Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AB8

Quant Time: Nov 13 04:20:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403740	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316162	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	95984	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	122768	24.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.56%			
7) Chloroethane-d5	2.89	69	104110	26.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.28%			
10) 1,1-Dichloroethene-d2	4.02	63	162310	17.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.36%			
20) 2-Butanone-d5	7.07	46	54384	47.82	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.64%			
24) Chloroform-d	7.65	84	251006	26.63	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.52%			
26) 1,2-Dichloroethane-d4	8.31	65	125498	26.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.12%			
29) Benzene-d6	8.27	84	488313	30.33	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 121.32%			
33) 1,2-Dichloropropane-d6	9.27	67	138059	31.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 124.00%#			
37) Toluene-d8	10.32	98	423720	27.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 111.64%			
38) trans-1,3-Dichloropropene-	10.58	79	51100	25.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.80%			
39) 2-Hexanone-d5	10.93	63	43350	55.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.56%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101045	26.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.20%			
61) 1,2-Dichlorobenzene-d4	13.85	152	88851	26.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.08%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.02	96	1394	0.278	ug/L #	1
13) Acetone	4.14	43	3623	4.758	ug/L	94
16) Methylene chloride	4.92	84	19026	3.495	ug/L	95
36) Methylcyclohexane	9.27	83	36559	4.885	ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4213	0.685	ug/L	88
43) 4-Methyl-2-pentanone	10.21	43	2228	0.931	ug/L	91
44) Toluene	10.39	91	5302	0.290	ug/L	98
45) trans-1,3-Dichloropropene	10.59	75	2302	0.436	ug/L #	81
66) 1,2-Dibromo-3-chloropropan	14.46	75	1894	5.320	ug/L #	1
68) 1,2,4-trichlorobenzene	15.14	180	756	0.215	ug/L #	1
69) Naphthalene	15.37	128	121698	18.834	ug/L	97
70) 1,2,3-Trichlorobenzene	15.57	180	1971	0.614	ug/L #	1

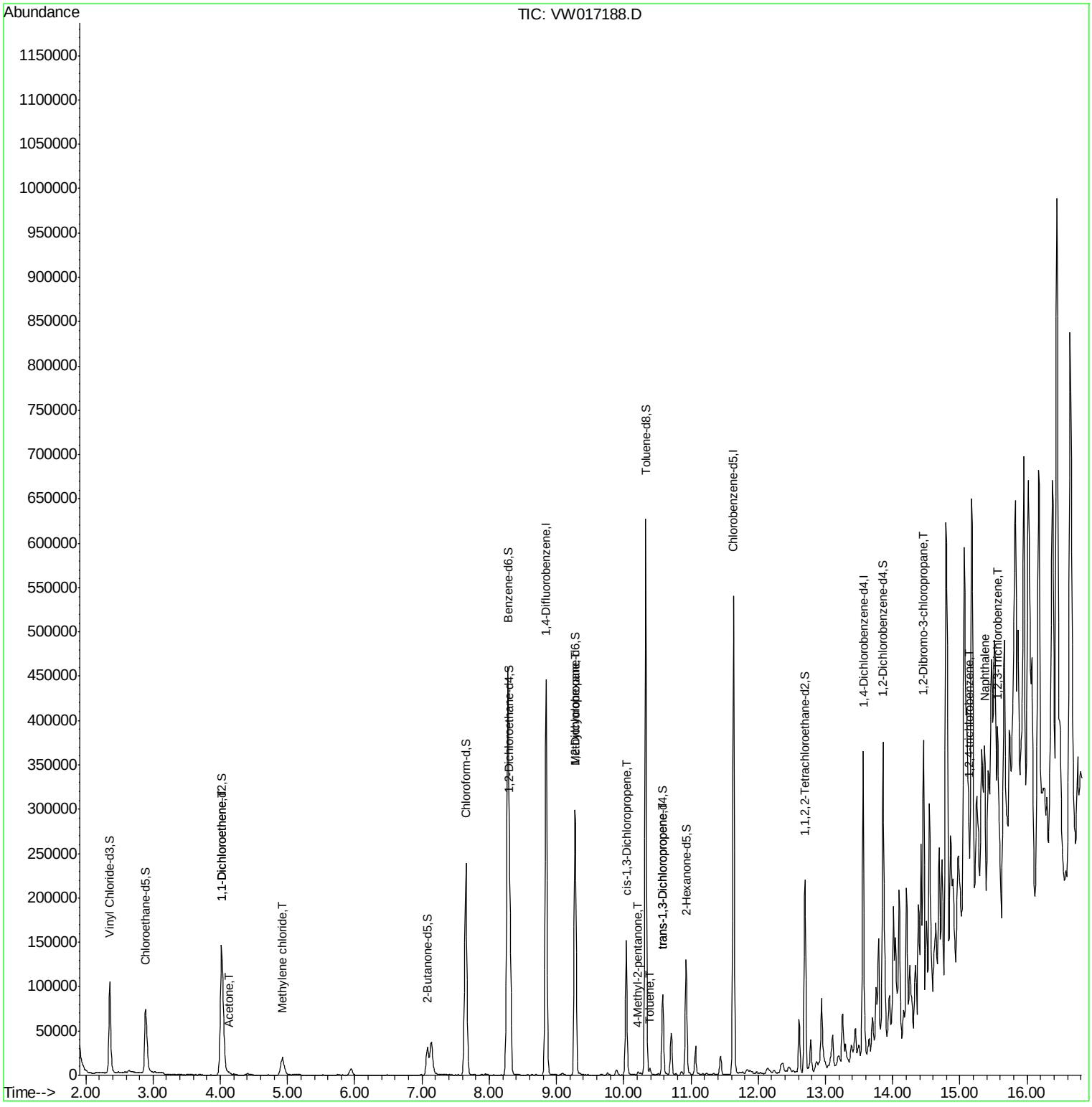
(#) = qualifier out of range (m) = manual integration (+) = signals summed

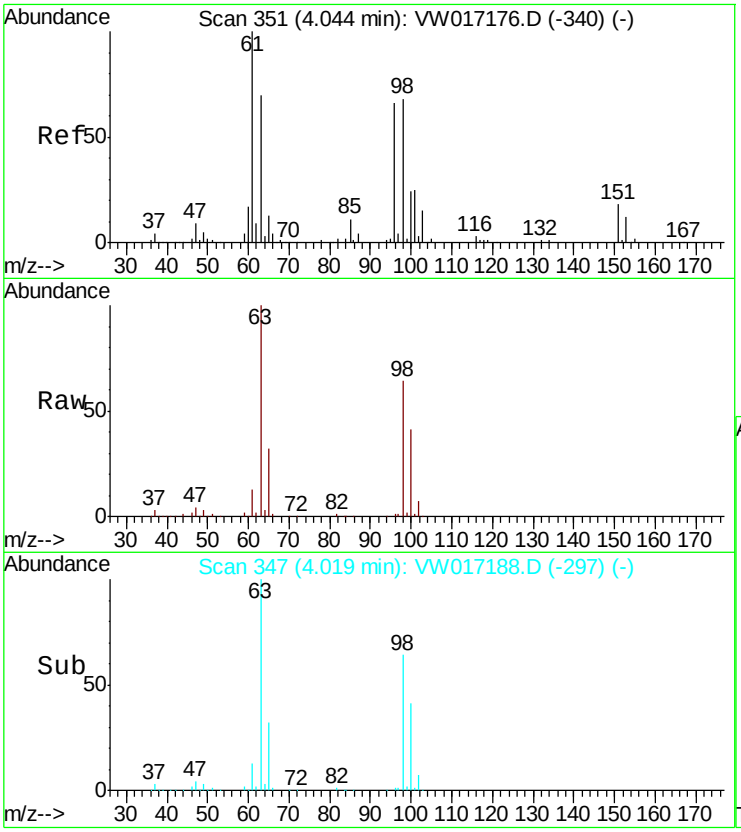
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111220\
Data File : VW017188.D
Acq On : 12 Nov 2020 16:32
Operator : SY/VA
Sample : L4727-03
Misc : 5.16G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

Quant Time: Nov 13 04:20:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration



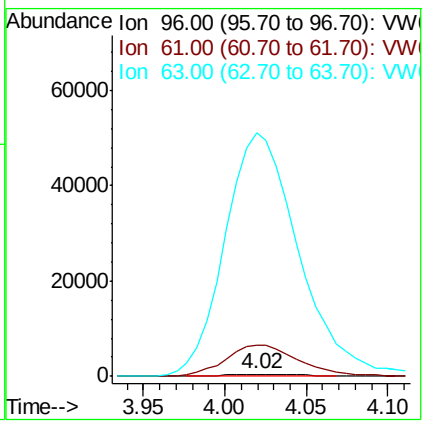


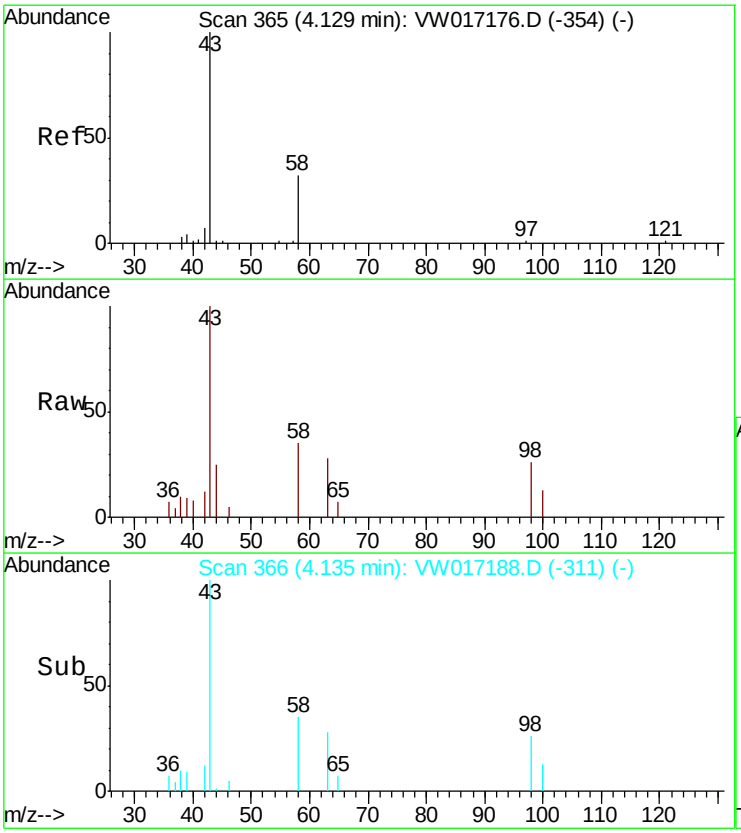
#12
1,1-Dichloroethene
Concen: 0.278 ug/L
RT: 4.02 min Scan# 347
Delta R.T. -0.02 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Instrument : MSVOA_W
ClientSampleId : C0AB8

Tgt Ion: 96 Resp: 1394

Ion	Ratio	Lower	Upper
96	100		
61	1430.9	103.8	192.8#
63	11205.3	84.4	156.7#

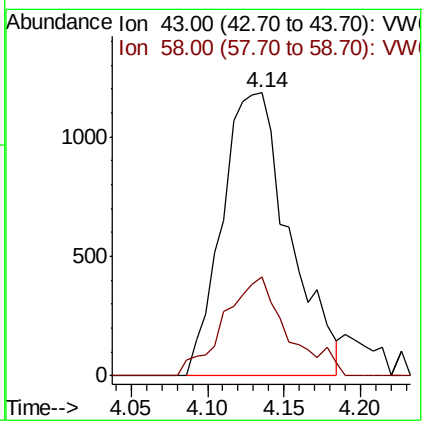


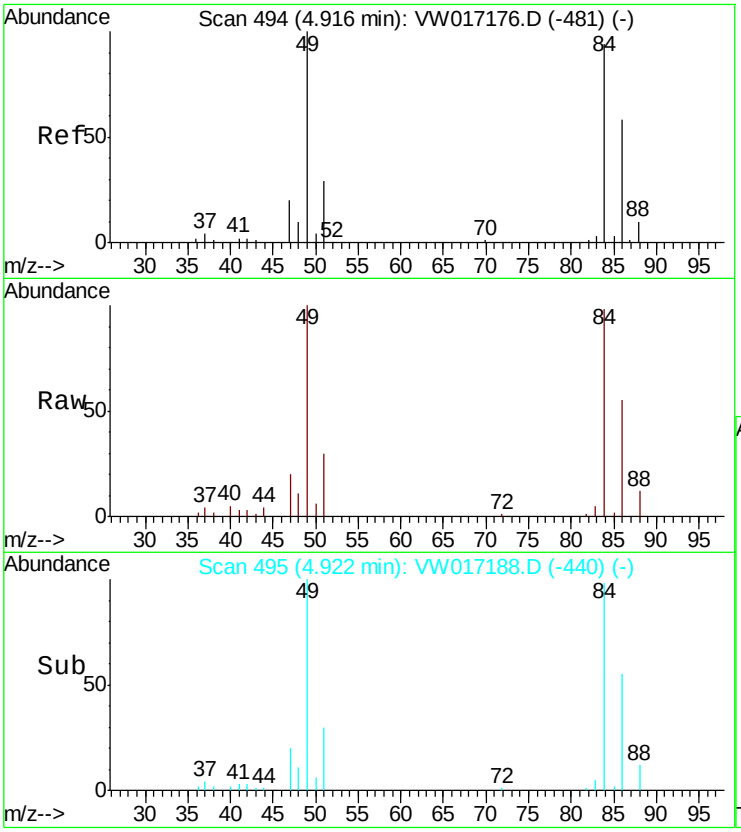


#13
Acetone
Concen: 4.758 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Tgt Ion: 43 Resp: 3623

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	69.2



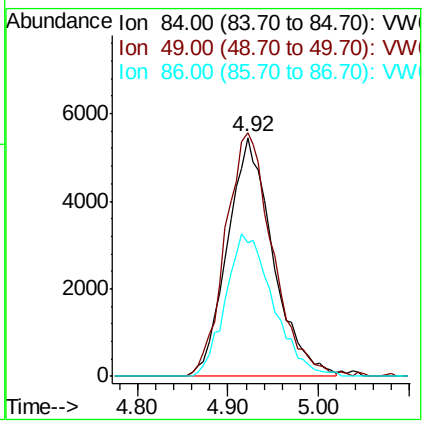


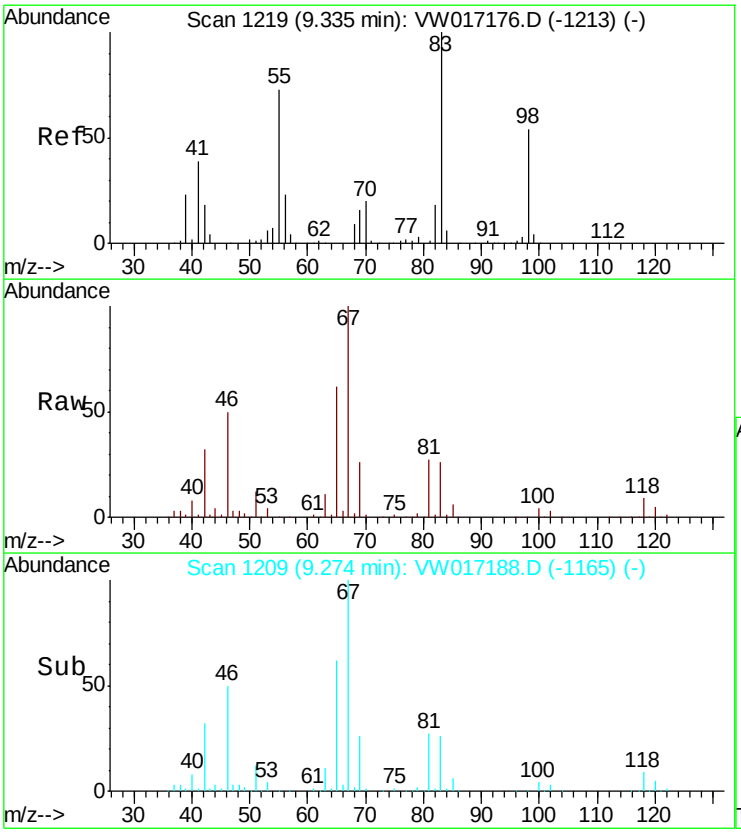
#16
Methylene chloride
Concen: 3.495 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Instrument : MSVOA_W
ClientSampleId : C0AB8

Tgt Ion: 84 Resp: 19026

Ion	Ratio	Lower	Upper
84	100		
49	101.9	72.3	134.3
86	55.8	45.1	83.7

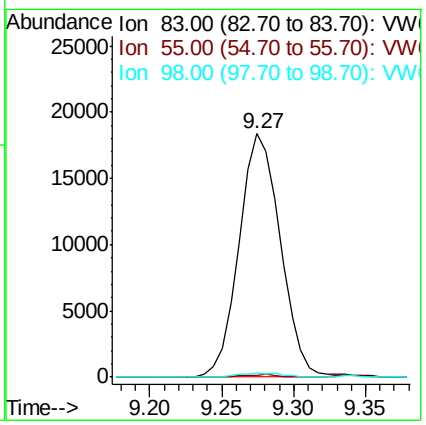


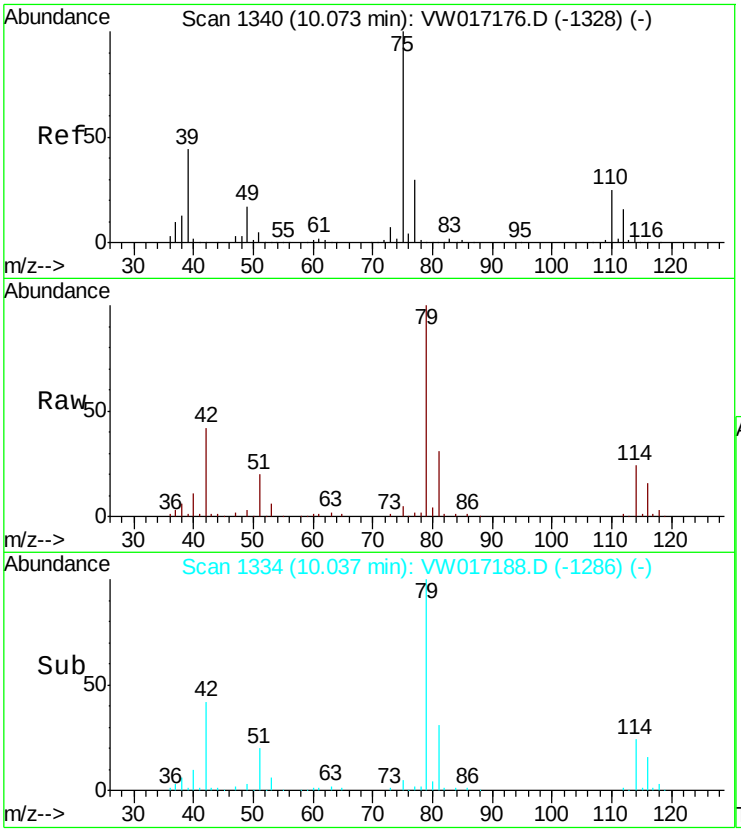


#36
Methylcyclohexane
Concen: 4.885 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Tgt Ion: 83 Resp: 36559

Ion	Ratio	Lower	Upper
83	100		
55	0.8	54.4	81.6#
98	1.8	40.5	60.7#



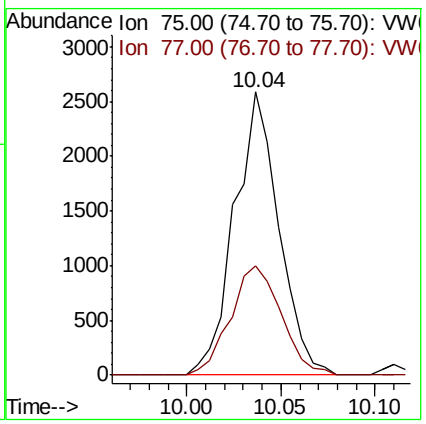


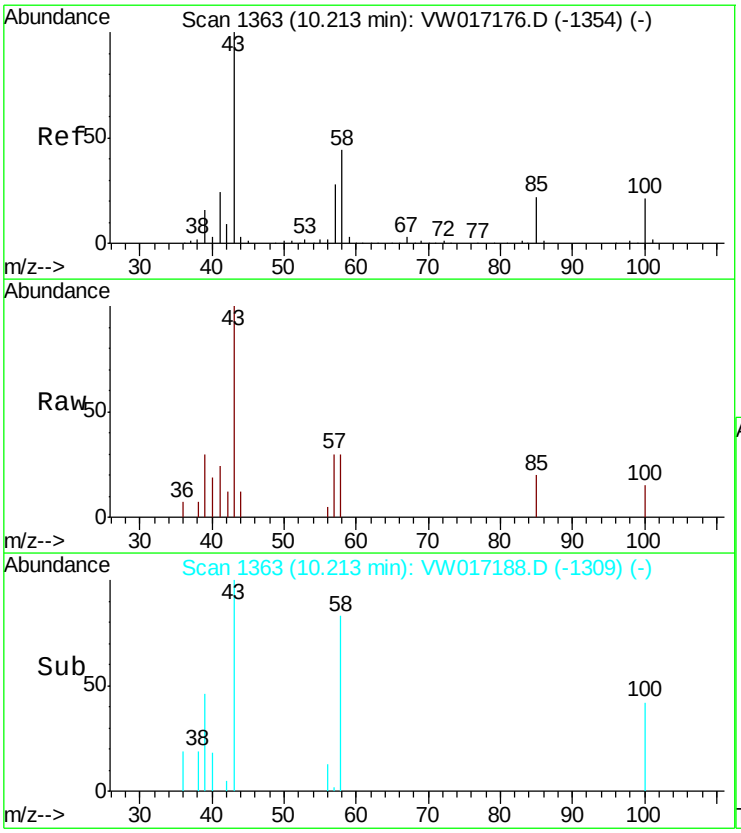
#42
cis-1,3-Dichloropropene
Concen: 0.685 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Instrument : MSVOA_W
ClientSampleId : C0AB8

Tgt Ion: 75 Resp: 4213

Ion	Ratio	Lower	Upper
75	100		
77	38.4	22.0	41.0

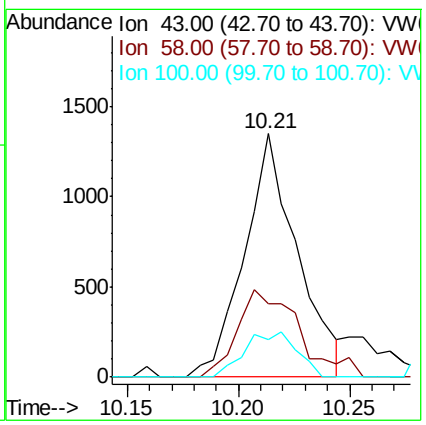


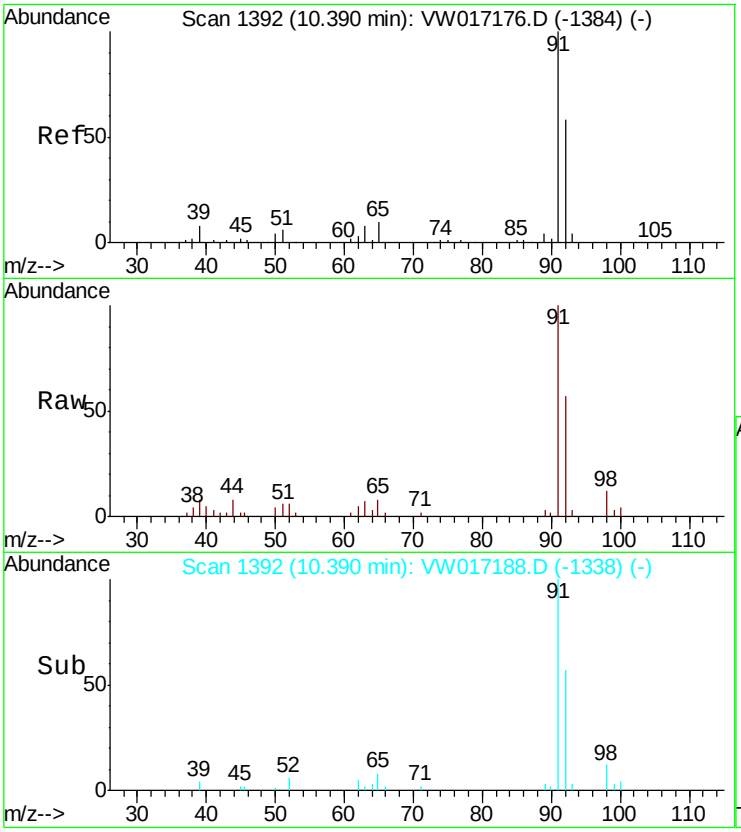


#43
4-Methyl-2-pentanone
Concen: 0.931 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Tgt Ion: 43 Resp: 2228

Ion	Ratio	Lower	Upper
43	100		
58	37.0	35.0	52.6
100	18.2	16.6	24.8



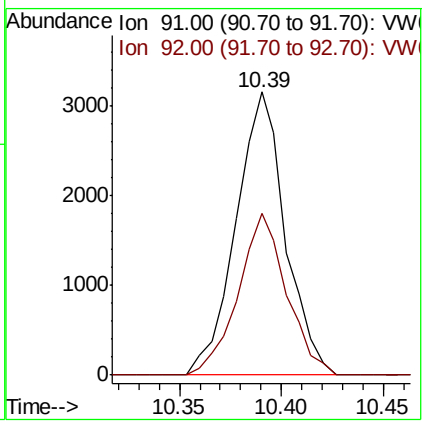


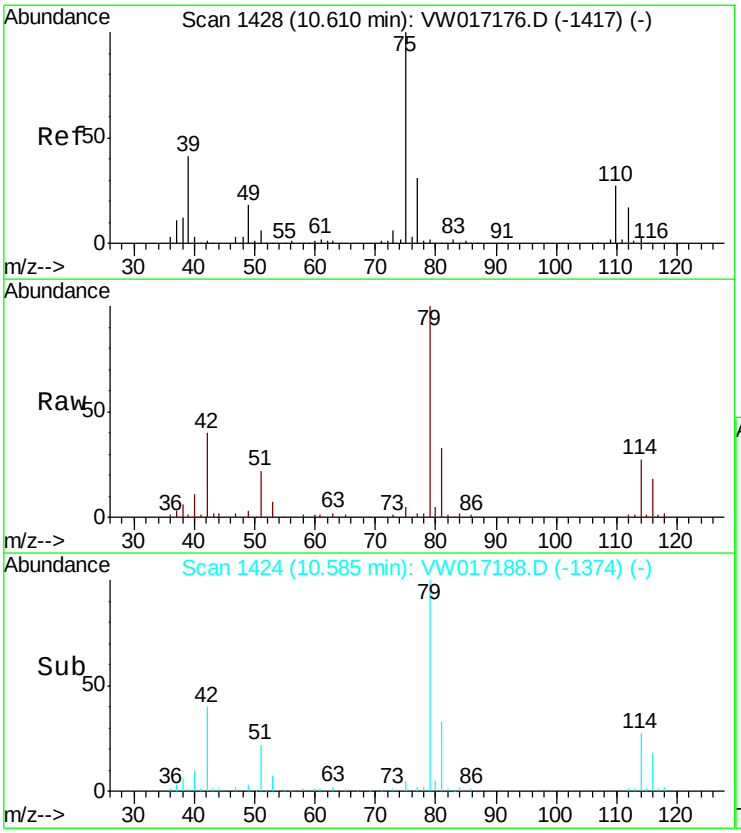
#44
Toluene
Concen: 0.290 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Instrument : MSVOA_W
ClientSampleId : C0AB8

Tgt Ion: 91 Resp: 5302

Ion	Ratio	Lower	Upper
91	100		
92	57.4	41.4	76.8

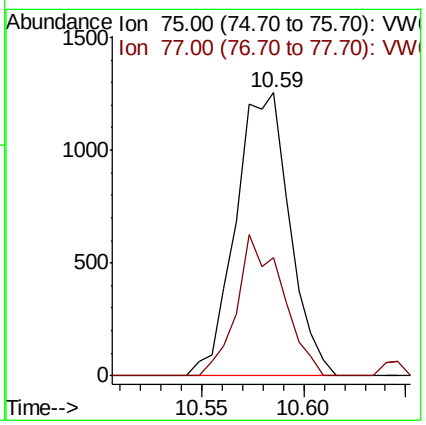


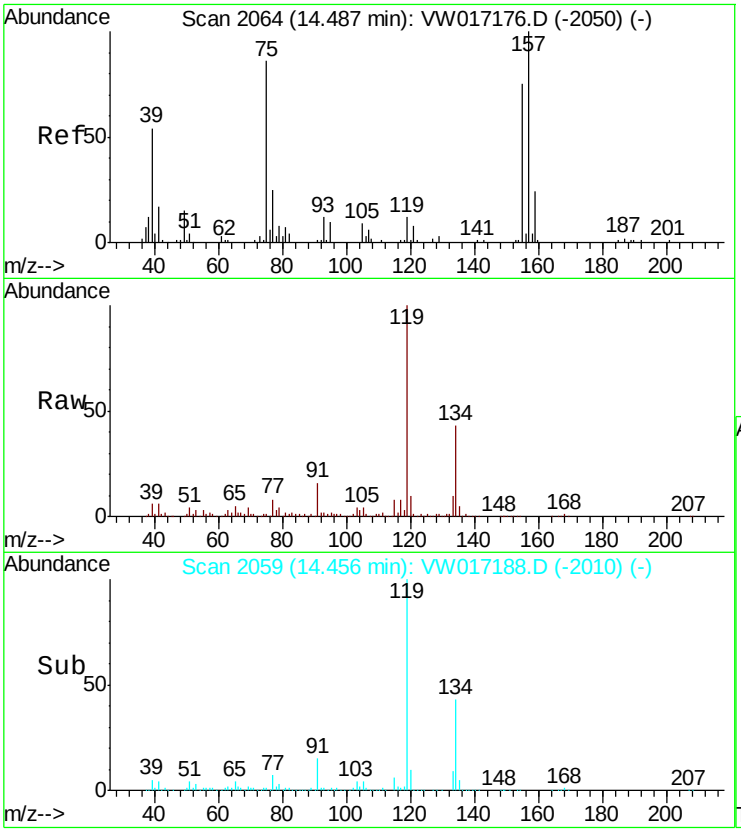


#45
trans-1,3-Dichloropropene
Concen: 0.436 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Tgt Ion: 75 Resp: 2302

Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.1	41.1#



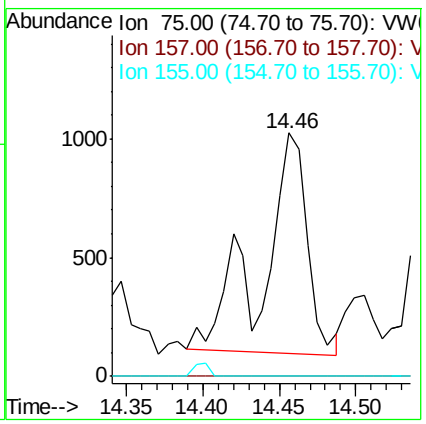


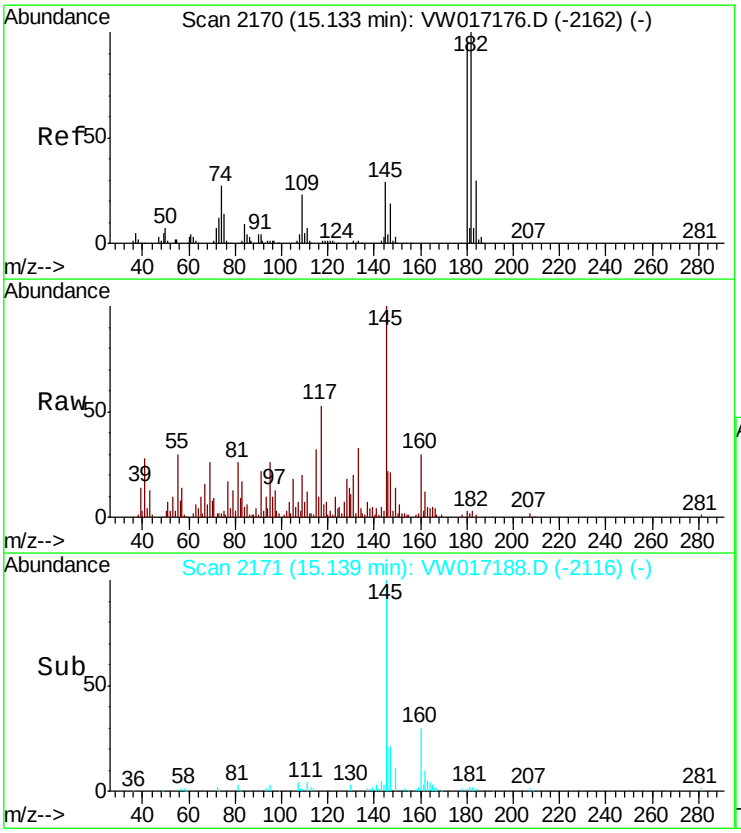
#66
1,2-Dibromo-3-chloropropane
Concen: 5.320 ug/L
RT: 14.46 min Scan# 2059
Delta R.T. -0.03 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Instrument :
MSVOA_W
ClientSampleId :
C0AB8

Tgt Ion: 75 Resp: 1894

Ion	Ratio	Lower	Upper
75	100		
157	0.0	108.2	162.4#
155	0.0	79.1	118.7#

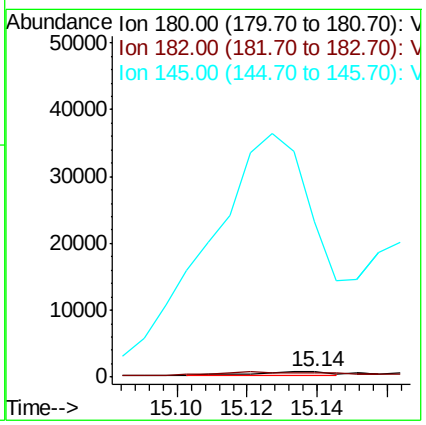


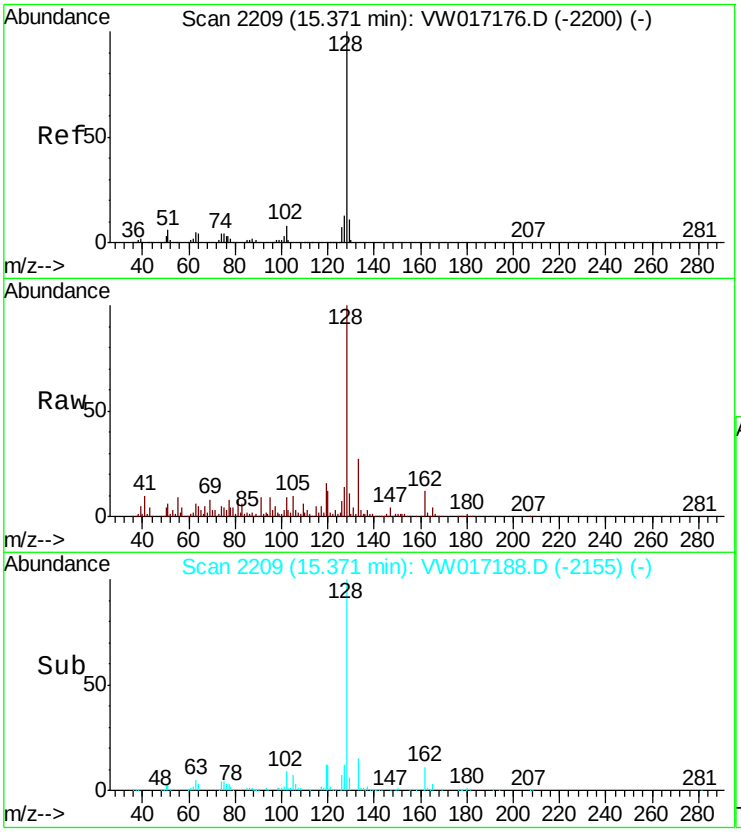


#68
1,2,4-trichlorobenzene
Concen: 0.215 ug/L
RT: 15.14 min Scan# 2171
Delta R.T. 0.01 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Tgt Ion:180 Resp: 756

Ion	Ratio	Lower	Upper
180	100		
182	91.1	76.7	115.1
145	10301.9	23.6	35.4#



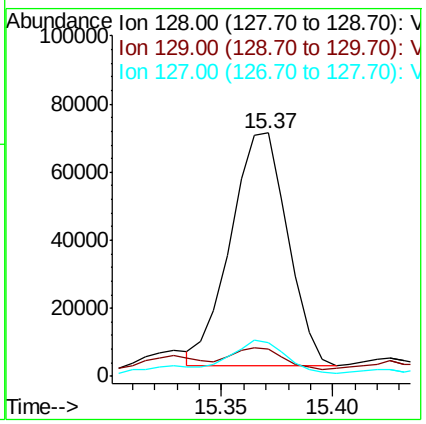


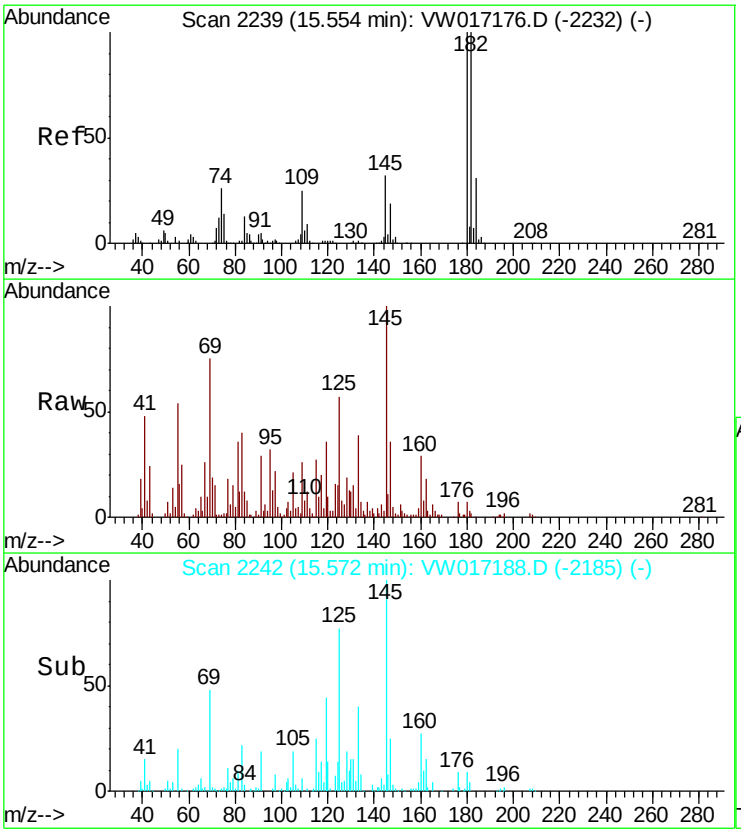
#69
Naphthalene
Concen: 18.834 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Instrument : MSVOA_W
ClientSampleId : C0AB8

Tgt Ion:128 Resp: 121698

Ion	Ratio	Lower	Upper
128	100		
129	8.7	8.6	12.8
127	13.0	10.2	15.2





#70
1,2,3-Trichlorobenzene
Concen: 0.614 ug/L
RT: 15.57 min Scan# 2242
Delta R.T. 0.02 min
Lab File: VW017188.D
Acq: 12 Nov 2020 16:32

Tgt Ion:180 Resp: 1971

Ion	Ratio	Lower	Upper
180	100		
182	8.5	75.5	113.3#
145	4211.4	24.5	36.7#