Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013417.D
Acq On : 30 Oct 2019 00:41
Operator : SY/MD
Sample : K5597-18
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQE7

Quant Time: Oct 30 04:39:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	363313	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	203764	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	149807	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.58	69	127364	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.13	63	193051	3.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.80%			
20) 2-Butanone-d5	3.95	46	398505	50.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.40%			
24) Chloroform-d	4.40	84	311986	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.08	65	156537	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.10	84	637618	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.12	67	201879	4.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.00%			
41) Toluene-d8	7.36	98	556130	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	7.66	79	65994	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.13	63	234750	46.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.84%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	133357	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	216808	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	7014	0.144	ug/L	97
13) Acetone	2.22	43	7082	1.844	ug/L	74
25) Chloroform	4.43	83	80153	1.114	ug/L	95
30) Cyclohexane	4.72	56	14168	0.235	ug/L #	64
31) Carbon tetrachloride	4.87	117	13989	0.268	ug/L	96
33) Benzene	5.15	78	38339	0.264	ug/L	100
35) Methylcyclohexane	6.18	83	8474	0.143	ug/L #	72
42) Toluene	7.43	91	11853	0.078	ug/L	98
47) Tetrachloroethene	8.02	164	84686	2.512	ug/L	96
53) m,p-xylene	9.18	106	11200	0.189	ug/L	83

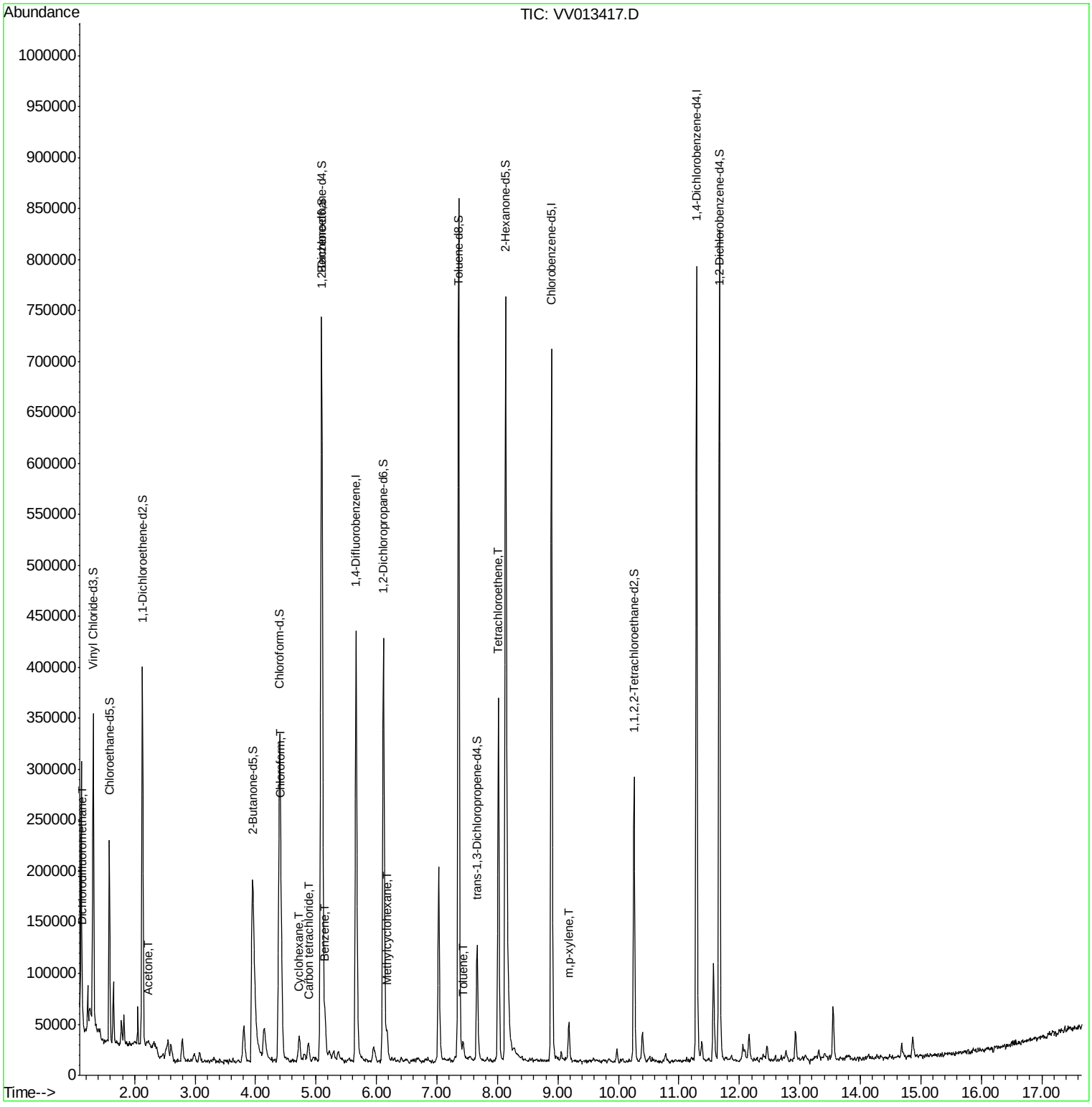
(#) = qualifier out of range (m) = manual integration (+) = signals summed

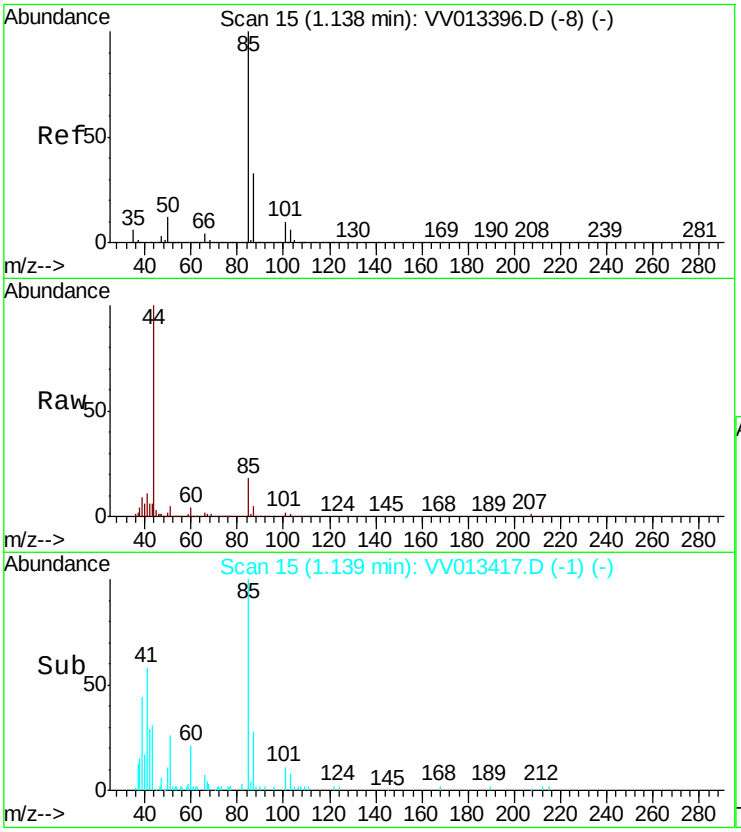
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013417.D
Acq On : 30 Oct 2019 00:41
Operator : SY/MD
Sample : K5597-18
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQE7

Quant Time: Oct 30 04:39:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration



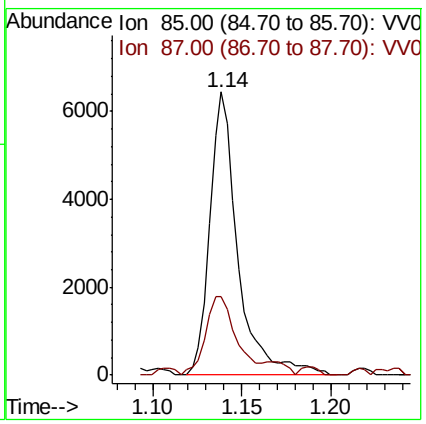


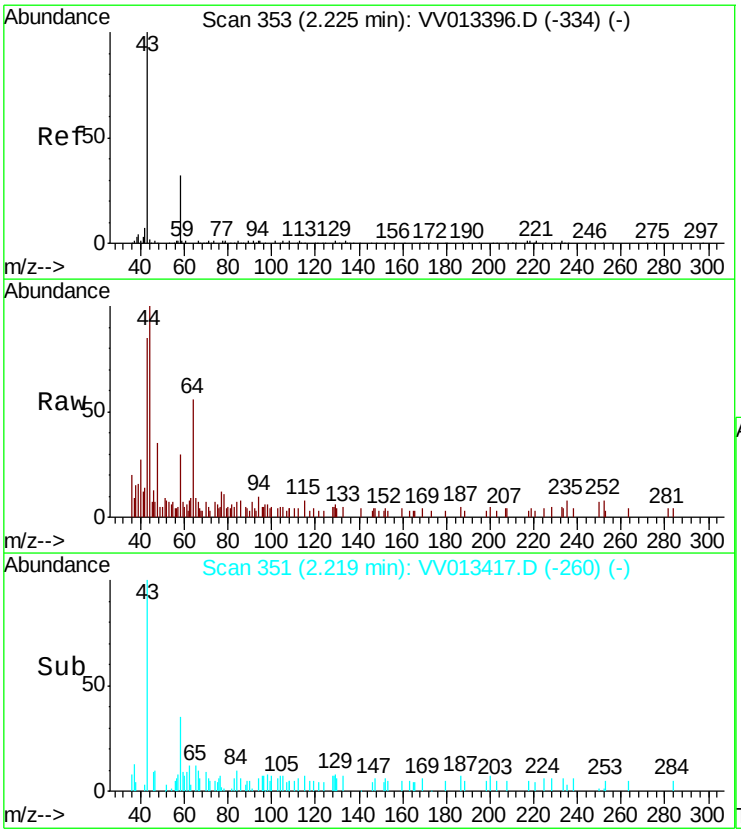
#2
Dichlorodifluoromethane
Concen: 0.144 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Instrument : MSVOA_V
ClientSampleId : GAQE7

Tgt Ion: 85 Resp: 7014

Ion	Ratio	Lower	Upper
85	100		
87	30.7	25.8	38.6

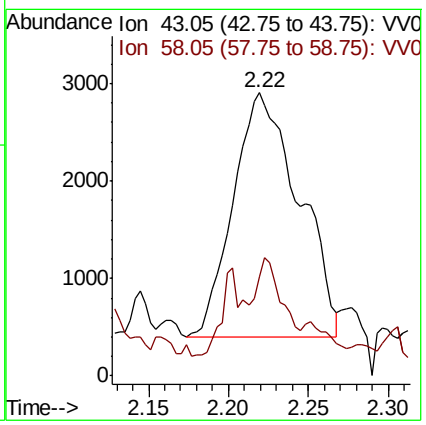


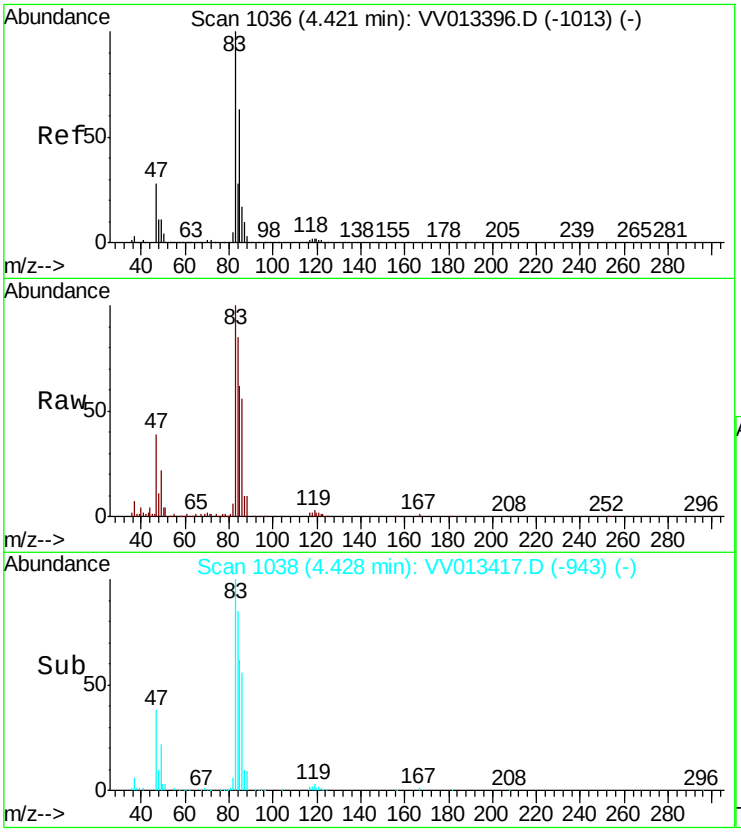


#13
Acetone
Concen: 1.844 ug/L
RT: 2.22 min Scan# 351
Delta R.T. -0.01 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Tgt Ion: 43 Resp: 7082

Ion	Ratio	Lower	Upper
43	100		
58	15.7	0.0	59.0



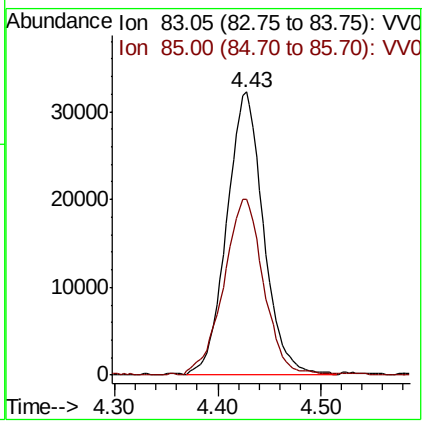


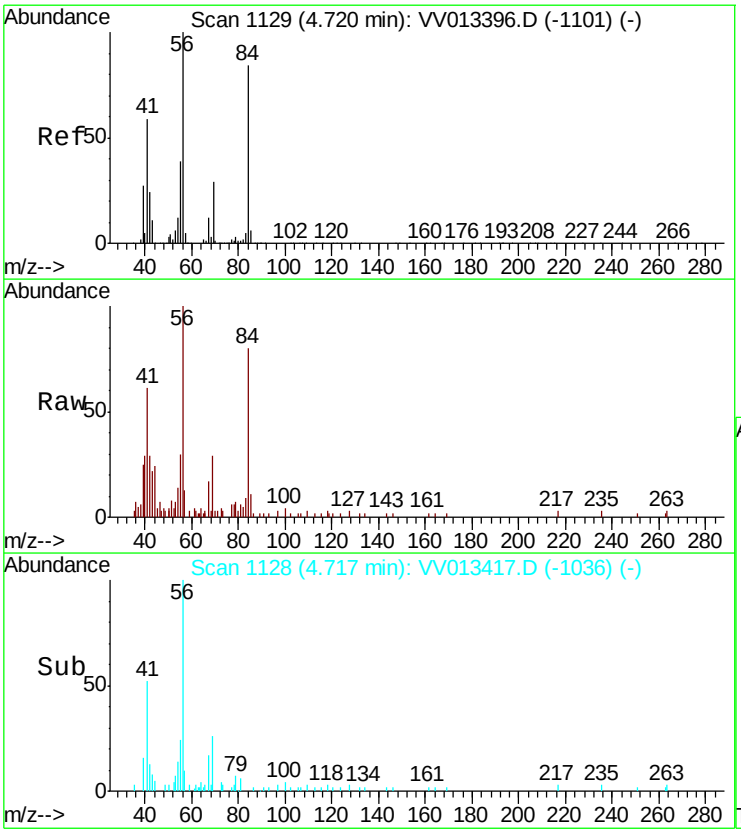
#25
Chloroform
Concen: 1.114 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Instrument :
MSVOA_V
ClientSampleId :
GAQE7

Tgt Ion: 83 Resp: 80153

Ion	Ratio	Lower	Upper
83	100		
85	62.1	46.5	86.5

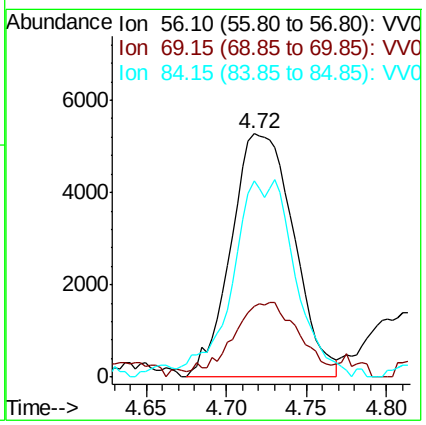


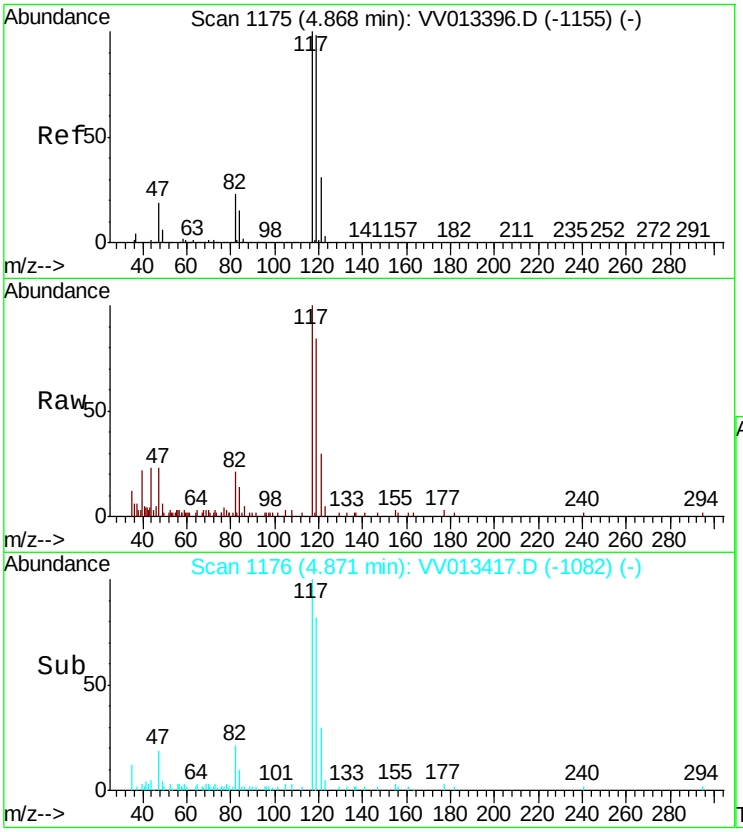


#30
Cyclohexane
Concen: 0.235 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Tgt Ion: 56 Resp: 14168

Ion	Ratio	Lower	Upper
56	100		
69	28.5	22.7	34.1
84	38.4	65.5	98.3#



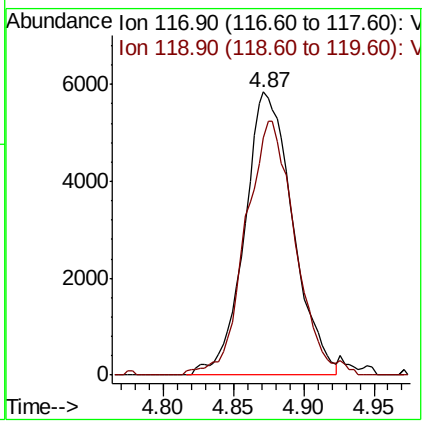


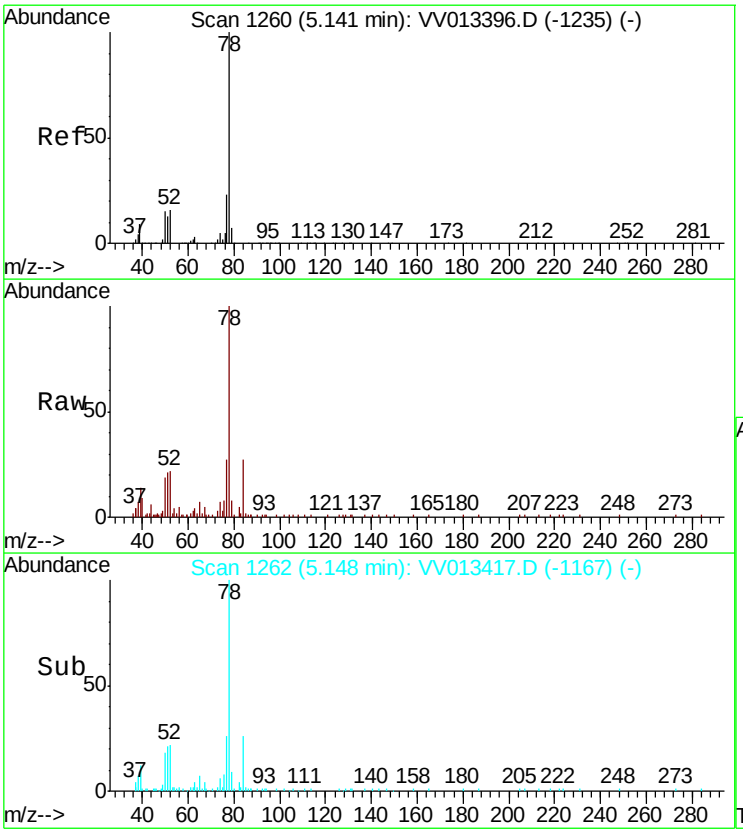
#31
Carbon tetrachloride
Concen: 0.268 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Instrument :
MSVOA_V
ClientSampleId :
GAQE7

Tgt Ion:117 Resp: 13989

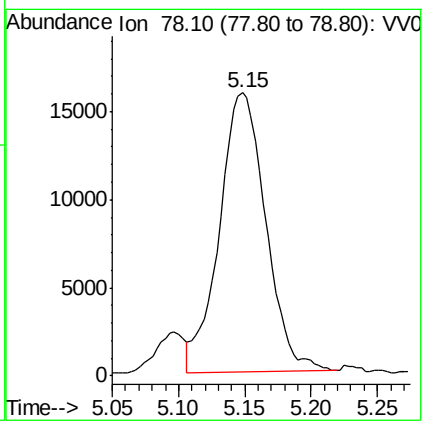
Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.7	115.1

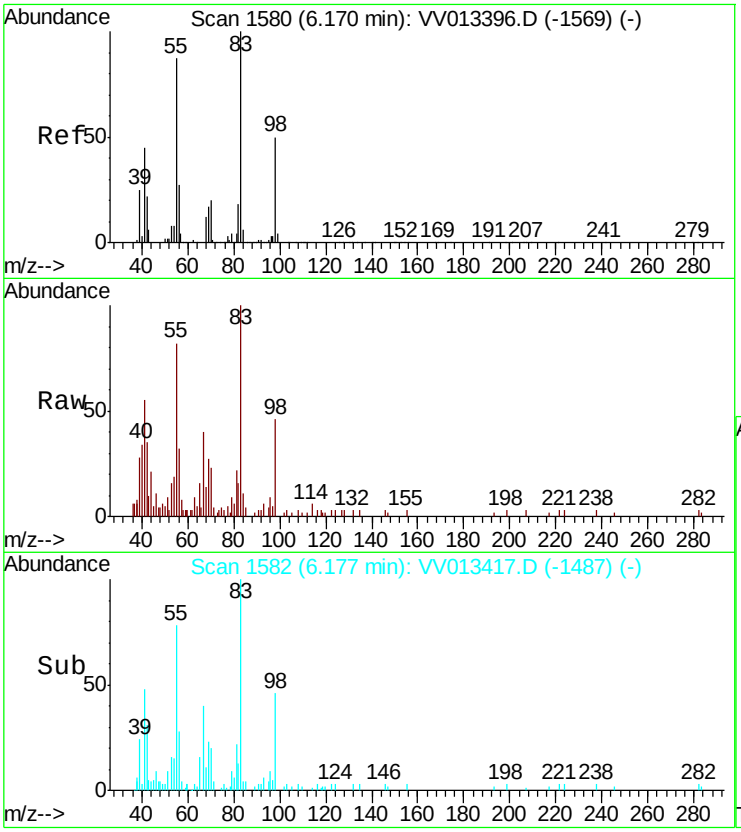




#33
Benzene
Concen: 0.264 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Tgt Ion: 78 Resp: 38339



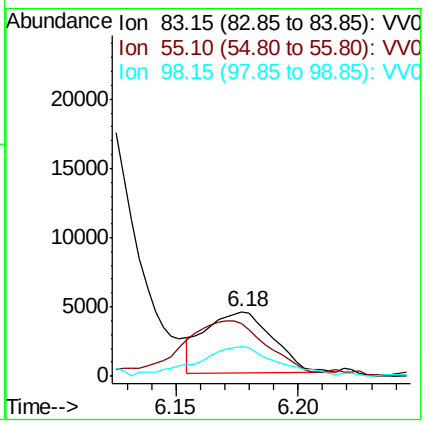


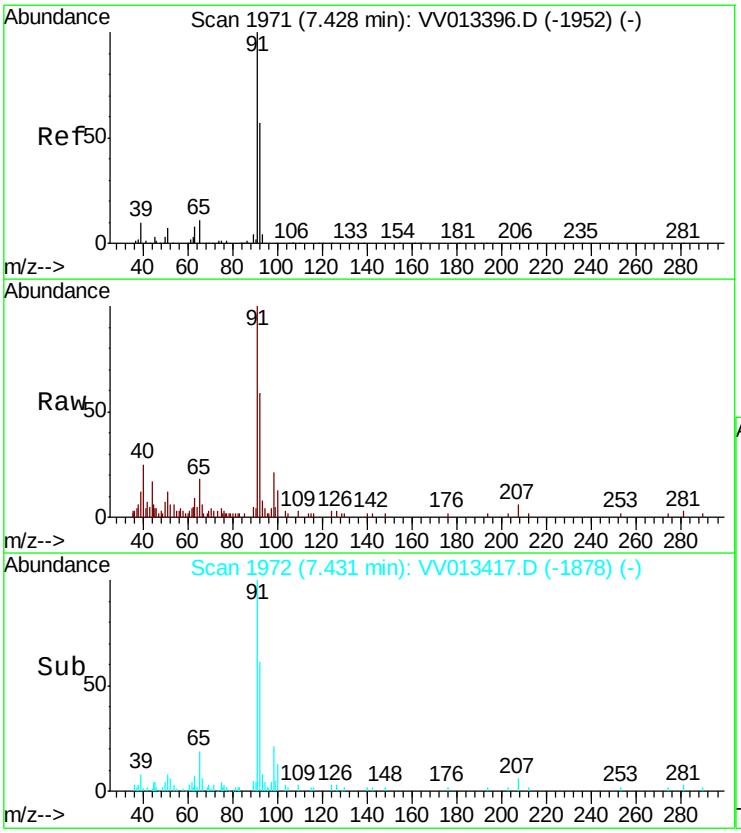
#35
Methylcyclohexane
Concen: 0.143 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Instrument : MSVOA_V
ClientSampleId : GAQE7

Tgt Ion: 83 Resp: 8474

Ion	Ratio	Lower	Upper
83	100		
55	114.7	66.0	99.0#
98	57.5	38.2	57.4#

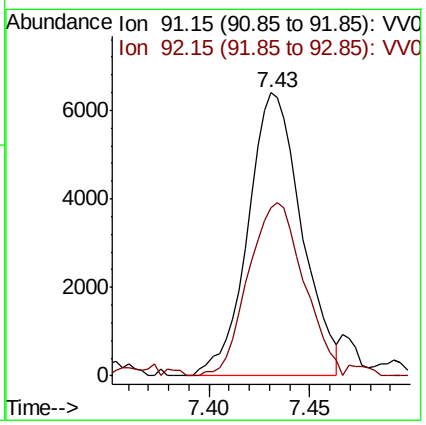


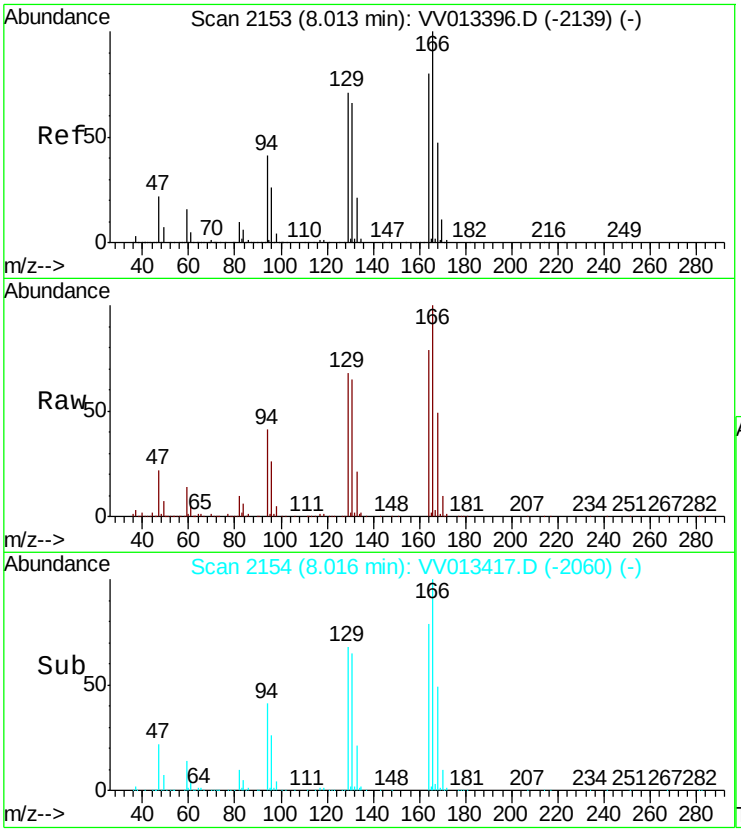


#42
Toluene
Concen: 0.078 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Tgt Ion: 91 Resp: 11853

Ion	Ratio	Lower	Upper
91	100		
92	59.2	40.3	74.8



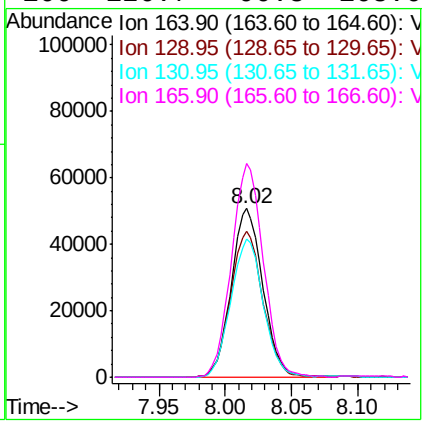


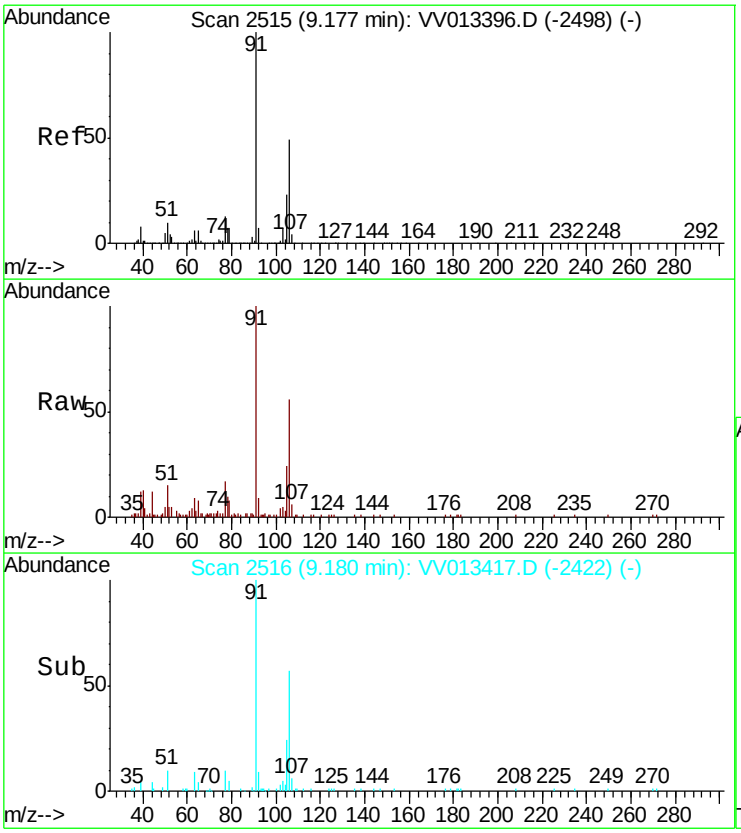
#47
Tetrachloroethene
Concen: 2.512 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Instrument :
MSVOA_V
ClientSampleId :
GAQE7

Tgt Ion:164 Resp: 84686

Ion	Ratio	Lower	Upper
164	100		
129	86.6	63.4	117.8
131	82.0	60.3	112.1
166	126.7	90.8	168.6





#53
m,p-xylene
Concen: 0.189 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Tgt Ion:106 Resp: 11200

Ion	Ratio	Lower	Upper
106	100		
91	179.6	144.3	267.9