Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Jan 16 01:21:39 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	275114	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	187713	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	40583	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	92430	23.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.32%			
7) Chloroethane-d5	2.89	69	80258	28.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.36%			
10) 1,1-Dichloroethene-d2	4.01	63	133263	18.79	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.16%			
20) 2-Butanone-d5	7.07	46	65665	71.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 142.30%#			
24) Chloroform-d	7.65	84	171424	27.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.32%			
26) 1,2-Dichloroethane-d4	8.31	65	97528	29.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.76%			
29) Benzene-d6	8.27	84	361130	36.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 144.72%#			
33) 1,2-Dichloropropane-d6	9.27	67	110691	36.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 147.52%#			
37) Toluene-d8	10.32	98	260342	28.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 115.08%			
38) trans-1,3-Dichloropropene-	10.58	79	39927	32.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 128.84%			
39) 2-Hexanone-d5	10.92	63	46675	90.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 181.90%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54362	24.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.48%			
61) 1,2-Dichlorobenzene-d4	13.85	152	37366	27.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.76%			
Target Compounds						Qvalue
13) Acetone	4.13	43	30918	24.198	ug/L	99
16) Methylene chloride	4.91	84	18242	4.066	ug/L	94
21) 2-Butanone	7.13	43	3205	2.338	ug/L	78
34) Benzene	8.32	78	28411	2.515	ug/L	100
42) cis-1,3-Dichloropropene	10.04	75	2340	0.548	ug/L #	23
43) 4-Methyl-2-pentanone	10.21	43	6206	3.381	ug/L	98
44) Toluene	10.38	91	4911791	416.080	ug/L	97
47) Tetrachloroethene	10.86	164	1363	0.557	ug/L	84
49) 2-Hexanone	10.97	43	5702	4.549	ug/L	88
52) Chlorobenzene	11.66	112	12292	1.647	ug/L	92
53) Ethylbenzene	11.73	91	11645474	897.223	ug/L	94
54) m,p-Xylene	11.84	106	5452061	1110.009	ug/L	91
56) Styrene	12.18	104	6915574	885.624	ug/L	86
57) Isopropylbenzene	12.46	105	1436712	116.419	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.69	83	5209	2.118	ug/L	94
59) 1,2,3-Trichloropropane	12.74	75	17215	9.346	ug/L #	1
66) 1,2-Dibromo-3-chloropropan	14.49	75	178974	1049.304	ug/L #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Jan 16 01:21:39 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)
69) Naphthalene	15.36	128	2615885	1061.994	ug/L	100

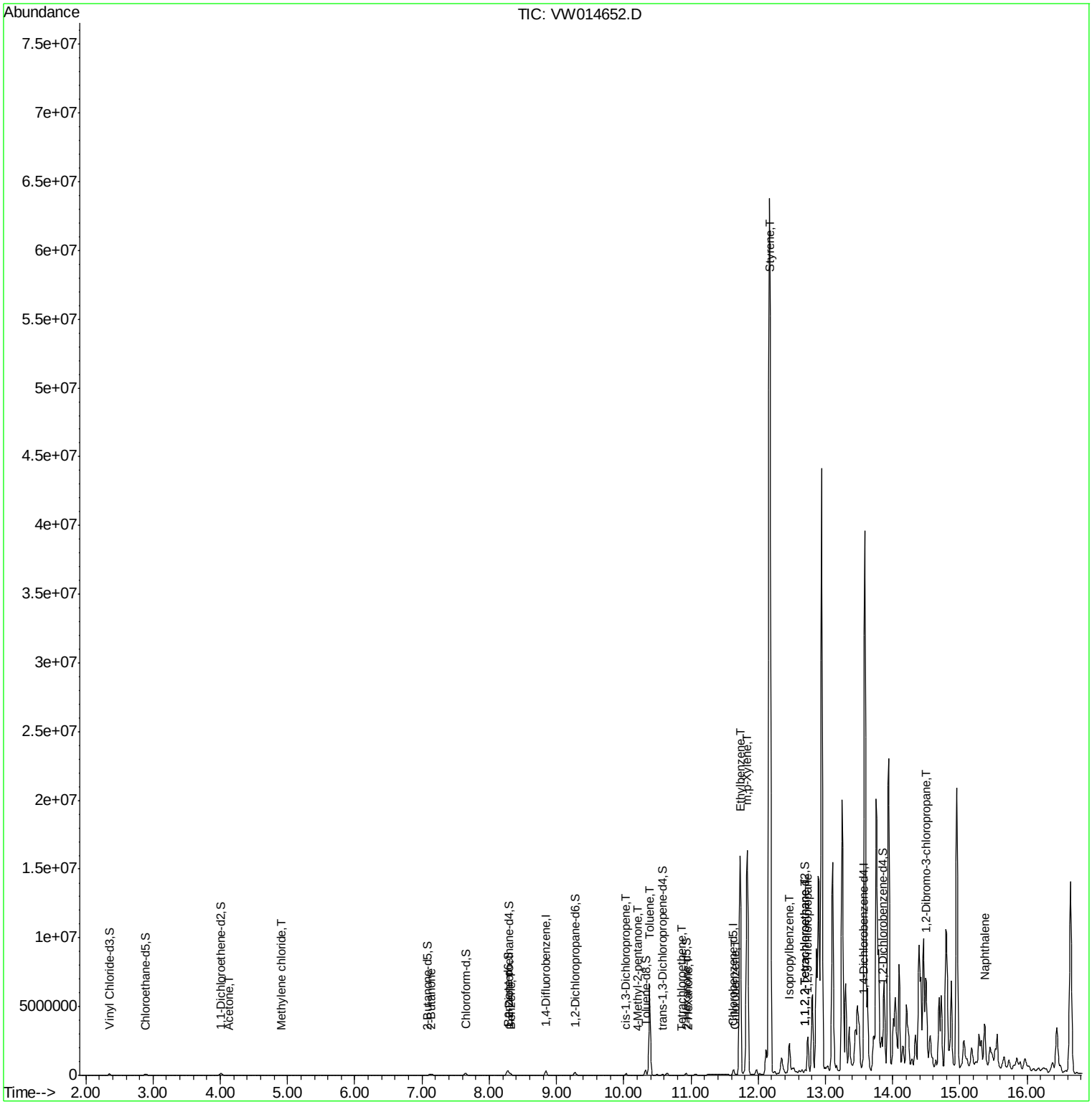
(#) = qualifier out of range (m) = manual integration (+) = signals summed

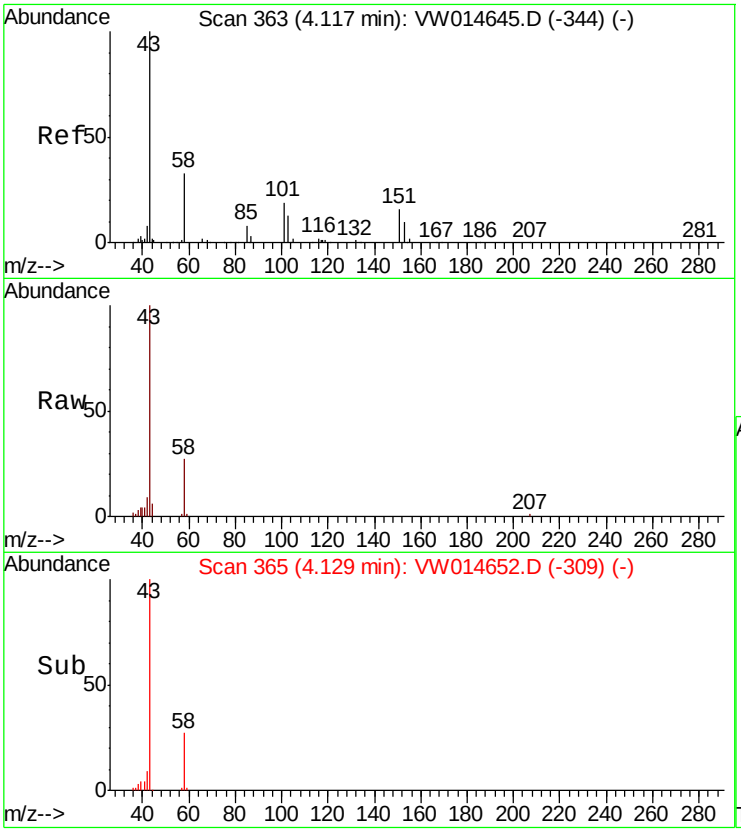
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011520\
Data File : VW014652.D
Acq On : 15 Jan 2020 14:17
Operator : SY/VA
Sample : L1109-10
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 16 01:21:39 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



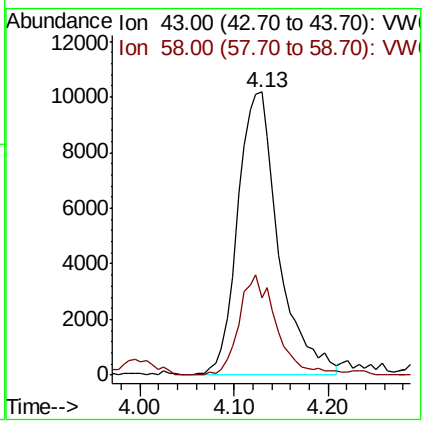


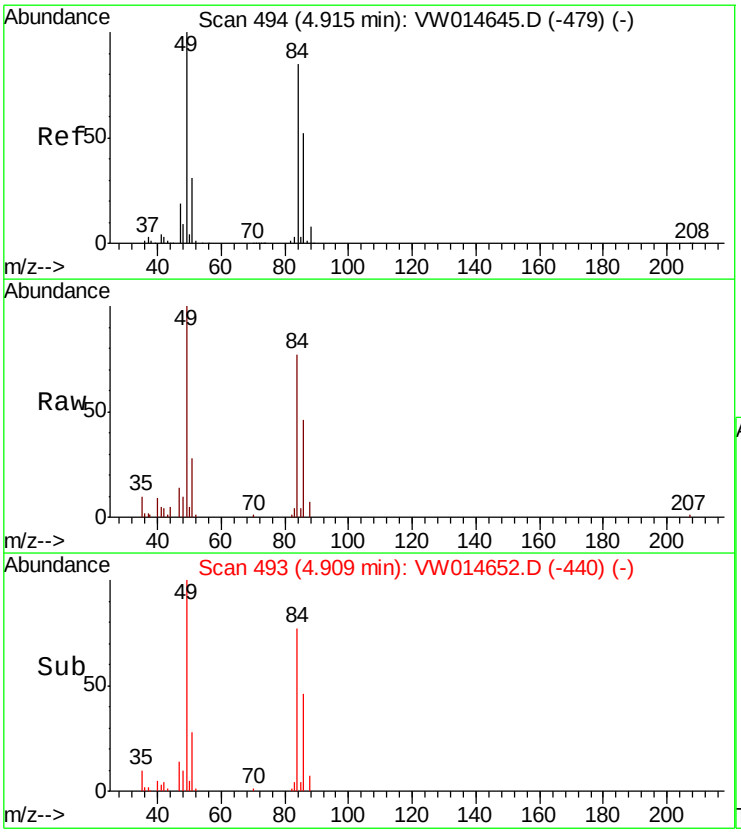
#13
Acetone
Concen: 24.198 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 30918

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	64.0

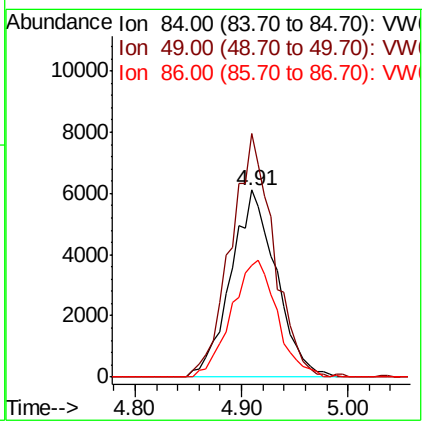


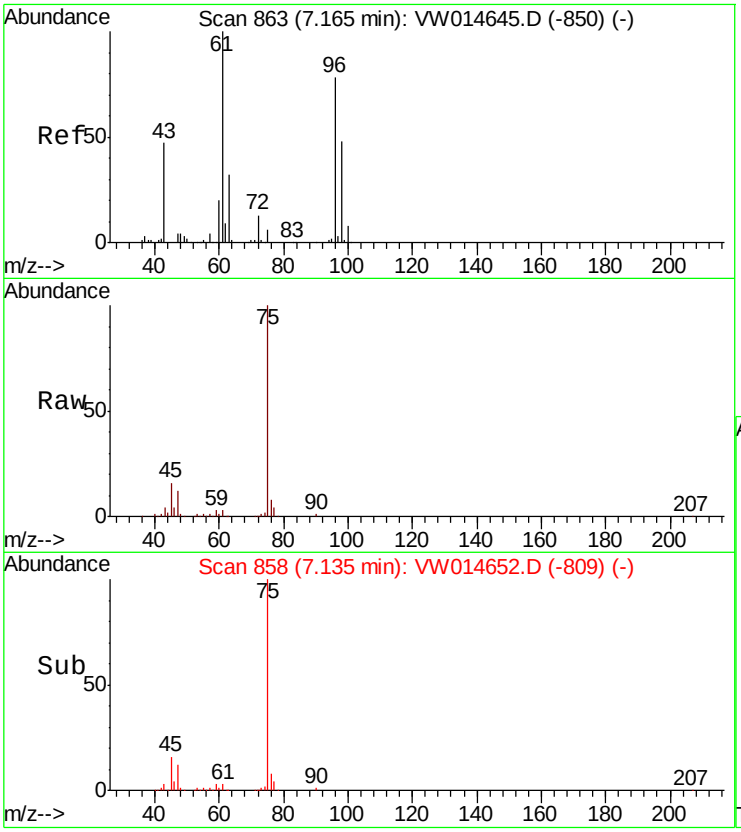


#16
Methylene chloride
Concen: 4.066 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Tgt Ion: 84 Resp: 18242

Ion	Ratio	Lower	Upper
84	100		
49	130.4	85.8	159.4
86	60.2	44.5	82.7



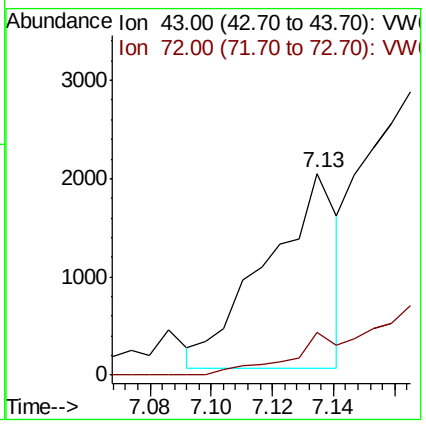


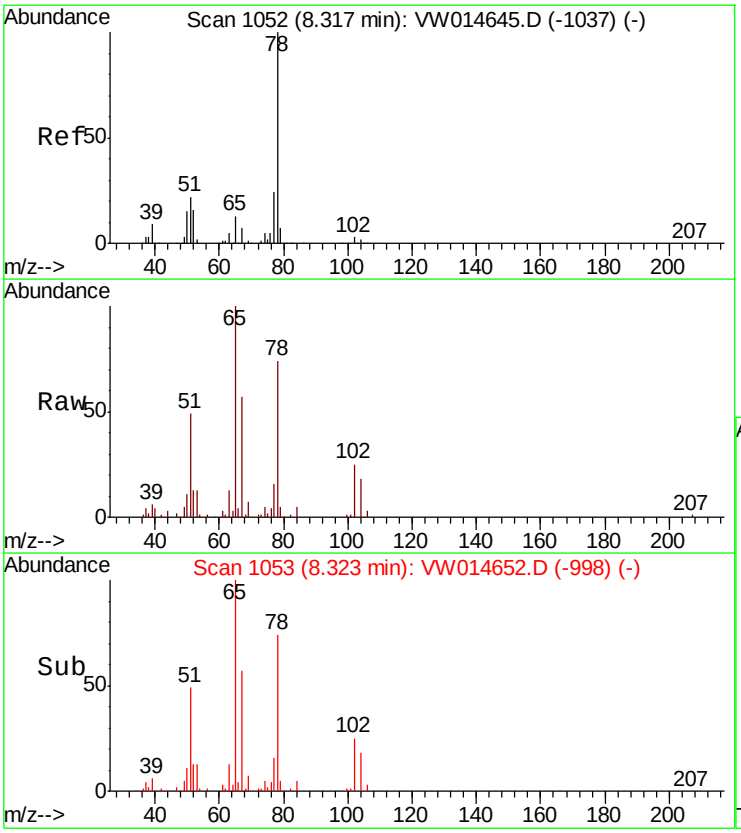
#21
2-Butanone
Concen: 2.338 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 3205

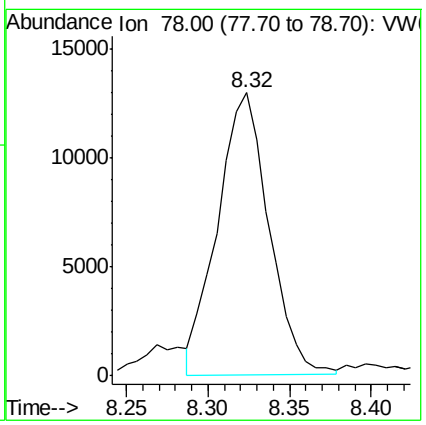
Ion	Ratio	Lower	Upper
43	100		
72	15.2	13.3	39.8

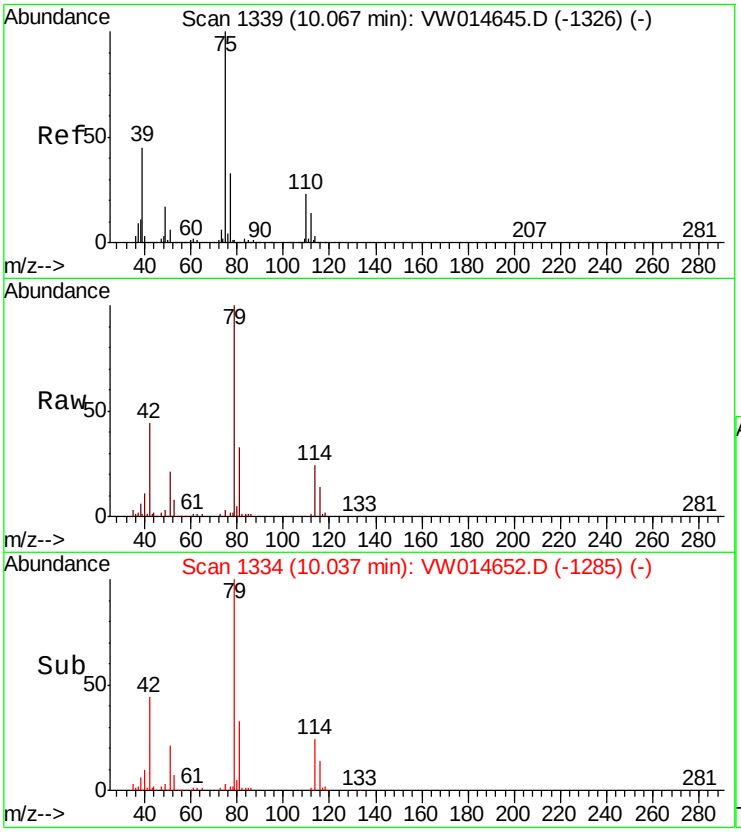




#34
Benzene
Concen: 2.515 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Tgt Ion: 78 Resp: 28411



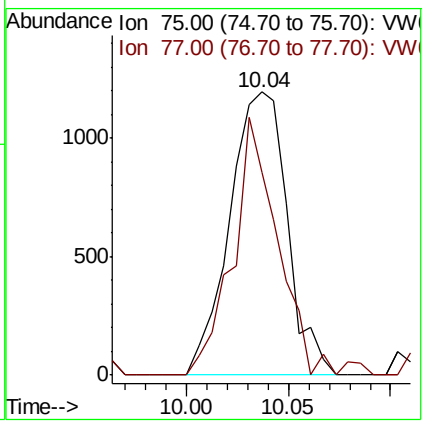


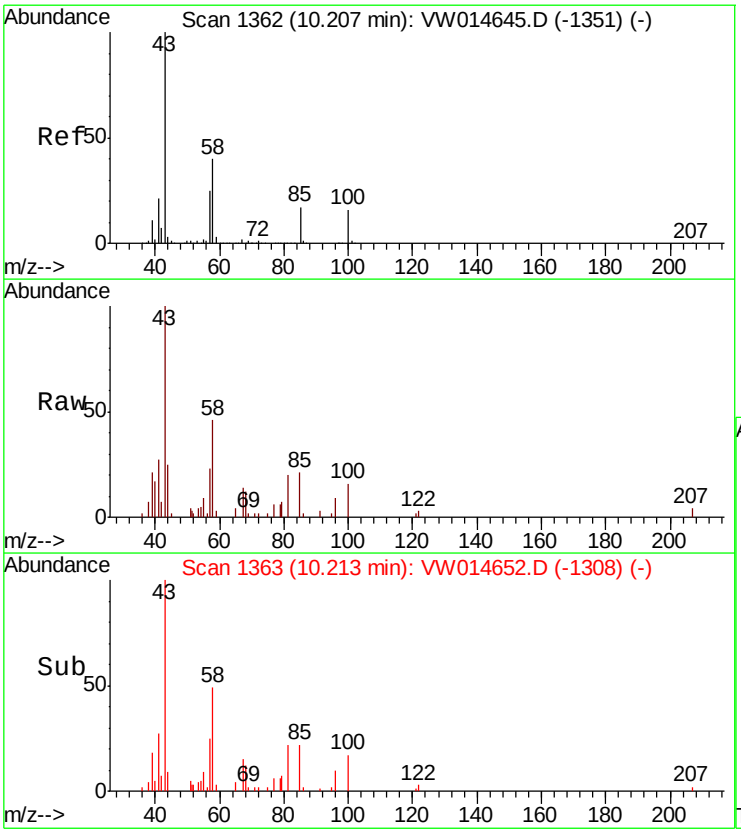
#42
cis-1,3-Dichloropropene
Concen: 0.548 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2340

Ion	Ratio	Lower	Upper
75	100		
77	71.7	21.0	39.0#

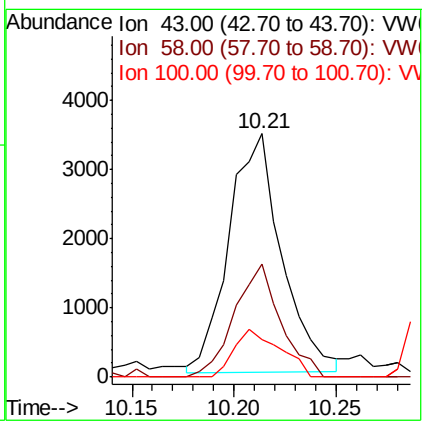


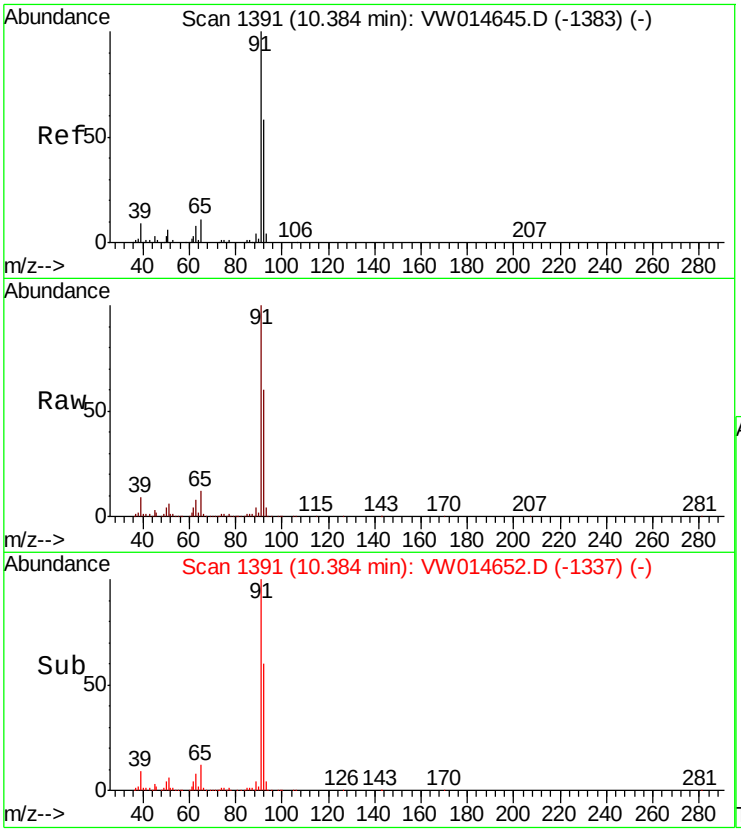


#43
4-Methyl-2-pentanone
Concen: 3.381 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Tgt Ion: 43 Resp: 6206

Ion	Ratio	Lower	Upper
43	100		
58	41.5	32.6	48.8
100	17.4	12.6	19.0



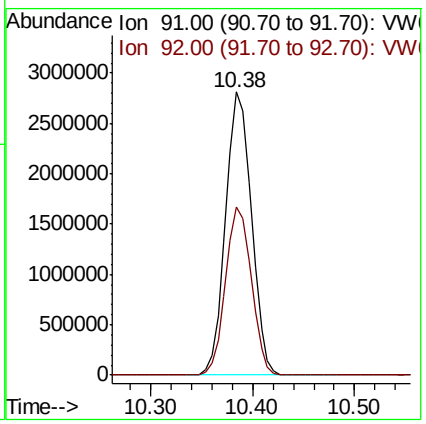


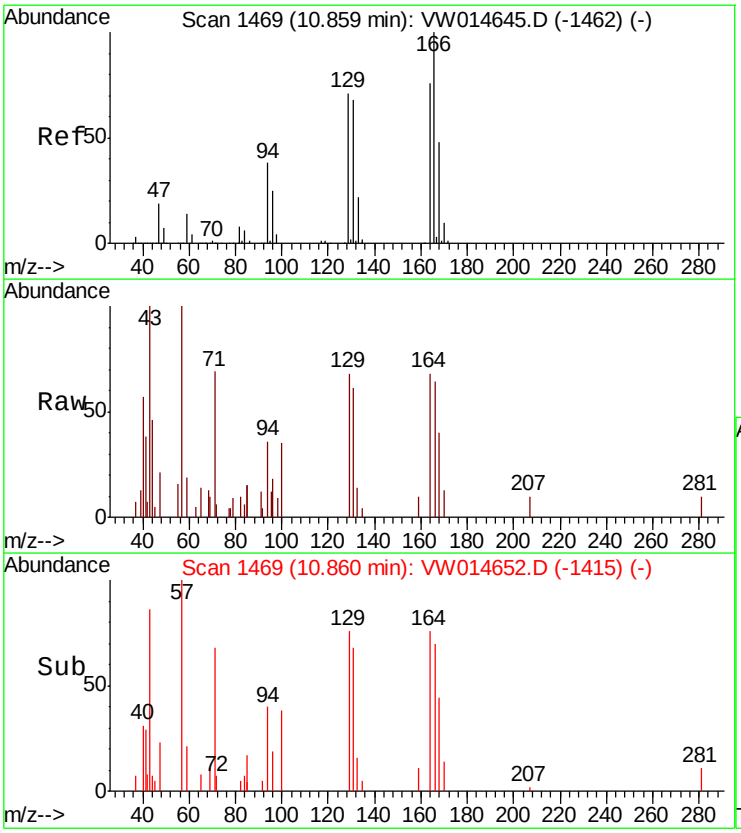
#44
Toluene
Concen: 416.080 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 4911791

Ion	Ratio	Lower	Upper
91	100		
92	59.6	40.2	74.6

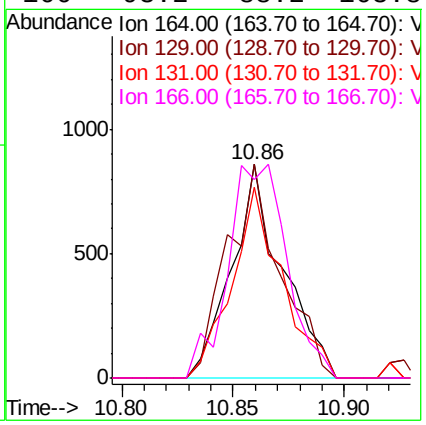


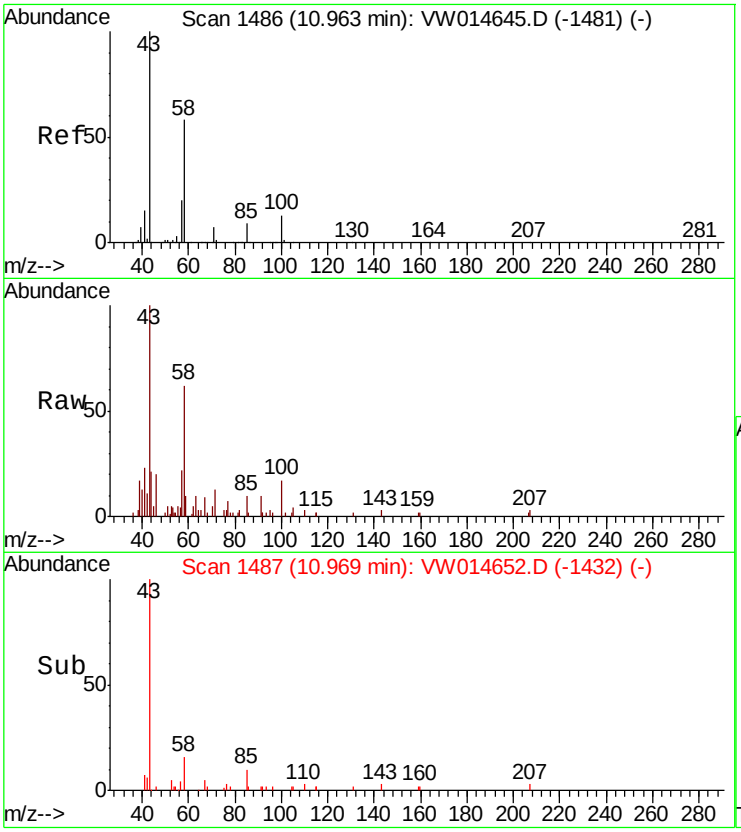


#47
Tetrachloroethene
Concen: 0.557 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Tgt Ion:164 Resp: 1363

Ion	Ratio	Lower	Upper
164	100		
129	100.0	64.0	118.8
131	89.5	60.2	111.8
166	93.2	88.2	163.8



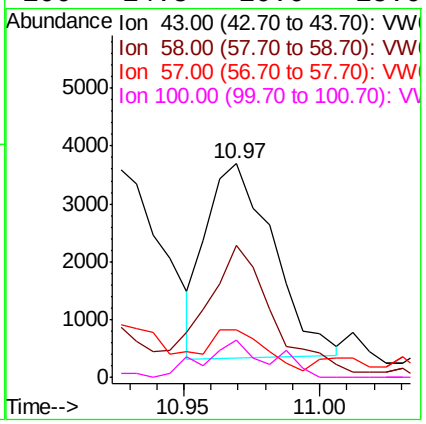


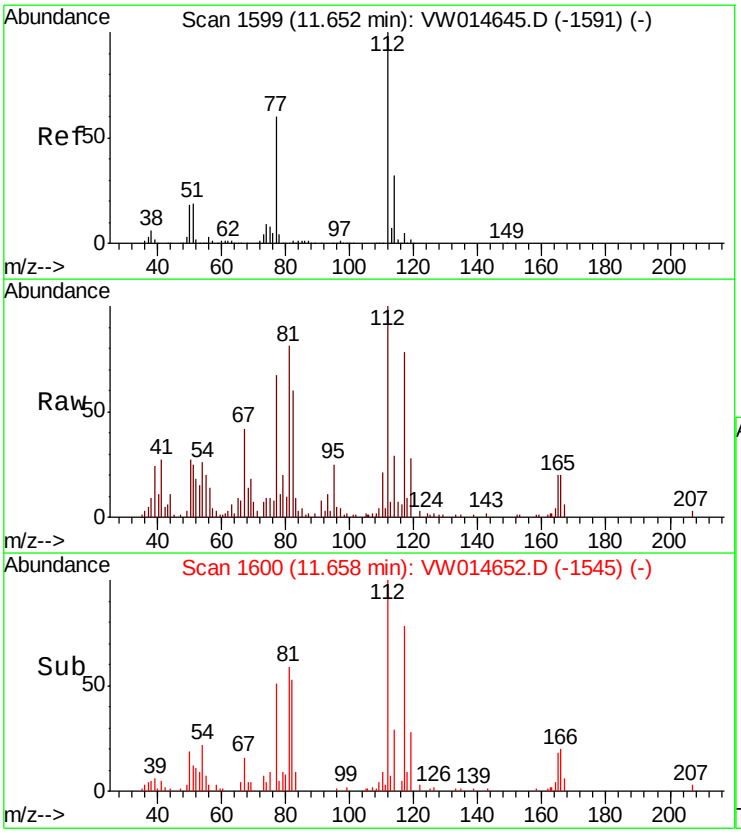
#49
2-Hexanone
Concen: 4.549 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 5702

Ion	Ratio	Lower	Upper
43	100		
58	66.9	44.9	67.3
57	15.6	15.3	22.9
100	14.8	10.0	15.0

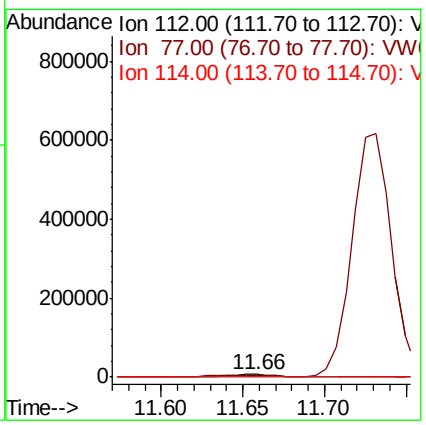


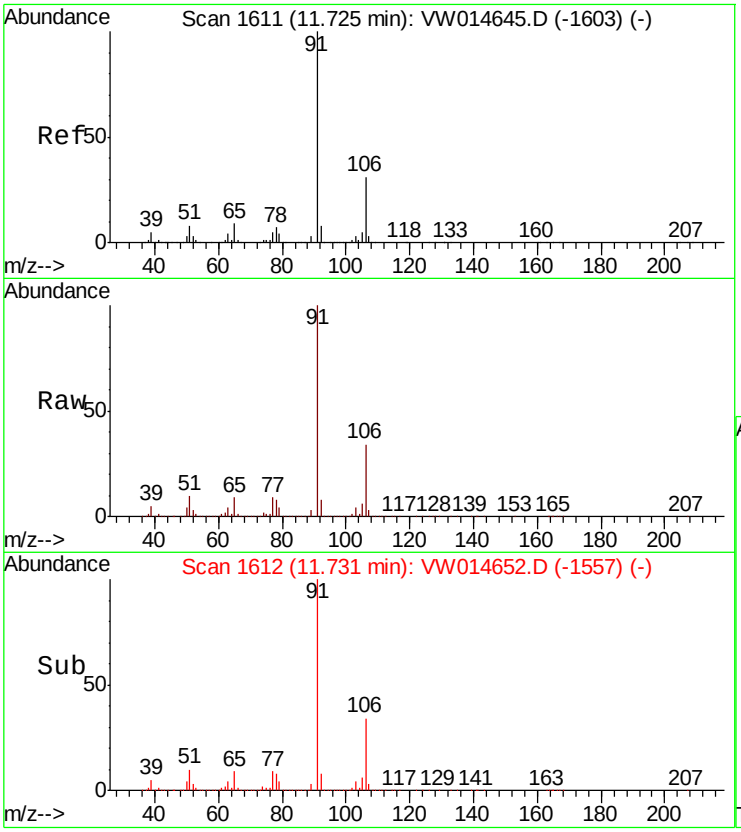


#52
Chlorobenzene
Concen: 1.647 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Tgt Ion:112 Resp: 12292

Ion	Ratio	Lower	Upper
112	100		
77	66.7	48.2	72.2
114	28.9	22.9	42.5



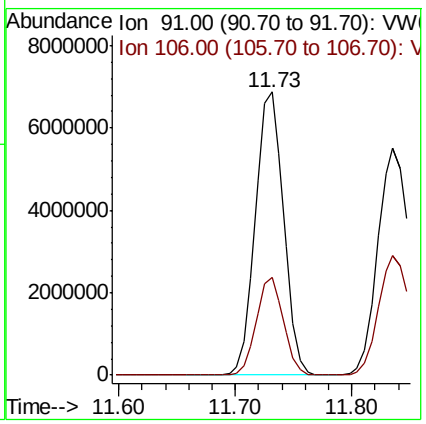


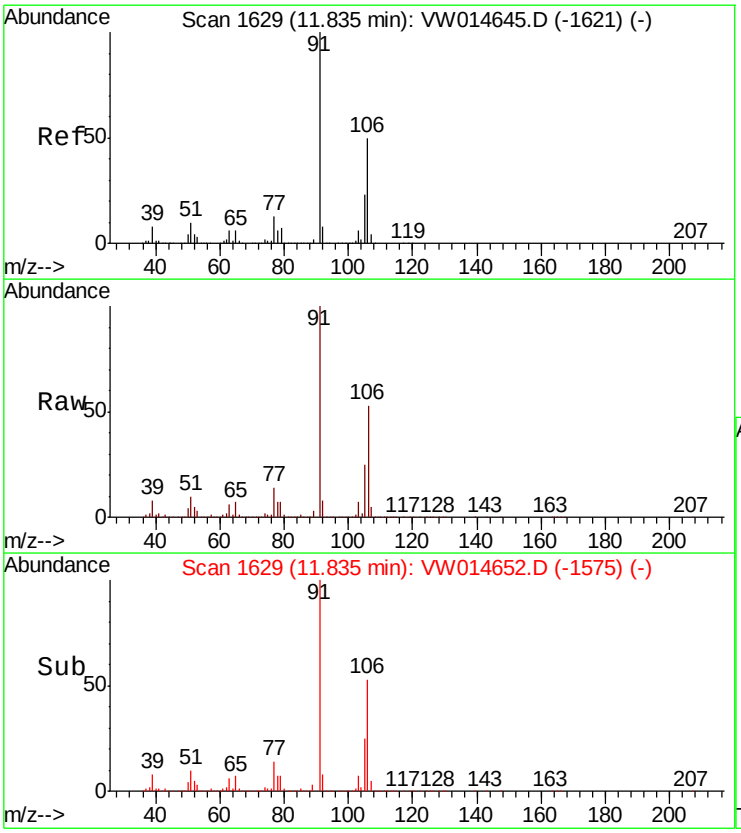
#53
Ethylbenzene
Concen: 897.223 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp:11645474

Ion	Ratio	Lower	Upper
91	100		
106	34.4	21.8	40.6

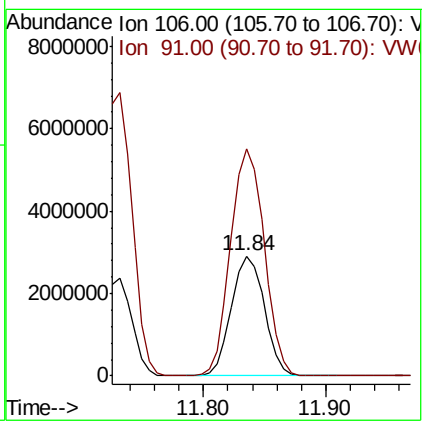


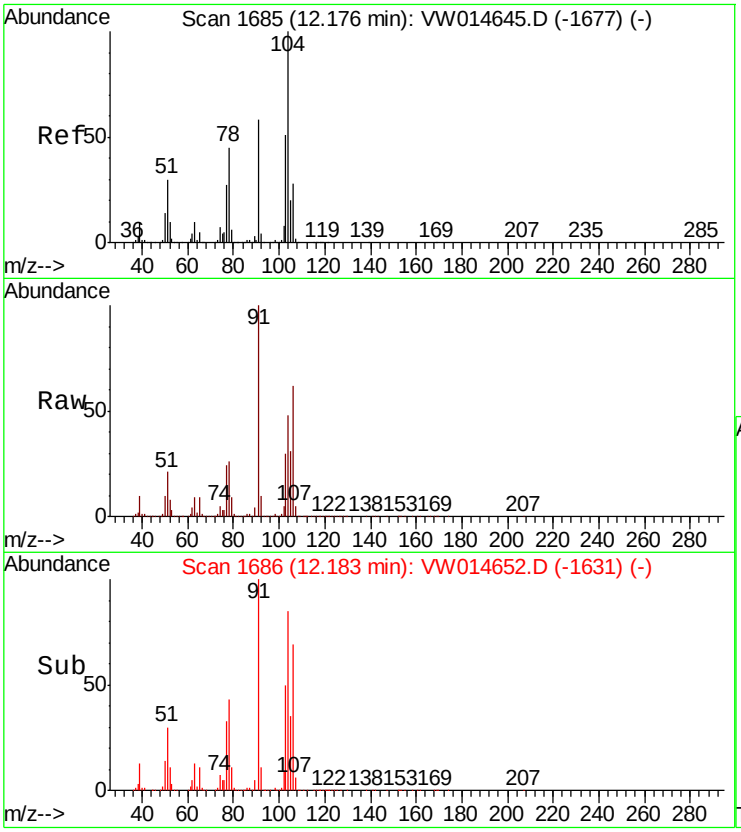


#54
m,p-Xylene
Concen: 1110.009 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Tgt Ion:106 Resp: 5452061

Ion	Ratio	Lower	Upper
106	100		
91	189.3	142.2	264.0



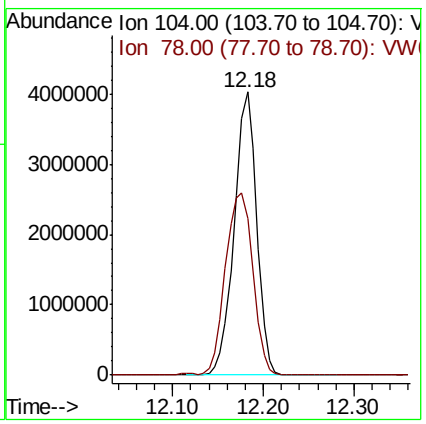


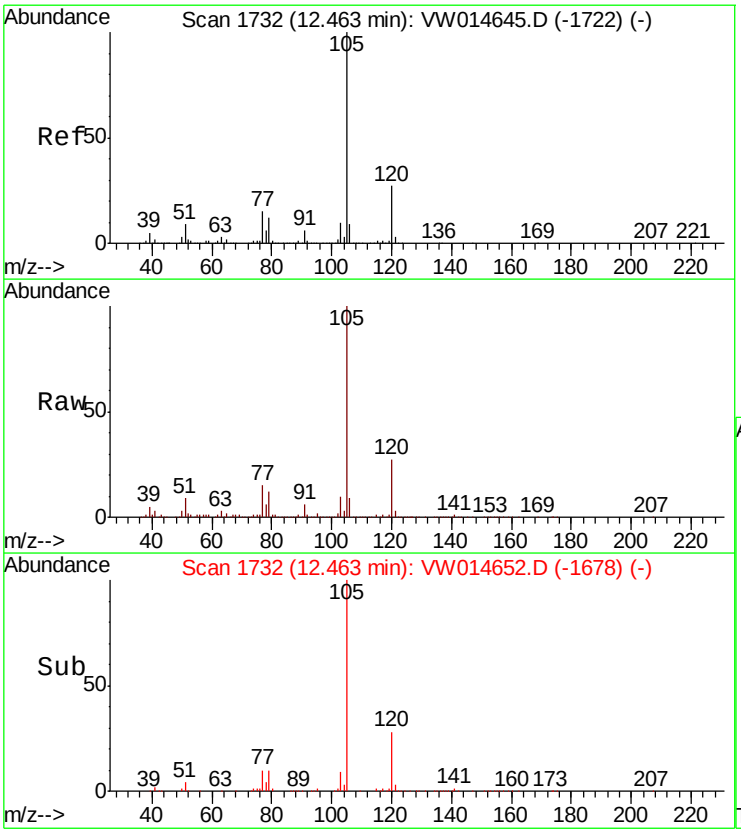
#56
Stvrene
Concen: 885.624 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:104 Resp: 6915574

Ion	Ratio	Lower	Upper
104	100		
78	55.2	32.3	60.1

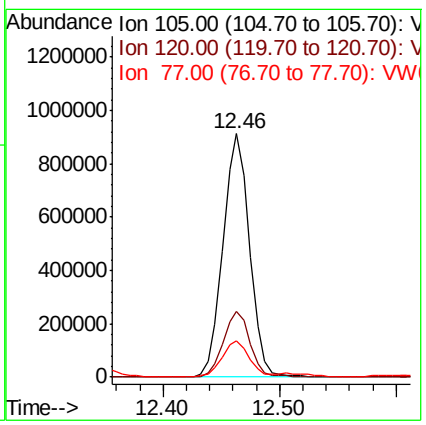


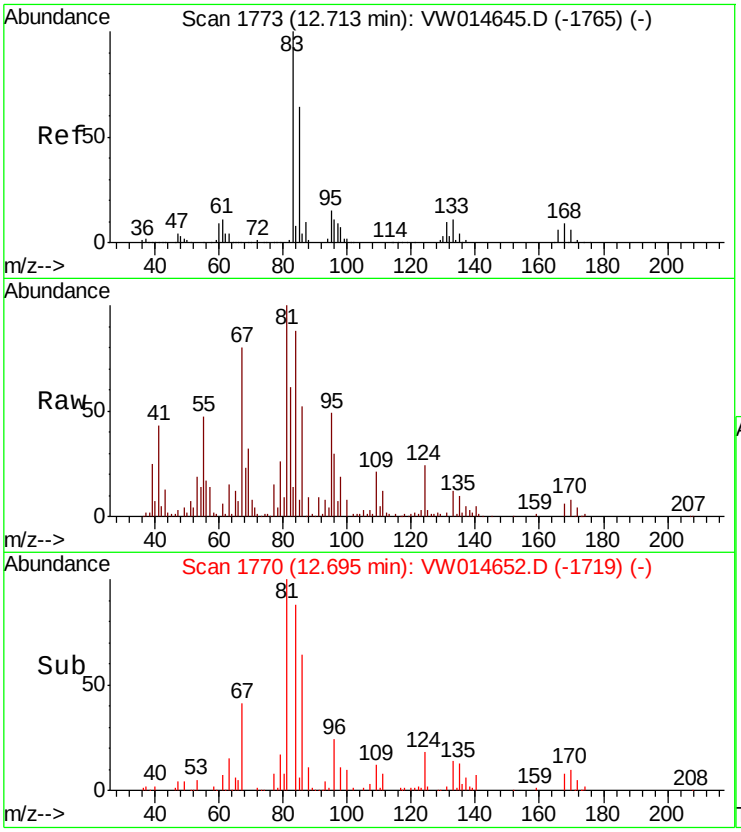


#57
Isopropylbenzene
Concen: 116.419 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Tgt Ion:105 Resp: 1436712

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.0	31.6
77	15.1	12.2	18.2



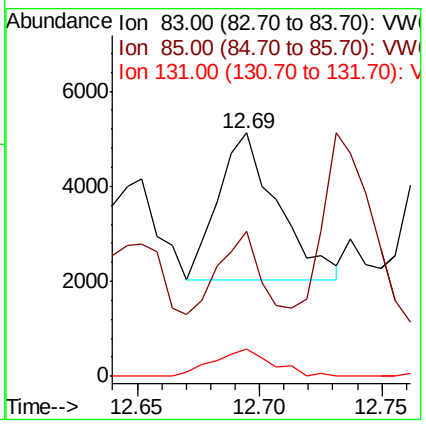


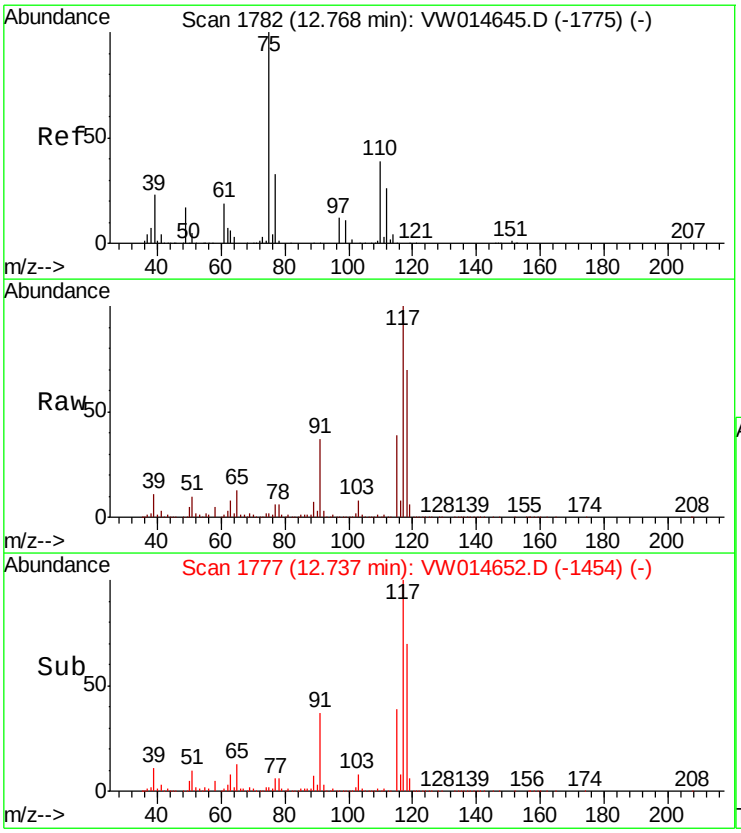
#58
1,1,2,2-Tetrachloroethane
Concen: 2.118 ug/L
RT: 12.69 min Scan# 1770
Delta R.T. -0.02 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 5209

Ion	Ratio	Lower	Upper
83	100		
85	59.6	45.3	84.1
131	11.0	8.0	12.0

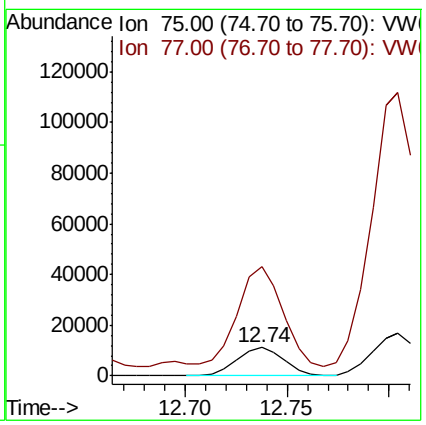


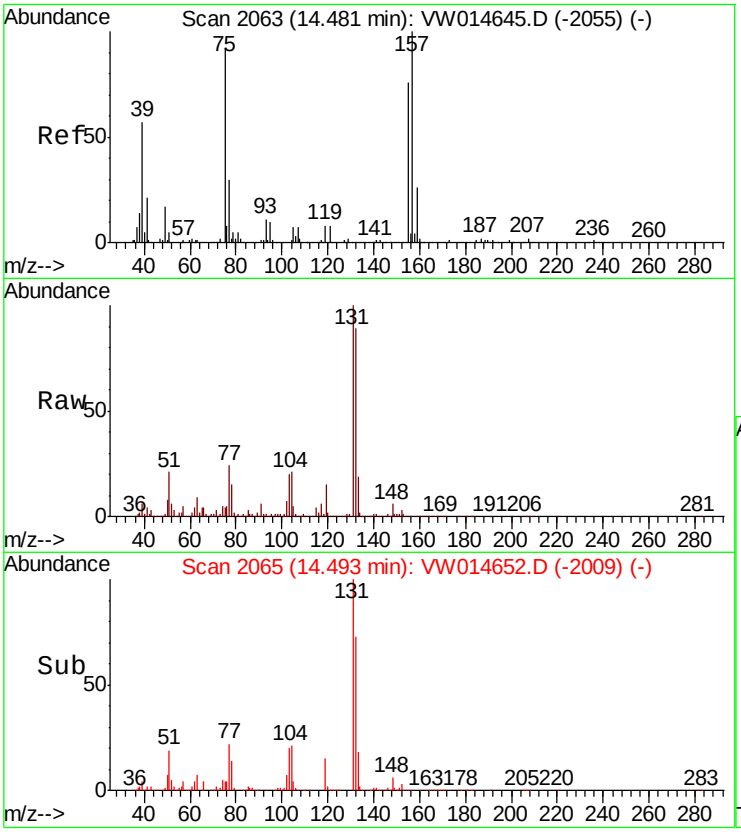


#59
1,2,3-Trichloropropane
Concen: 9.346 ug/L
RT: 12.74 min Scan# 1777
Delta R.T. -0.03 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Tgt Ion: 75 Resp: 17215

Ion	Ratio	Lower	Upper
75	100		
77	346.4	26.2	39.2#



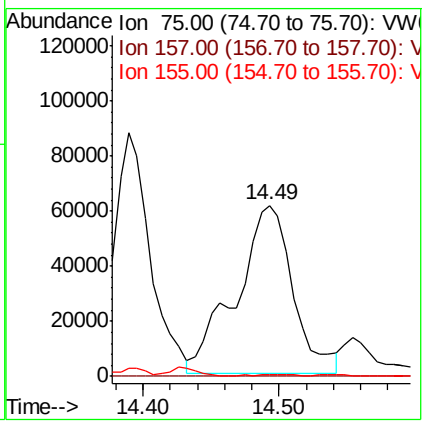


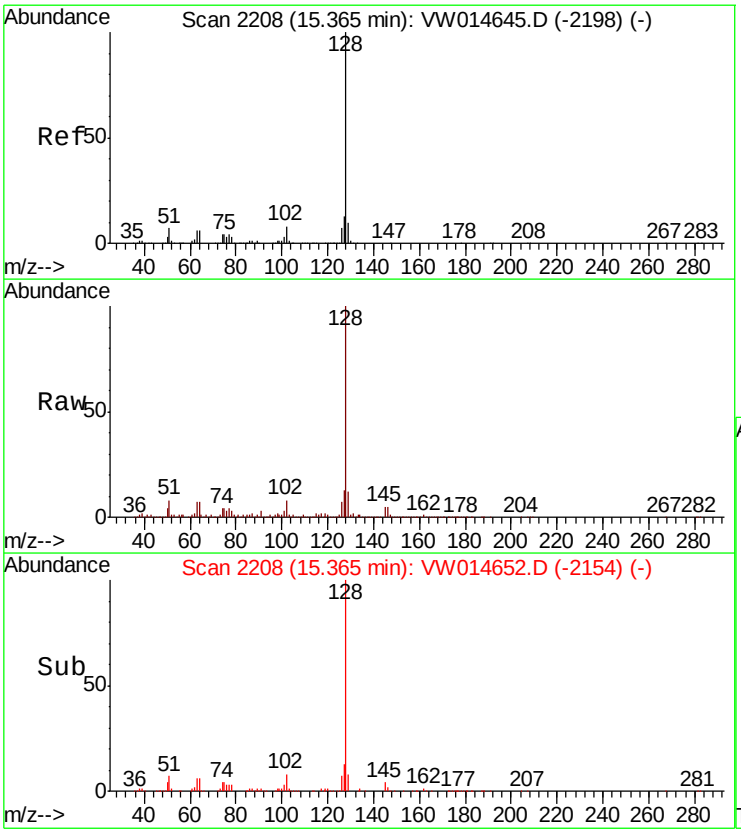
#66
1,2-Dibromo-3-chloropropane
Concen: 1049.304 ug/L
RT: 14.49 min Scan# 2065
Delta R.T. 0.01 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 178974

Ion	Ratio	Lower	Upper
75	100		
157	0.0	87.2	130.8#
155	1.1	67.8	101.8#





#69
Naphthalene
Concen: 1061.994 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014652.D
Acq: 15 Jan 2020 14:17

Tgt Ion:128 Resp: 2615885

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.6	16.0