Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\

Quantitation Report (Not Reviewed)

Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Time: May 09 02:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	18920	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	16706	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	6248	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	8904	30.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.16%			
7) Chloroethane-d5	1.58	69	8530	35.27	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 141.08%			
10) 1,1-Dichloroethene-d2	2.13	63	14221	22.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.24%			
20) 2-Butanone-d5	3.94	46	4395	49.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.66%			
24) Chloroform-d	4.40	84	13815	26.78	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.12%			
26) 1,2-Dichloroethane-d4	5.08	65	8915	27.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.68%			
29) Benzene-d6	5.10	84	26288	29.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 119.60%			
33) 1,2-Dichloropropane-d6	6.12	67	8315	29.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 118.72%			
37) Toluene-d8	7.36	98	22038	26.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.68%			
38) trans-1,3-Dichloropropene-	7.67	79	2825	22.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.48%			
39) 2-Hexanone-d5	8.14	63	2603	44.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.80%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	6288	23.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.52%			
61) 1,2-Dichlorobenzene-d4	11.67	152	6783	28.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 112.12%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1531	11.212	ug/L	82
16) Methylene chloride	2.53	84	3583	12.248	ug/L	91
35) Trichloroethene	5.66	95	341	1.241	ug/L #	7
36) Methylcyclohexane	6.11	83	2087	4.740	ug/L #	17
40) 1,2-Dichloropropane	6.12	63	940	3.603	ug/L #	87
44) Toluene	7.44	91	955	0.857	ug/L #	66
56) Styrene	9.60	104	3025	3.737	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.52	75	5581	142.384	ug/L #	7
68) 1,2,4-trichlorobenzene	13.31	180	487	2.009	ug/L #	1
69) Naphthalene	13.56	128	9402698	18121.643	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	757	3.329	ug/L #	52

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

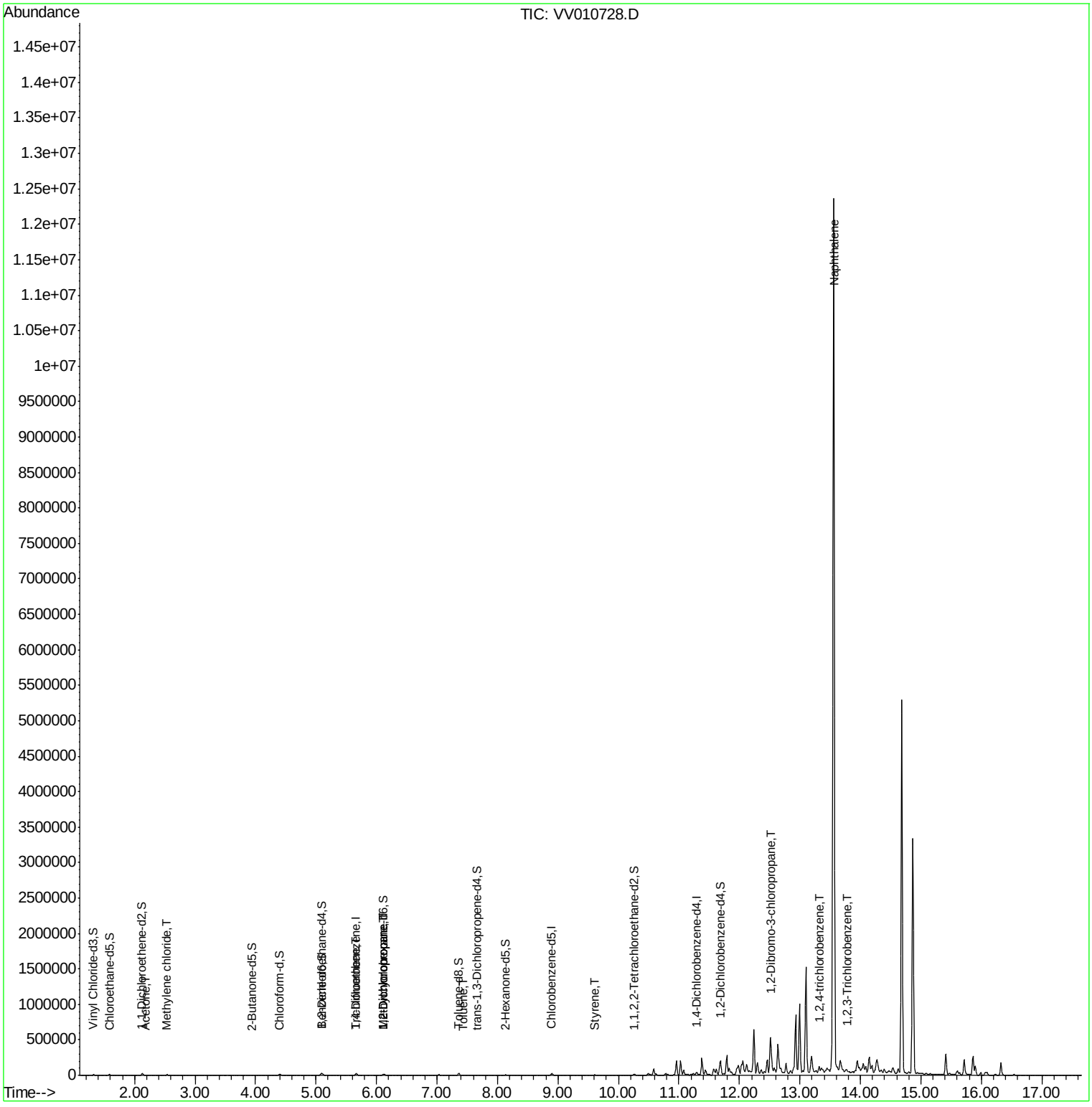
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\

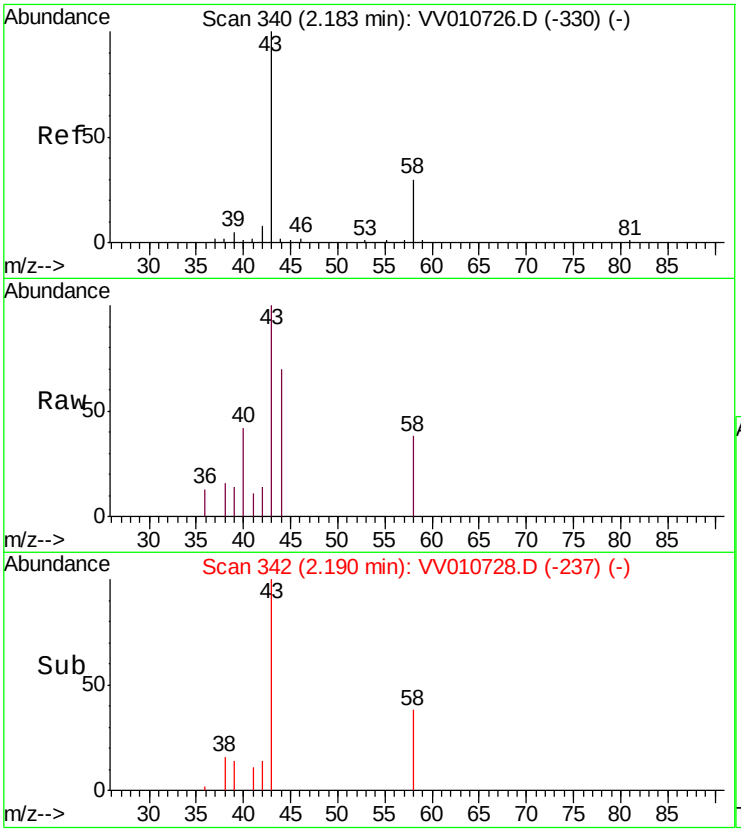
Quantitation Report (Not Reviewed)

Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Time: May 09 02:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration



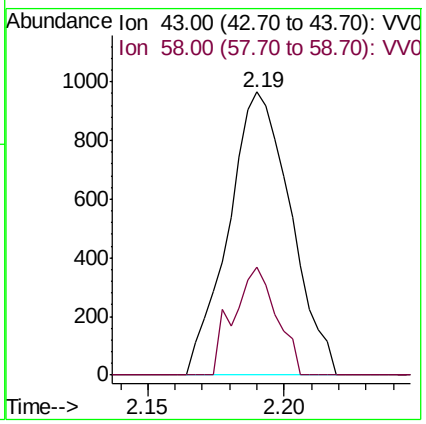


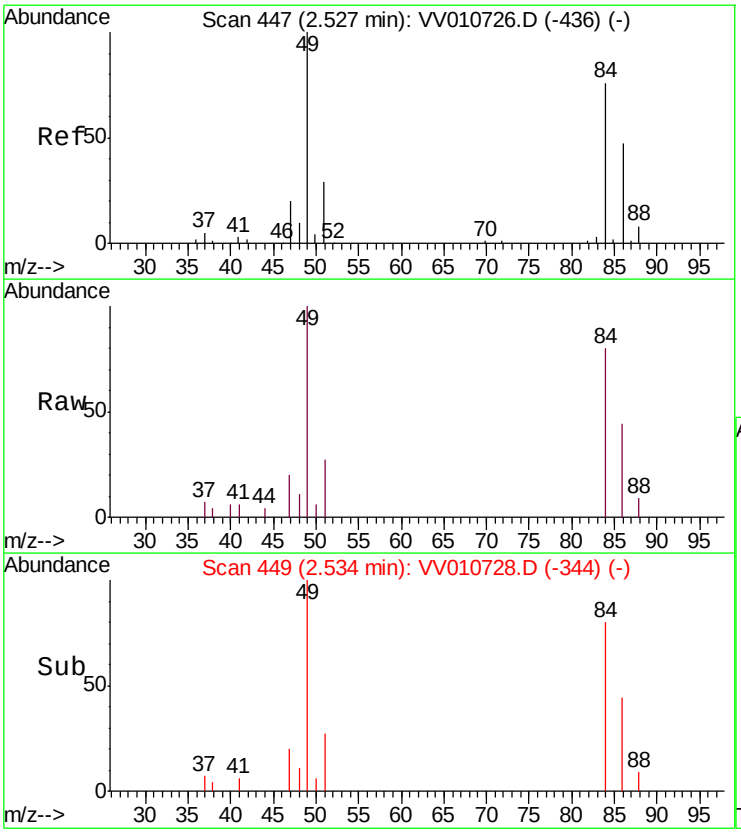
#13
Acetone
Concen: 11.212 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Instrument : MSVOA_V
ClientSampleId : GAJA2

Tgt Ion: 43 Resp: 1531

Ion	Ratio	Lower	Upper
43	100		
58	21.6	0.0	63.4

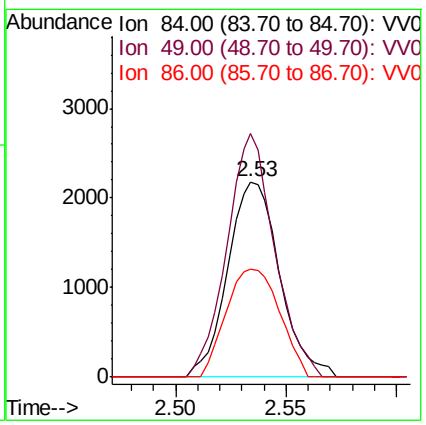


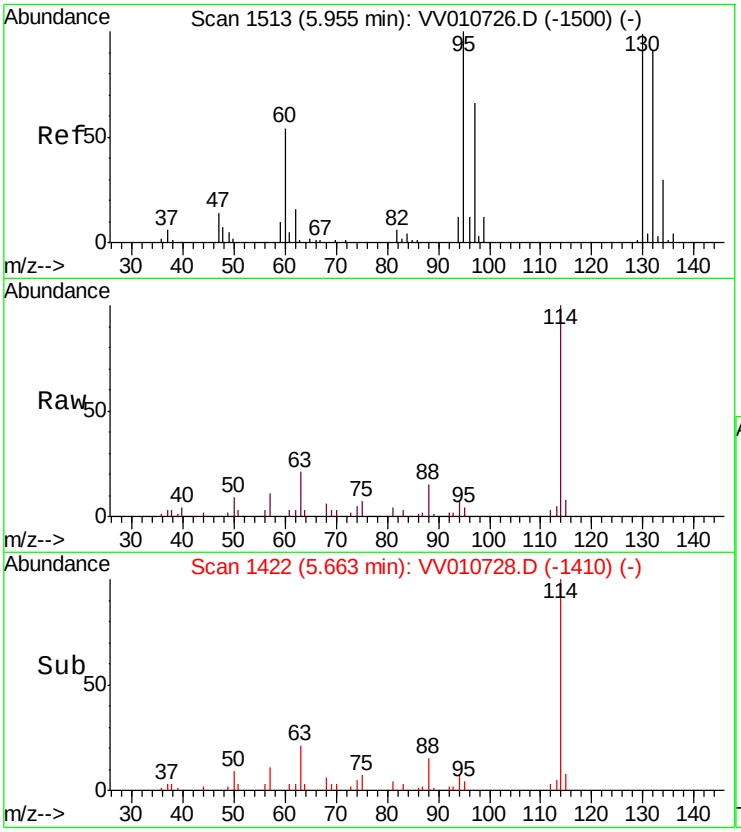


#16
Methylene chloride
Concen: 12.248 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Tgt Ion: 84 Resp: 3583

Ion	Ratio	Lower	Upper
84	100		
49	124.6	92.9	172.5
86	55.2	46.5	86.5



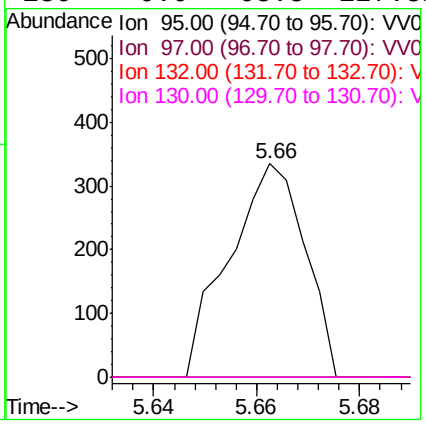


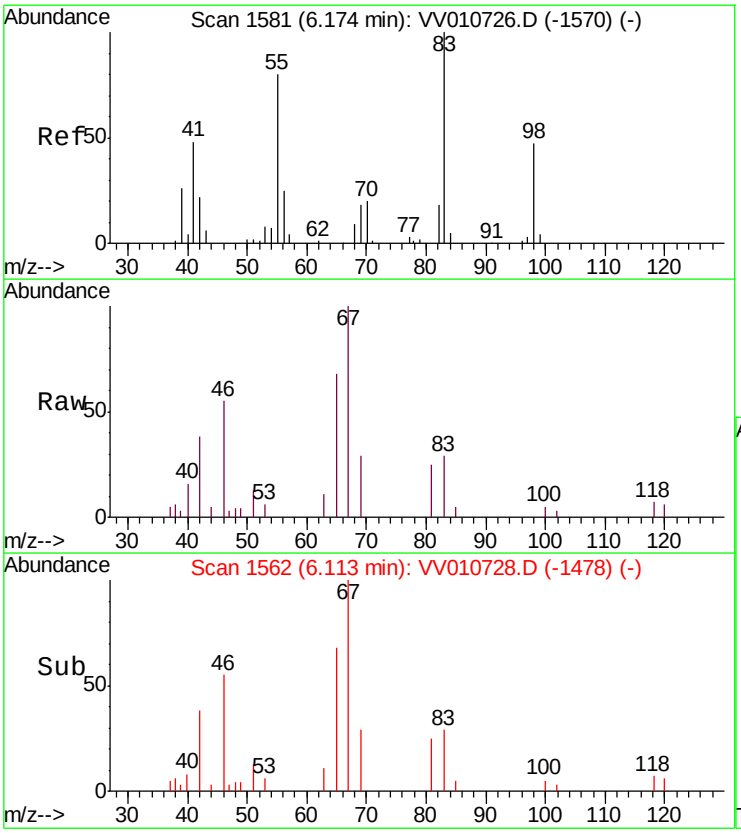
#35
Trichloroethene
Concen: 1.241 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Instrument : MSVOA_V
ClientSampleId : GAJA2

Tgt Ion: 95 Resp: 341

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	62.4	115.8#
130	0.0	68.5	127.3#

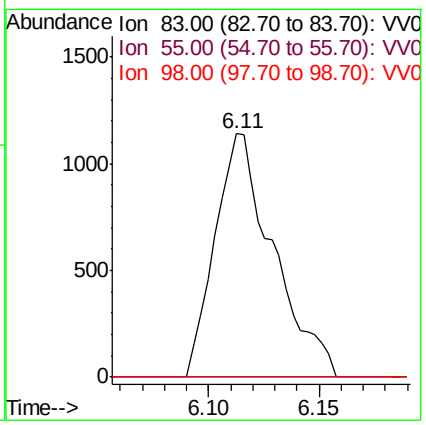


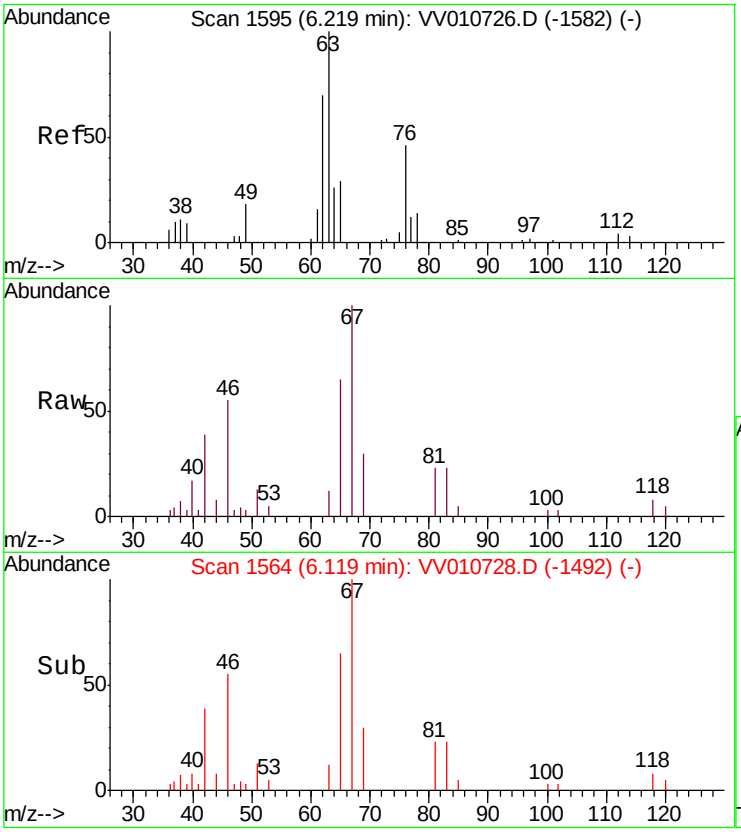


#36
Methylcyclohexane
Concen: 4.740 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Tgt Ion: 83 Resp: 2087

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	96.8#
98	0.0	37.7	56.5#



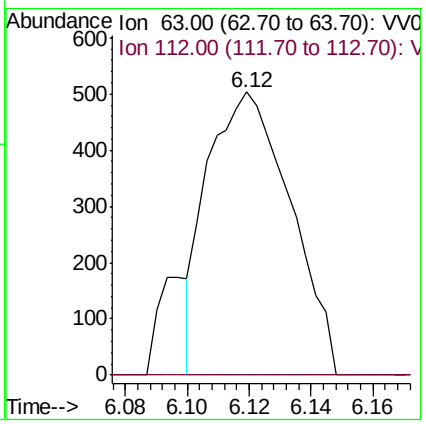


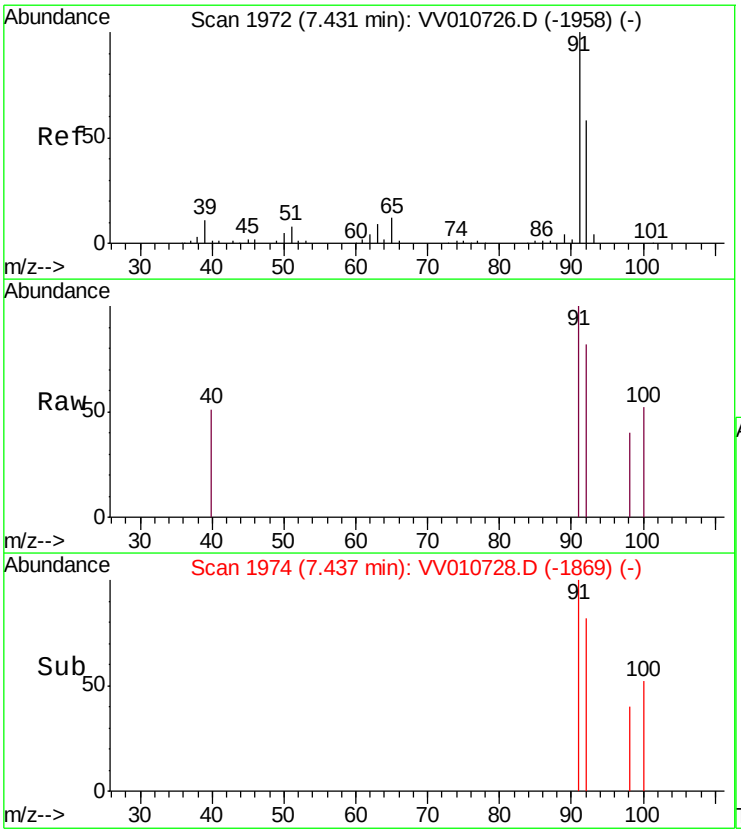
#40
1,2-Dichloropropane
Concen: 3.603 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Instrument : MSVOA_V
ClientSampleId : GAJA2

Tgt Ion: 63 Resp: 940

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

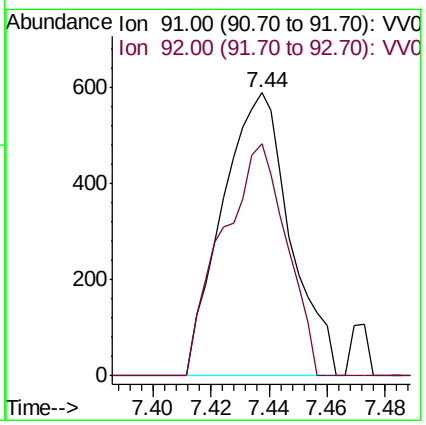


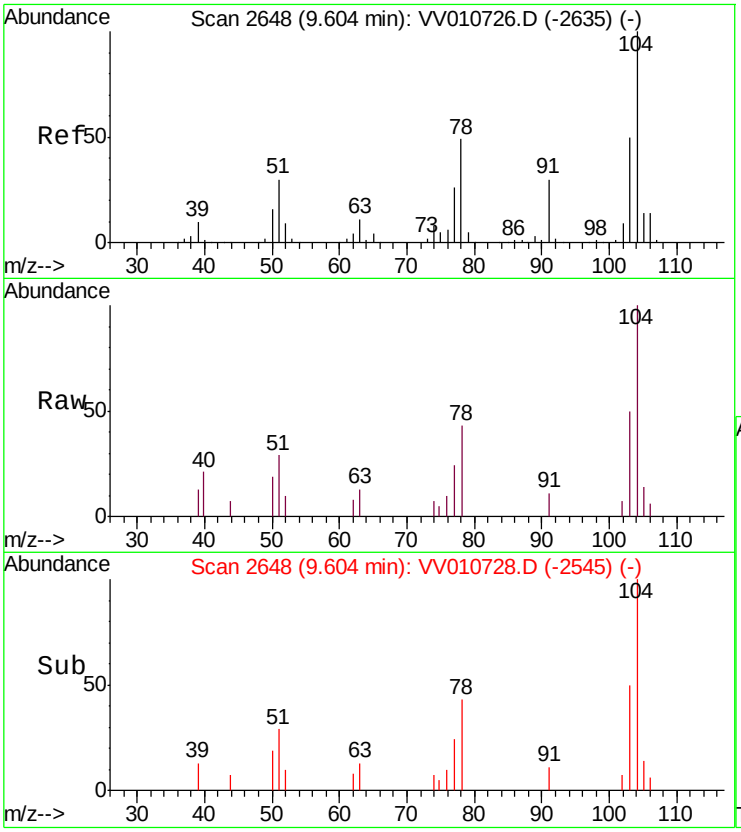


#44
Toluene
Concen: 0.857 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Tgt Ion: 91 Resp: 955

Ion	Ratio	Lower	Upper
91	100		
92	82.1	40.1	74.5#



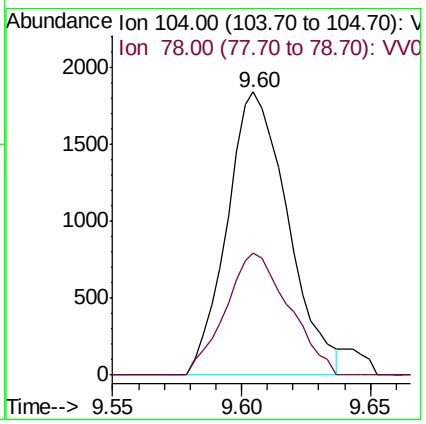


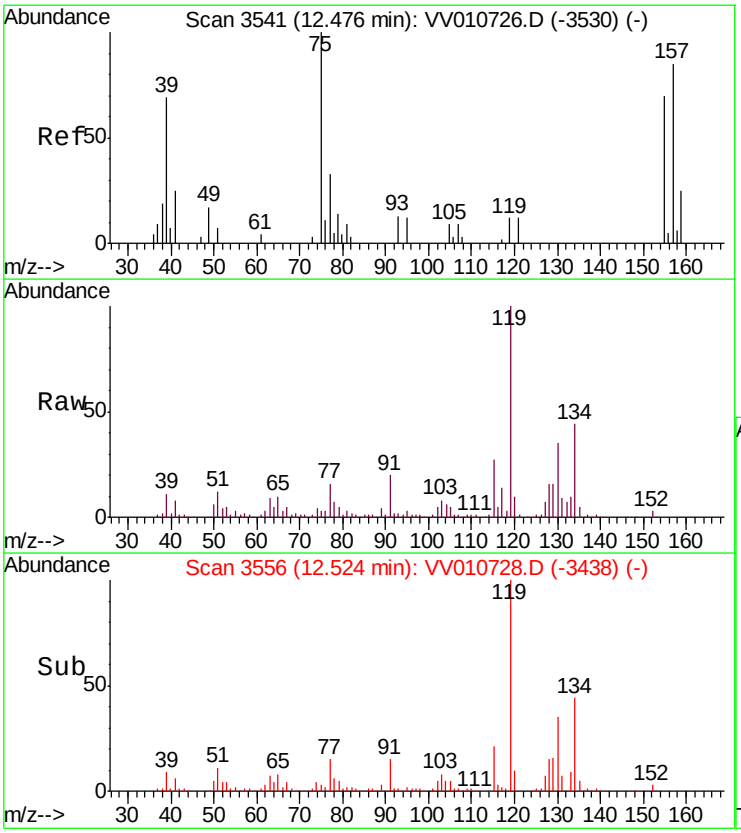
#56
Styrene
Concen: 3.737 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Instrument : MSVOA_V
ClientSampleId : GAJA2

Tgt Ion:104 Resp: 3025

Ion	Ratio	Lower	Upper
104	100		
78	43.3	32.2	59.8

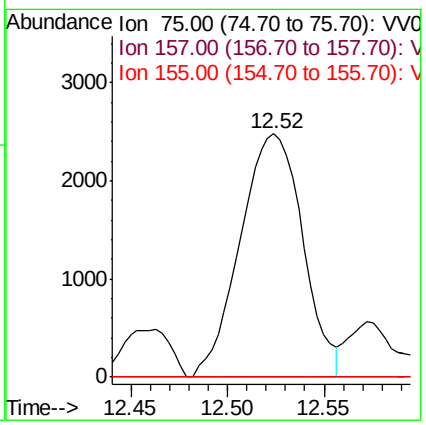


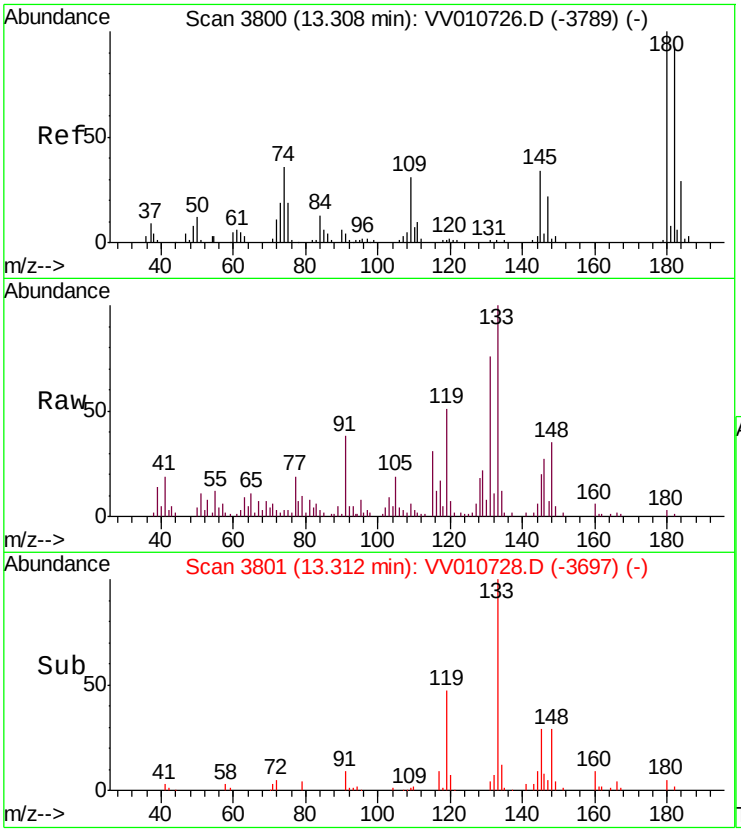


#66
1,2-Dibromo-3-chloropropane
Concen: 142.384 ug/L
RT: 12.52 min Scan# 3556
Delta R.T. 0.05 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Tgt Ion: 75 Resp: 5581

Ion	Ratio	Lower	Upper
75	100		
157	0.0	76.9	115.3#
155	0.0	57.9	86.9#



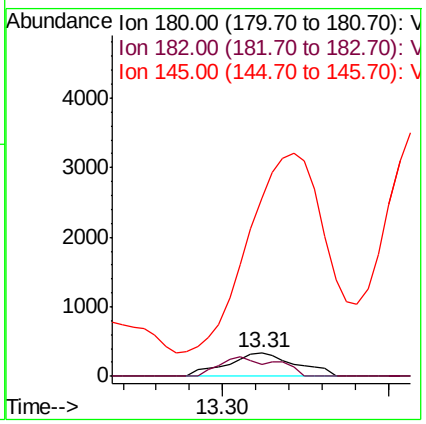


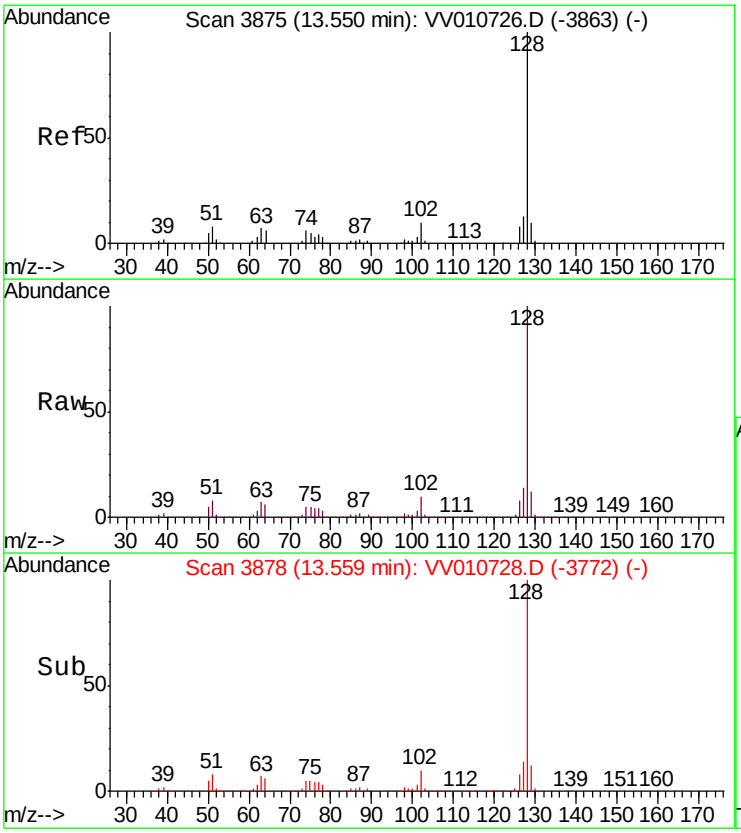
#68
1,2,4-trichlorobenzene
Concen: 2.009 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Instrument :
MSVOA_V
ClientSampleId :
GAJA2

Tgt Ion:180 Resp: 487

Ion	Ratio	Lower	Upper
180	100		
182	21.6	77.1	115.7#
145	958.9	28.3	42.5#

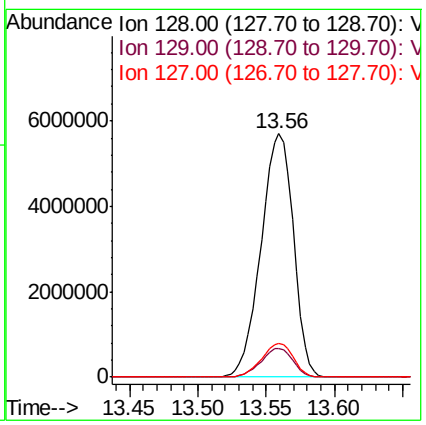


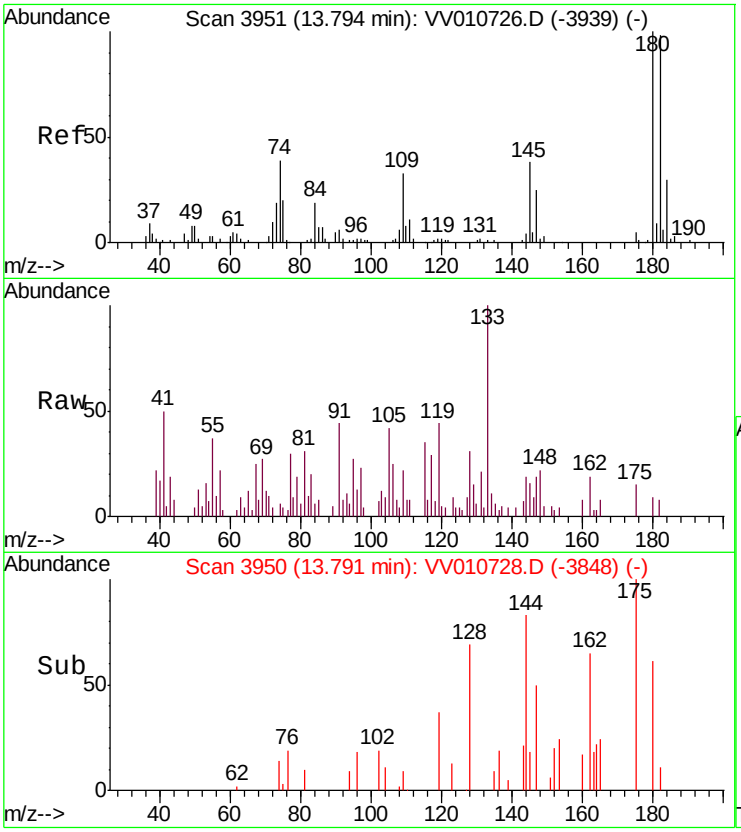


#69
Naphthalene
Concen: 18121.643 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Tgt Ion:128 Resp: 9402698

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.3	12.5
127	13.7	10.8	16.2





#70
1,2,3-Trichlorobenzene
Concen: 3.329 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. -0.00 min
Lab File: VV010728.D
Acq: 08 May 2019 15:09

Instrument :
MSVOA_V
ClientSampleId :
GAJA2

Tgt Ion:180 Resp: 757

Ion	Ratio	Lower	Upper
180	100		
182	51.1	74.3	111.5#
145	0.0	28.5	42.7#