Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120320\
Data File : VW017541.D
Acq On : 03 Dec 2020 18:19
Operator : SY/VA
Sample : L4920-13
Misc : 5.86G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Dec 20 00:35:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 20 00:31:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	299966	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84478	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	74404	18.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.44%			
7) Chloroethane-d5	2.89	69	65770	19.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.00%			
10) 1,1-Dichloroethene-d2	4.02	63	134405	15.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.20%			
20) 2-Butanone-d5	7.08	46	50220	60.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.70%			
24) Chloroform-d	7.65	84	193998	22.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.04%			
26) 1,2-Dichloroethane-d4	8.31	65	105526	25.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%			
29) Benzene-d6	8.27	84	368819	24.89	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.56%			
33) 1,2-Dichloropropane-d6	9.27	67	109385	26.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.72%			
37) Toluene-d8	10.33	98	317852	23.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.20%			
38) trans-1,3-Dichloropropene-	10.58	79	42862	23.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.56%			
39) 2-Hexanone-d5	10.93	63	32446	63.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.86%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80299	27.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.88%			
61) 1,2-Dichlorobenzene-d4	13.85	152	75868	24.26	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.04%			
Target Compounds						Qvalue
5) Vinyl chloride	2.37	62	876	0.241	ug/L #	1
12) 1,1-Dichloroethene	4.04	96	8823	2.121	ug/L #	1
13) Acetone	4.13	43	6694	8.360	ug/L	88
14) Carbon disulfide	4.40	76	6213	0.522	ug/L #	94
16) Methylene chloride	4.92	84	19274	4.280	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	9004	2.018	ug/L	95
34) Benzene	8.32	78	77153	5.327	ug/L	100
35) Trichloroethene	9.09	95	1152490	287.012	ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	3647	0.692	ug/L	99
44) Toluene	10.39	91	8896	0.571	ug/L	91
45) trans-1,3-Dichloropropene	10.58	75	1953	0.432	ug/L #	68
47) Tetrachloroethene	10.87	164	12560376	3671.214	ug/L	89
49) 2-Hexanone	10.97	43	608	0.550	ug/L #	83
53) Ethylbenzene	11.73	91	64883	3.671	ug/L	97
54) m,p-Xylene	11.84	106	15543	2.305	ug/L	95
55) o-xylene	12.16	106	9315	1.483	ug/L	91
59) 1,2,3-Trichloropropane	13.55	75	10002	4.939	ug/L	90

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120320\
Data File : VW017541.D
Acq On : 03 Dec 2020 18:19
Operator : SY/VA
Sample : L4920-13
Misc : 5.86G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Dec 20 00:35:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 20 00:31:51 2020
Response via : Initial Calibration

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

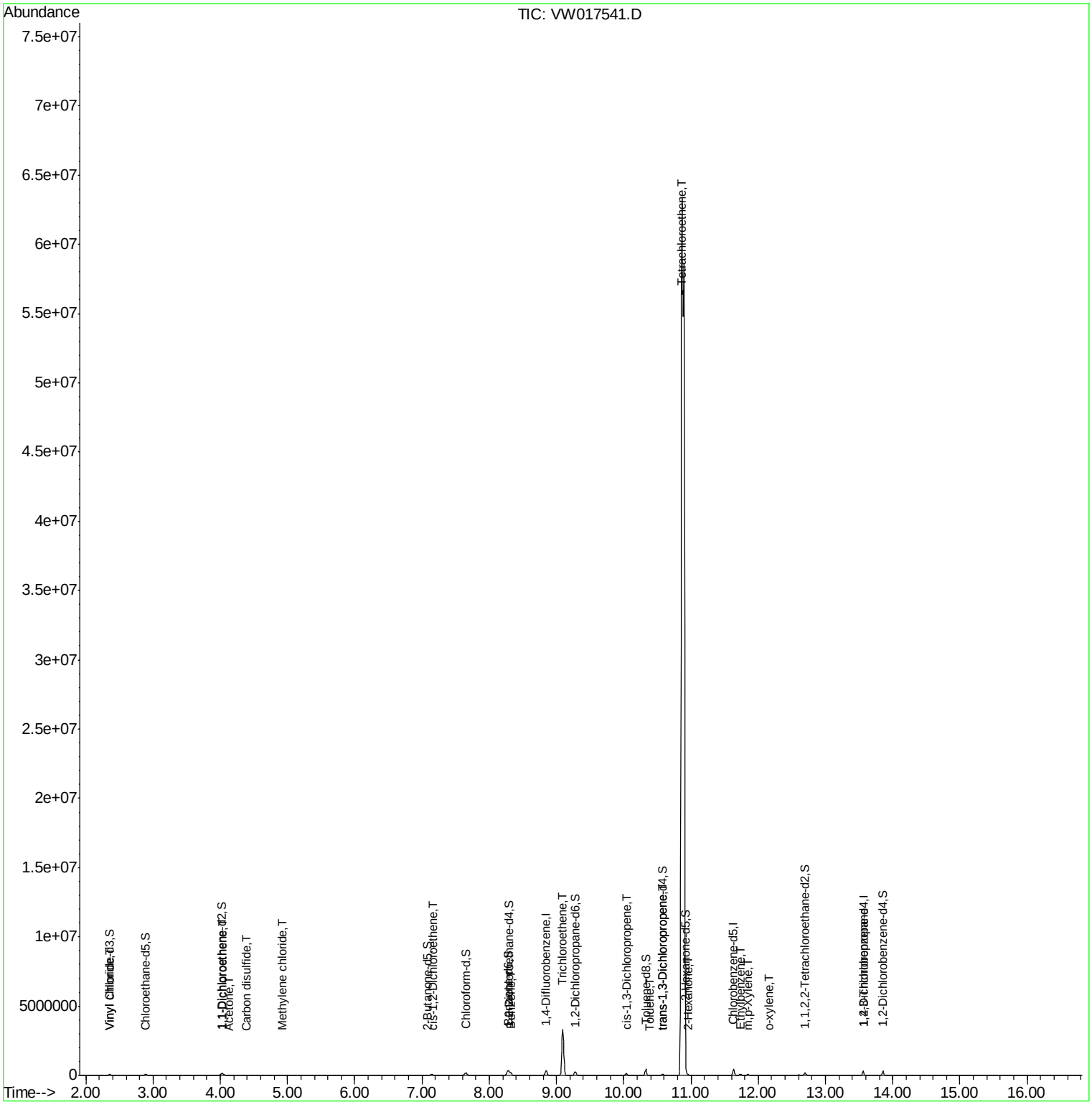
(#) = qualifier out of range (m) = manual integration (+) = signals summed

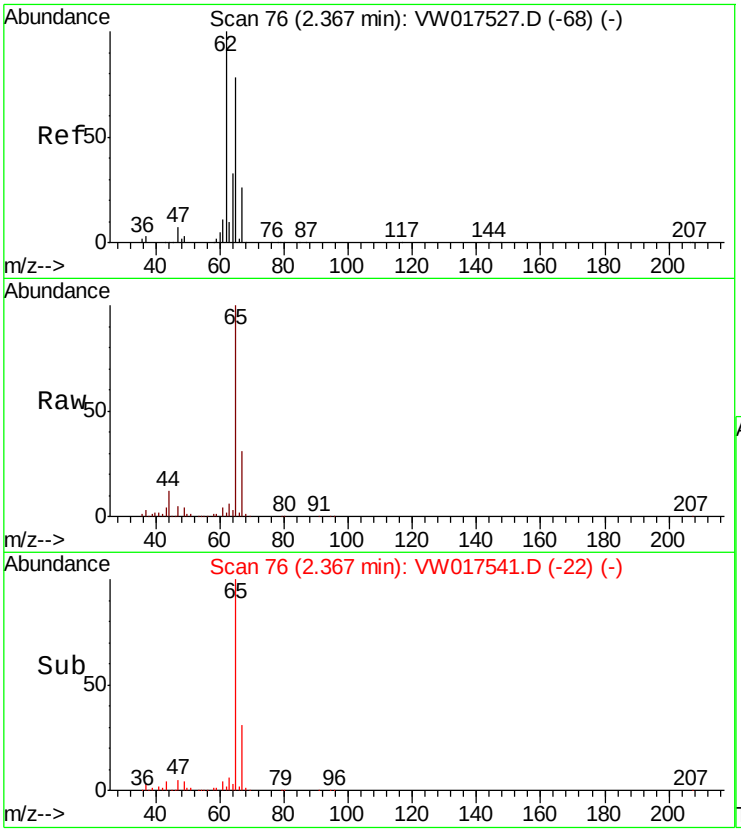
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
Data File : VW017541.D
Acq On : 03 Dec 2020 18:19
Operator : SY/VA
Sample : L4920-13
Misc : 5.86G/10ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 20 00:35:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 20 00:31:51 2020
Response via : Initial Calibration



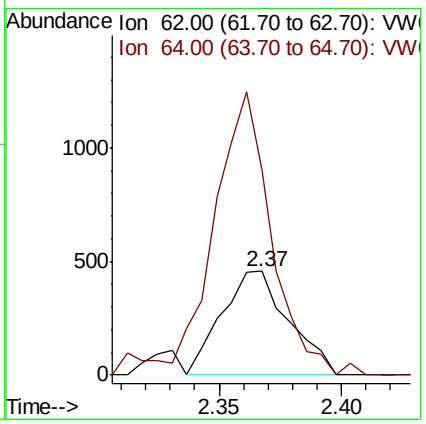


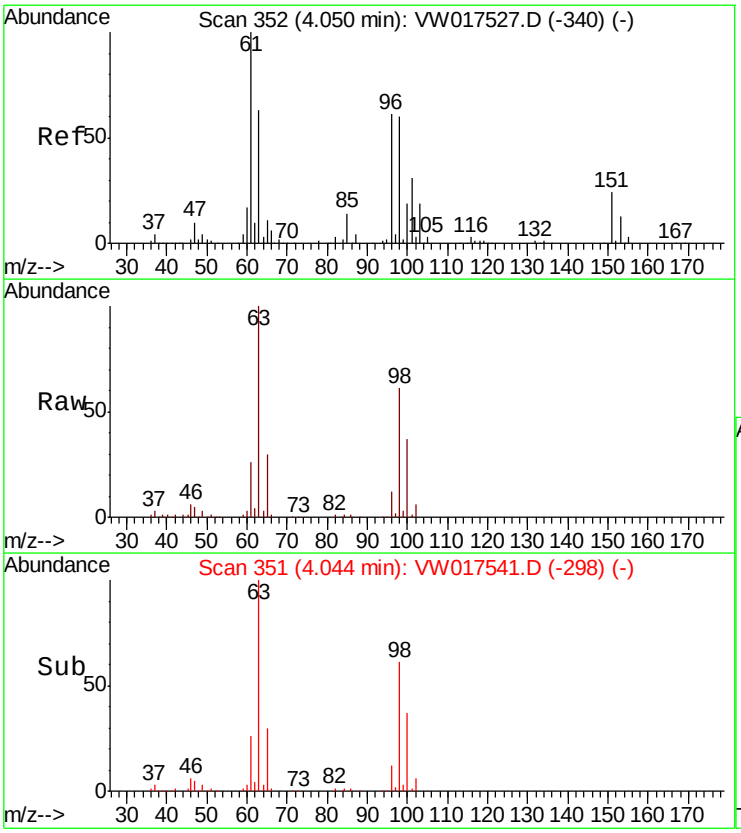
#5
Vinyl chloride
Concen: 0.241 ug/L
RT: 2.37 min Scan# 76
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 62 Resp: 876

Ion	Ratio	Lower	Upper
62	100		
64	196.7	23.9	44.5#

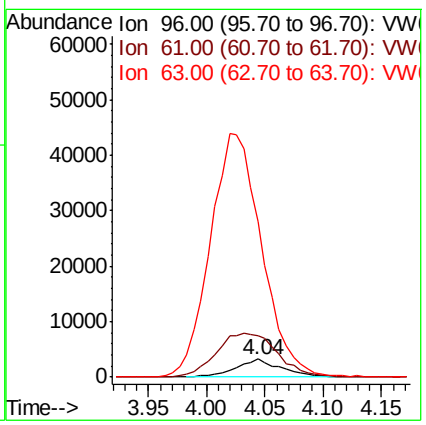


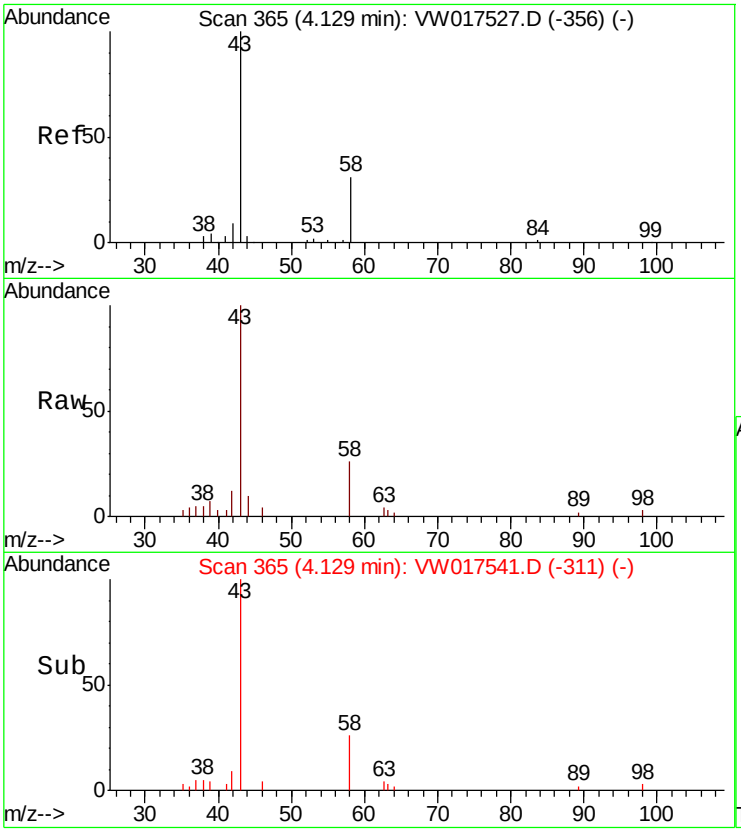


#12
1,1-Dichloroethene
Concen: 2.121 ug/L
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Tgt Ion: 96 Resp: 8823

Ion	Ratio	Lower	Upper
96	100		
61	227.3	112.5	208.9#
63	865.3	83.1	154.3#



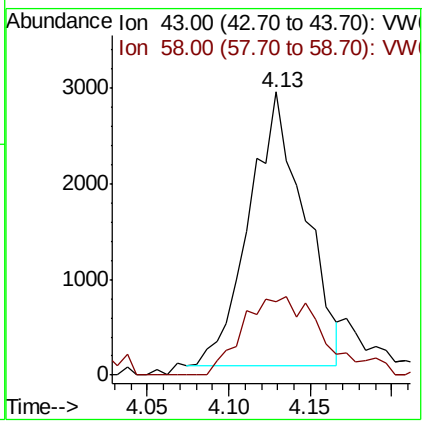


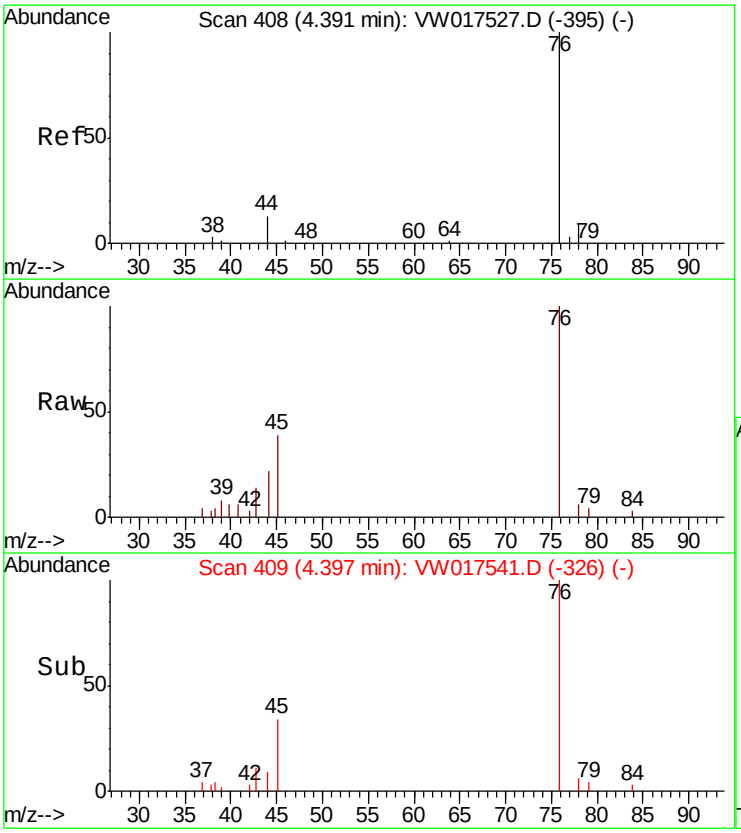
#13
Acetone
Concen: 8.360 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 6694

Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	68.4

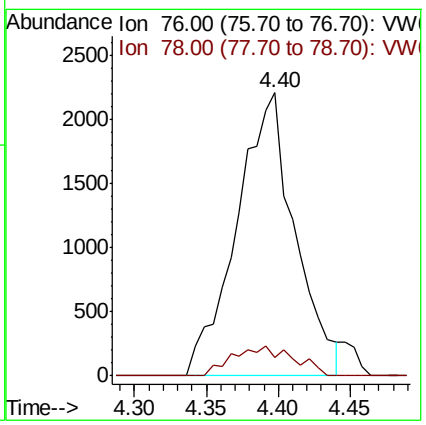


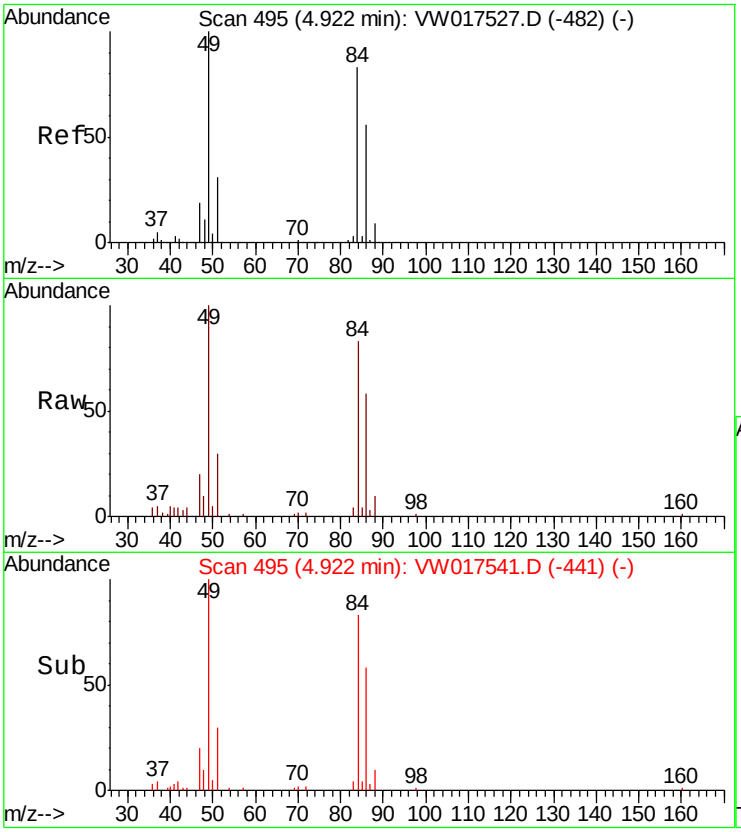


#14
Carbon disulfide
Concen: 0.522 ug/L
RT: 4.40 min Scan# 409
Delta R.T. 0.01 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Tgt Ion: 76 Resp: 6213

Ion	Ratio	Lower	Upper
76	100		
78	6.5	7.0	10.4#



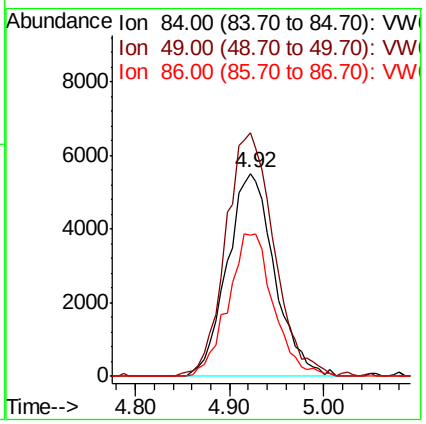


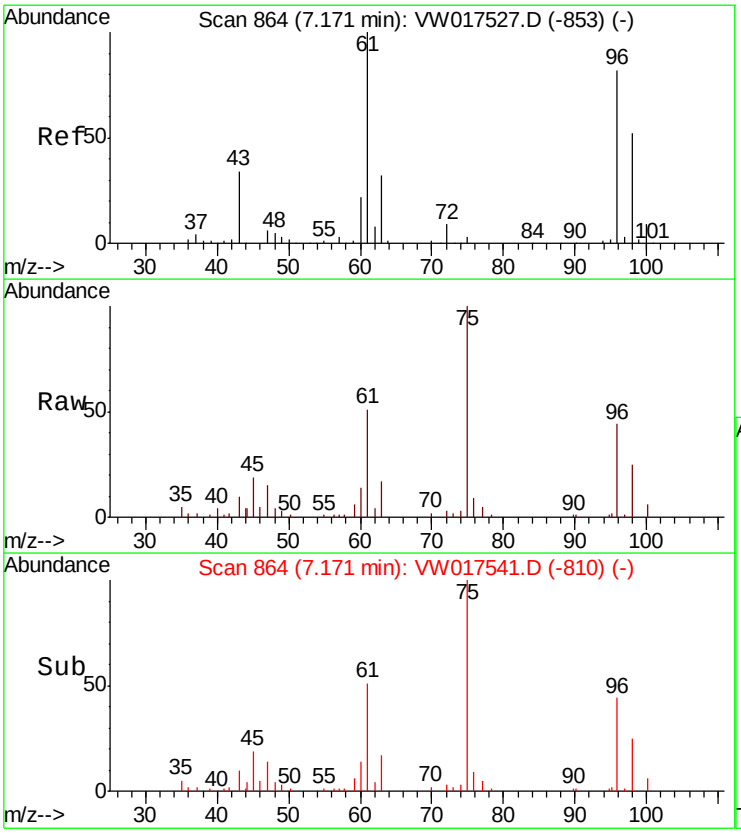
#16
Methylene chloride
Concen: 4.280 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 19274

Ion	Ratio	Lower	Upper
84	100		
49	120.0	81.2	150.8
86	69.7	44.5	82.7

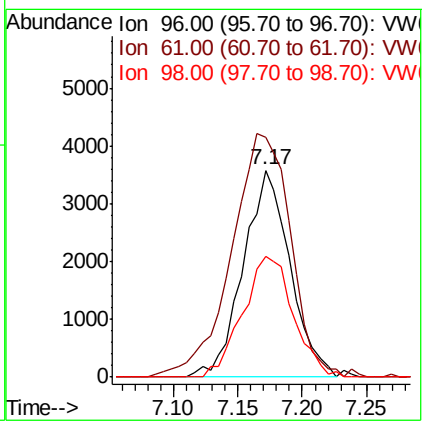


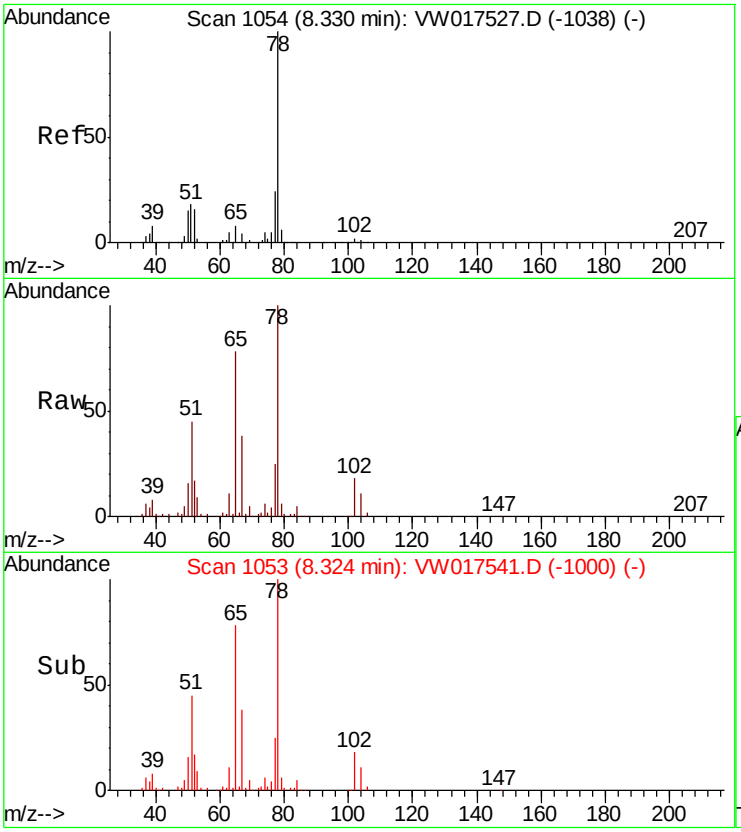


#22
cis-1,2-Dichloroethene
Concen: 2.018 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Tgt Ion: 96 Resp: 9004

Ion	Ratio	Lower	Upper
96	100		
61	116.2	84.6	157.2
98	58.2	44.7	82.9

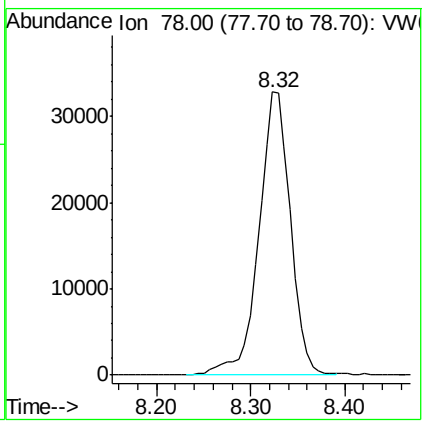


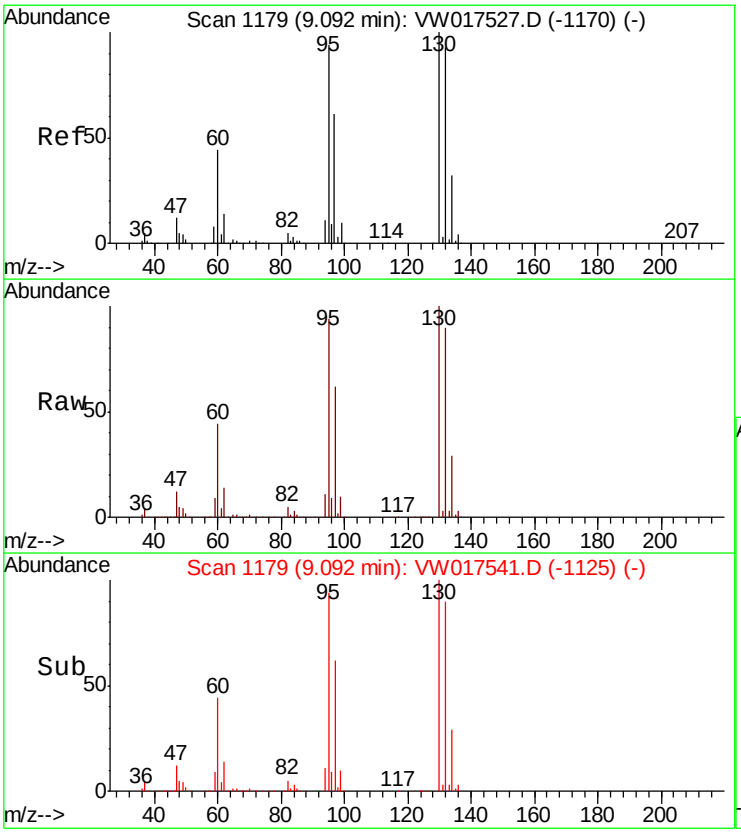


#34
Benzene
Concen: 5.327 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 78 Resp: 77153

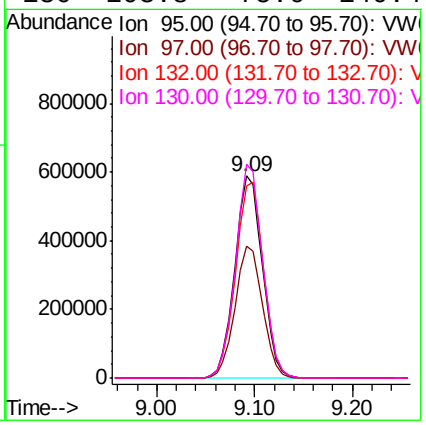


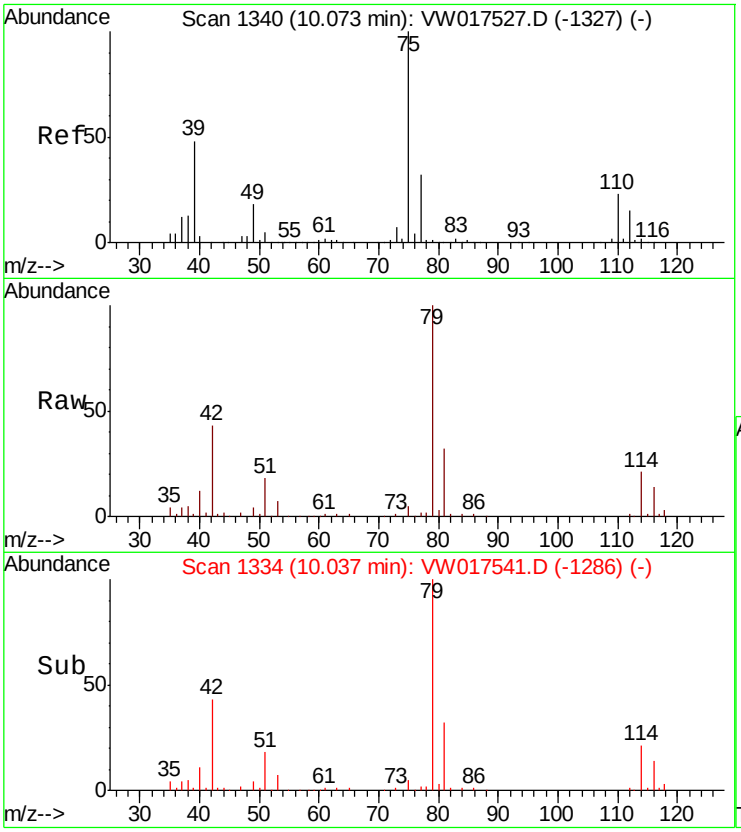


#35
Trichloroethene
Concen: 287.012 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Tgt Ion: 95 Resp: 1152490

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.0	83.6
132	98.5	71.0	131.8
130	103.8	75.6	140.4



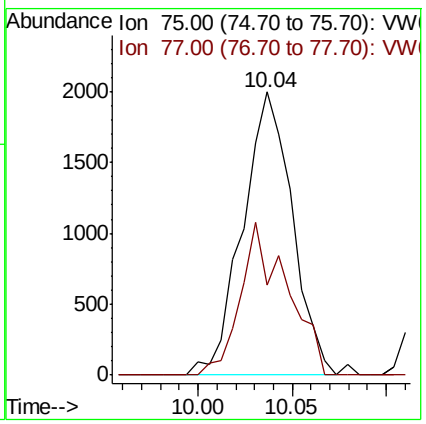


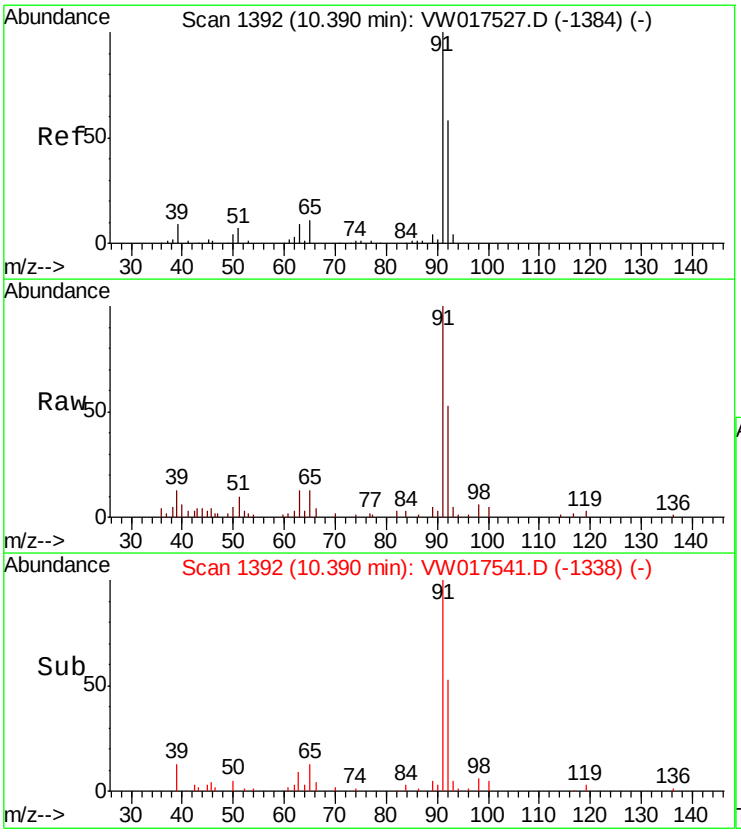
#42
cis-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 3647

Ion	Ratio	Lower	Upper
75	100		
77	31.8	22.7	42.3

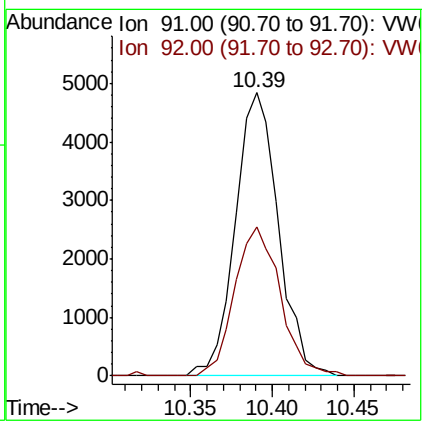


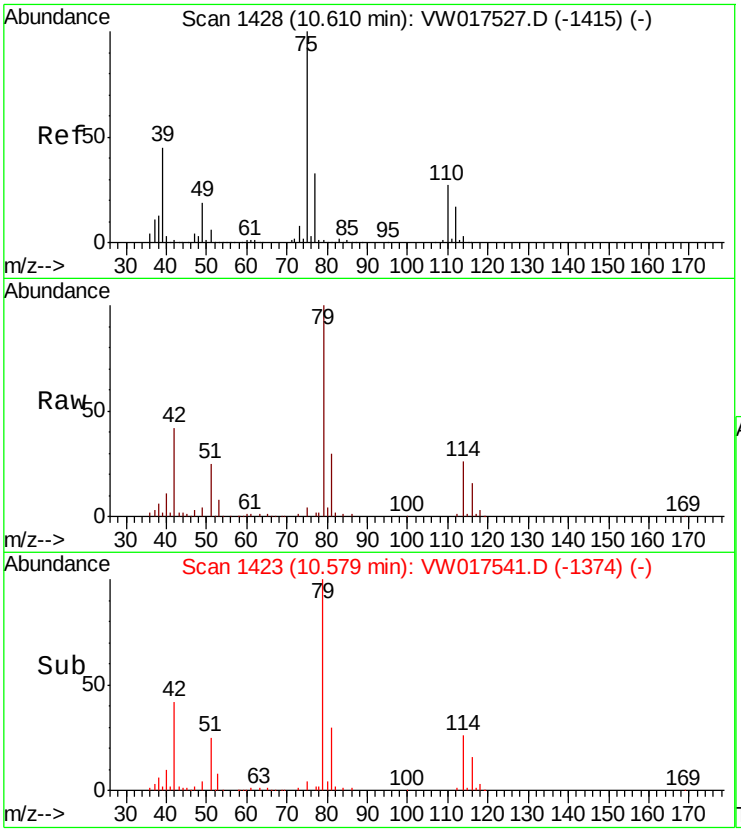


#44
Toluene
Concen: 0.571 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Tgt Ion: 91 Resp: 8896

Ion	Ratio	Lower	Upper
91	100		
92	52.5	41.6	77.3



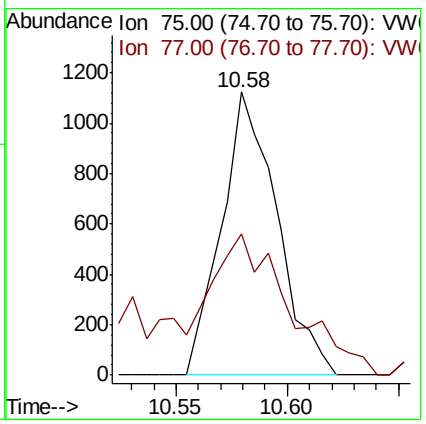


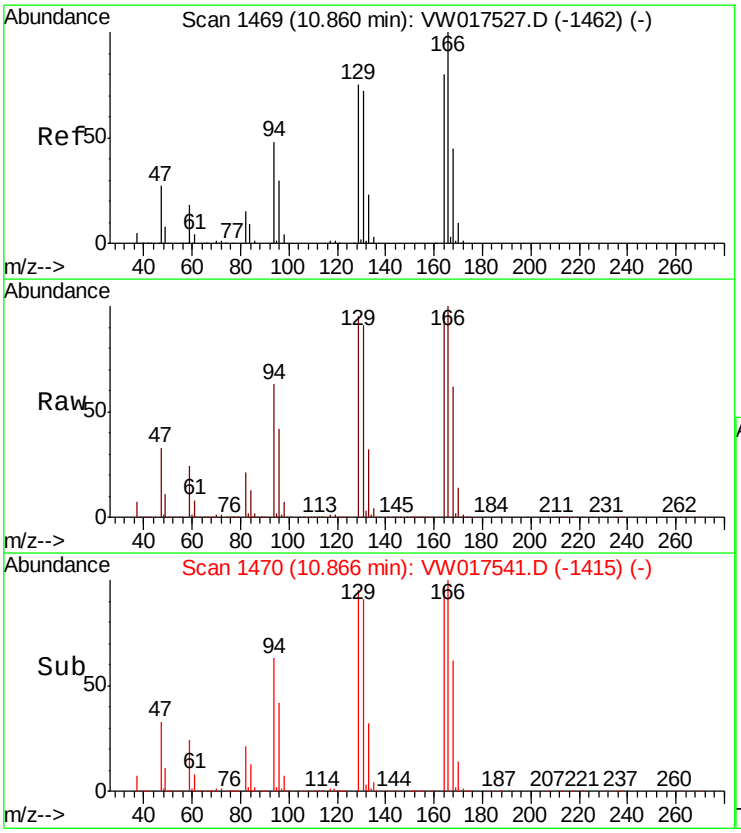
#45
trans-1,3-Dichloropropene
Concen: 0.432 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 1953

Ion	Ratio	Lower	Upper
75	100		
77	50.1	22.6	42.0#

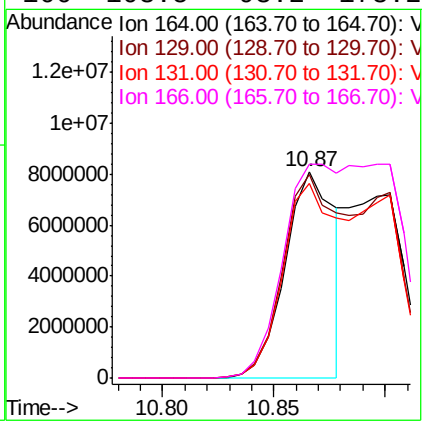


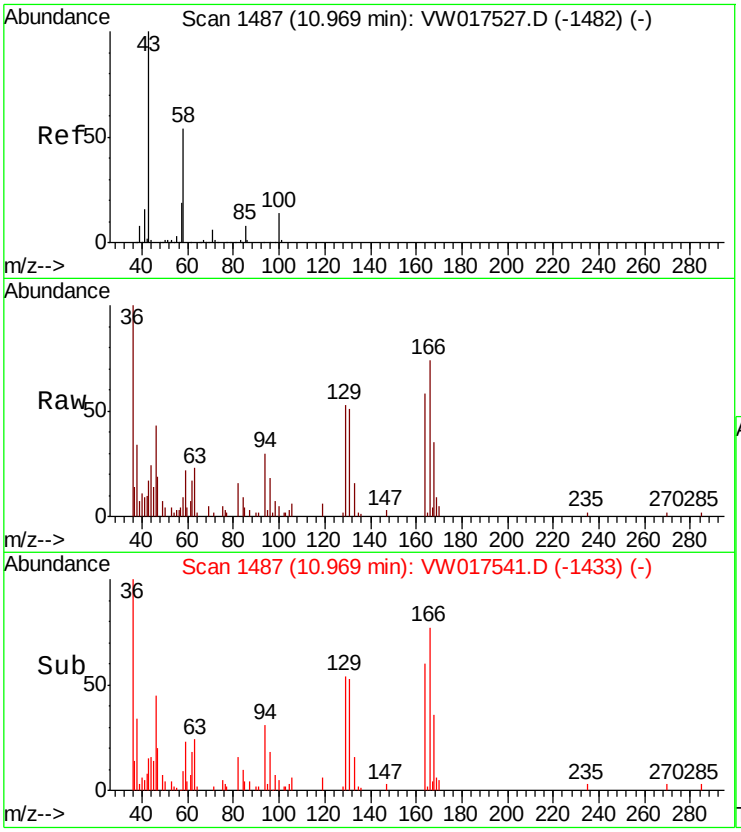


#47
Tetrachloroethene
Concen: 3671.214 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Tgt Ion:164 Resp:12560376

Ion	Ratio	Lower	Upper
164	100		
129	98.8	67.6	125.6
131	94.5	65.2	121.2
166	103.5	93.2	173.2



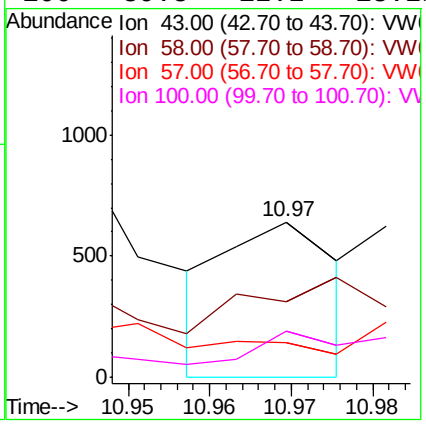


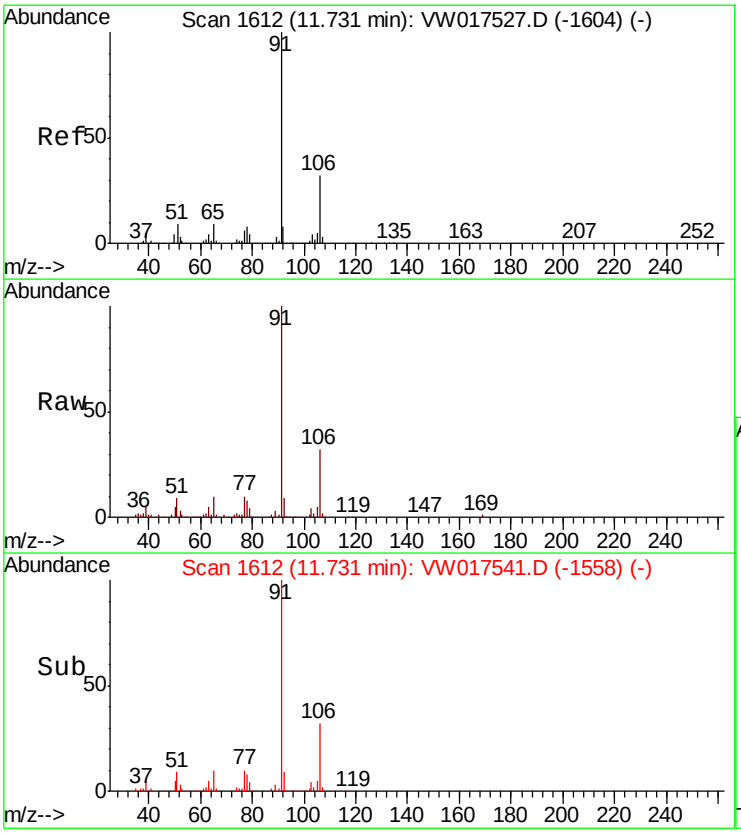
#49
2-Hexanone
Concen: 0.550 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 608

Ion	Ratio	Lower	Upper
43	100		
58	71.5	51.3	76.9
57	23.4	15.0	22.6#
100	39.8	12.2	18.2#

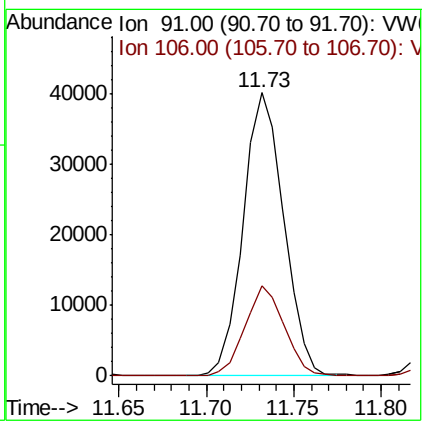


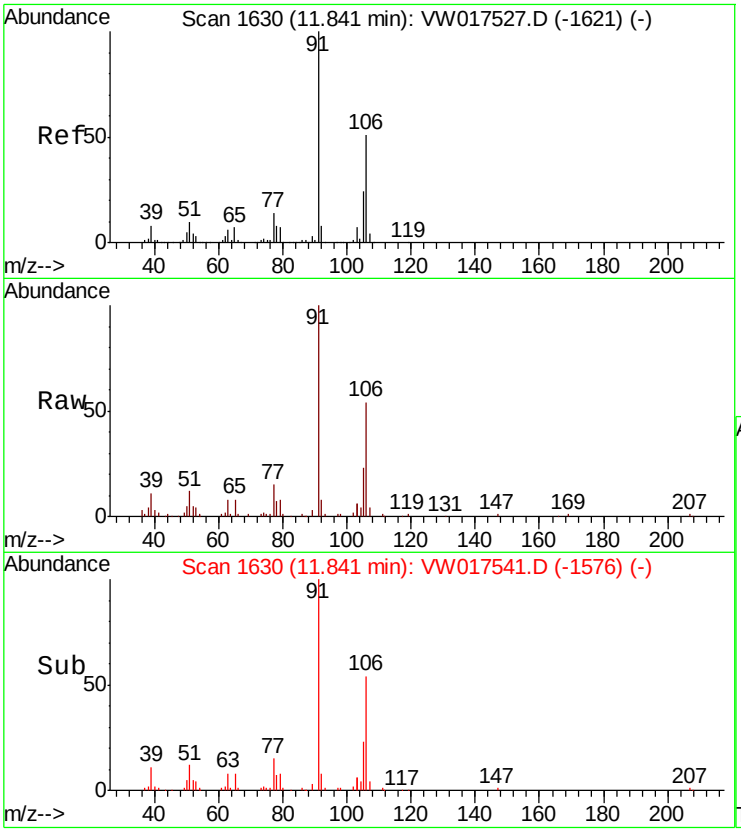


#53
Ethylbenzene
Concen: 3.671 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Tgt Ion: 91 Resp: 64883

Ion	Ratio	Lower	Upper
91	100		
106	31.9	21.1	39.1



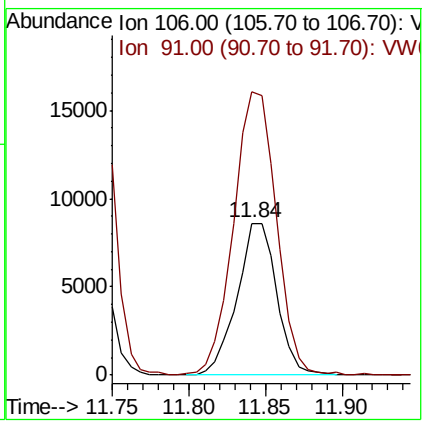


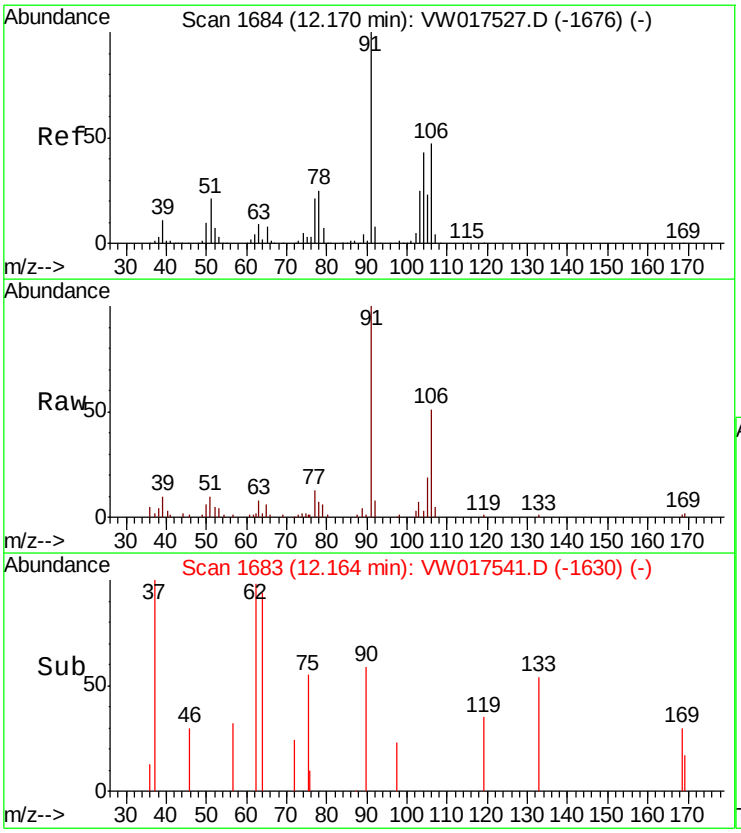
#54
m,p-Xylene
Concen: 2.305 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 15543

Ion	Ratio	Lower	Upper
106	100		
91	186.7	136.4	253.4

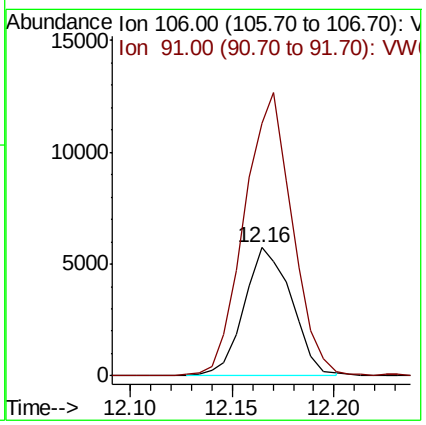


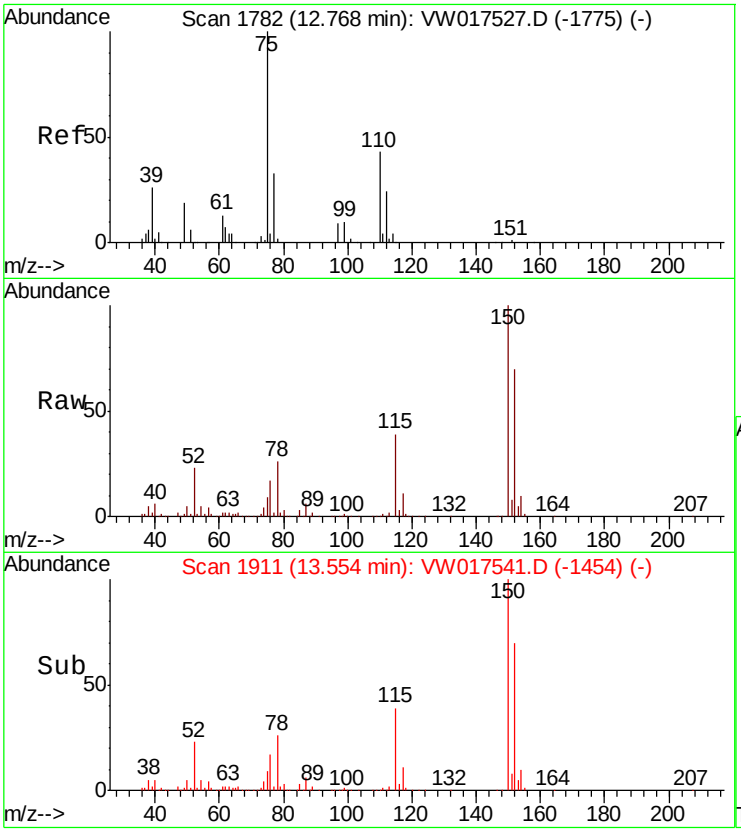


#55
o-xylene
Concen: 1.483 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Tgt Ion:106 Resp: 9315

Ion	Ratio	Lower	Upper
106	100		
91	196.8	147.6	274.2





#59
1,2,3-Trichloropropane
Concen: 4.939 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW017541.D
Acq: 03 Dec 2020 18:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 10002

Ion	Ratio	Lower	Upper
75	100		
77	38.7	26.6	39.8