Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

Quantitation Report (Not Reviewed)

Data File : VV010420.D
Acq On : 22 Apr 2019 18:30
Operator : SY/MD
Sample : K2456-02
Misc : 5.01G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHQ2

Quant Time: Apr 23 07:00:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	1325	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	360	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	203	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	557	30.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 122.04%			
7) Chloroethane-d5	1.59	69	616	43.38	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 173.52%#			
10) 1,1-Dichloroethene-d2	2.14	63	1086	31.86	ug/L	0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 127.44%#			
20) 2-Butanone-d5	3.96	46	44	10.31	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 20.62%			
24) Chloroform-d	4.41	84	913	28.20	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.80%			
26) 1,2-Dichloroethane-d4	5.08	65	306	15.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 61.60%#			
29) Benzene-d6	5.11	84	631	37.96	ug/L	0.02
Spiked Amount 25.000	Range 20 - 135		Recovery = 151.84%#			
33) 1,2-Dichloropropane-d6	6.12	67	539	109.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 439.80%#			
37) Toluene-d8	7.37	98	395	23.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.28%			
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount 25.000	Range 30 - 135		Recovery = 0.00%#			
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.00%#			
48) 1,1,2,2-Tetrachloroethane-	10.27	84	337	70.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 282.20%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	102	13.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 52.88%#			

Target Compounds						Qvalue
3) Chloromethane	1.26	50	110	6.560	ug/L #	43
6) Bromomethane	1.54	94	91	8.811	ug/L	32
8) Chloroethane	1.57	64	66	5.925	ug/L #	43
12) 1,1-Dichloroethene	2.36	96	45	2.697	ug/L #	1
13) Acetone	2.17	43	43	9.399	ug/L #	41
15) Methyl Acetate	2.24	43	55	8.077	ug/L #	51
16) Methylene chloride	2.54	84	185	9.521	ug/L	84
21) 2-Butanone	4.22	43	41	8.409	ug/L #	51
22) cis-1,2-Dichloroethene	3.84	96	55	3.306	ug/L #	1
43) 4-Methyl-2-pentanone	7.56	43	44	15.129	ug/L #	1
44) Toluene	7.44	91	98	5.096	ug/L	78
49) 2-Hexanone	8.13	43	42	20.341	ug/L #	42
53) Ethylbenzene	9.06	91	143	6.360	ug/L #	42
54) m,p-Xylene	9.18	106	75	8.509	ug/L #	47
55) o-xylene	9.59	106	234	26.653	ug/L	69
56) Styrene	9.62	104	131	9.044	ug/L #	29
59) 1,2,3-Trichloropropane	11.03	75	158	46.866	ug/L #	39

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

Quantitation Report (Not Reviewed)

Data File : VV010420.D
Acq On : 22 Apr 2019 18:30
Operator : SY/MD
Sample : K2456-02
Misc : 5.01G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHQ2

Quant Time: Apr 23 07:00:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Naphthalene	13.55	128	127528	11087.360	ug/L	99

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

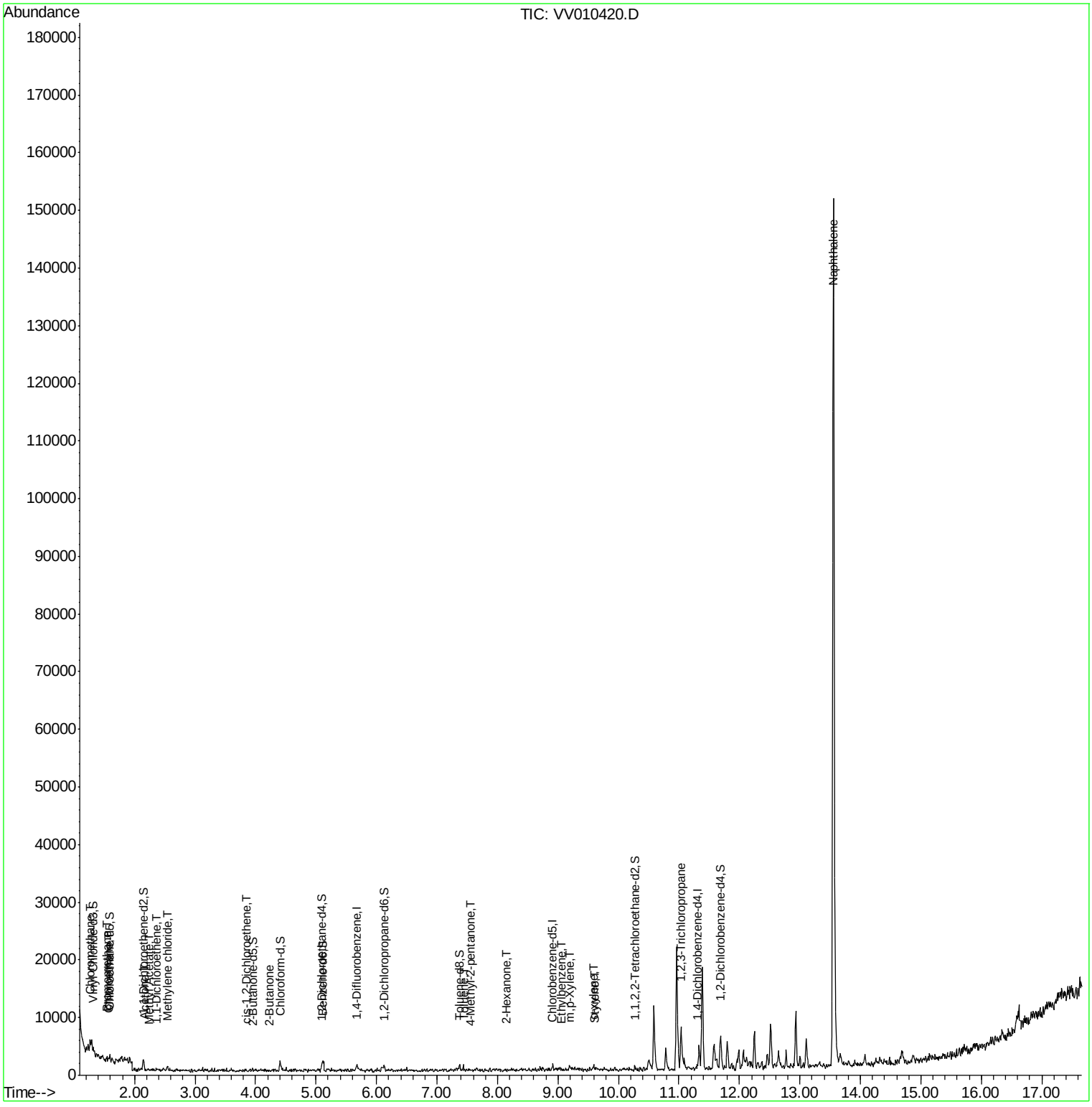
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\

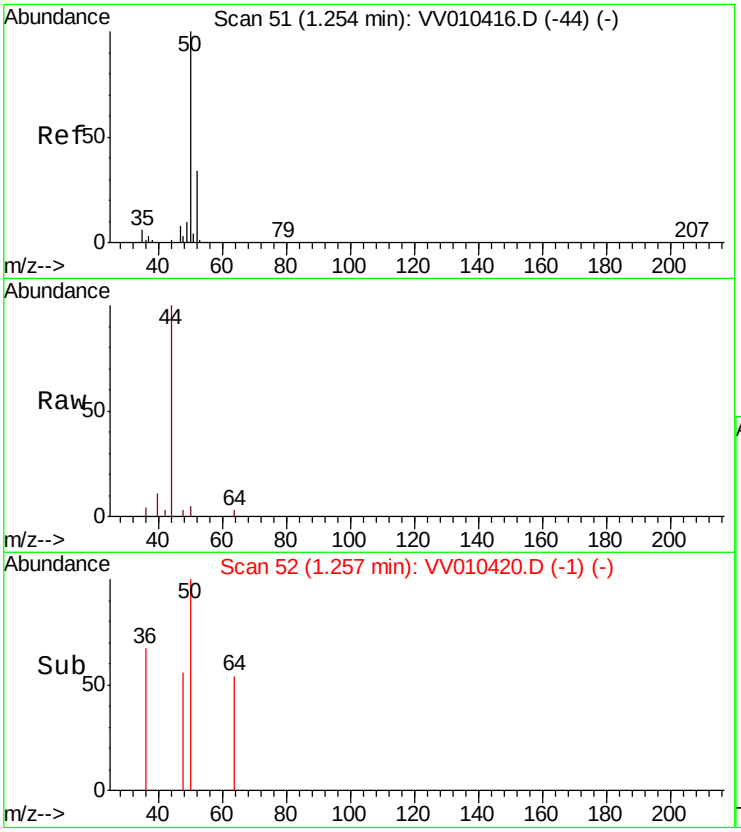
Quantitation Report (Not Reviewed)

Data File : VV010420.D
Acq On : 22 Apr 2019 18:30
Operator : SY/MD
Sample : K2456-02
Misc : 5.01G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHQ2

Quant Time: Apr 23 07:00:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 06:57:14 2019
Response via : Initial Calibration



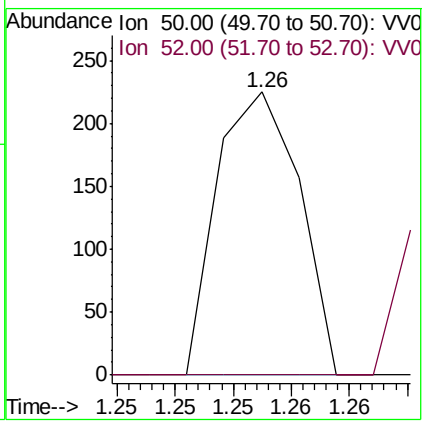


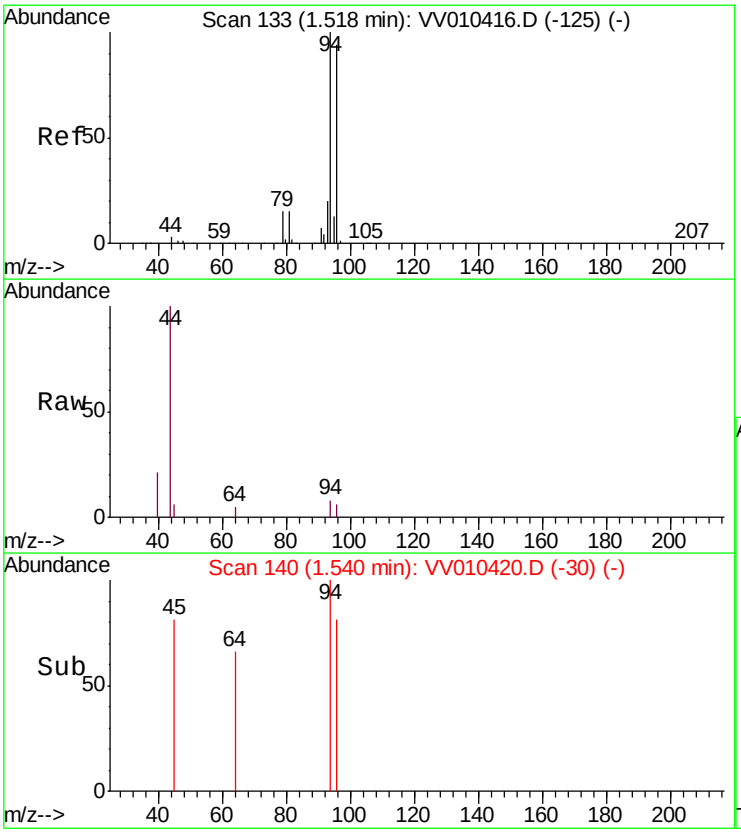
#3
Chloromethane
Concen: 6.560 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.00 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Instrument :
MSVOA_V
ClientSampleId :
GAHQ2

Tgt Ion: 50 Resp: 110

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.3	41.5#

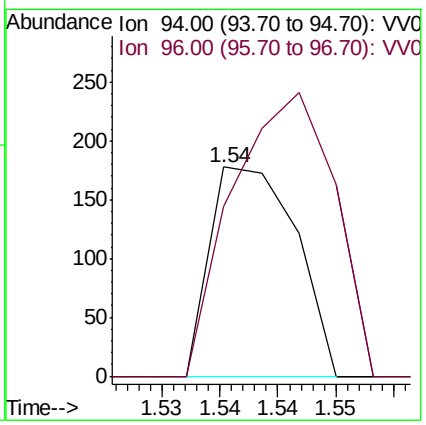


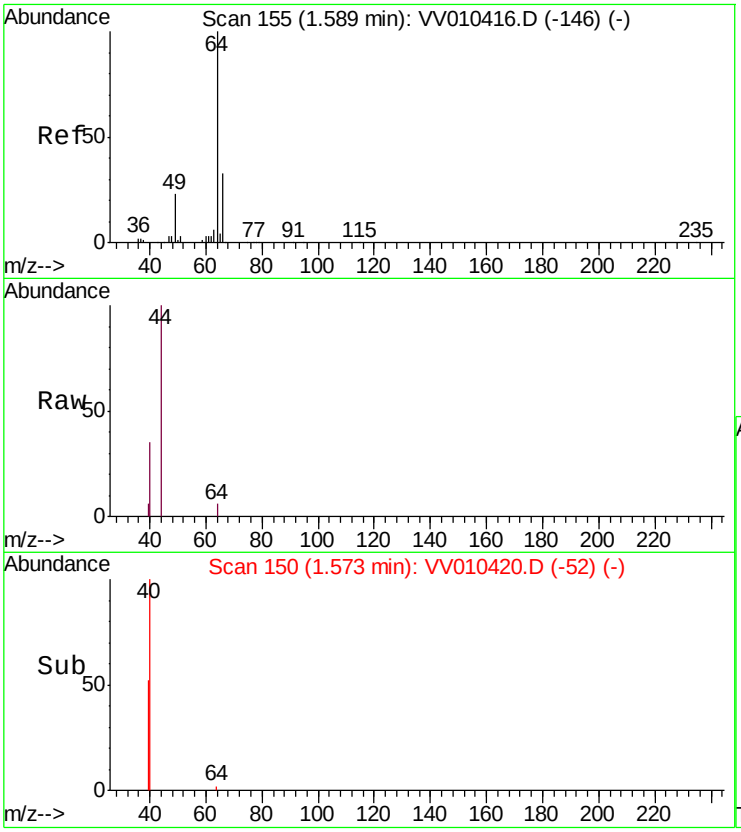


#6
Bromomethane
Concen: 8.811 ug/L
RT: 1.54 min Scan# 140
Delta R.T. 0.02 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Tgt Ion: 94 Resp: 91

Ion	Ratio	Lower	Upper
94	100		
96	160.4	9.5	180.3



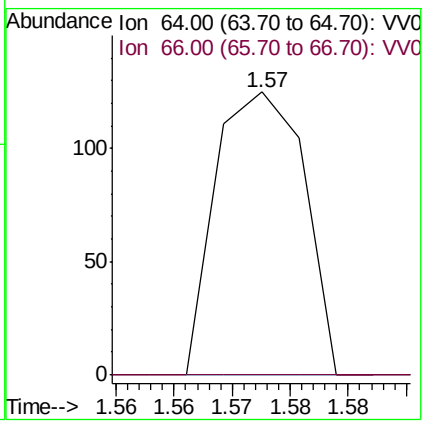


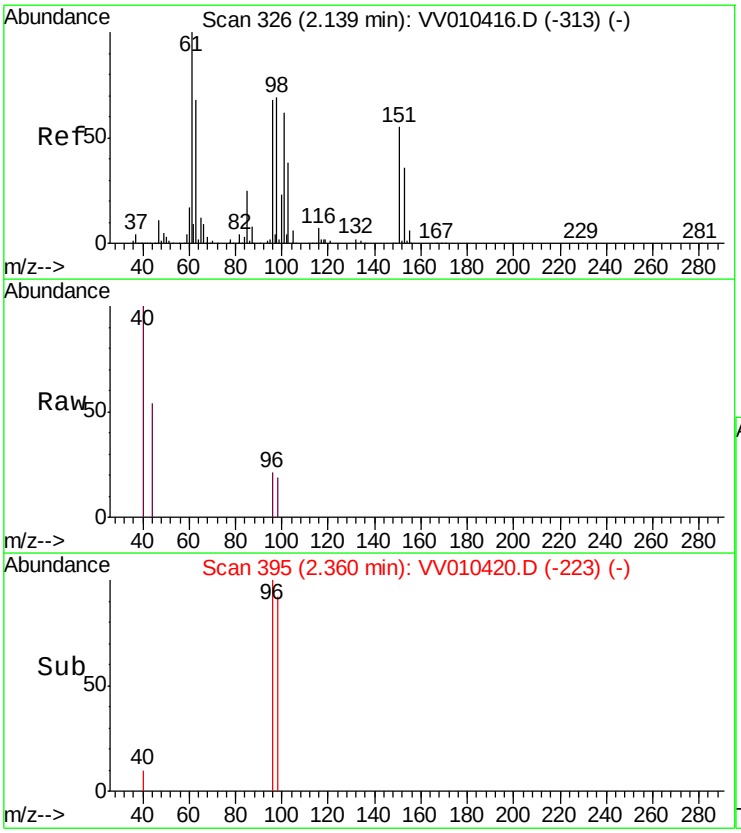
#8
Chloroethane
Concen: 5.925 ug/L
RT: 1.57 min Scan# 150
Delta R.T. -0.02 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Instrument :
MSVOA_V
ClientSampleId :
GAHQ2

Tgt Ion: 64 Resp: 66

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	41.7#

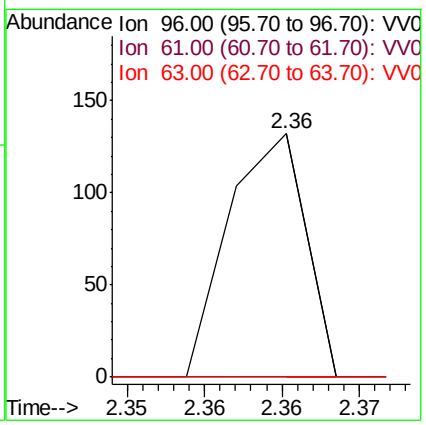


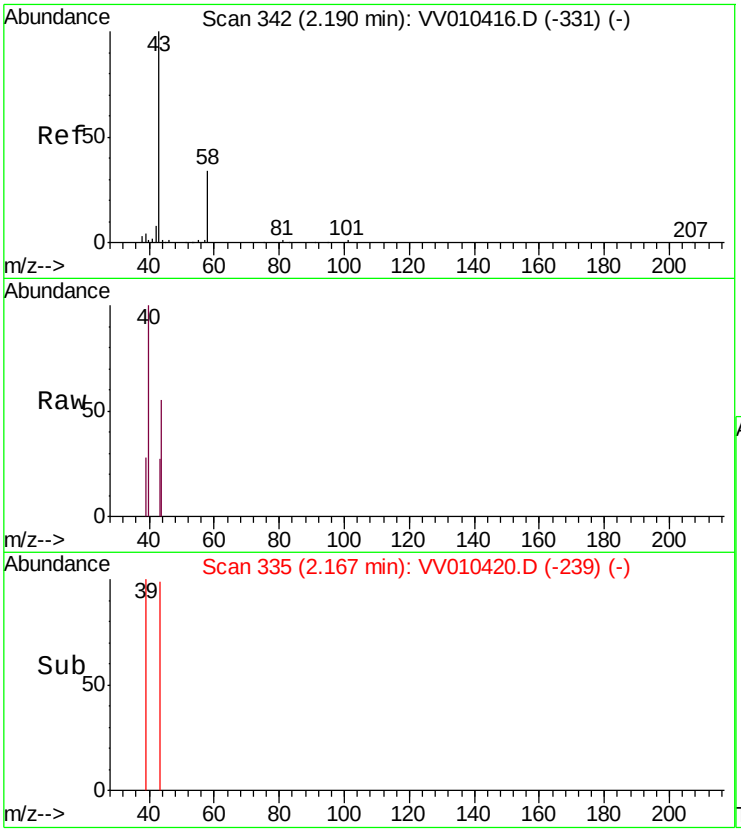


#12
1,1-Dichloroethene
Concen: 2.697 ug/L
RT: 2.36 min Scan# 395
Delta R.T. 0.22 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Tgt Ion: 96 Resp: 45

Ion	Ratio	Lower	Upper
96	100		
61	0.0	105.3	195.5#
63	0.0	87.8	163.2#



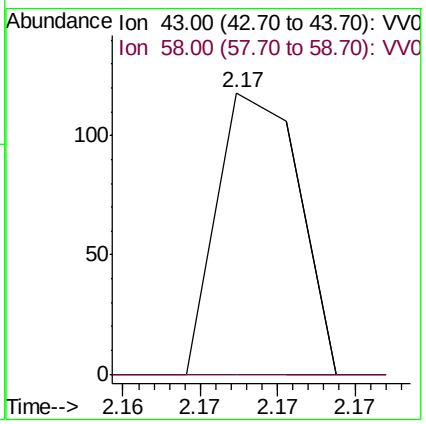


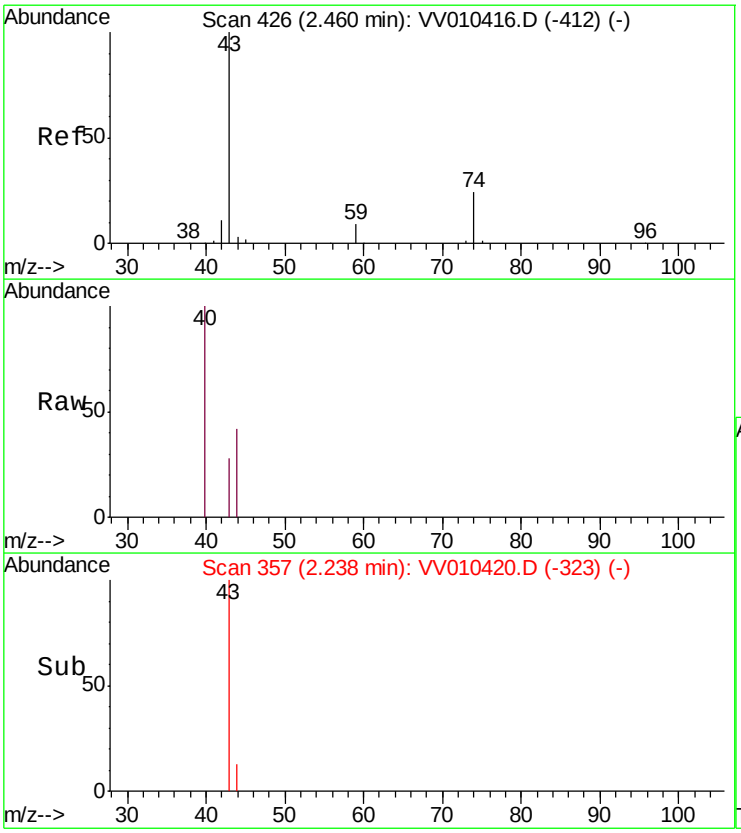
#13
Acetone
Concen: 9.399 ug/L
RT: 2.17 min Scan# 335
Delta R.T. -0.02 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Instrument :
MSVOA_V
ClientSampleId :
GAHQ2

Tgt Ion: 43 Resp: 43

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	66.4

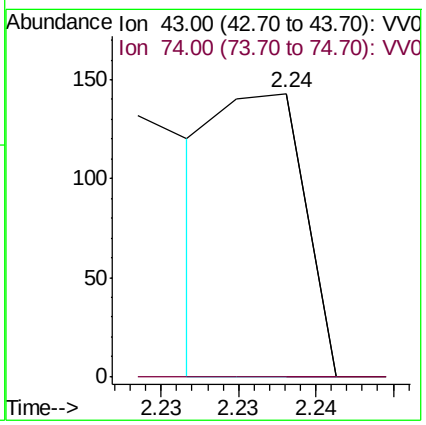


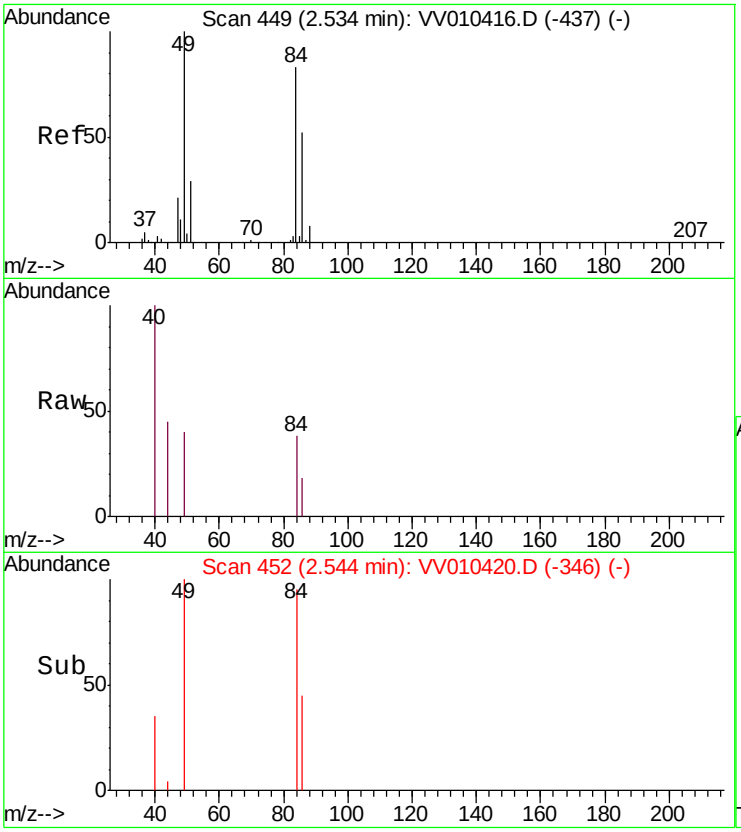


#15
Methyl Acetate
Concen: 8.077 ug/L
RT: 2.24 min Scan# 357
Delta R.T. -0.22 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Tgt Ion: 43 Resp: 55

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.8	29.6#



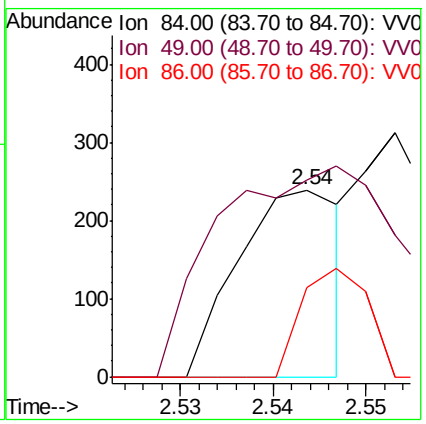


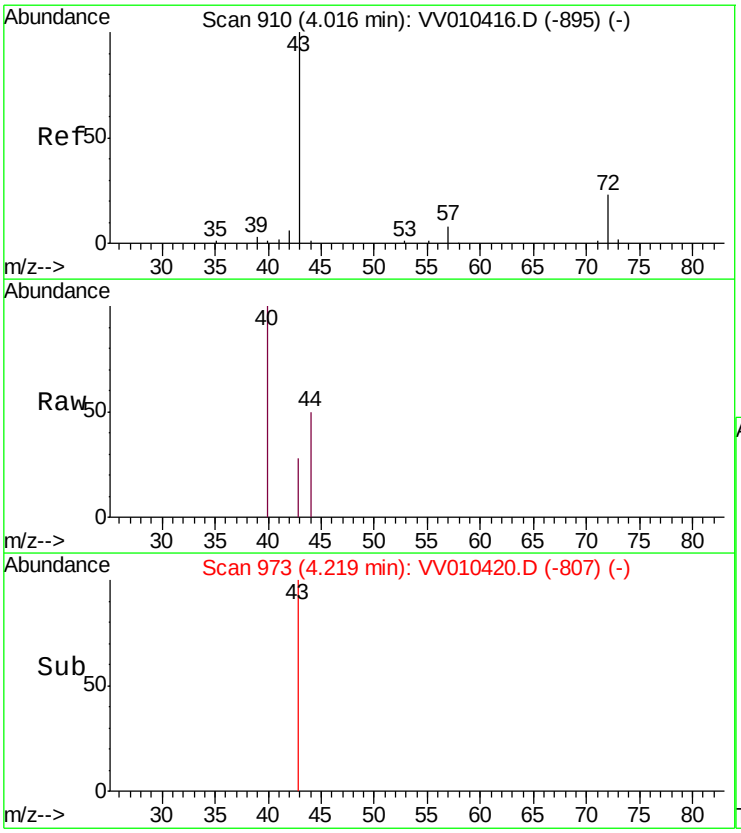
#16
Methylene chloride
Concen: 9.521 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.01 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Instrument :
MSVOA_V
ClientSampleId :
GAHQ2

Tgt Ion: 84 Resp: 185

Ion	Ratio	Lower	Upper
84	100		
49	105.0	85.0	158.0
86	47.7	43.9	81.5

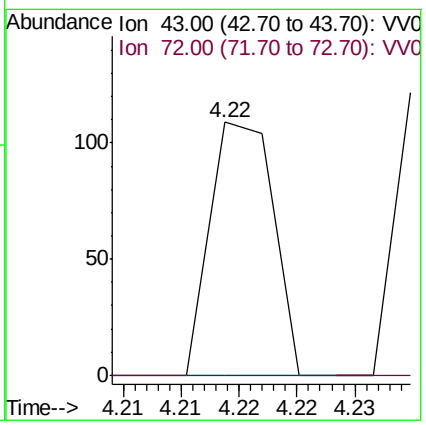


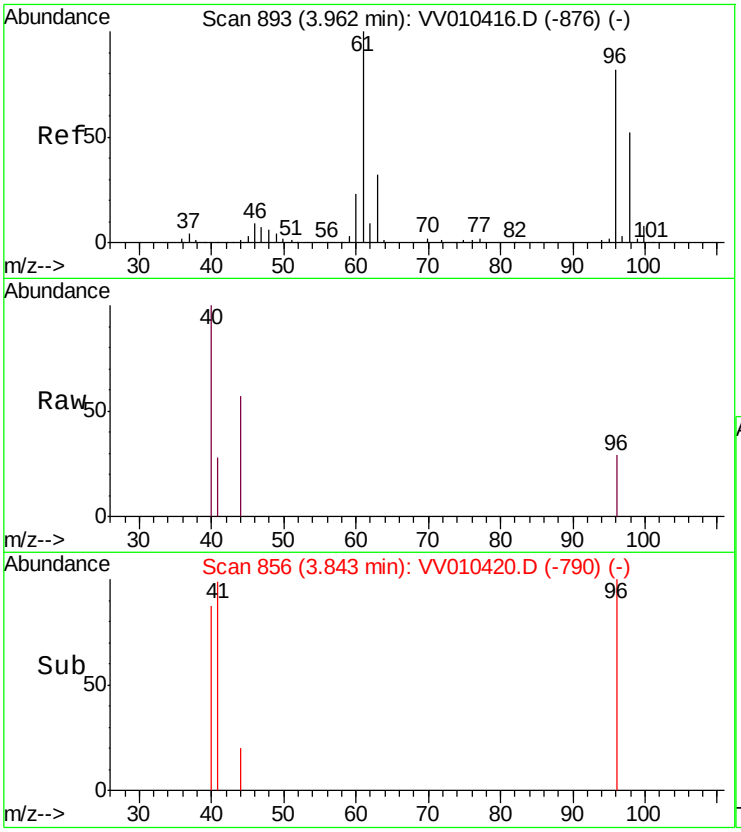


#21
2-Butanone
Concen: 8.409 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.20 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Tgt Ion: 43 Resp: 41

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.2	36.4#



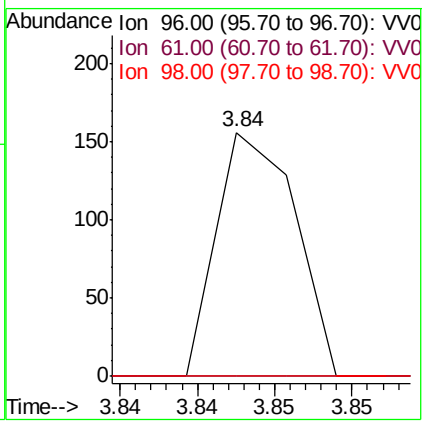


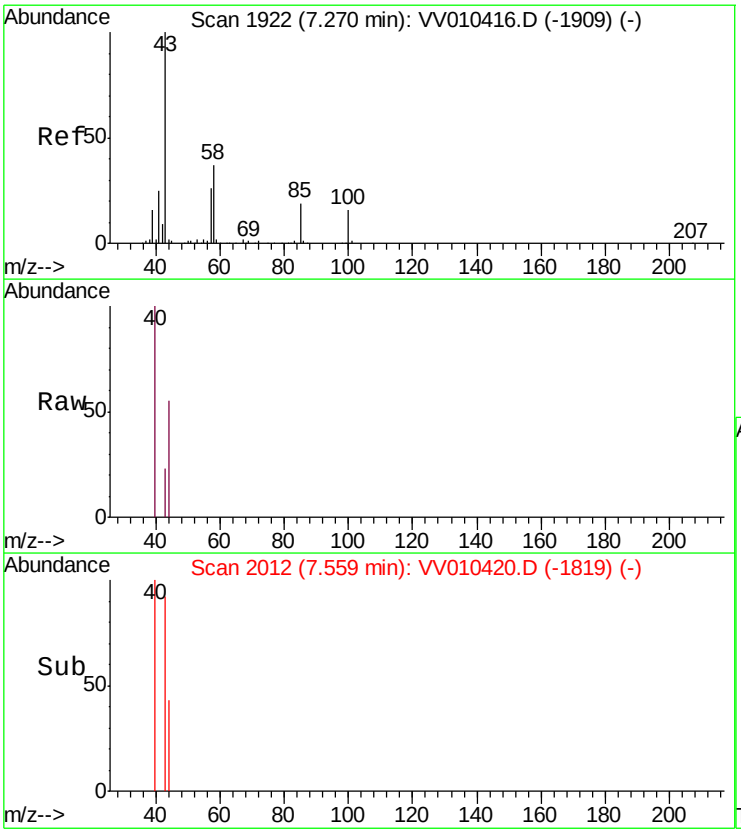
#22
cis-1,2-Dichloroethene
Concen: 3.306 ug/L
RT: 3.84 min Scan# 856
Delta R.T. -0.12 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Instrument :
MSVOA_V
ClientSampleId :
GAHQ2

Tgt Ion: 96 Resp: 55

Ion	Ratio	Lower	Upper
96	100		
61	0.0	86.7	161.1#
98	0.0	43.5	80.7#

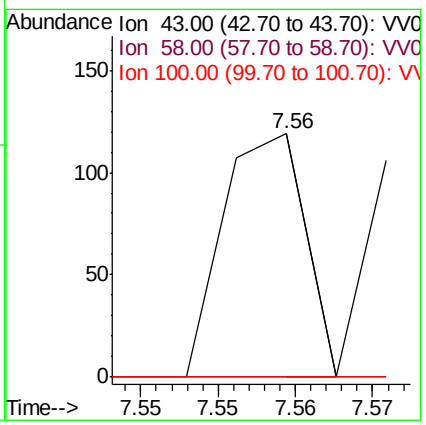


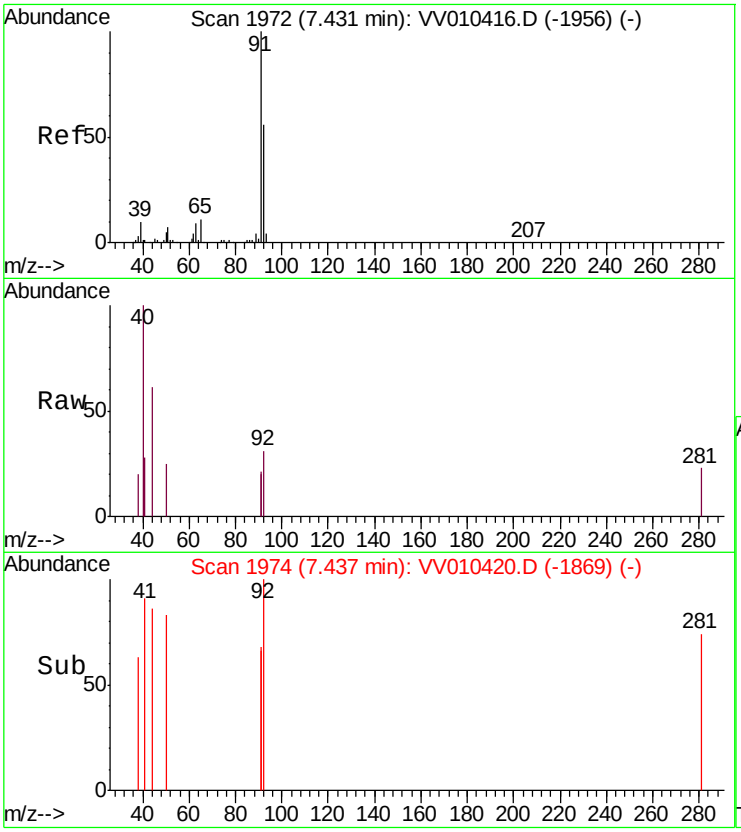


#43
4-Methyl-2-pentanone
Concen: 15.129 ug/L
RT: 7.56 min Scan# 2012
Delta R.T. 0.29 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Tgt Ion: 43 Resp: 44

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.2	45.2#
100	154.5	12.9	19.3#



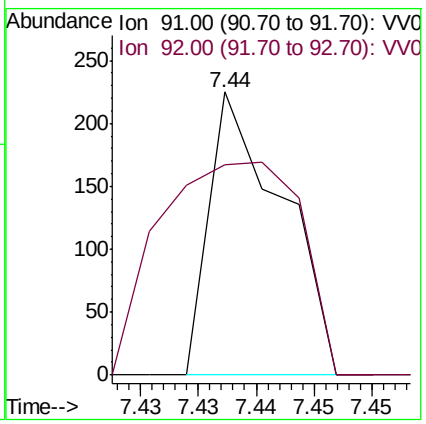


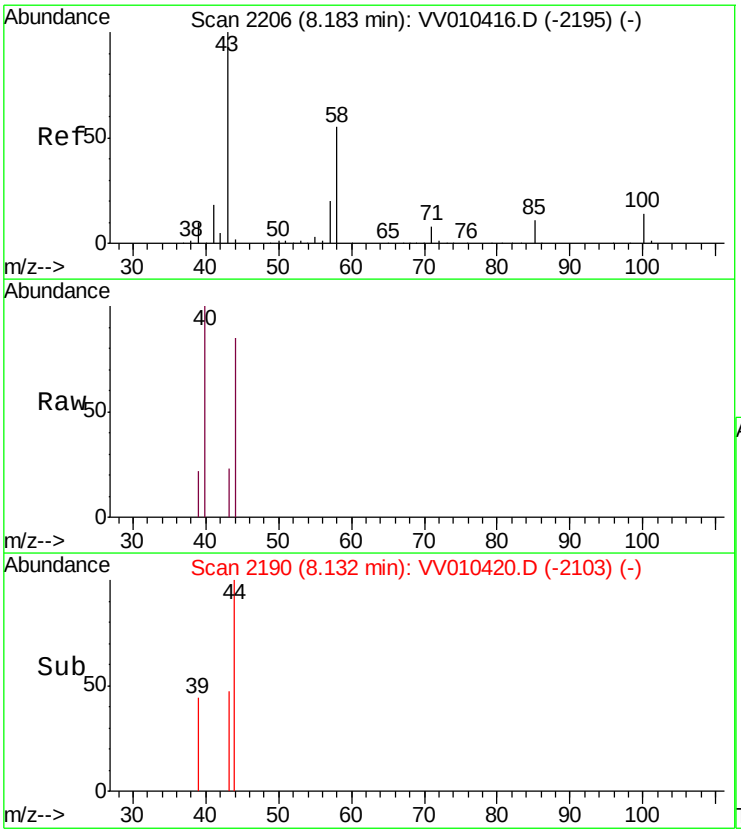
#44
Toluene
Concen: 5.096 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Instrument :
MSVOA_V
ClientSampleId :
GAHQ2

Tgt Ion: 91 Resp: 98

Ion	Ratio	Lower	Upper
91	100		
92	74.2	40.5	75.1

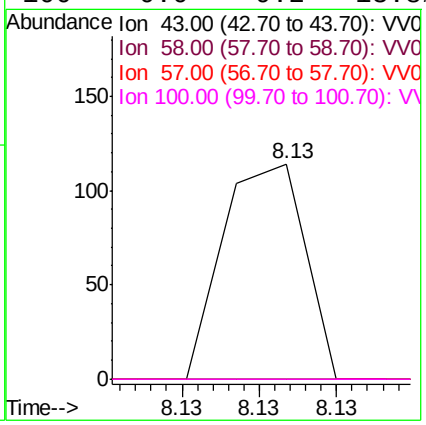


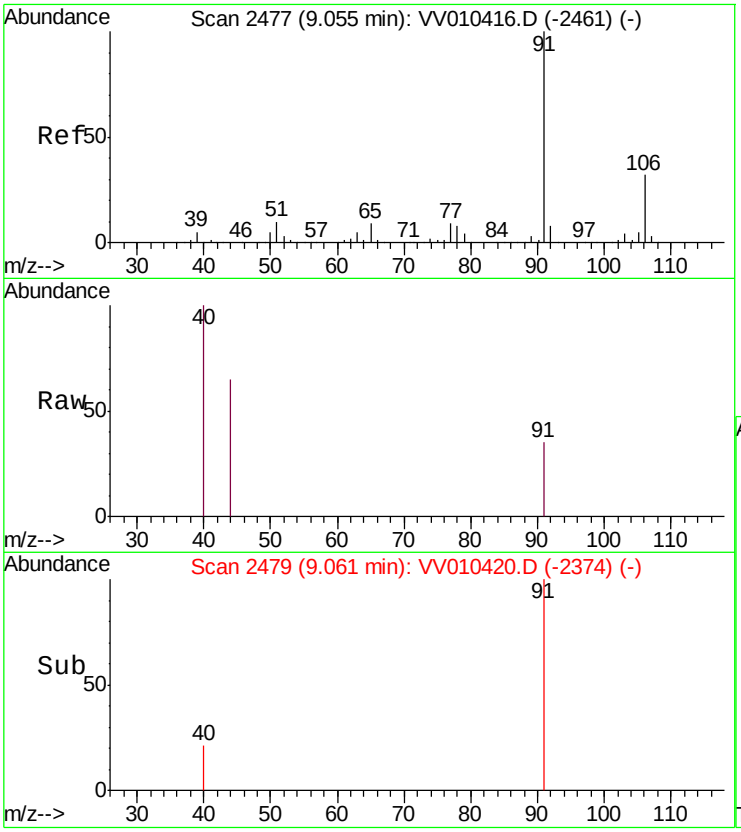


#49
2-Hexanone
Concen: 20.341 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Tgt Ion: 43 Resp: 42

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.6	56.4#
57	0.0	15.8	23.8#
100	0.0	9.2	13.8#



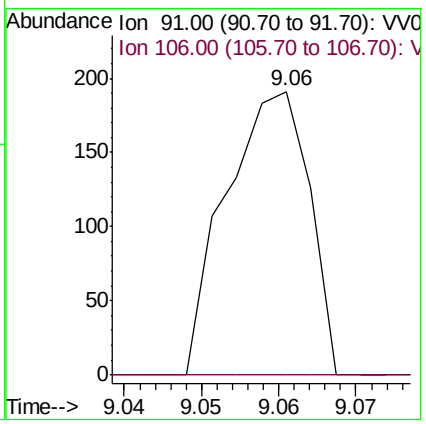


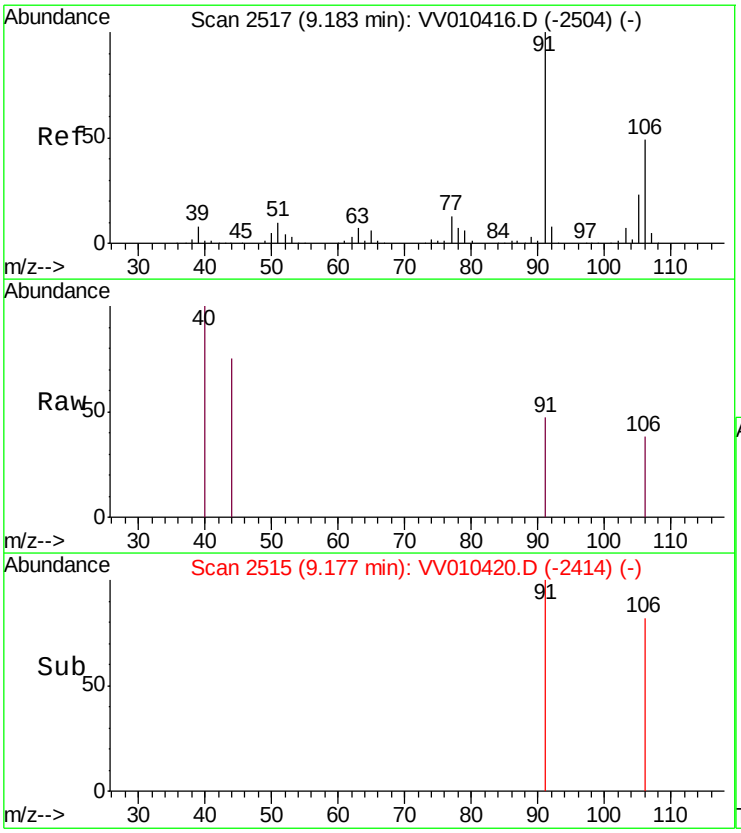
#53
Ethylbenzene
Concen: 6.360 ug/L
RT: 9.06 min Scan# 2479
Delta R.T. 0.01 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Instrument : MSVOA_V
ClientSampleId : GAHQ2

Tgt Ion: 91 Resp: 143

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.5	41.9#

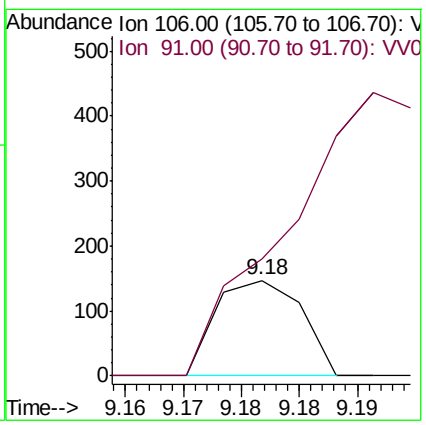


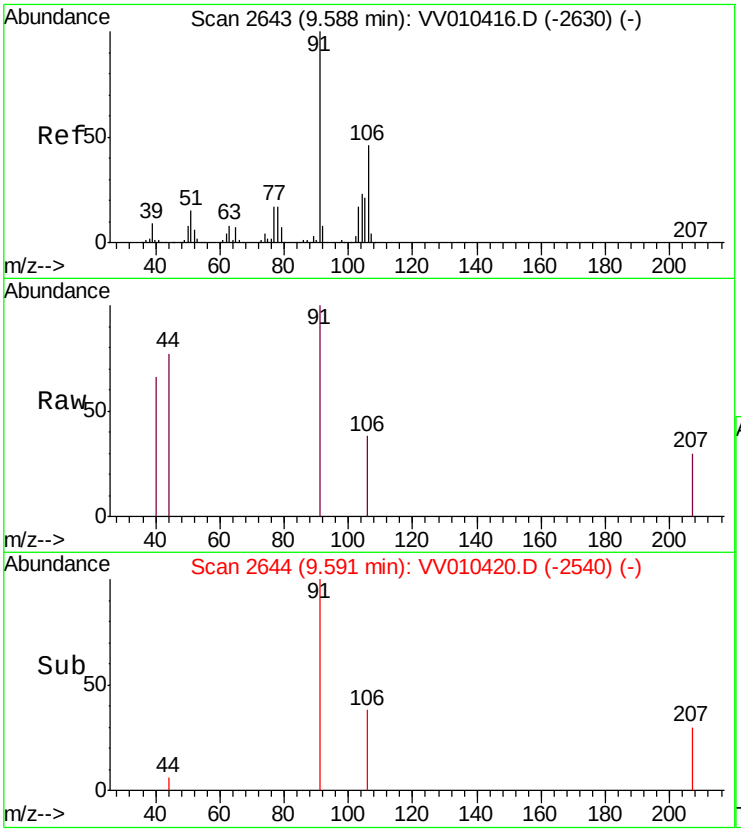


#54
m,p-Xylene
Concen: 8.509 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.01 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Tgt Ion:106 Resp: 75

Ion	Ratio	Lower	Upper
106	100		
91	122.4	142.5	264.7#



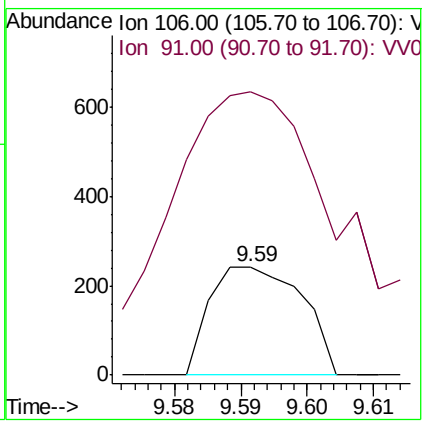


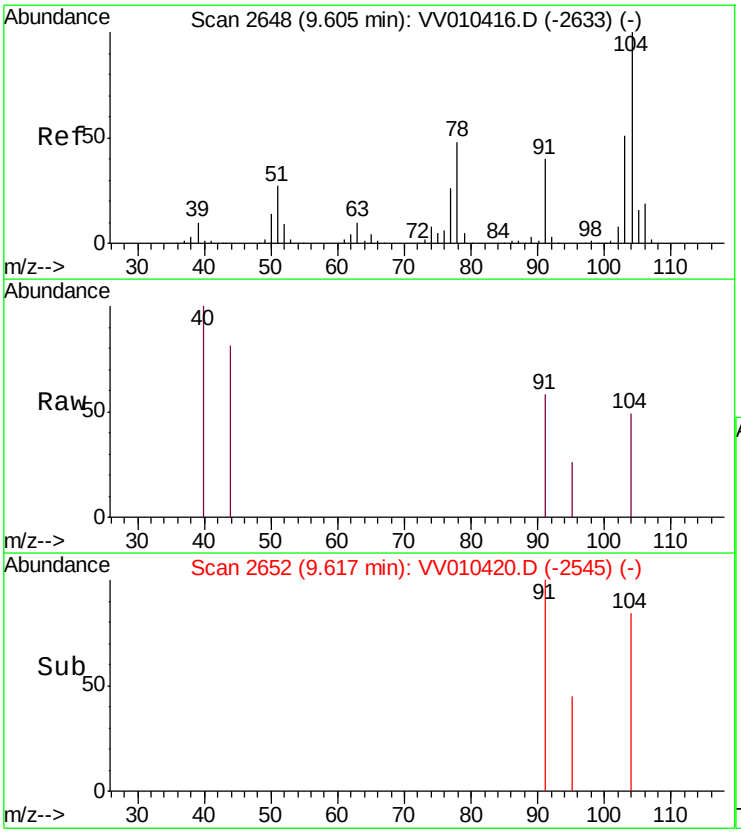
#55
o-xylene
Concen: 26.653 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Instrument :
MSVOA_V
ClientSampleId :
GAHQ2

Tgt Ion:106 Resp: 234

Ion	Ratio	Lower	Upper
106	100		
91	260.5	148.5	275.9

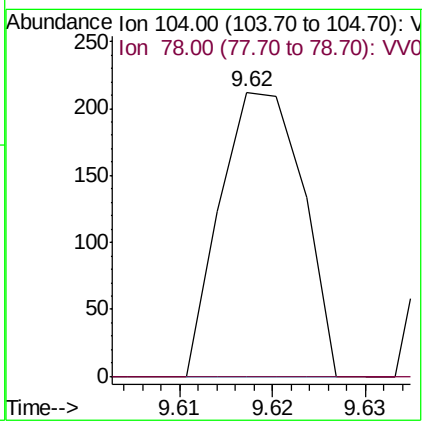


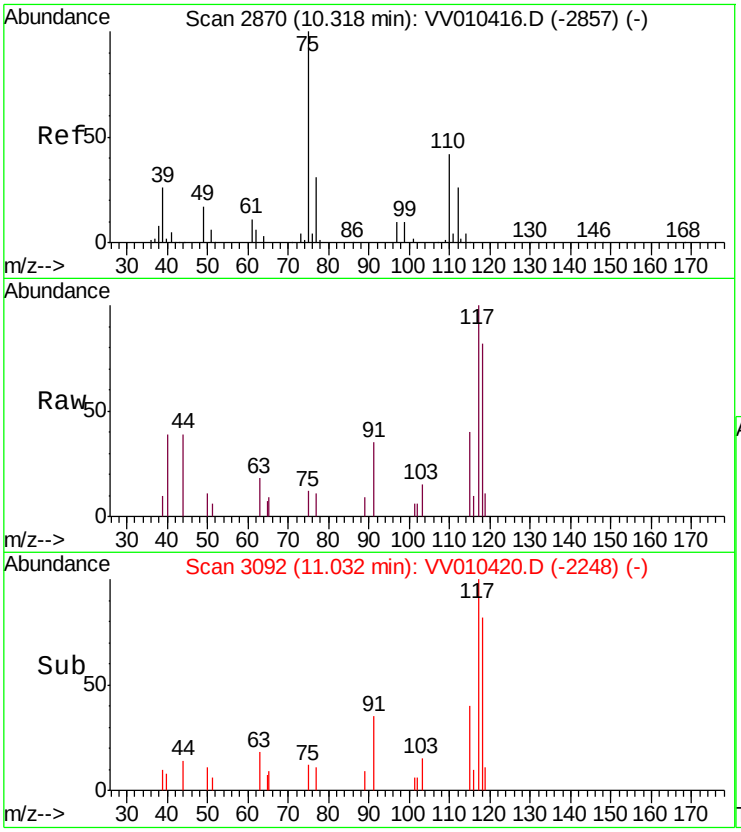


#56
Styrene
Concen: 9.044 ug/L
RT: 9.62 min Scan# 2652
Delta R.T. 0.01 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Tgt Ion:104 Resp: 131

Ion	Ratio	Lower	Upper
104	100		
78	0.0	33.3	61.9#



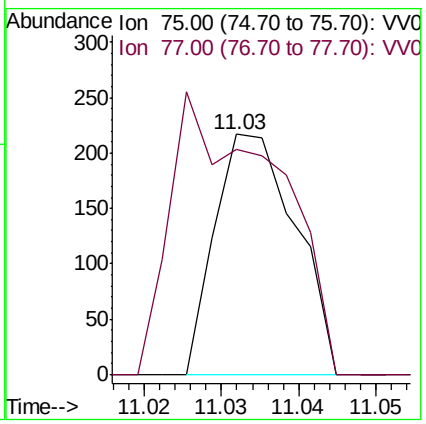


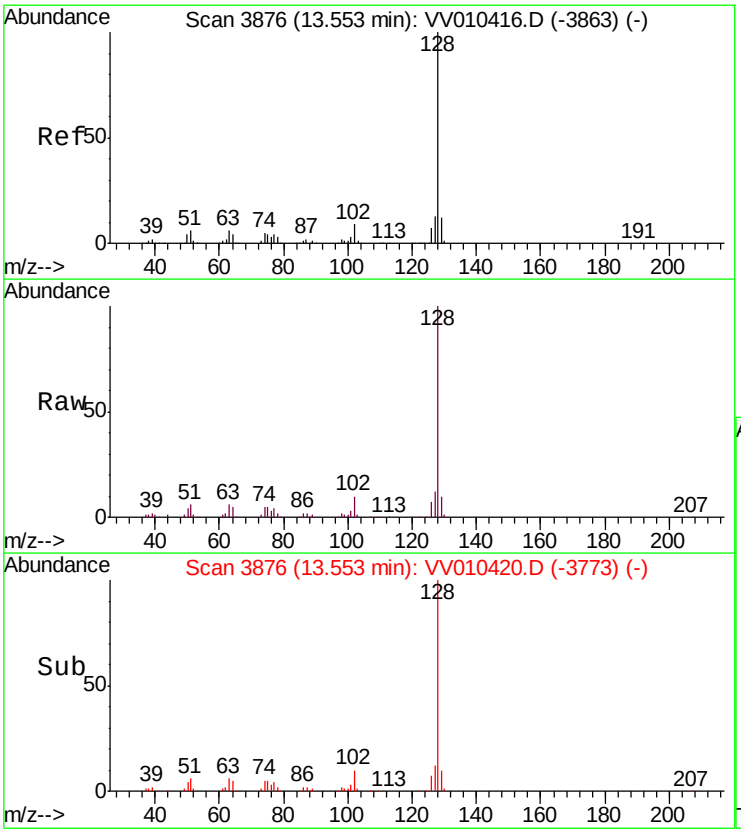
#59
1,2,3-Trichloropropane
Concen: 46.866 ug/L
RT: 11.03 min Scan# 3092
Delta R.T. 0.71 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Instrument : MSVOA_V
ClientSampleId : GAHQ2

Tgt Ion: 75 Resp: 158

Ion	Ratio	Lower	Upper
75	100		
77	67.1	26.2	39.2#





#69
Naphthalene
Concen: 11087.360 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. -0.00 min
Lab File: VV010420.D
Acq: 22 Apr 2019 18:30

Tgt Ion:128 Resp: 127528

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.4	12.6
127	12.9	10.2	15.2