Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112619\

Quantitation Report (Not Reviewed)

Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Time: Nov 27 07:08:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	52610	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	15755	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	1579	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	42681	50.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 203.40%#			
7) Chloroethane-d5	2.89	69	45731	67.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 268.80%#			
10) 1,1-Dichloroethene-d2	4.01	63	46601	27.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.20%			
20) 2-Butanone-d5	7.22	46	183	0.75	ug/L	0.15
Spiked Amount 50.000	Range 20 - 135		Recovery = 1.50%#			
24) Chloroform-d	7.65	84	101980	63.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 252.16%#			
26) 1,2-Dichloroethane-d4	8.30	65	32938	40.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 162.00%#			
29) Benzene-d6	8.27	84	145729	130.37	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 521.48%#			
33) 1,2-Dichloropropane-d6	9.27	67	49109	149.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 599.88%#			
37) Toluene-d8	10.32	98	41180	38.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 155.40%#			
38) trans-1,3-Dichloropropene-	10.58	79	2712	19.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.36%			
39) 2-Hexanone-d5	10.92	63	7715	124.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 248.48%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	20741	83.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 335.52%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	2822	44.48	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 177.92%#			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	211	0.380	ug/L	85
13) Acetone	4.12	43	9889	39.853	ug/L	80
19) 1,1-Dichloroethane	6.21	63	1691	1.084	ug/L #	95
21) 2-Butanone	7.16	43	1620	5.082	ug/L	74
27) 1,2-Dichloroethane	8.28	62	457	0.493	ug/L #	70
30) Cyclohexane	7.96	56	1482	2.939	ug/L #	1
31) 1,1,1-Trichloroethane	7.87	97	52597	133.213	ug/L	98
35) Trichloroethene	8.84	95	1606	5.210	ug/L #	2
36) Methylcyclohexane	9.33	83	9767	17.671	ug/L	89
40) 1,2-Dichloropropane	9.27	63	5097	18.322	ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	359	0.818	ug/L	90
44) Toluene	10.38	91	785	0.623	ug/L	98
45) trans-1,3-Dichloropropene	10.70	75	732	2.109	ug/L #	43
46) 1,1,2-Trichloroethane	10.81	97	116	0.567	ug/L #	15
53) Ethylbenzene	11.83	91	1022	0.739	ug/L	92
55) o-xylene	12.17	106	181	0.360	ug/L	84
59) 1,2,3-Trichloropropane	12.93	75	546	3.042	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112619\

Quantitation Report (Not Reviewed)

Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Time: Nov 27 07:08:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) Naphthalene	15.44	128	261	2.211	ug/L	#	1

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

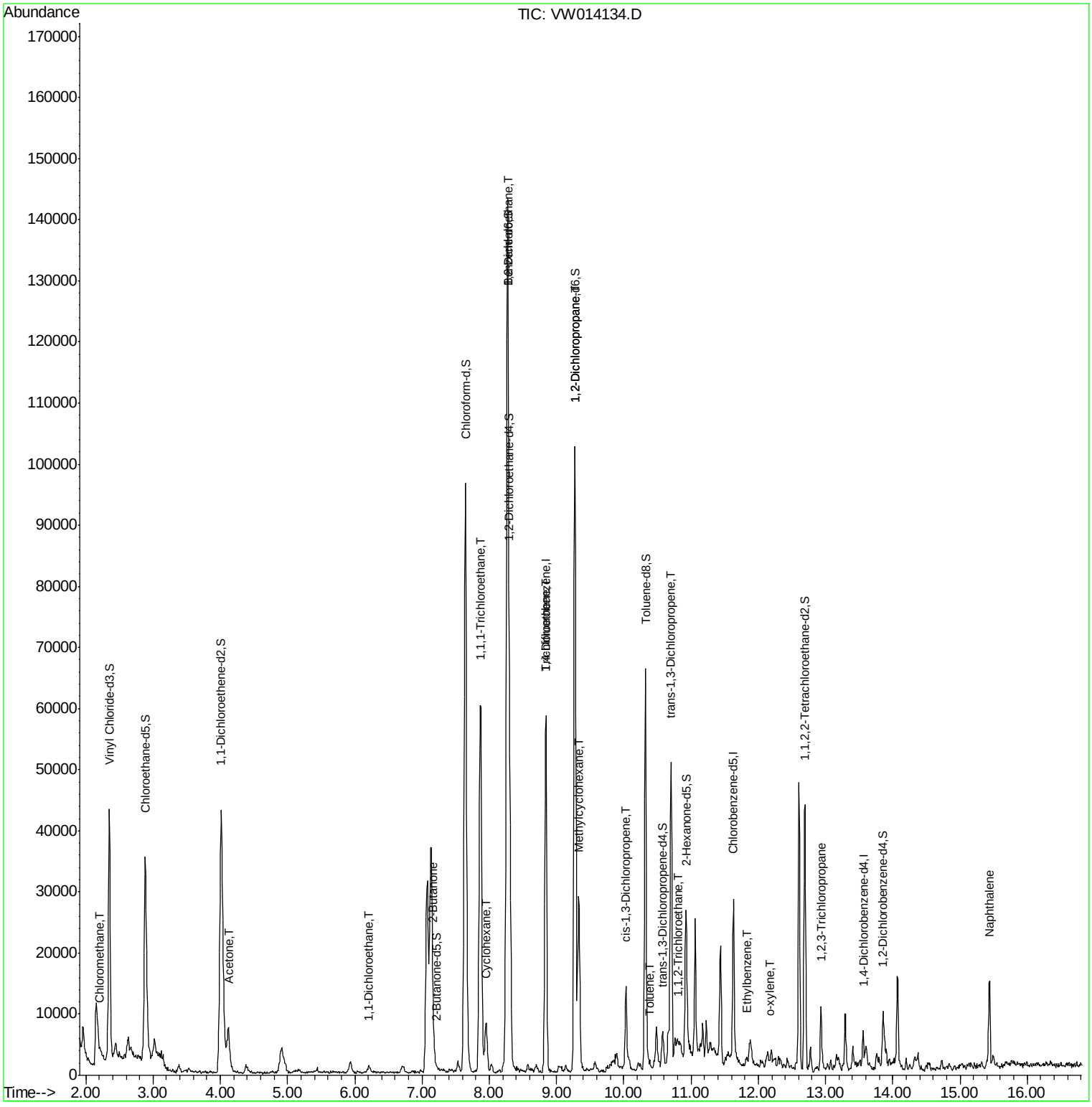
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112619\

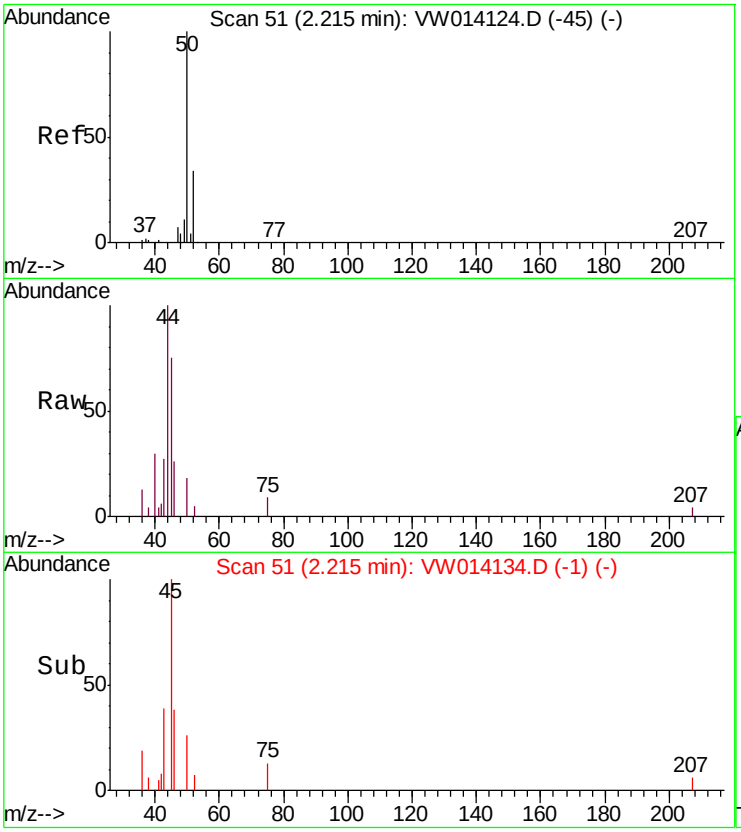
Quantitation Report (Not Reviewed)

Data File : VW014134.D
Acq On : 26 Nov 2019 14:42
Operator : SY/VA
Sample : K6007-16RE
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Quant Time: Nov 27 07:08:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration



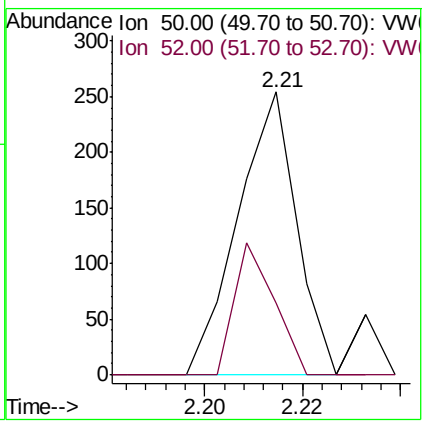


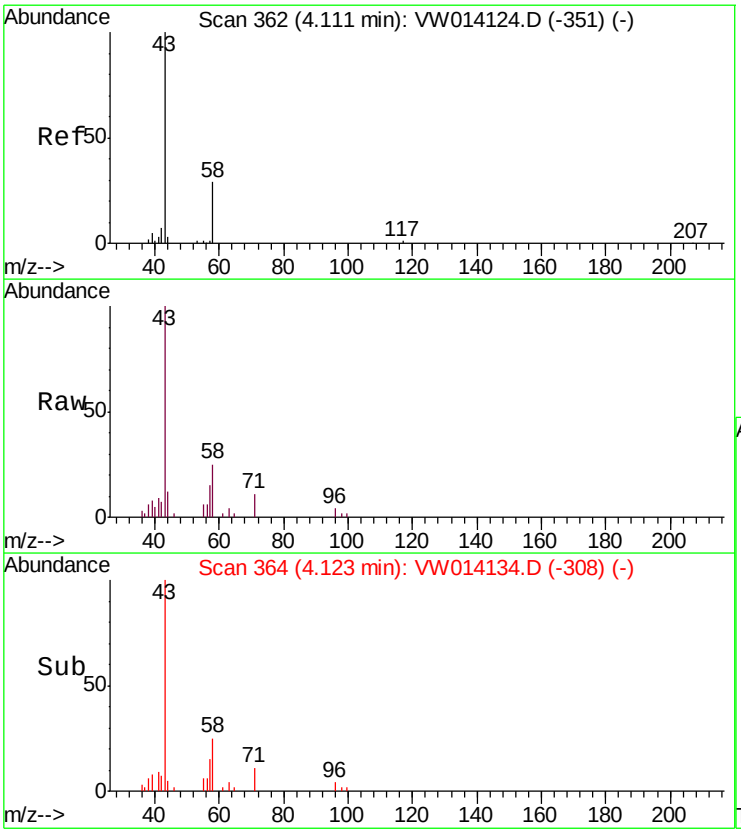
#3
Chloromethane
Concen: 0.380 ug/L
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Tgt Ion: 50 Resp: 211

Ion	Ratio	Lower	Upper
50	100		
52	25.2	23.8	44.2

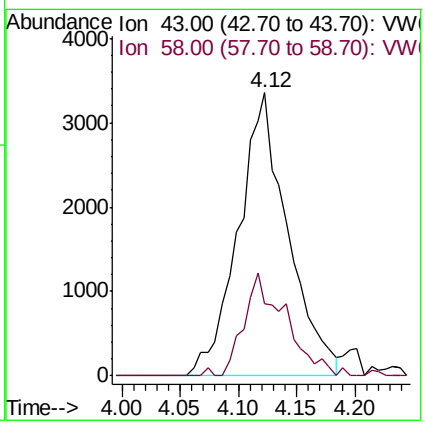


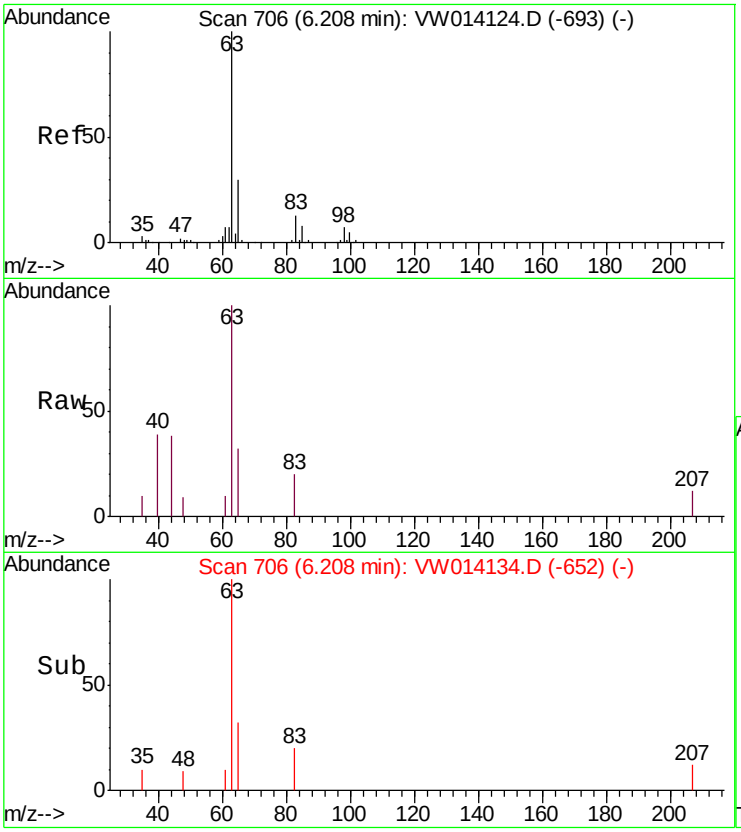


#13
Acetone
Concen: 39.853 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 43 Resp: 9889

Ion	Ratio	Lower	Upper
43	100		
58	21.6	0.0	65.4



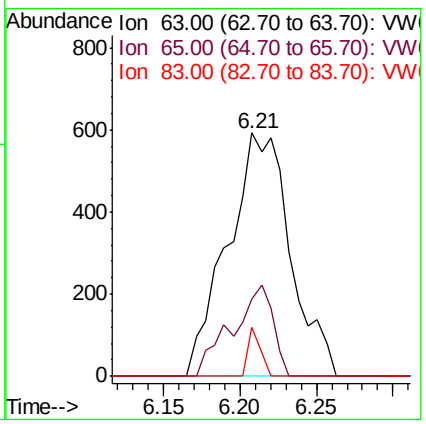


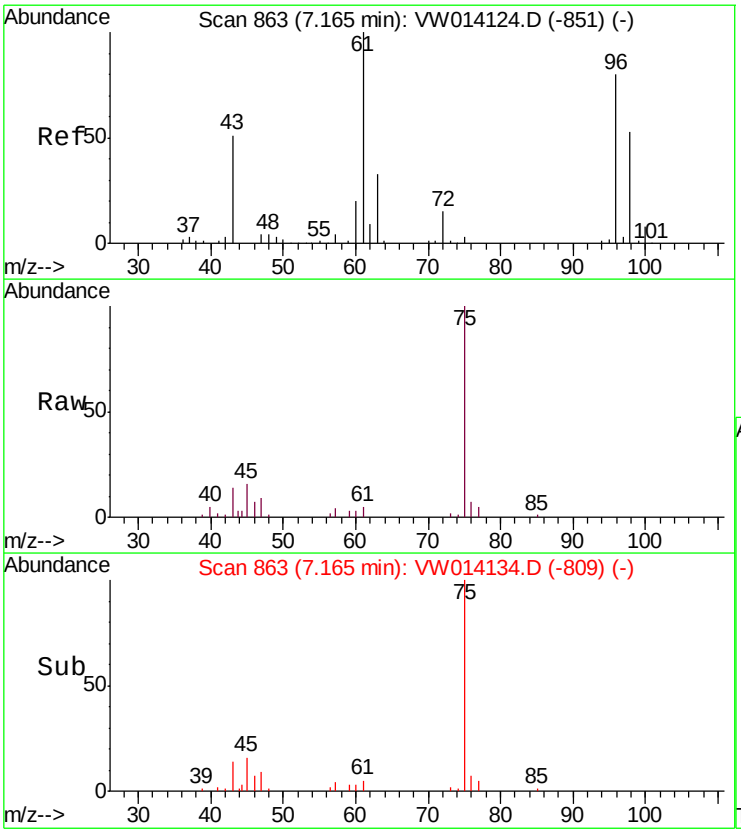
#19
1,1-Dichloroethane
Concen: 1.084 ug/L
RT: 6.21 min Scan# 706
Delta R.T. -0.00 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Tgt Ion: 63 Resp: 1691

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.1	41.1
83	20.1	9.0	16.6#

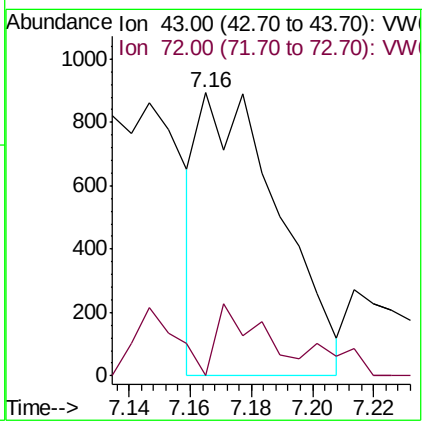


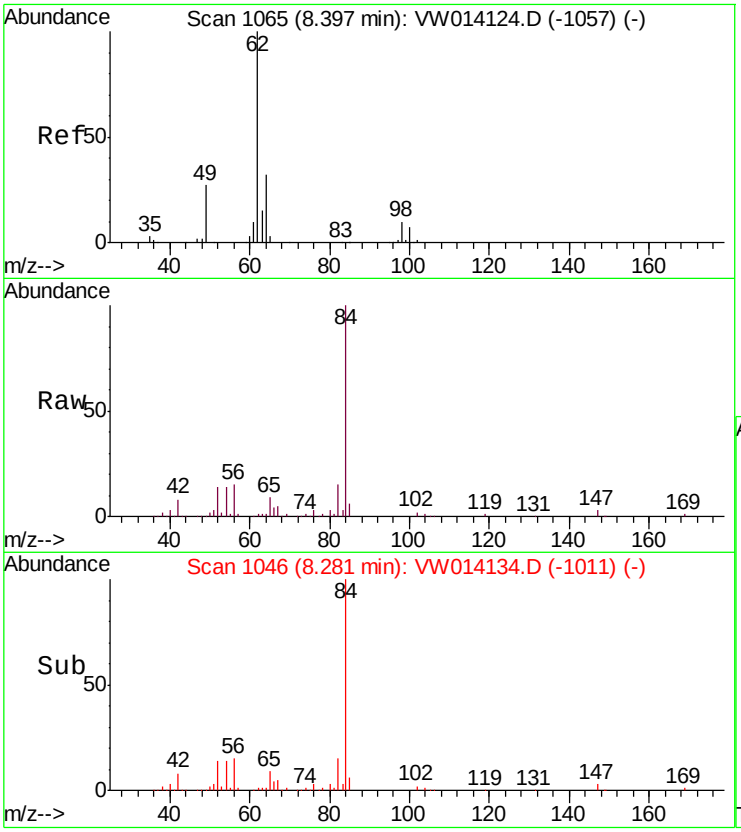


#21
2-Butanone
Concen: 5.082 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 43 Resp: 1620

Ion	Ratio	Lower	Upper
43	100		
72	14.6	14.1	42.2



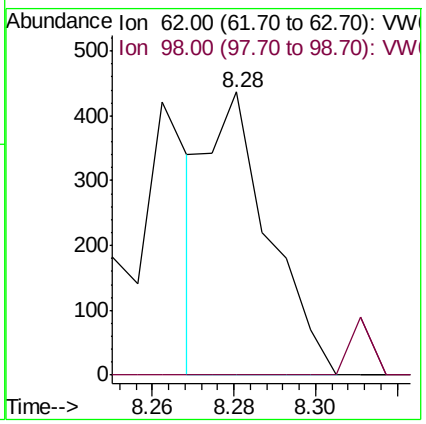


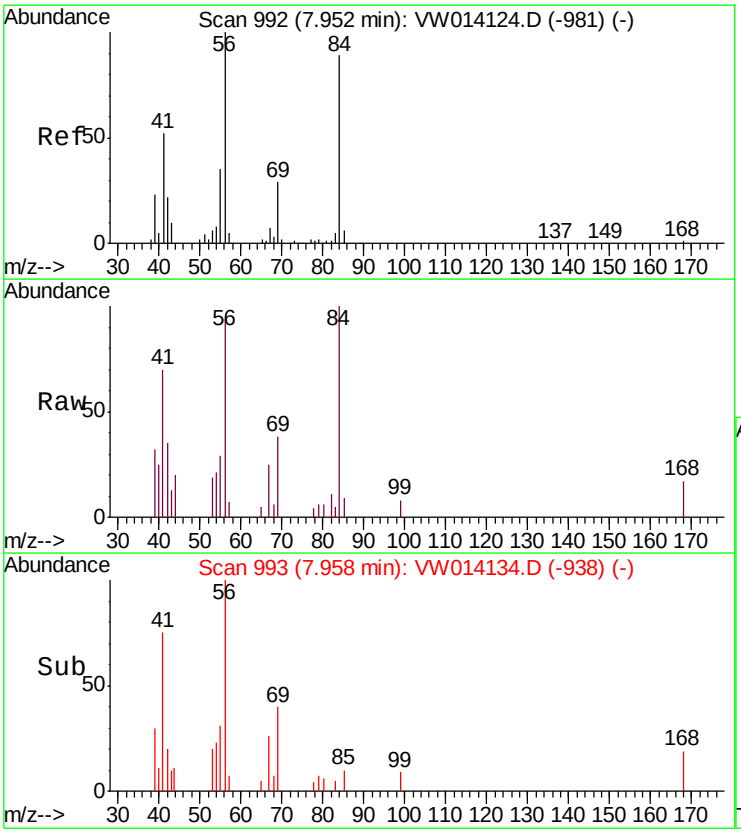
#27
1,2-Dichloroethane
Concen: 0.493 ug/L
RT: 8.28 min Scan# 1046
Delta R.T. -0.12 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Instrument :
MSVOA_W
ClientSampleId :
C0BM2RE

Tgt Ion: 62 Resp: 457

Ion	Ratio	Lower	Upper
62	100		
98	0.0	9.3	13.9#

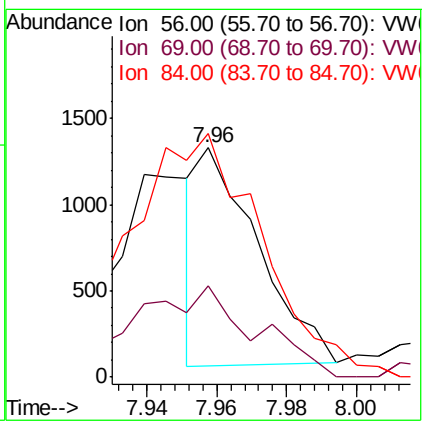


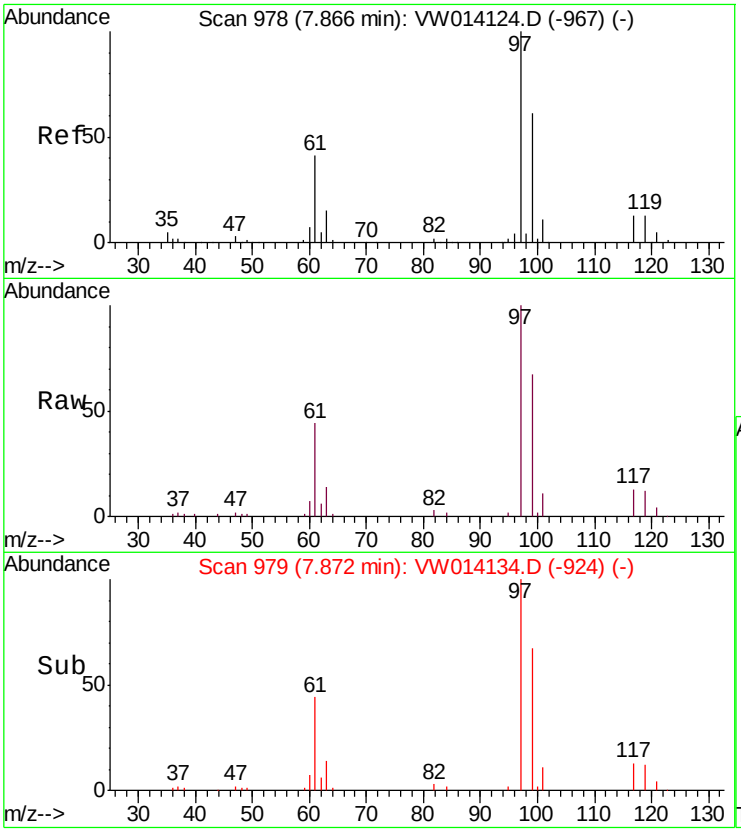


#30
Cyclohexane
Concen: 2.939 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 56 Resp: 1482

Ion	Ratio	Lower	Upper
56	100		
69	12.6	24.6	37.0#
84	258.8	70.2	105.2#



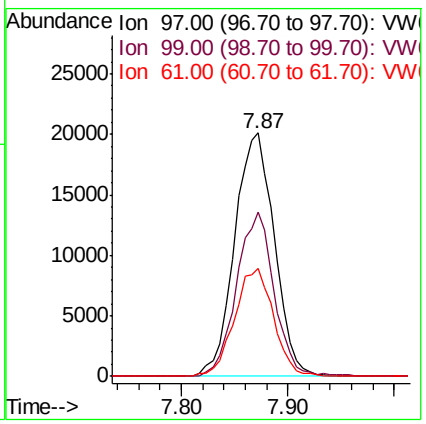


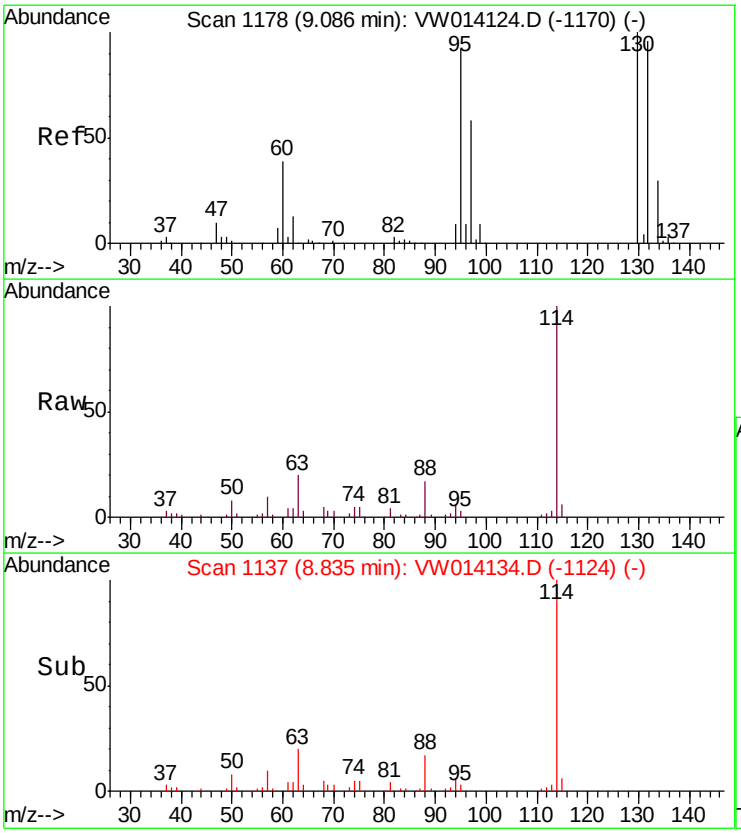
#31
1,1,1-Trichloroethane
Concen: 133.213 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Tgt Ion: 97 Resp: 52597

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	43.6	32.8	49.2

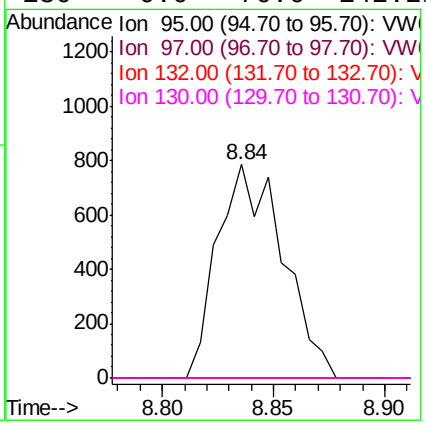


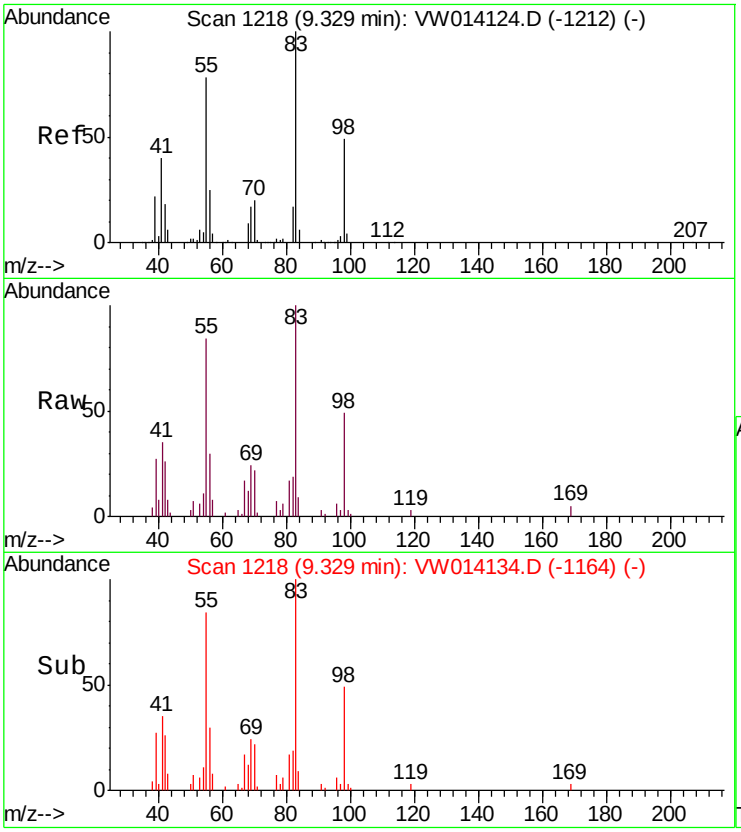


#35
Trichloroethene
Concen: 5.210 ug/L
RT: 8.84 min Scan# 1137
Delta R.T. -0.25 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 95 Resp: 1606

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.9#
132	0.0	73.7	136.9#
130	0.0	76.6	142.2#



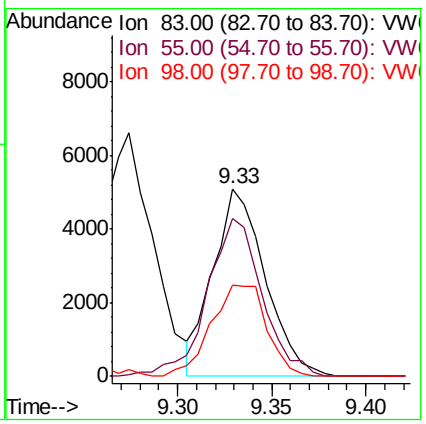


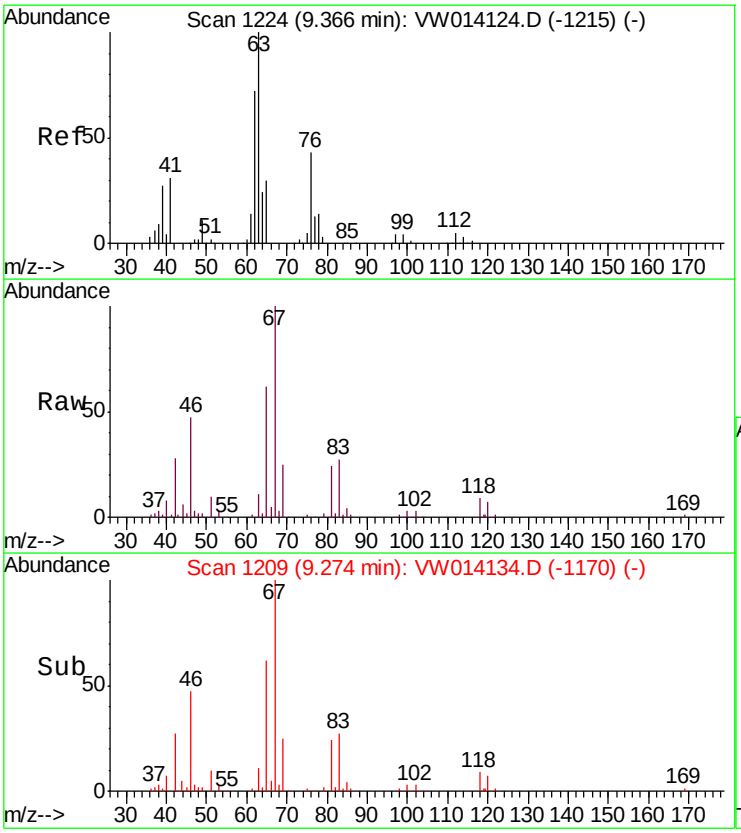
#36
Methylcyclohexane
Concen: 17.671 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Instrument :
MSVOA_W
ClientSampleId :
C0BM2RE

Tgt Ion: 83 Resp: 9767

Ion	Ratio	Lower	Upper
83	100		
55	88.9	59.8	89.8
98	52.0	39.5	59.3

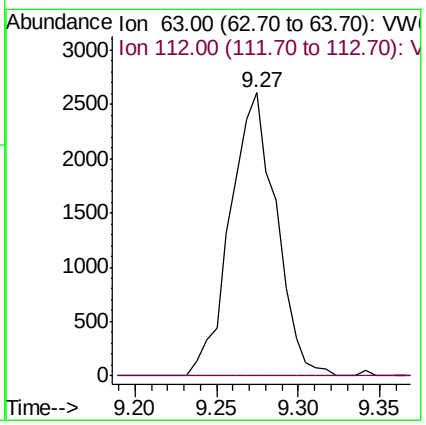


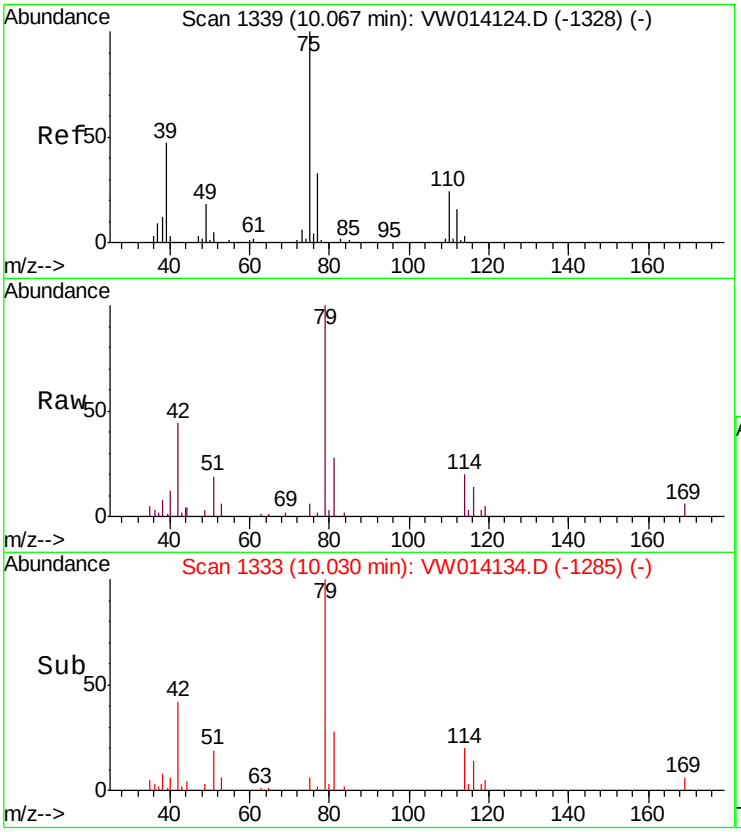


#40
1,2-Dichloropropane
Concen: 18.322 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 63 Resp: 5097

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#



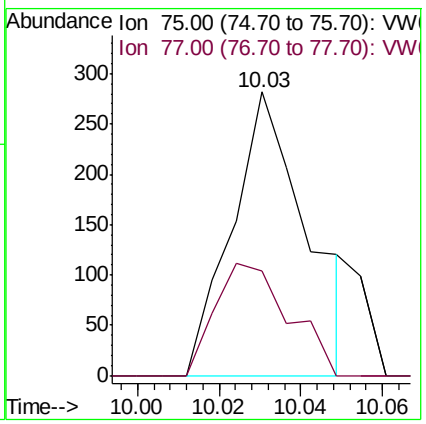


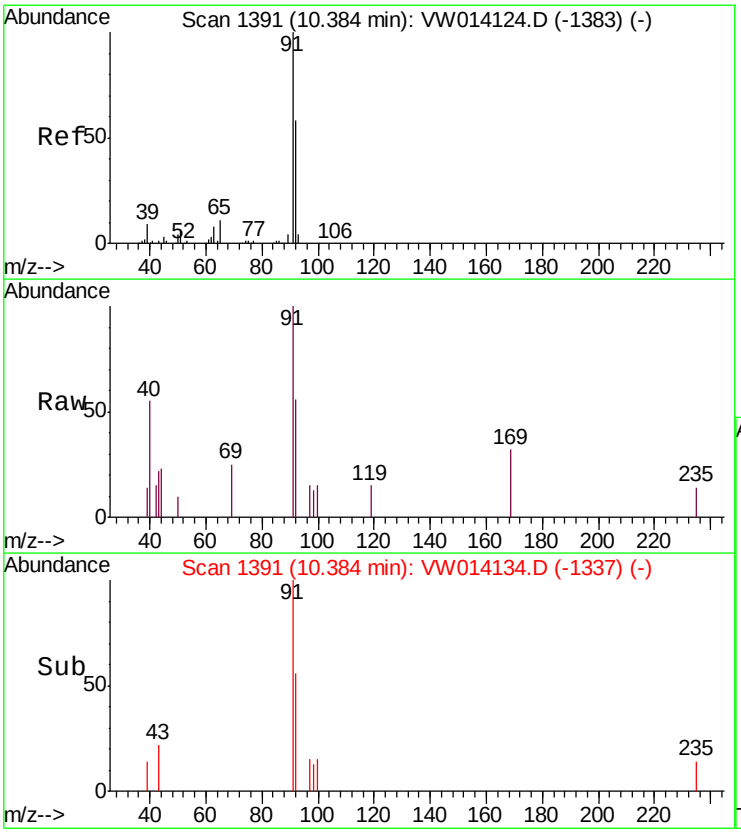
#42
cis-1,3-Dichloropropene
Concen: 0.818 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Tgt Ion: 75 Resp: 359

Ion	Ratio	Lower	Upper
75	100		
77	36.9	22.1	41.1

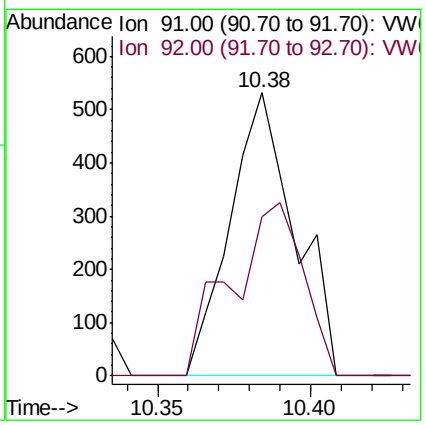


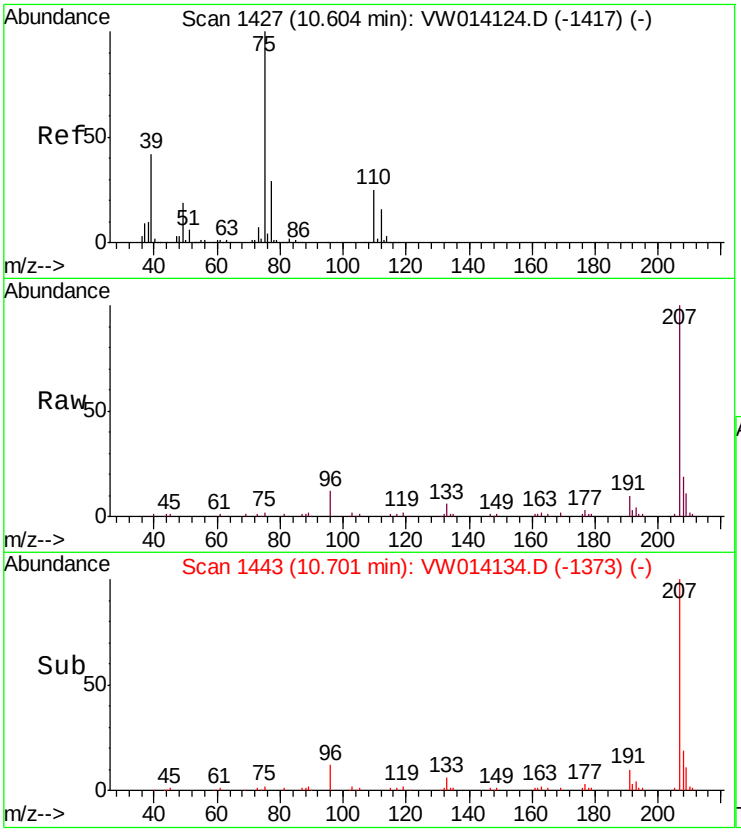


#44
Toluene
Concen: 0.623 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 91 Resp: 785

Ion	Ratio	Lower	Upper
91	100		
92	56.4	40.7	75.7



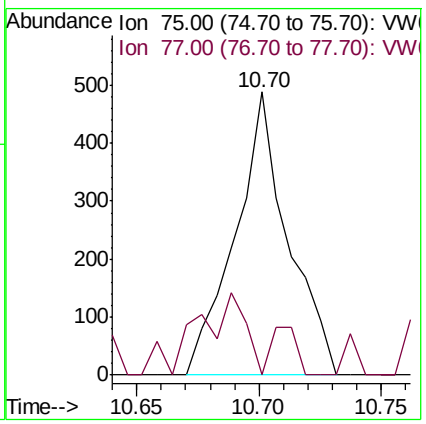


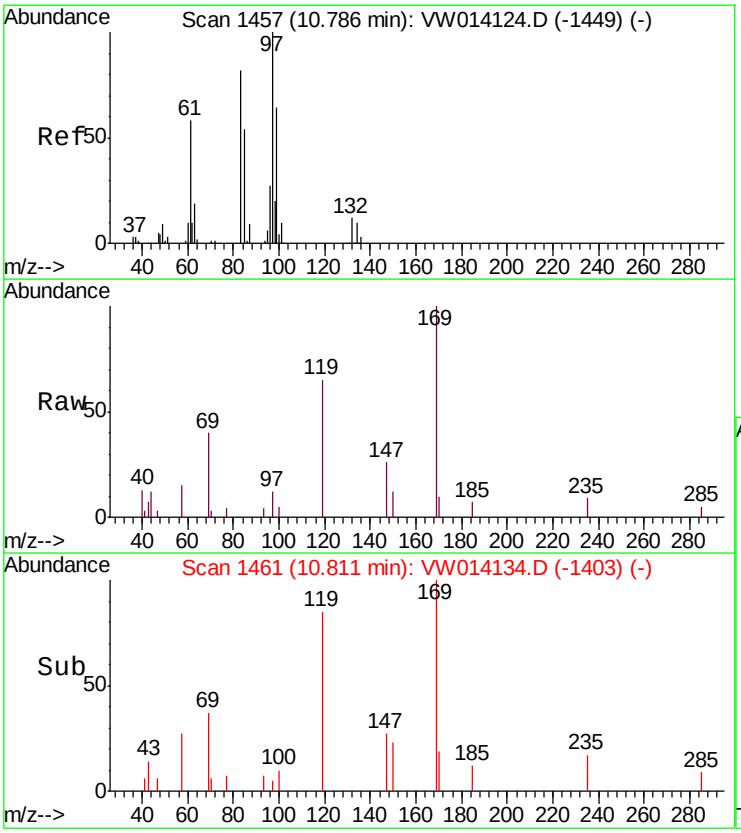
#45
trans-1,3-Dichloropropene
Concen: 2.109 ug/L
RT: 10.70 min Scan# 1443
Delta R.T. 0.10 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Tgt Ion: 75 Resp: 732

Ion	Ratio	Lower	Upper
75	100		
77	0.0	21.8	40.6#

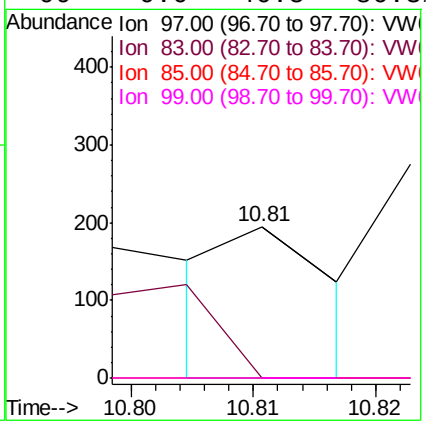


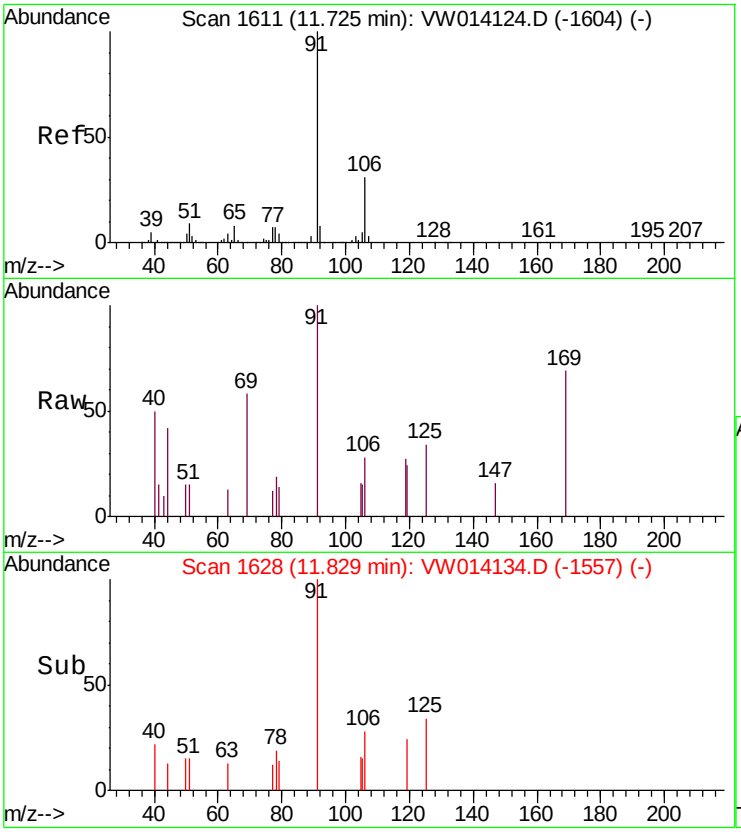


#46
1,1,2-Trichloroethane
Concen: 0.567 ug/L
RT: 10.81 min Scan# 1461
Delta R.T. 0.02 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion: 97 Resp: 116

Ion	Ratio	Lower	Upper
97	100		
83	0.0	58.9	109.5#
85	0.0	38.1	70.9#
99	0.0	46.5	86.3#



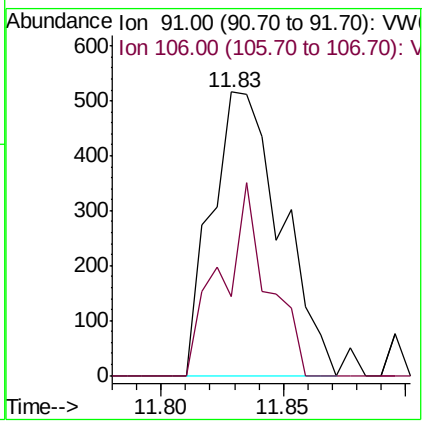


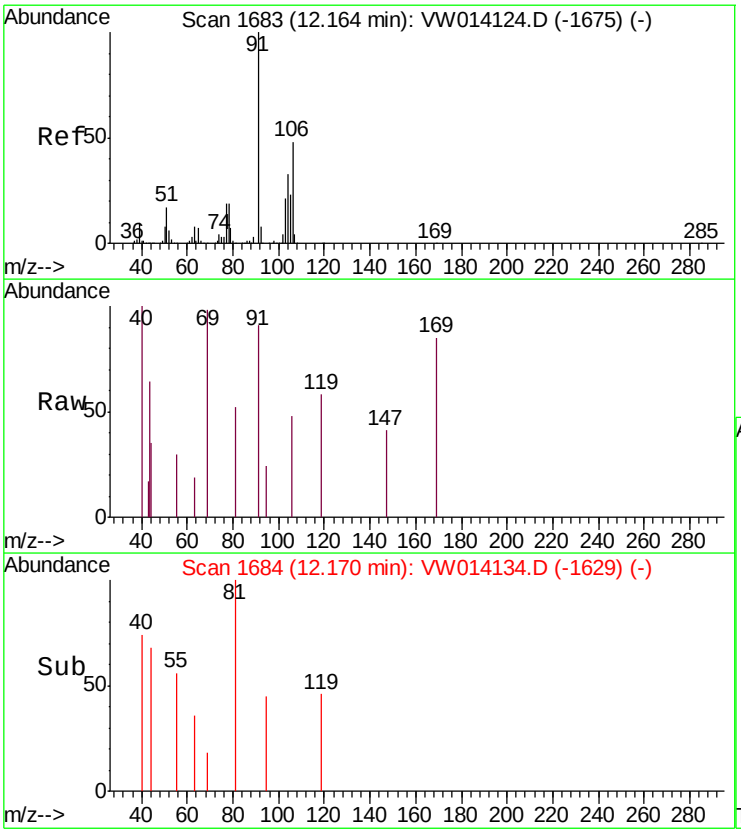
#53
Ethylbenzene
Concen: 0.739 ug/L
RT: 11.83 min Scan# 1628
Delta R.T. 0.10 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Tgt Ion: 91 Resp: 1022

Ion	Ratio	Lower	Upper
91	100		
106	27.7	22.3	41.5

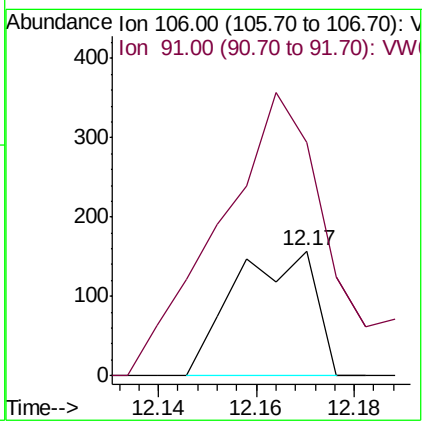


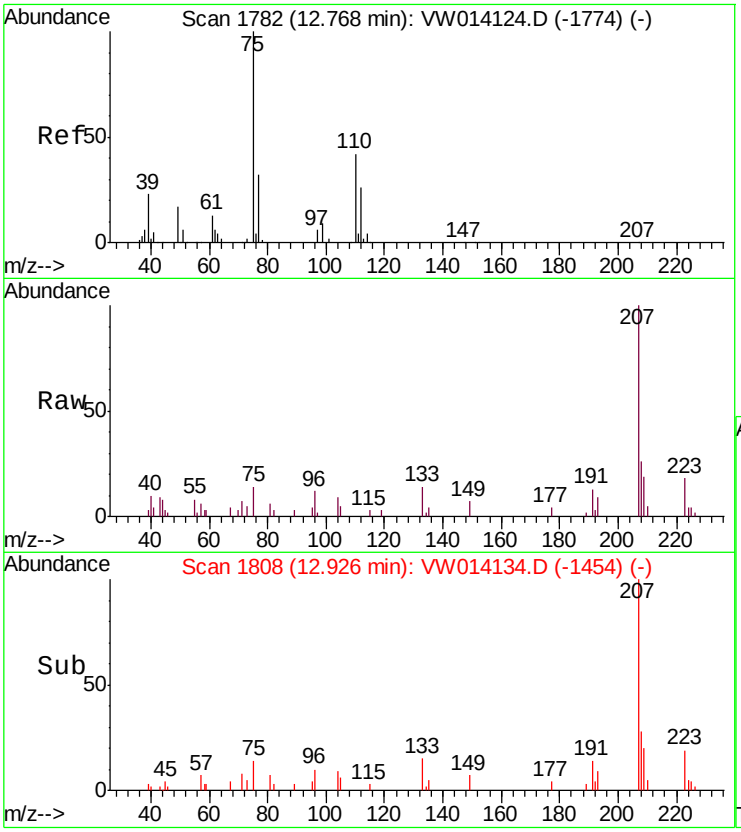


#55
o-xylene
Concen: 0.360 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion:106 Resp: 181

Ion	Ratio	Lower	Upper
106	100		
91	187.3	148.3	275.5



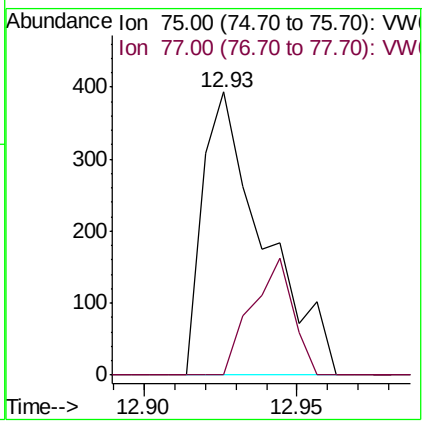


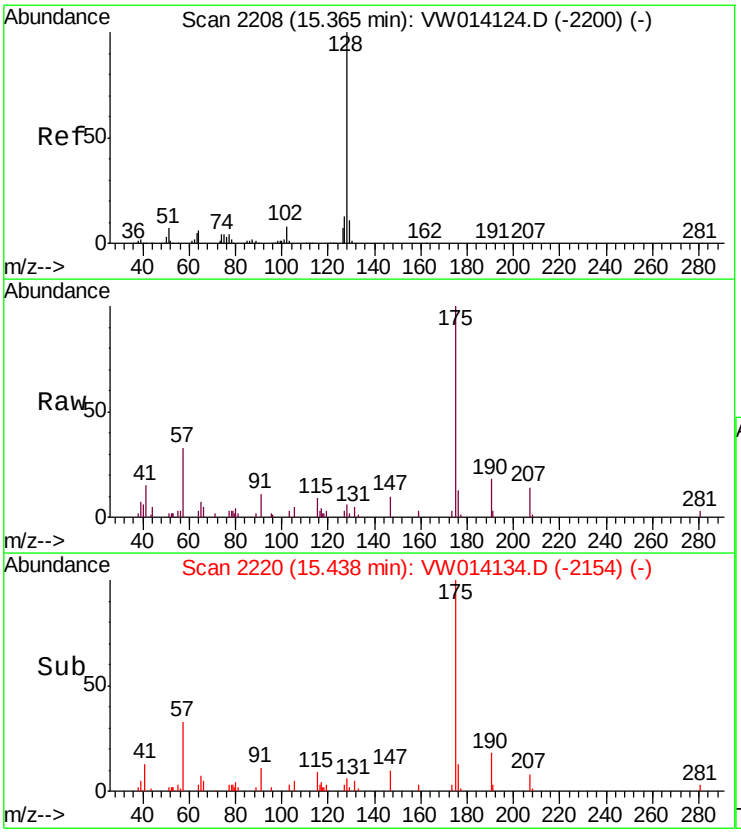
#59
1,2,3-Trichloropropane
Concen: 3.042 ug/L
RT: 12.93 min Scan# 1808
Delta R.T. 0.16 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Instrument : MSVOA_W
ClientSampleId : C0BM2RE

Tgt Ion: 75 Resp: 546

Ion	Ratio	Lower	Upper
75	100		
77	28.0	25.9	38.9





#69
Naphthalene
Concen: 2.211 ug/L
RT: 15.44 min Scan# 2220
Delta R.T. 0.07 min
Lab File: VW014134.D
Acq: 26 Nov 2019 14:42

Tgt Ion:128 Resp: 261

Ion	Ratio	Lower	Upper
128	100		
129	78.2	8.8	13.2#
127	32.2	10.4	15.6#