Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASH0

Quant Time: Jan 16 01:21:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 01:18:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	718031	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	607803	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.85	152	150562	25.00	ug/L	0.30
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	228955	22.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.48%			
7) Chloroethane-d5	2.89	69	178581	23.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.80%			
10) 1,1-Dichloroethene-d2	4.01	63	323489	17.47	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.88%			
20) 2-Butanone-d5	7.07	46	137863	57.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.48%			
24) Chloroform-d	7.65	84	416900	25.24	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.96%			
26) 1,2-Dichloroethane-d4	8.31	65	214447	25.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.08%			
29) Benzene-d6	8.27	84	887707	27.46	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.84%			
33) 1,2-Dichloropropane-d6	9.27	67	280044	28.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.28%			
37) Toluene-d8	10.32	98	785565	26.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.24%			
38) trans-1,3-Dichloropropene-	10.58	79	101929	25.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.56%			
39) 2-Hexanone-d5	10.92	63	102923	61.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.88%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161251	22.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.40%			
61) 1,2-Dichlorobenzene-d4	13.85	152	197667	39.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 159.36%#			
Target Compounds						Qvalue
13) Acetone	4.12	43	85451	25.624	ug/L	100
14) Carbon disulfide	4.38	76	8915	0.314	ug/L #	91
16) Methylene chloride	4.90	84	26729	2.283	ug/L	98
21) 2-Butanone	7.17	43	26403	7.379	ug/L	92
36) Methylcyclohexane	9.34	83	89265	5.390	ug/L	94
40) 1,2-Dichloropropane	9.35	63	6620	0.715	ug/L #	94
46) 1,1,2-Trichloroethane	10.76	97	41835	6.380	ug/L #	22
49) 2-Hexanone	10.96	43	37705	9.291	ug/L #	78
52) Chlorobenzene	11.66	112	30281	1.253	ug/L #	88
53) Ethylbenzene	11.73	91	17411359	414.293	ug/L #	77
54) m,p-Xylene	11.73	106	6873187	432.171	ug/L	97
56) Styrene	12.18	104	9449774	373.744	ug/L	81
57) Isopropylbenzene	12.46	105	1128285	28.236	ug/L	99
59) 1,2,3-Trichloropropane	12.74	75	5635	0.945	ug/L #	1
66) 1,2-Dibromo-3-chloropropan	14.49	75	1309690	2069.706	ug/L #	1
69) Naphthalene	15.24	128	12041	1.318	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

Quant Time: Jan 16 01:21:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 01:18:54 2020
Response via : Initial Calibration

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

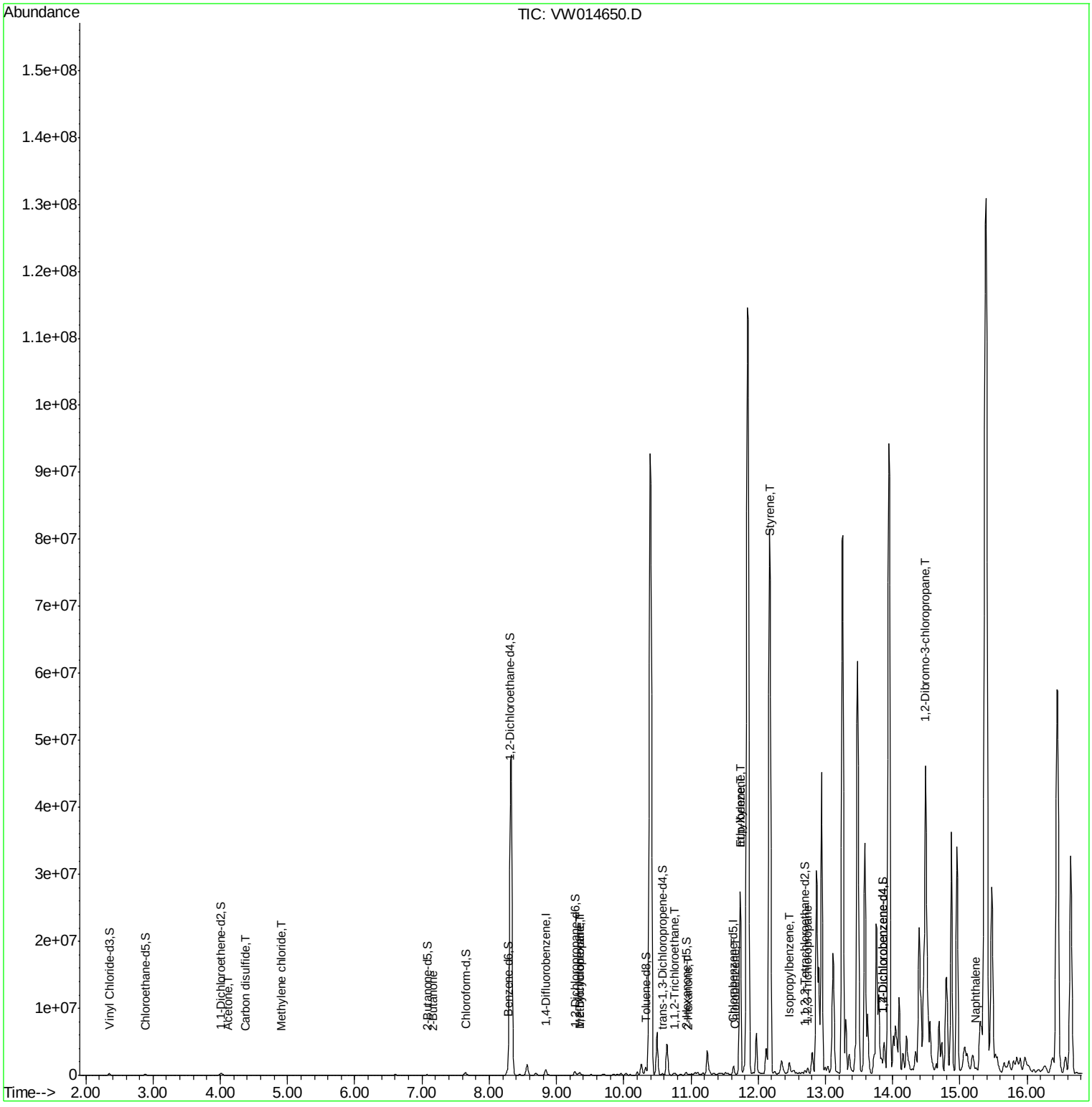
(#) = qualifier out of range (m) = manual integration (+) = signals summed

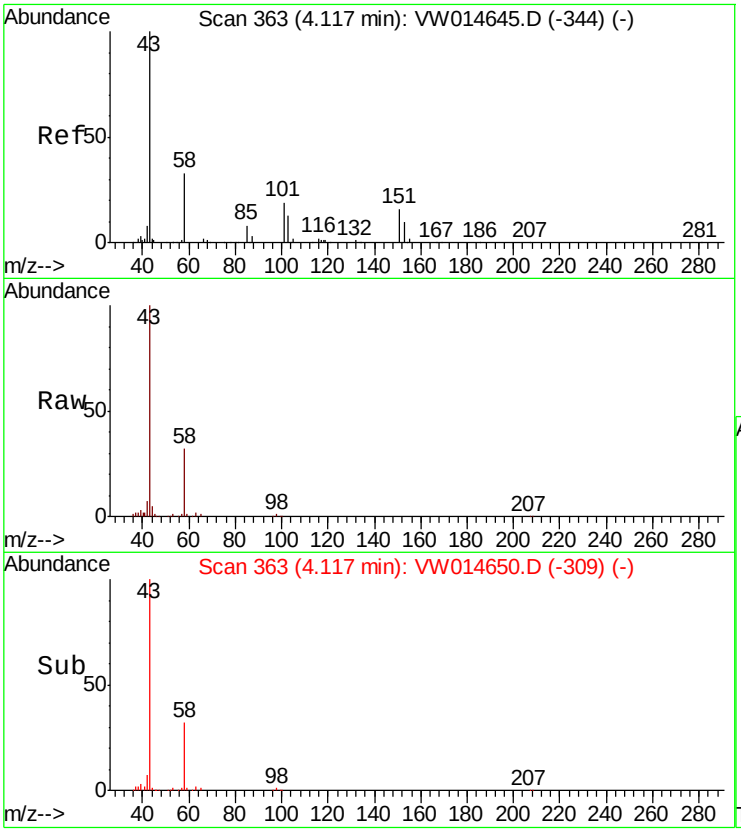
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASH0

Quant Time: Jan 16 01:21:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 01:18:54 2020
Response via : Initial Calibration



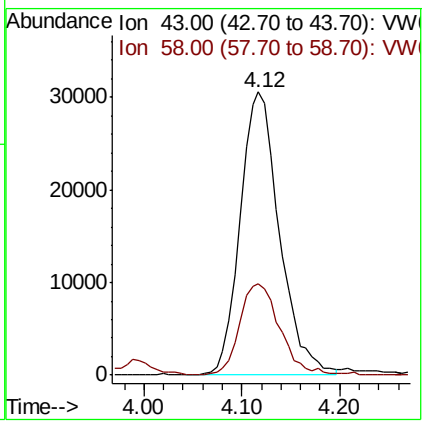


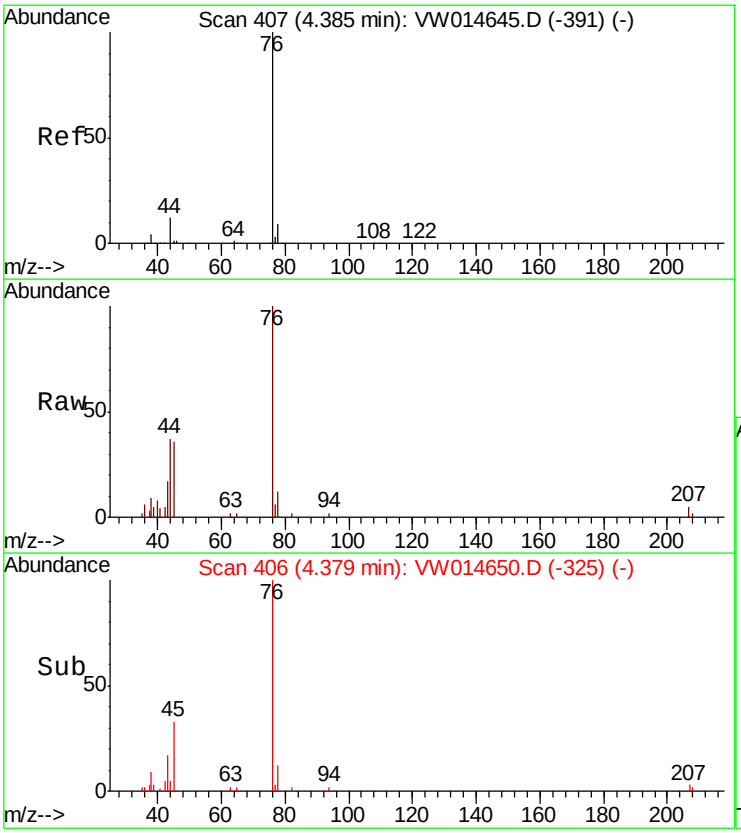
#13
Acetone
Concen: 25.624 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Instrument : MSVOA_W
ClientSampleId : GASH0

Tgt Ion: 43 Resp: 85451

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	64.0

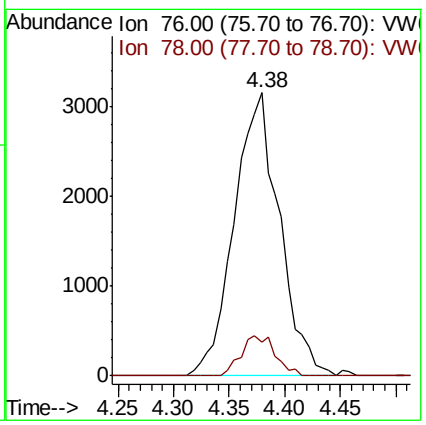


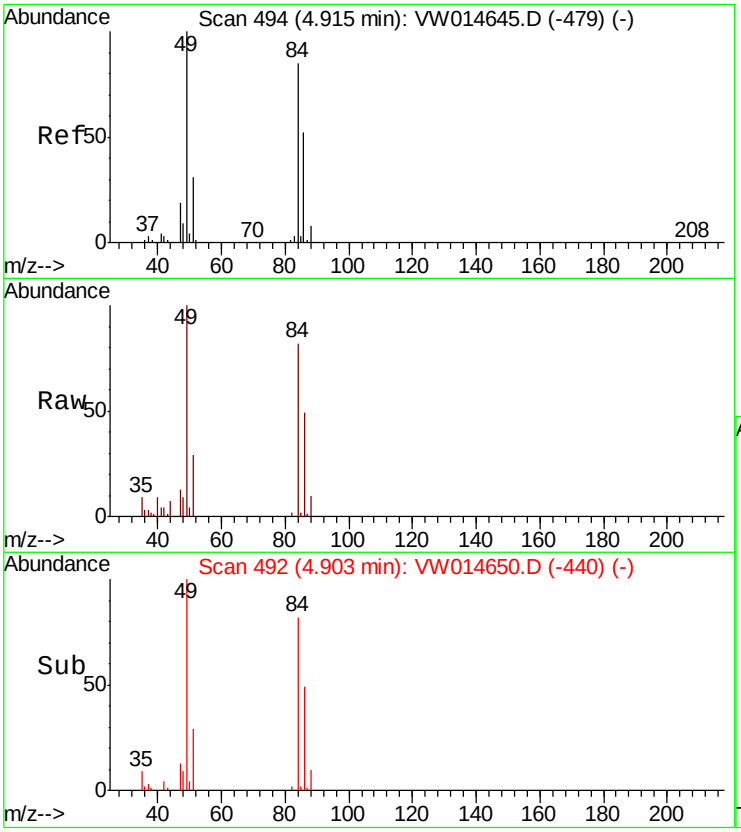


#14
Carbon disulfide
Concen: 0.314 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Tgt Ion: 76 Resp: 8915

Ion	Ratio	Lower	Upper
76	100		
78	11.8	6.9	10.3#



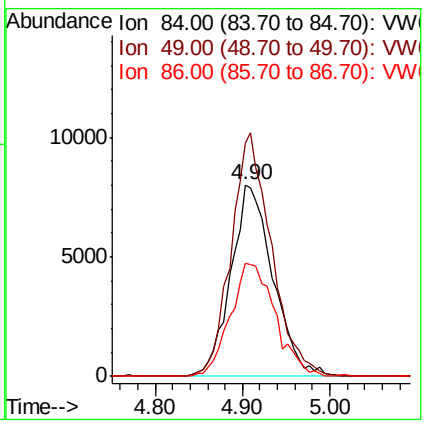


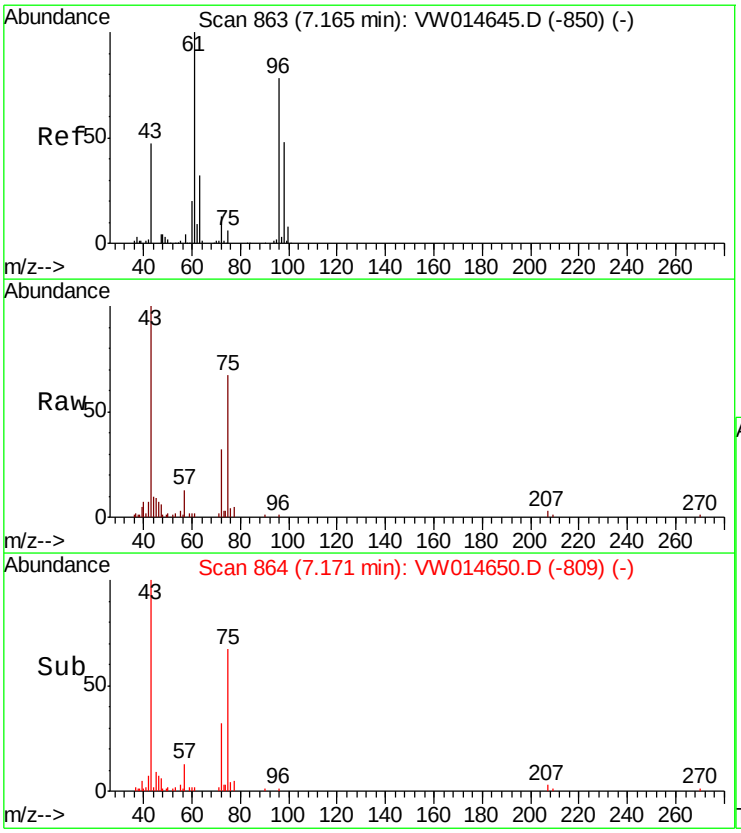
#16
Methylene chloride
Concen: 2.283 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Instrument : MSVOA_W
ClientSampleId : GASH0

Tgt Ion: 84 Resp: 26729

Ion	Ratio	Lower	Upper
84	100		
49	121.8	85.8	159.4
86	59.4	44.5	82.7

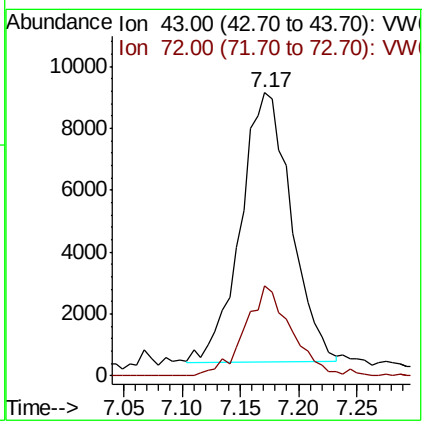


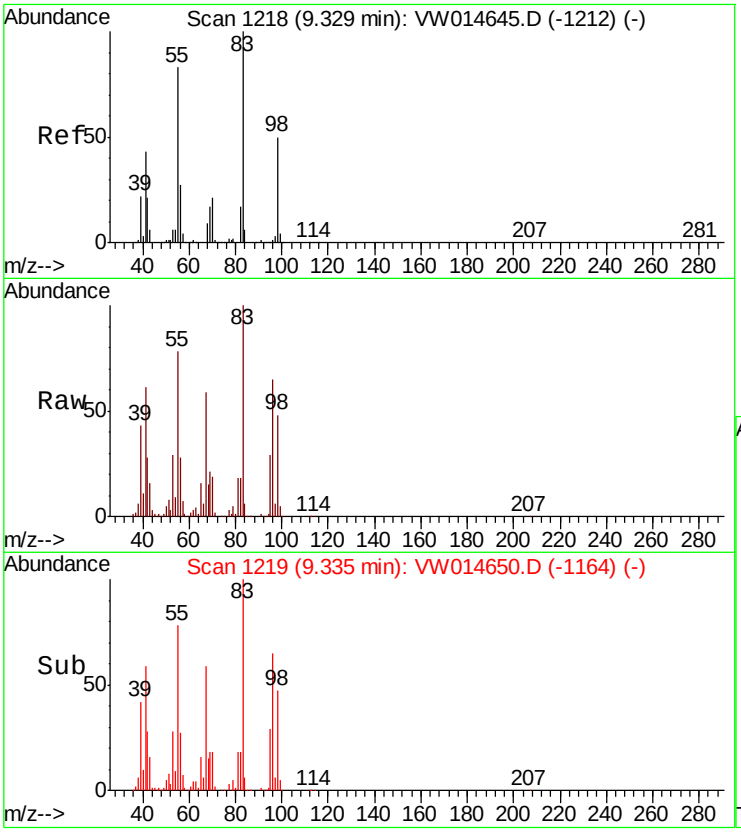


#21
2-Butanone
Concen: 7.379 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Tgt Ion: 43 Resp: 26403

Ion	Ratio	Lower	Upper
43	100		
72	30.4	13.3	39.8



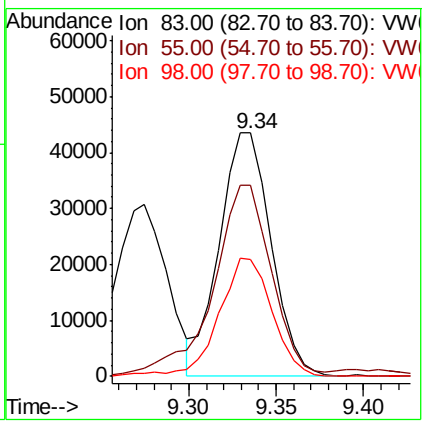


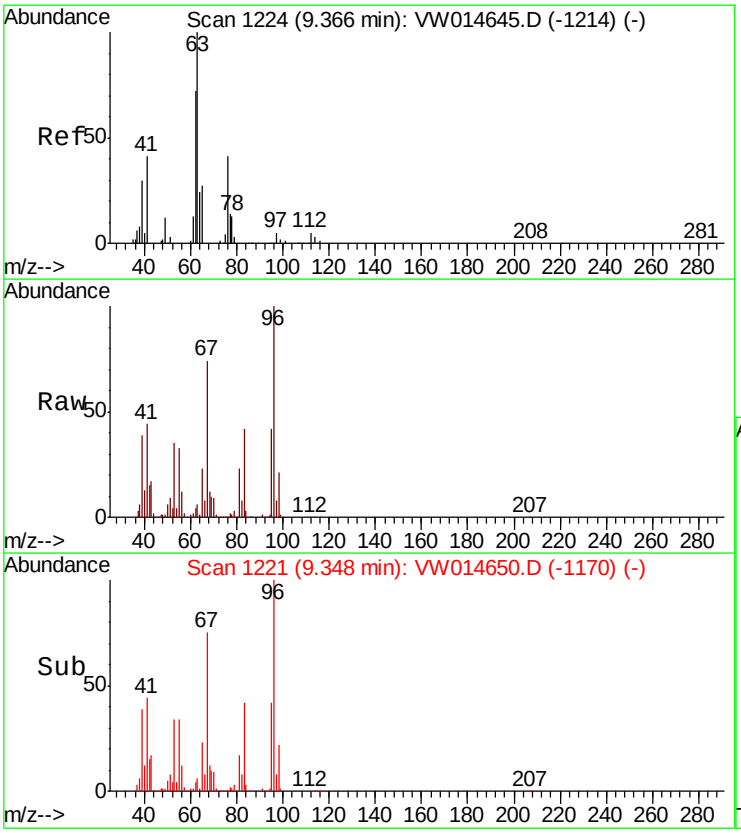
#36
Methylcyclohexane
Concen: 5.390 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
GASH0

Tgt Ion: 83 Resp: 89265

Ion	Ratio	Lower	Upper
83	100		
55	87.5	63.7	95.5
98	49.2	39.4	59.2

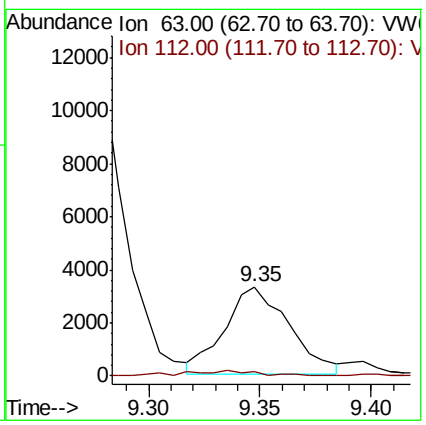


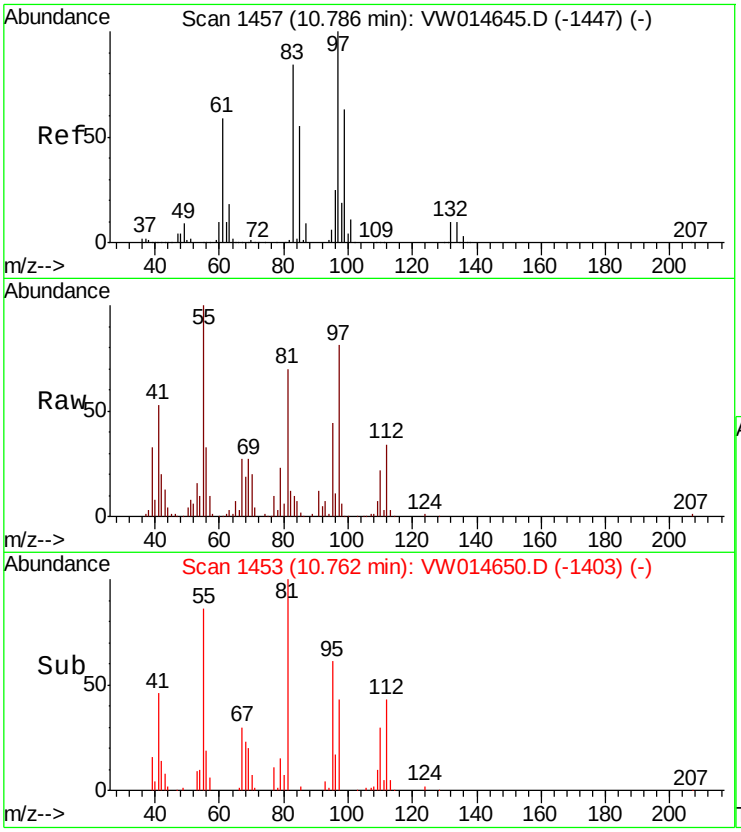


#40
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 9.35 min Scan# 1221
Delta R.T. -0.02 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Tgt Ion: 63 Resp: 6620

Ion	Ratio	Lower	Upper
63	100		
112	2.7	3.7	5.5#



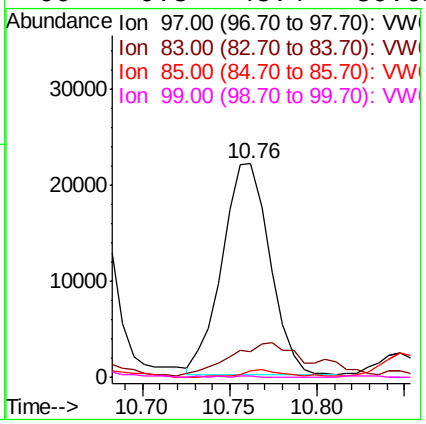


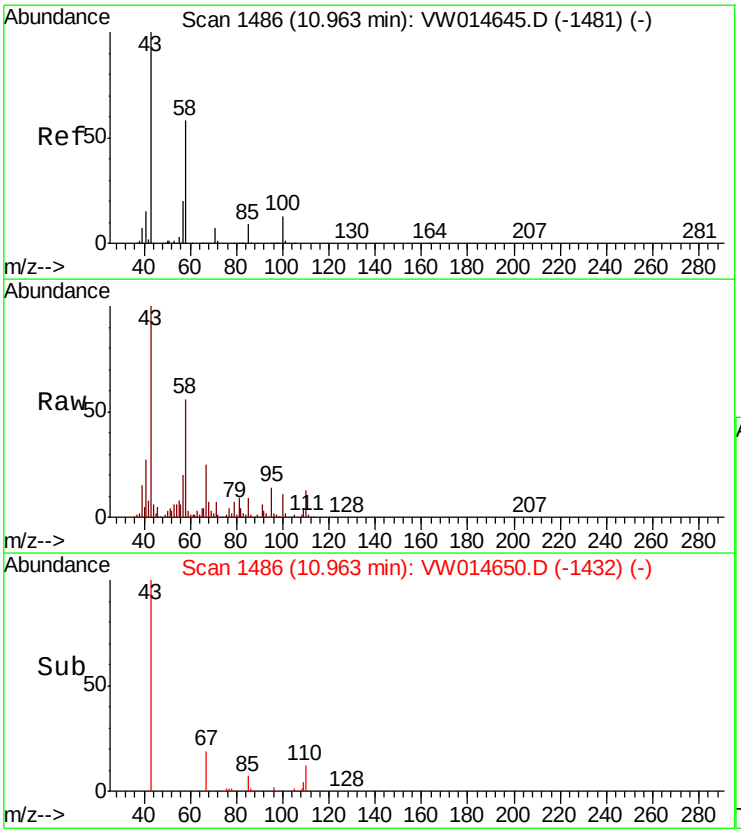
#46
1,1,2-Trichloroethane
Concen: 6.380 ug/L
RT: 10.76 min Scan# 1453
Delta R.T. -0.02 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
GASH0

Tgt Ion: 97 Resp: 41835

Ion	Ratio	Lower	Upper
97	100		
83	11.9	60.1	111.5#
85	2.9	38.1	70.9#
99	0.3	43.4	80.6#

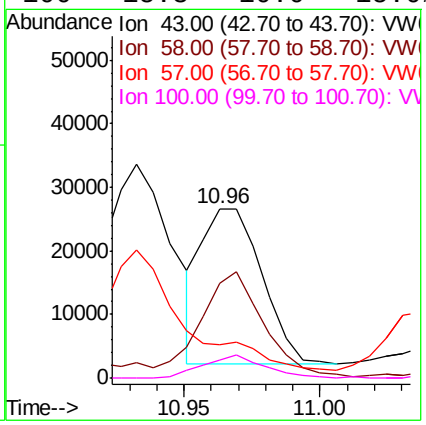


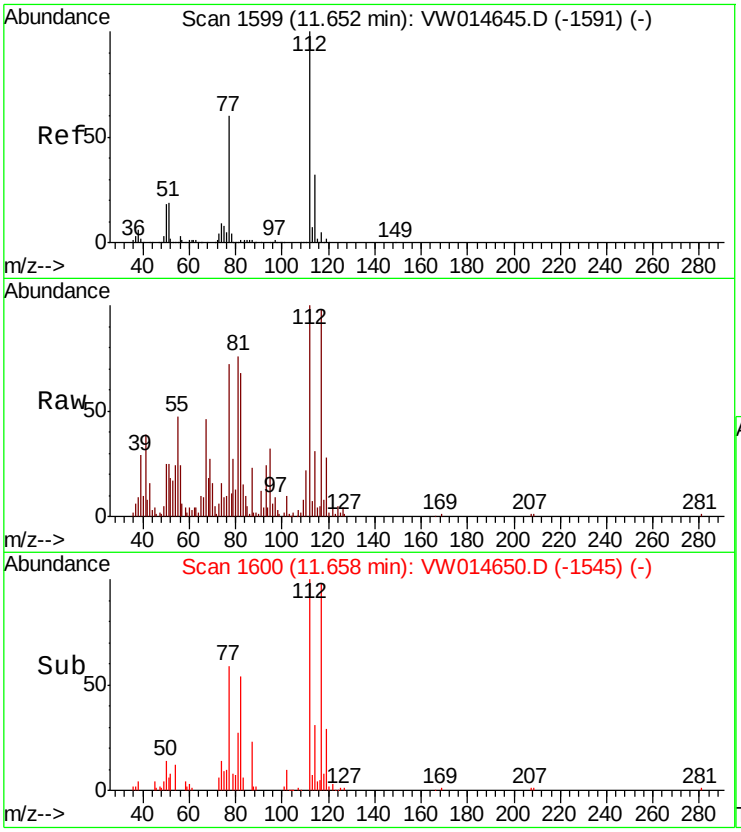


#49
2-Hexanone
Concen: 9.291 ug/L
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Tgt Ion: 43 Resp: 37705

Ion	Ratio	Lower	Upper
43	100		
58	69.4	44.9	67.3#
57	0.0	15.3	22.9#
100	15.3	10.0	15.0#



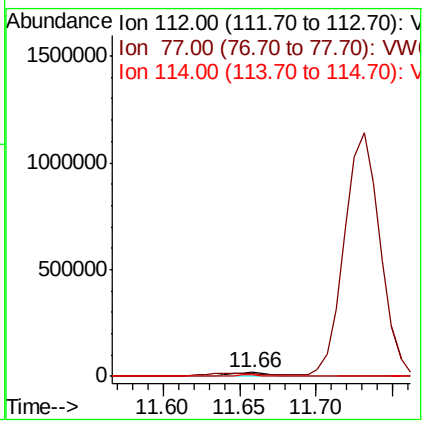


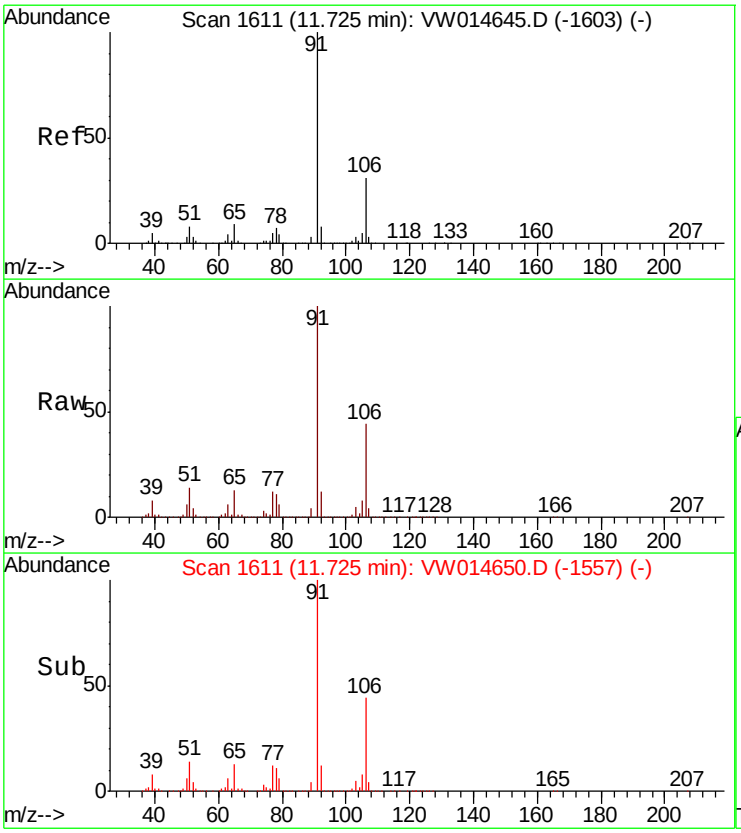
#52
Chlorobenzene
Concen: 1.253 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Instrument : MSVOA_W
ClientSampleId : GASH0

Tgt Ion:112 Resp: 30281

Ion	Ratio	Lower	Upper
112	100		
77	72.4	48.2	72.2#
114	30.9	22.9	42.5

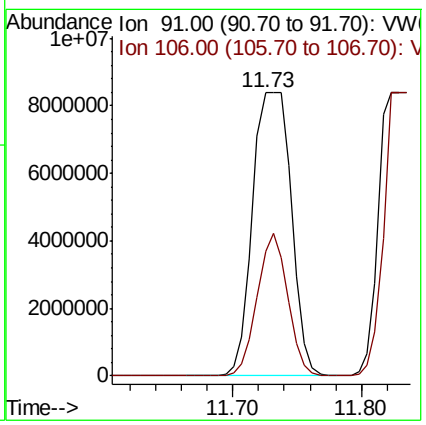


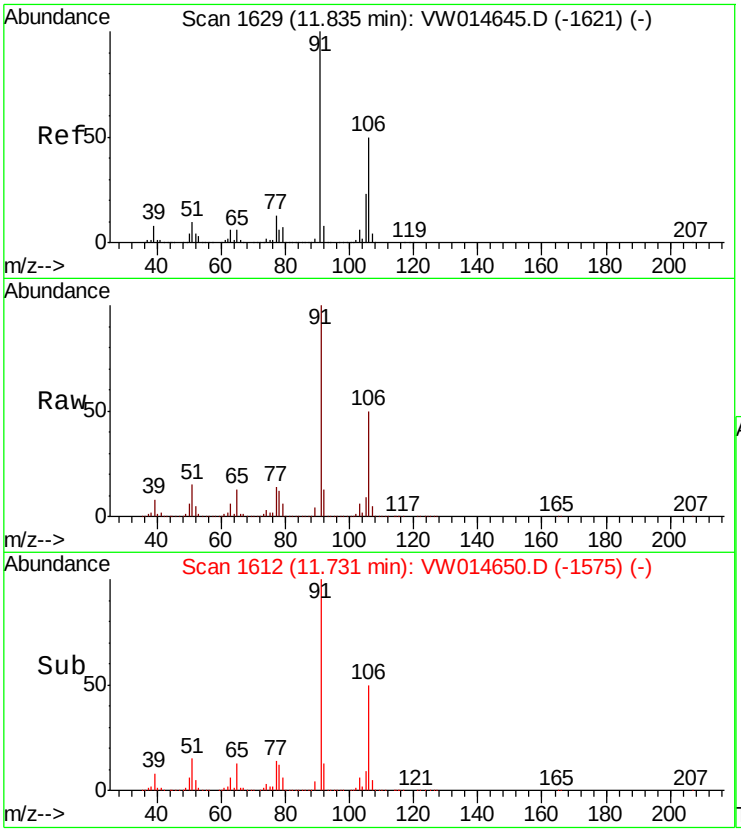


#53
Ethylbenzene
Concen: 414.293 ug/L
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Tgt Ion: 91 Resp:17411359

Ion	Ratio	Lower	Upper
91	100		
106	44.1	21.8	40.6#



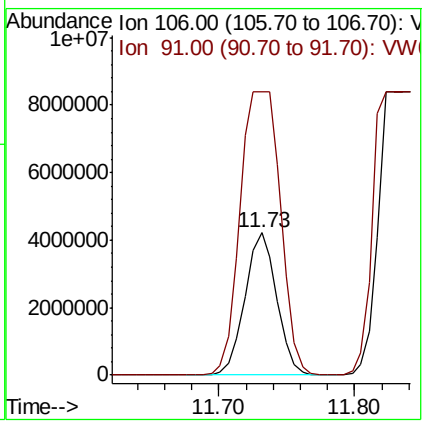


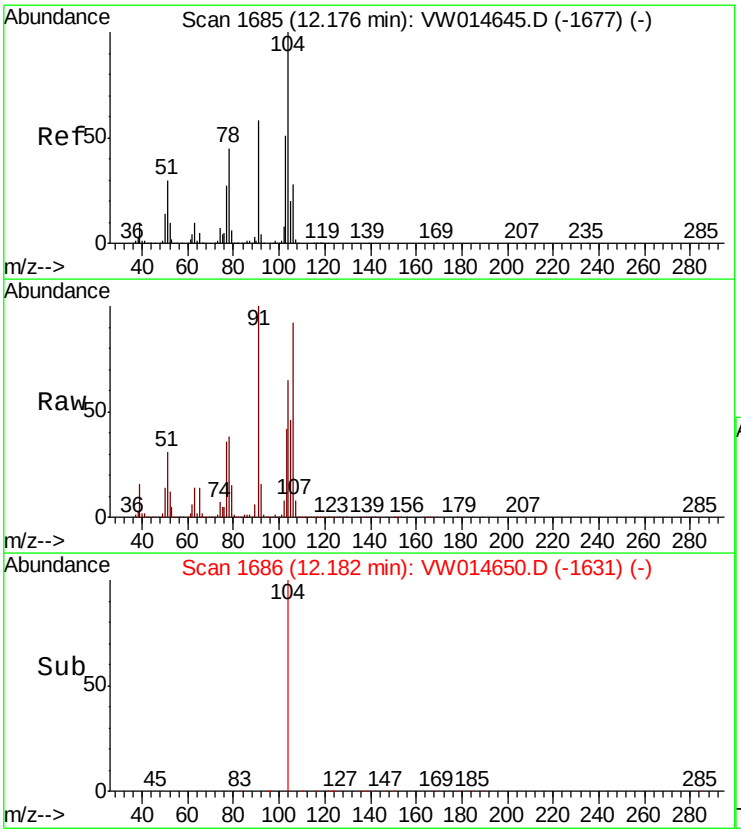
#54
m,p-Xylene
Concen: 432.171 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.10 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
GASH0

Tgt Ion:106 Resp: 6873187

Ion	Ratio	Lower	Upper
106	100		
91	199.0	142.2	264.0

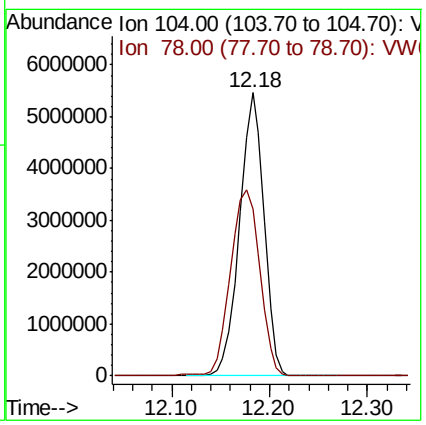


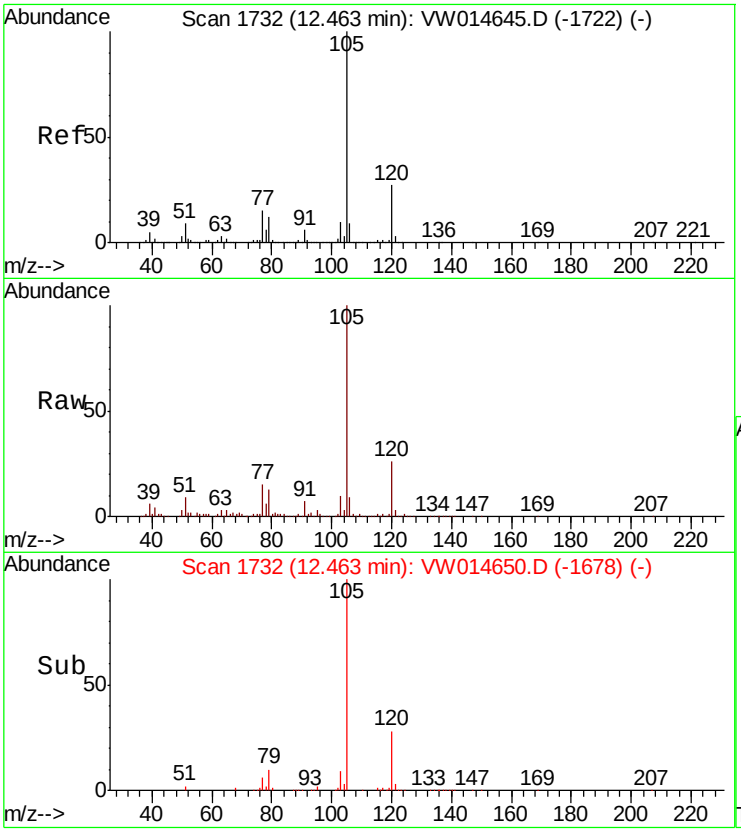


#56
Styrene
Concen: 373.744 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Tgt Ion:104 Resp: 9449774

Ion	Ratio	Lower	Upper
104	100		
78	59.0	32.3	60.1



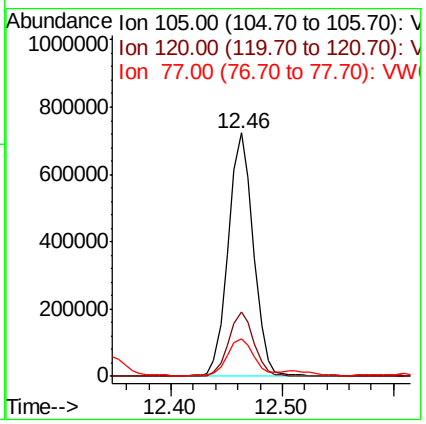


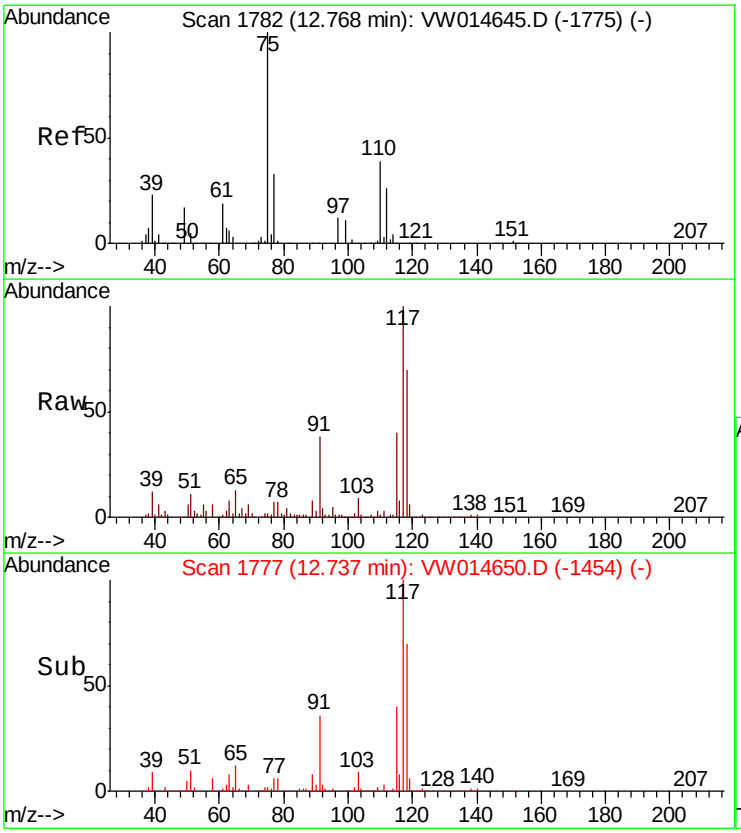
#57
Isopropylbenzene
Concen: 28.236 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Instrument : MSVOA_W
ClientSampleId : GASH0

Tgt Ion:105 Resp: 1128285

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.0	31.6
77	16.0	12.2	18.2

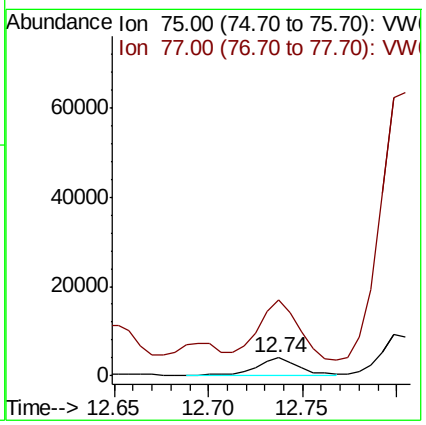


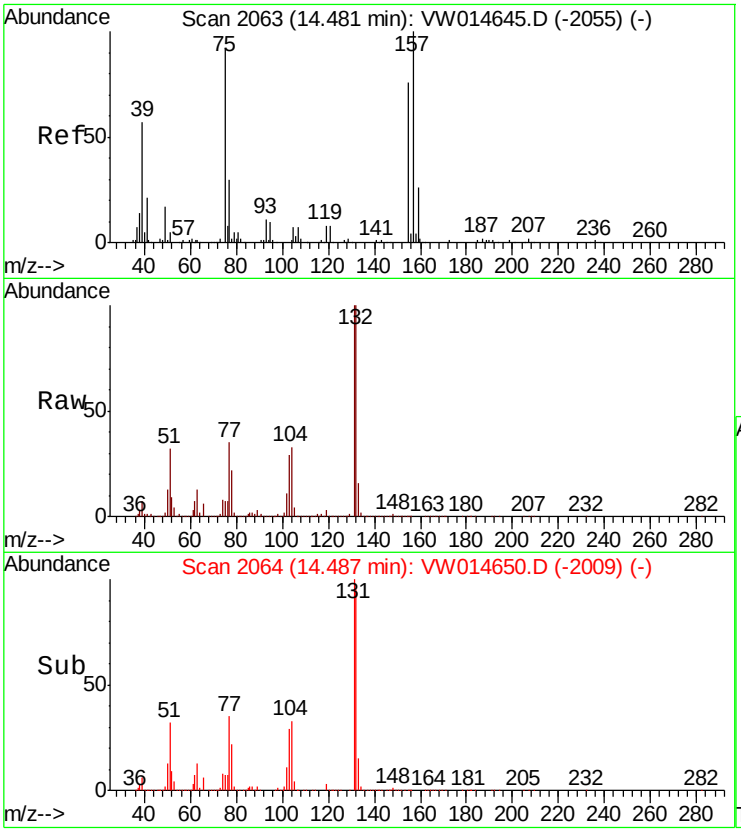


#59
1,2,3-Trichloropropane
Concen: 0.945 ug/L
RT: 12.74 min Scan# 1777
Delta R.T. -0.03 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Tgt Ion: 75 Resp: 5635

Ion	Ratio	Lower	Upper
75	100		
77	349.1	26.2	39.2#



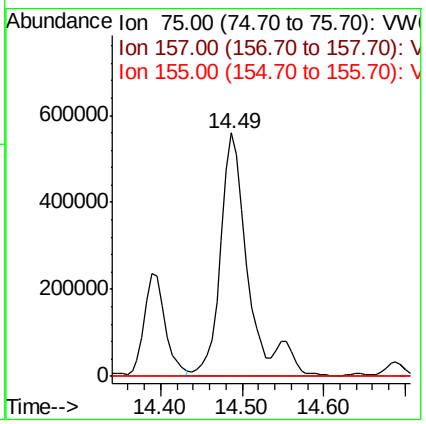


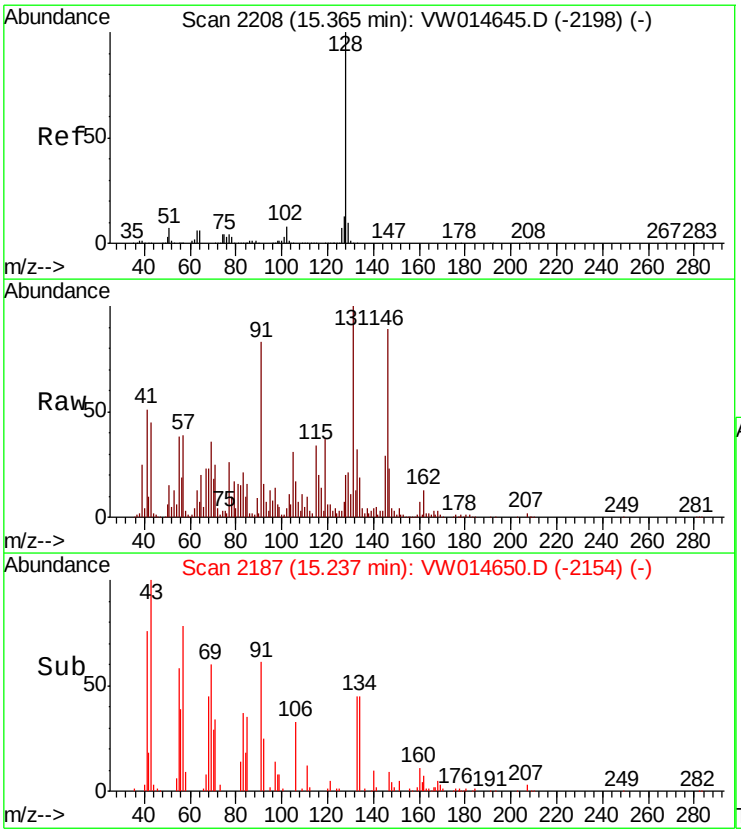
#66
1,2-Dibromo-3-chloropropane
Concen: 2069.706 ug/L
RT: 14.49 min Scan# 2064
Delta R.T. 0.01 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
GASH0

Tgt Ion: 75 Resp: 1309690

Ion	Ratio	Lower	Upper
75	100		
157	0.0	87.2	130.8#
155	0.1	67.8	101.8#





#69
Naphthalene
Concen: 1.318 ug/L
RT: 15.24 min Scan# 2187
Delta R.T. -0.13 min
Lab File: VW014650.D
Acq: 15 Jan 2020 13:24

Tgt Ion:128 Resp: 12041

Ion	Ratio	Lower	Upper
128	100		
129	692.4	8.8	13.2#
127	0.0	10.6	16.0#