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

Quantitation Report (Not Reviewed)

Data File : VV010735.D
Acq On : 08 May 2019 19:20
Operator : SY/MD
Sample : K2633-17RE
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA9

Quant Time: May 09 02:59:37 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	94018	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97047	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40979	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31966	21.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.52%			
7) Chloroethane-d5	1.58	69	28634	23.82	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.28%			
10) 1,1-Dichloroethene-d2	2.13	63	52096	16.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.76%			
20) 2-Butanone-d5	3.94	46	16073	36.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.34%			
24) Chloroform-d	4.40	84	61970	24.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.72%			
26) 1,2-Dichloroethane-d4	5.08	65	38249	23.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%			
29) Benzene-d6	5.10	84	120336	23.56	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.24%			
33) 1,2-Dichloropropane-d6	6.12	67	40117	24.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.60%			
37) Toluene-d8	7.36	98	115025	23.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.04%			
38) trans-1,3-Dichloropropene-	7.66	79	15022	20.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.96%			
39) 2-Hexanone-d5	8.13	63	12333	36.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.42%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30327	19.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.32%			
61) 1,2-Dichlorobenzene-d4	11.67	152	38281	24.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.48%			

Target Compounds						Qvalue
13) Acetone	2.19	43	1187	1.749	ug/L	99
16) Methylene chloride	2.53	84	10556	7.261	ug/L	90
25) Chloroform	4.43	83	2942	1.034	ug/L #	69
35) Trichloroethene	5.66	95	2924	1.832	ug/L #	7
40) 1,2-Dichloropropane	6.12	63	5084	3.355	ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	5475	4.301	ug/L #	85
69) Naphthalene	13.55	128	4020	1.181	ug/L	96

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

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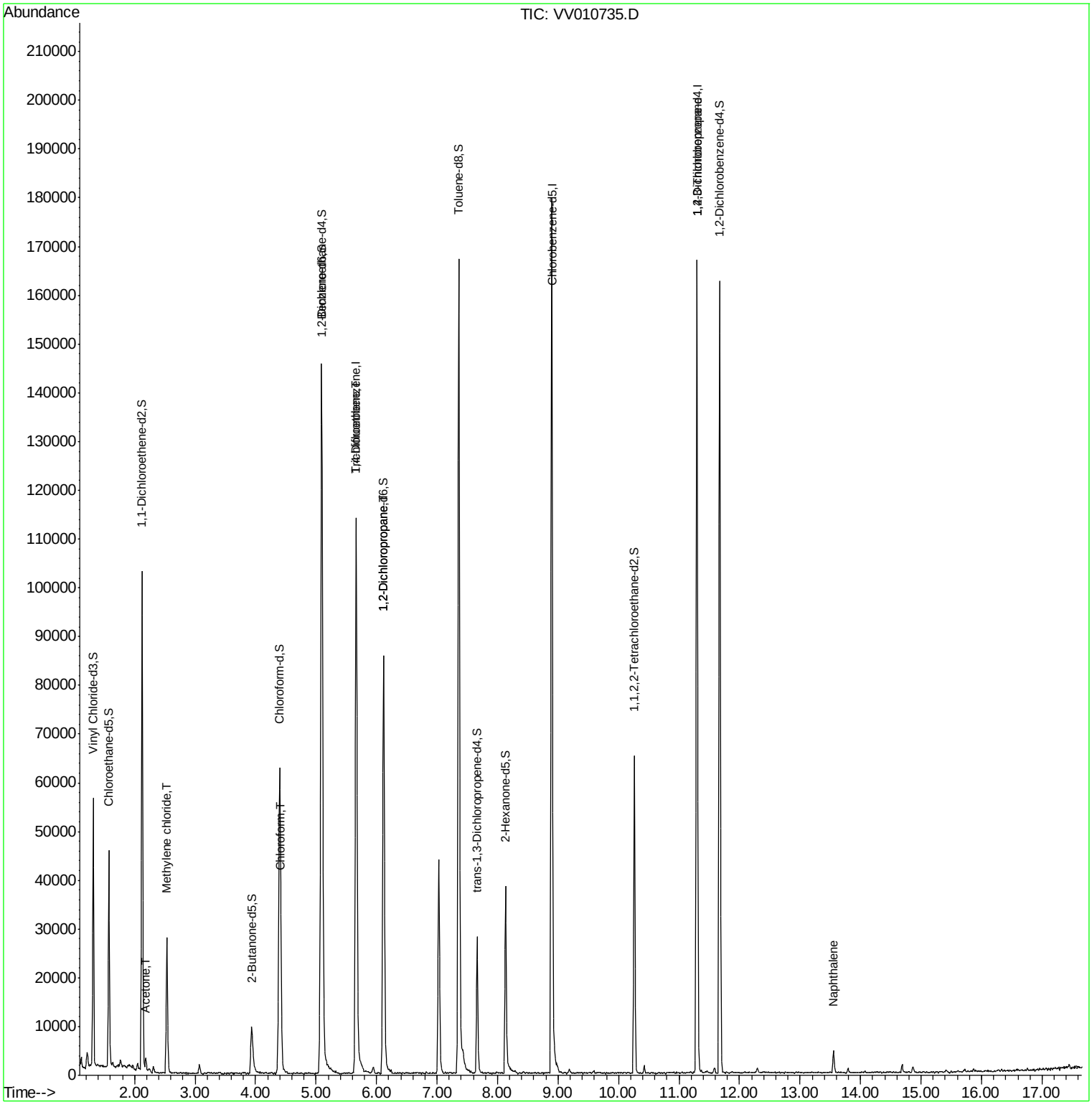
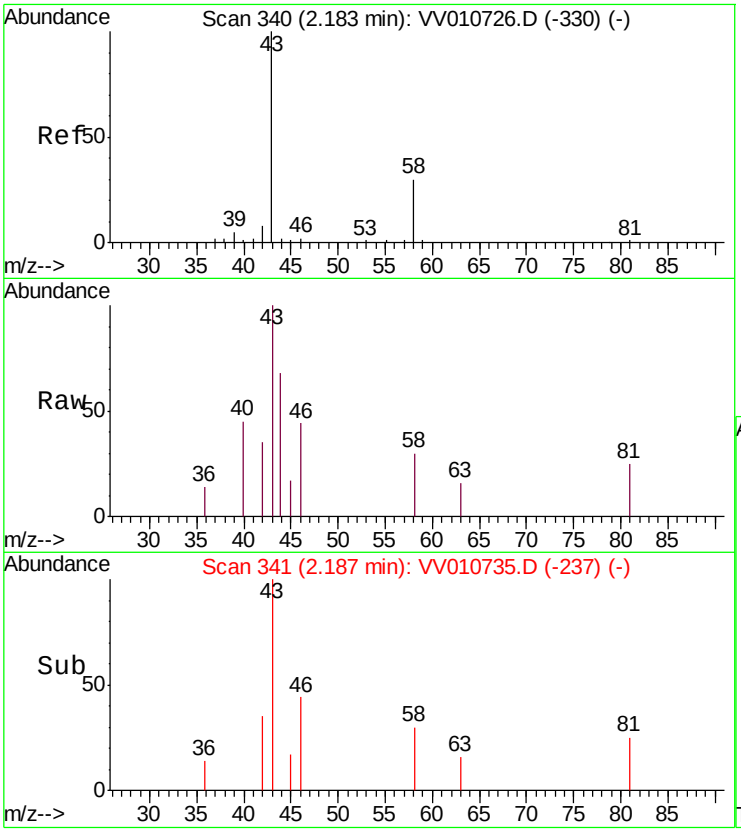
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration



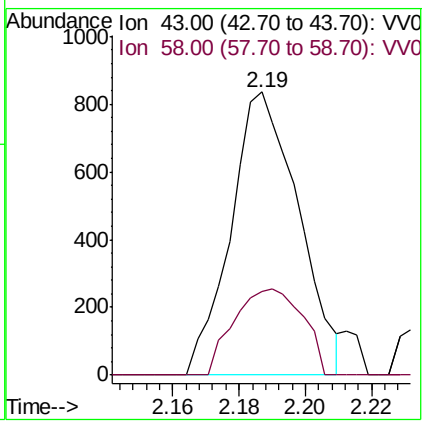


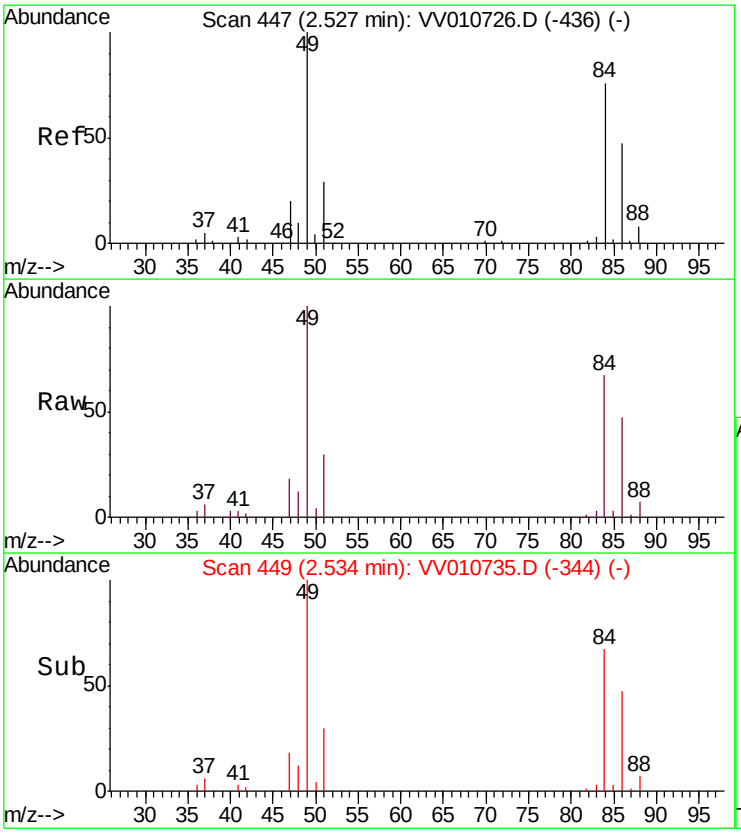
#13
Acetone
Concen: 1.749 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010735.D
Acq: 08 May 2019 19:20

Instrument :
MSVOA_V
ClientSampleId :
GAJA9

Tgt Ion: 43 Resp: 1187

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	63.4

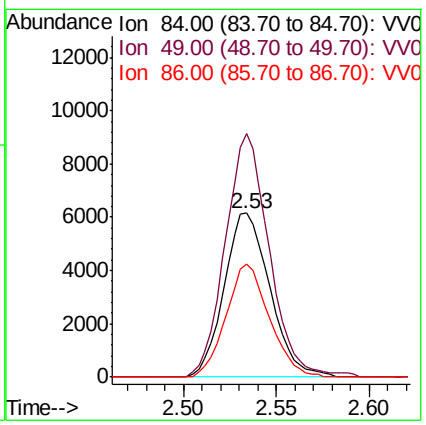


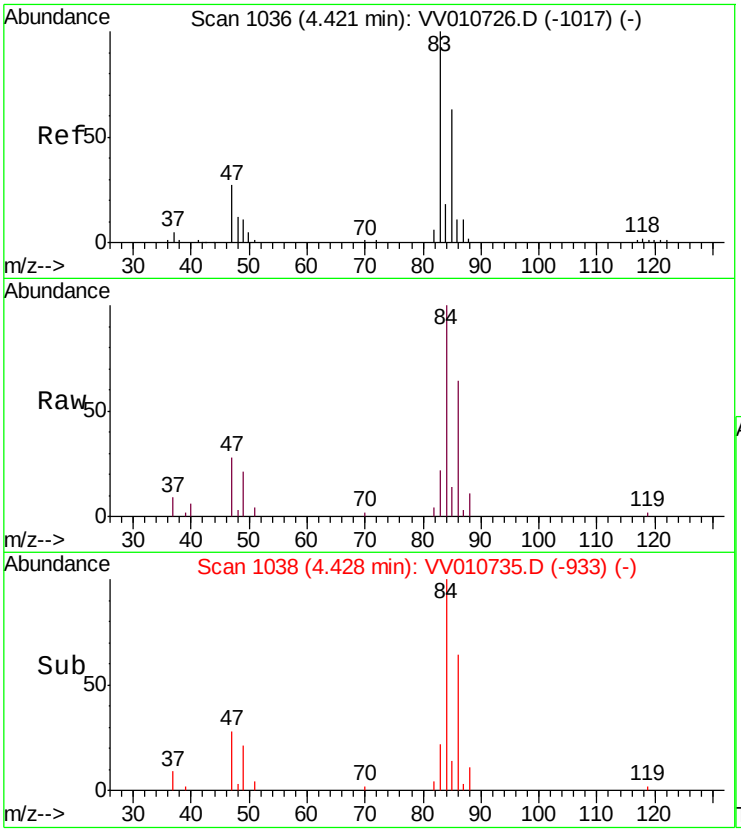


#16
Methylene chloride
Concen: 7.261 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV010735.D
Acq: 08 May 2019 19:20

Tgt Ion: 84 Resp: 10556

Ion	Ratio	Lower	Upper
84	100		
49	148.7	92.9	172.5
86	69.3	46.5	86.5



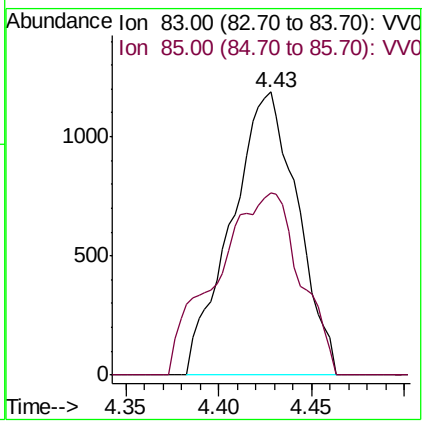


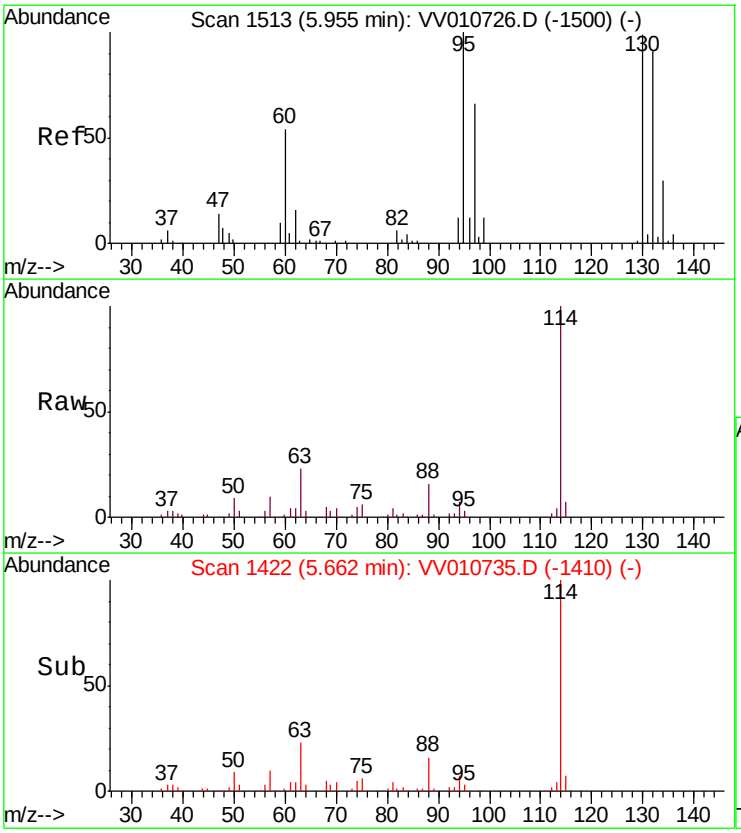
#25
Chloroform
Concen: 1.034 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV010735.D
Acq: 08 May 2019 19:20

Instrument :
MSVOA_V
ClientSampleId :
GAJA9

Tgt Ion: 83 Resp: 2942

Ion	Ratio	Lower	Upper
83	100		
85	39.5	44.6	82.8#

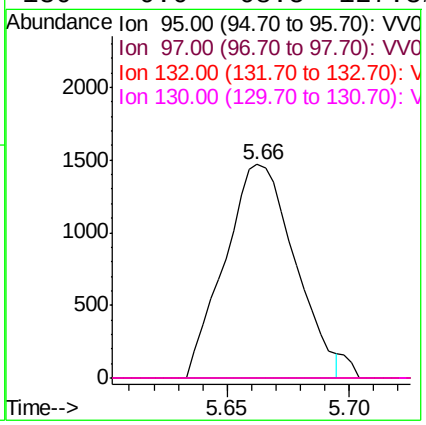


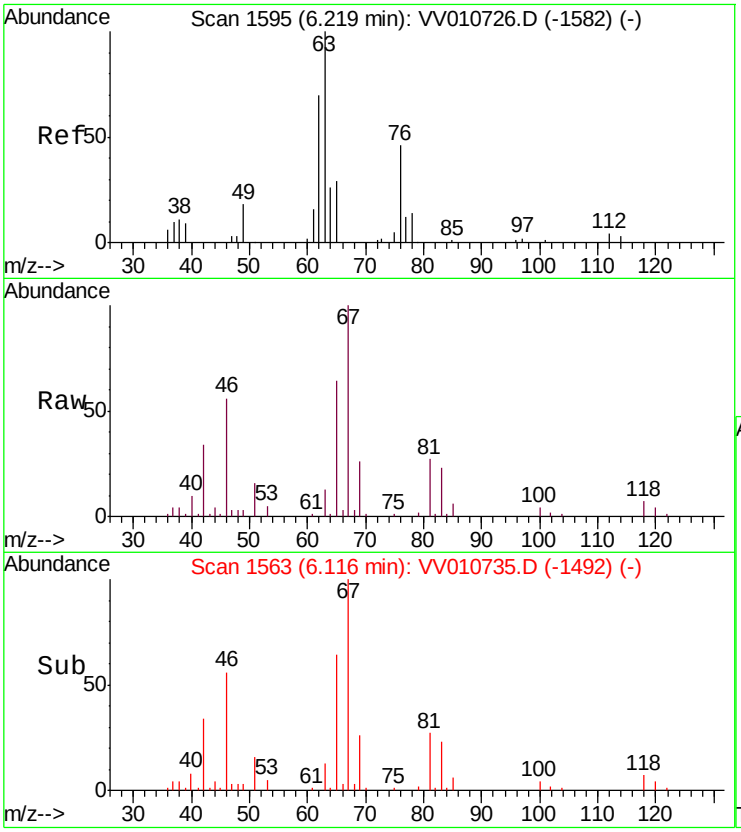


#35
Trichloroethene
Concen: 1.832 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010735.D
Acq: 08 May 2019 19:20

Tgt Ion: 95 Resp: 2924

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#



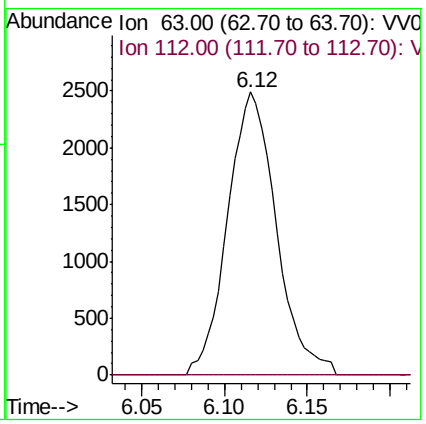


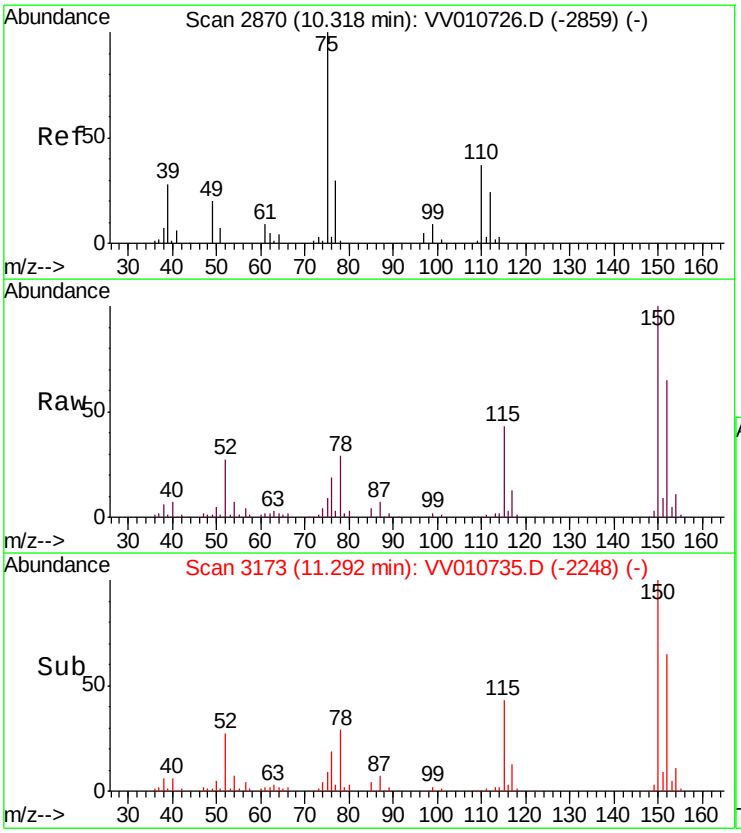
#40
1,2-Dichloropropane
Concen: 3.355 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010735.D
Acq: 08 May 2019 19:20

Instrument : MSVOA_V
ClientSampleId : GAJA9

Tgt Ion: 63 Resp: 5084

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

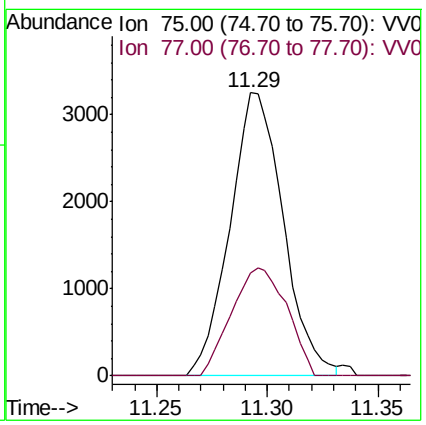


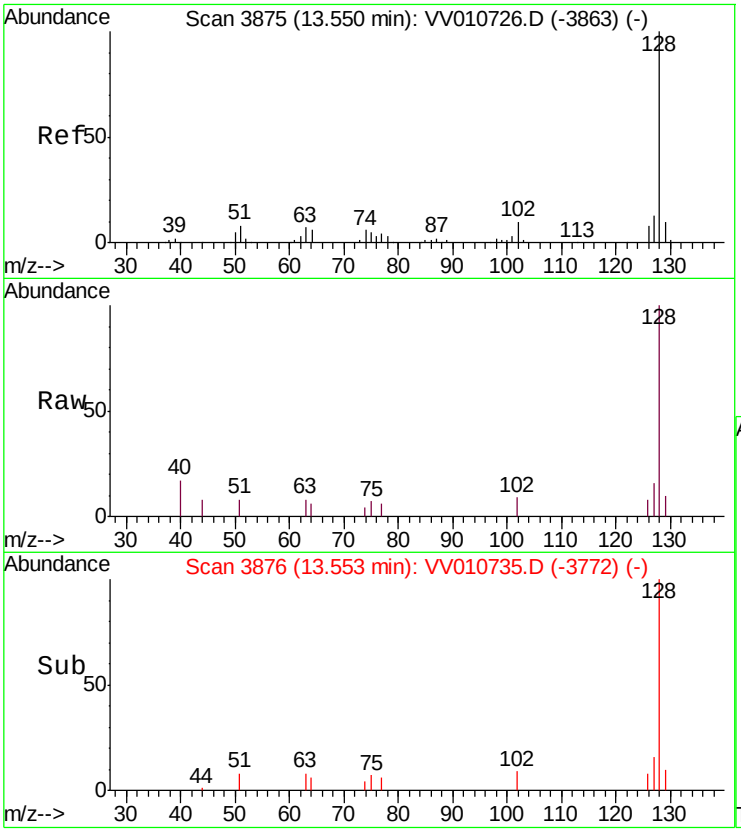


#59
1,2,3-Trichloropropane
Concen: 4.301 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010735.D
Acq: 08 May 2019 19:20

Tgt Ion: 75 Resp: 5475

Ion	Ratio	Lower	Upper
75	100		
77	39.4	25.0	37.6#





#69
Naphthalene
Concen: 1.181 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010735.D
Acq: 08 May 2019 19:20

Instrument :
MSVOA_V
ClientSampleId :
GAJA9

Tgt Ion:128 Resp: 4020

Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.3	12.5
127	12.0	10.8	16.2