Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101720\
Data File : VW016924.D
Acq On : 16 Oct 2020 12:59
Operator : SY/VA
Sample : VW1017SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Oct 17 00:44:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 17 00:37:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	472278	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436207	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209237	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	96900	20.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.20%			
7) Chloroethane-d5	2.89	69	83107	21.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.04%			
10) 1,1-Dichloroethene-d2	4.02	63	150533	15.22	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.88%			
20) 2-Butanone-d5	7.08	46	59525	56.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.82%			
24) Chloroform-d	7.65	84	230963	23.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.72%			
26) 1,2-Dichloroethane-d4	8.31	65	118453	24.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.44%			
29) Benzene-d6	8.27	84	459791	23.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.84%			
33) 1,2-Dichloropropane-d6	9.27	67	131441	24.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.76%			
37) Toluene-d8	10.32	98	432407	23.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.52%			
38) trans-1,3-Dichloropropene-	10.58	79	52811	22.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.96%			
39) 2-Hexanone-d5	10.93	63	47881	58.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.30%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113674	26.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.72%			
61) 1,2-Dichlorobenzene-d4	13.85	152	166550	25.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
13) Acetone	4.13	43	836	1.047	ug/L	84
16) Methylene chloride	4.92	84	4828	0.741	ug/L	90
43) 4-Methyl-2-pentanone	10.21	43	2145	0.804	ug/L	97
45) trans-1,3-Dichloropropene	10.59	75	2491	0.351	ug/L #	78
47) Tetrachloroethene	10.87	164	3208	0.522	ug/L	99

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

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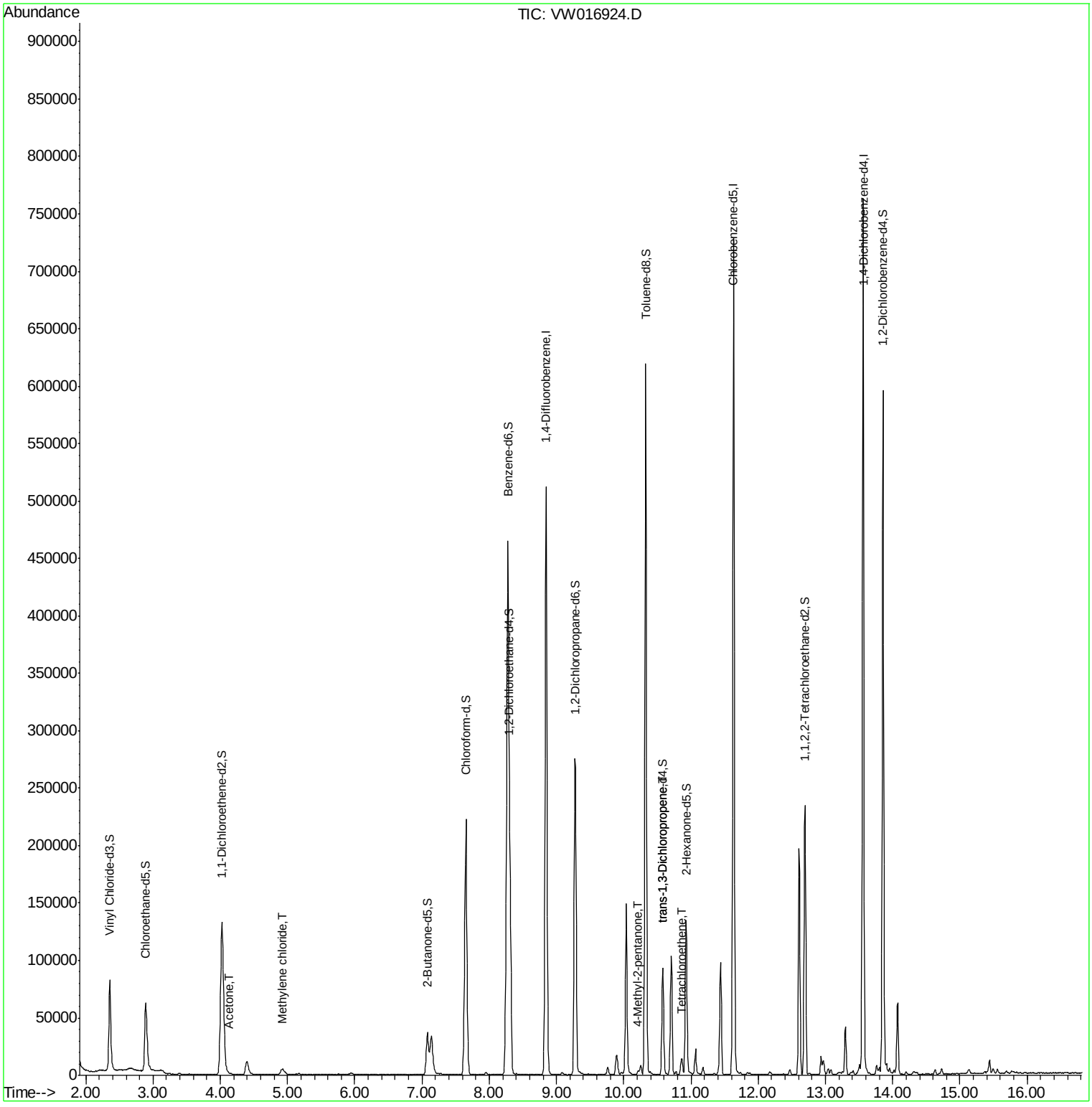
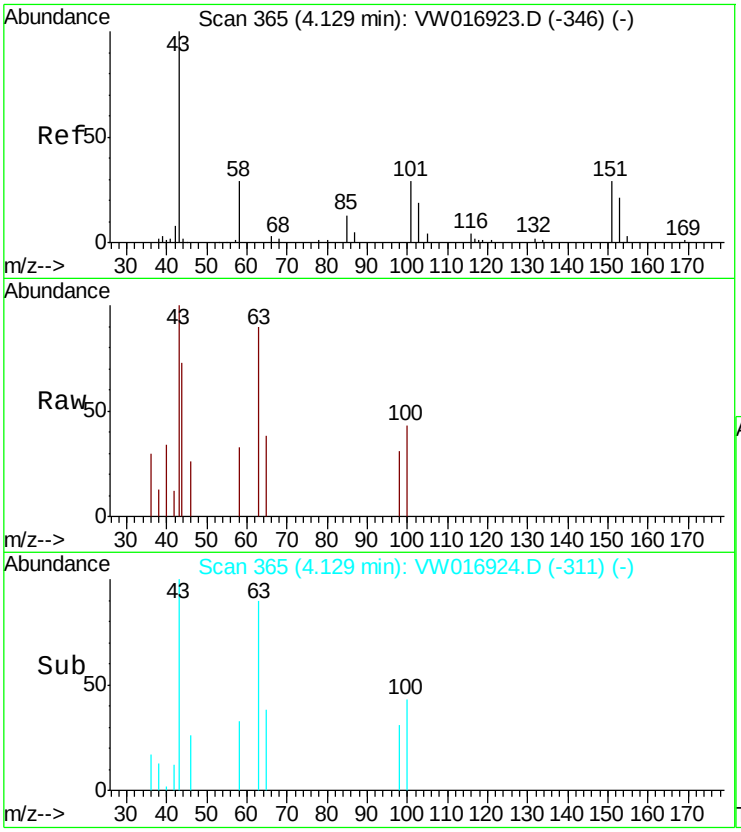


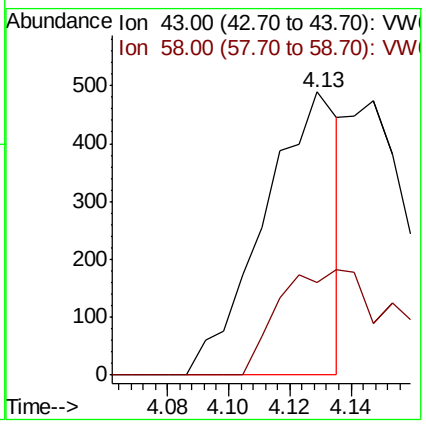


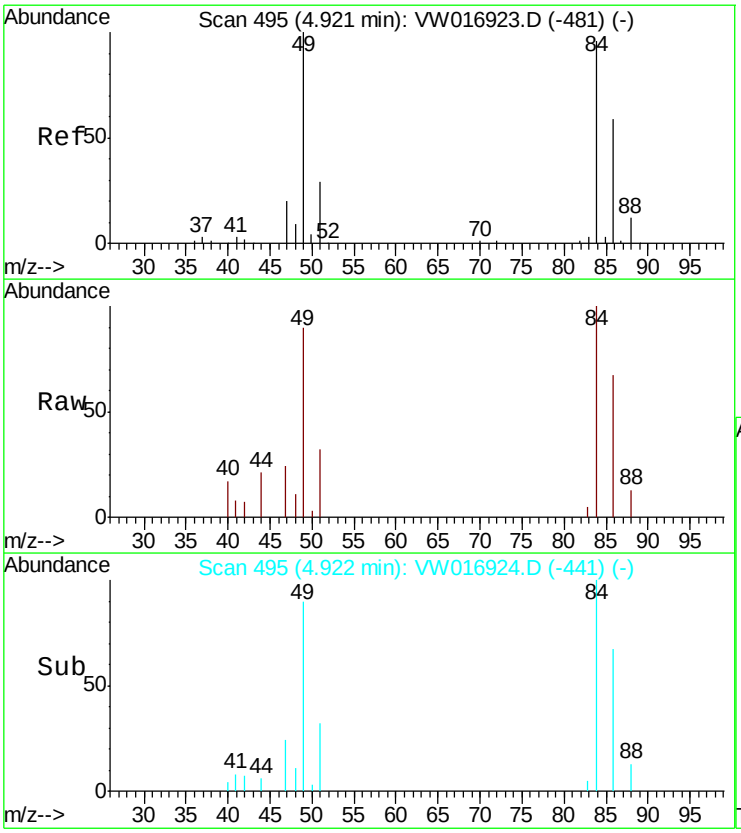
#13
Acetone
Concen: 1.047 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW016924.D
Acq: 16 Oct 2020 12:59

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 836

Ion	Ratio	Lower	Upper
43	100		
58	42.9	0.0	67.6

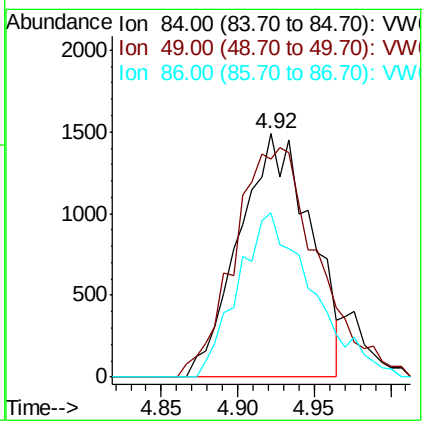


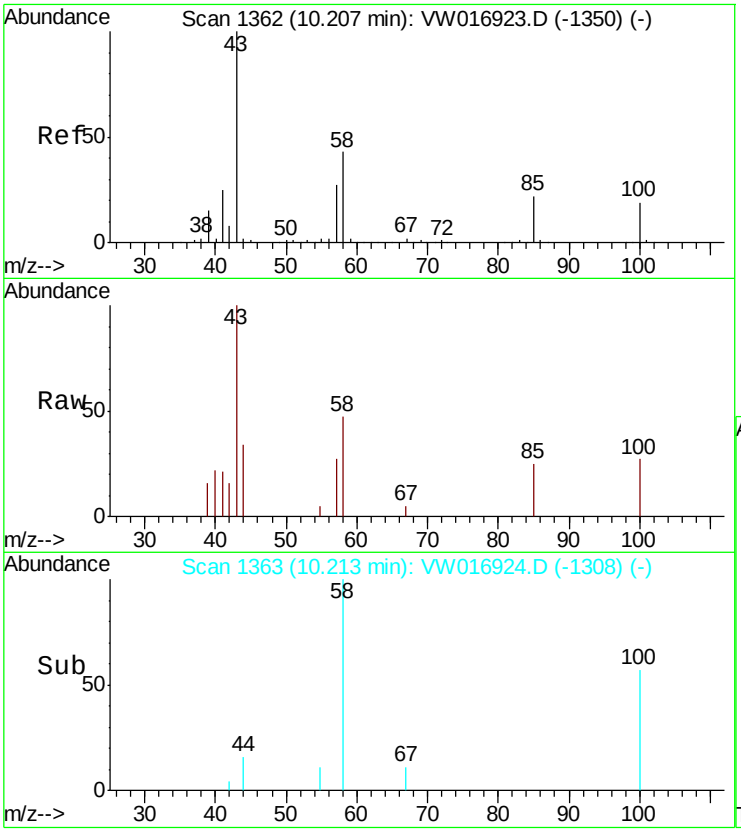


#16
Methylene chloride
Concen: 0.741 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016924.D
Acq: 16 Oct 2020 12:59

Tgt Ion: 84 Resp: 4828

Ion	Ratio	Lower	Upper
84	100		
49	89.7	73.1	135.8
86	67.4	46.0	85.4



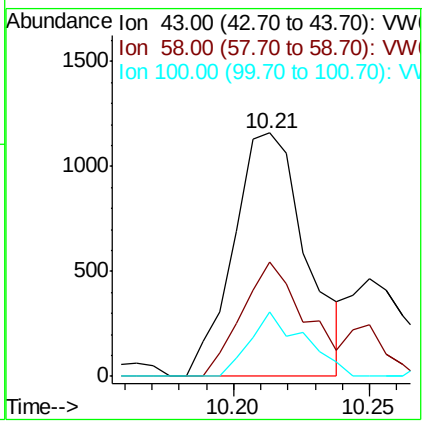


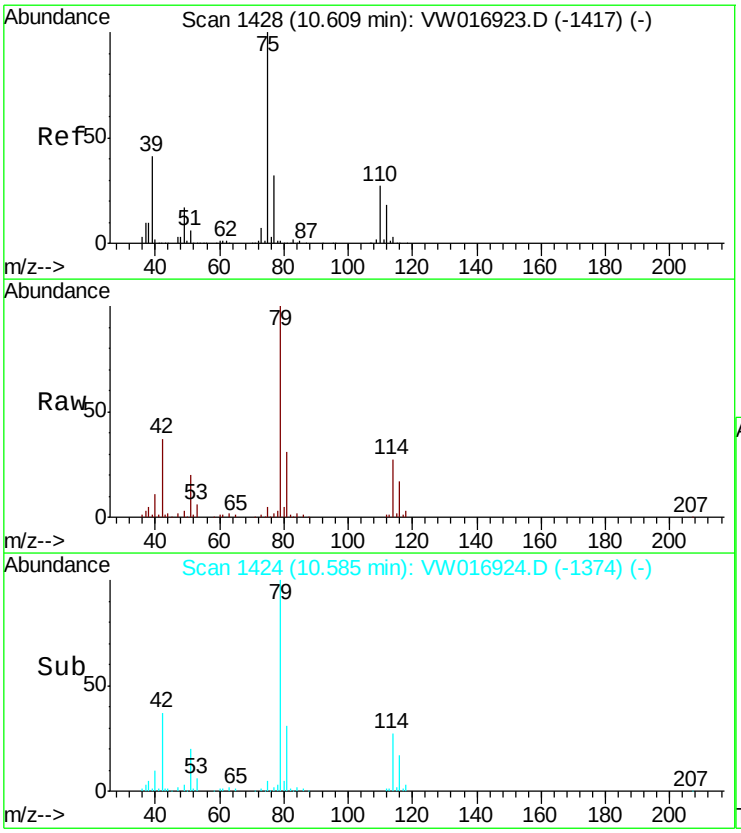
#43
4-Methyl-2-pentanone
Concen: 0.804 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW016924.D
Acq: 16 Oct 2020 12:59

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 2145

Ion	Ratio	Lower	Upper
43	100		
58	41.1	34.7	52.1
100	19.9	16.9	25.3

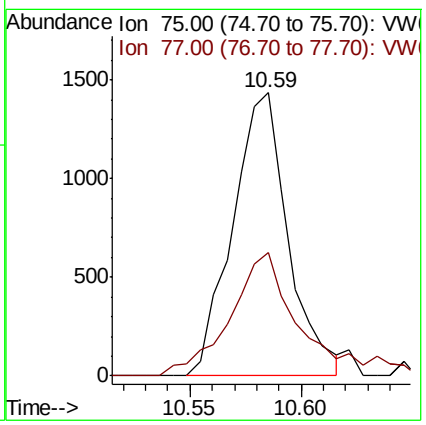


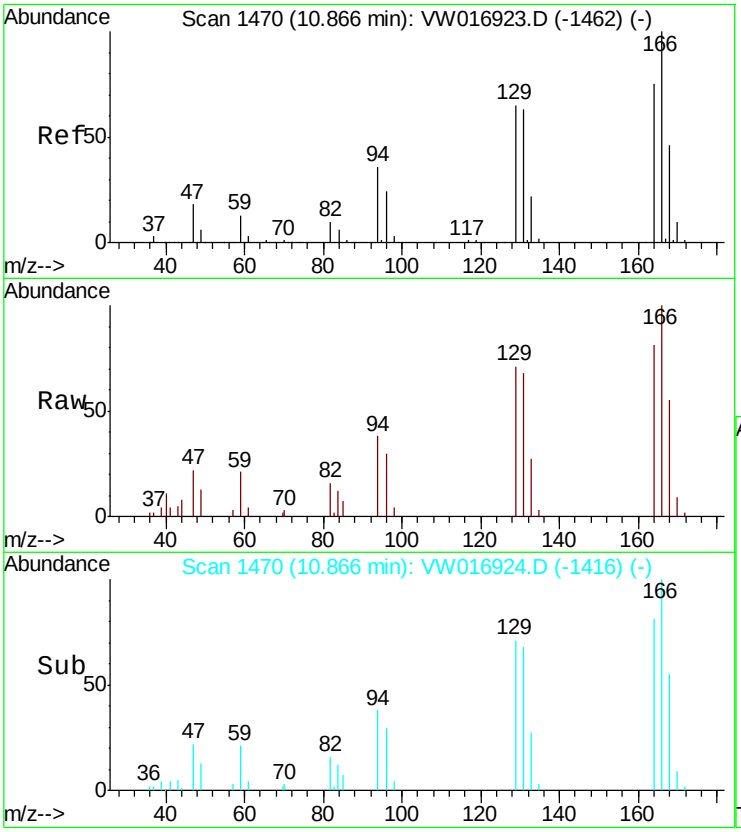


#45
trans-1,3-Dichloropropene
Concen: 0.351 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW016924.D
Acq: 16 Oct 2020 12:59

Tgt Ion: 75 Resp: 2491

Ion	Ratio	Lower	Upper
75	100		
77	43.7	22.2	41.2#





#47
Tetrachloroethene
Concen: 0.522 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016924.D
Acq: 16 Oct 2020 12:59

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:164 Resp: 3208

Ion	Ratio	Lower	Upper
164	100		
129	88.1	61.7	114.7
131	84.6	59.7	110.9
166	123.8	88.3	164.1