Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021319\

Quantitation Report (Not Reviewed)

Data File : VV009296.D
Acq On : 13 Feb 2019 16:35
Operator : SY/MD
Sample : VV0213SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK79

Quant Time: Feb 14 02:55:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021319S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 13 15:25:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	322015	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	308834	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	138598	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	107655	21.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.16%			
7) Chloroethane-d5	1.57	69	86367	22.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.84%			
10) 1,1-Dichloroethene-d2	2.13	63	172254	16.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.92%			
20) 2-Butanone-d5	3.93	46	73499	37.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.42%			
24) Chloroform-d	4.40	84	211588	22.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.96%			
26) 1,2-Dichloroethane-d4	5.08	65	131418	23.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.64%			
29) Benzene-d6	5.10	84	418033	23.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.32%			
33) 1,2-Dichloropropane-d6	6.12	67	134171	23.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.92%			
37) Toluene-d8	7.36	98	386829	23.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.36%			
38) trans-1,3-Dichloropropene-	7.66	79	57969	23.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.68%			
39) 2-Hexanone-d5	8.13	63	49698	37.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.94%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	111934	20.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.28%			
61) 1,2-Dichlorobenzene-d4	11.68	152	133812	23.90	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.60%			

Target Compounds						Qvalue
13) Acetone	2.19	43	2478	0.855	ug/L	95
16) Methylene chloride	2.54	84	10077	1.525	ug/L	95
25) Chloroform	4.43	83	7380	0.821	ug/L #	49
42) cis-1,3-Dichloropropene	7.03	75	4213	0.576	ug/L #	70
59) 1,2,3-Trichloropropane	11.30	75	18613	4.327	ug/L	91
68) 1,2,4-trichlorobenzene	13.32	180	1303	0.242	ug/L #	89
69) Naphthalene	13.56	128	3374	0.295	ug/L #	79

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021319\

Quantitation Report (Not Reviewed)

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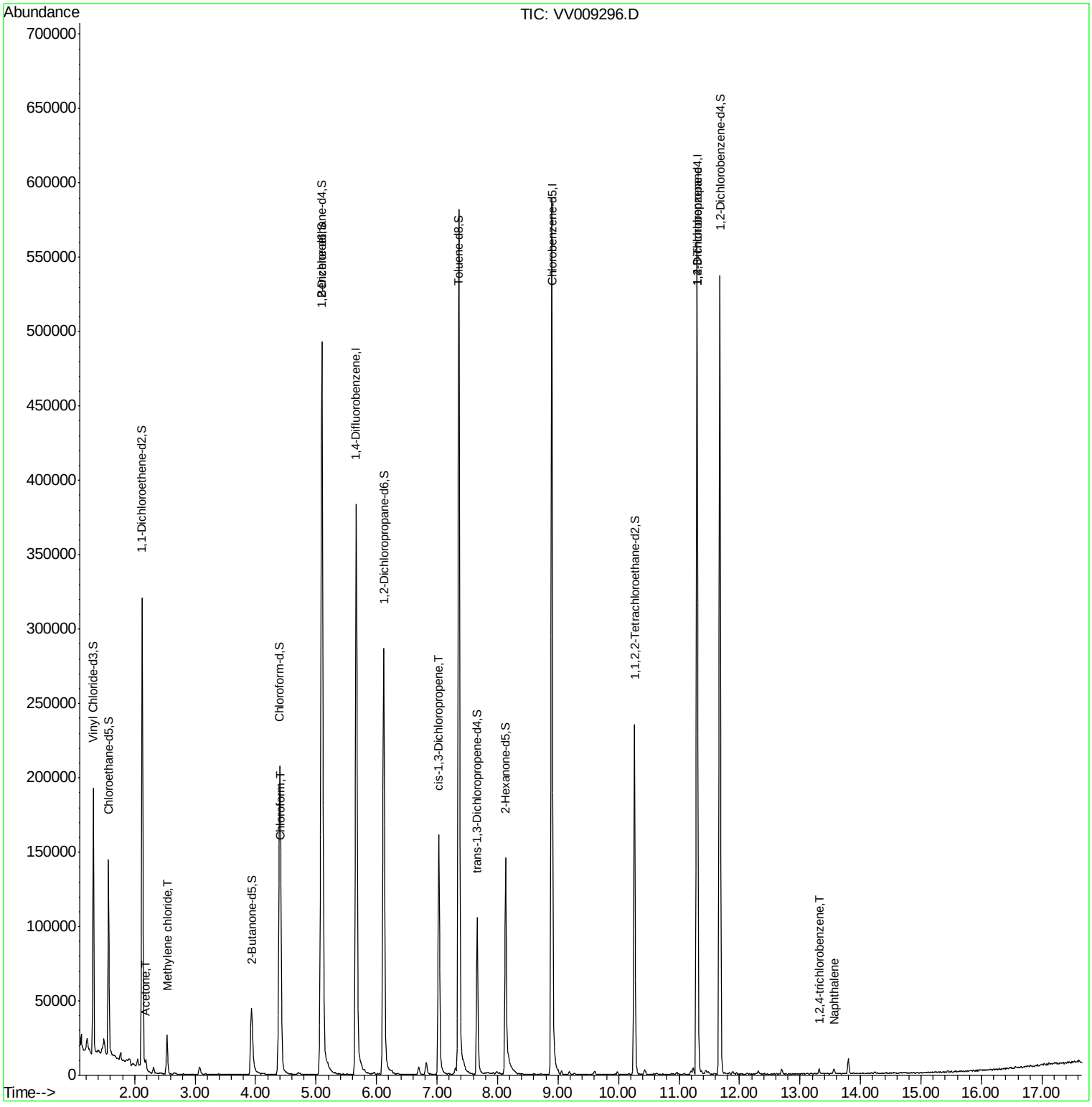
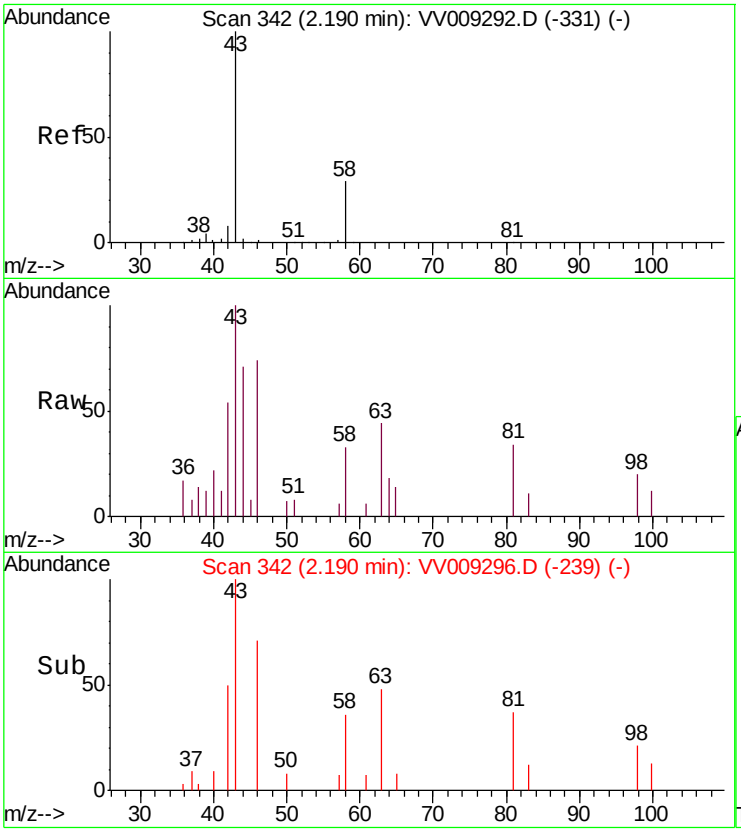
Acq On : 13 Feb 2019 16:35
Operator : SY/MD
Sample : VV0213SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK79

Quant Time: Feb 14 02:55:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM021319S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 13 15:25:45 2019
Response via : Initial Calibration



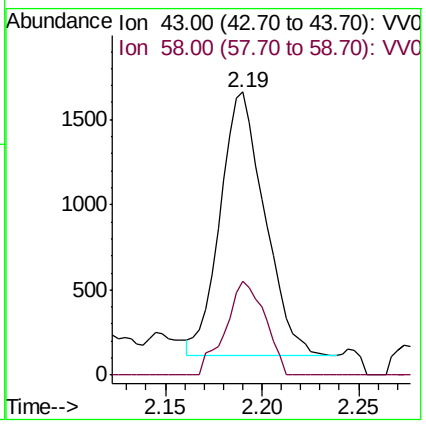


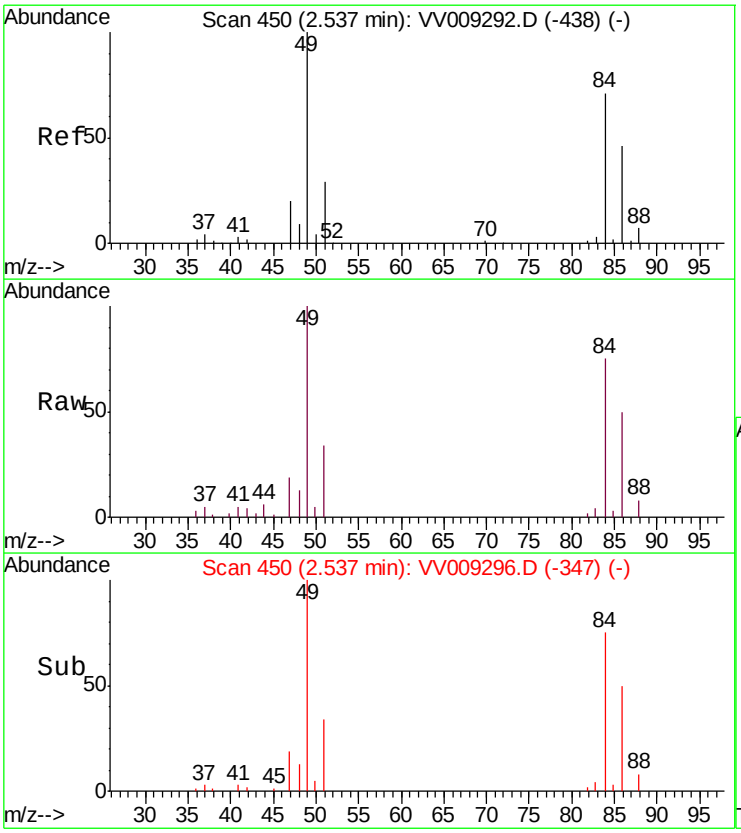
#13
Acetone
Concen: 0.855 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV009296.D
Acq: 13 Feb 2019 16:35

Instrument : MSVOA_V
ClientSampleId : VBLK79

Tgt Ion: 43 Resp: 2478

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	57.2

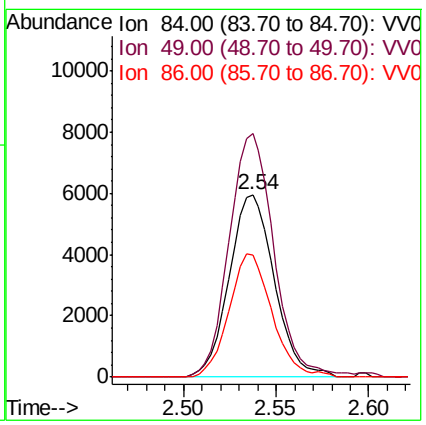


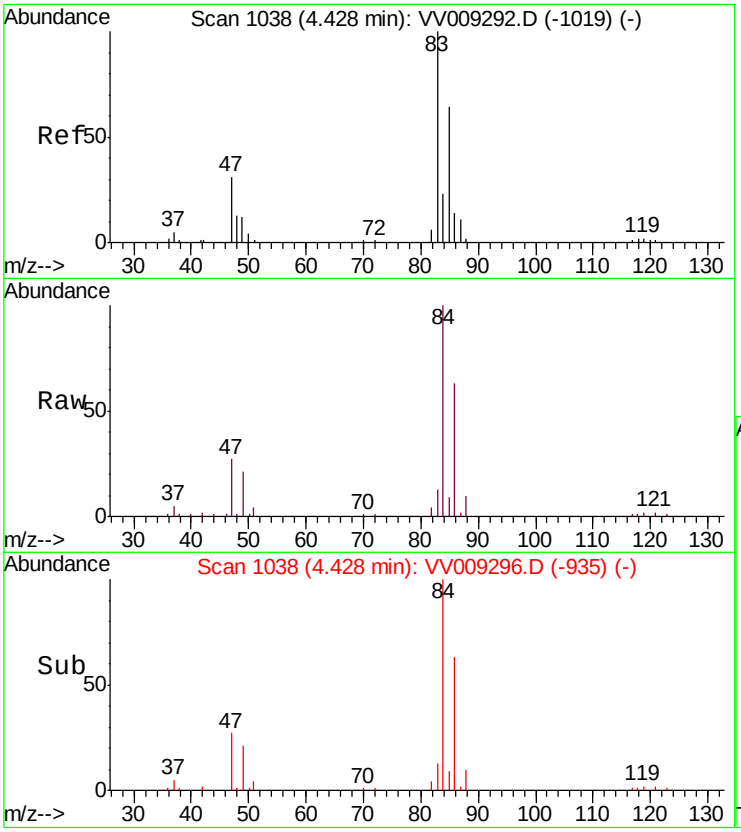


#16
Methylene chloride
Concen: 1.525 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009296.D
Acq: 13 Feb 2019 16:35

Tgt Ion: 84 Resp: 10077

Ion	Ratio	Lower	Upper
84	100		
49	133.6	98.4	182.8
86	67.3	45.1	83.7



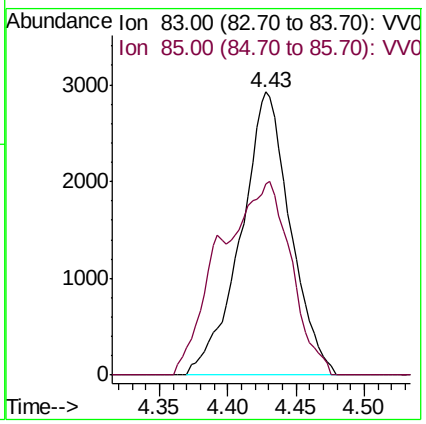


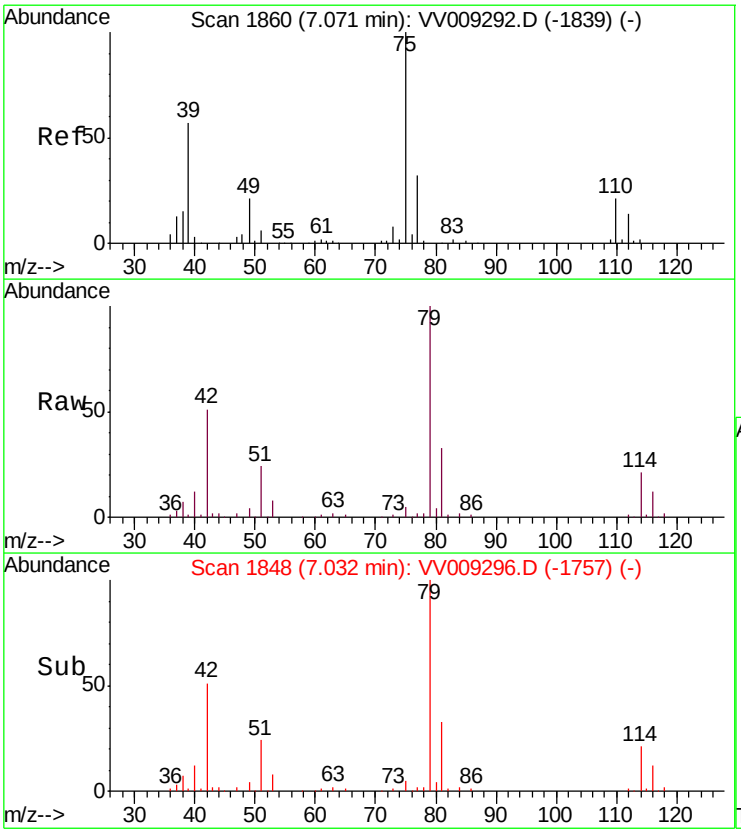
#25
Chloroform
Concen: 0.821 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV009296.D
Acq: 13 Feb 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tgt Ion: 83 Resp: 7380

Ion	Ratio	Lower	Upper
83	100		
85	25.0	45.6	84.6#

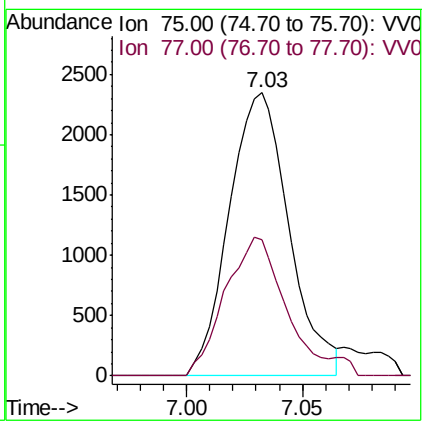


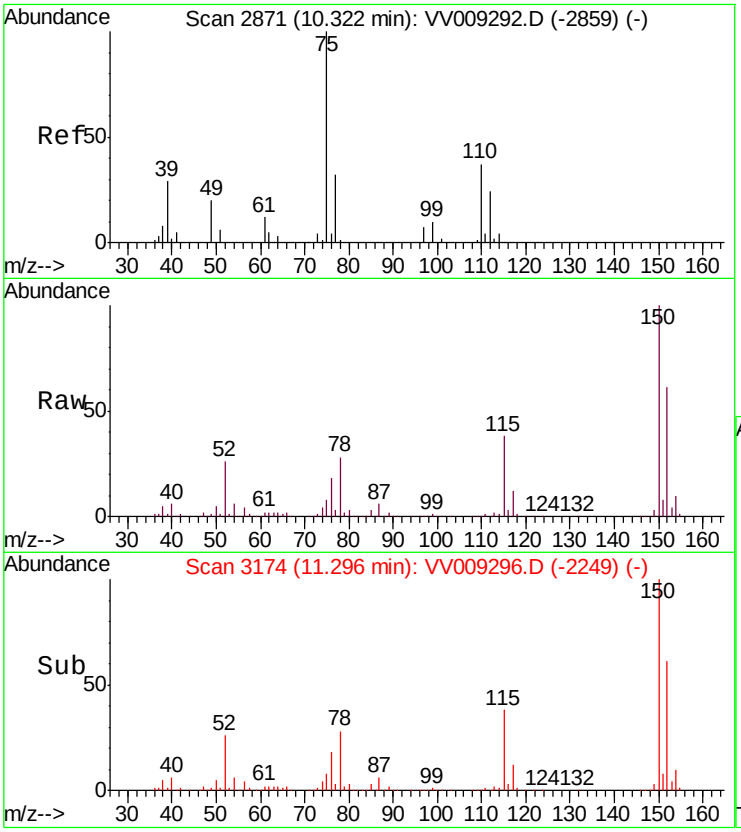


#42
cis-1,3-Dichloropropene
Concen: 0.576 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009296.D
Acq: 13 Feb 2019 16:35

Tgt Ion: 75 Resp: 4213

Ion	Ratio	Lower	Upper
75	100		
77	48.2	22.2	41.2#



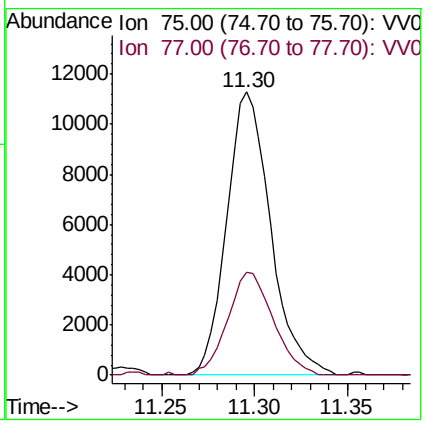


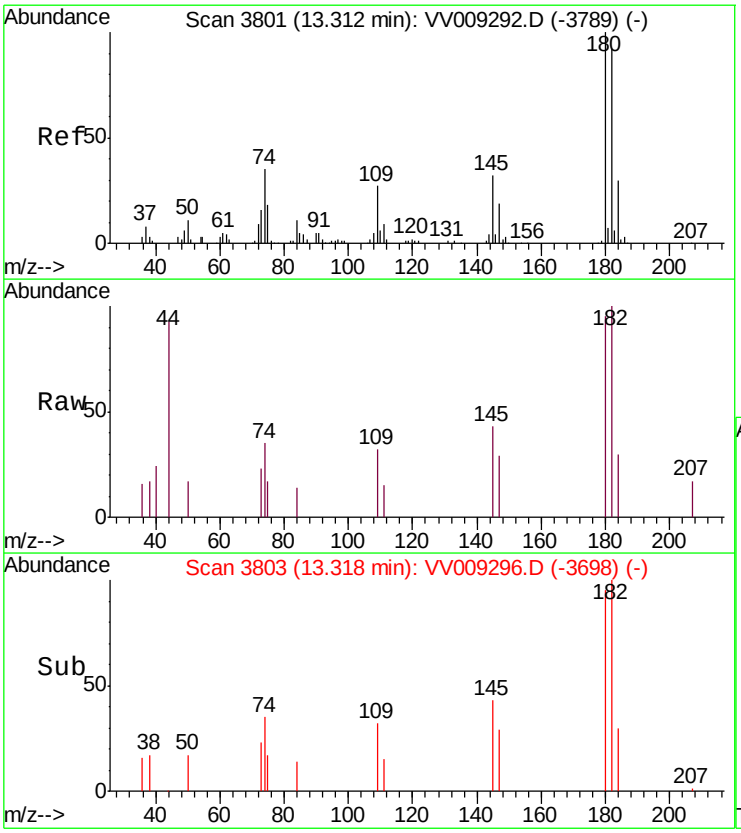
#59
1,2,3-Trichloropropane
Concen: 4.327 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009296.D
Acq: 13 Feb 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tgt Ion: 75 Resp: 18613

Ion	Ratio	Lower	Upper
75	100		
77	37.6	26.2	39.2

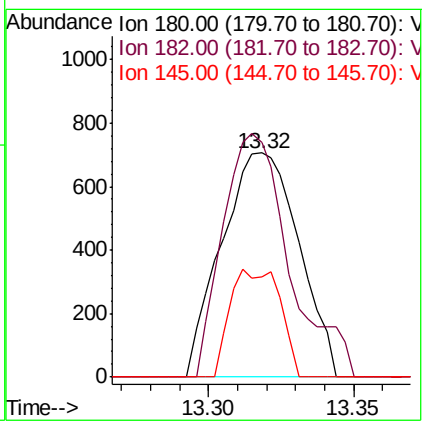


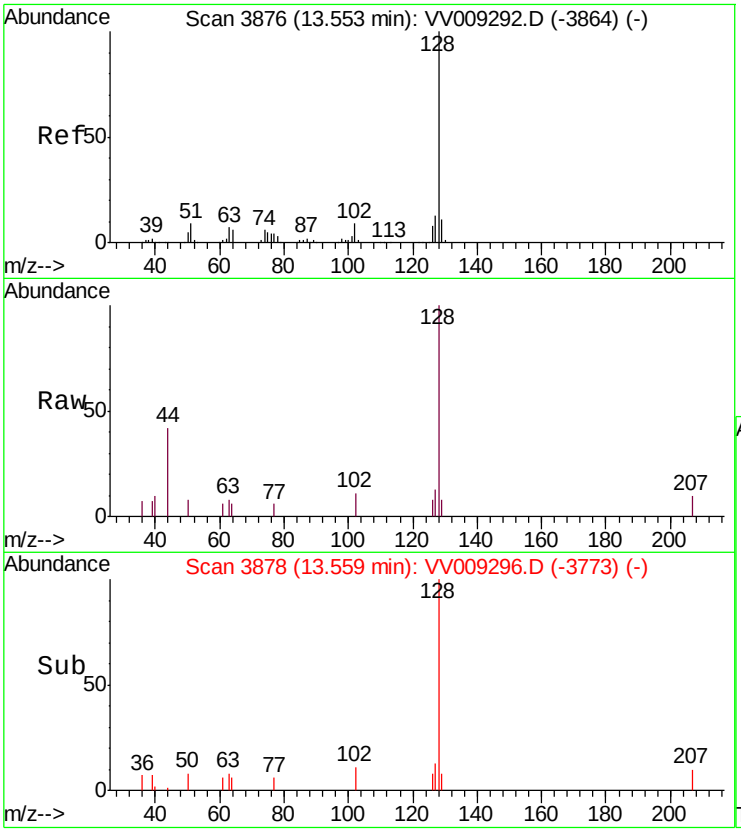


#68
1,2,4-trichlorobenzene
Concen: 0.242 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.01 min
Lab File: VV009296.D
Acq: 13 Feb 2019 16:35

Tgt Ion:180 Resp: 1303

Ion	Ratio	Lower	Upper
180	100		
182	87.7	74.1	111.1
145	15.8	25.4	38.2#





#69
Naphthalene
Concen: 0.295 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV009296.D
Acq: 13 Feb 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tgt Ion:128 Resp: 3374

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	7.7	10.6	15.8#