Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\

Quantitation Report (Not Reviewed)

Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT02

Quant Time: Jan 31 01:11:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 01:08:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	147917	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	144076	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	38849	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	54080	23.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.32%			
7) Chloroethane-d5	2.89	69	51606	25.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.68%			
10) 1,1-Dichloroethene-d2	4.01	63	81221	19.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.64%			
20) 2-Butanone-d5	7.08	46	30852	46.38	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.76%			
24) Chloroform-d	7.65	84	110707	27.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.44%			
26) 1,2-Dichloroethane-d4	8.30	65	66809	30.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 121.52%			
29) Benzene-d6	8.27	84	206769	22.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.20%			
33) 1,2-Dichloropropane-d6	9.27	67	73276	26.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.00%			
37) Toluene-d8	10.32	98	156484	19.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.48%			
38) trans-1,3-Dichloropropene-	10.58	79	25420	22.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.52%			
39) 2-Hexanone-d5	10.93	63	18424	34.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.66%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	49839	22.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.12%			
61) 1,2-Dichlorobenzene-d4	13.85	152	36012	23.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.60%			

Target Compounds						Qvalue
13) Acetone	4.12	43	4488	6.299	ug/L	75
16) Methylene chloride	4.91	84	10777	4.311	ug/L	96
35) Trichloroethene	8.85	95	4338	1.851	ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	1966	0.575	ug/L #	27
44) Toluene	10.38	91	14688	1.567	ug/L	95
56) Styrene	12.18	104	1981	0.325	ug/L #	75
66) 1,2-Dibromo-3-chloropropan	14.46	75	10508	56.159	ug/L #	2
67) 1,3,5-Trichlorobenzene	14.63	180	745	0.401	ug/L #	54
68) 1,2,4-trichlorobenzene	15.13	180	752	0.545	ug/L #	1
69) Naphthalene	15.36	128	53855	21.598	ug/L #	85

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

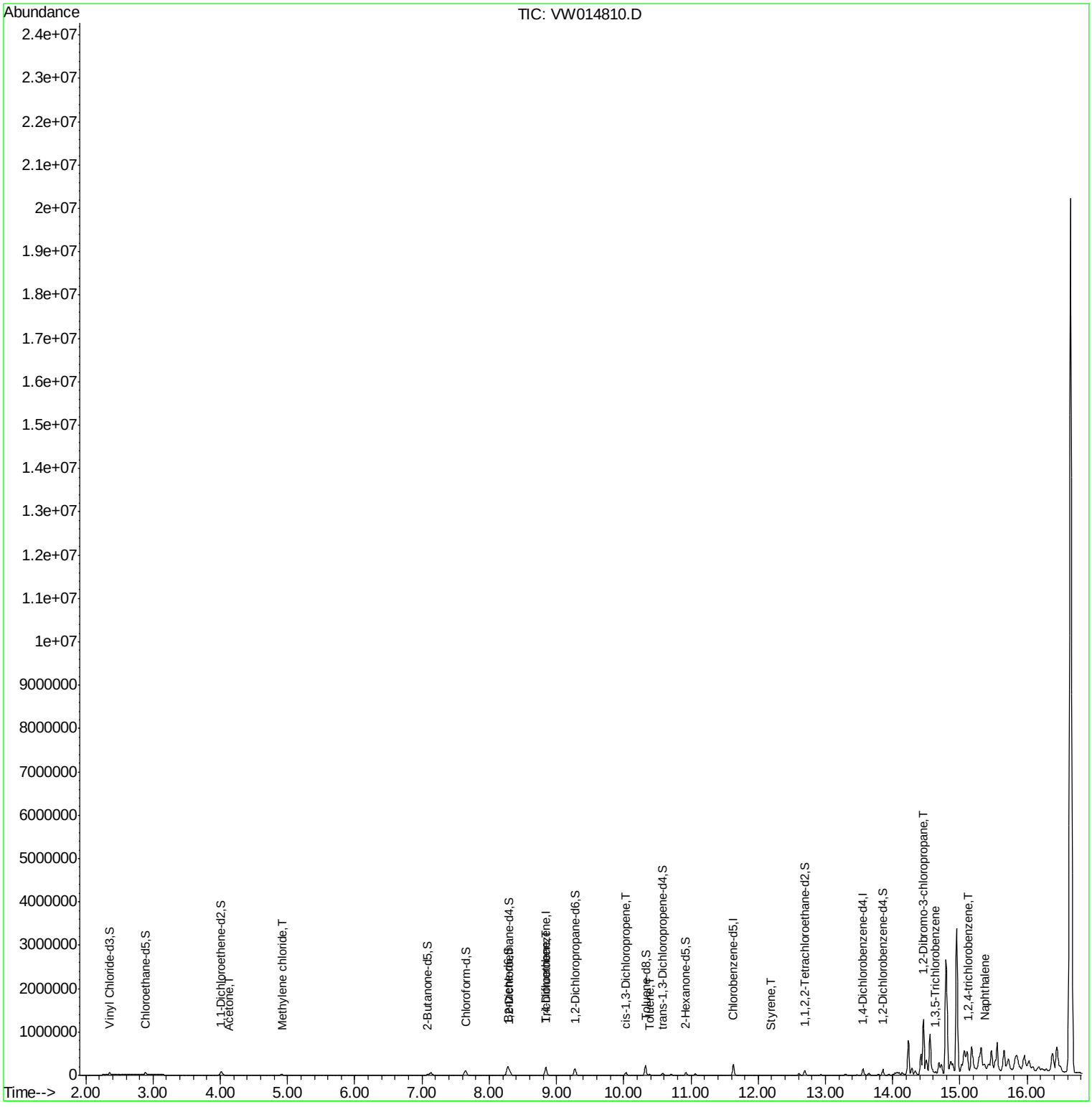
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW013020\

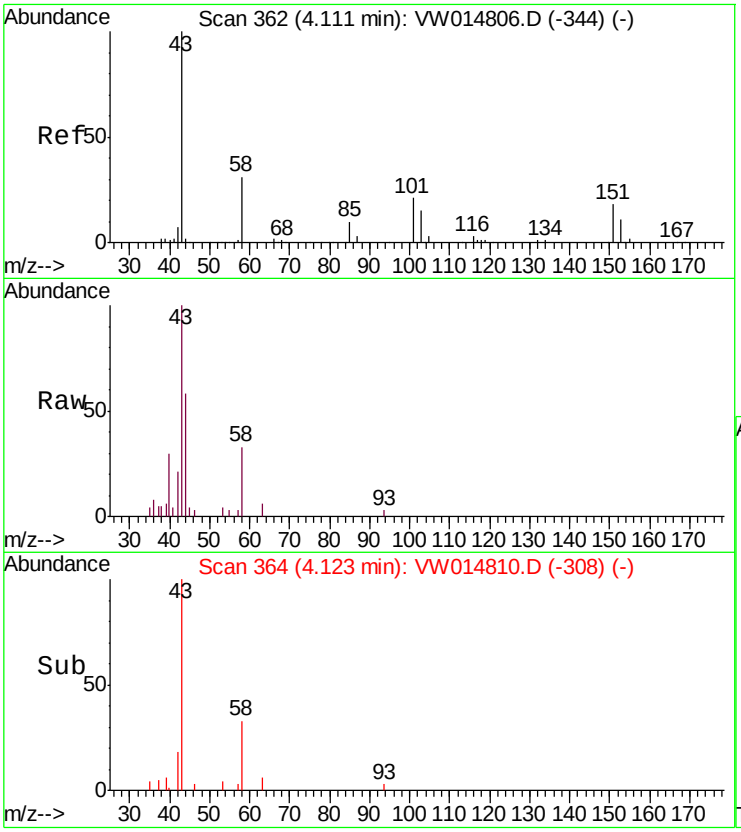
Quantitation Report (Not Reviewed)

Data File : VW014810.D
Acq On : 30 Jan 2020 13:55
Operator : SY/VA
Sample : L1271-11
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

Quant Time: Jan 31 01:11:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 01:08:17 2020
Response via : Initial Calibration



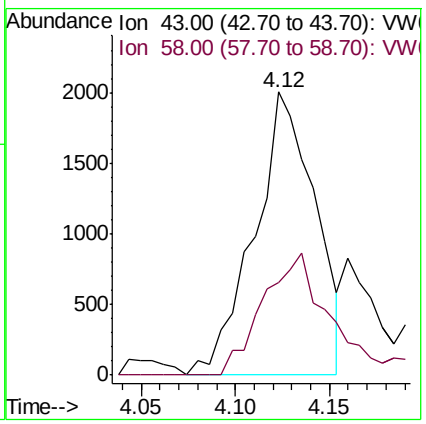


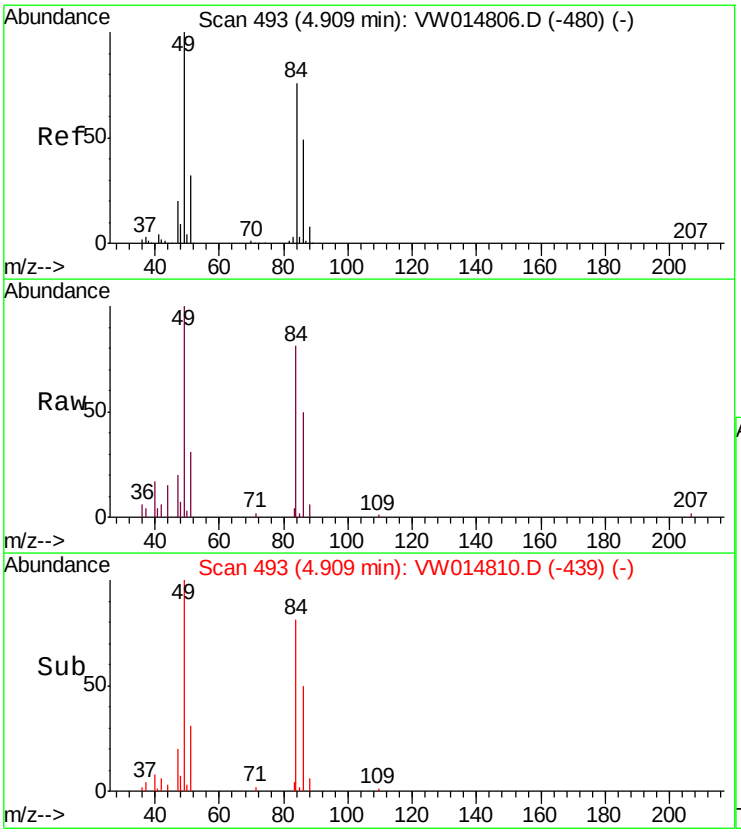
#13
Acetone
Concen: 6.299 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Instrument : MSVOA_W
ClientSampleId : GAT02

Tgt Ion: 43 Resp: 4488

Ion	Ratio	Lower	Upper
43	100		
58	46.1	0.0	64.6

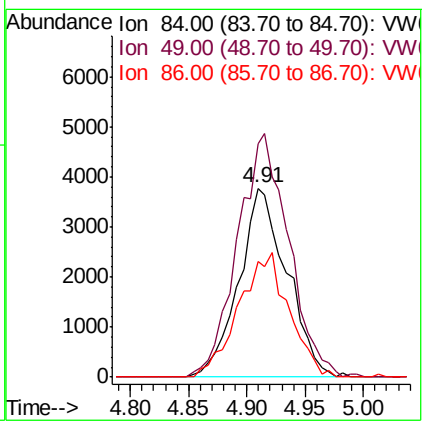


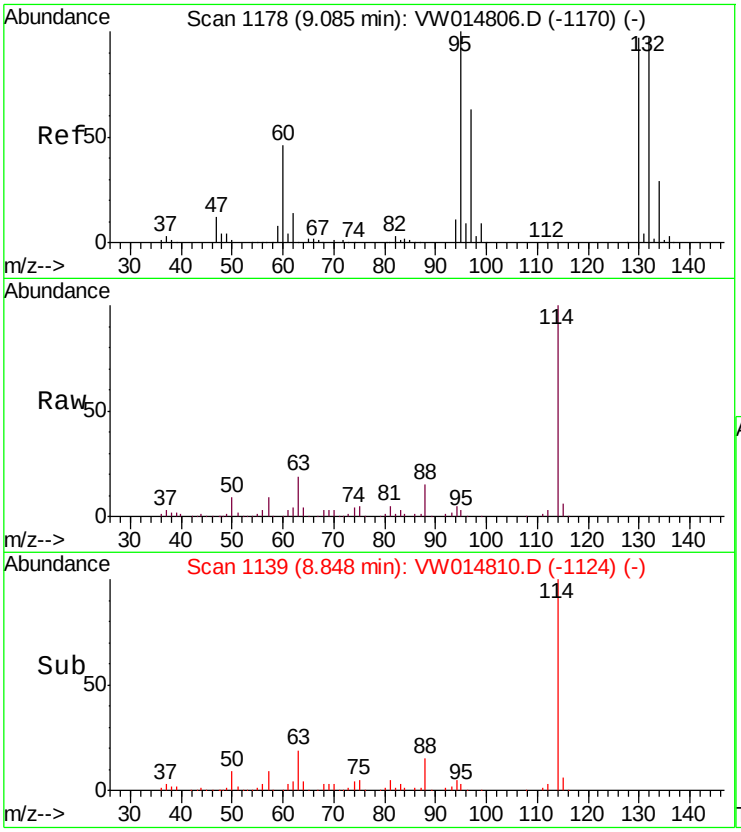


#16
Methylene chloride
Concen: 4.311 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Tgt Ion: 84 Resp: 10777

Ion	Ratio	Lower	Upper
84	100		
49	123.6	90.9	168.7
86	61.5	43.5	80.7



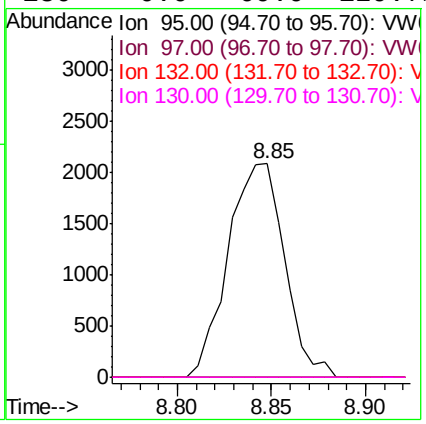


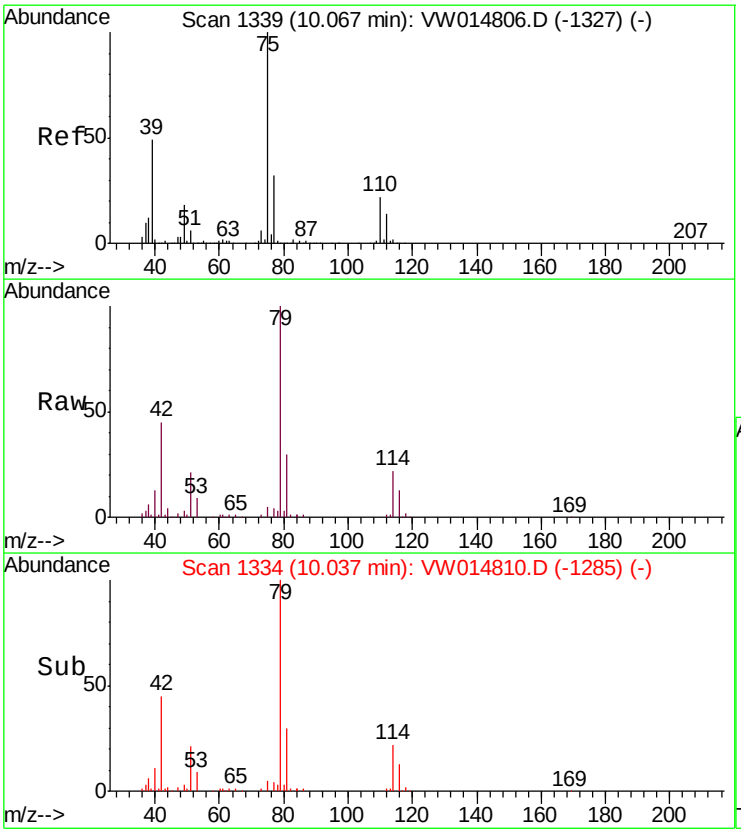
#35
Trichloroethene
Concen: 1.851 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Instrument : MSVOA_W
ClientSampleId : GAT02

Tgt Ion: 95 Resp: 4338

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	1.1	67.1	124.7#
130	0.0	69.9	129.7#

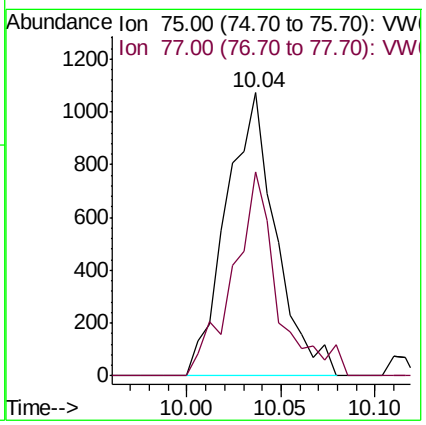


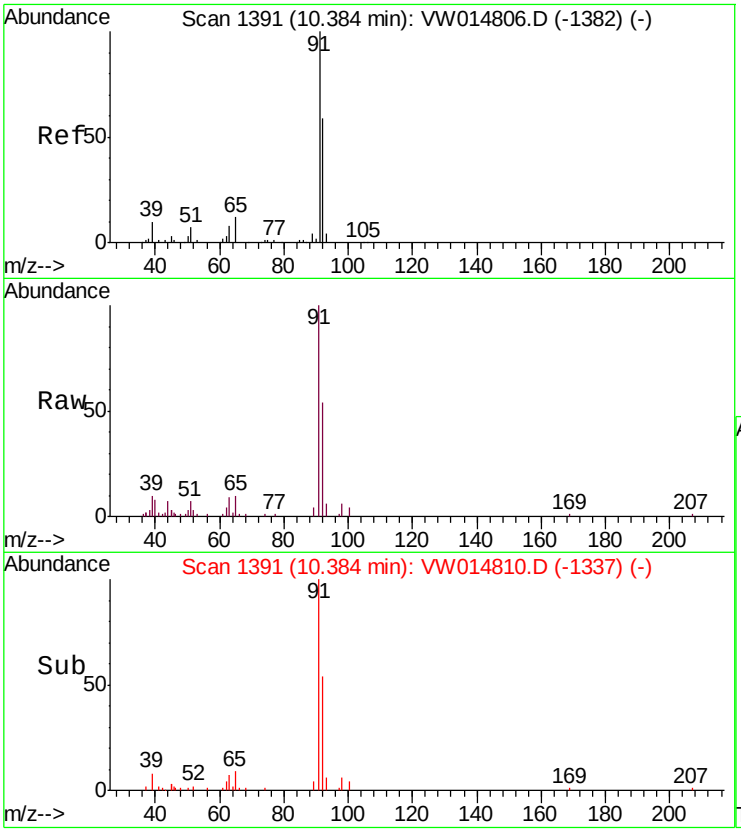


#42
cis-1,3-Dichloropropene
Concen: 0.575 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Tgt Ion: 75 Resp: 1966

Ion	Ratio	Lower	Upper
75	100		
77	72.1	22.3	41.3#



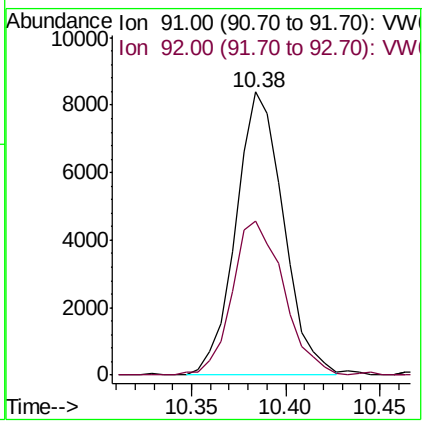


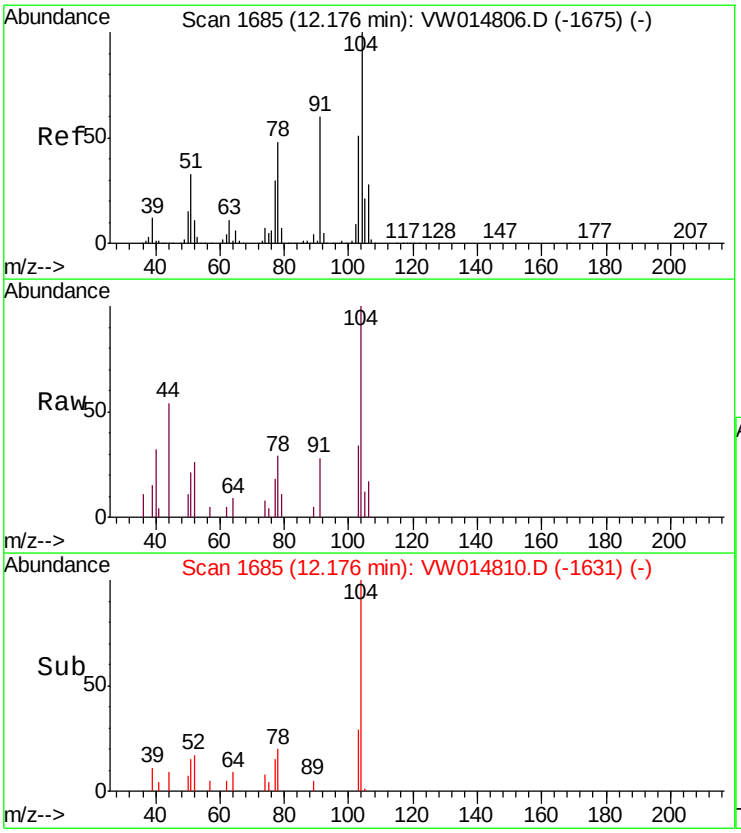
#44
Toluene
Concen: 1.567 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Instrument : MSVOA_W
ClientSampleId : GAT02

Tgt Ion: 91 Resp: 14688

Ion	Ratio	Lower	Upper
91	100		
92	54.3	40.7	75.7

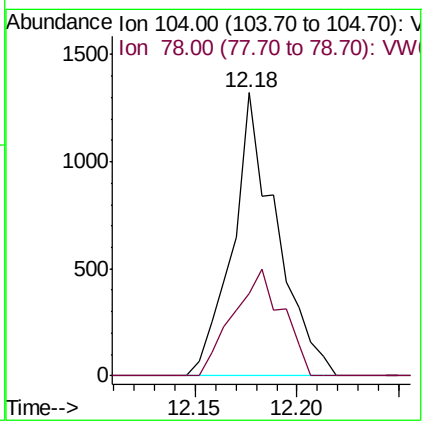


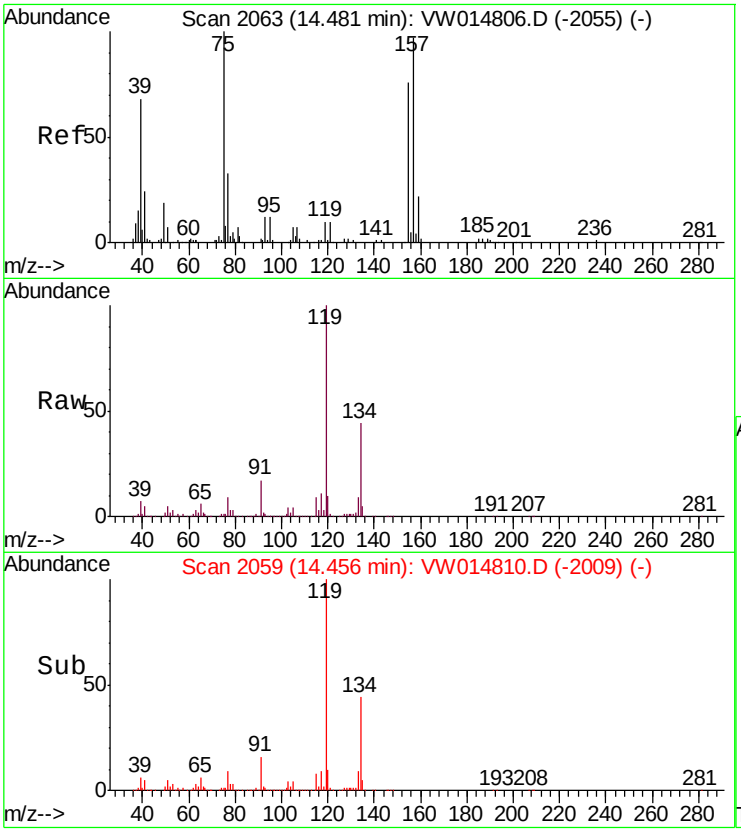


#56
Styrene
Concen: 0.325 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Tgt Ion:104 Resp: 1981

Ion	Ratio	Lower	Upper
104	100		
78	29.0	32.0	59.4#



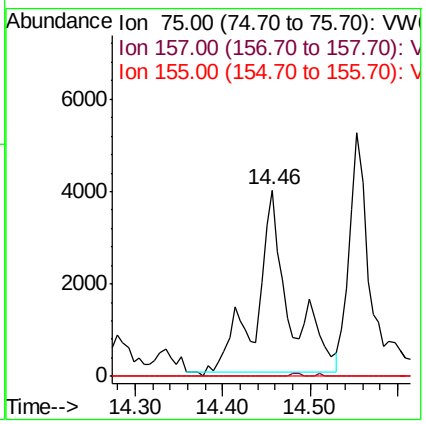


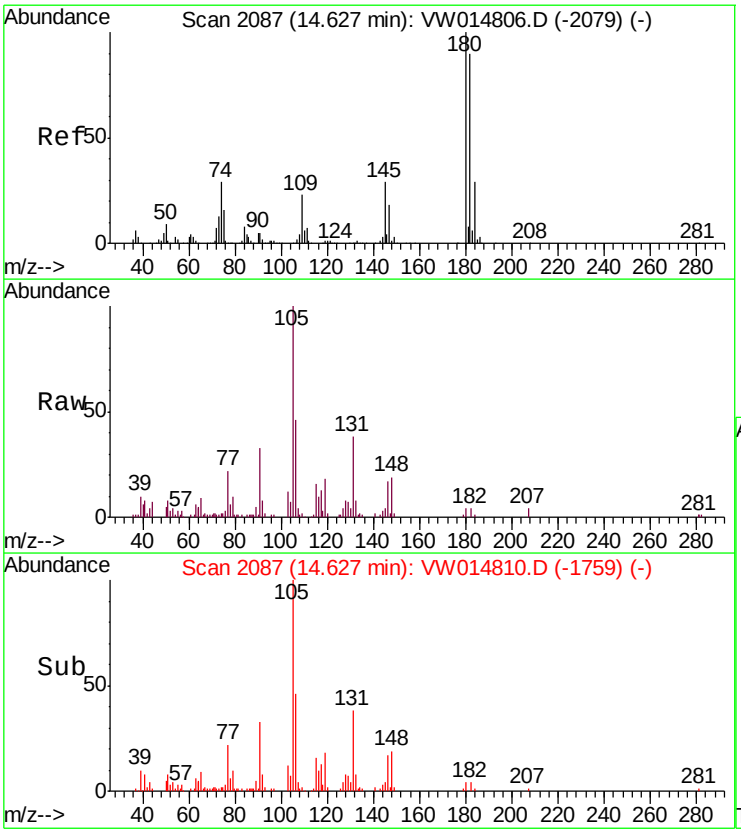
#66
1,2-Dibromo-3-chloropropane
Concen: 56.159 ug/L
RT: 14.46 min Scan# 2059
Delta R.T. -0.02 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampleId :
GAT02

Tgt Ion: 75 Resp: 10508

Ion	Ratio	Lower	Upper
75	100		
157	0.0	84.9	127.3#
155	0.0	67.1	100.7#

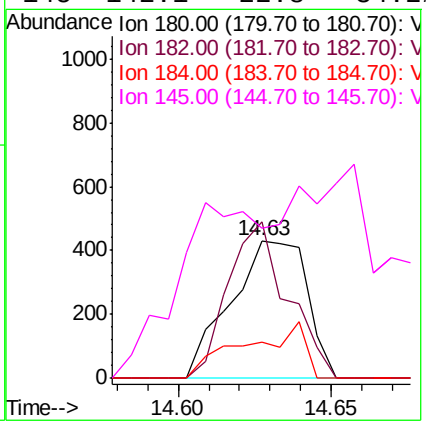


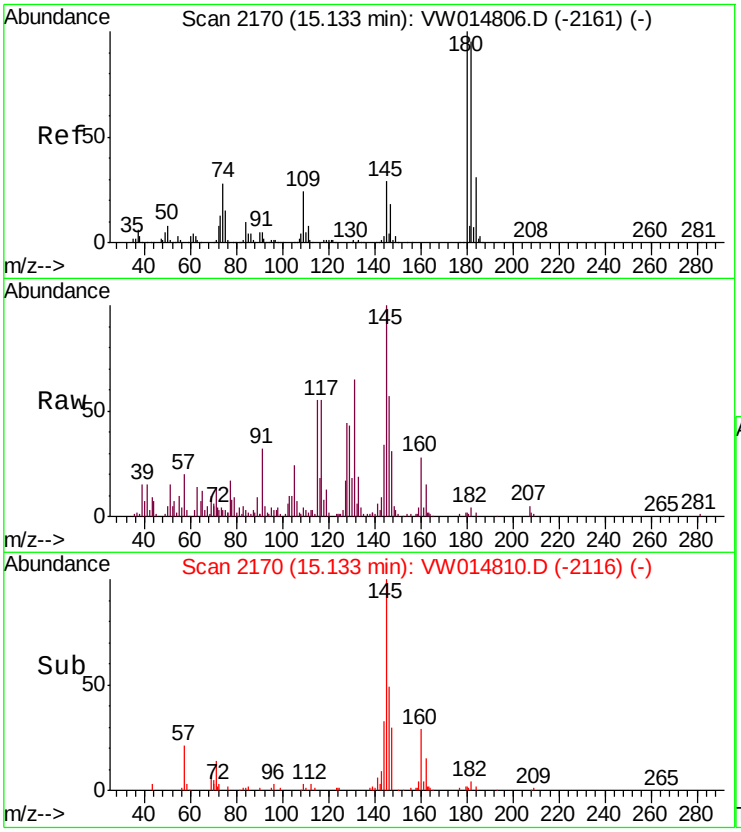


#67
1,3,5-Trichlorobenzene
Concen: 0.401 ug/L
RT: 14.63 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Tgt Ion:180 Resp: 745

Ion	Ratio	Lower	Upper
180	100		
182	89.0	76.2	114.4
184	23.8	24.2	36.4#
145	142.1	22.8	34.2#



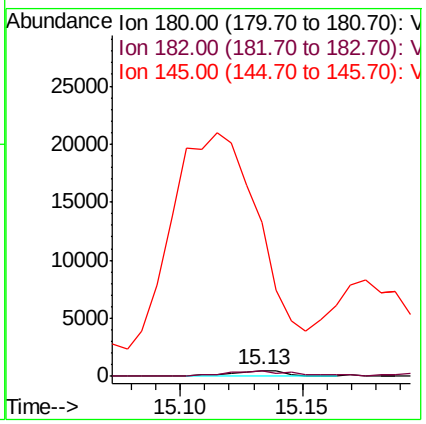


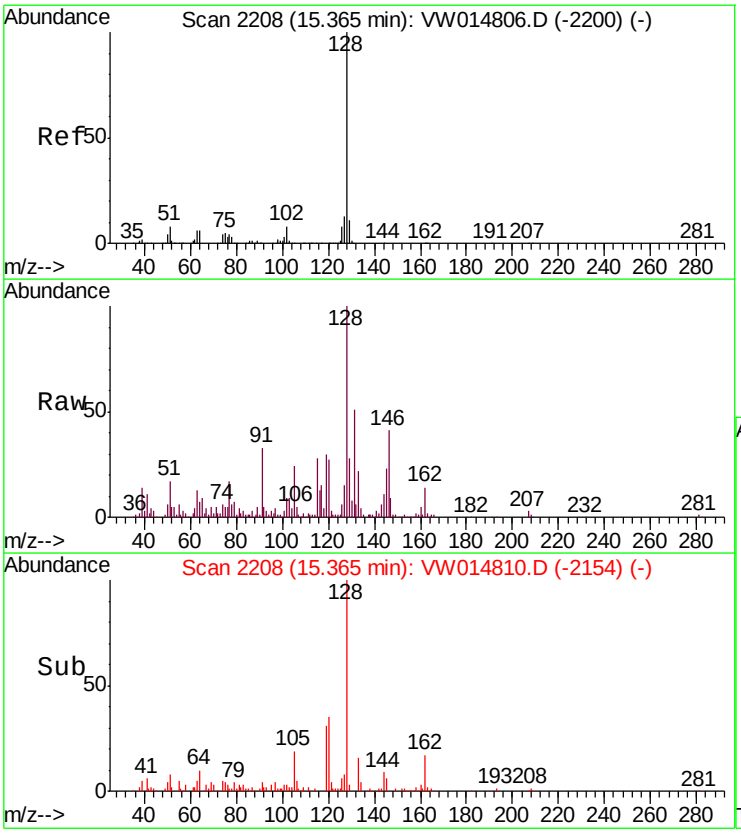
#68
1,2,4-trichlorobenzene
Concen: 0.545 ug/L
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Instrument :
MSVOA_W
ClientSampleId :
GAT02

Tgt Ion:180 Resp: 752

Ion	Ratio	Lower	Upper
180	100		
182	140.6	77.2	115.8#
145	5962.9	23.3	34.9#





#69
Naphthalene
Concen: 21.598 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014810.D
Acq: 30 Jan 2020 13:55

Tgt Ion:128 Resp: 53855

Ion	Ratio	Lower	Upper
128	100		
129	22.1	8.6	13.0#
127	11.8	10.5	15.7