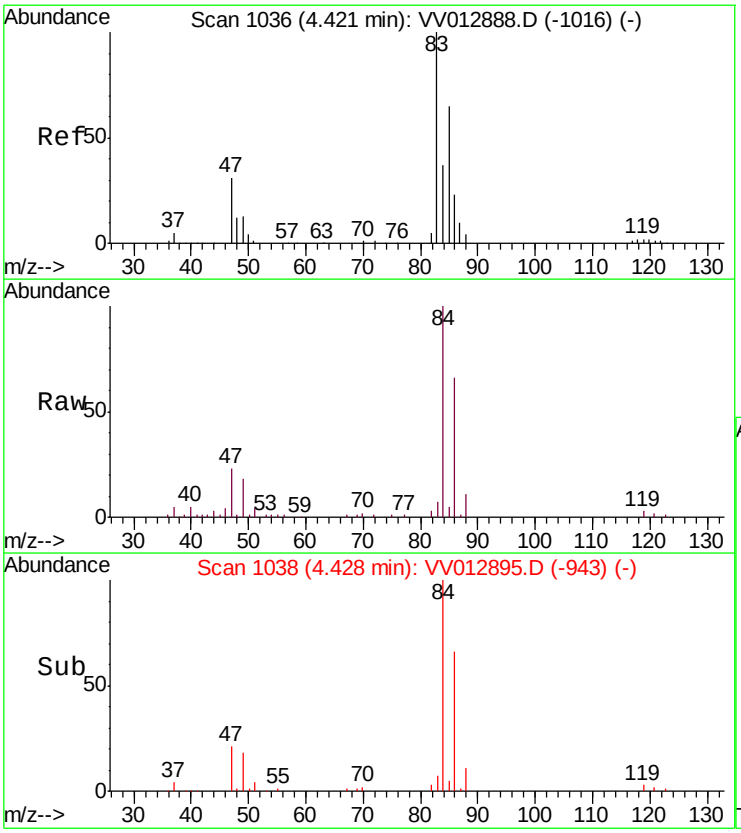
#17
Methyl tert-butyl Ether
Concen: 0.125 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion: 73 Resp: 7908

Ion	Ratio	Lower	Upper
73	100		
43	71.9	15.0	22.4#
57	227.6	17.9	26.9#

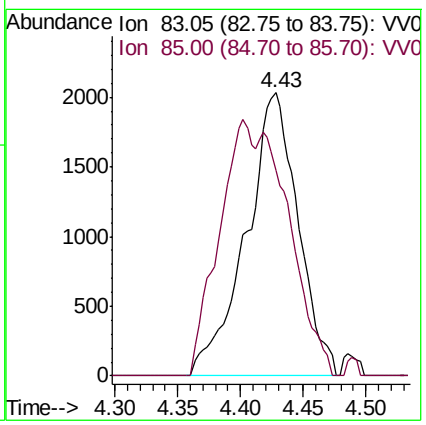


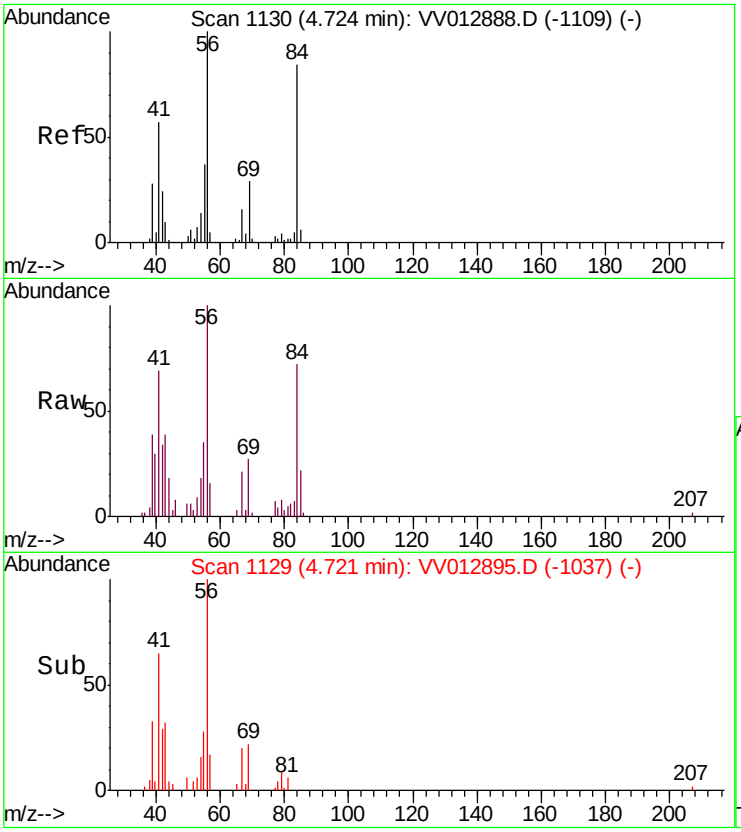


#25
Chloroform
Concen: 0.101 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion: 83 Resp: 5836

Ion	Ratio	Lower	Upper
83	100		
85	72.6	44.4	82.5



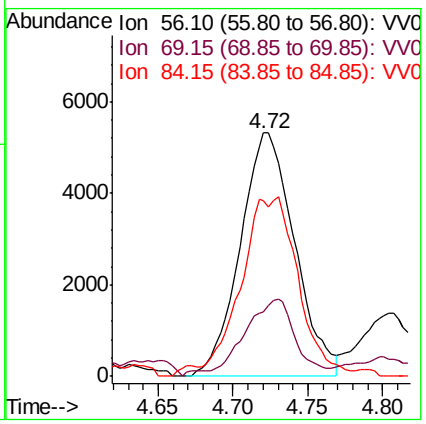


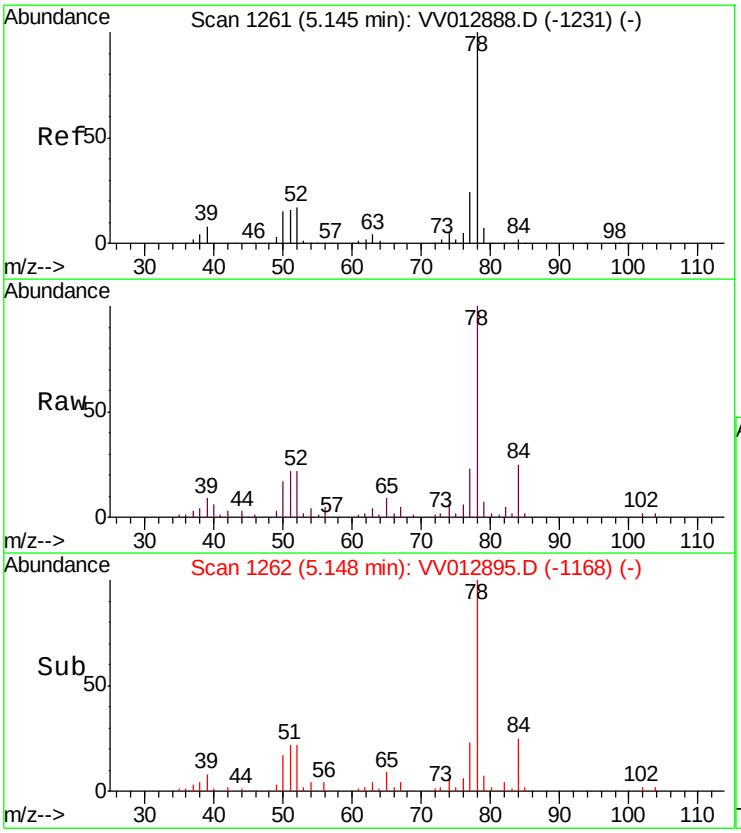
#30
Cyclohexane
Concen: 0.387 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument : MSVOA_V
ClientSampleId : ETOH3

Tgt Ion: 56 Resp: 13473

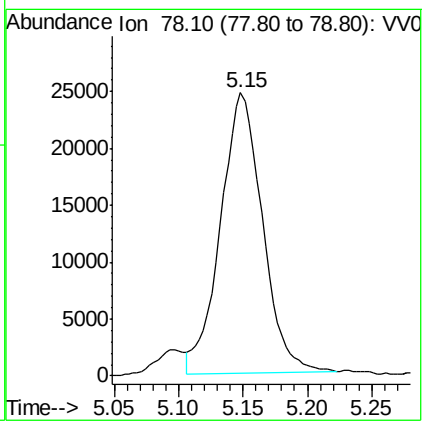
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.4	36.6
84	35.3	69.3	103.9#

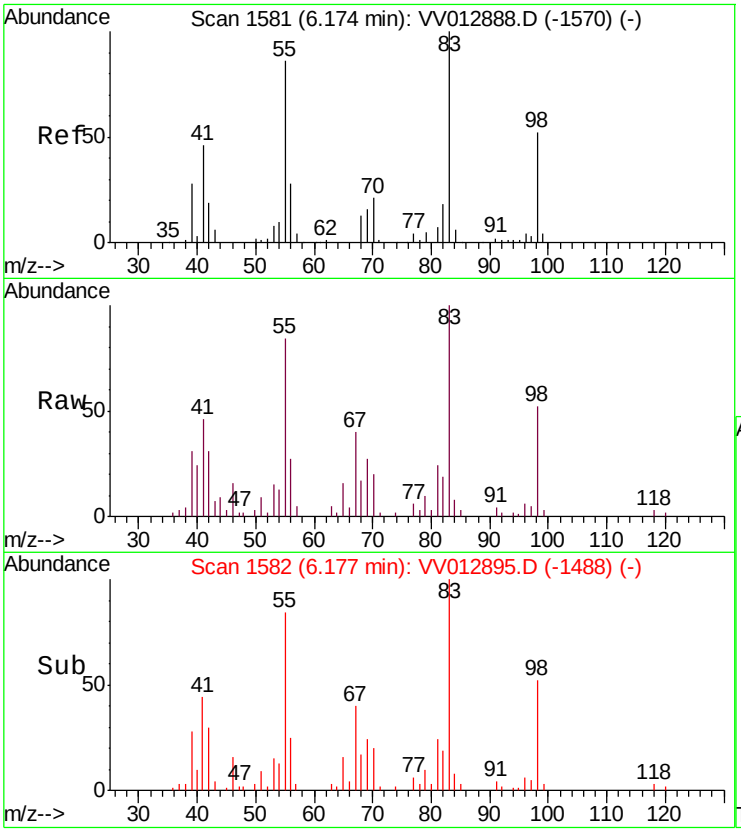




#33
Benzene
Concen: 0.536 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion: 78 Resp: 55914



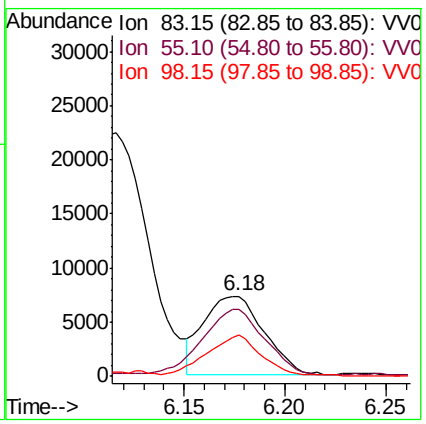


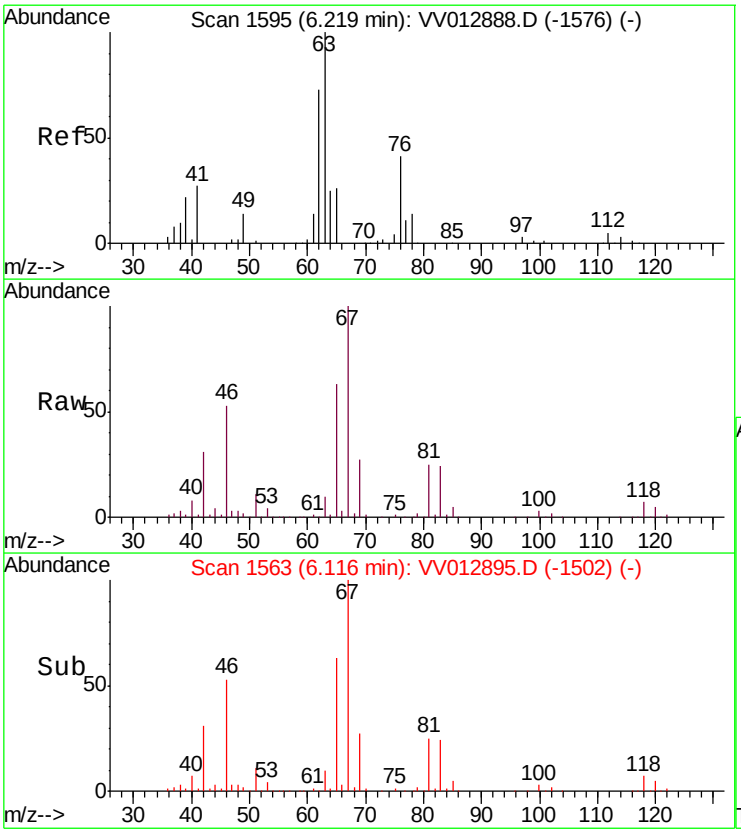
#35
Methylcyclohexane
Concen: 0.420 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion: 83 Resp: 15160

Ion	Ratio	Lower	Upper
83	100		
55	92.5	63.8	95.6
98	48.2	38.2	57.4

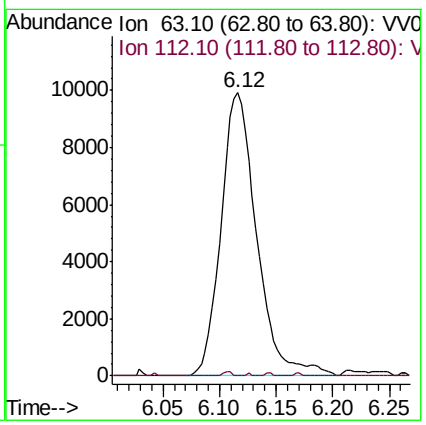


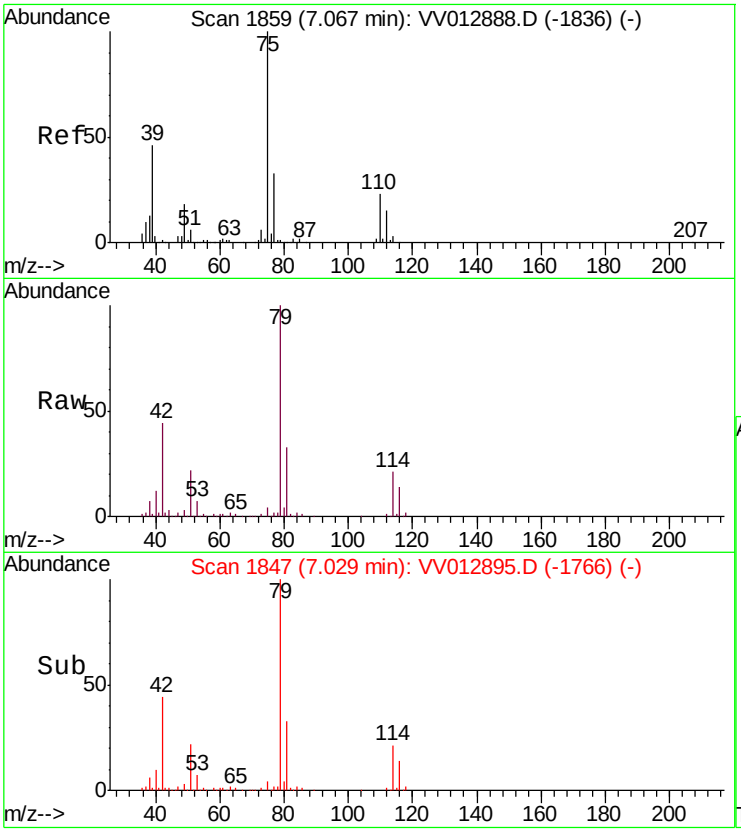


#37
1,2-Dichloropropane
Concen: 0.764 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion: 63 Resp: 21740

Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.8	5.6#



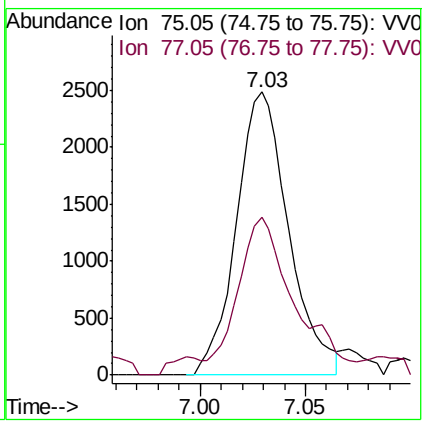


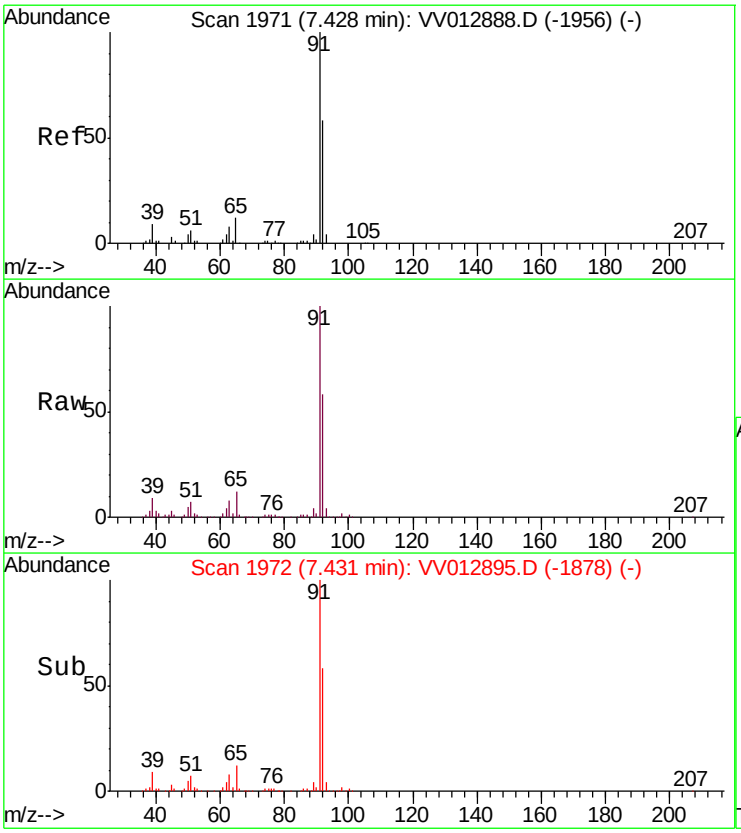
#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion: 75 Resp: 4294

Ion	Ratio	Lower	Upper
75	100		
77	55.6	21.6	40.0#

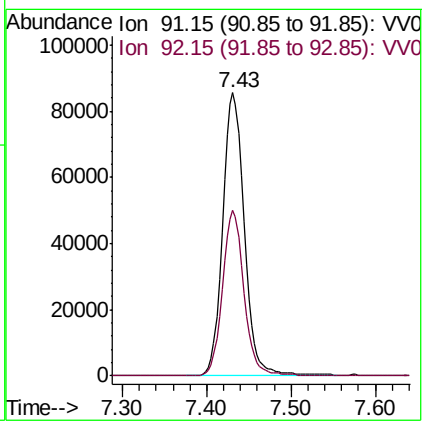


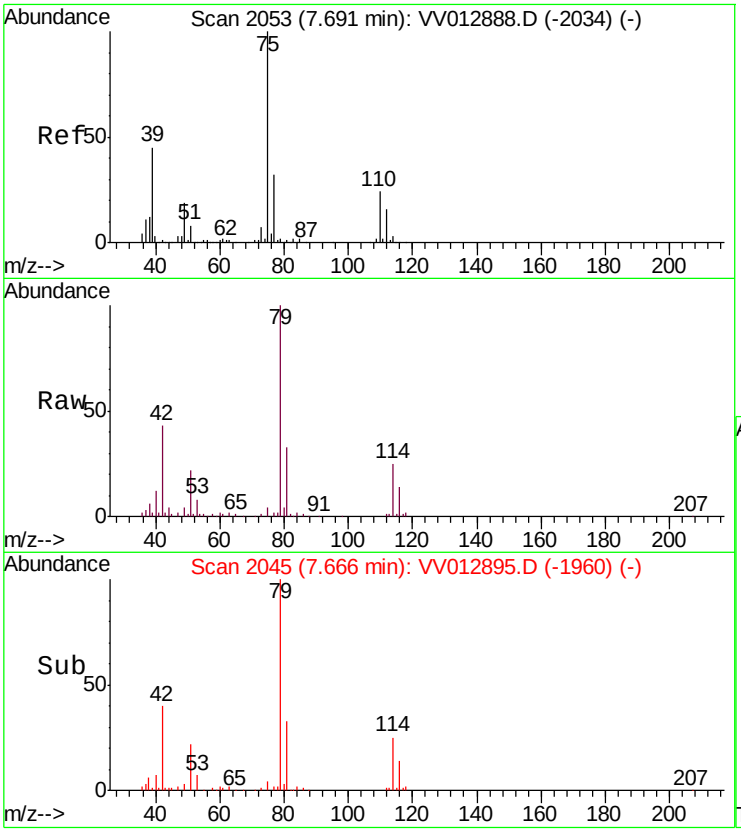


#42
Toluene
Concen: 1.407 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion: 91 Resp: 152893

Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.8	75.8



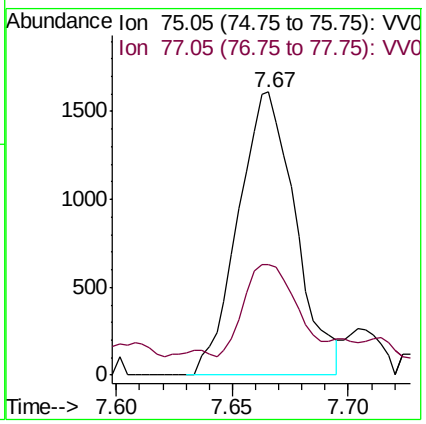


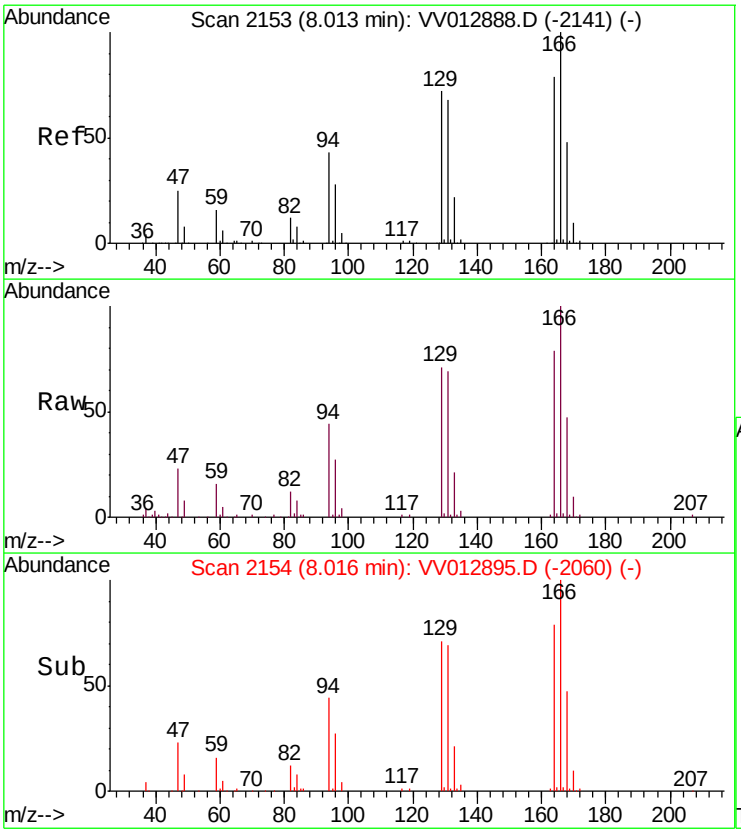
#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion: 75 Resp: 2771

Ion	Ratio	Lower	Upper
75	100		
77	39.2	22.5	41.7

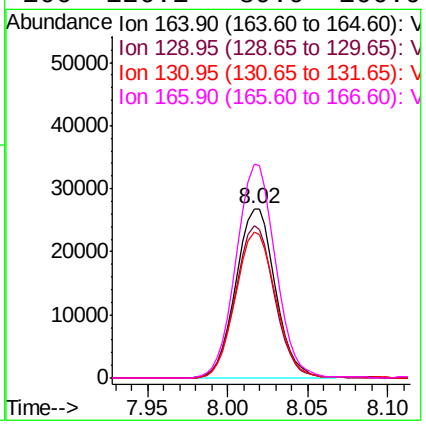


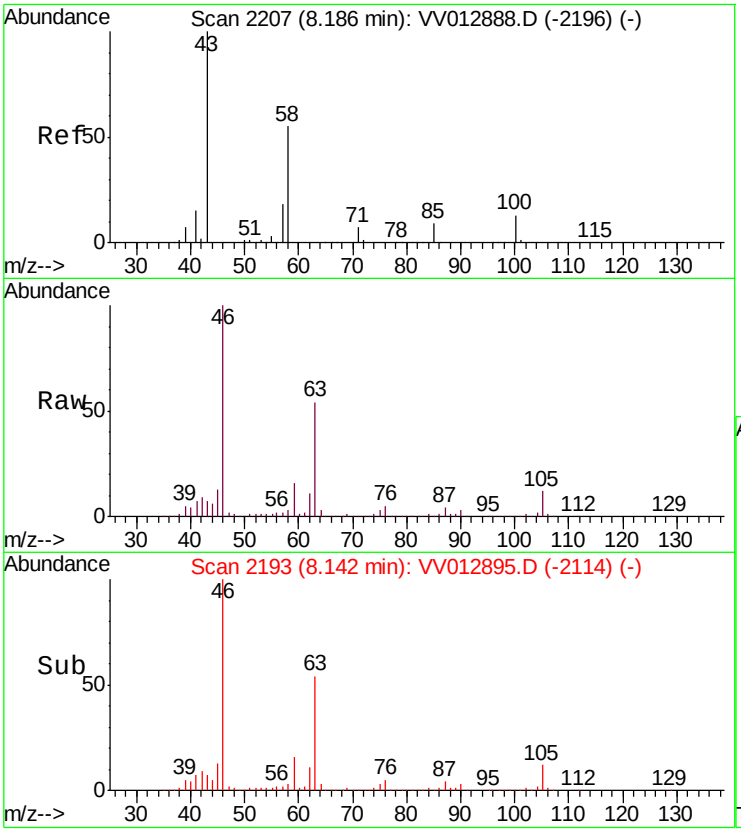


#47
Tetrachloroethene
Concen: 2.088 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion:164 Resp: 45115

Ion	Ratio	Lower	Upper
164	100		
129	89.6	63.8	118.6
131	86.5	63.1	117.3
166	126.1	89.9	166.9



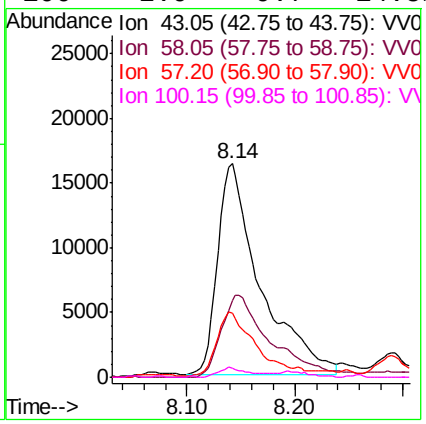


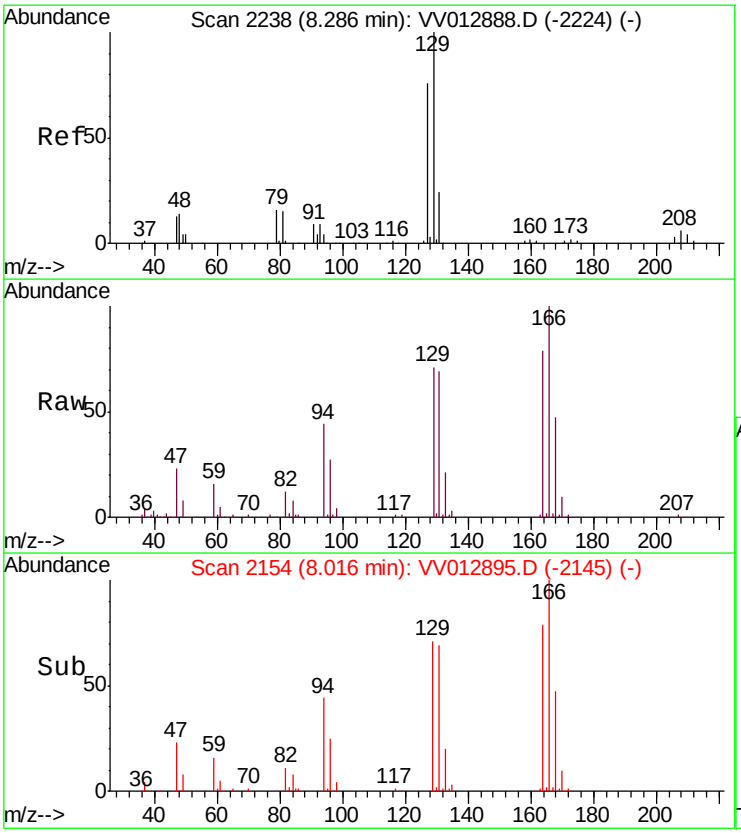
#48
2-Hexanone
Concen: 3.416 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.04 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion: 43 Resp: 45203

Ion	Ratio	Lower	Upper
43	100		
58	45.1	44.5	66.7
57	27.2	15.0	22.6#
100	2.9	9.7	14.5#

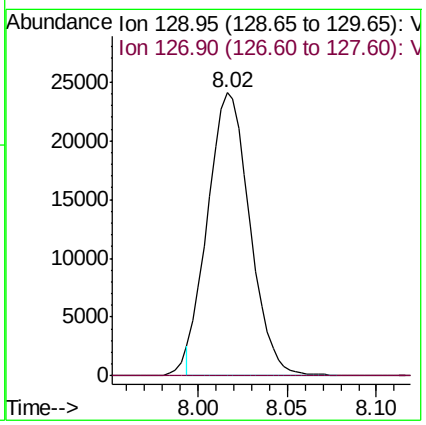


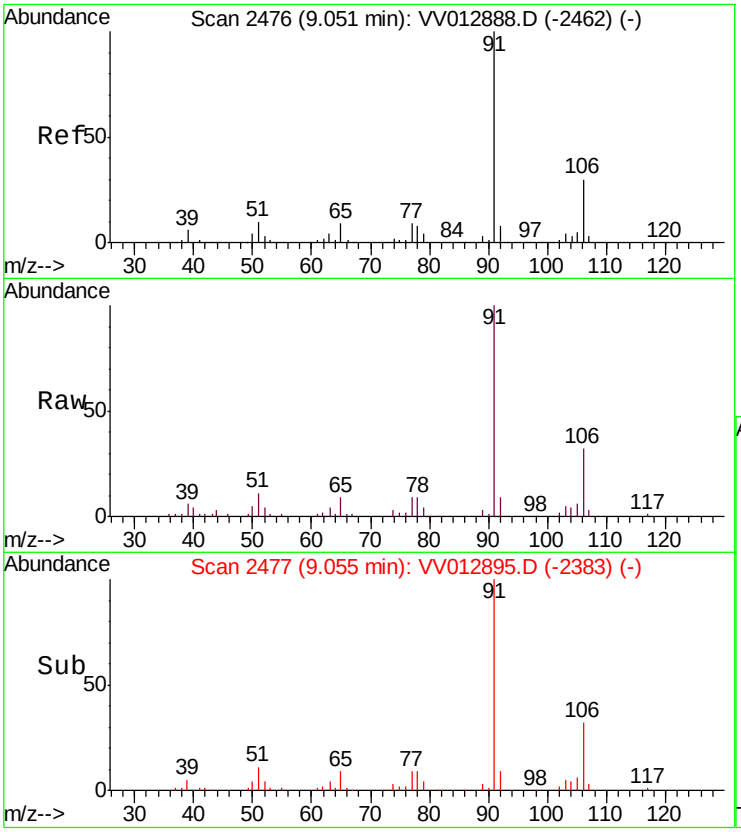


#49
Dibromochloromethane
Concen: 1.624 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion:129 Resp: 39400

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#



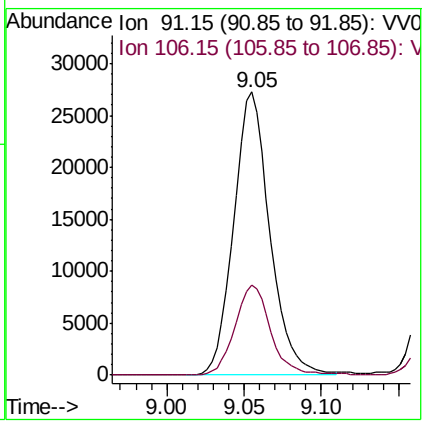


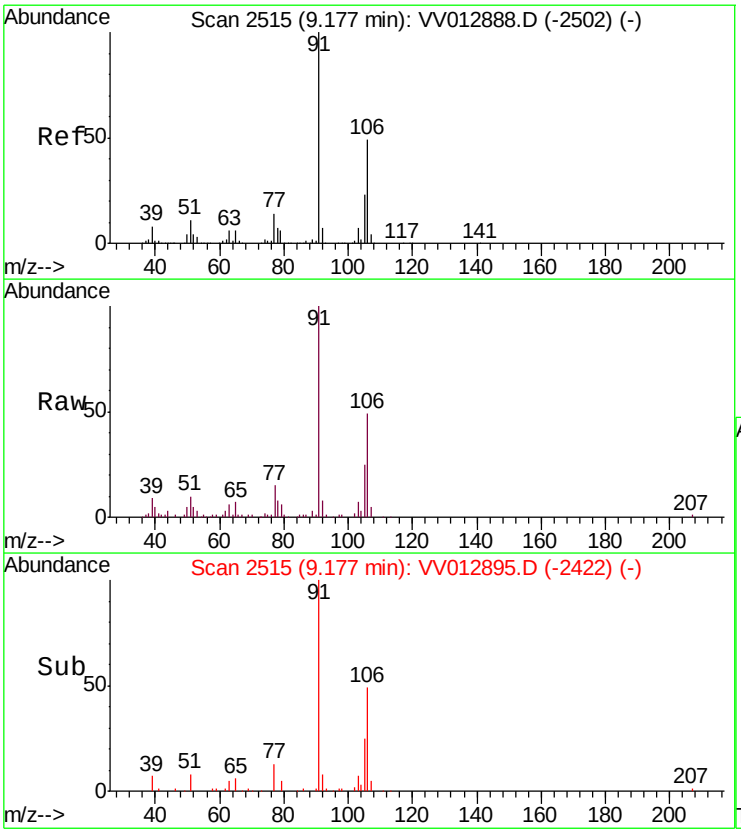
#52
Ethylbenzene
Concen: 0.380 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument : MSVOA_V
ClientSampleId : ETOH3

Tgt Ion: 91 Resp: 44239

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.7	40.3

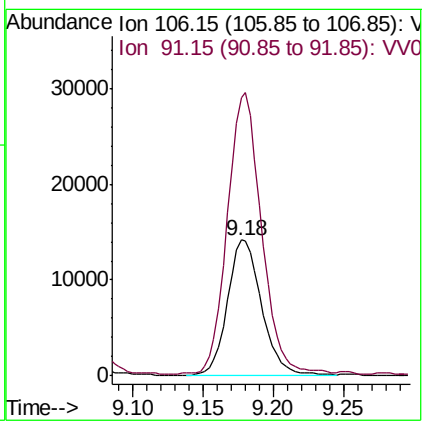


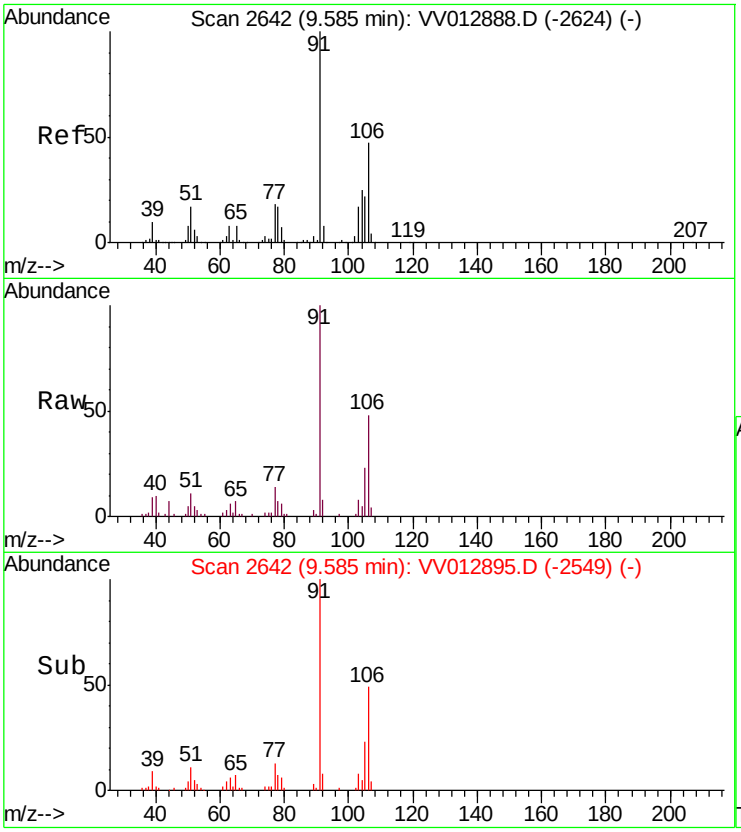


#53
m,p-xylene
Concen: 0.565 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion:106 Resp: 24272

Ion	Ratio	Lower	Upper
106	100		
91	204.8	139.6	259.2





#54
o-xylene
Concen: 0.243 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion:106 Resp: 10269

Ion	Ratio	Lower	Upper
106	100		
91	206.8	147.4	273.8