Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112919\

Quantitation Report (Not Reviewed)

Data File : VV013857.D
Acq On : 29 Nov 2019 18:29
Operator : SY/MD
Sample : K6028-02MS
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA0MS

Quant Time: Nov 29 22:39:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	701866	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	643378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	302056	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	192671	46.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.76%			
7) Chloroethane-d5	1.58	69	172867	51.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.34%			
11) 1,1-Dichloroethene-d2	2.13	63	369240	51.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.74%			
21) 2-Butanone-d5	3.92	46	319558	105.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.16%			
24) Chloroform-d	4.40	84	407451	45.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.34%			
26) 1,2-Dichloroethane-d4	5.08	65	267427	45.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.86%			
32) Benzene-d6	5.09	84	833106	48.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.10%			
36) 1,2-Dichloropropane-d6	6.11	67	250648	45.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.06%			
41) Toluene-d8	7.36	98	728288	46.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.26%			
43) trans-1,3-Dichloropropene-	7.66	79	113858	44.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.02%			
47) 2-Hexanone-d5	8.13	63	222414	110.14	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.14%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	354239	50.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.30%			
64) 1,2-Dichlorobenzene-d4	11.67	152	314843	52.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.58%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3547	0.915	ug/L #	22
12) 1,1-Dichloroethene	2.14	96	197957	53.503	ug/L	88
13) Acetone	2.18	43	2889	1.019	ug/L	84
27) 1,2-Dichloroethane	5.14	62	8423	1.216	ug/L #	72
33) Benzene	5.14	78	955620	52.311	ug/L	100
34) Trichloroethene	5.95	95	236376	48.692	ug/L	94
42) Toluene	7.43	91	985399	51.762	ug/L	99
51) Chlorobenzene	8.92	112	645080	50.982	ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	29677	5.242	ug/L	90

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

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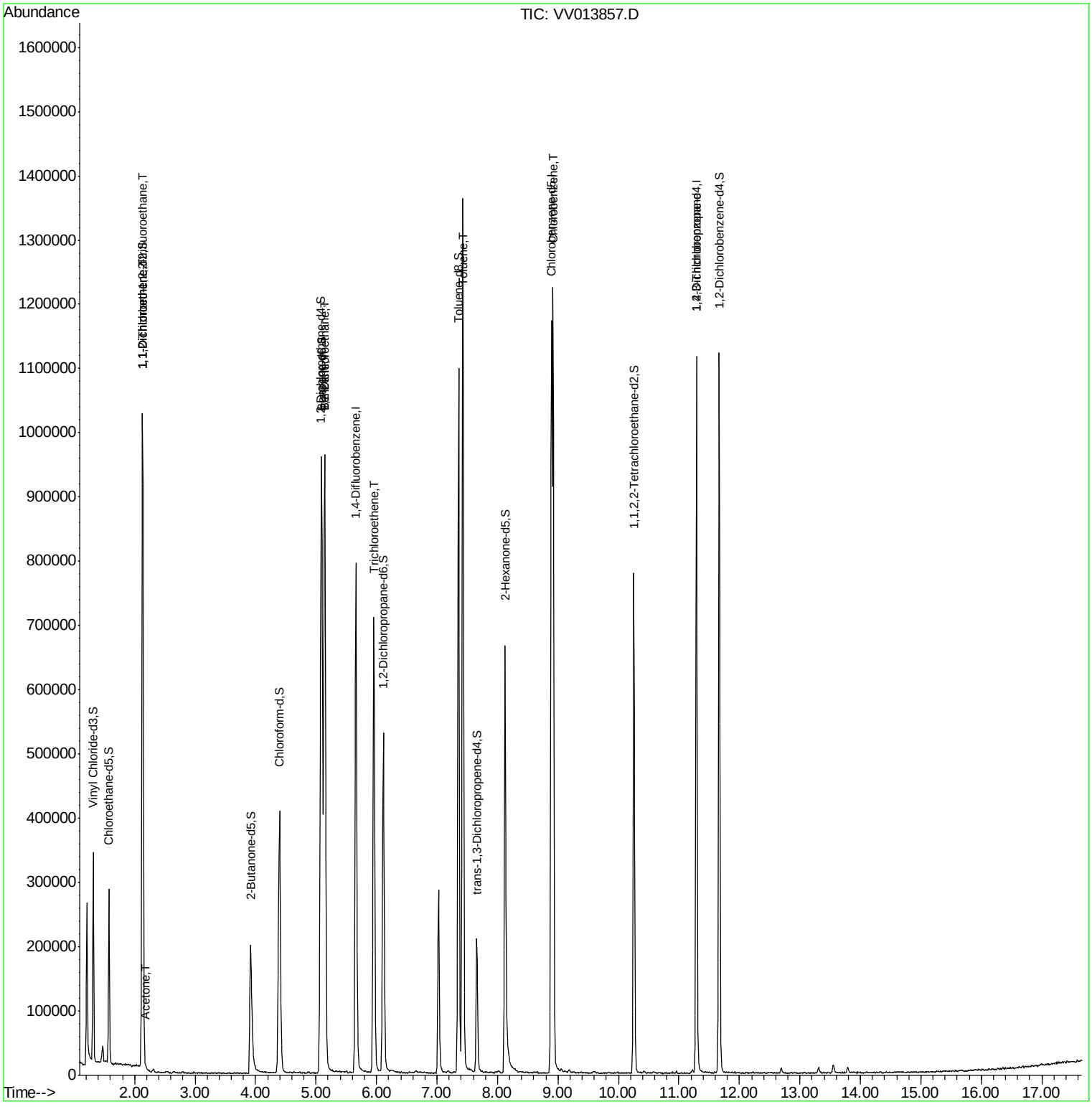
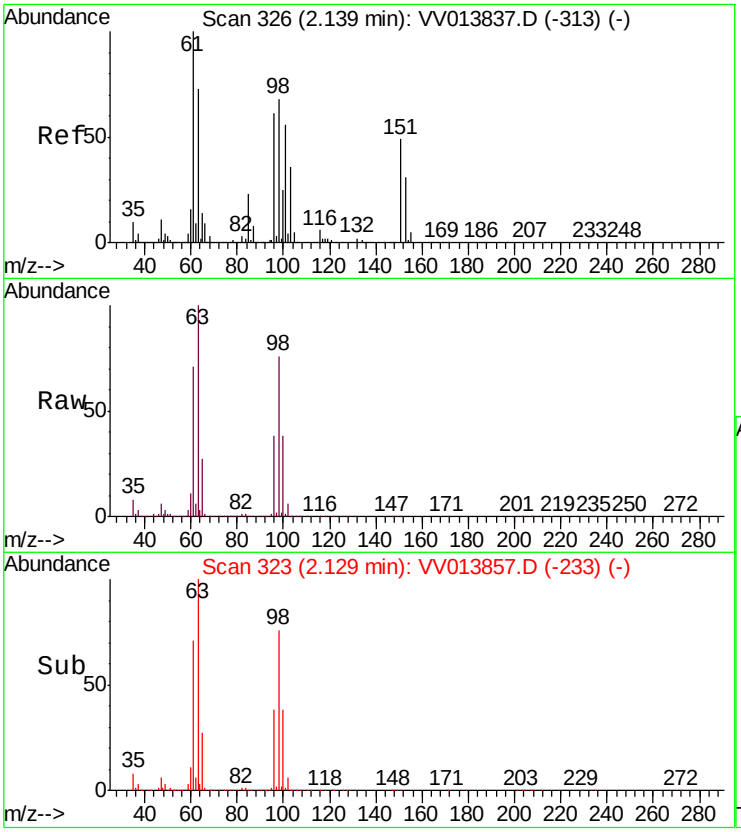
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration



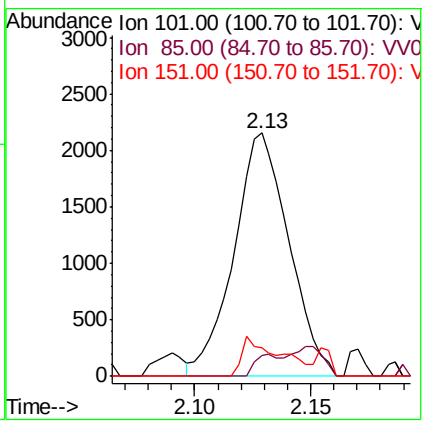


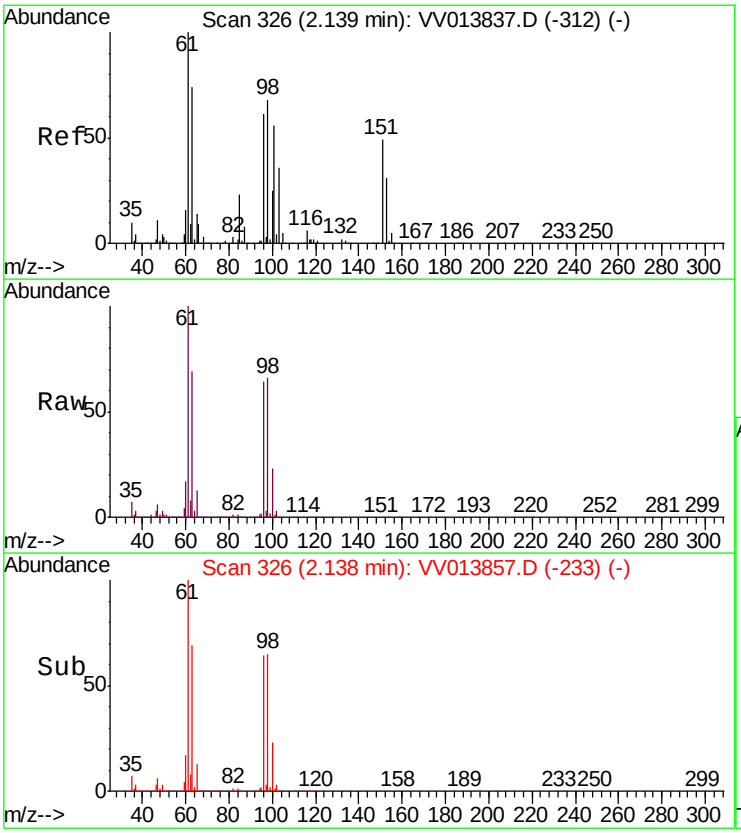
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.915 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013857.D
Acq: 29 Nov 2019 18:29

Instrument : MSVOA_V
ClientSampleId : H0AA0MS

Tgt Ion:101 Resp: 3547

Ion	Ratio	Lower	Upper
101	100		
85	3.6	33.3	49.9#
151	7.4	69.5	104.3#

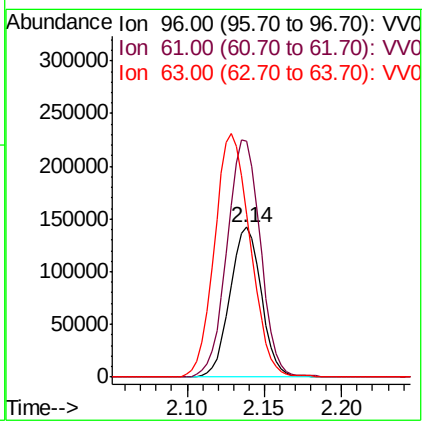


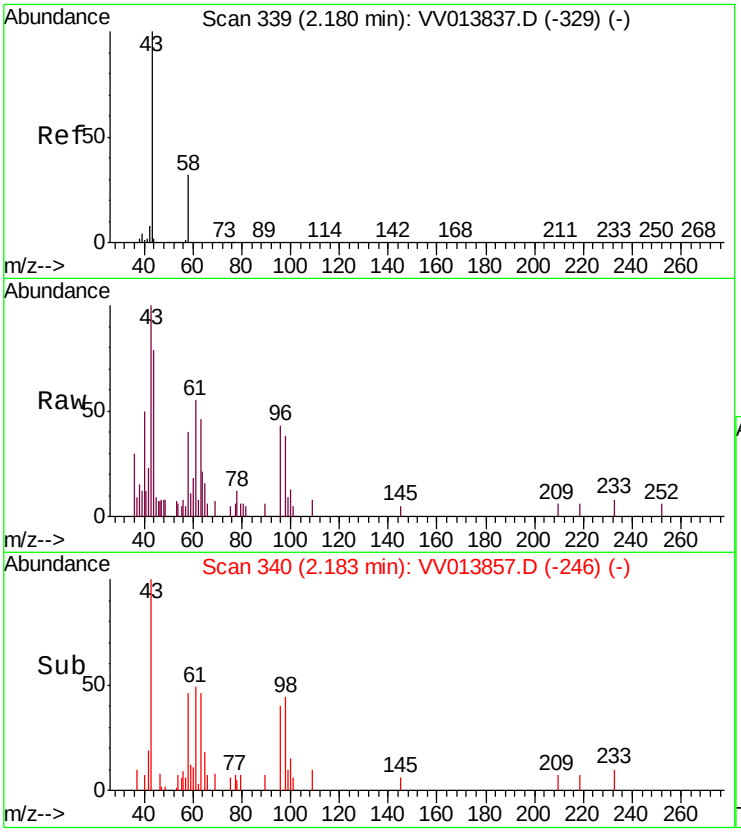


#12
1,1-Dichloroethene
Concen: 53.503 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV013857.D
Acq: 29 Nov 2019 18:29

Tgt Ion: 96 Resp: 197957

Ion	Ratio	Lower	Upper
96	100		
61	157.3	116.9	217.1
63	108.9	91.5	169.9



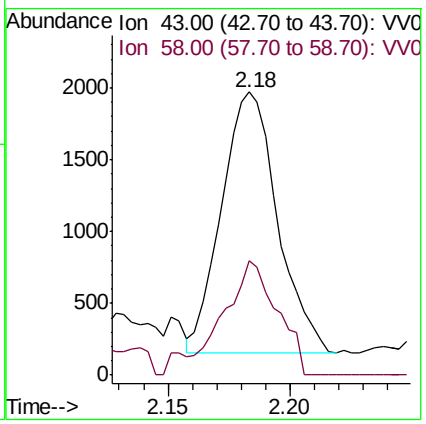


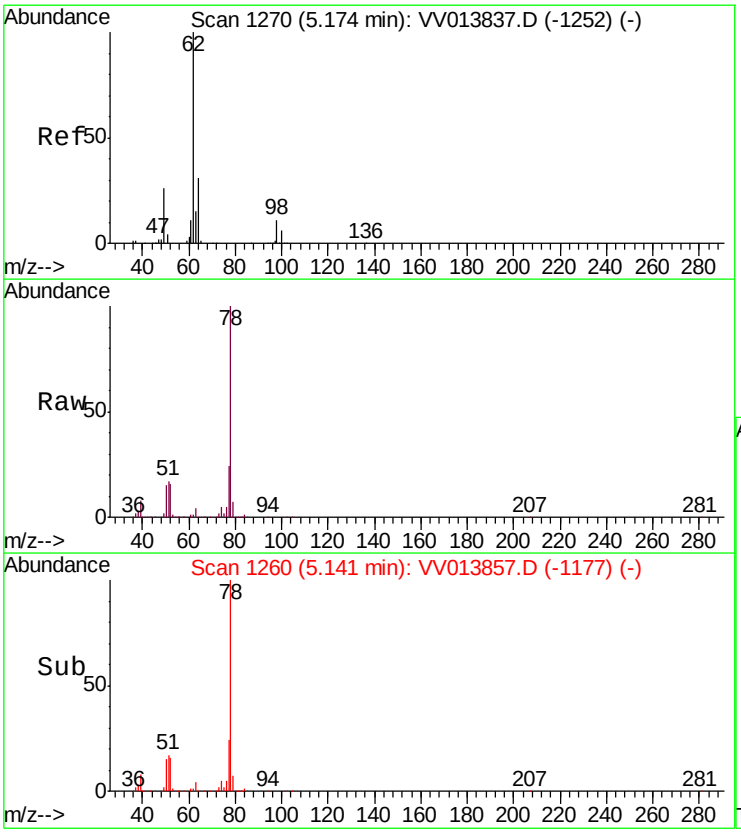
#13
Acetone
Concen: 1.019 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV013857.D
Acq: 29 Nov 2019 18:29

Instrument :
MSVOA_V
ClientSampleId :
H0AA0MS

Tgt Ion: 43 Resp: 2889

Ion	Ratio	Lower	Upper
43	100		
58	41.6	0.0	65.2

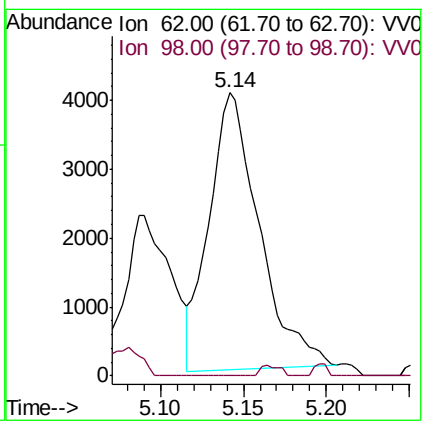


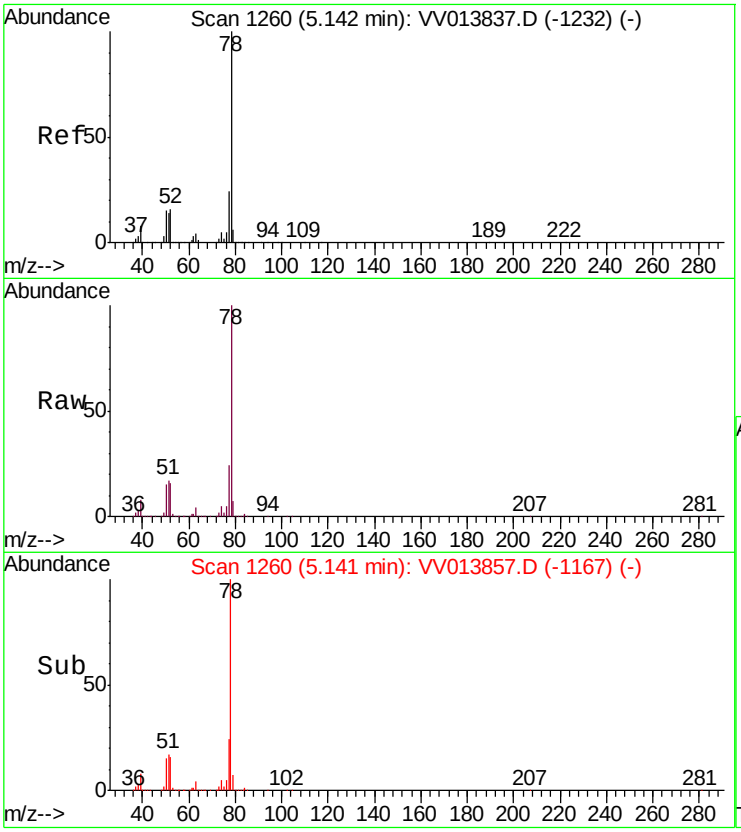


#27
1,2-Dichloroethane
Concen: 1.216 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.03 min
Lab File: VV013857.D
Acq: 29 Nov 2019 18:29

Tgt Ion: 62 Resp: 8423

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.4#

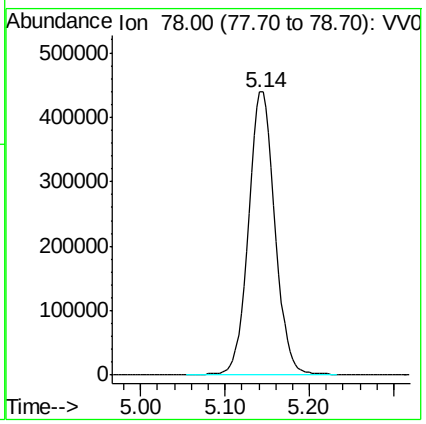


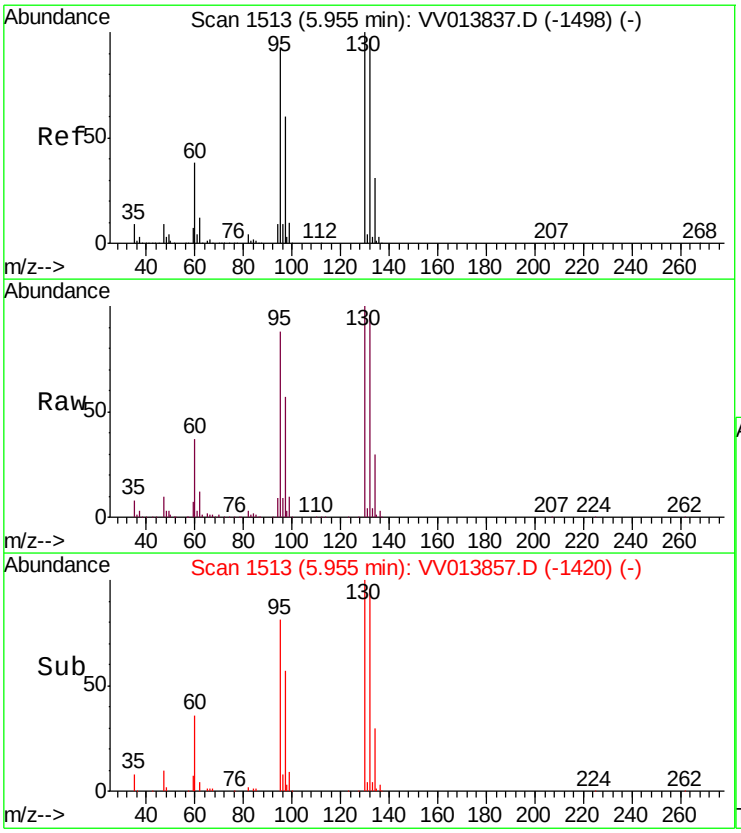


#33
Benzene
Concen: 52.311 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VV013857.D
Acq: 29 Nov 2019 18:29

Instrument :
MSVOA_V
ClientSampleId :
H0AA0MS

Tgt Ion: 78 Resp: 955620

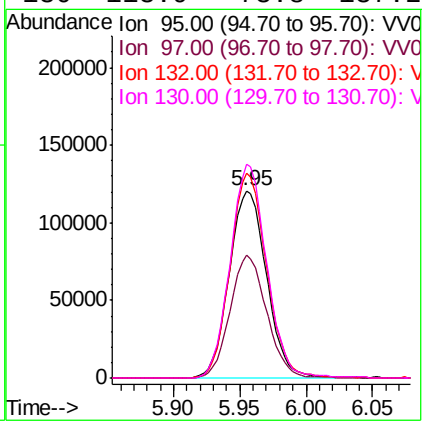


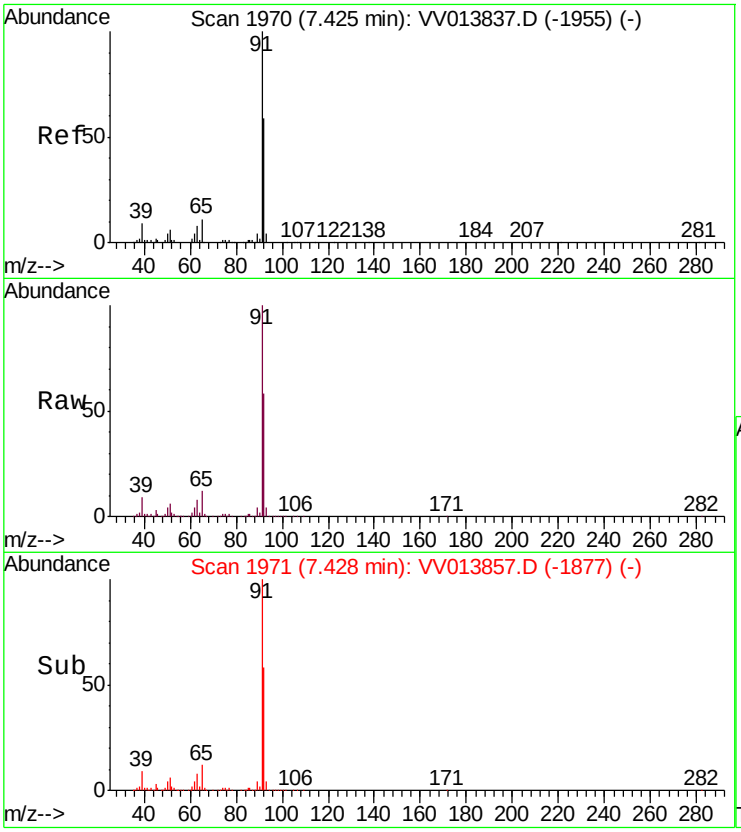


#34
Trichloroethene
Concen: 48.692 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV013857.D
Acq: 29 Nov 2019 18:29

Tgt Ion: 95 Resp: 236376

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.1	83.7
132	109.5	71.7	133.1
130	113.9	73.8	137.2



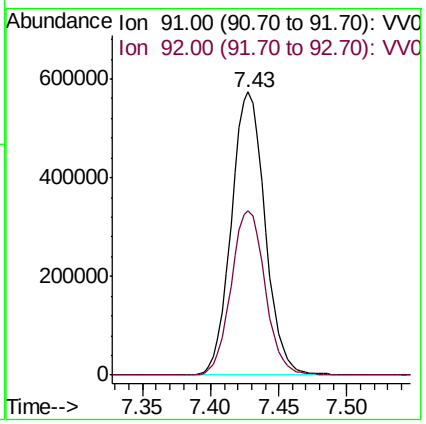


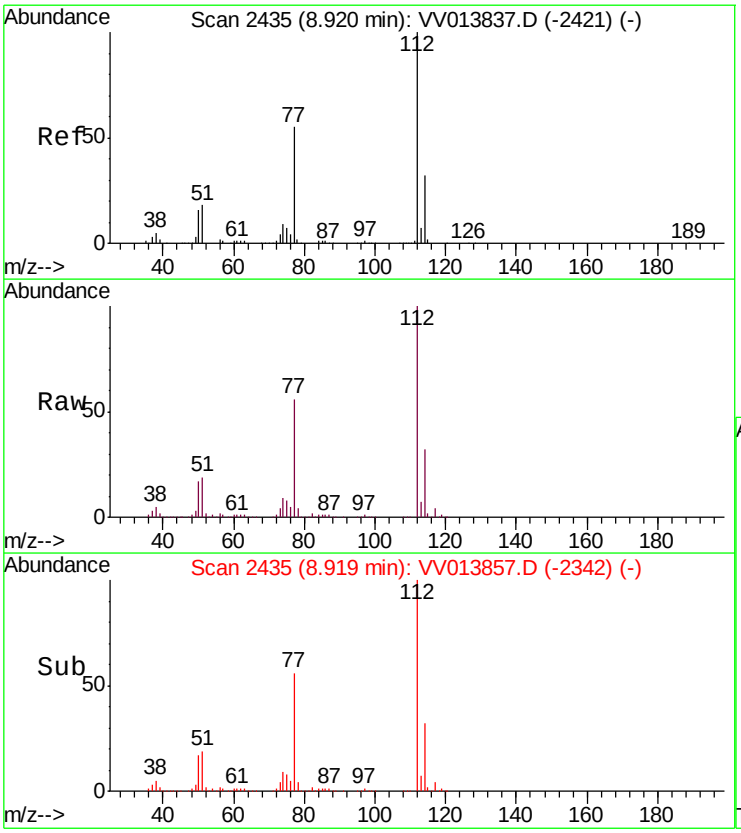
#42
Toluene
Concen: 51.762 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013857.D
Acq: 29 Nov 2019 18:29

Instrument :
MSVOA_V
ClientSampleId :
H0AA0MS

Tgt Ion: 91 Resp: 985399

Ion	Ratio	Lower	Upper
91	100		
92	58.3	41.3	76.7

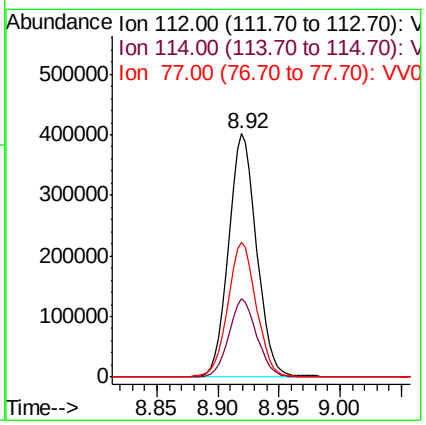


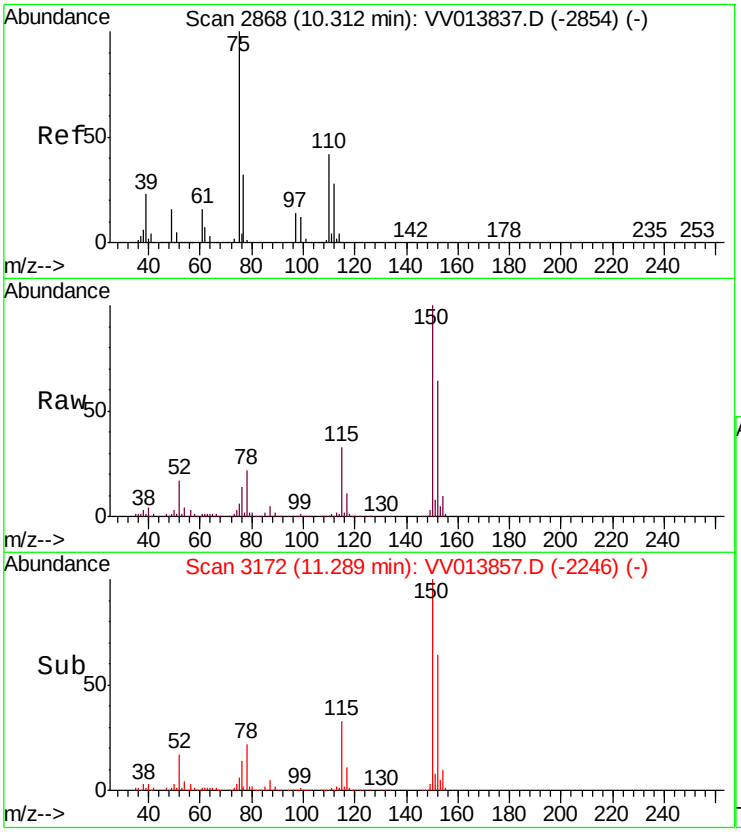


#51
Chlorobenzene
Concen: 50.982 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV013857.D
Acq: 29 Nov 2019 18:29

Tgt Ion:112 Resp: 645080

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.8	42.4
77	55.6	46.7	70.1





#59
1,2,3-Trichloropropane
Concen: 5.242 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV013857.D
Acq: 29 Nov 2019 18:29

Instrument :
MSVOA_V
ClientSampleId :
H0AA0MS

Tgt Ion: 75 Resp: 29677

Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.4	38.2