Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\

Quantitation Report (Not Reviewed)

Data File : VV012936.D
Acq On : 23 Sep 2019 15:03
Operator : SY/MD
Sample : K4958-02
Misc : 3.13G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESNY0

Quant Time: Sep 24 07:41:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	677557	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	434545	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96585	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	276005	26.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.00%			
7) Chloroethane-d5	1.58	69	239149	28.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.56%			
10) 1,1-Dichloroethene-d2	2.13	63	344495	19.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.84%			
20) 2-Butanone-d5	3.95	46	116126	31.99	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.98%			
24) Chloroform-d	4.40	84	443993	23.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.08	65	239776	22.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.64%			
29) Benzene-d6	5.09	84	909303	37.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 149.92%#			
33) 1,2-Dichloropropane-d6	6.11	67	276991	36.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 145.68%#			
37) Toluene-d8	7.36	98	670085	30.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 121.68%			
38) trans-1,3-Dichloropropene-	7.66	79	78344	24.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.32%			
39) 2-Hexanone-d5	8.14	63	60961	39.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.66%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	132809	18.39	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 73.56%			
61) 1,2-Dichlorobenzene-d4	11.67	152	86299	23.00	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.00%			

Target Compounds						Qvalue
13) Acetone	2.21	43	45395	11.766	ug/L	96
16) Methylene chloride	2.53	84	53637	5.296	ug/L	96
21) 2-Butanone	4.05	43	13754	3.063	ug/L #	57
42) cis-1,3-Dichloropropene	7.03	75	5844	0.632	ug/L #	67
59) 1,2,3-Trichloropropane	11.29	75	12056	2.211	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	2340	0.575	ug/L	98
69) Naphthalene	13.56	128	7233	0.884	ug/L #	89

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

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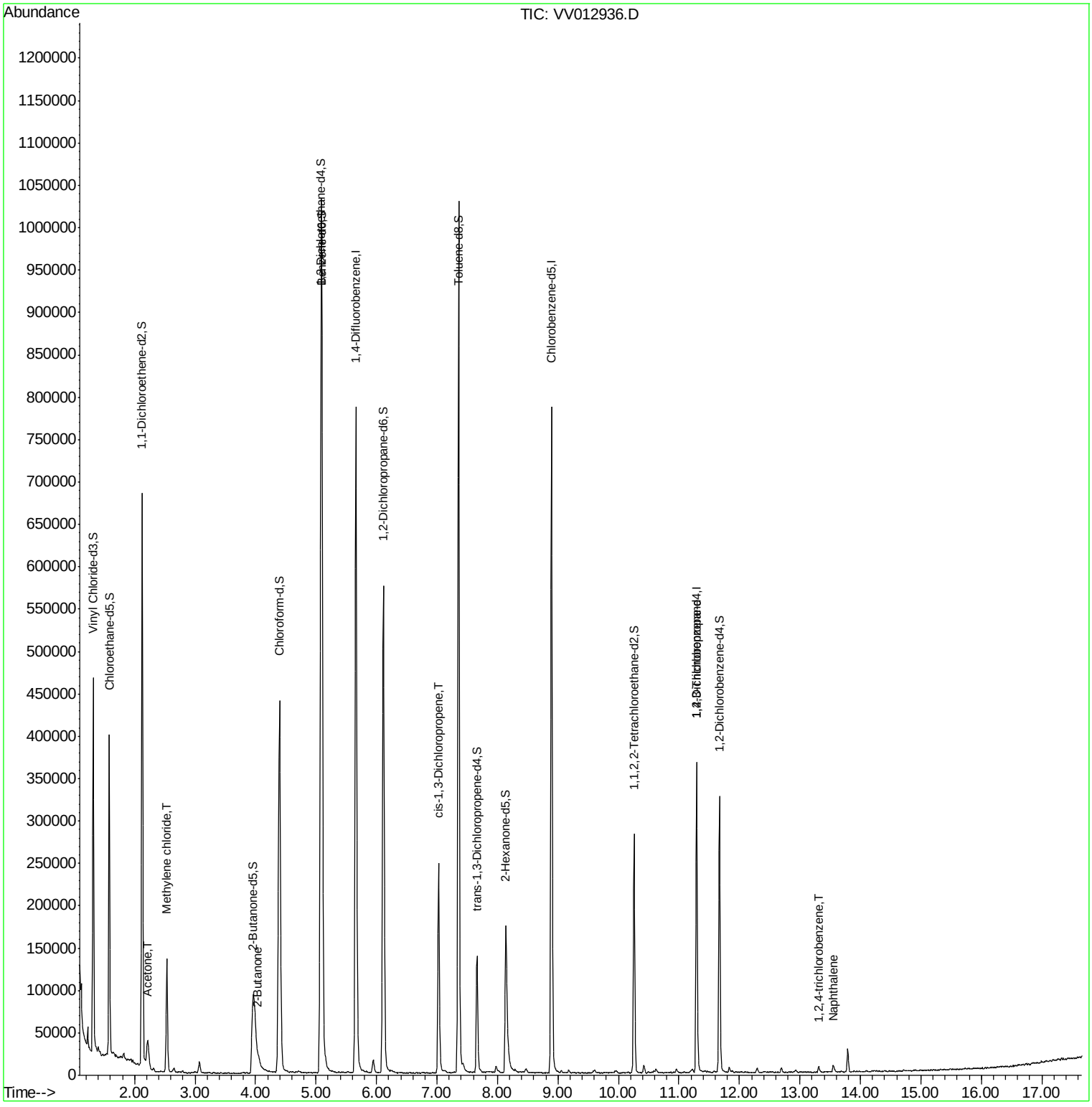
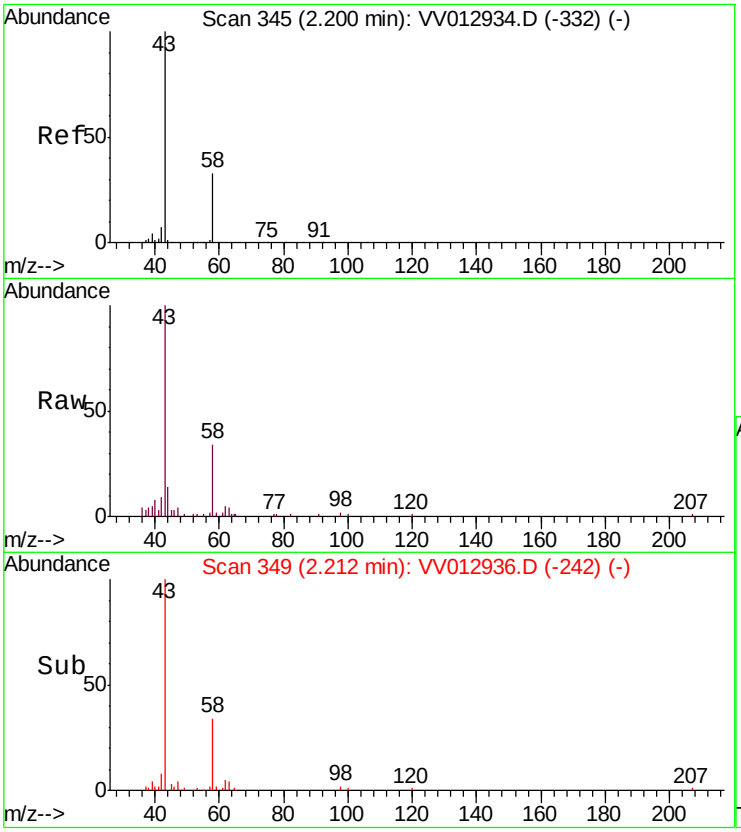
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration



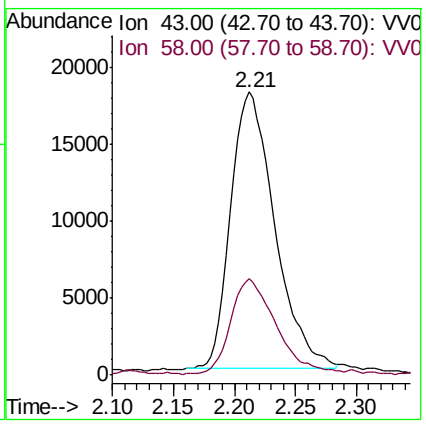


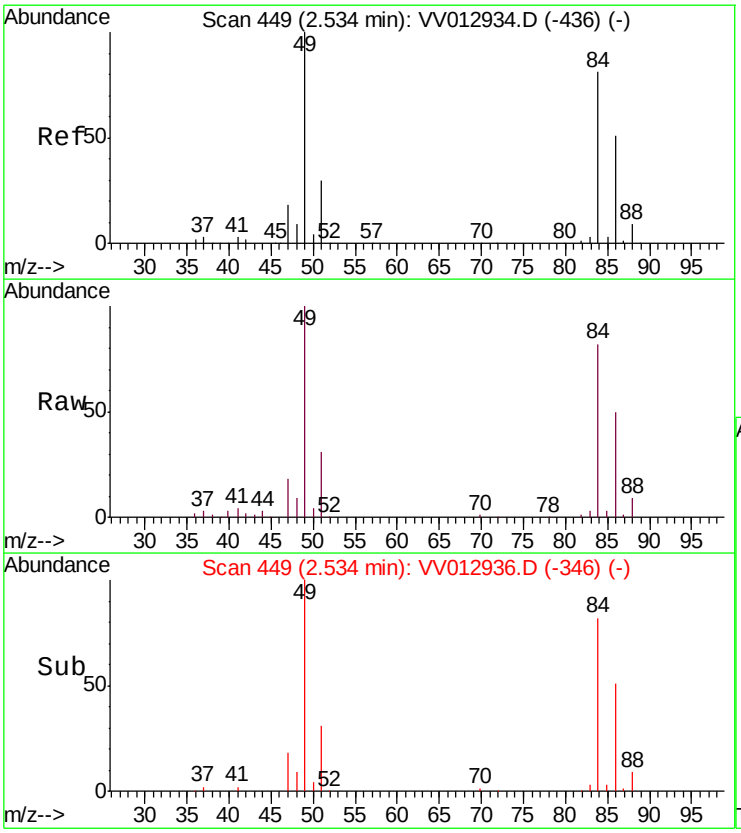
#13
Acetone
Concen: 11.766 ug/L
RT: 2.21 min Scan# 349
Delta R.T. 0.01 min
Lab File: VV012936.D
Acq: 23 Sep 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
ESNY0

Tgt Ion: 43 Resp: 45395

Ion	Ratio	Lower	Upper
43	100		
58	34.7	0.0	65.0

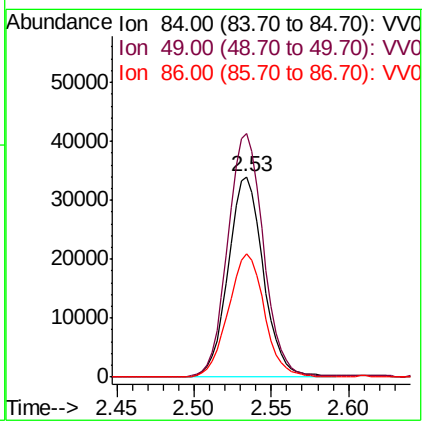


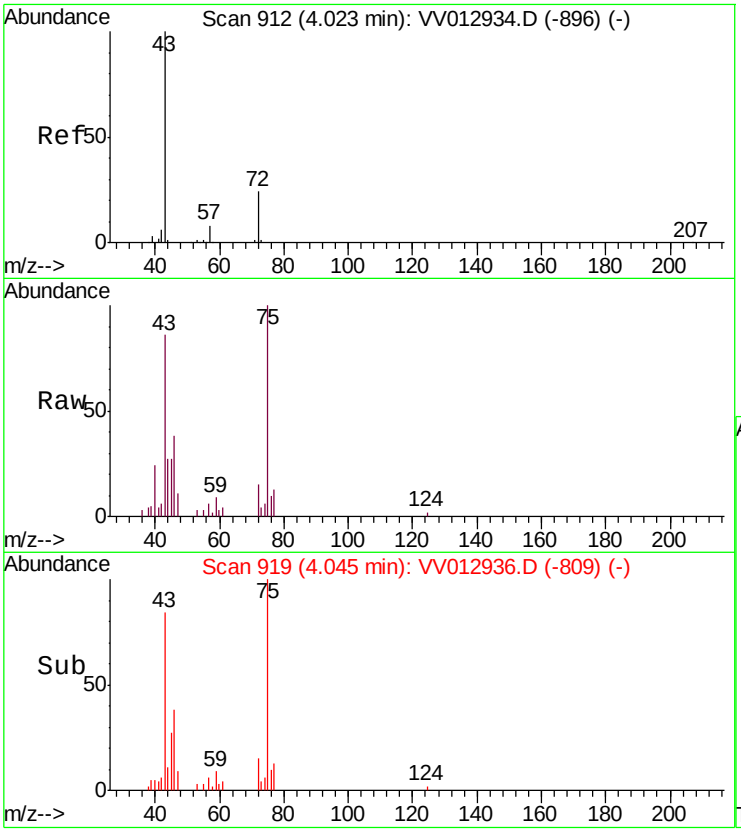


#16
Methylene chloride
Concen: 5.296 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV012936.D
Acq: 23 Sep 2019 15:03

Tgt Ion: 84 Resp: 53637

Ion	Ratio	Lower	Upper
84	100		
49	121.6	88.3	164.1
86	61.4	44.9	83.3



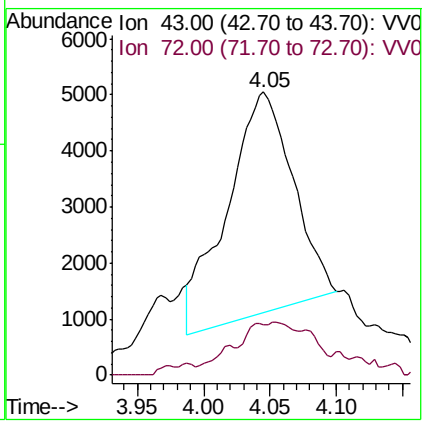


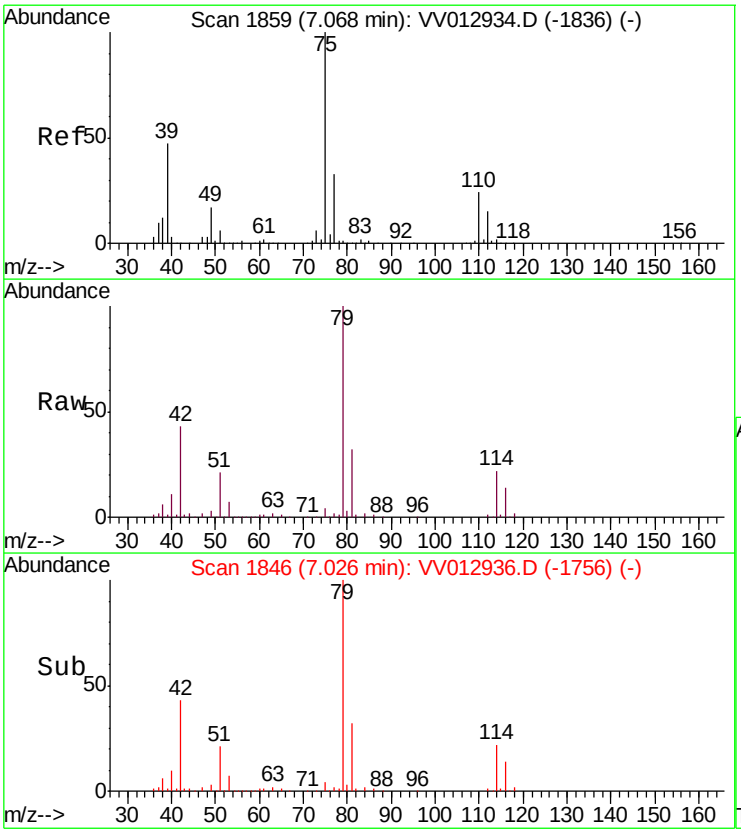
#21
2-Butanone
Concen: 3.063 ug/L
RT: 4.05 min Scan# 919
Delta R.T. 0.02 min
Lab File: VV012936.D
Acq: 23 Sep 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
ESNY0

Tgt Ion: 43 Resp: 13754

Ion	Ratio	Lower	Upper
43	100		
72	2.7	11.9	35.9#

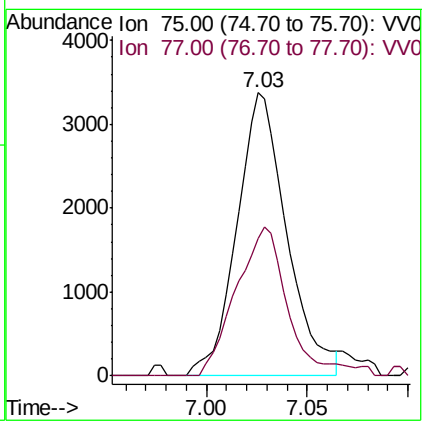


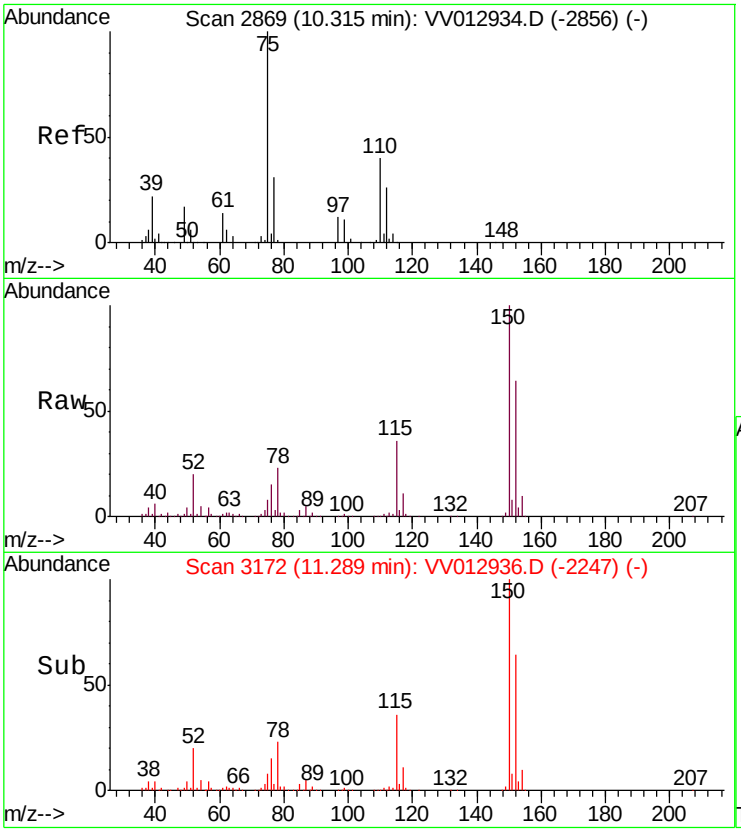


#42
cis-1,3-Dichloropropene
Concen: 0.632 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV012936.D
Acq: 23 Sep 2019 15:03

Tgt Ion: 75 Resp: 5844

Ion	Ratio	Lower	Upper
75	100		
77	48.8	21.5	39.9#



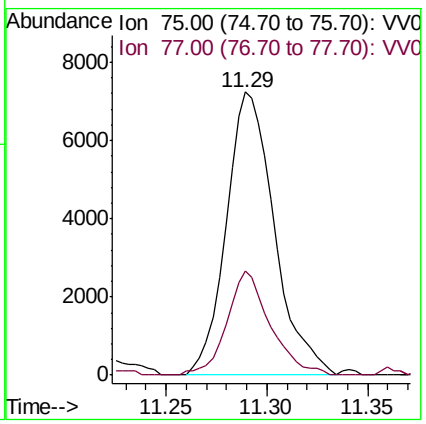


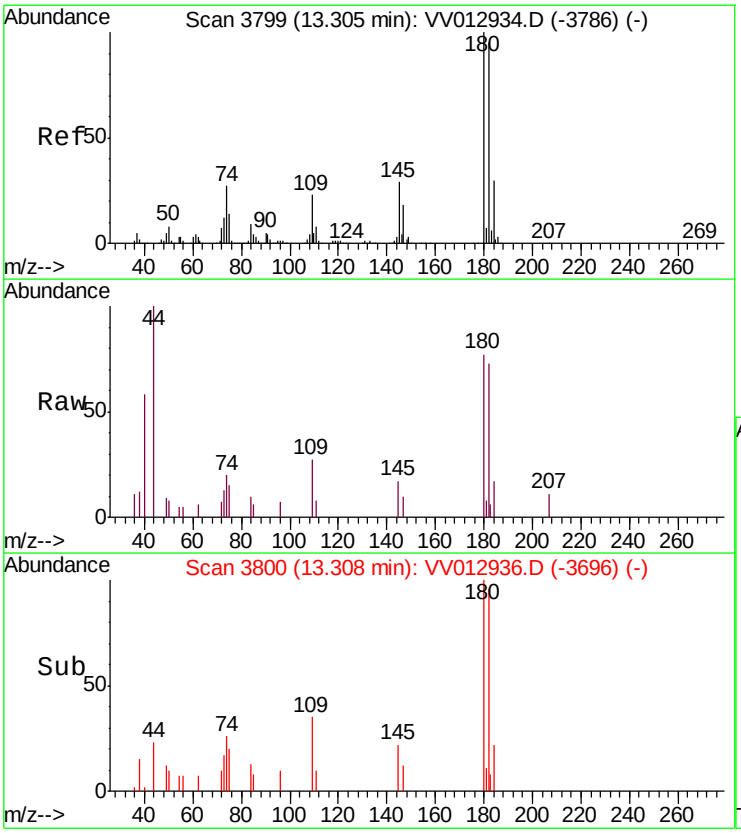
#59
1,2,3-Trichloropropane
Concen: 2.211 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.97 min
Lab File: VV012936.D
Acq: 23 Sep 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
ESNY0

Tgt Ion: 75 Resp: 12056

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.4	38.0

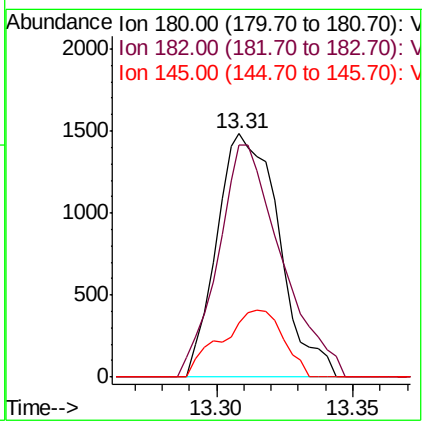


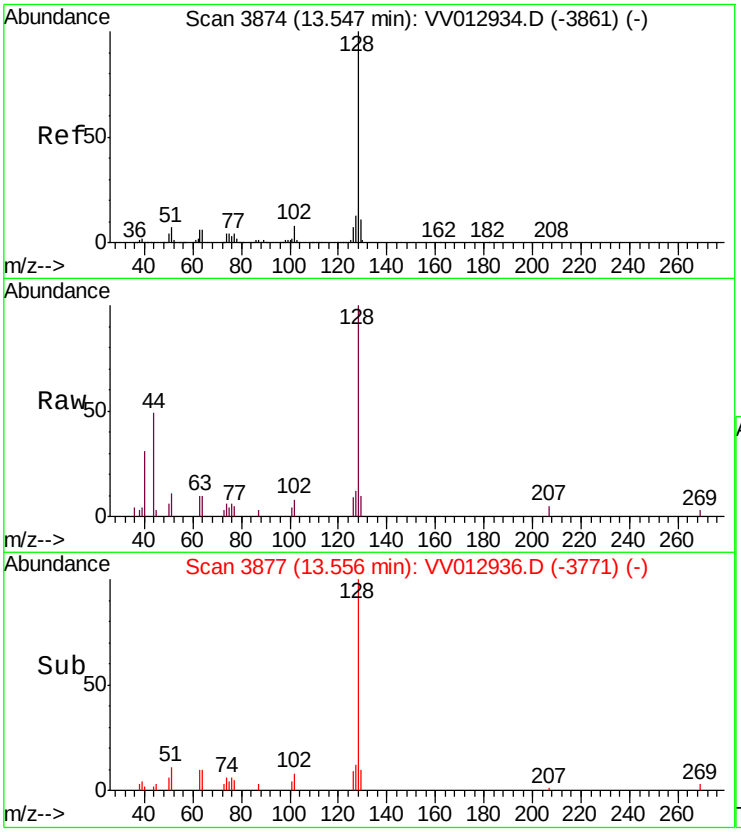


#68
1,2,4-trichlorobenzene
Concen: 0.575 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV012936.D
Acq: 23 Sep 2019 15:03

Tgt Ion:180 Resp: 2340

Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.8	115.2
145	27.4	22.6	34.0





#69
Naphthalene
Concen: 0.884 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV012936.D
Acq: 23 Sep 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
ESNY0

Tgt Ion:128 Resp: 7233

Ion	Ratio	Lower	Upper
128	100		
129	5.7	8.7	13.1#
127	8.9	10.2	15.2#