Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013415.D
Acq On : 29 Oct 2019 23:53
Operator : SY/MD
Sample : K5597-16
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQE5

Quant Time: Oct 30 04:22:48 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	404135	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	410082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	255813	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	153431	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%			
7) Chloroethane-d5	1.58	69	132532	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	2.13	63	199153	3.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.80%			
20) 2-Butanone-d5	3.92	46	422673	48.34	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.68%			
24) Chloroform-d	4.40	84	322219	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
26) 1,2-Dichloroethane-d4	5.08	65	155050	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
32) Benzene-d6	5.10	84	650381	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.12	67	201296	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.60%			
41) Toluene-d8	7.36	98	646213	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
43) trans-1,3-Dichloropropene-	7.66	79	79268	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.13	63	305452	57.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.50%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	138929	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	235599	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
14) Carbon disulfide	2.32	76	55625	0.595	ug/L	97
21) 2-Butanone	4.01	43	98555	10.589	ug/L	90
30) Cyclohexane	4.73	56	8310242	130.276	ug/L #	95
33) Benzene	5.15	78	16723288	109.132	ug/L	100
35) Methylcyclohexane	6.18	83	5690791	90.691	ug/L	93
42) Toluene	7.43	91	1479626	9.260	ug/L	98
47) Tetrachloroethene	8.02	164	5226	0.147	ug/L	84
52) Ethylbenzene	9.05	91	875944	5.171	ug/L	100
53) m,p-xylene	9.18	106	5674738	90.694	ug/L	89
54) o-xylene	9.58	106	96158	1.589	ug/L	97
56) Isopropylbenzene	9.97	105	3219334	19.758	ug/L	99

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

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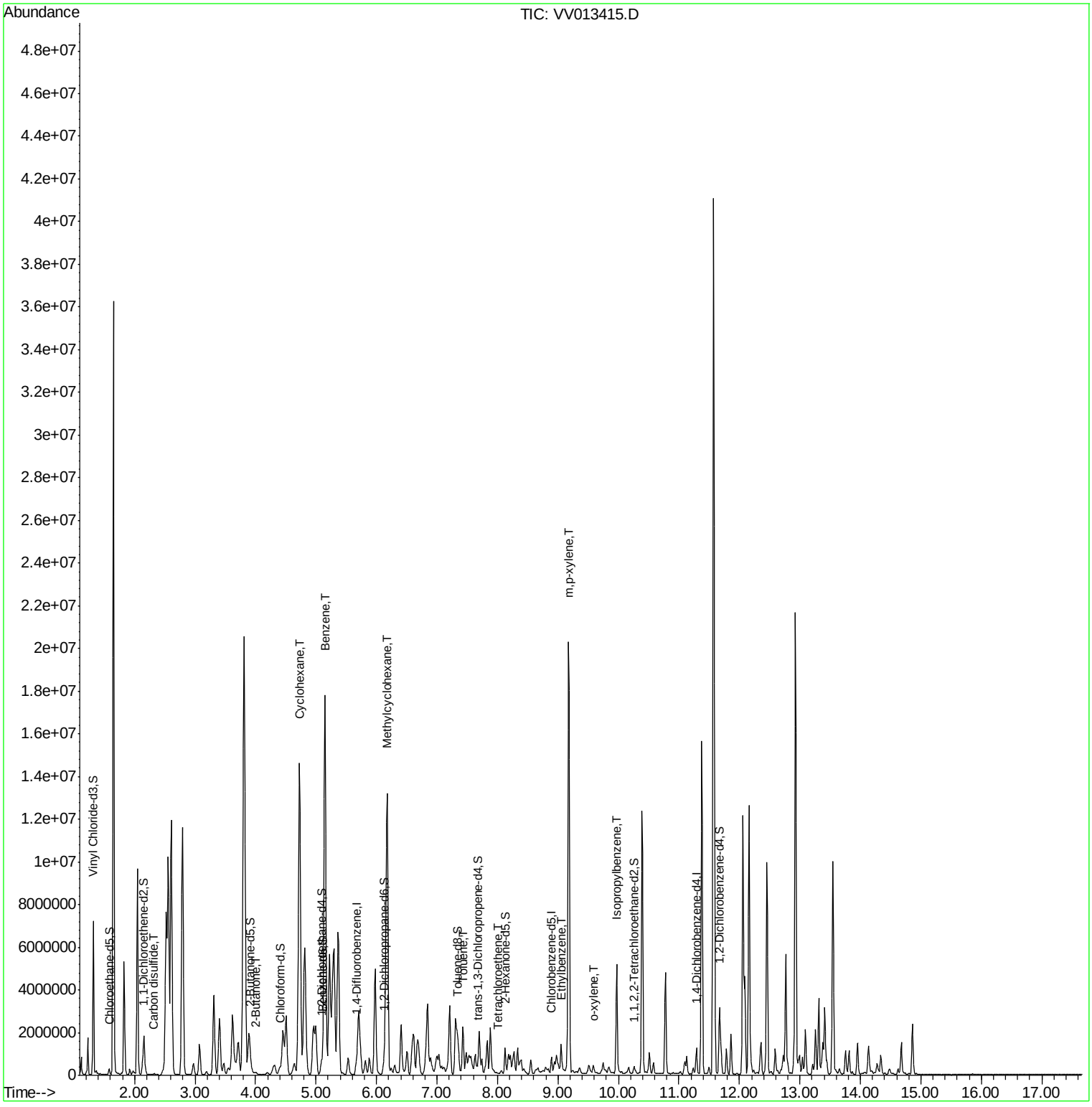
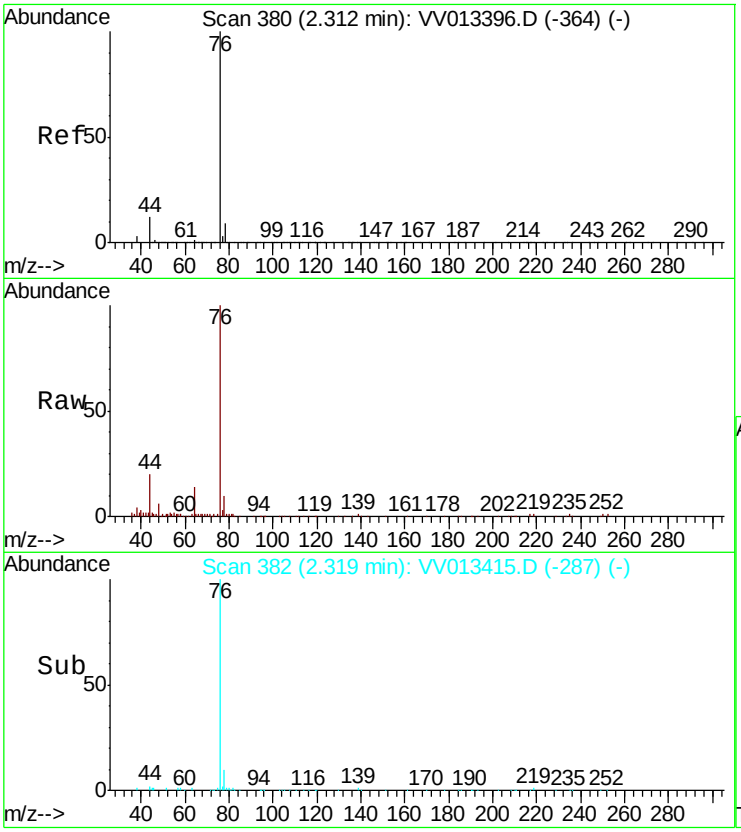
Quant Time: Oct 30 04:22:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration



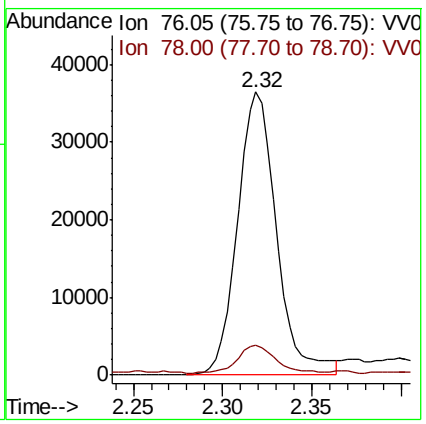


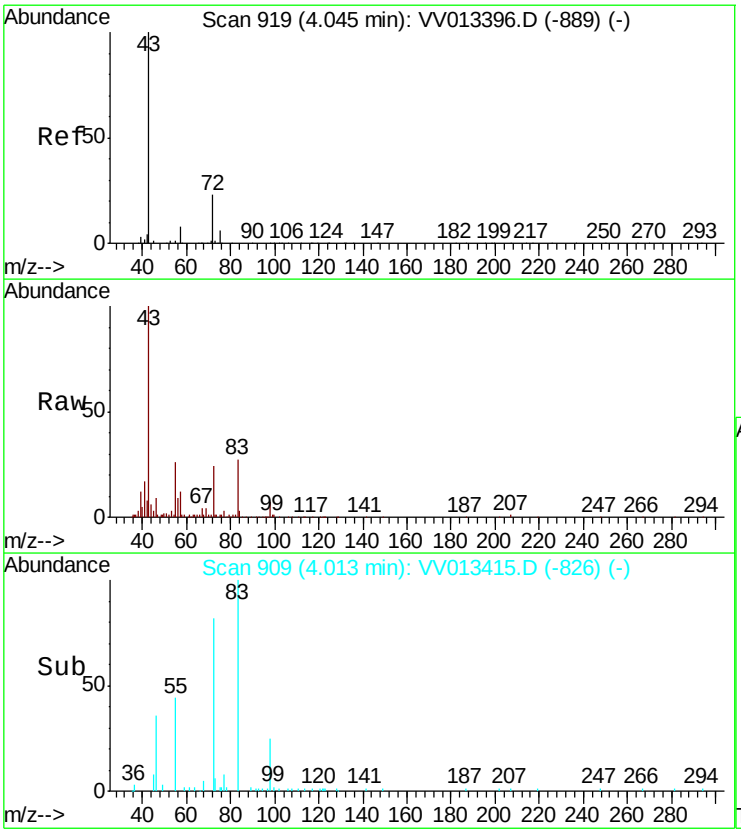
#14
Carbon disulfide
Concen: 0.595 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Instrument : MSVOA_V
ClientSampleId : GAQE5

Tgt Ion: 76 Resp: 55625

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.5	11.3

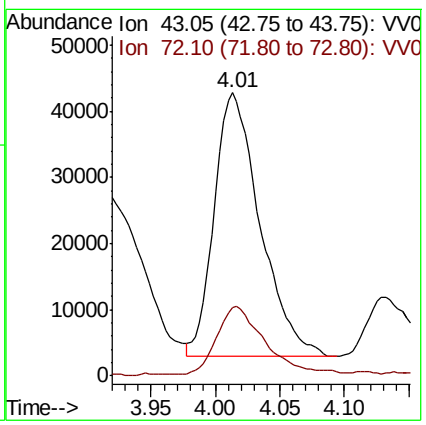


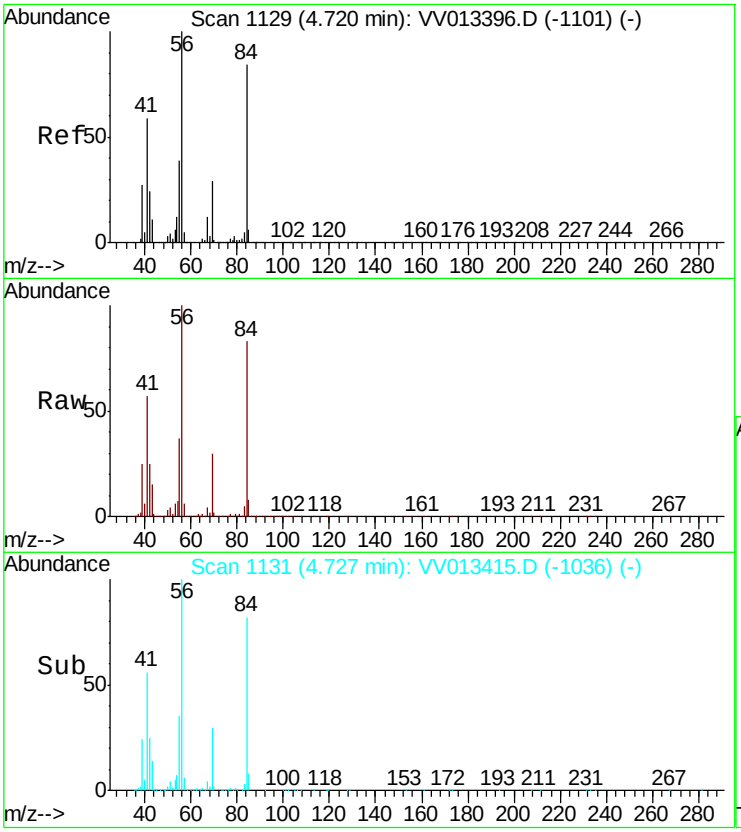


#21
2-Butanone
Concen: 10.589 ug/L
RT: 4.01 min Scan# 909
Delta R.T. -0.03 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Tgt Ion: 43 Resp: 98555

Ion	Ratio	Lower	Upper
43	100		
72	27.4	11.3	33.9



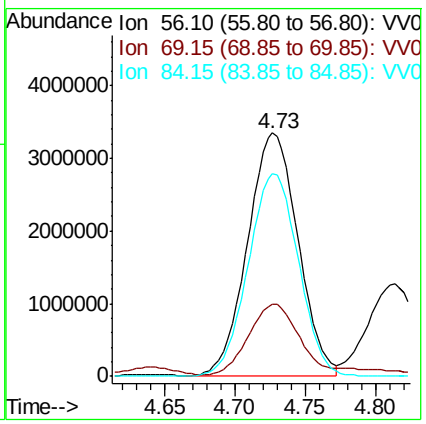


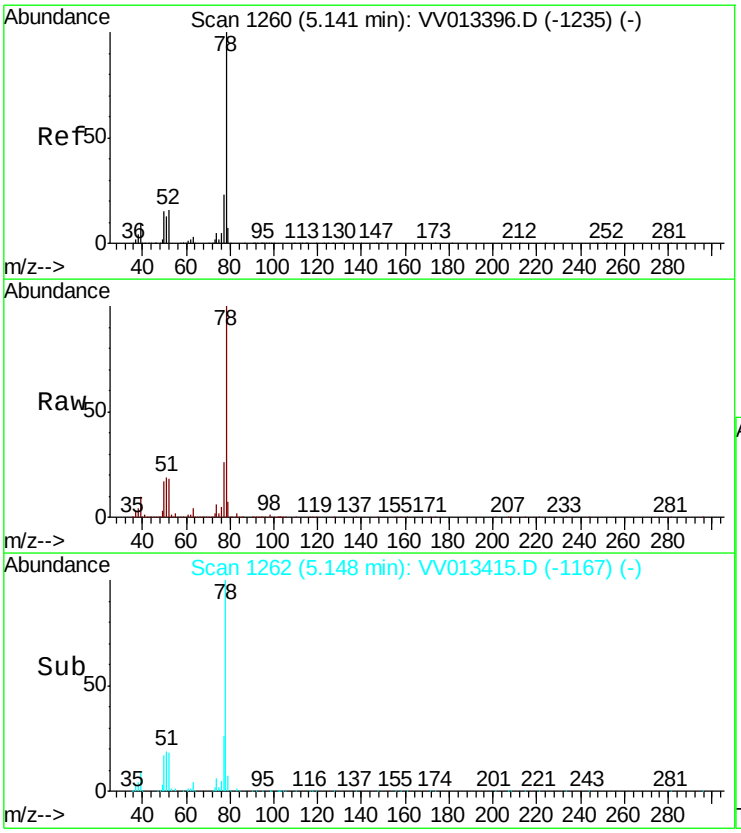
#30
Cyclohexane
Concen: 130.276 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Instrument : MSVOA_V
ClientSampleId : GAQE5

Tgt Ion: 56 Resp: 8310242

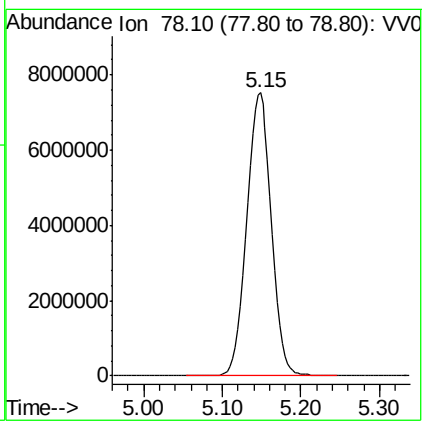
Ion	Ratio	Lower	Upper
56	100		
69	34.8	22.7	34.1#
84	83.7	65.5	98.3

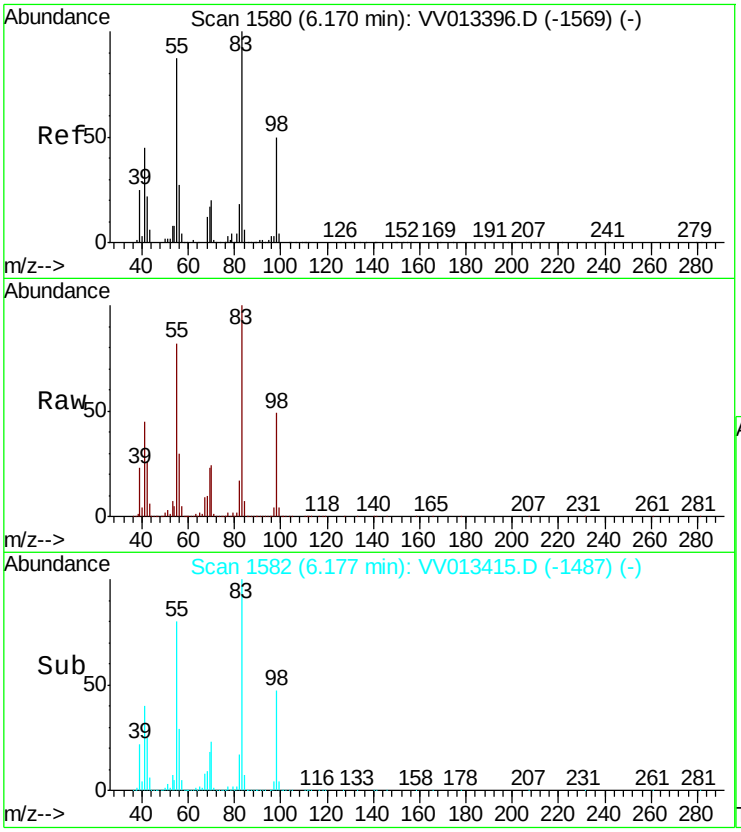




#33
Benzene
Concen: 109.132 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Tgt Ion: 78 Resp:16723288



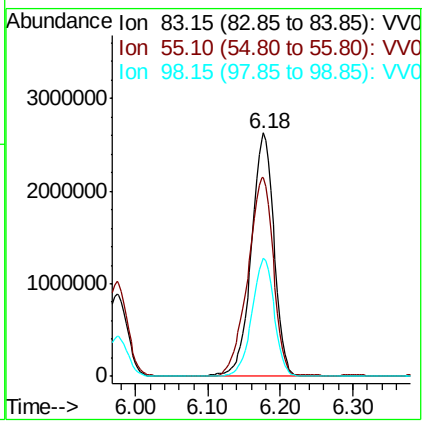


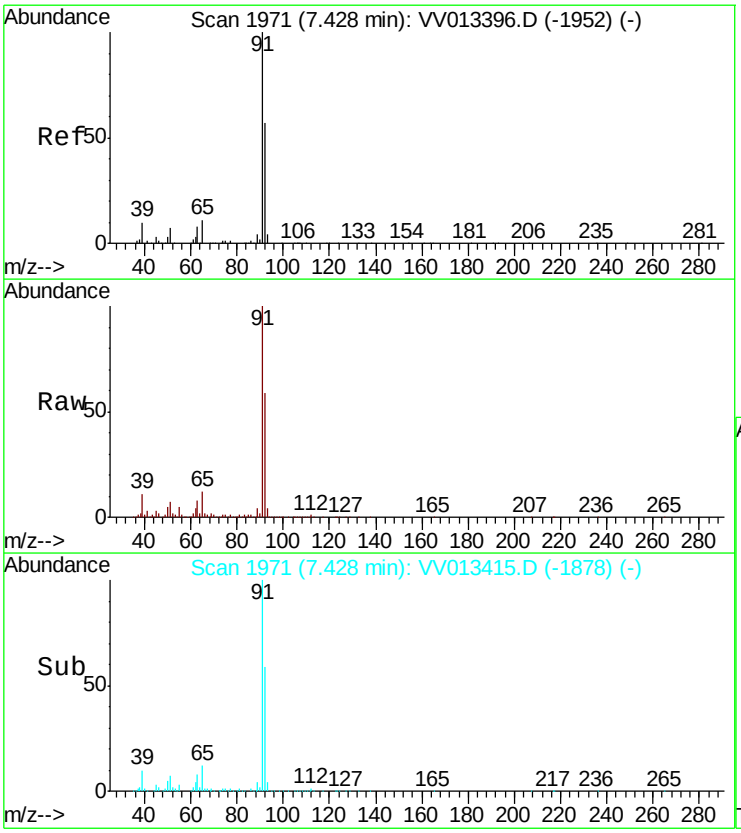
#35
Methylcyclohexane
Concen: 90.691 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Instrument : MSVOA_V
ClientSampleId : GAQE5

Tgt Ion: 83 Resp: 5690791

Ion	Ratio	Lower	Upper
83	100		
55	92.1	66.0	99.0
98	47.9	38.2	57.4

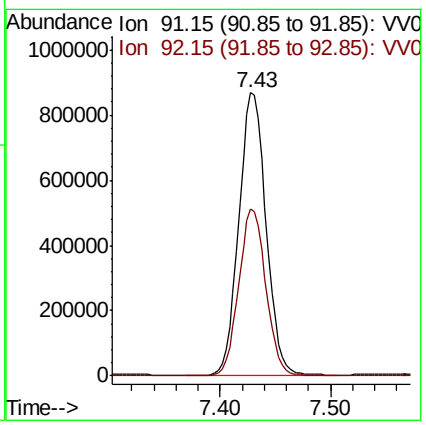


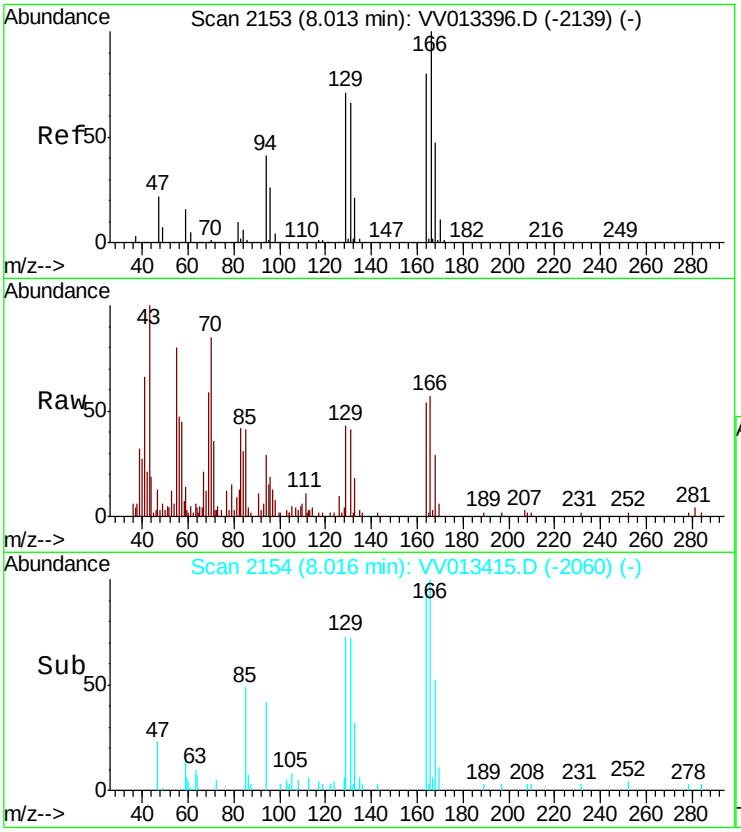


#42
Toluene
Concen: 9.260 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Tgt Ion: 91 Resp: 1479626

Ion	Ratio	Lower	Upper
91	100		
92	59.1	40.3	74.8



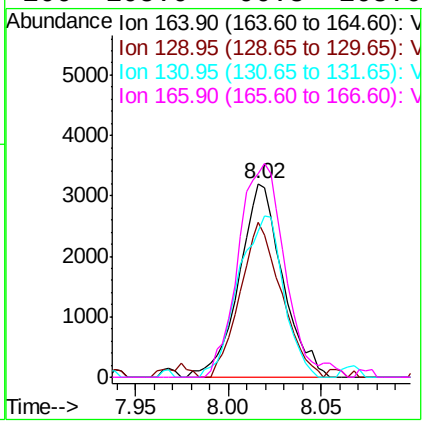


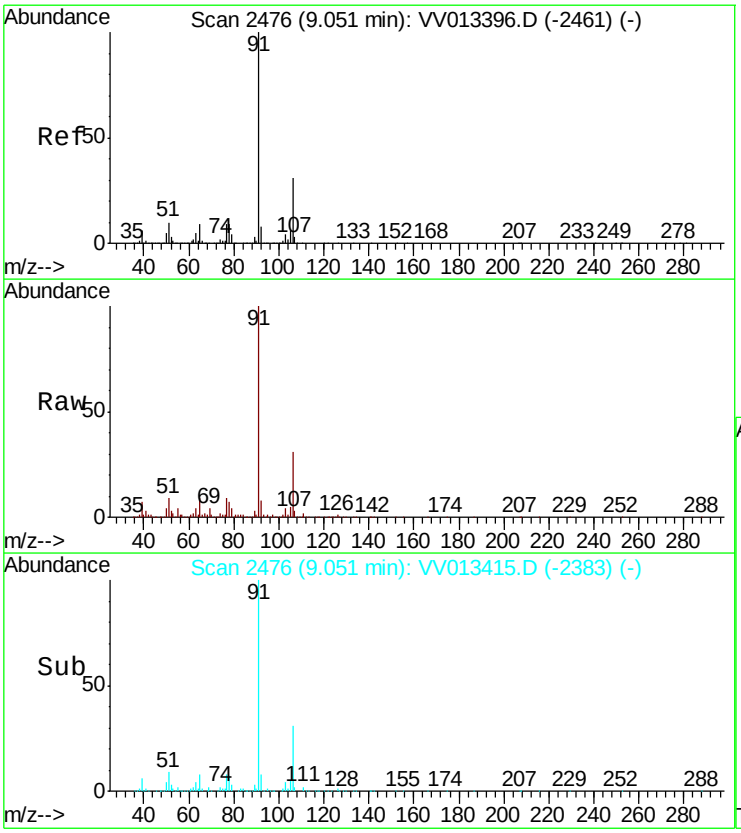
#47
Tetrachloroethene
Concen: 0.147 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Instrument : MSVOA_V
ClientSampleId : GAQE5

Tgt Ion:164 Resp: 5226

Ion	Ratio	Lower	Upper
164	100		
129	80.0	63.4	117.8
131	75.4	60.3	112.1
166	105.0	90.8	168.6

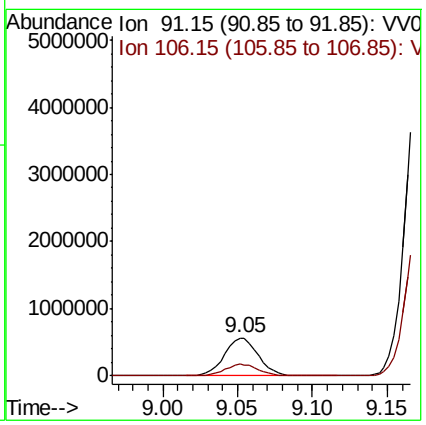


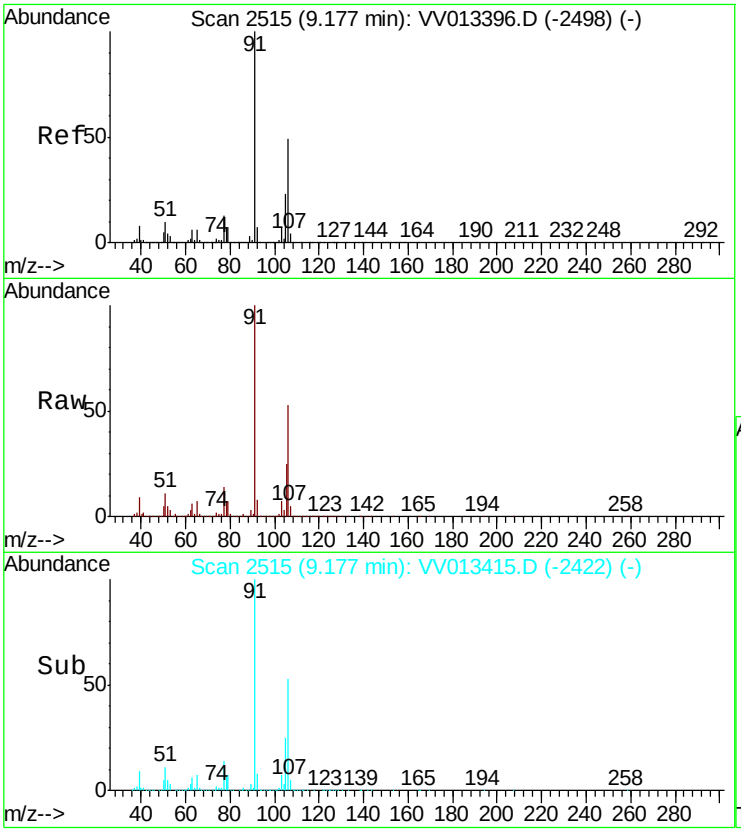


#52
Ethylbenzene
Concen: 5.171 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Tgt Ion: 91 Resp: 875944

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.5	39.9



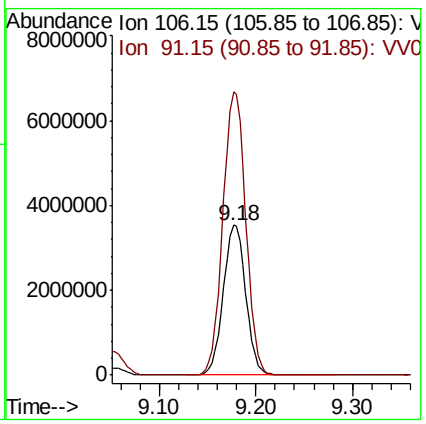


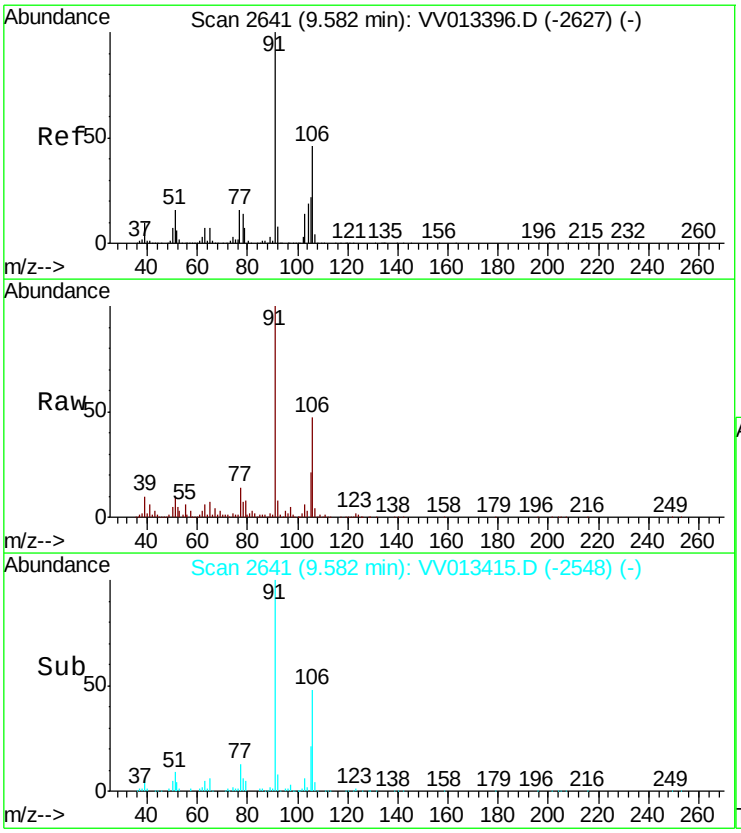
#53
m,p-xylene
Concen: 90.694 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Instrument : MSVOA_V
ClientSampleId : GAQE5

Tgt Ion:106 Resp: 5674738

Ion	Ratio	Lower	Upper
106	100		
91	188.6	144.3	267.9

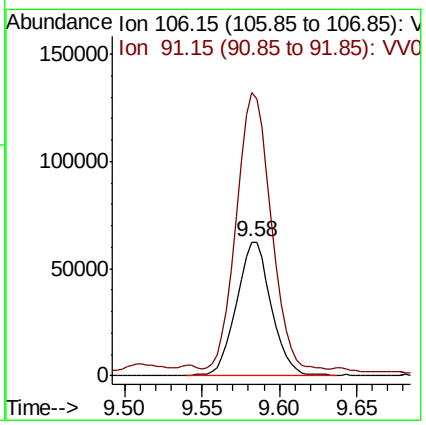


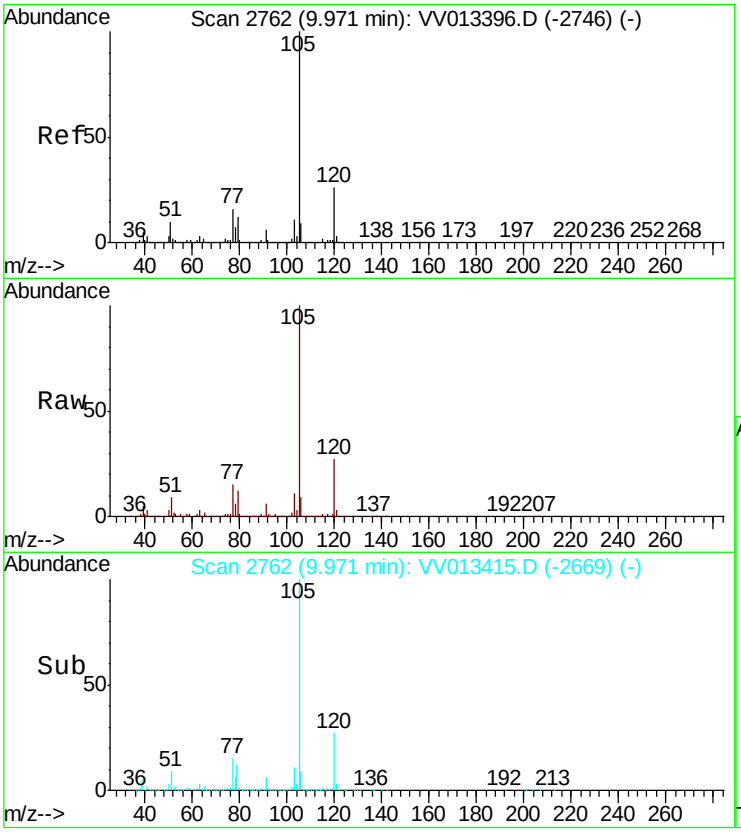


#54
o-xylene
Concen: 1.589 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Tgt Ion:106 Resp: 96158

Ion	Ratio	Lower	Upper
106	100		
91	211.1	151.5	281.5





#56
Isopropylbenzene
Concen: 19.758 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013415.D
Acq: 29 Oct 2019 23:53

Instrument :
MSVOA_V
ClientSampleId :
GAQE5

Tgt Ion:105 Resp: 3219334

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.0	31.6
77	15.4	12.9	19.3