Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

Quantitation Report (Not Reviewed)

Data File : VV009061.D
Acq On : 19 Dec 2018 21:29
Operator : SY/MD
Sample : J6471-01
Misc : 5.64G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H10

Quant Time: Dec 20 03:48:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	211847	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59855	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46119	21.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.16%			
7) Chloroethane-d5	1.58	69	51253	31.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 126.60%			
10) 1,1-Dichloroethene-d2	2.13	63	100237	18.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.16%			
20) 2-Butanone-d5	3.94	46	22465	28.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.30%			
24) Chloroform-d	4.40	84	121022	23.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.04%			
26) 1,2-Dichloroethane-d4	5.08	65	70261	25.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.12%			
29) Benzene-d6	5.10	84	238915	24.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.16%			
33) 1,2-Dichloropropane-d6	6.12	67	70945	25.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.08%			
37) Toluene-d8	7.36	98	204749	22.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.00%			
38) trans-1,3-Dichloropropene-	7.66	79	27343	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.40%			
39) 2-Hexanone-d5	8.14	63	14254	28.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.52%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49292	21.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.36%			
61) 1,2-Dichlorobenzene-d4	11.68	152	51329	22.85	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.40%			

Target Compounds						Qvalue
13) Acetone	2.20	43	4439	3.775	ug/L	92
16) Methylene chloride	2.53	84	7597	2.130	ug/L	94
21) 2-Butanone	3.99	43	3006	2.727	ug/L #	53
25) Chloroform	4.42	83	2744	0.534	ug/L #	17
43) 4-Methyl-2-pentanone	7.28	43	1816	1.061	ug/L	97
49) 2-Hexanone	8.18	43	11572	8.173	ug/L #	47
59) 1,2,3-Trichloropropane	11.30	75	6427	3.257	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	673	0.345	ug/L #	55
69) Naphthalene	13.56	128	2029	0.603	ug/L #	85

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

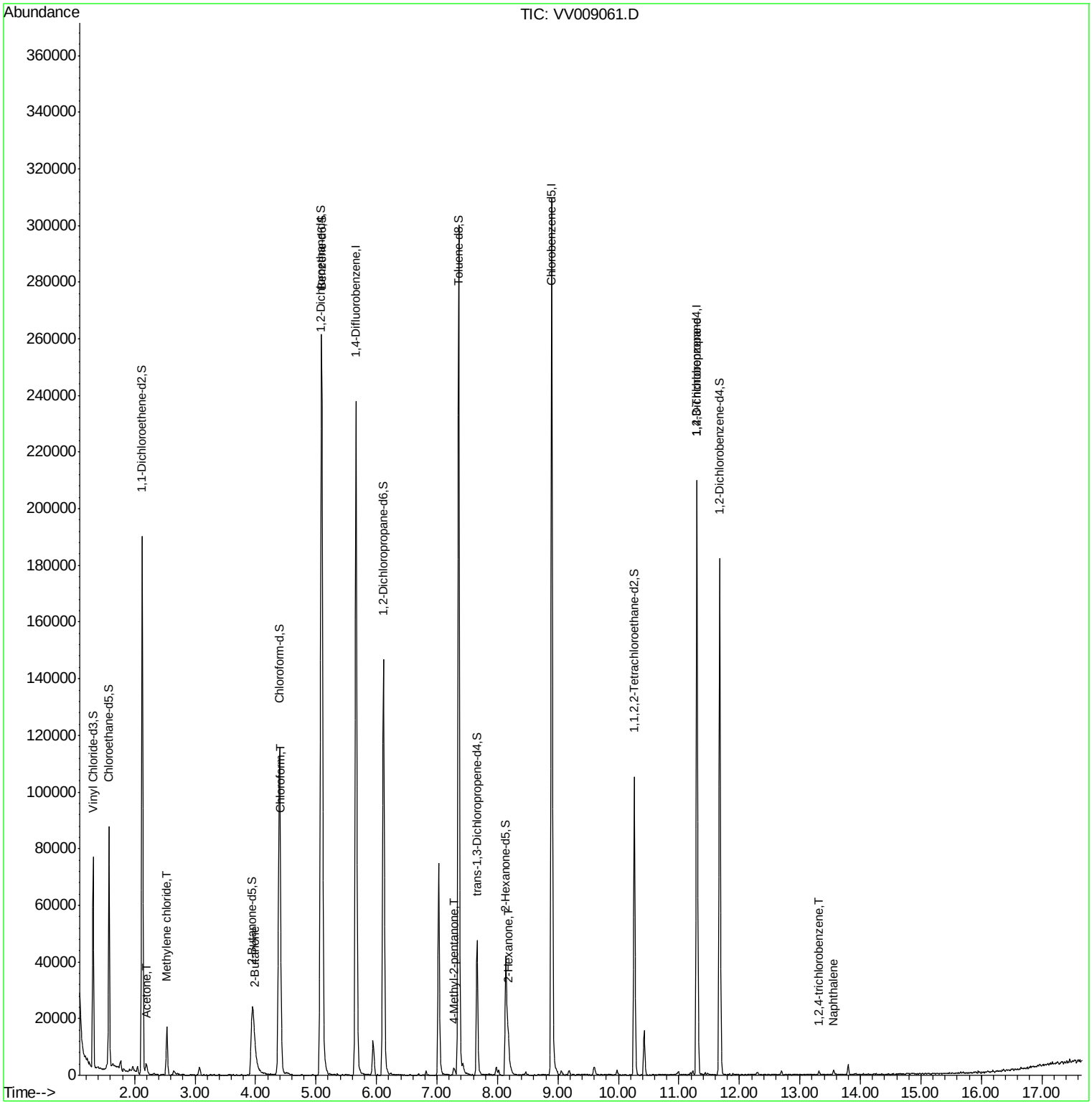
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

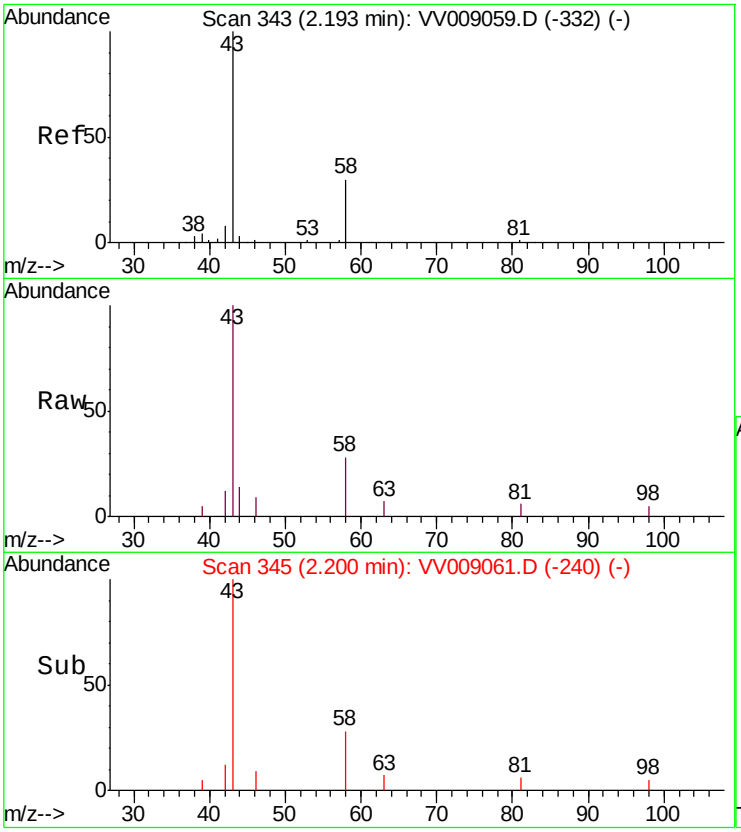
Quantitation Report (Not Reviewed)

Data File : VV009061.D
Acq On : 19 Dec 2018 21:29
Operator : SY/MD
Sample : J6471-01
Misc : 5.64G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H10

Quant Time: Dec 20 03:48:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration



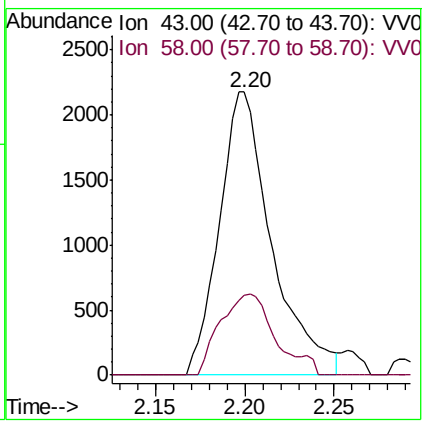


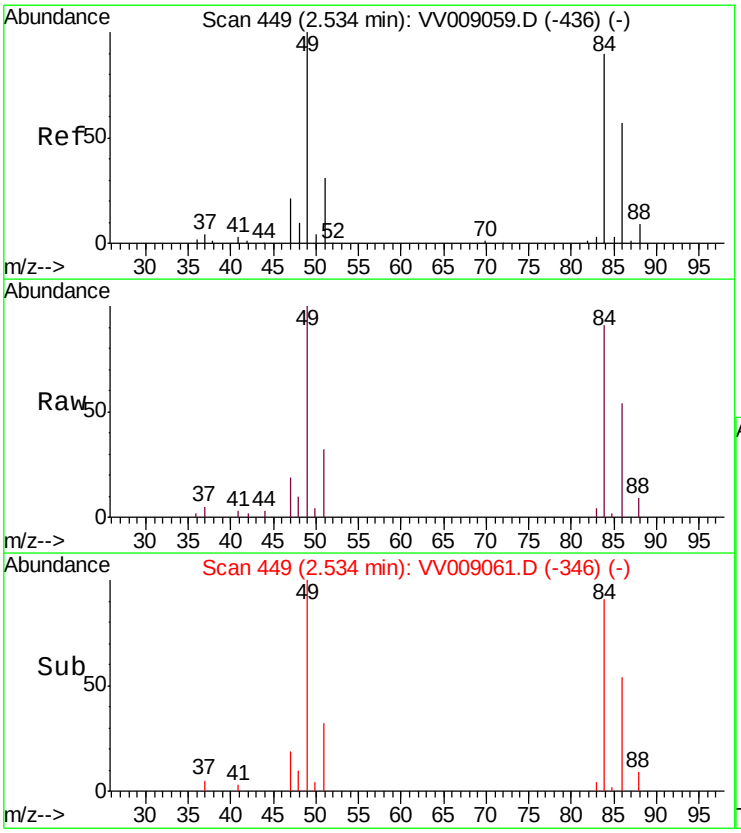
#13
Acetone
Concen: 3.775 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.01 min
Lab File: VV009061.D
Acq: 19 Dec 2018 21:29

Instrument : MSVOA_V
ClientSampleId : F9H10

Tgt Ion: 43 Resp: 4439

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	65.4

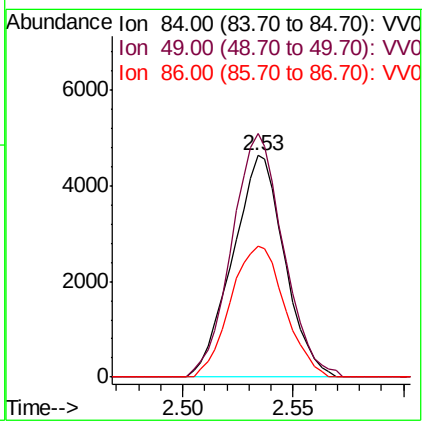


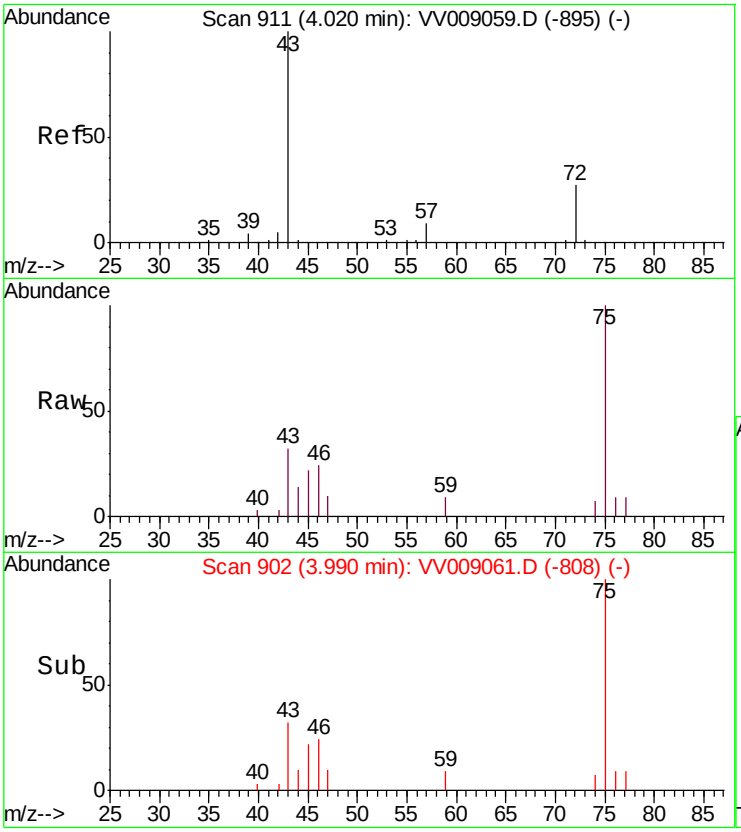


#16
Methylene chloride
Concen: 2.130 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009061.D
Acq: 19 Dec 2018 21:29

Tgt Ion: 84 Resp: 7597

Ion	Ratio	Lower	Upper
84	100		
49	109.9	80.5	149.5
86	59.1	45.5	84.5



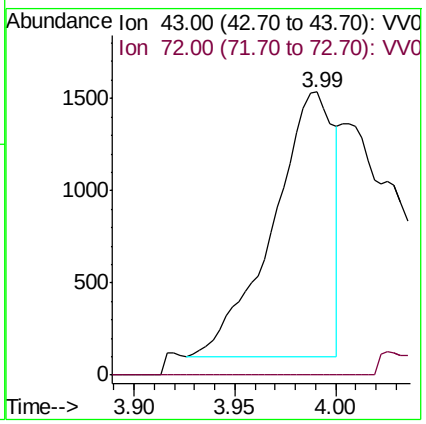


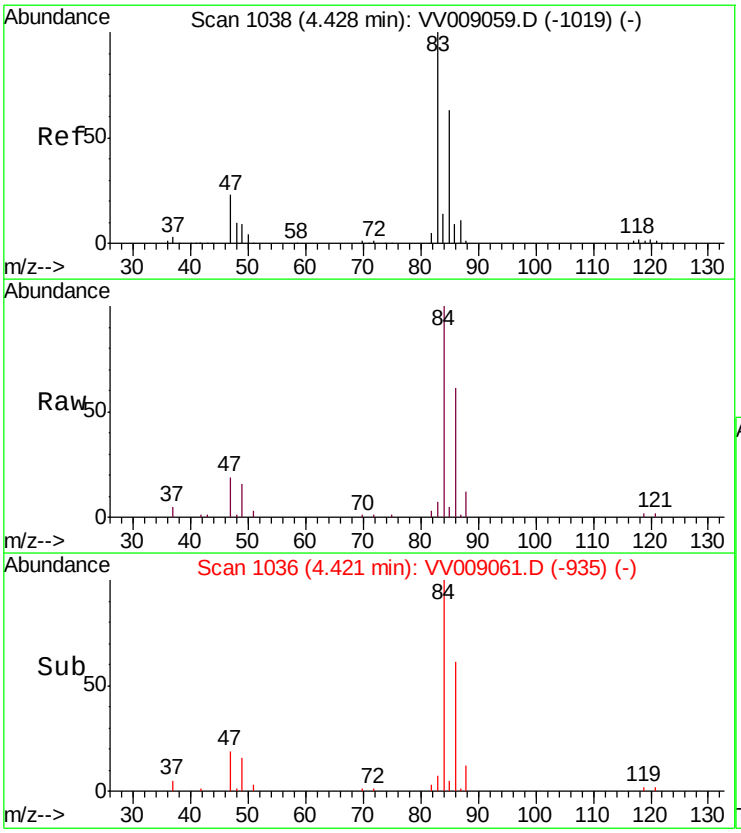
#21
2-Butanone
Concen: 2.727 ug/L
RT: 3.99 min Scan# 902
Delta R.T. -0.03 min
Lab File: VV009061.D
Acq: 19 Dec 2018 21:29

Instrument : MSVOA_V
ClientSampleId : F9H10

Tgt Ion: 43 Resp: 3006

Ion	Ratio	Lower	Upper
43	100		
72	3.0	13.7	41.1#

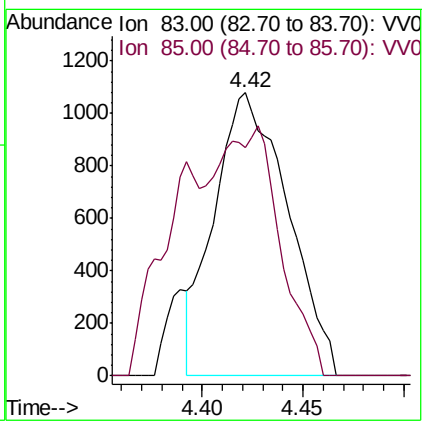


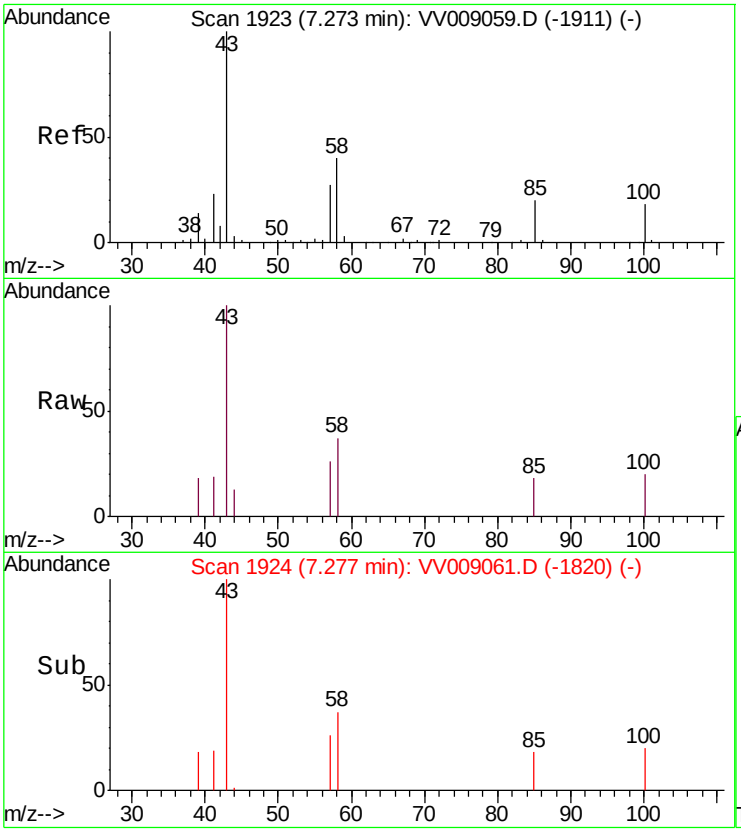


#25
Chloroform
Concen: 0.534 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV009061.D
Acq: 19 Dec 2018 21:29

Tgt Ion: 83 Resp: 2744

Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.6	84.8#



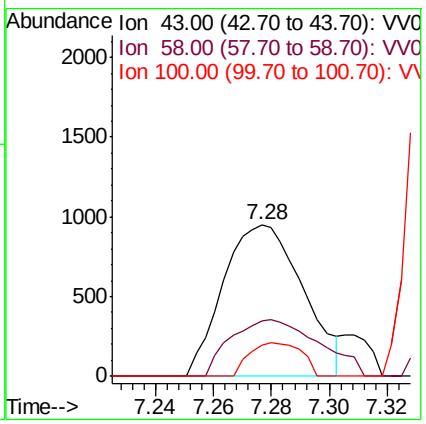


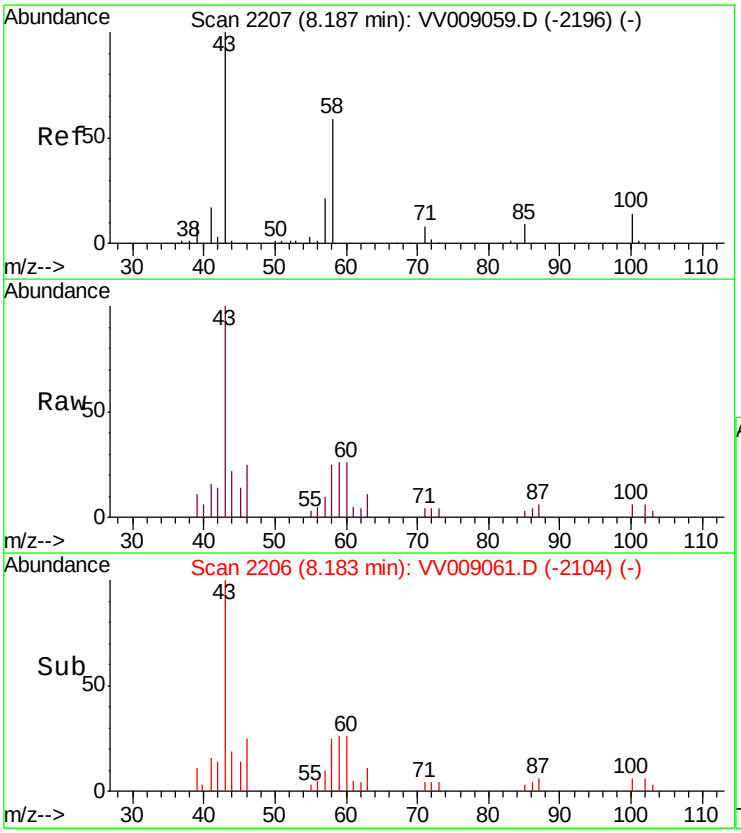
#43
4-Methyl-2-pentanone
Concen: 1.061 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV009061.D
Acq: 19 Dec 2018 21:29

Instrument : MSVOA_V
ClientSampleId : F9H10

Tgt Ion: 43 Resp: 1816

Ion	Ratio	Lower	Upper
43	100		
58	41.4	32.2	48.4
100	14.4	13.8	20.8

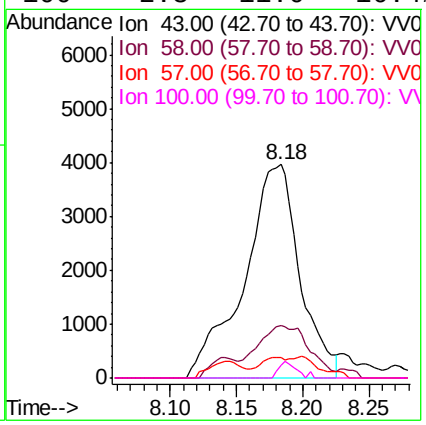


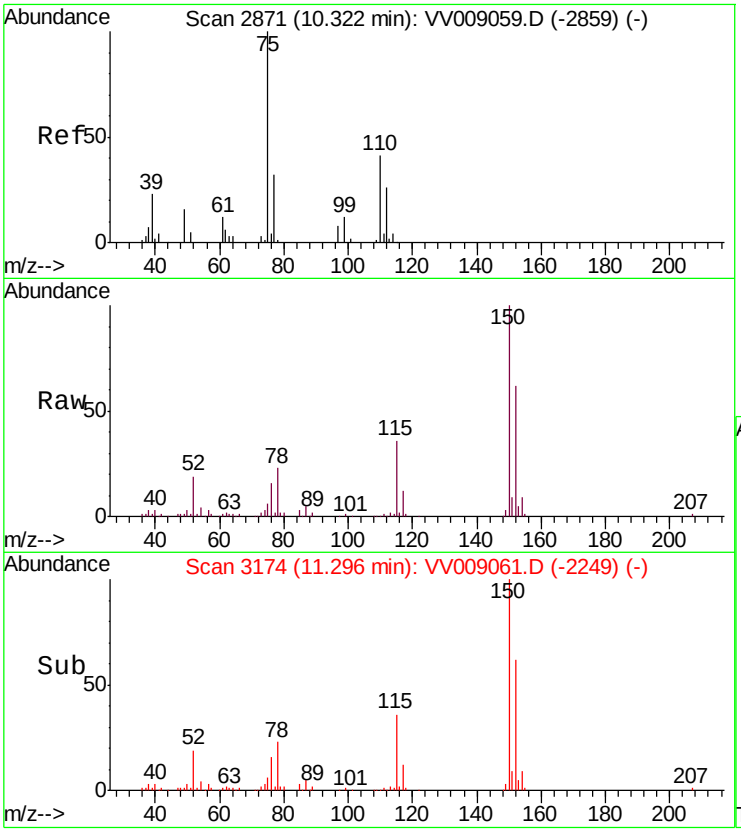


#49
2-Hexanone
Concen: 8.173 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV009061.D
Acq: 19 Dec 2018 21:29

Tgt Ion: 43 Resp: 11572

Ion	Ratio	Lower	Upper
43	100		
58	8.0	43.9	65.9#
57	2.1	15.7	23.5#
100	2.3	11.0	16.4#



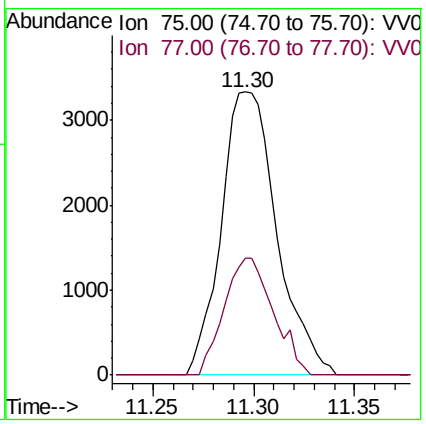


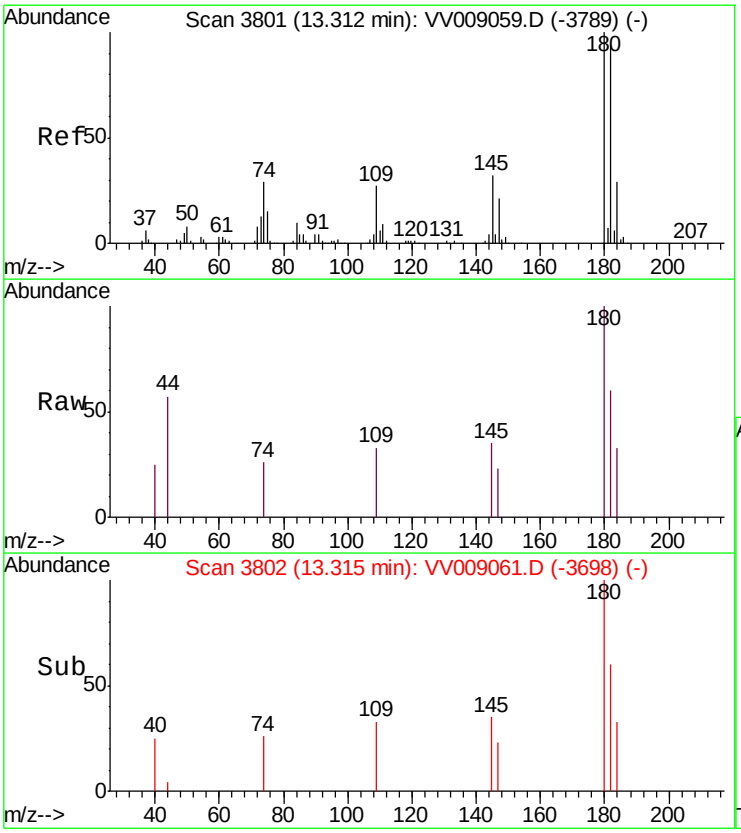
#59
1,2,3-Trichloropropane
Concen: 3.257 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009061.D
Acq: 19 Dec 2018 21:29

Instrument :
MSVOA_V
ClientSampleId :
F9H10

Tgt Ion: 75 Resp: 6427

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.6	38.4

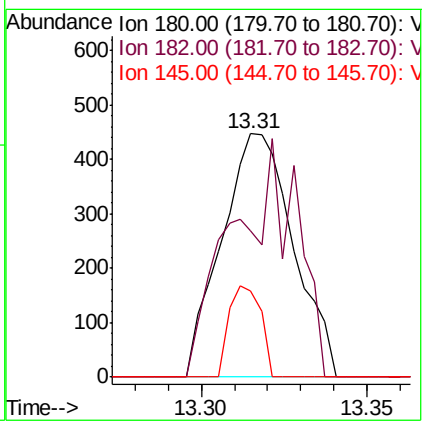


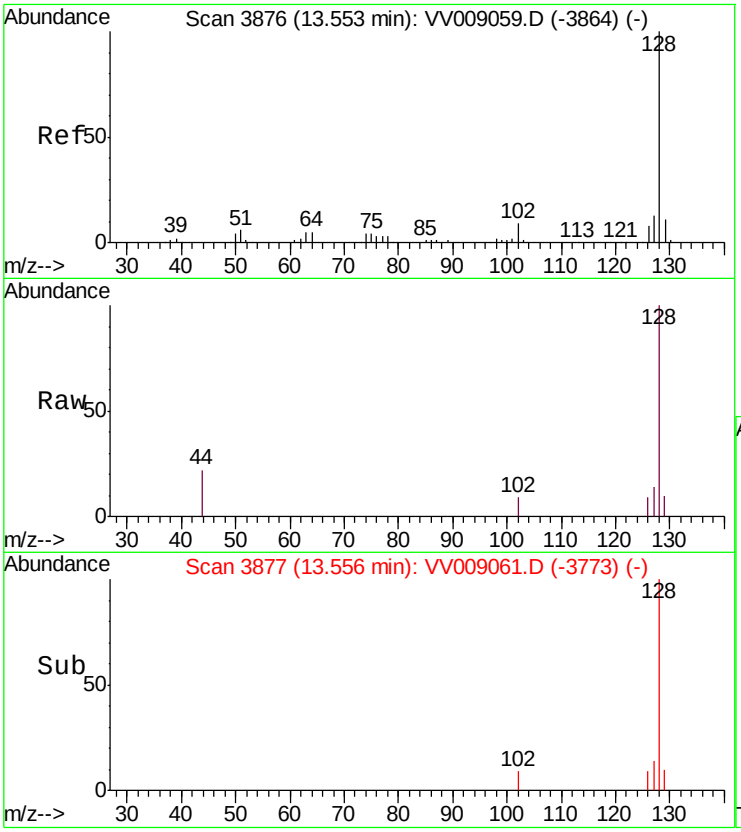


#68
1,2,4-trichlorobenzene
Concen: 0.345 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV009061.D
Acq: 19 Dec 2018 21:29

Tgt Ion:180 Resp: 673

Ion	Ratio	Lower	Upper
180	100		
182	46.7	77.4	116.0#
145	16.5	25.6	38.4#





#69
Naphthalene
Concen: 0.603 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009061.D
Acq: 19 Dec 2018 21:29

Instrument :
MSVOA_V
ClientSampleId :
F9H10

Tgt Ion:128 Resp: 2029

Ion	Ratio	Lower	Upper
128	100		
129	4.8	8.6	13.0#
127	6.8	10.0	15.0#