Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\

Quantitation Report (Not Reviewed)

Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT44

Quant Time: Feb 04 06:57:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	951086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	800932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	326568	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	277492	18.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.52%			
7) Chloroethane-d5	2.89	69	257376	18.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.28%			
10) 1,1-Dichloroethene-d2	4.02	63	440059	13.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.64%			
20) 2-Butanone-d5	7.07	46	245881	43.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.84%			
24) Chloroform-d	7.65	84	607684	20.07	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.28%			
26) 1,2-Dichloroethane-d4	8.38	65	483	0.03	ug/L	0.07
Spiked Amount 25.000	Range 70 - 130		Recovery = 0.12%#			
29) Benzene-d6	8.27	84	1258033	22.28	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.12%			
33) 1,2-Dichloropropane-d6	9.27	67	416077	22.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.92%			
37) Toluene-d8	10.32	98	1041674	21.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.56%			
38) trans-1,3-Dichloropropene-	10.57	79	144784	19.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.08%			
39) 2-Hexanone-d5	10.92	63	165076	45.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.14%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	317723	22.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.16%			
61) 1,2-Dichlorobenzene-d4	13.55	152	287416	21.01	ug/L	-0.30
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.04%			
Target Compounds						Qvalue
13) Acetone	4.13	43	27107	4.477	ug/L	99
14) Carbon disulfide	4.39	76	19410	0.460	ug/L	96
16) Methylene chloride	4.92	84	47873	2.726	ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	8752	0.416	ug/L #	54
44) Toluene	10.38	91	19446	0.347	ug/L	94
46) 1,1,2-Trichloroethane	10.76	97	10546	1.054	ug/L #	23
49) 2-Hexanone	10.93	43	57948	7.562	ug/L #	42
53) Ethylbenzene	11.73	91	552470	9.087	ug/L	99
54) m,p-Xylene	11.84	106	11798	0.530	ug/L	98
55) o-xylene	12.16	106	12742	0.615	ug/L	98
56) Styrene	12.18	104	22817	0.646	ug/L	93
57) Isopropylbenzene	12.46	105	313748	5.598	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.69	83	110152	8.383	ug/L #	81
66) 1,2-Dibromo-3-chloropropan	14.46	75	71980	36.982	ug/L #	18
68) 1,2,4-trichlorobenzene	15.17	180	101895	8.404	ug/L #	1
69) Naphthalene	15.33	128	191369	7.779	ug/L #	1
70) 1,2,3-Trichlorobenzene	15.58	180	128581	11.475	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\

Quantitation Report (Not Reviewed)

Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT44

Quant Time: Feb 04 06:57:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
Response via : Initial Calibration

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

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

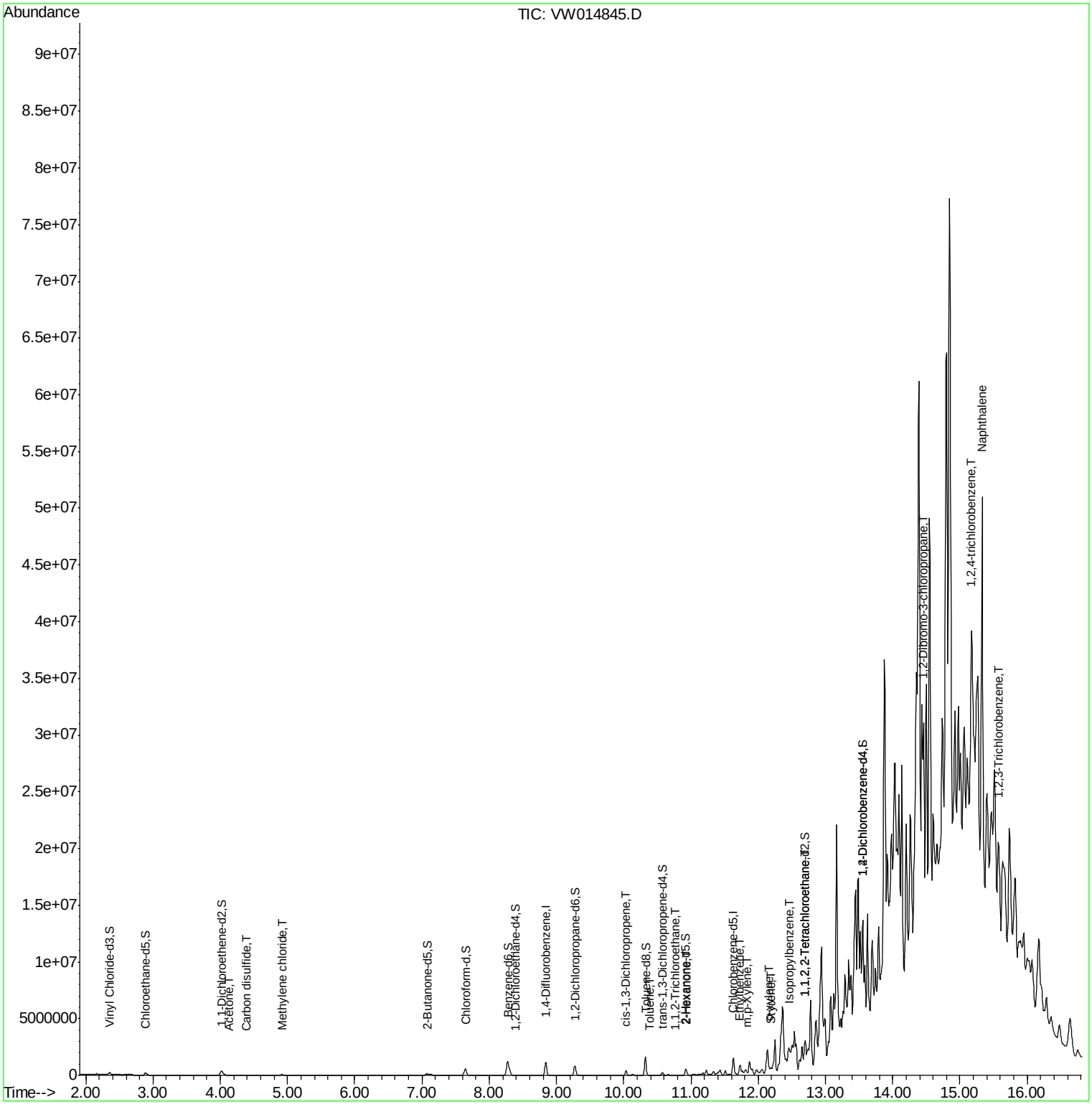
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\

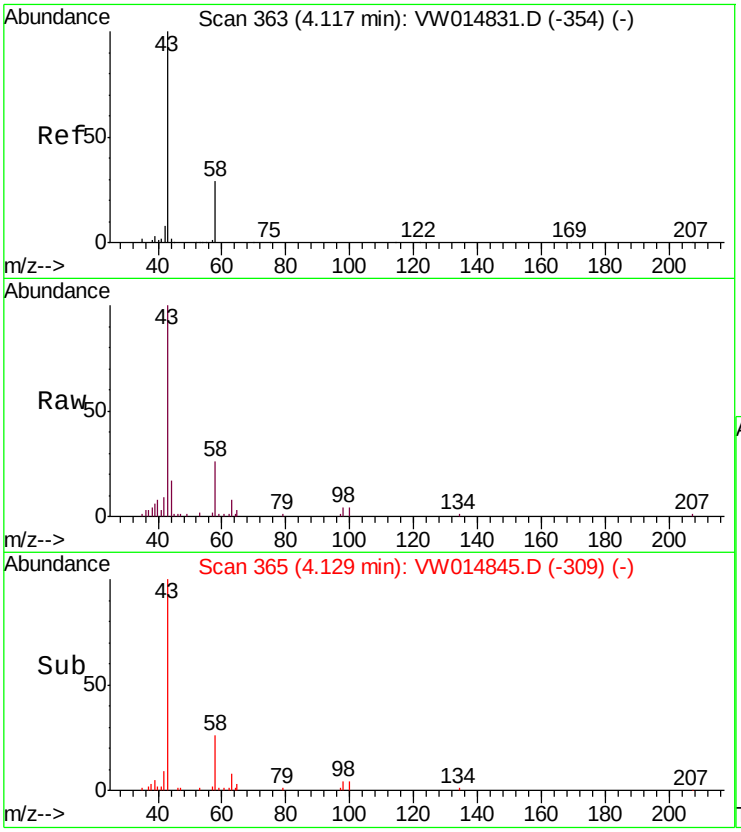
Quantitation Report (Not Reviewed)

Data File : VW014845.D
Acq On : 03 Feb 2020 20:01
Operator : SY/VA
Sample : L1323-04
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT44

Quant Time: Feb 04 06:57:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
Response via : Initial Calibration



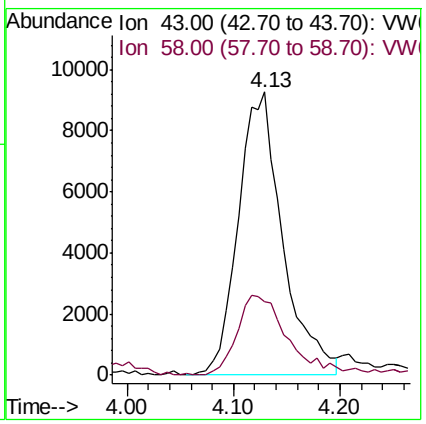


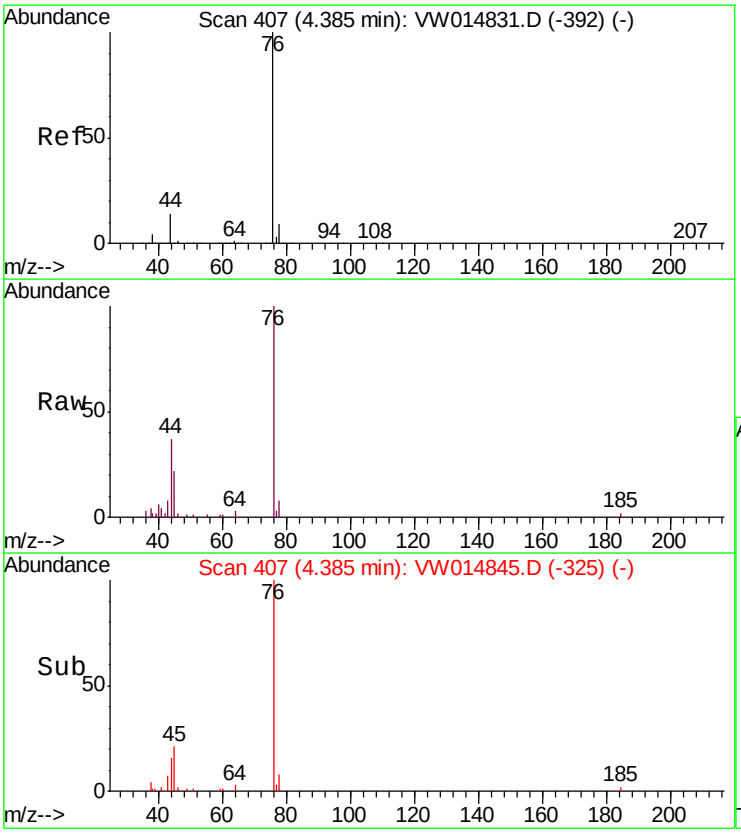
#13
Acetone
Concen: 4.477 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Instrument : MSVOA_W
ClientSampleId : GAT44

Tgt Ion: 43 Resp: 27107

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	60.2

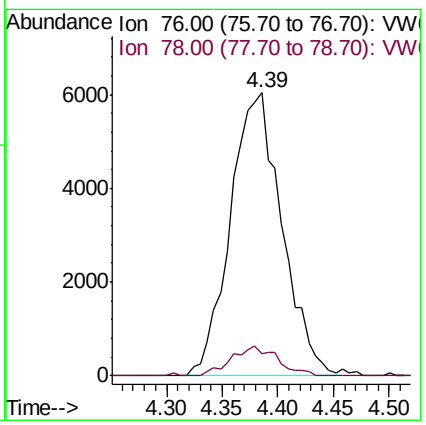


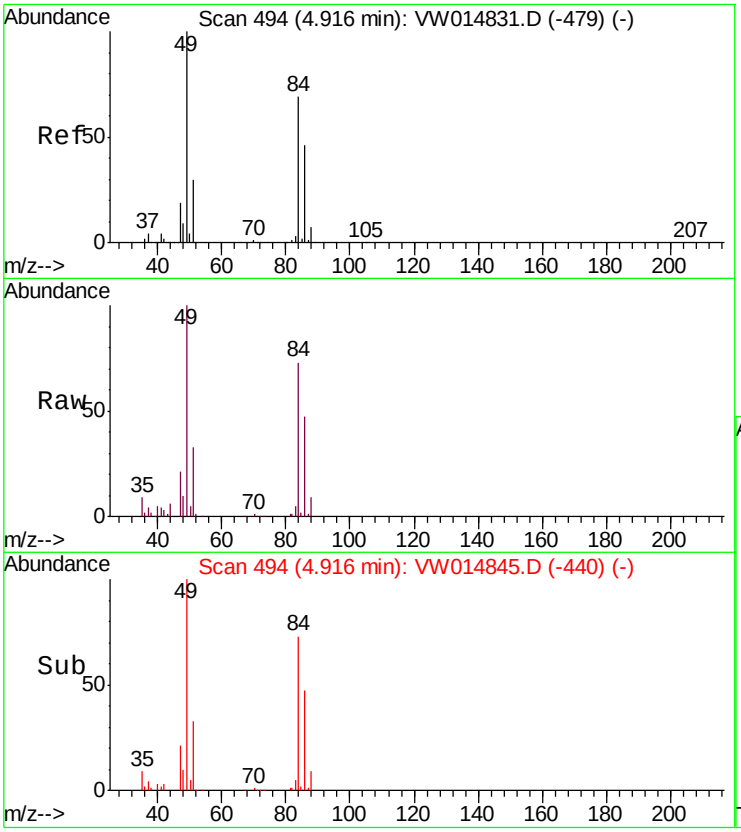


#14
Carbon disulfide
Concen: 0.460 ug/L
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Tgt Ion: 76 Resp: 19410

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.5	11.3



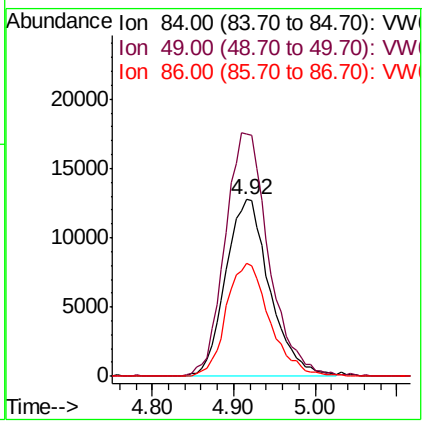


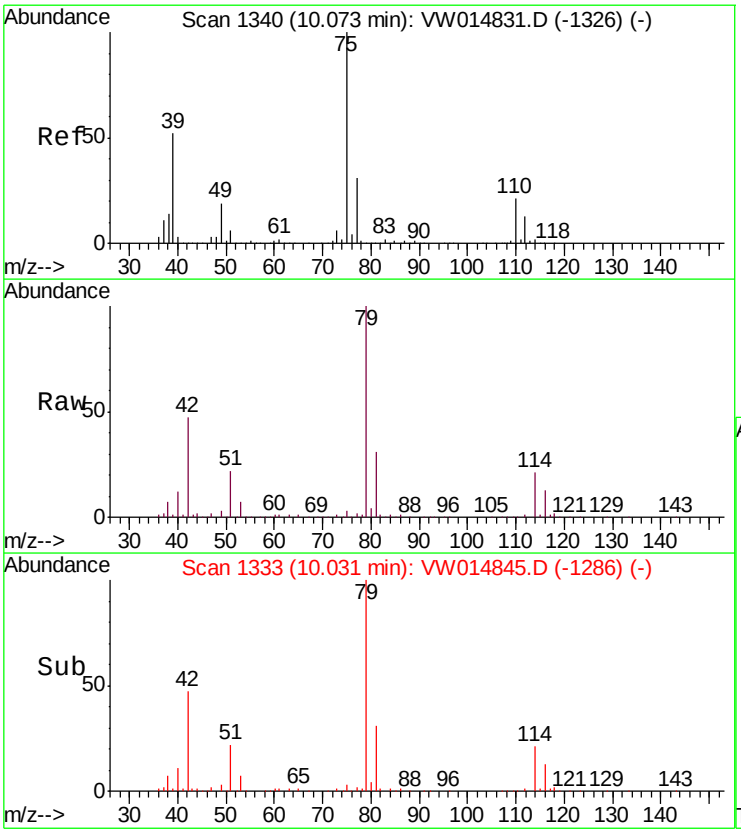
#16
Methylene chloride
Concen: 2.726 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Instrument :
MSVOA_W
ClientSampleId :
GAT44

Tgt Ion: 84 Resp: 47873

Ion	Ratio	Lower	Upper
84	100		
49	137.1	96.6	179.4
86	64.2	43.8	81.4

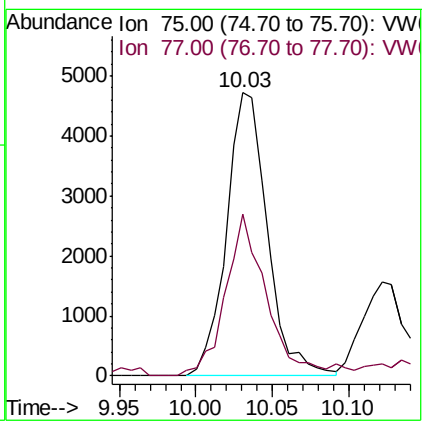


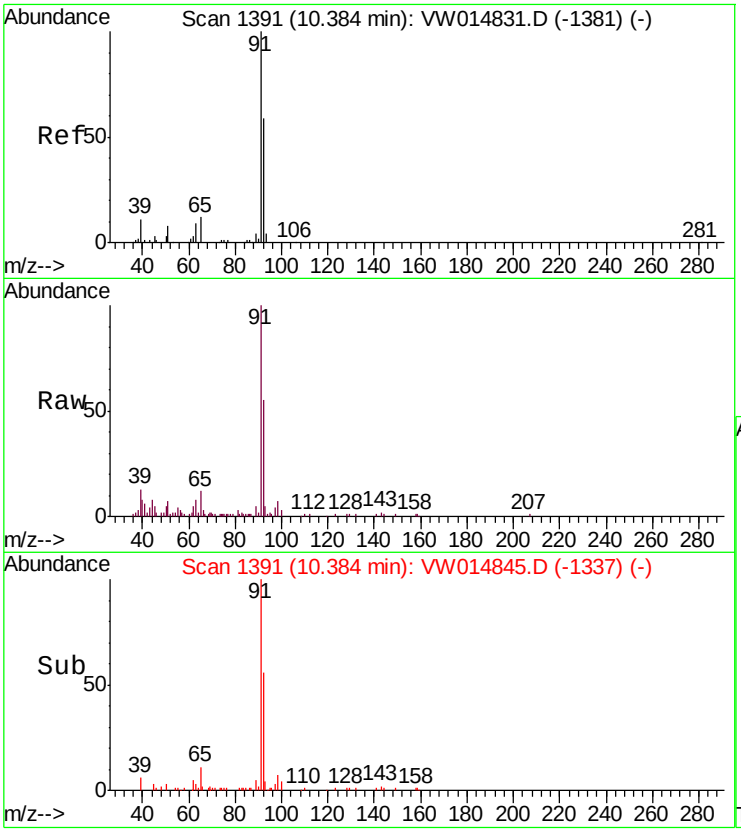


#42
cis-1,3-Dichloropropene
Concen: 0.416 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Tgt Ion: 75 Resp: 8752

Ion	Ratio	Lower	Upper
75	100		
77	57.3	22.1	41.1#



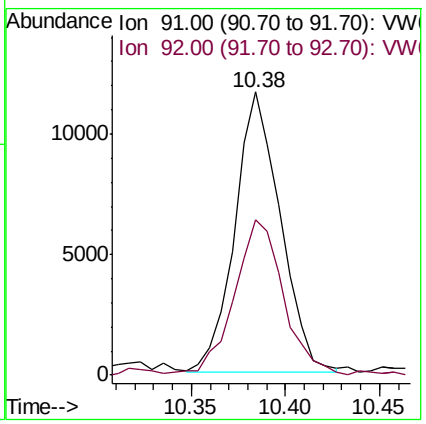


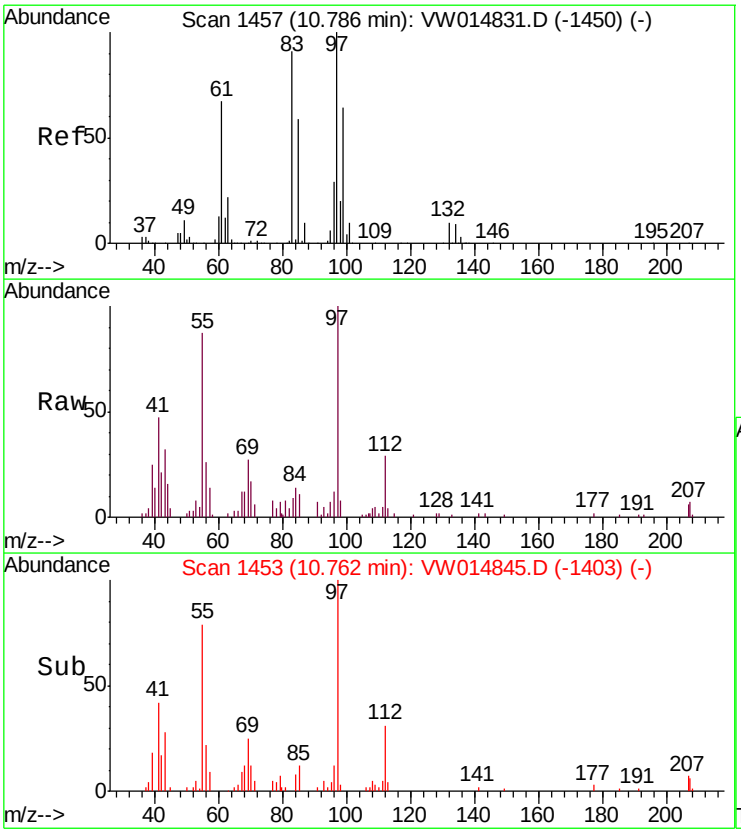
#44
Toluene
Concen: 0.347 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Instrument : MSVOA_W
ClientSampleId : GAT44

Tgt Ion: 91 Resp: 19446

Ion	Ratio	Lower	Upper
91	100		
92	55.0	41.6	77.2

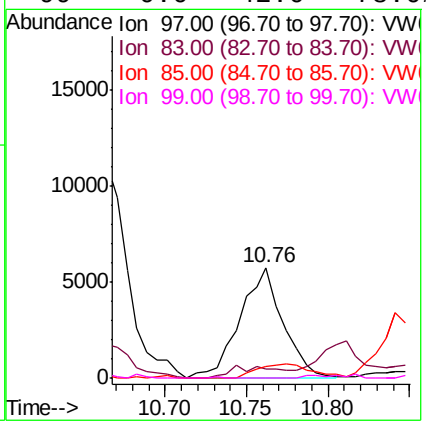


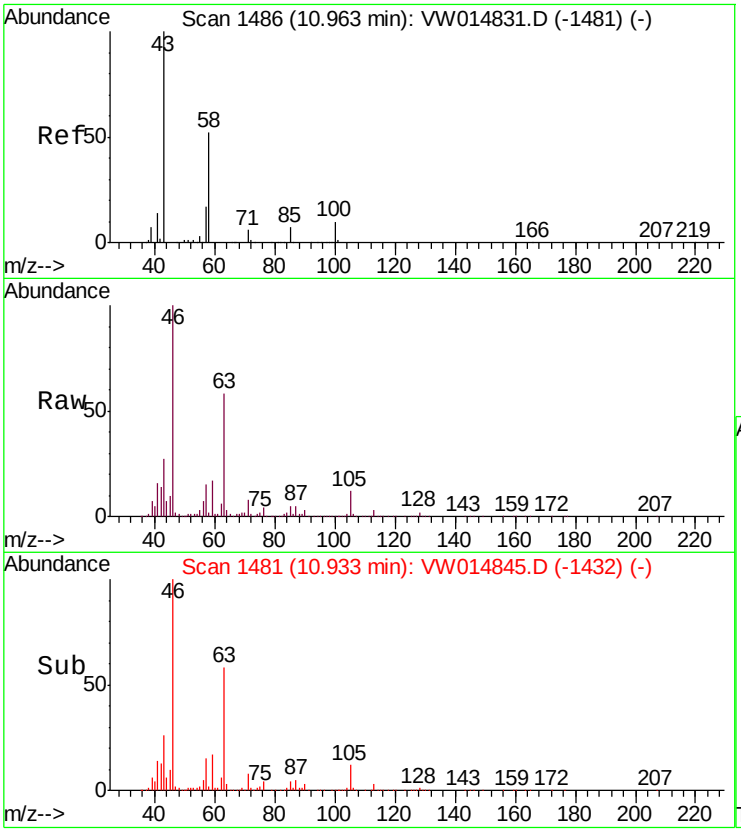


#46
1,1,2-Trichloroethane
Concen: 1.054 ug/L
RT: 10.76 min Scan# 1453
Delta R.T. -0.02 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Tgt Ion: 97 Resp: 10546

Ion	Ratio	Lower	Upper
97	100		
83	8.6	61.9	115.1#
85	11.0	38.5	71.5#
99	0.0	42.0	78.0#



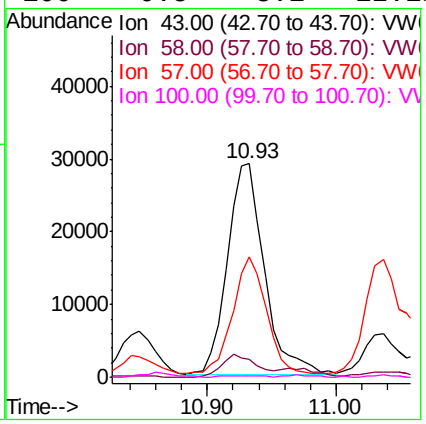


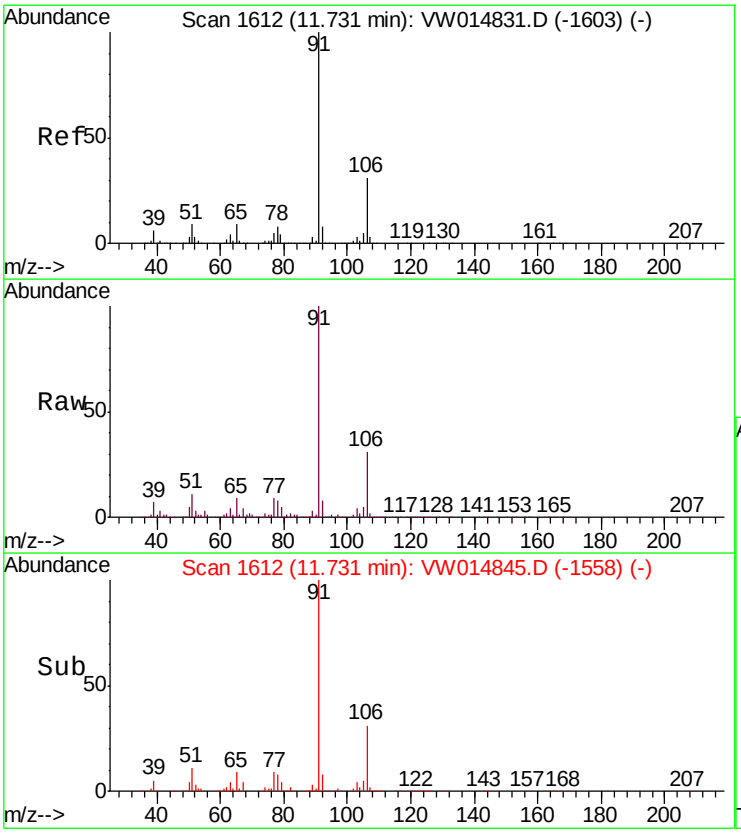
#49
2-Hexanone
Concen: 7.562 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.03 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Instrument : MSVOA_W
ClientSampleId : GAT44

Tgt Ion: 43 Resp: 57948

Ion	Ratio	Lower	Upper
43	100		
58	10.3	41.1	61.7#
57	50.2	14.1	21.1#
100	0.5	8.1	12.1#

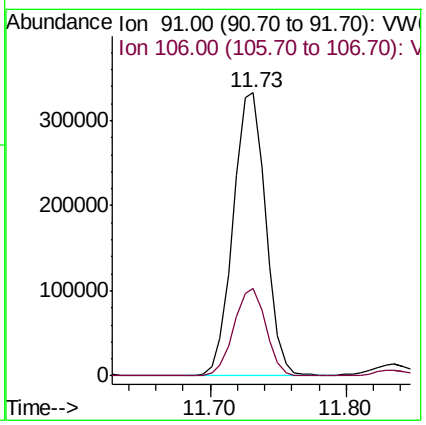


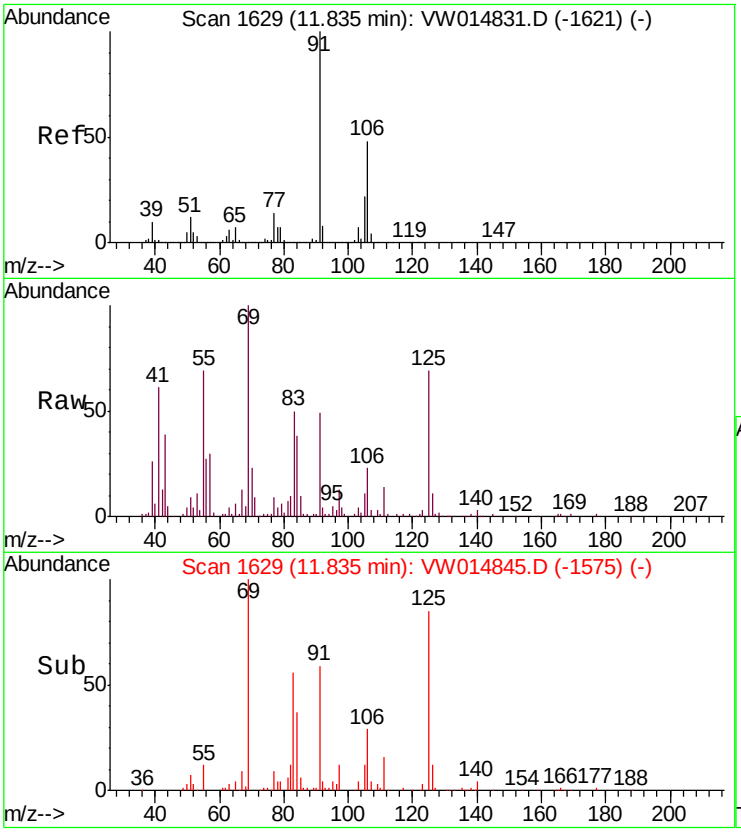


#53
Ethylbenzene
Concen: 9.087 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Tgt Ion: 91 Resp: 552470

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.3	39.5



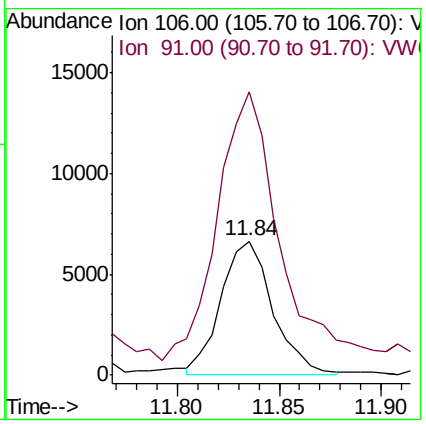


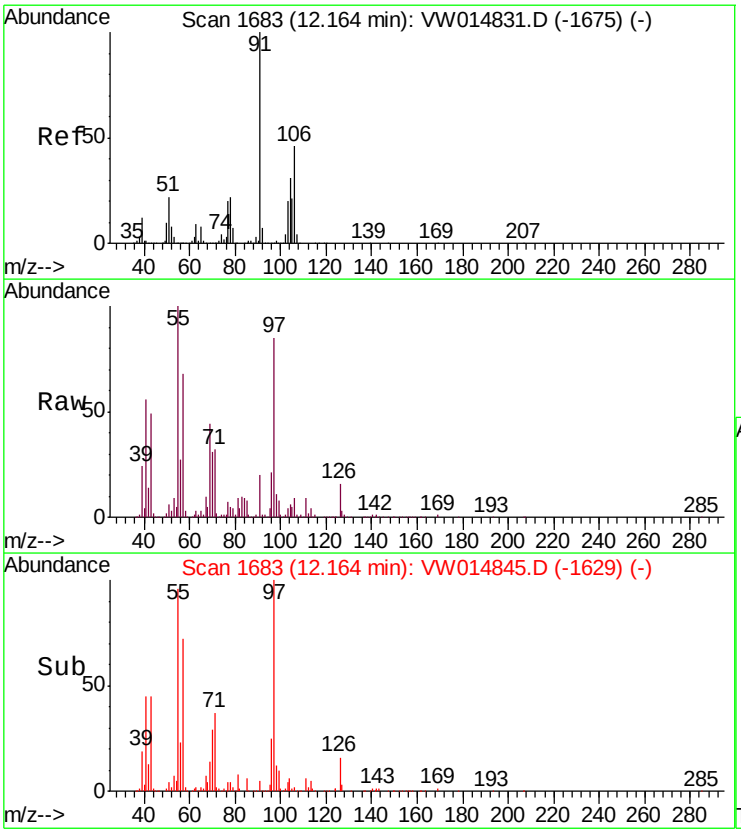
#54
m,p-Xylene
Concen: 0.530 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Instrument :
MSVOA_W
ClientSampleId :
GAT44

Tgt Ion:106 Resp: 11798

Ion	Ratio	Lower	Upper
106	100		
91	211.1	145.3	269.9

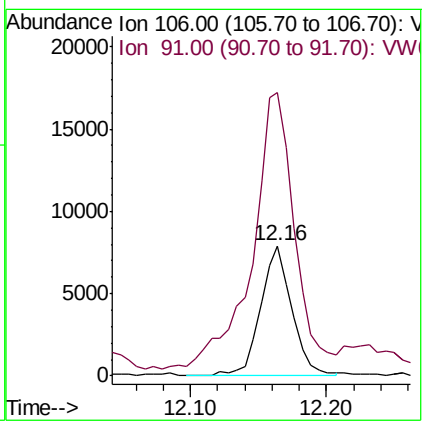


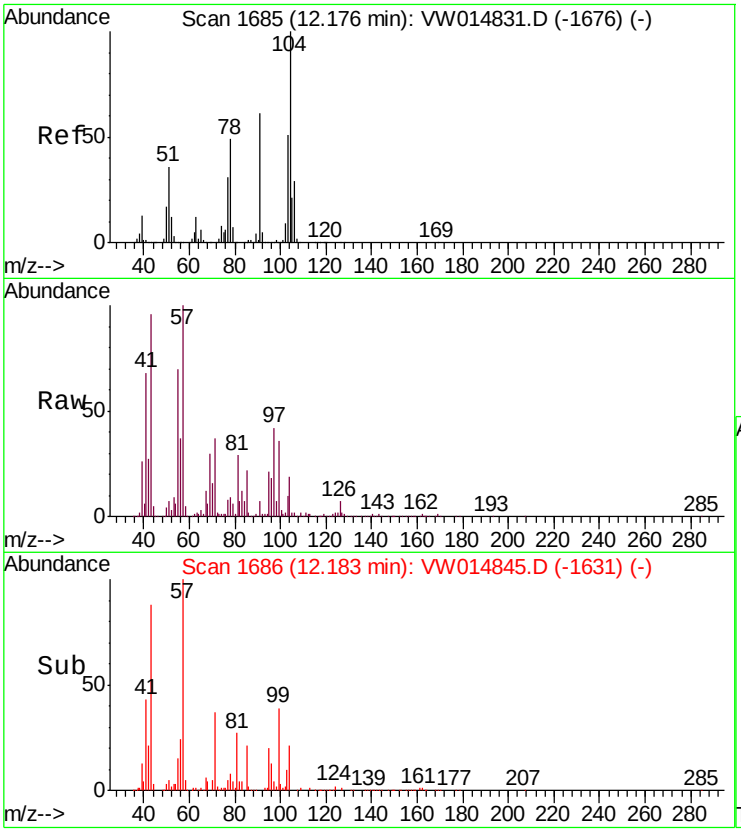


#55
o-xylene
Concen: 0.615 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Tgt Ion:106 Resp: 12742

Ion	Ratio	Lower	Upper
106	100		
91	217.4	154.6	287.0



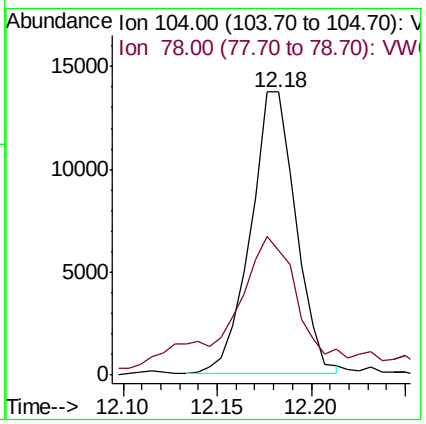


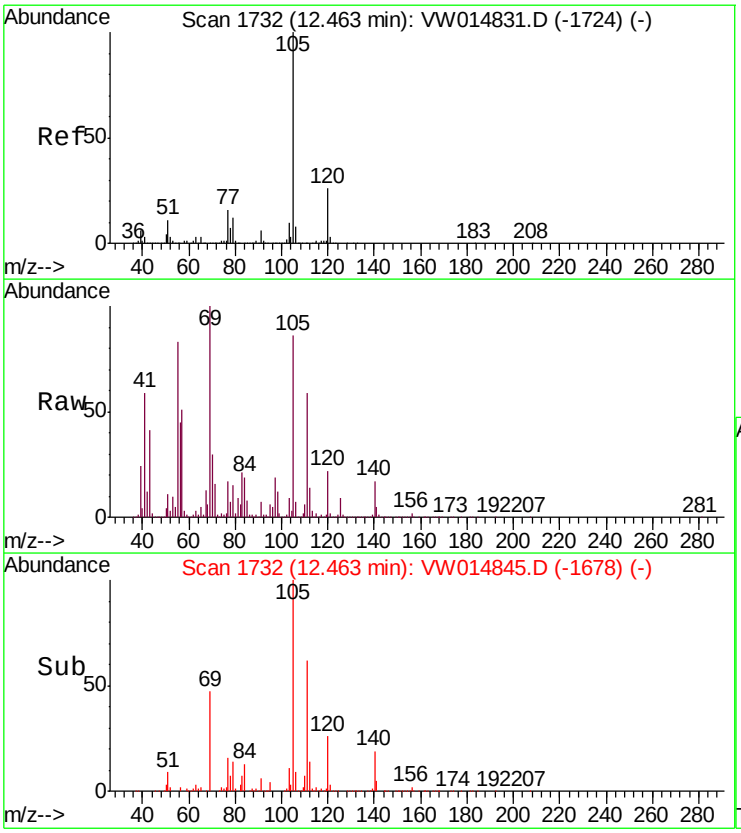
#56
Styrene
Concen: 0.646 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Instrument : MSVOA_W
ClientSampleId : GAT44

Tgt Ion:104 Resp: 22817

Ion	Ratio	Lower	Upper
104	100		
78	44.2	34.3	63.7

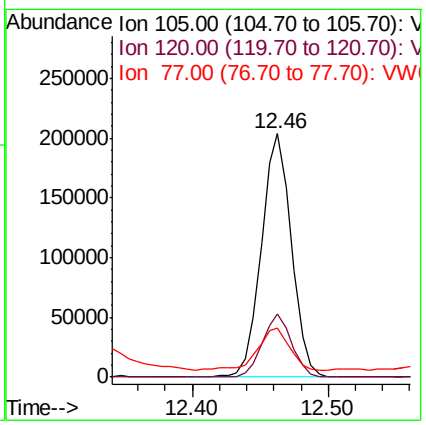


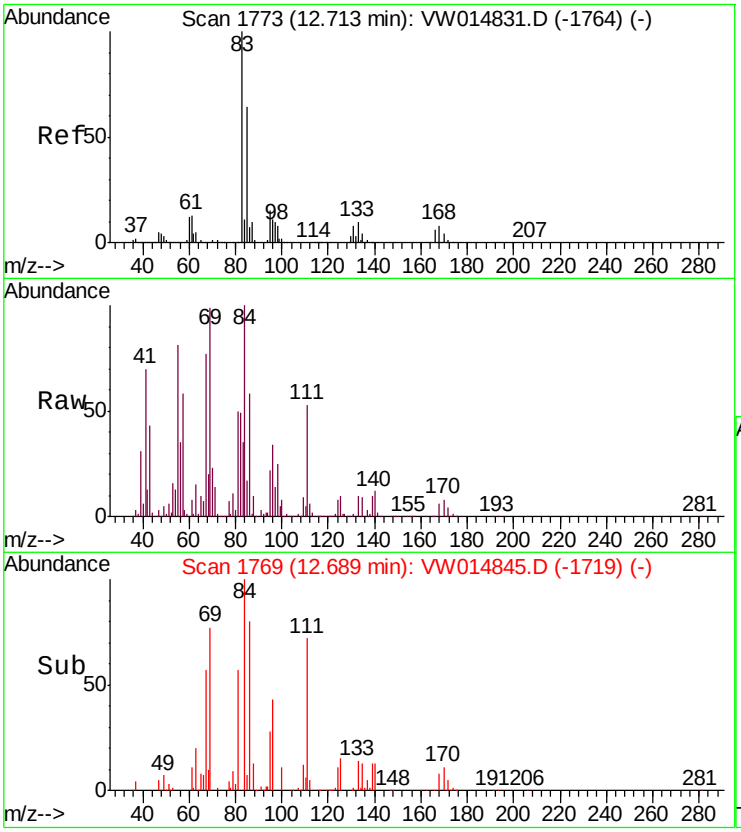


#57
Isopropylbenzene
Concen: 5.598 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Tgt Ion:105 Resp: 313748

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.5	30.7
77	18.7	13.3	19.9



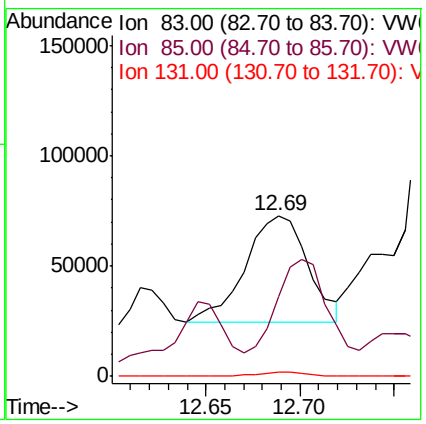


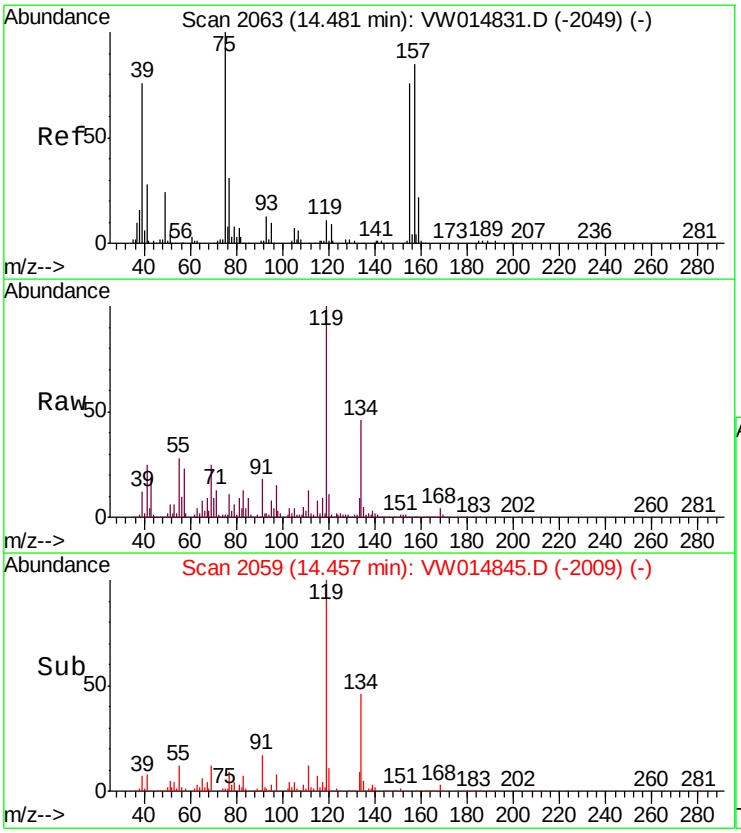
#58
1,1,2,2-Tetrachloroethane
Concen: 8.383 ug/L
RT: 12.69 min Scan# 1769
Delta R.T. -0.02 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Instrument :
MSVOA_W
ClientSampleId :
GAT44

Tgt Ion: 83 Resp: 110152

Ion	Ratio	Lower	Upper
83	100		
85	49.4	44.9	83.5
131	2.5	6.9	10.3#

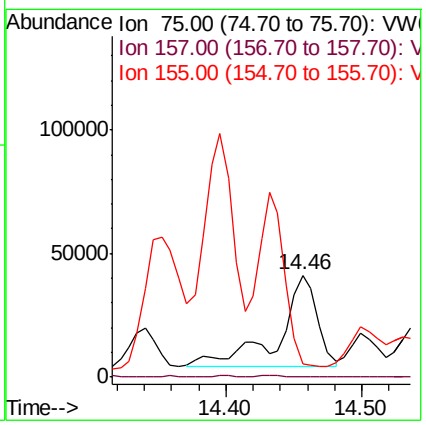


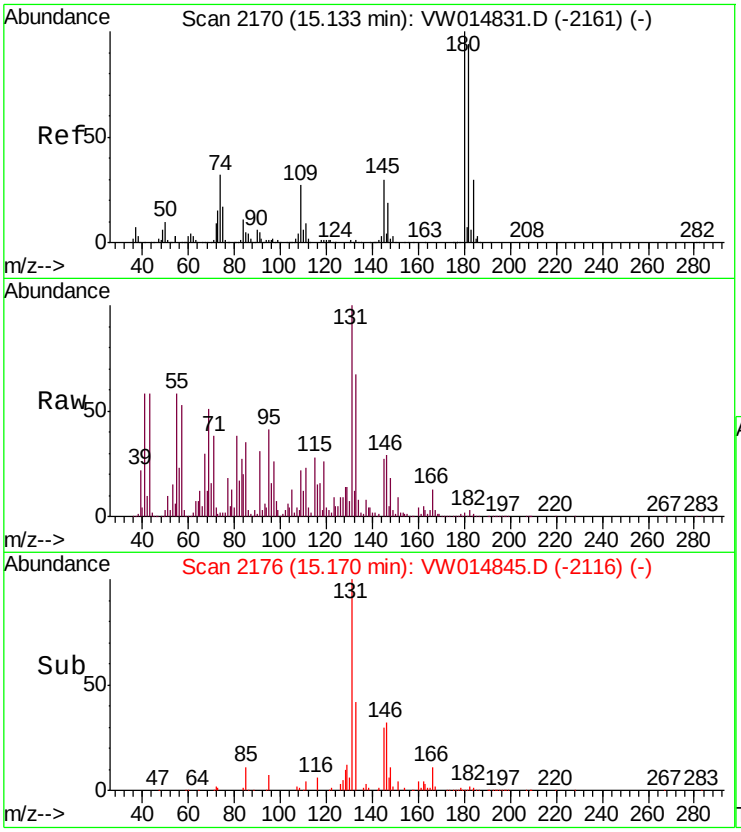


#66
1,2-Dibromo-3-chloropropane
Concen: 36.982 ug/L
RT: 14.46 min Scan# 2059
Delta R.T. -0.02 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Tgt Ion: 75 Resp: 71980

Ion	Ratio	Lower	Upper
75	100		
157	0.4	68.2	102.2#
155	13.6	56.0	84.0#



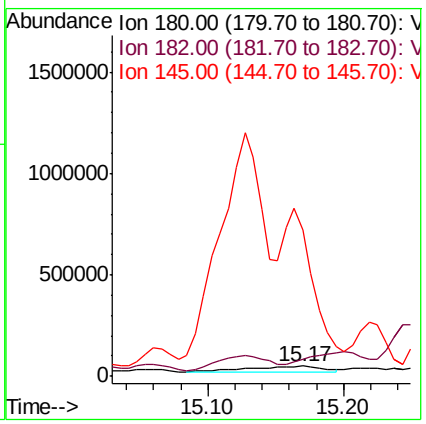


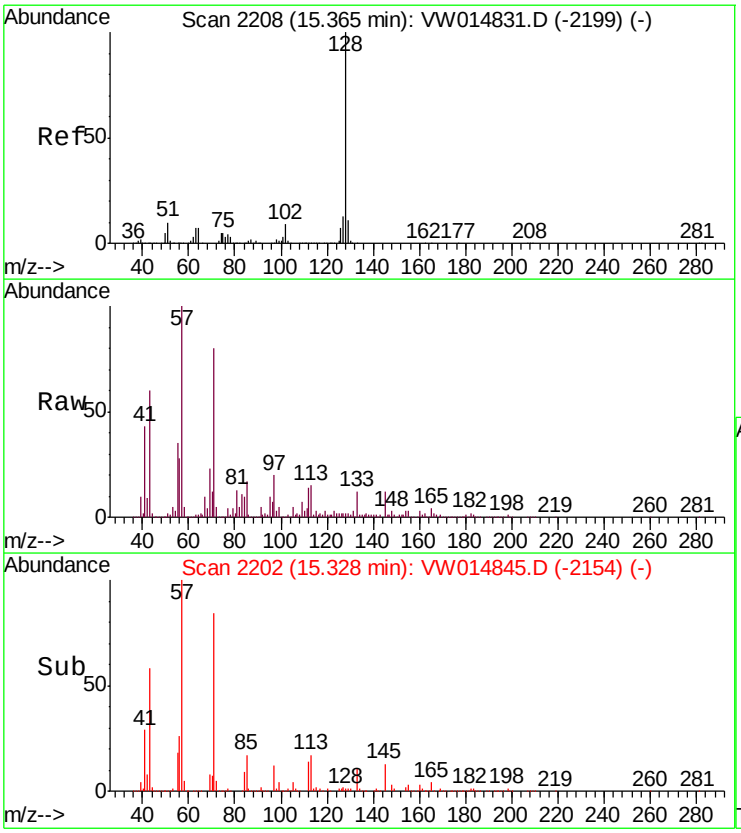
#68
1,2,4-trichlorobenzene
Concen: 8.404 ug/L
RT: 15.17 min Scan# 2176
Delta R.T. 0.04 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Instrument :
MSVOA_W
ClientSampleId :
GAT44

Tgt Ion:180 Resp: 101895

Ion	Ratio	Lower	Upper
180	100		
182	0.0	74.7	112.1#
145	1249.4	24.1	36.1#

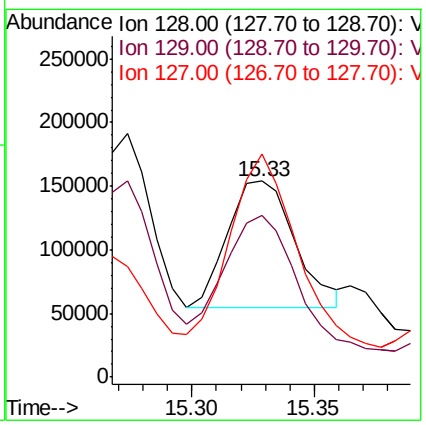


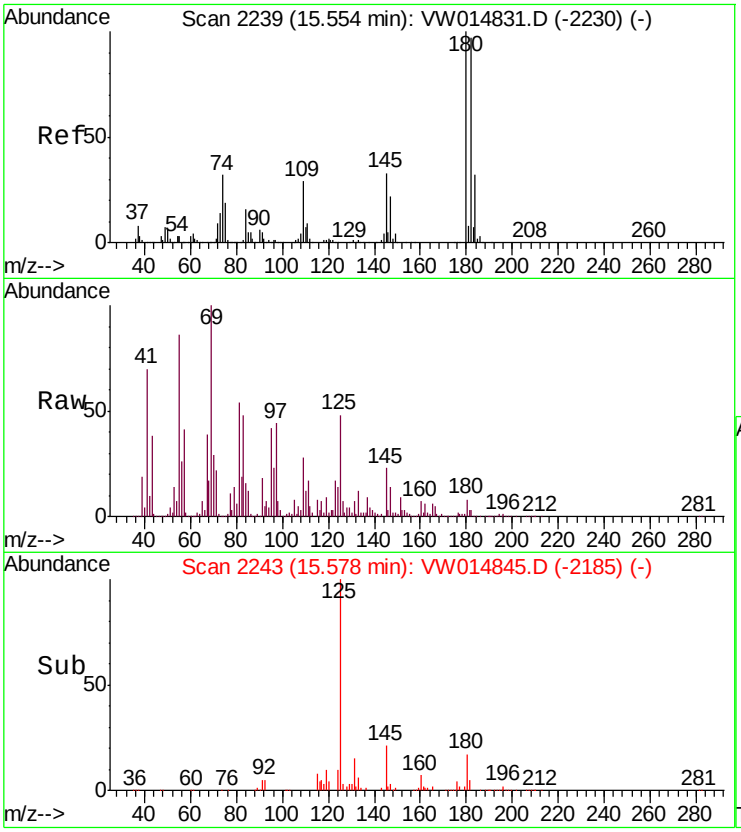


#69
Naphthalene
Concen: 7.779 ug/L
RT: 15.33 min Scan# 2202
Delta R.T. -0.04 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Tgt Ion:128 Resp: 191369

Ion	Ratio	Lower	Upper
128	100		
129	115.5	8.7	13.1#
127	150.2	10.6	15.8#





#70
1,2,3-Trichlorobenzene
Concen: 11.475 ug/L
RT: 15.58 min Scan# 2243
Delta R.T. 0.02 min
Lab File: VW014845.D
Acq: 03 Feb 2020 20:01

Instrument :
MSVOA_W
ClientSampleId :
GAT44

Tgt Ion:180 Resp: 128581

Ion	Ratio	Lower	Upper
180	100		
182	66.4	76.4	114.6#
145	1382.4	25.7	38.5#