Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030519\

Quantitation Report (Not Reviewed)

Data File : VV009490.D
Acq On : 05 Mar 2019 16:26
Operator : SY/MD
Sample : VV0305SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK65

Quant Time: Mar 06 04:44:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152039	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61433	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45646	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.76%			
7) Chloroethane-d5	1.57	69	66580	25.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.64%			
10) 1,1-Dichloroethene-d2	2.12	63	88492	18.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.32%			
20) 2-Butanone-d5	3.95	46	34061	54.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.22%			
24) Chloroform-d	4.40	84	84056	23.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.84%			
26) 1,2-Dichloroethane-d4	5.08	65	51578	25.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%			
29) Benzene-d6	5.09	84	179144	26.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.52%			
33) 1,2-Dichloropropane-d6	6.12	67	53135	26.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.08%			
37) Toluene-d8	7.36	98	168060	25.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.52%			
38) trans-1,3-Dichloropropene-	7.66	79	23042	23.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.84%			
39) 2-Hexanone-d5	8.14	63	27666	59.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.46%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53254	25.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.72%			
61) 1,2-Dichlorobenzene-d4	11.67	152	55836	24.90	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.60%			
Target Compounds						Qvalue
6) Bromomethane	1.53	94	1460	0.570	ug/L	93
12) 1,1-Dichloroethene	2.13	96	1005	0.497	ug/L #	1
13) Acetone	2.21	43	956	1.508	ug/L	56
16) Methylene chloride	2.53	84	1716	0.860	ug/L	99
25) Chloroform	4.42	83	3426	0.960	ug/L	99
40) 1,2-Dichloropropane	6.11	63	5993	3.312	ug/L #	89
45) trans-1,3-Dichloropropene	7.66	75	1415	0.577	ug/L #	82
49) 2-Hexanone	8.19	43	1679	1.557	ug/L #	44
59) 1,2,3-Trichloropropane	11.30	75	8517	5.567	ug/L	89
63) 1,3-Dichlorobenzene	11.23	146	1012	0.264	ug/L	88
64) 1,4-Dichlorobenzene	11.32	146	1525	0.389	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.70	180	1413	0.513	ug/L	96
68) 1,2,4-trichlorobenzene	13.32	180	1752	0.795	ug/L #	85
69) Naphthalene	13.56	128	4775	1.029	ug/L #	91
70) 1,2,3-Trichlorobenzene	13.80	180	1621	0.800	ug/L #	65

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030519\

Quantitation Report (Not Reviewed)

Data File : VV009490.D
Acq On : 05 Mar 2019 16:26
Operator : SY/MD
Sample : VV0305SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK65

Quant Time: Mar 06 04:44:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

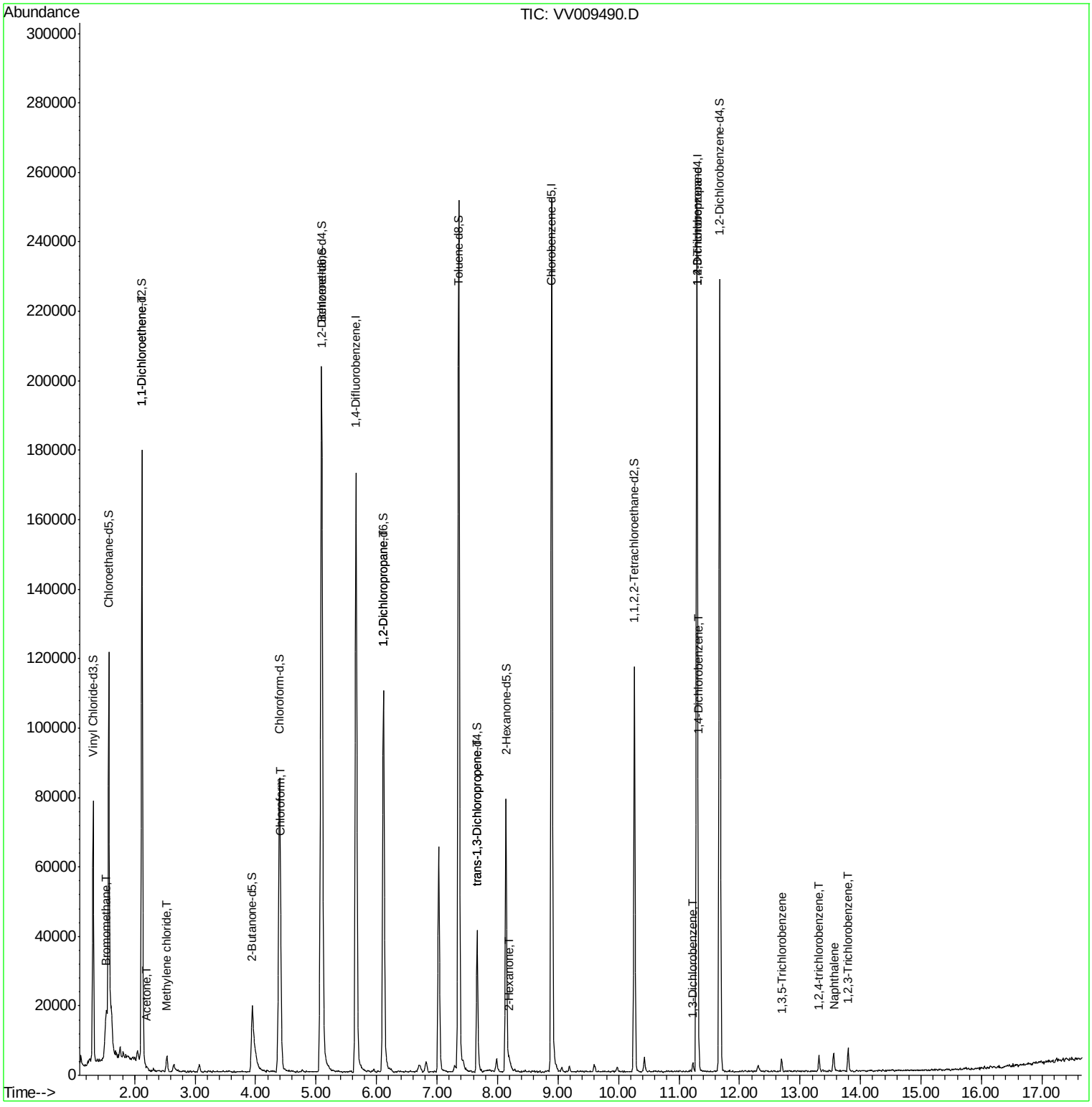
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030519\

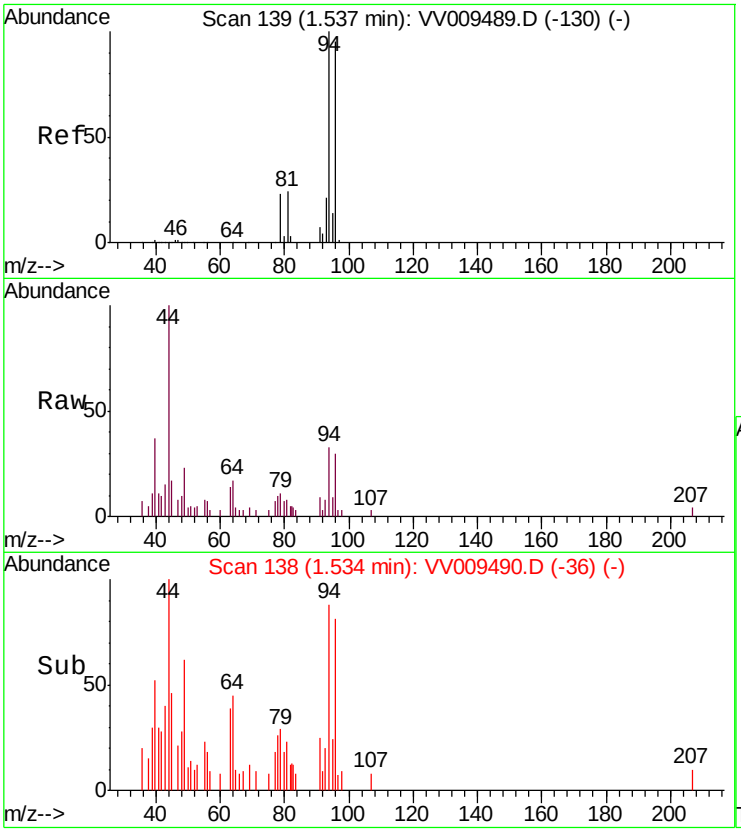
Quantitation Report (Not Reviewed)

Data File : VV009490.D
Acq On : 05 Mar 2019 16:26
Operator : SY/MD
Sample : VV0305SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK65

Quant Time: Mar 06 04:44:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration



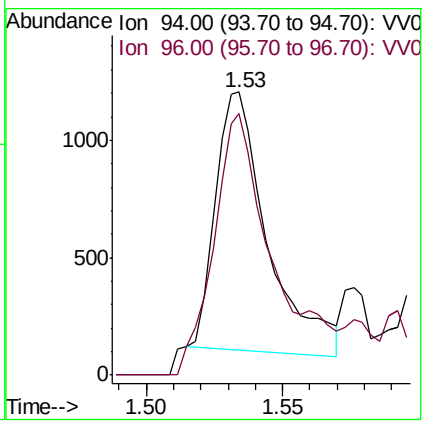


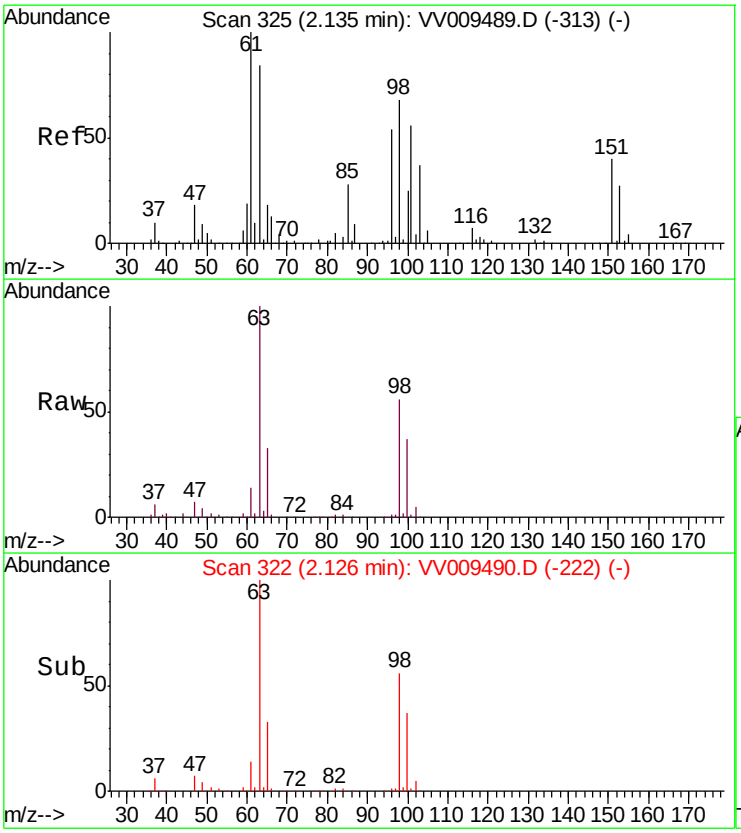
#6
Bromomethane
Concen: 0.570 ug/L
RT: 1.53 min Scan# 138
Delta R.T. -0.00 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion: 94 Resp: 1460

Ion	Ratio	Lower	Upper
94	100		
96	102.7	9.5	181.4

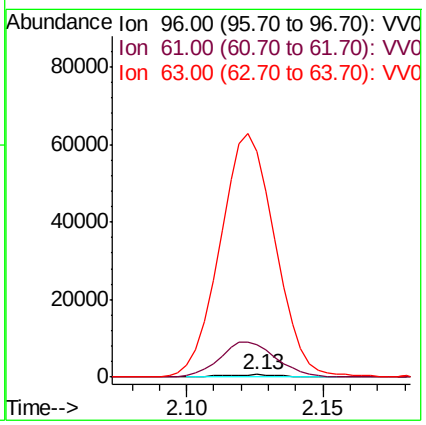


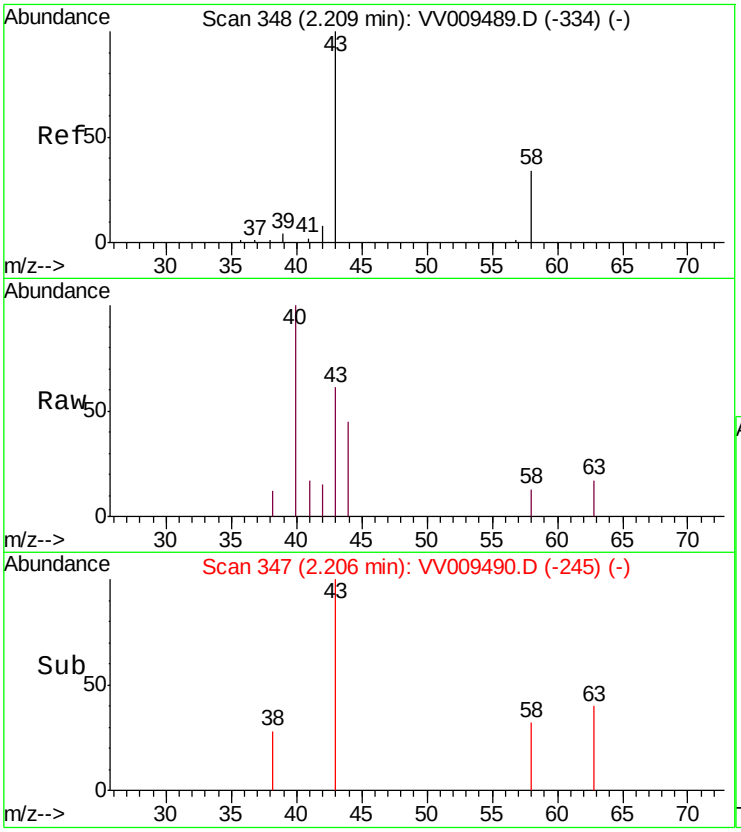


#12
1,1-Dichloroethene
Concen: 0.497 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Tgt Ion: 96 Resp: 1005

Ion	Ratio	Lower	Upper
96	100		
61	1376.9	136.9	254.3#
63	9534.4	108.7	201.9#



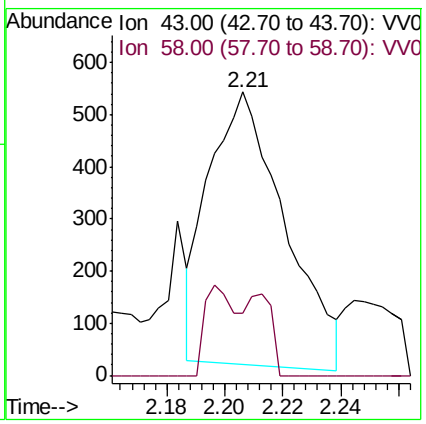


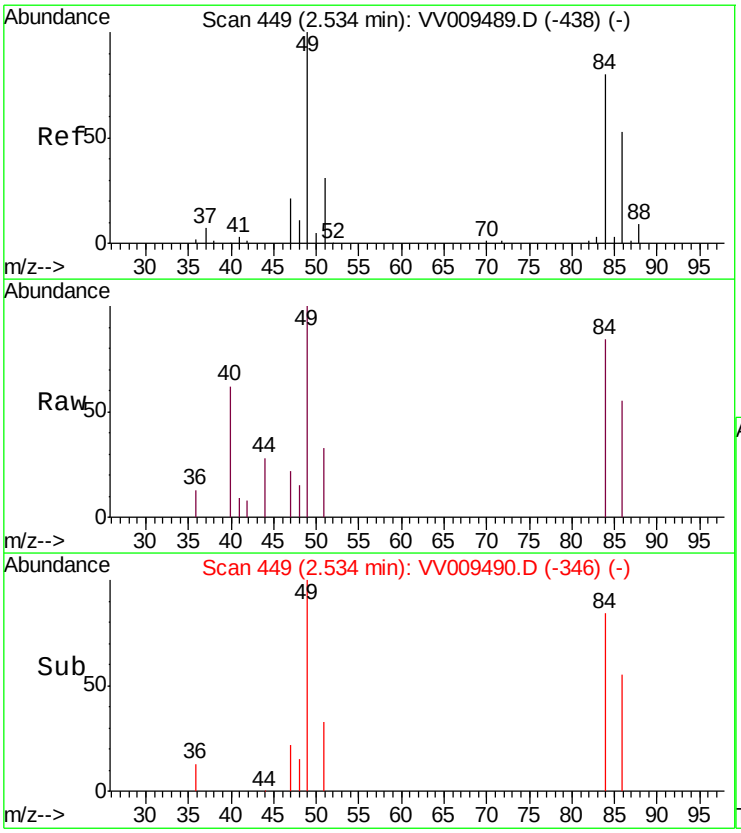
#13
Acetone
Concen: 1.508 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.00 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Instrument : MSVOA_V
ClientSampleId : VBLK65

Tgt Ion: 43 Resp: 956

Ion	Ratio	Lower	Upper
43	100		
58	8.9	0.0	68.8

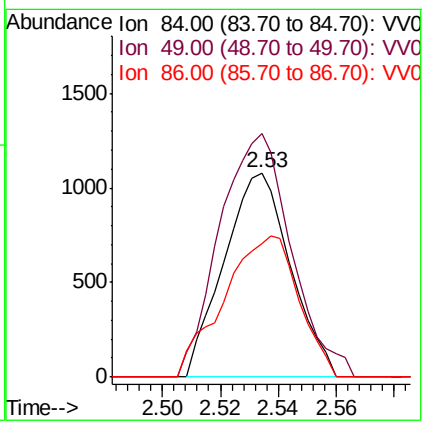


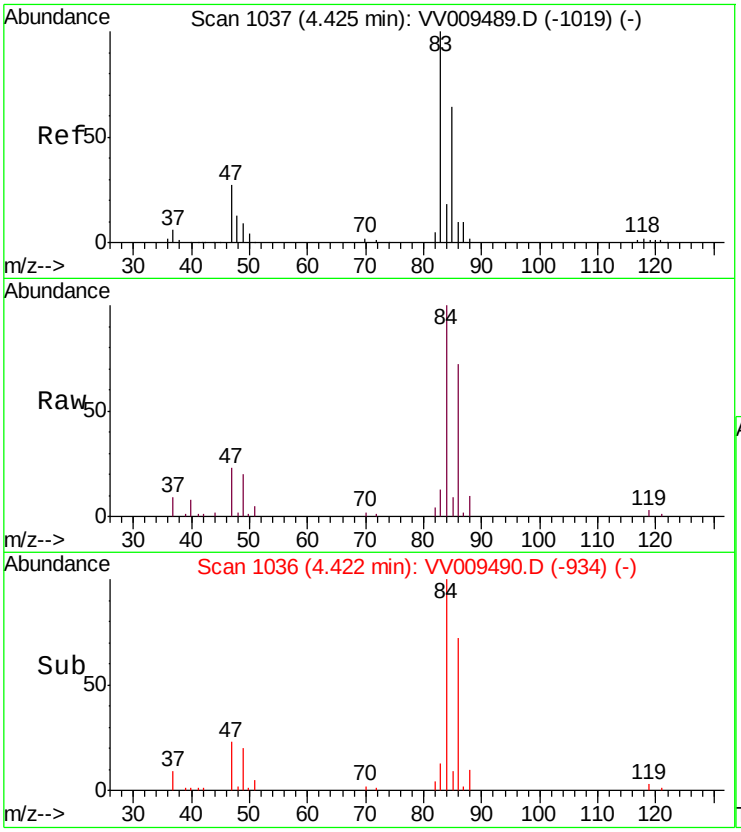


#16
Methylene chloride
Concen: 0.860 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Tgt Ion: 84 Resp: 1716

Ion	Ratio	Lower	Upper
84	100		
49	119.1	84.6	157.0
86	65.1	46.1	85.7



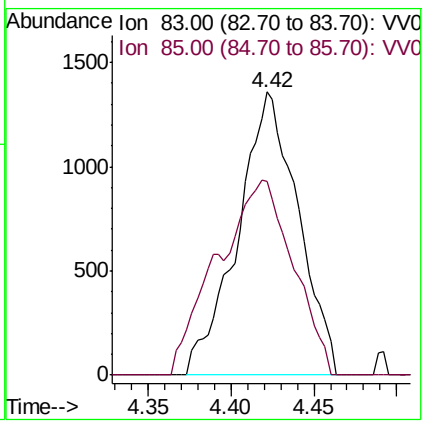


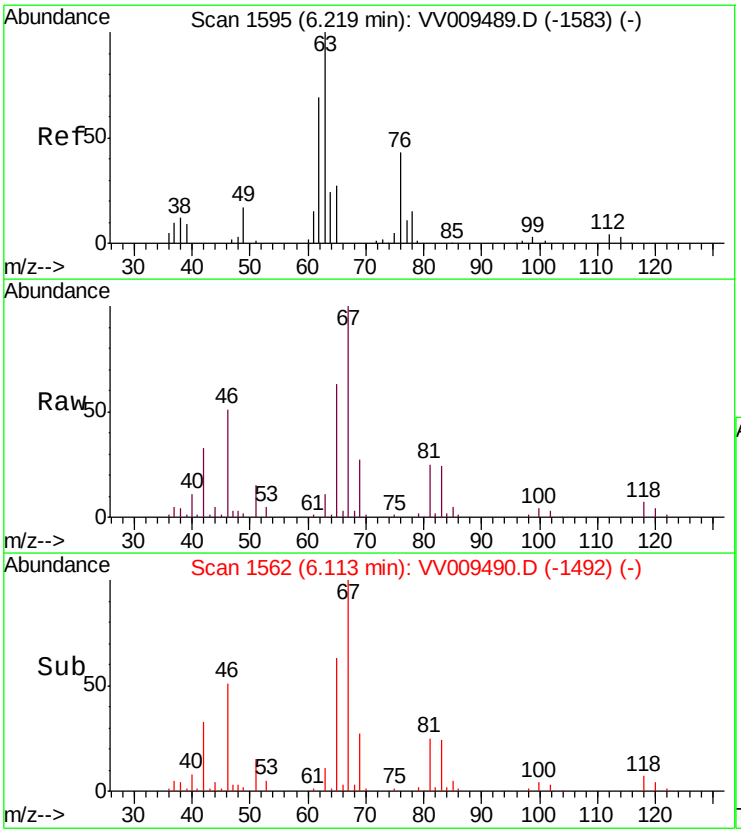
#25
Chloroform
Concen: 0.960 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion: 83 Resp: 3426

Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.4	84.2

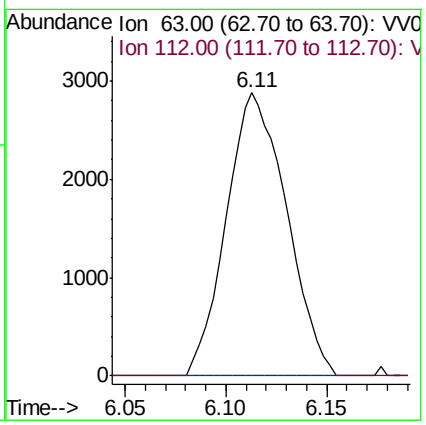


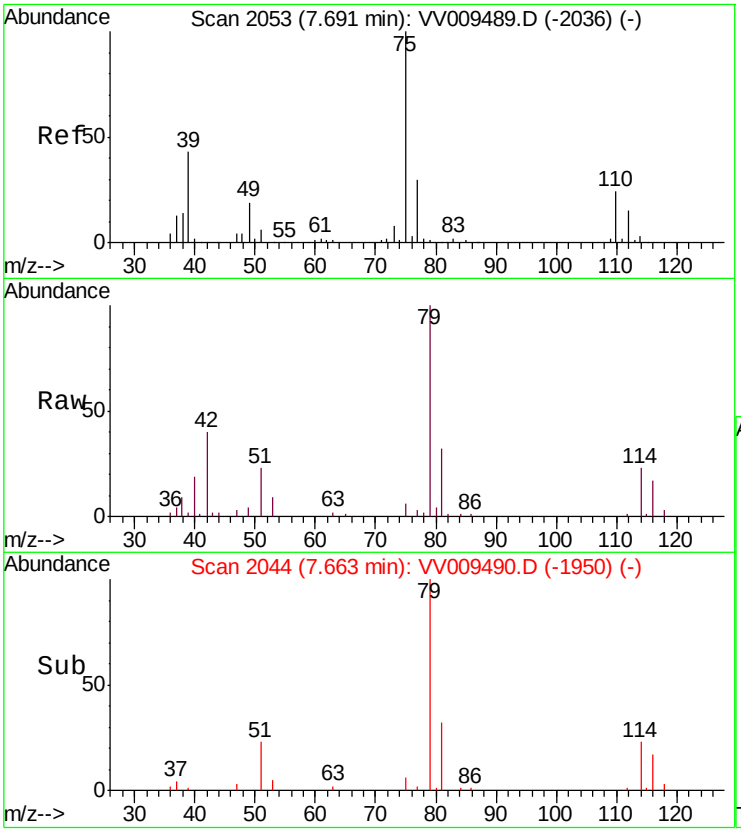


#40
1,2-Dichloropropane
Concen: 3.312 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Tgt Ion: 63 Resp: 5993

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



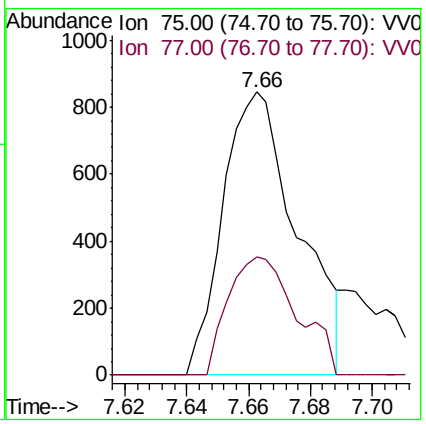


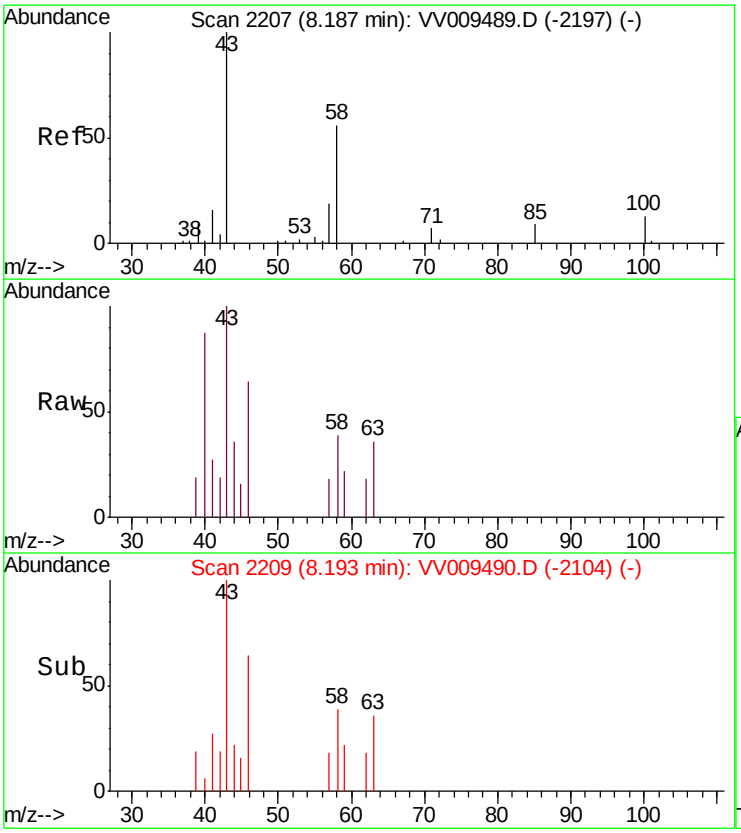
#45
trans-1,3-Dichloropropene
Concen: 0.577 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion: 75 Resp: 1415

Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.5	41.7#

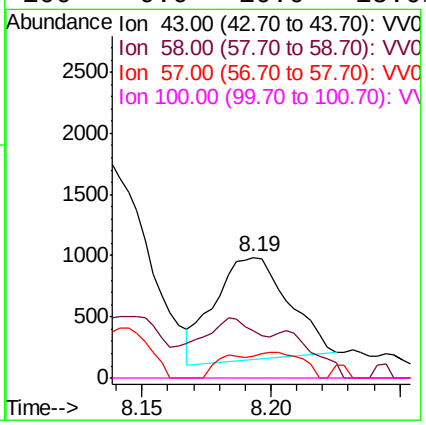


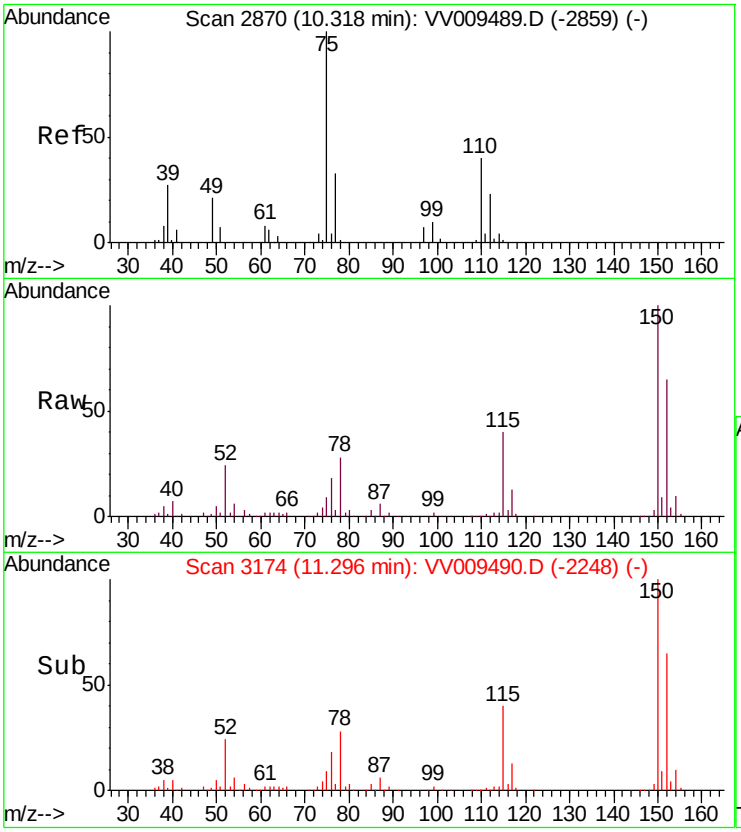


#49
2-Hexanone
Concen: 1.557 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Tgt Ion: 43 Resp: 1679

Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.3	69.5#
57	16.6	15.8	23.6
100	0.0	10.0	15.0#



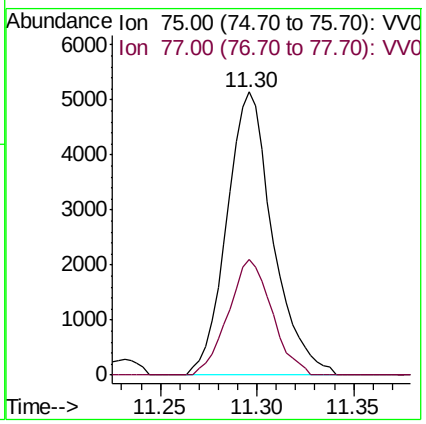


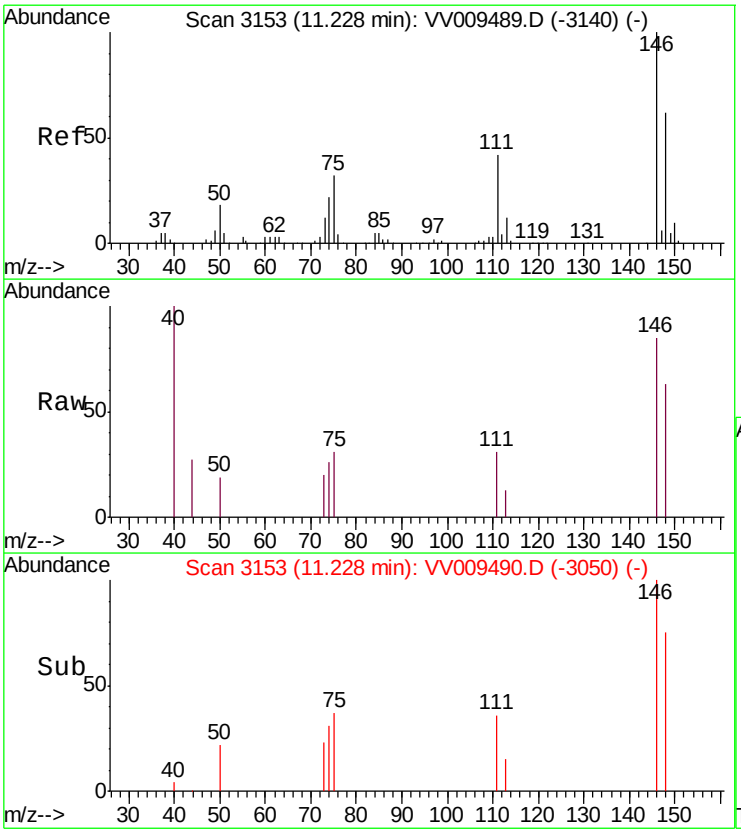
#59
1,2,3-Trichloropropane
Concen: 5.567 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion: 75 Resp: 8517

Ion	Ratio	Lower	Upper
75	100		
77	38.7	25.9	38.9

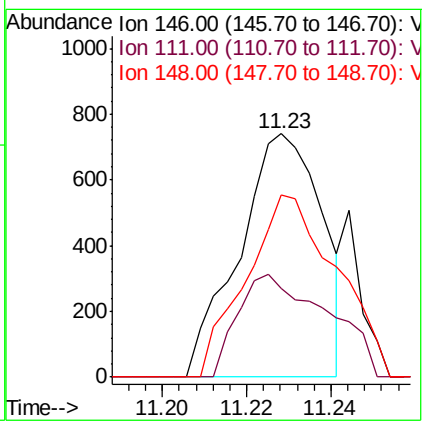


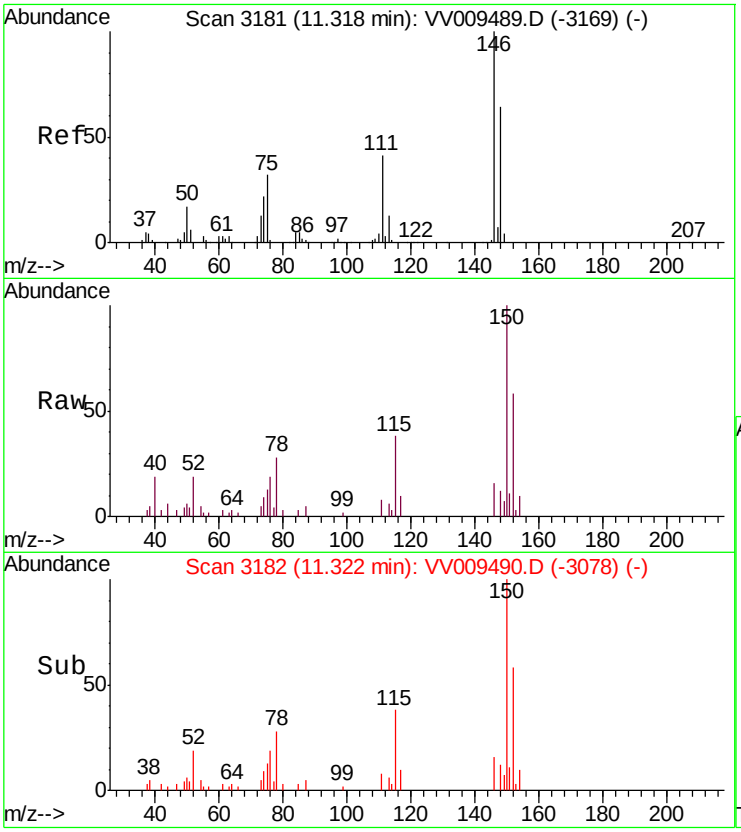


#63
1,3-Dichlorobenzene
Concen: 0.264 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. 0.00 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Tgt Ion:146 Resp: 1012

Ion	Ratio	Lower	Upper
146	100		
111	36.3	29.6	55.0
148	74.9	44.8	83.2



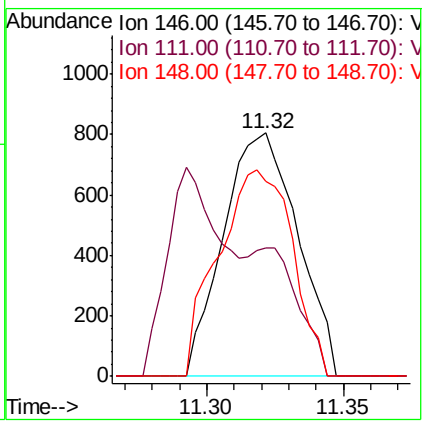


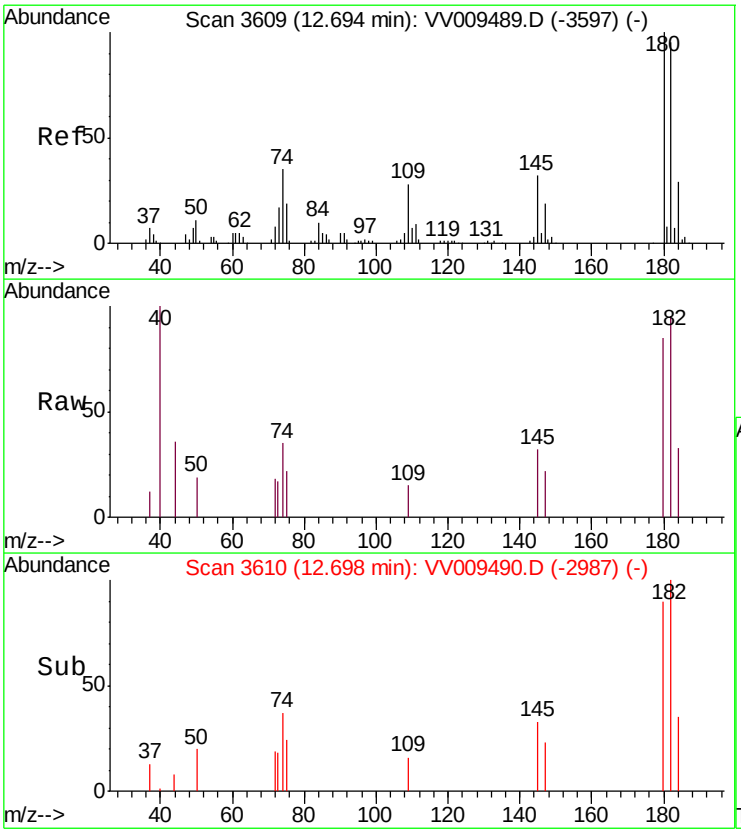
#64
1,4-Dichlorobenzene
Concen: 0.389 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion:146 Resp: 1525

Ion	Ratio	Lower	Upper
146	100		
111	52.7	29.2	54.2
148	80.3	43.0	79.8#

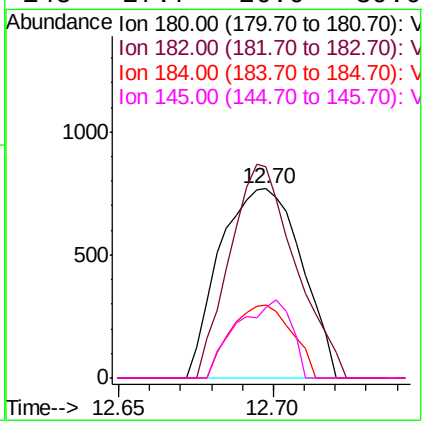


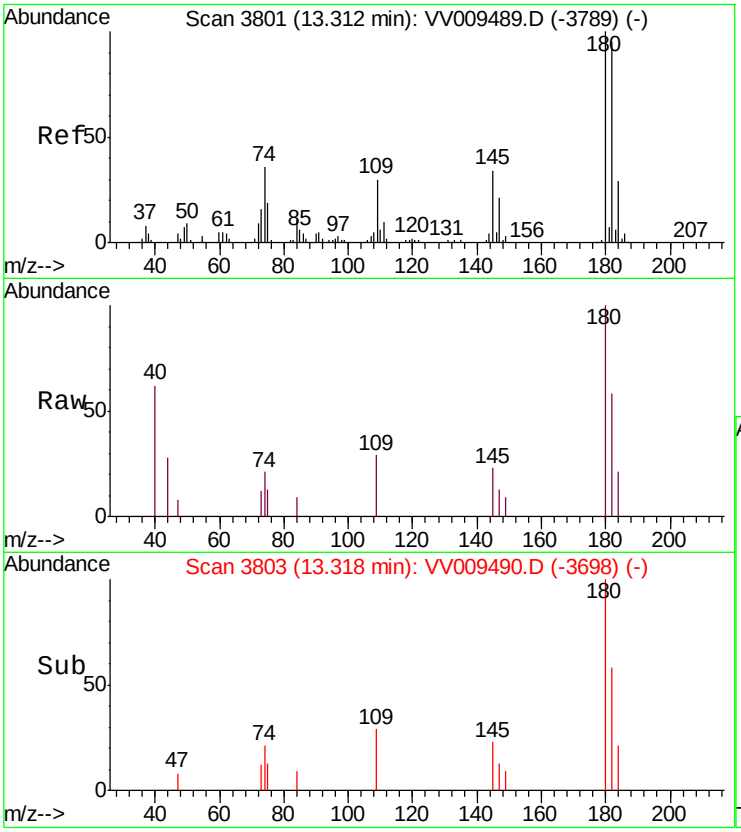


#67
1,3,5-Trichlorobenzene
Concen: 0.513 ug/L
RT: 12.70 min Scan# 3610
Delta R.T. 0.00 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Tgt Ion:180 Resp: 1413

Ion	Ratio	Lower	Upper
180	100		
182	90.6	75.4	113.2
184	28.9	23.9	35.9
145	27.7	26.0	39.0



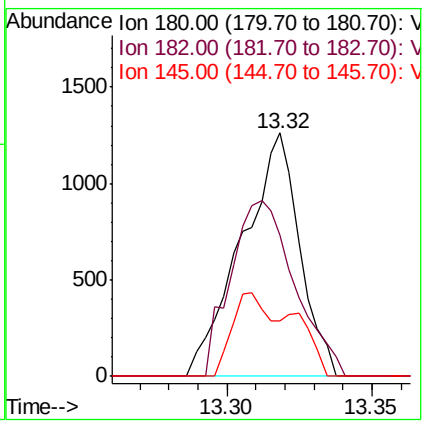


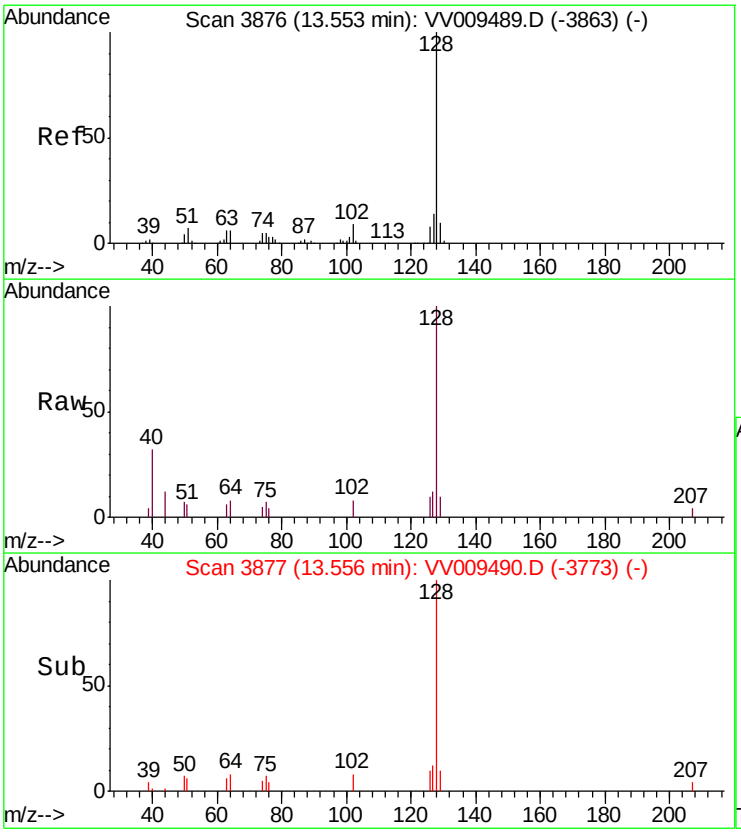
#68
1,2,4-trichlorobenzene
Concen: 0.795 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.01 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion:180 Resp: 1752

Ion	Ratio	Lower	Upper
180	100		
182	79.9	75.9	113.9
145	24.3	26.2	39.4#

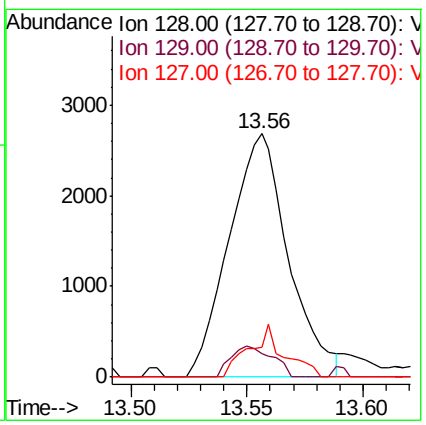


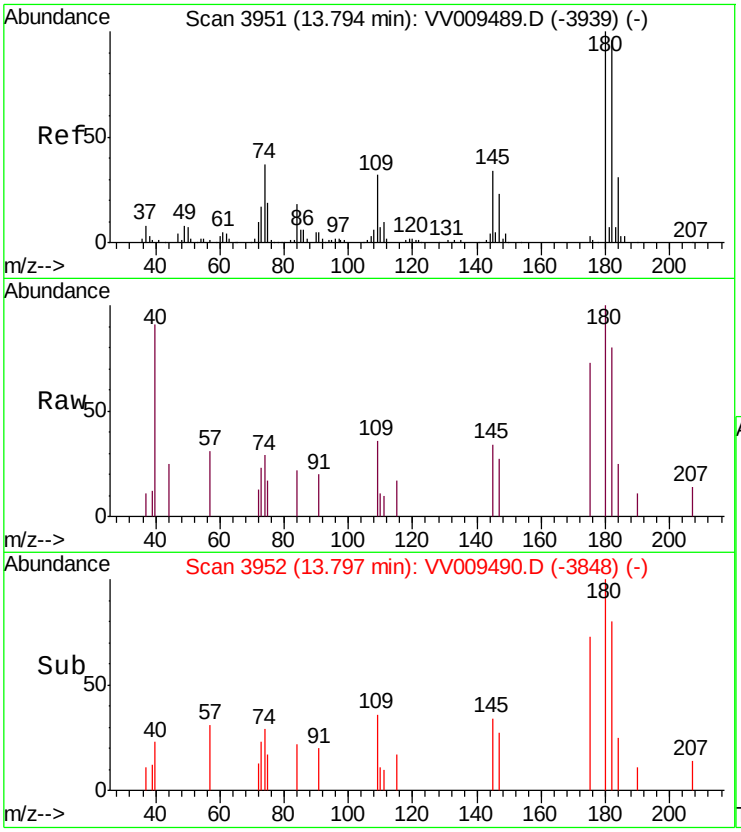


#69
Naphthalene
Concen: 1.029 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Tgt Ion:128 Resp: 4775

Ion	Ratio	Lower	Upper
128	100		
129	8.8	8.8	13.2
127	8.3	10.6	16.0#





#70
1,2,3-Trichlorobenzene
Concen: 0.800 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV009490.D
Acq: 05 Mar 2019 16:26

Instrument :
MSVOA_V
ClientSampleId :
VBLK65

Tgt Ion:180 Resp: 1621

Ion	Ratio	Lower	Upper
180	100		
182	47.8	74.2	111.2#
145	32.8	27.7	41.5