Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011521\
Data File : VW017903.D
Acq On : 15 Jan 2021 17:22
Operator : SY/VA
Sample : M1099-14
Misc : 6.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F1C10

Quant Time: Jan 18 02:09:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	296728	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251313	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96691	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	114267	24.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.56%			
7) Chloroethane-d5	2.89	69	102835	27.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.56%			
10) 1,1-Dichloroethene-d2	4.02	63	150655	18.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.32%			
20) 2-Butanone-d5	7.09	46	49098	65.98	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.96%			
24) Chloroform-d	7.65	84	209551	27.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.08%			
26) 1,2-Dichloroethane-d4	8.31	65	126596	31.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 126.16%			
29) Benzene-d6	8.27	84	412698	29.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.60%			
33) 1,2-Dichloropropane-d6	9.27	67	121145	31.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 124.20%#			
37) Toluene-d8	10.32	98	356876	26.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.00%			
38) trans-1,3-Dichloropropene-	10.58	79	44900	25.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.24%			
39) 2-Hexanone-d5	10.93	63	34657	70.72	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 141.44%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88258	30.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 121.88%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	89545	26.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.36%			
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1603	0.425	ug/L #	37
13) Acetone	4.14	43	24544	38.197	ug/L	65
14) Carbon disulfide	4.39	76	11858	1.086	ug/L	100
16) Methylene chloride	4.91	84	4681	1.103	ug/L	75
17) Methyl tert-butyl Ether	5.42	73	836	0.180	ug/L #	30
21) 2-Butanone	7.17	43	3015	3.488	ug/L	85
42) cis-1,3-Dichloropropene	10.04	75	4454	0.823	ug/L	97
45) trans-1,3-Dichloropropene	10.57	75	2285	0.496	ug/L #	80
49) 2-Hexanone	10.97	43	591	0.505	ug/L #	46
52) Chlorobenzene	11.66	112	21628	2.114	ug/L #	86
54) m,p-Xylene	11.84	106	1833	0.252	ug/L	90
55) o-xylene	12.16	106	1703	0.249	ug/L	78
57) Isopropylbenzene	12.46	105	12760	0.674	ug/L #	95
63) 1,3-Dichlorobenzene	13.50	146	10766	1.804	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	6414	1.069	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017903.D
Acq On : 15 Jan 2021 17:22
Operator : SY/VA
Sample : M1099-14
Misc : 6.70G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F1C10

Quant Time: Jan 18 02:09:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration

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

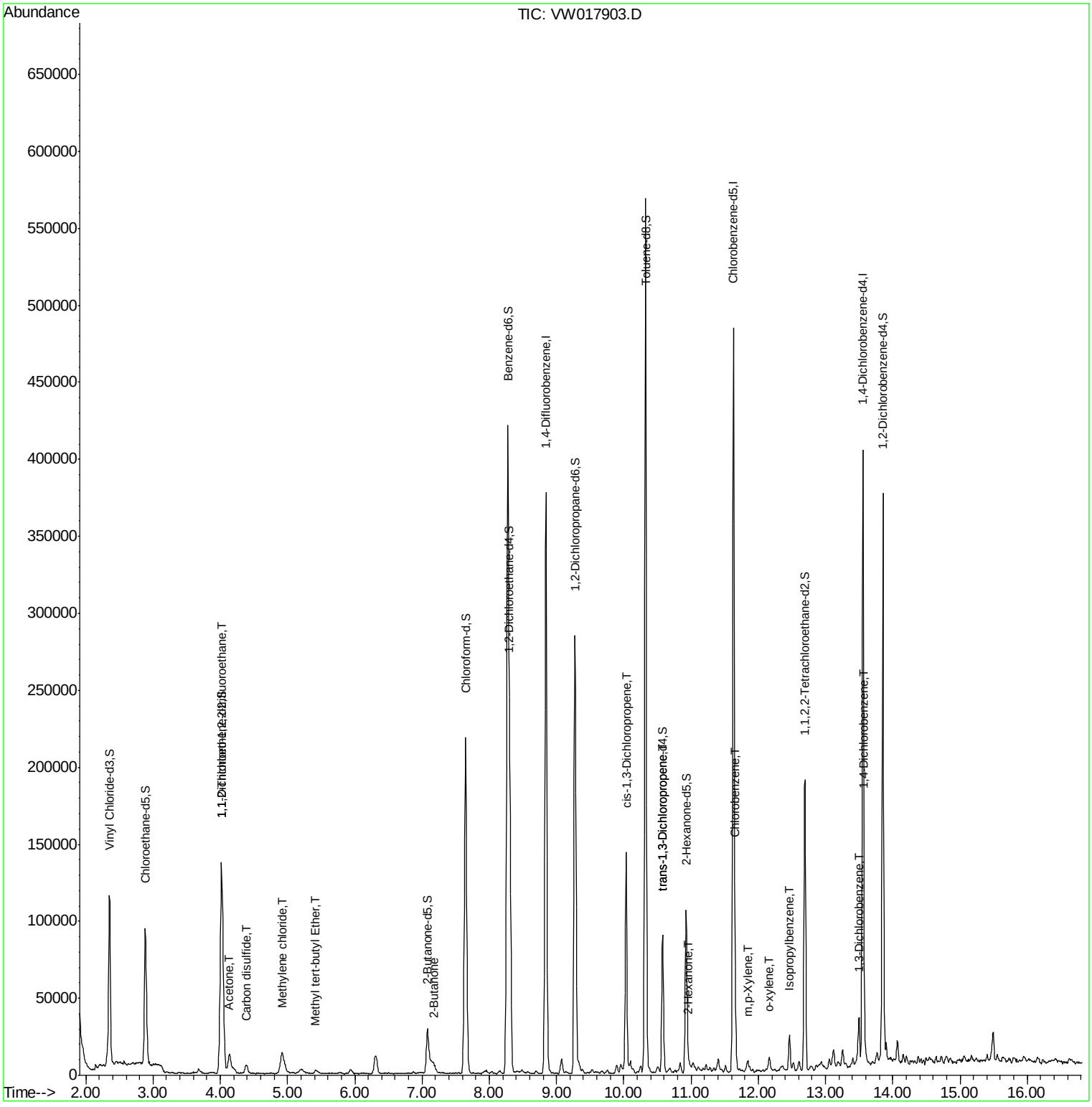
(#) = qualifier out of range (m) = manual integration (+) = signals summed

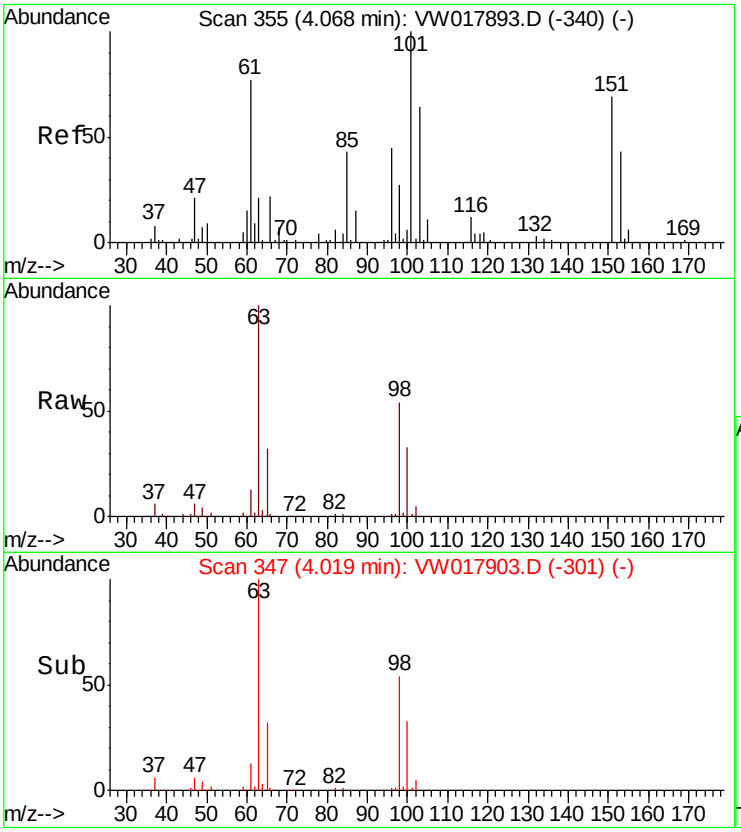
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011521\
Data File : VW017903.D
Acq On : 15 Jan 2021 17:22
Operator : SY/VA
Sample : M1099-14
Misc : 6.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F1C10

Quant Time: Jan 18 02:09:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration



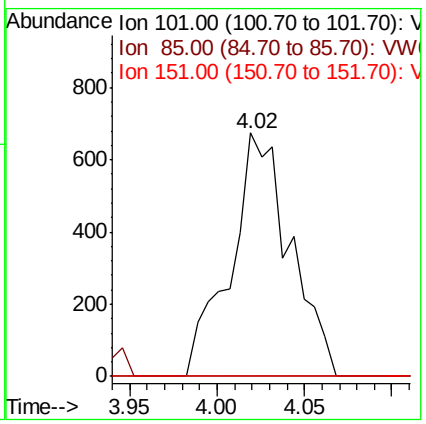


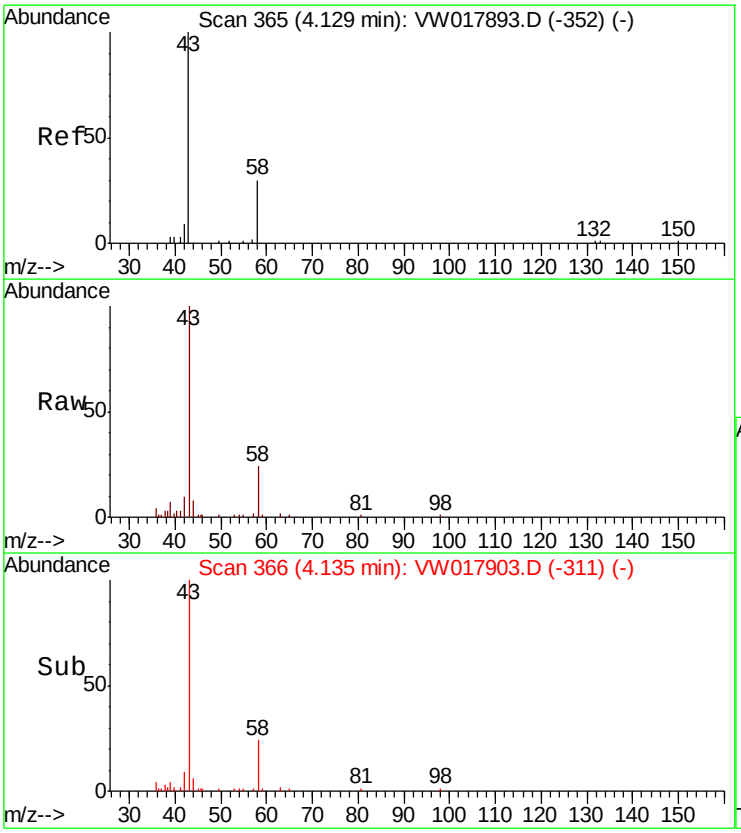
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.425 ug/L
RT: 4.02 min Scan# 347
Delta R.T. -0.05 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Instrument : MSVOA_W
ClientSampleId : F1C10

Tgt Ion:101 Resp: 1603

Ion	Ratio	Lower	Upper
101	100		
85	3.0	34.2	51.4#
151	0.0	30.4	45.6#

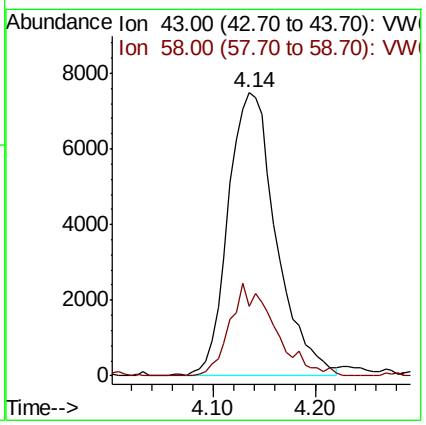


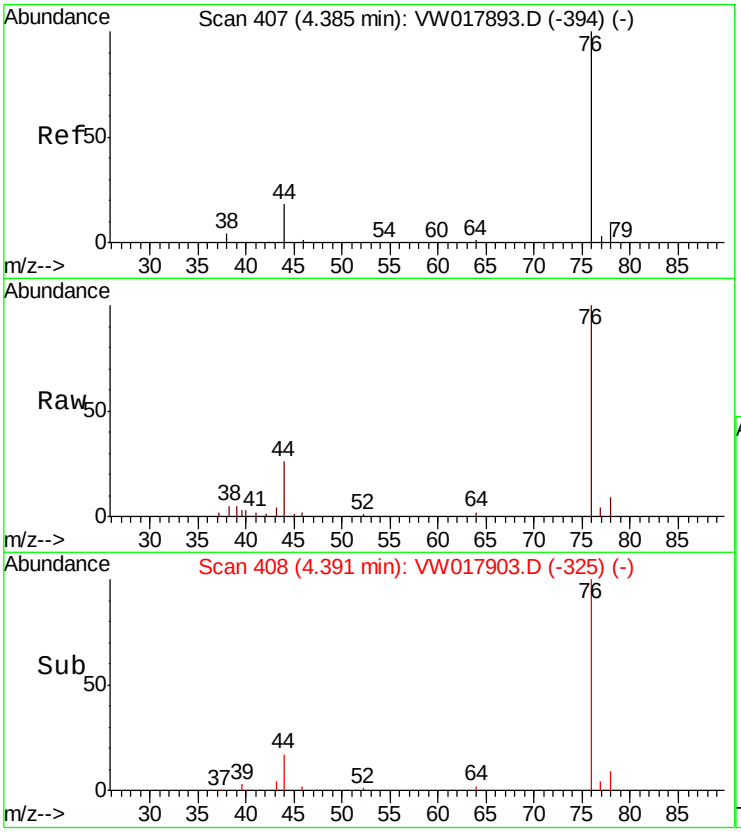


#13
Acetone
Concen: 38.197 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Tgt Ion: 43 Resp: 24544

Ion	Ratio	Lower	Upper
43	100		
58	13.8	0.0	68.4



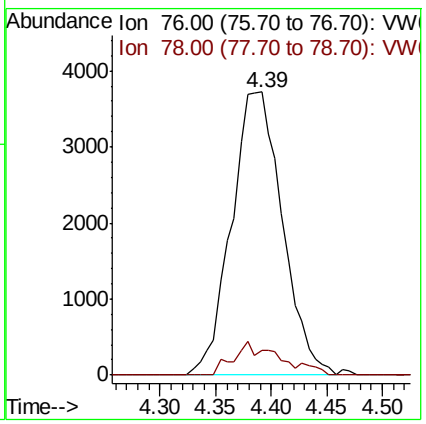


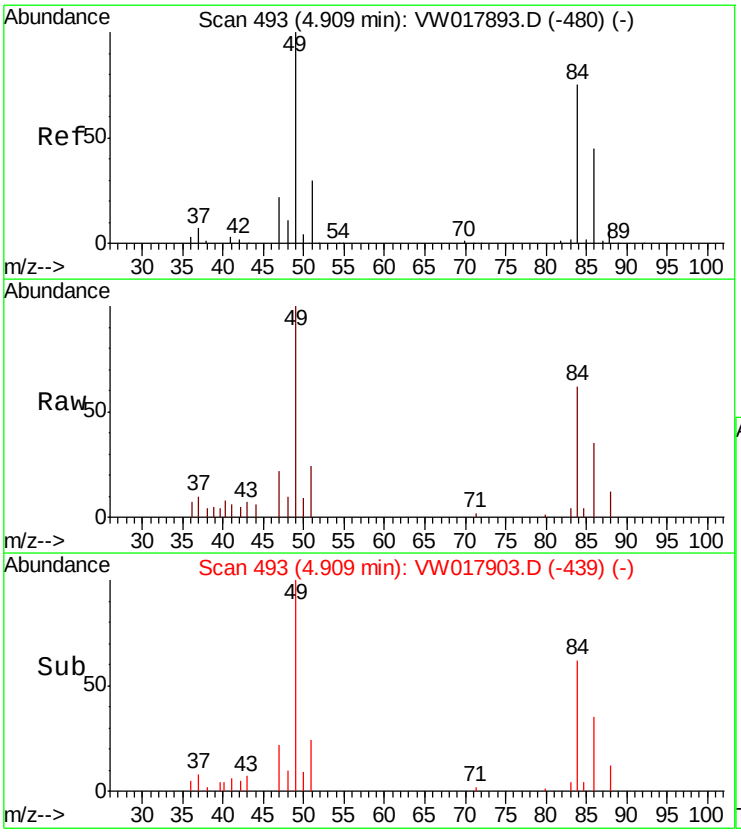
#14
Carbon disulfide
Concen: 1.086 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.01 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Instrument : MSVOA_W
ClientSampleId : F1C10

Tgt Ion: 76 Resp: 11858

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4

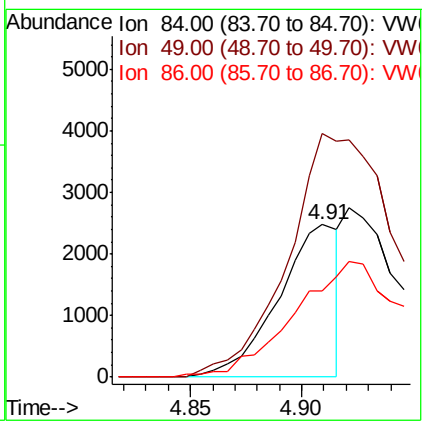


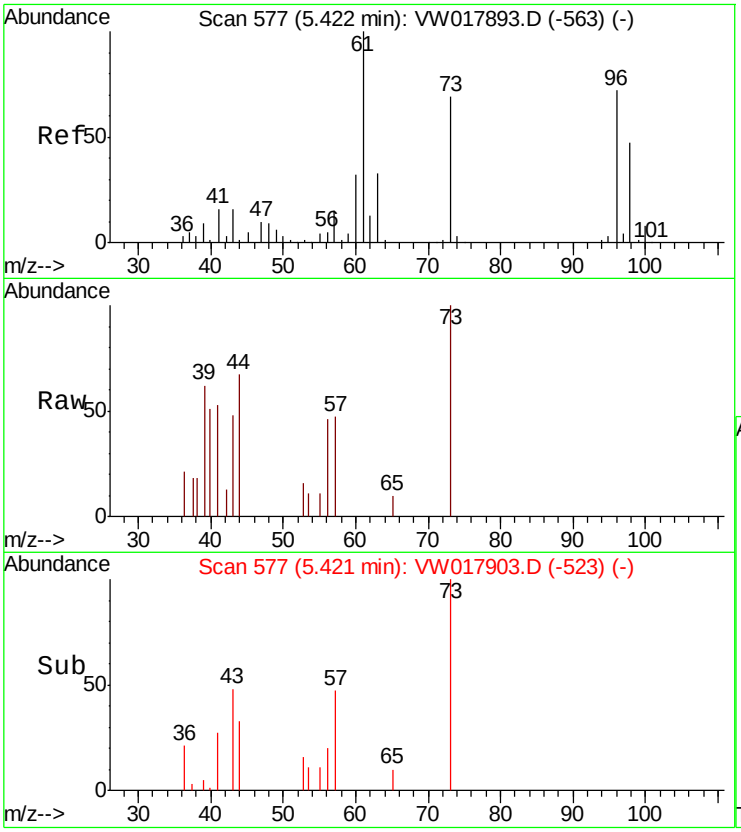


#16
Methylene chloride
Concen: 1.103 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Tgt Ion: 84 Resp: 4681

Ion	Ratio	Lower	Upper
84	100		
49	149.8	81.2	150.8
86	53.0	44.5	82.7



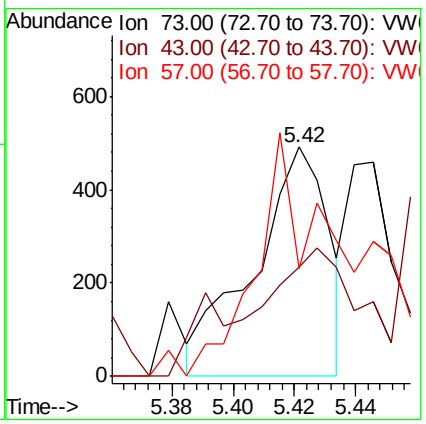


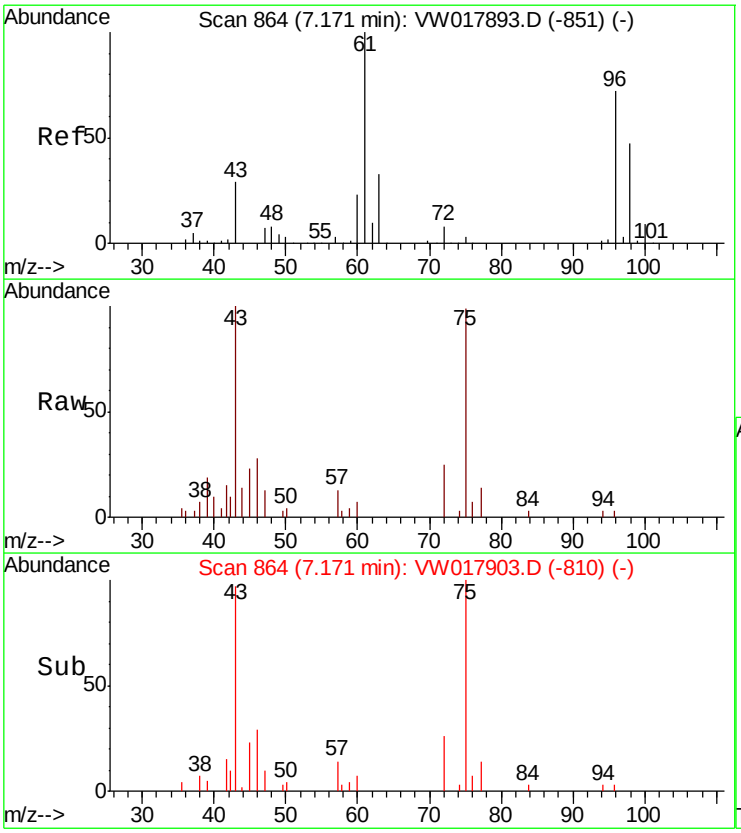
#17
Methyl tert-butyl Ether
Concen: 0.180 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Instrument : MSVOA_W
ClientSampleId : F1C10

Tgt Ion: 73 Resp: 836

Ion	Ratio	Lower	Upper
73	100		
43	69.1	16.2	24.4#
57	38.8	17.2	25.8#

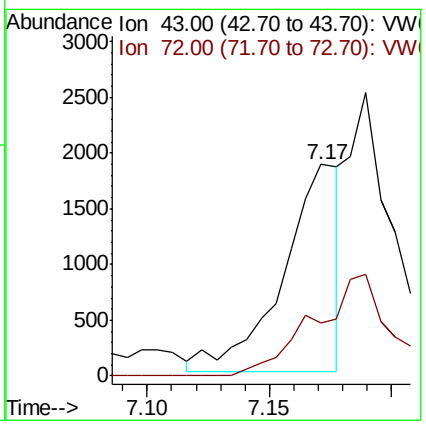


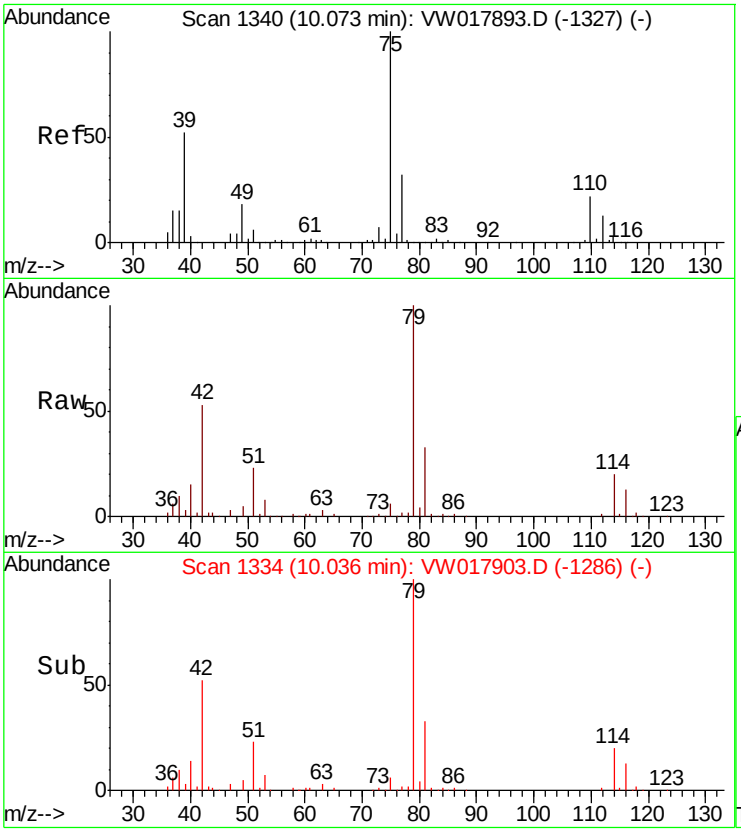


#21
2-Butanone
Concen: 3.488 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Tgt Ion: 43 Resp: 3015

Ion	Ratio	Lower	Upper
43	100		
72	20.7	14.4	43.2



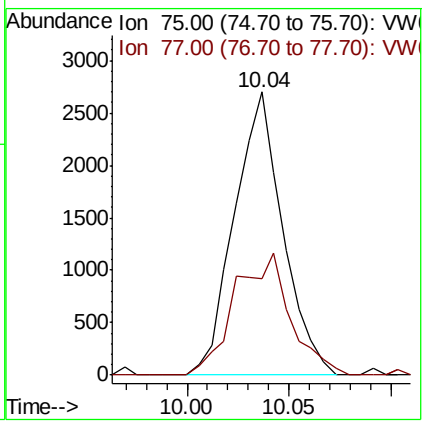


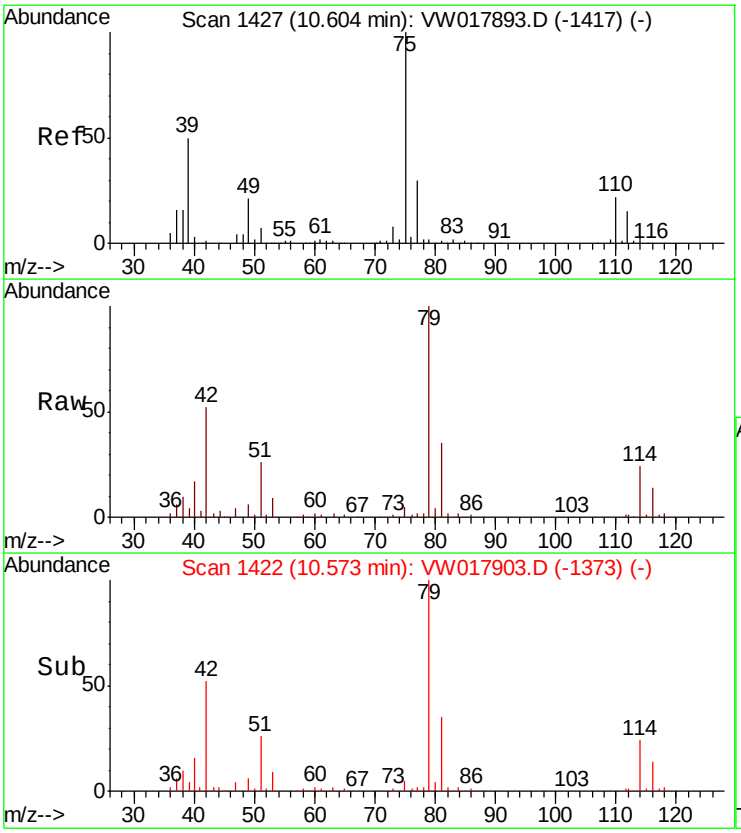
#42
cis-1,3-Dichloropropene
Concen: 0.823 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Instrument :
MSVOA_W
ClientSampleId :
F1C10

Tgt Ion: 75 Resp: 4454

Ion	Ratio	Lower	Upper
75	100		
77	34.0	22.7	42.3

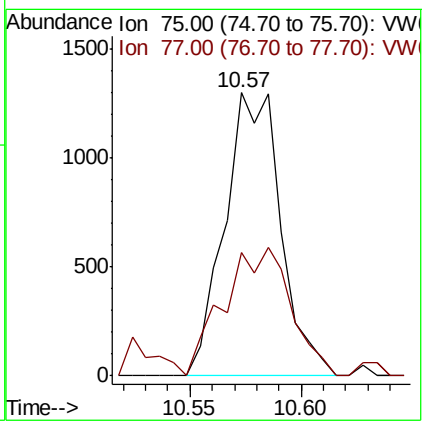


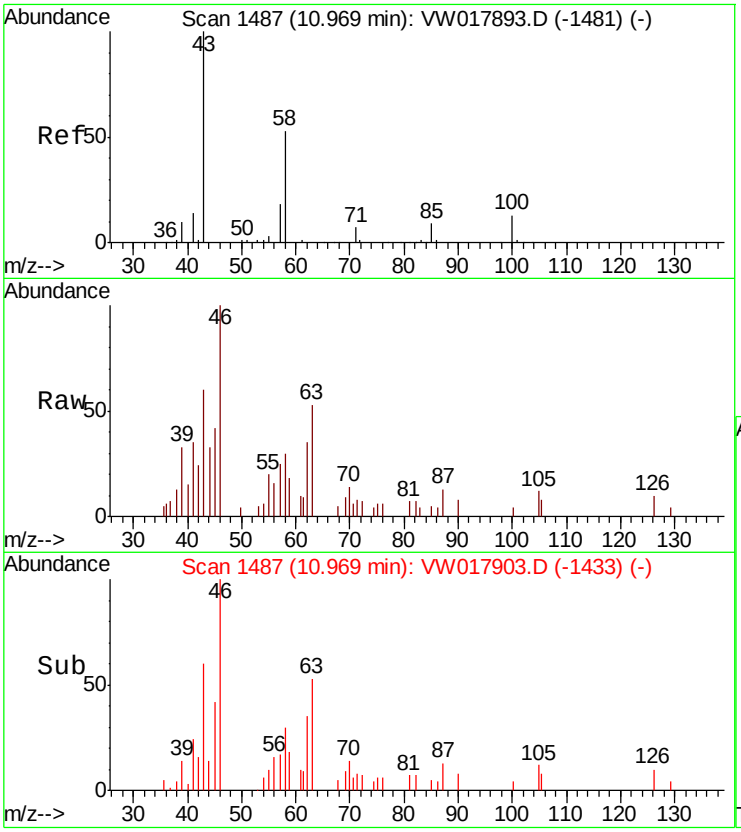


#45
trans-1,3-Dichloropropene
Concen: 0.496 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Tgt Ion: 75 Resp: 2285

Ion	Ratio	Lower	Upper
75	100		
77	43.6	22.6	42.0#



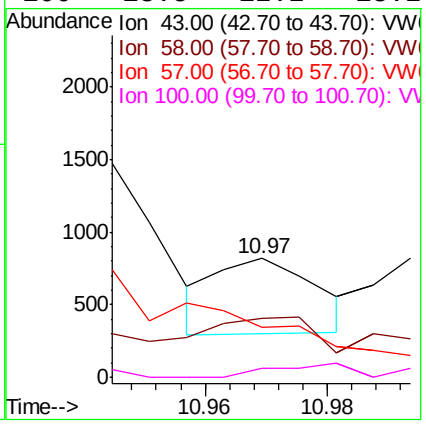


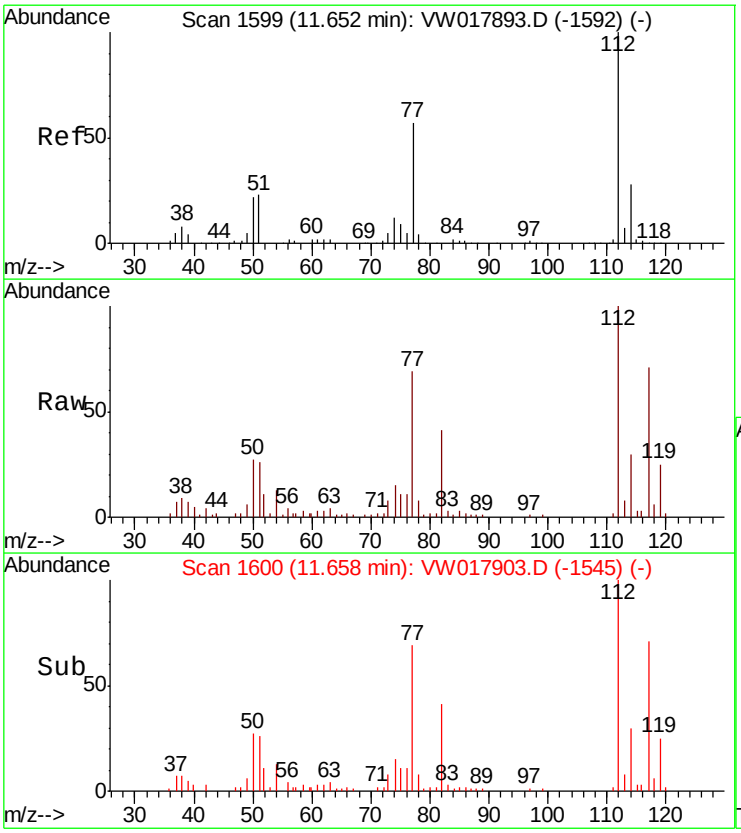
#49
2-Hexanone
Concen: 0.505 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Instrument : MSVOA_W
ClientSampleId : F1C10

Tgt Ion: 43 Resp: 591

Ion	Ratio	Lower	Upper
43	100		
58	101.2	51.3	76.9#
57	71.9	15.0	22.6#
100	13.5	12.2	18.2

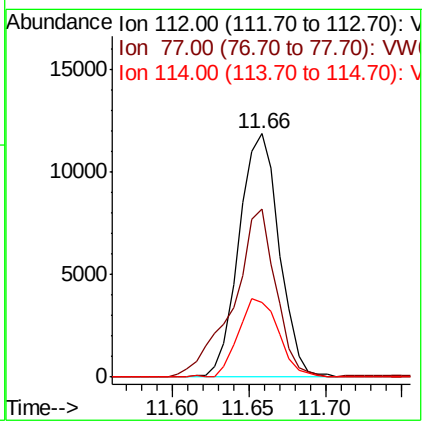


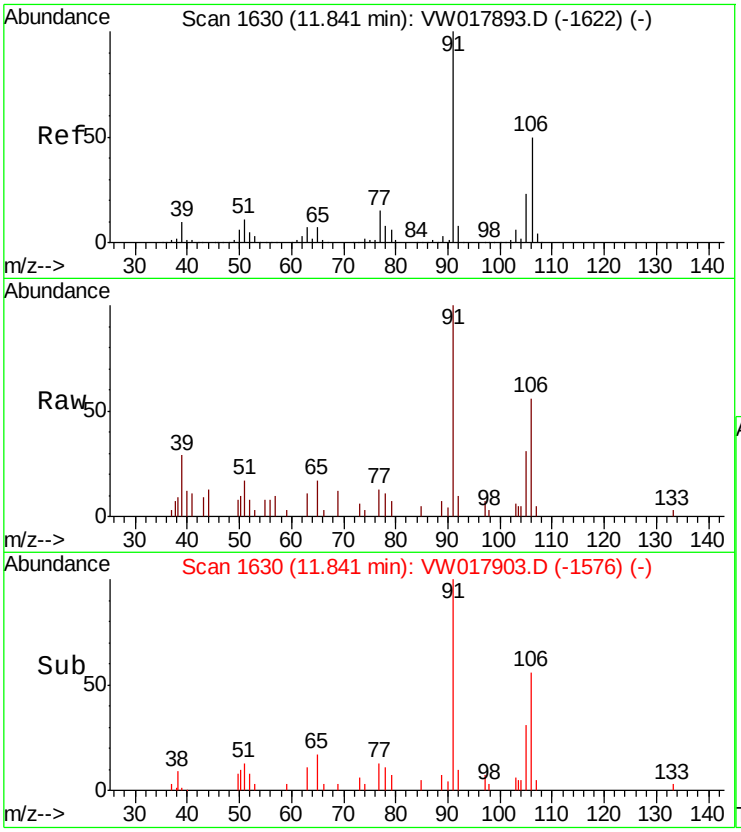


#52
Chlorobenzene
Concen: 2.114 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Tgt Ion:112 Resp: 21628

Ion	Ratio	Lower	Upper
112	100		
77	68.8	42.6	64.0#
114	30.4	21.6	40.2



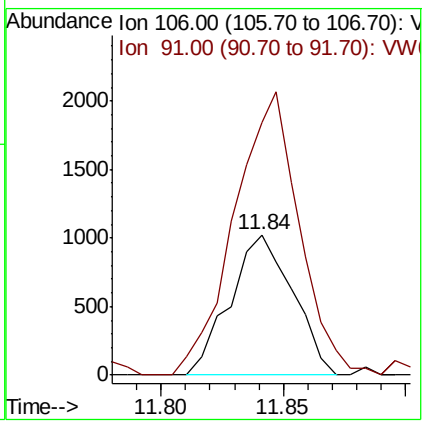


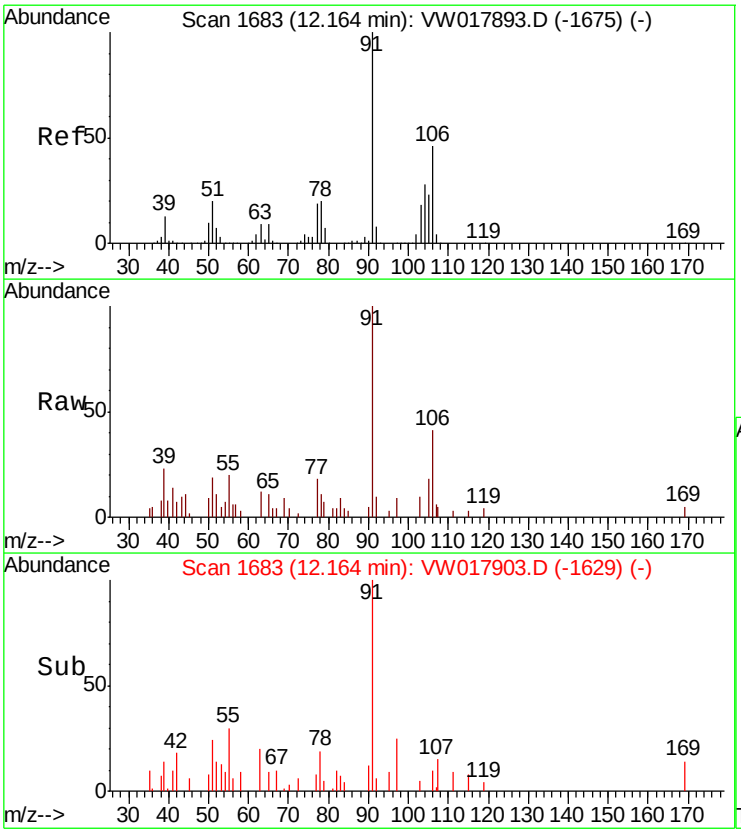
#54
m,p-Xylene
Concen: 0.252 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Instrument : MSVOA_W
ClientSampleId : F1C10

Tgt Ion:106 Resp: 1833

Ion	Ratio	Lower	Upper
106	100		
91	179.8	136.4	253.4

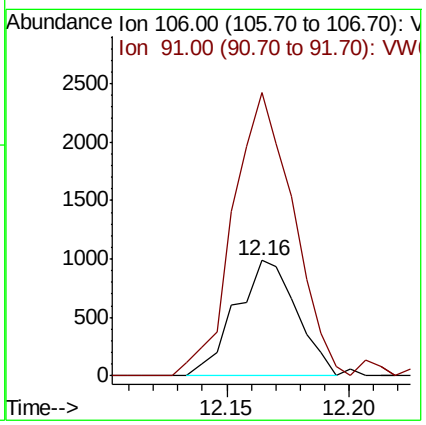


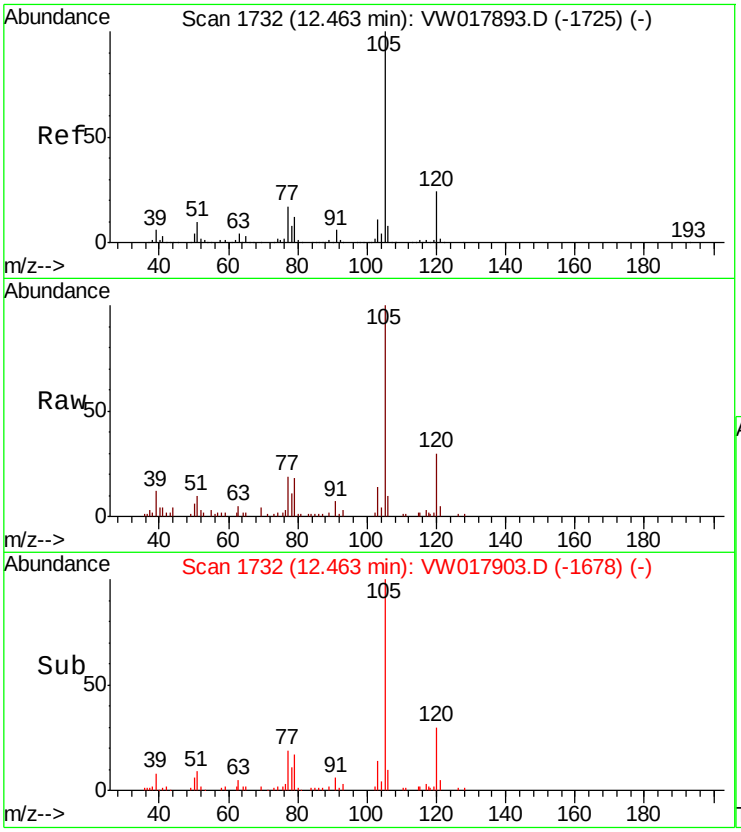


#55
o-xylene
Concen: 0.249 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Tgt Ion:106 Resp: 1703

Ion	Ratio	Lower	Upper
106	100		
91	244.9	147.6	274.2



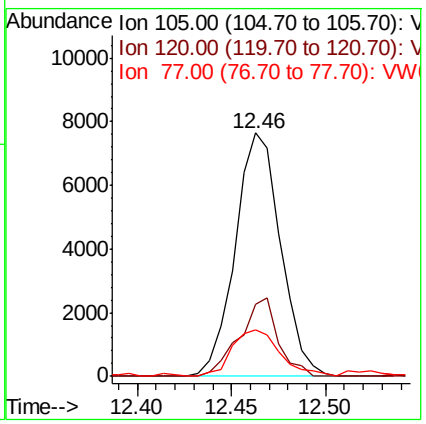


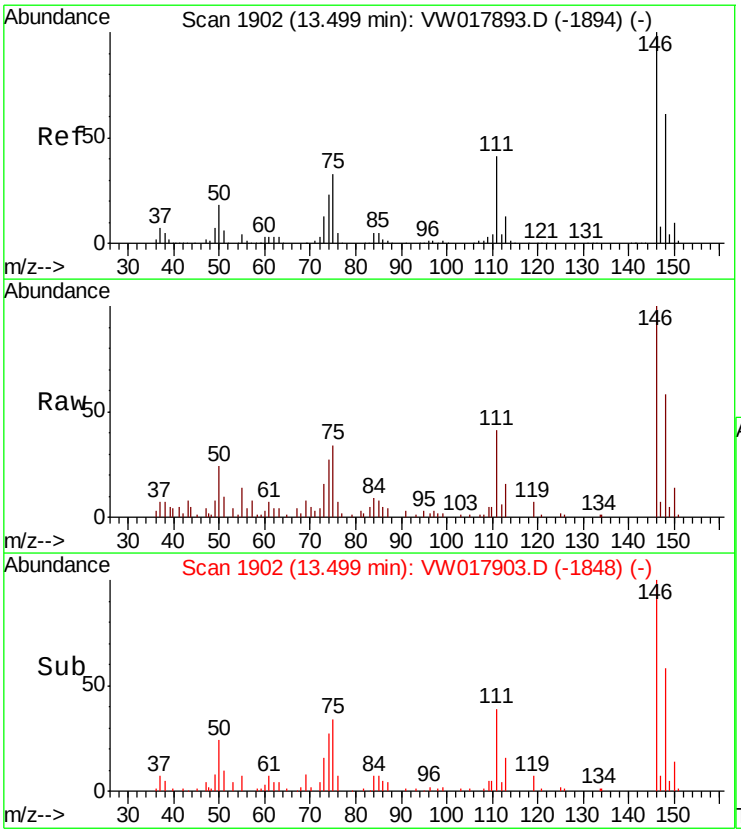
#57
Isopropylbenzene
Concen: 0.674 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Instrument : MSVOA_W
ClientSampleId : F1C10

Tgt Ion:105 Resp: 12760

Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.4	32.2
77	20.0	12.1	18.1#

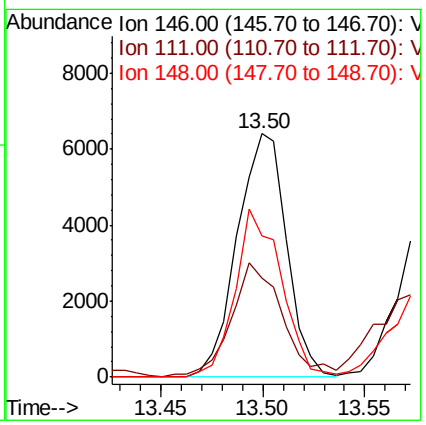


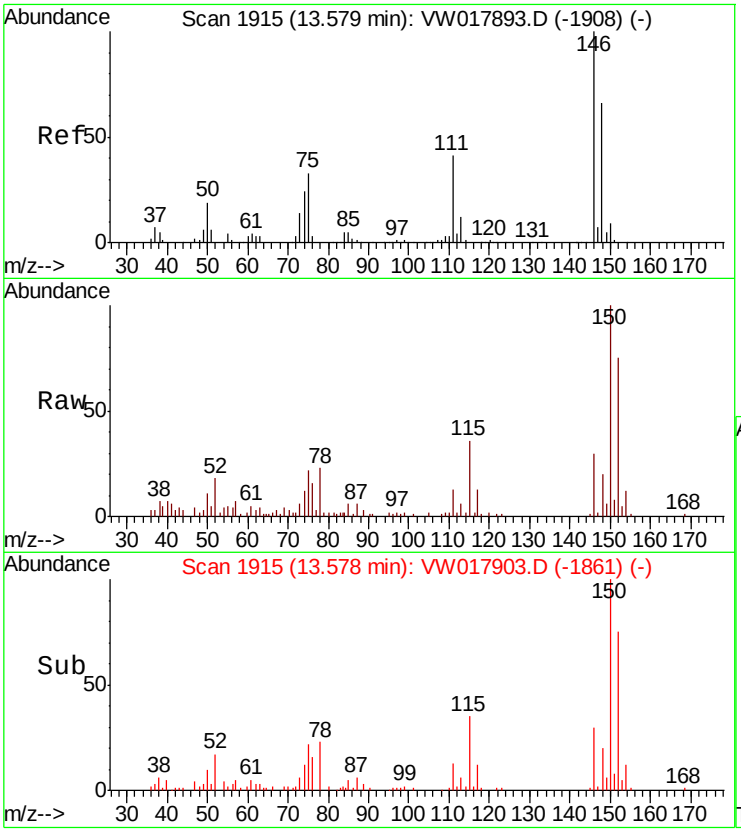


#63
1,3-Dichlorobenzene
Concen: 1.804 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Tgt Ion:146 Resp: 10766

Ion	Ratio	Lower	Upper
146	100		
111	40.9	28.5	52.9
148	58.2	47.8	88.8





#64
1,4-Dichlorobenzene
Concen: 1.069 ug/L
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW017903.D
Acq: 15 Jan 2021 17:22

Instrument :
MSVOA_W
ClientSampleId :
F1C10

Tgt Ion:146 Resp: 6414

Ion	Ratio	Lower	Upper
146	100		
111	45.0	27.7	51.5
148	68.1	47.0	87.2