Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010383.D
Acq On : 19 Apr 2019 13:02
Operator : SY/MD
Sample : K2402-08MS
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHH9MS

Quant Time: Apr 20 04:18:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	333229	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	305468	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	160650	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	70178	16.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.32%			
7) Chloroethane-d5	1.57	69	68512	19.28	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.12%			
10) 1,1-Dichloroethene-d2	2.13	63	198904	19.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.92%			
20) 2-Butanone-d5	3.93	46	48728	36.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.96%			
24) Chloroform-d	4.40	84	171354	19.56	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.24%			
26) 1,2-Dichloroethane-d4	5.08	65	107243	20.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.96%			
29) Benzene-d6	5.10	84	330939	21.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.68%			
33) 1,2-Dichloropropane-d6	6.12	67	102355	22.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.48%			
37) Toluene-d8	7.36	98	307340	20.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.80%			
38) trans-1,3-Dichloropropene-	7.66	79	43611	19.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.52%			
39) 2-Hexanone-d5	8.13	63	39787	39.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.10%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	88135	19.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.04%			
61) 1,2-Dichlorobenzene-d4	11.67	152	134371	21.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.08%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	107952	24.937	ug/L	94
13) Acetone	2.19	43	4237	3.047	ug/L	96
16) Methylene chloride	2.53	84	14512	2.727	ug/L	99
34) Benzene	5.14	78	424241	28.460	ug/L	100
35) Trichloroethene	5.96	95	117821	26.715	ug/L	98
44) Toluene	7.43	91	472012	28.088	ug/L	99
52) Chlorobenzene	8.93	112	322131	27.549	ug/L	99
53) Ethylbenzene	9.05	91	17816	0.933	ug/L	99
54) m,p-Xylene	9.18	106	162008	21.921	ug/L	98
55) o-xylene	9.59	106	104334	14.638	ug/L	95
56) Styrene	9.60	104	60154	4.943	ug/L	87
57) Isopropylbenzene	9.97	105	34507	1.817	ug/L	98

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

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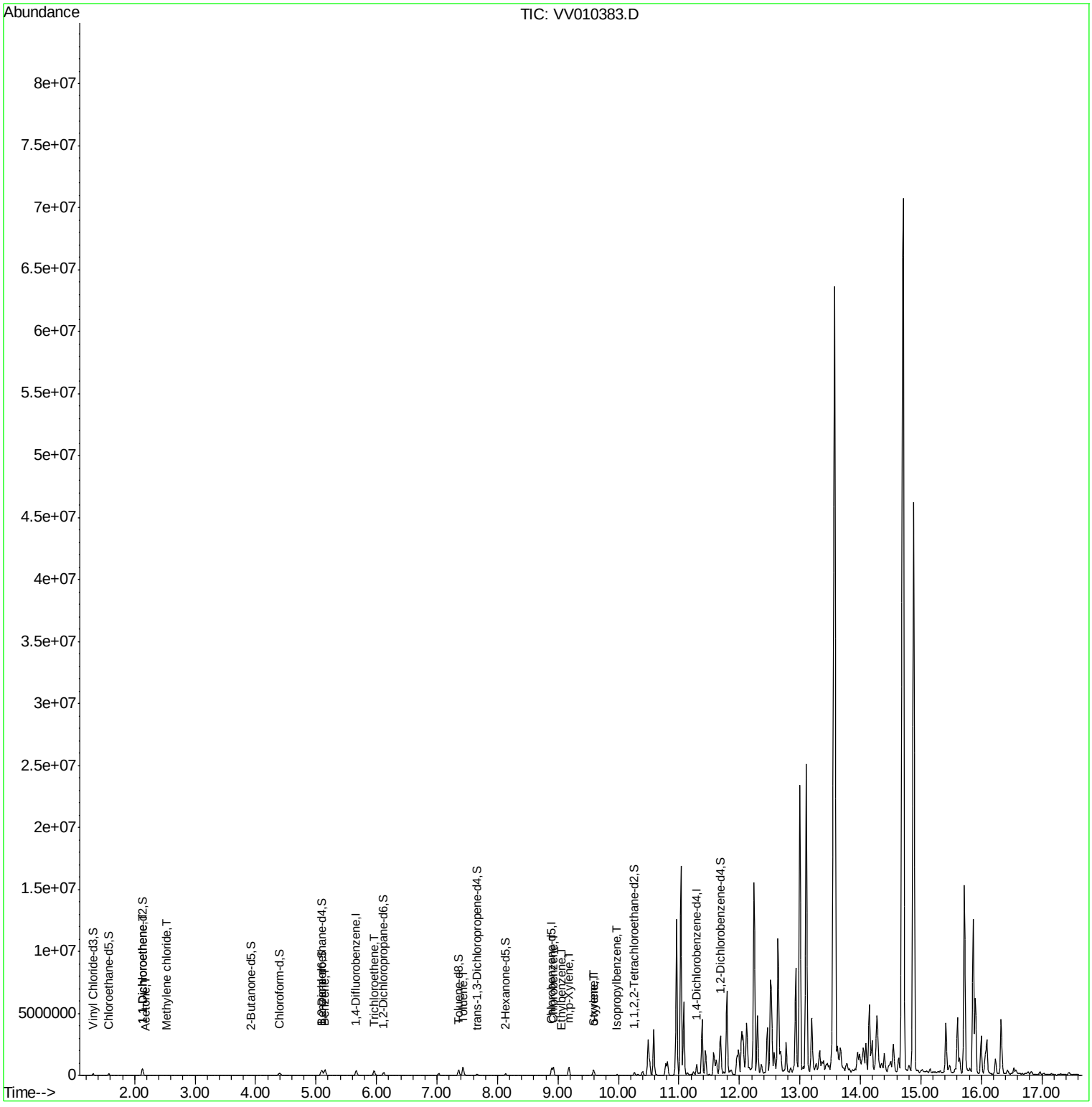
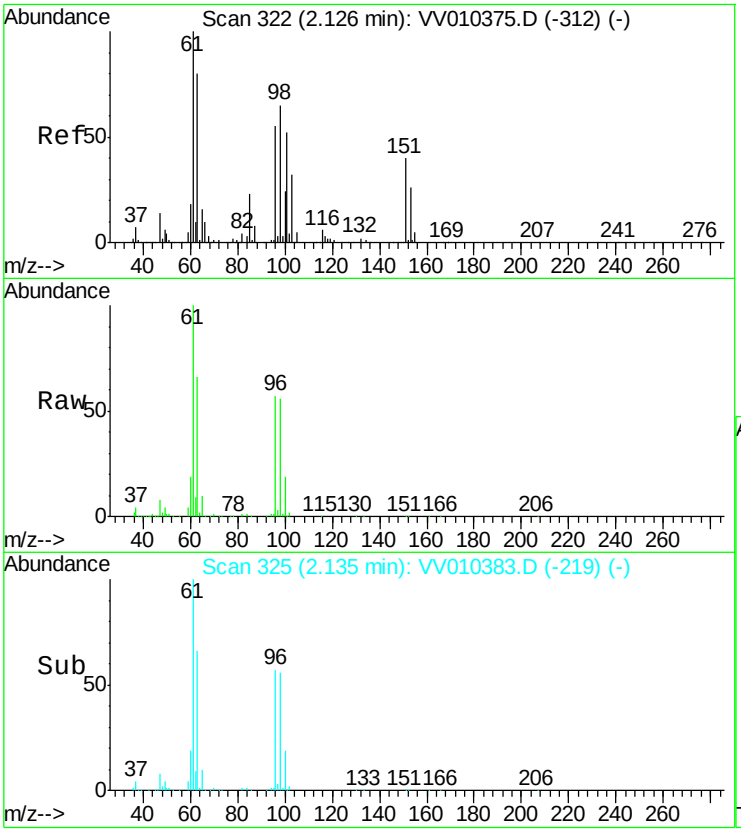
Sample : K2402-08MS
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

Quant Time: Apr 20 04:18:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration



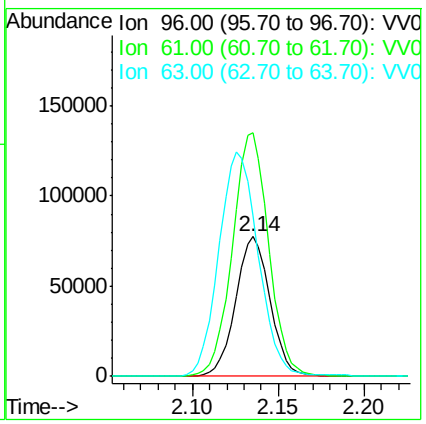


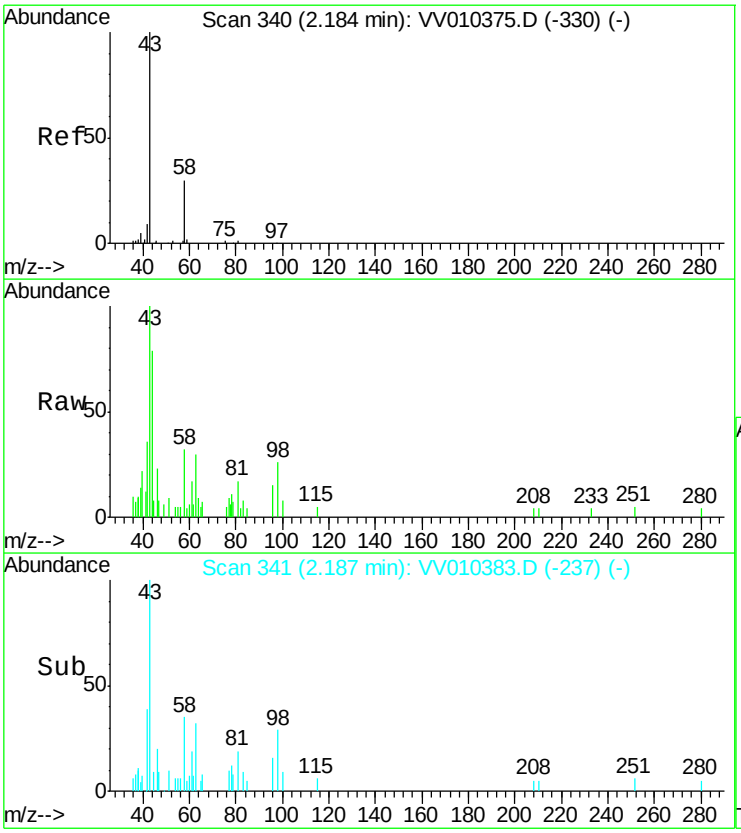
#12
1,1-Dichloroethene
Concen: 24.937 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

Tgt Ion: 96 Resp: 107952

Ion	Ratio	Lower	Upper
96	100		
61	174.1	124.7	231.5
63	114.4	88.7	164.7

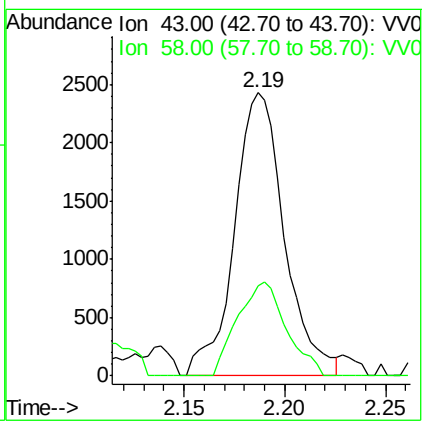


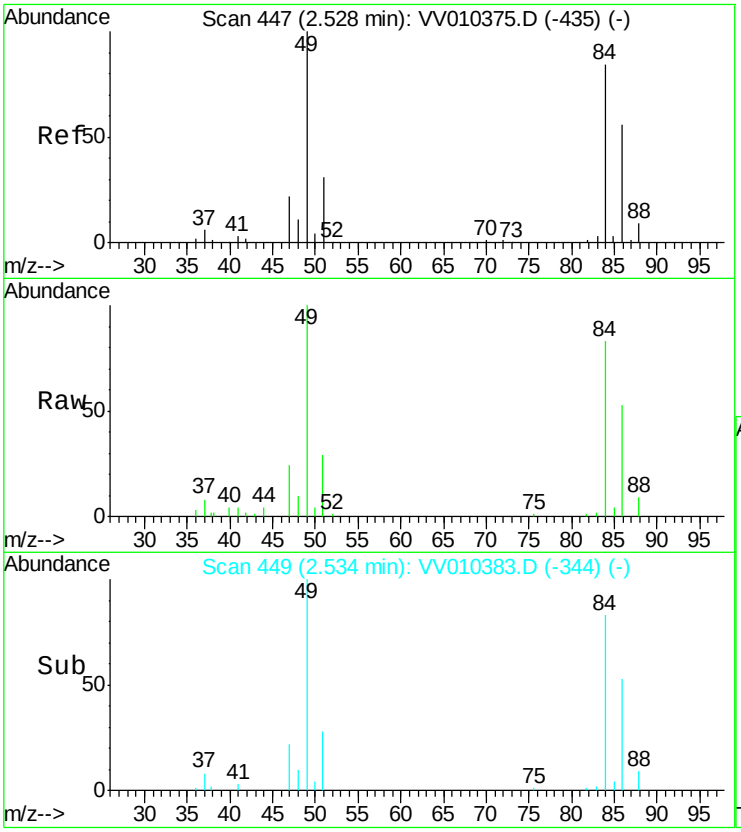


#13
Acetone
Concen: 3.047 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Tgt Ion: 43 Resp: 4237

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	60.0



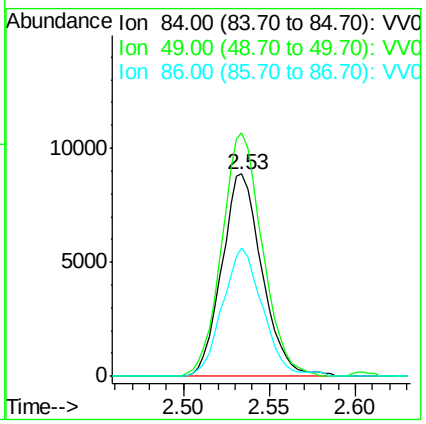


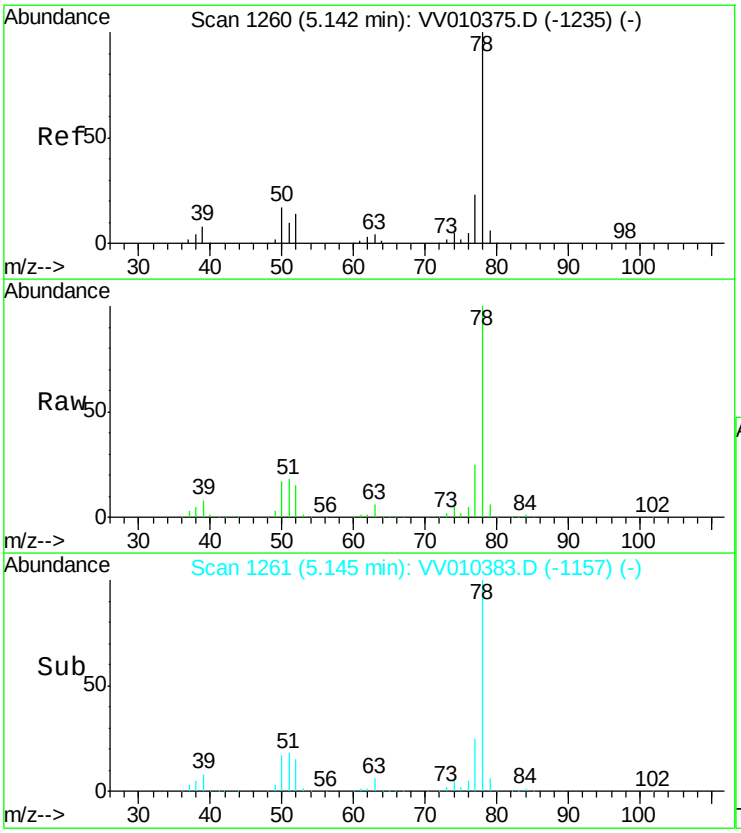
#16
Methylene chloride
Concen: 2.727 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Instrument : MSVOA_V
ClientSampleId : GAHH9MS

Tgt Ion: 84 Resp: 14512

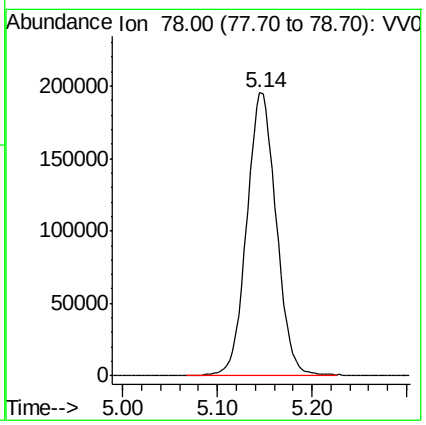
Ion	Ratio	Lower	Upper
84	100		
49	120.3	83.8	155.6
86	63.4	46.1	85.5

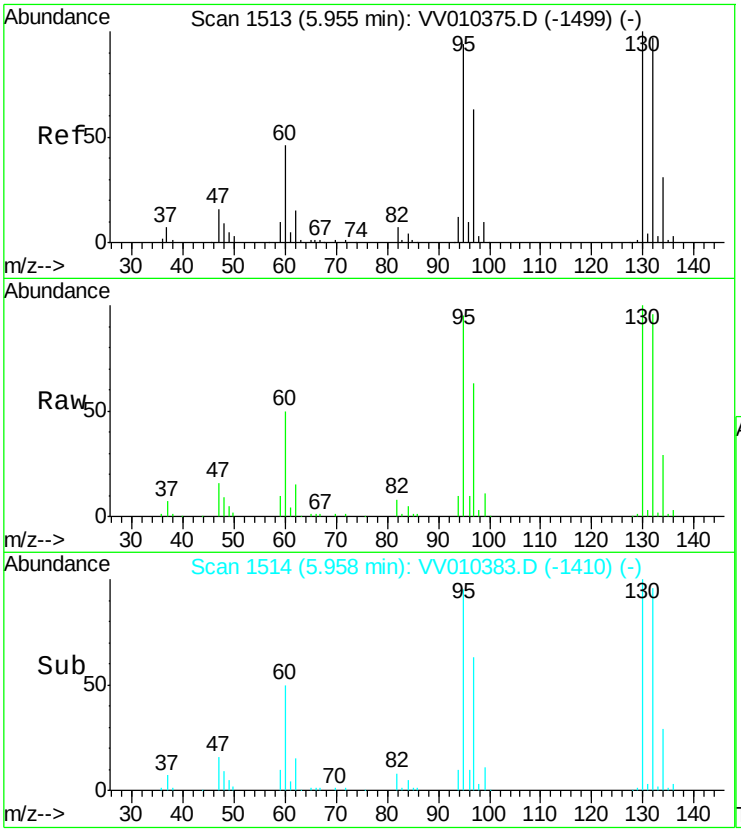




#34
Benzene
Concen: 28.460 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Tgt Ion: 78 Resp: 424241



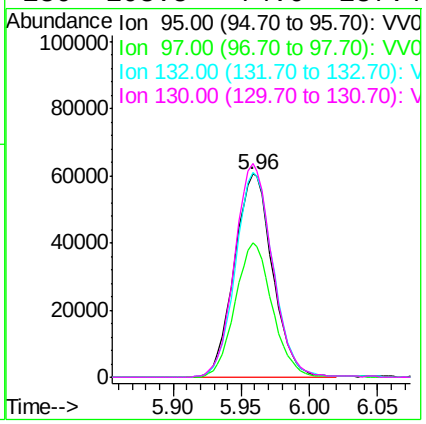


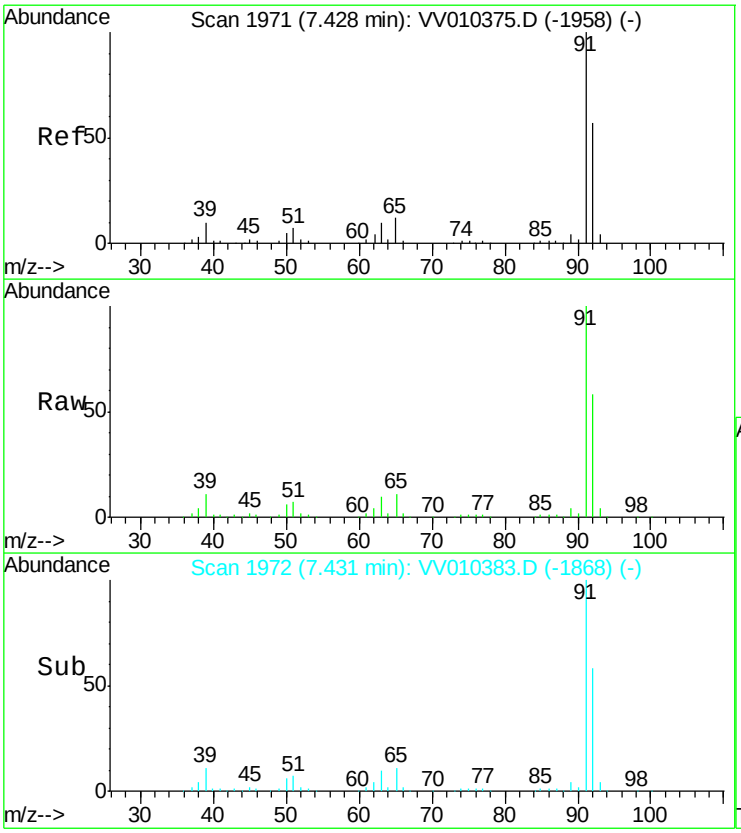
#35
Trichloroethene
Concen: 26.715 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

Tgt Ion: 95 Resp: 117821

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.6	84.8
132	99.3	71.5	132.7
130	103.5	74.0	137.4

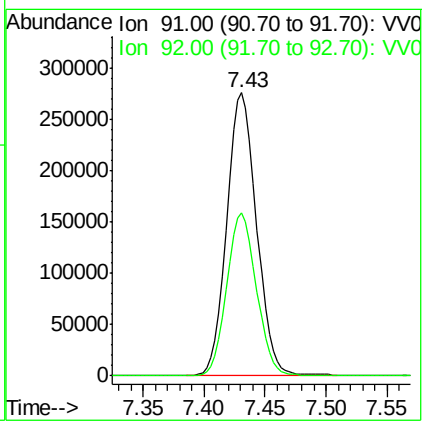


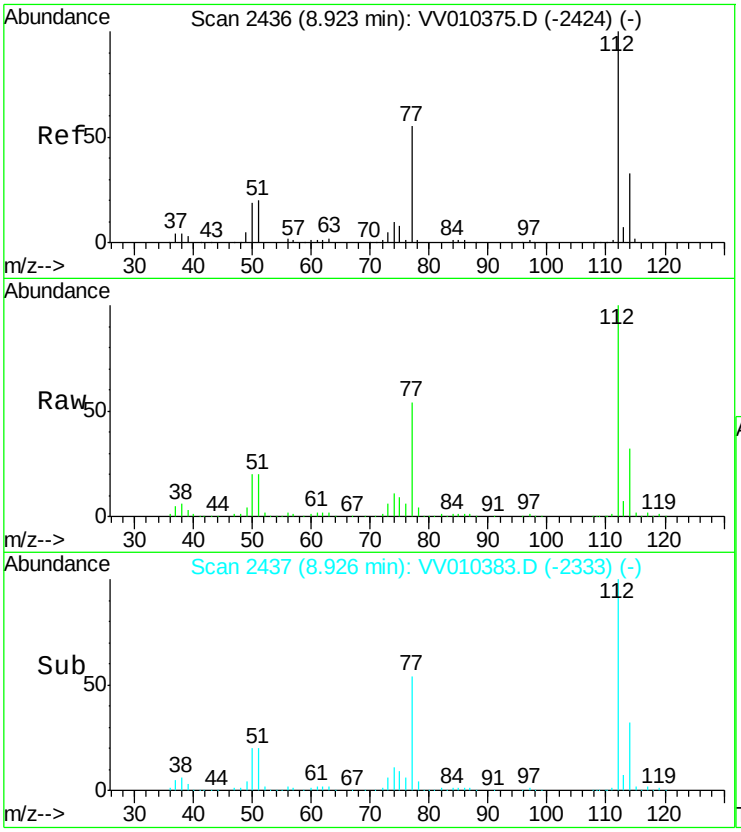


#44
Toluene
Concen: 28.088 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Tgt Ion: 91 Resp: 472012

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.1	74.5



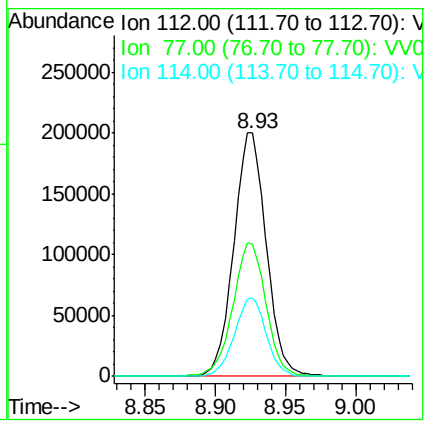


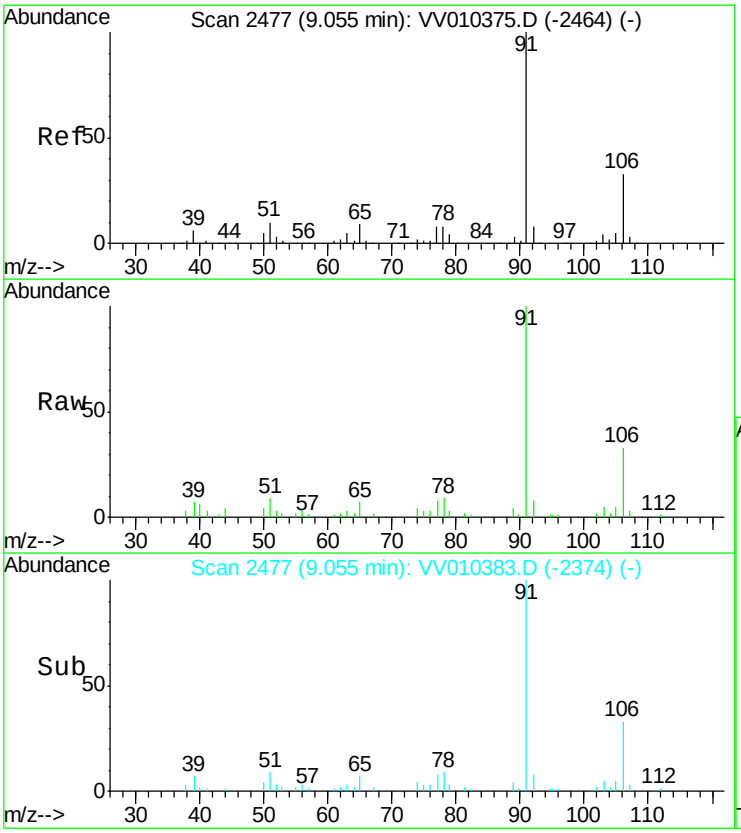
#52
Chlorobenzene
Concen: 27.549 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Instrument : MSVOA_V
ClientSampleId : GAHH9MS

Tgt Ion:112 Resp: 322131

Ion	Ratio	Lower	Upper
112	100		
77	54.3	43.0	64.4
114	32.3	22.5	41.9

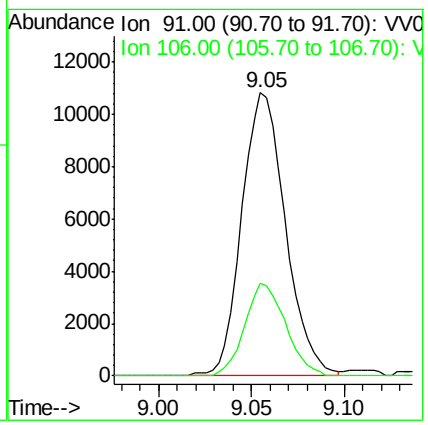


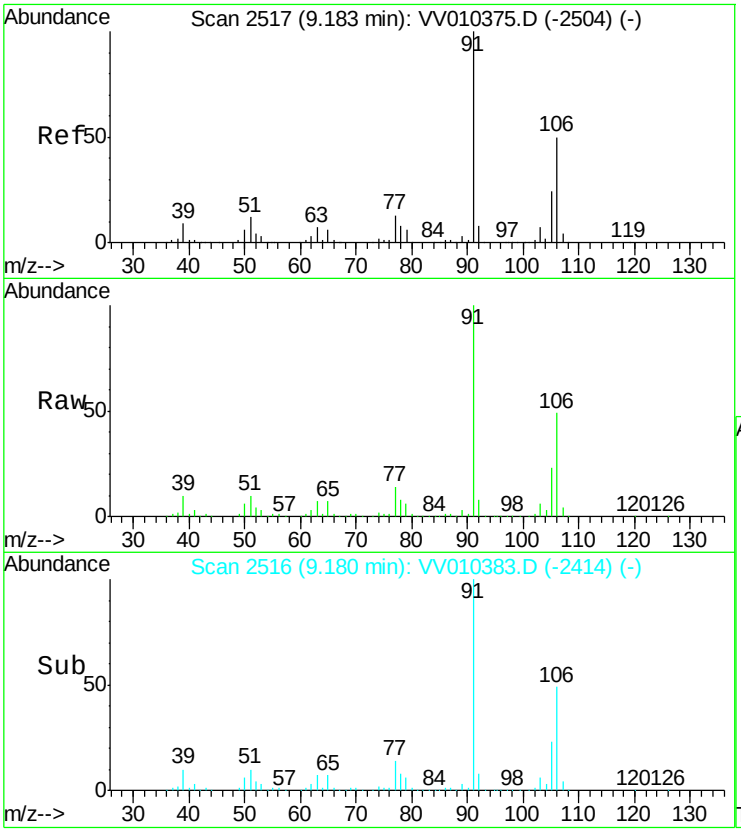


#53
Ethylbenzene
Concen: 0.933 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Tgt Ion: 91 Resp: 17816

Ion	Ratio	Lower	Upper
91	100		
106	32.6	22.5	41.9



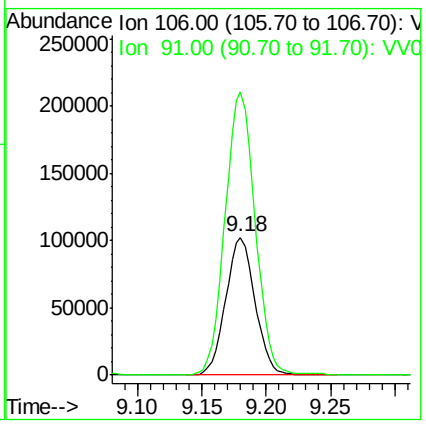


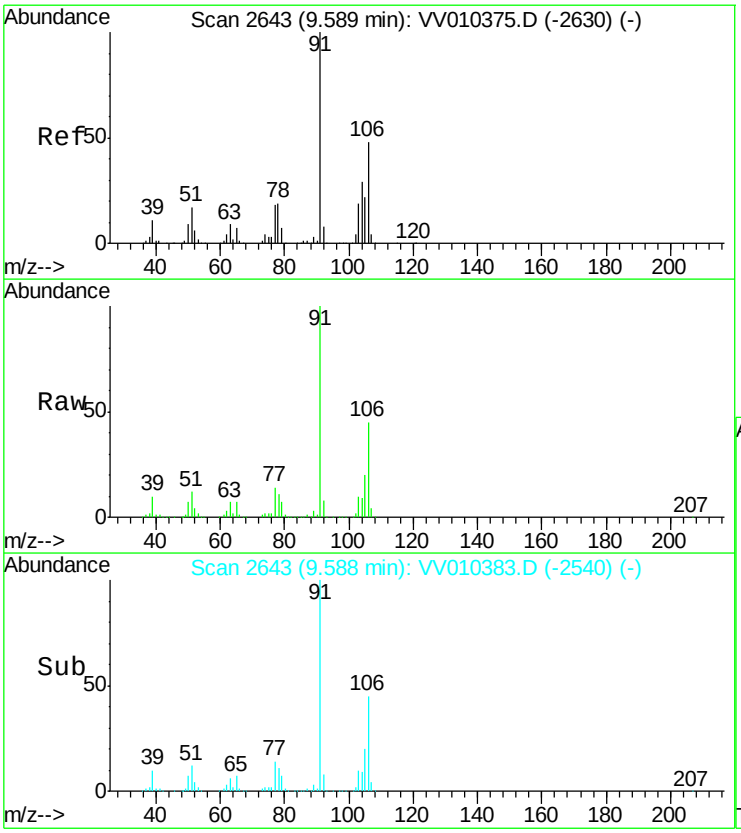
#54
m,p-Xylene
Concen: 21.921 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

Tgt Ion:106 Resp: 162008

Ion	Ratio	Lower	Upper
106	100		
91	205.4	141.6	263.0

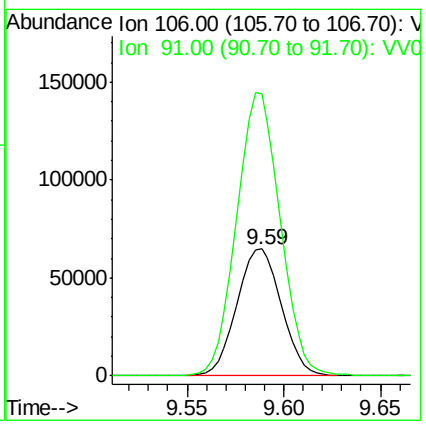


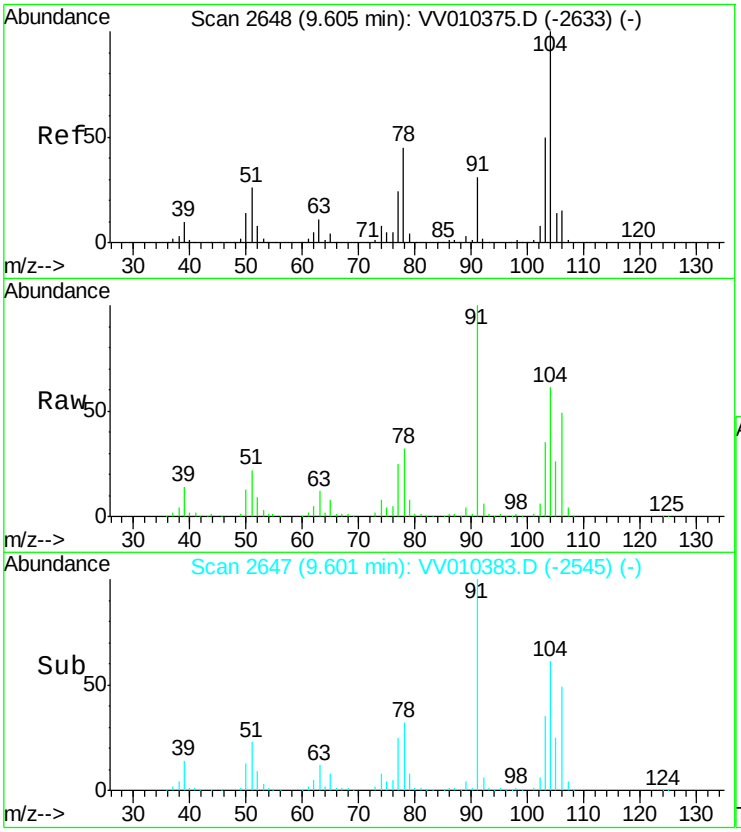


#55
o-xylene
Concen: 14.638 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Tgt Ion:106 Resp: 104334

Ion	Ratio	Lower	Upper
106	100		
91	222.1	150.1	278.9



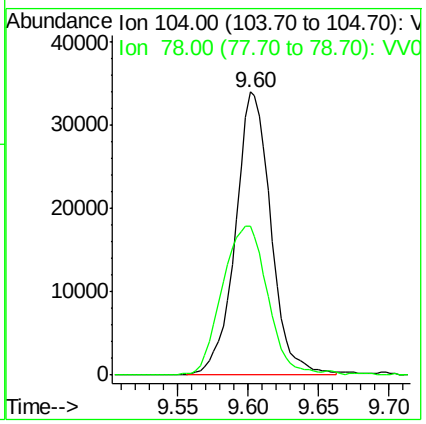


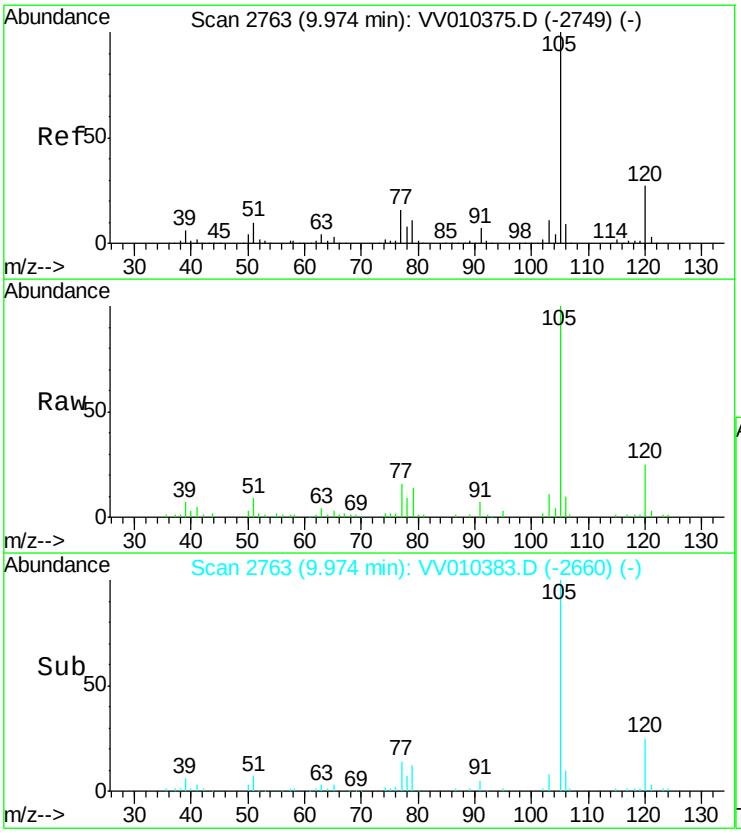
#56
Stvrene
Concen: 4.943 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. -0.00 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

Tgt Ion:104 Resp: 60154

Ion	Ratio	Lower	Upper
104	100		
78	52.5	30.7	56.9





#57
Isopropylbenzene
Concen: 1.817 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. -0.00 min
Lab File: VV010383.D
Acq: 19 Apr 2019 13:02

Tgt Ion:105 Resp: 34507

Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.9	32.9
77	15.7	13.0	19.6