Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082620\
Data File : VW016375.D
Acq On : 26 Aug 2020 18:21
Operator : SY/VA
Sample : L3800-05
Misc : 6.42G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG3H5

Quant Time: Aug 27 02:45:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 27 02:40:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	6666	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	5276	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	731	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	1684	23.66	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.64%			
7) Chloroethane-d5	2.89	69	1842	34.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 136.36%			
10) 1,1-Dichloroethene-d2	4.03	63	2614	15.46	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.84%			
20) 2-Butanone-d5	7.09	46	632	31.22	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.44%			
24) Chloroform-d	7.65	84	4582	26.37	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.48%			
26) 1,2-Dichloroethane-d4	8.31	65	2356	26.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.24%			
29) Benzene-d6	8.27	84	7711	26.18	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.72%			
33) 1,2-Dichloropropane-d6	9.28	67	2295	28.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.64%			
37) Toluene-d8	10.32	98	6137	22.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.36%			
38) trans-1,3-Dichloropropene-	10.59	79	685	17.41	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.64%			
39) 2-Hexanone-d5	10.93	63	370	28.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.66%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	1636	24.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.48%			
61) 1,2-Dichlorobenzene-d4	13.86	152	764	27.26	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.04%			
Target Compounds						Qvalue
5) Vinyl chloride	2.35	62	3244	41.649	ug/L	97
16) Methylene chloride	4.92	84	535	4.342	ug/L #	54
18) trans-1,2-Dichloroethene	5.43	96	112	1.205	ug/L #	42
22) cis-1,2-Dichloroethene	7.18	96	41167	421.079	ug/L	97
35) Trichloroethene	9.10	95	23630	275.775	ug/L	97
36) Methylcyclohexane	9.28	83	764	5.462	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	277	3.892	ug/L #	84
46) 1,1,2-Trichloroethane	10.86	97	2202	37.485	ug/L #	1
47) Tetrachloroethene	10.87	164	238999	3537.121	ug/L	99
50) Dibromochloromethane	10.94	129	304	4.155	ug/L #	11
58) 1,1,2,2-Tetrachloroethane	12.71	83	199	2.903	ug/L #	77

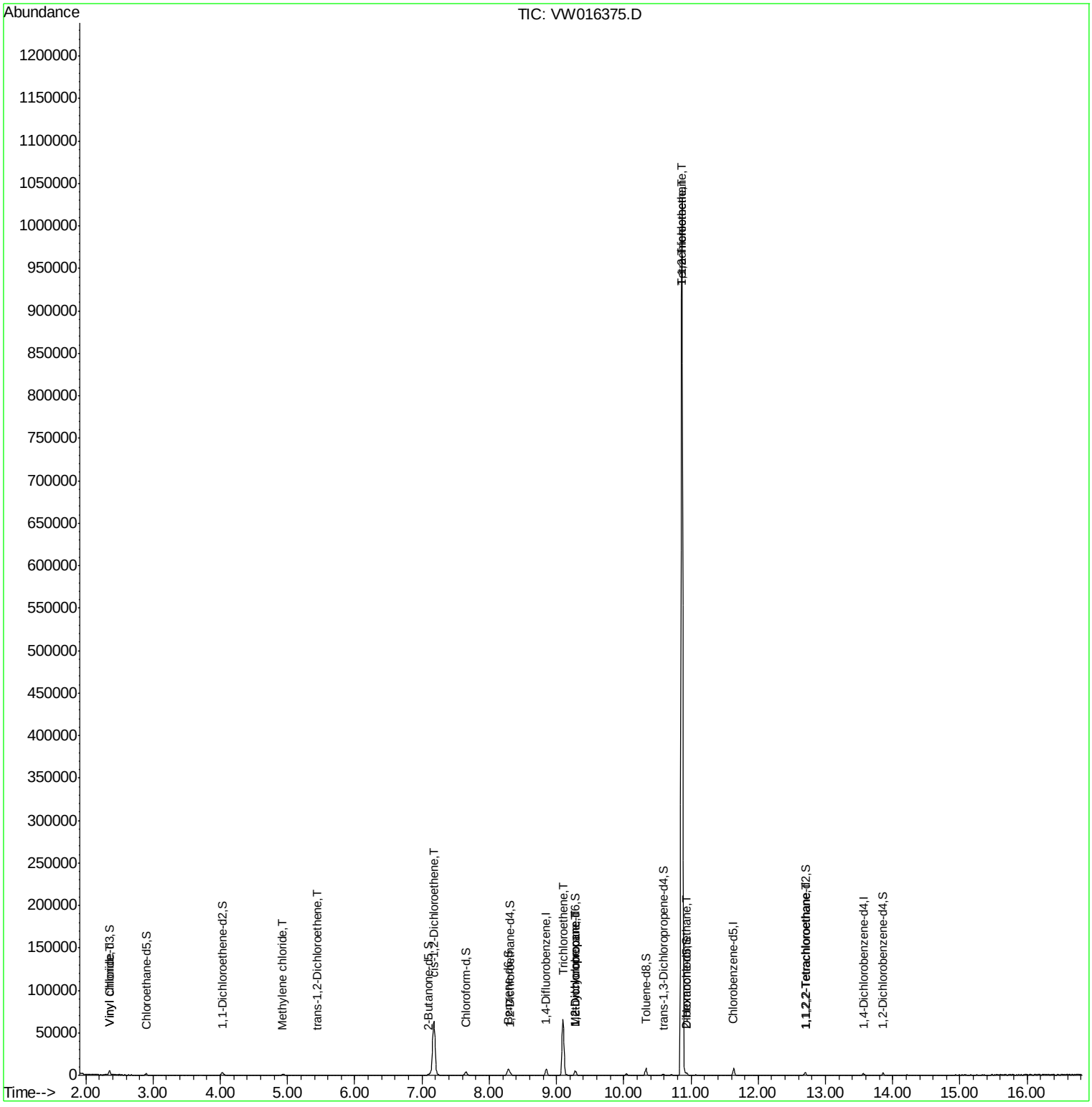
(#) = qualifier out of range (m) = manual integration (+) = signals summed

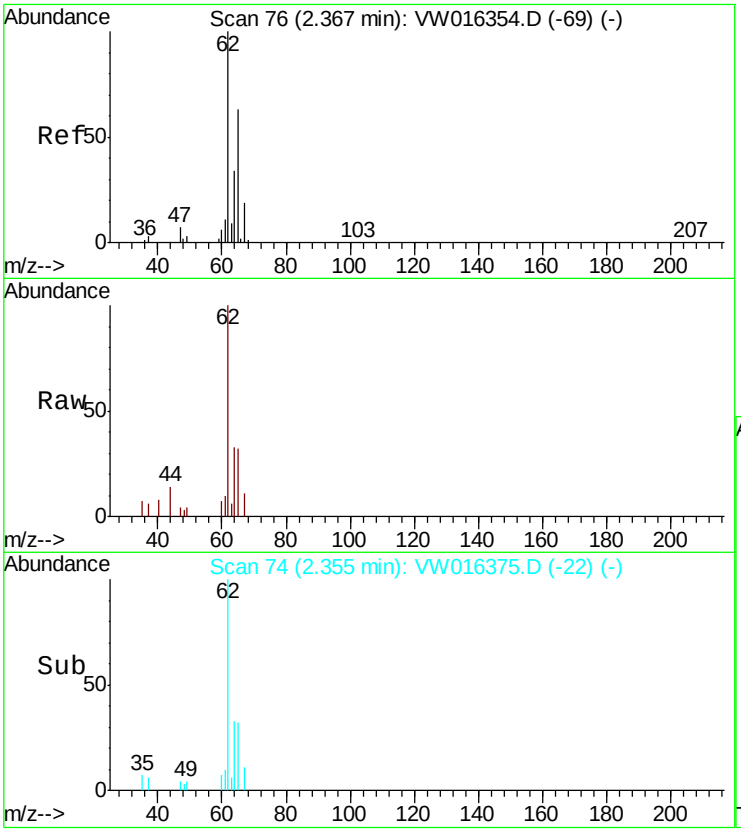
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082620\
Data File : VW016375.D
Acq On : 26 Aug 2020 18:21
Operator : SY/VA
Sample : L3800-05
Misc : 6.42G/10ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3H5

Quant Time: Aug 27 02:45:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 27 02:40:32 2020
Response via : Initial Calibration



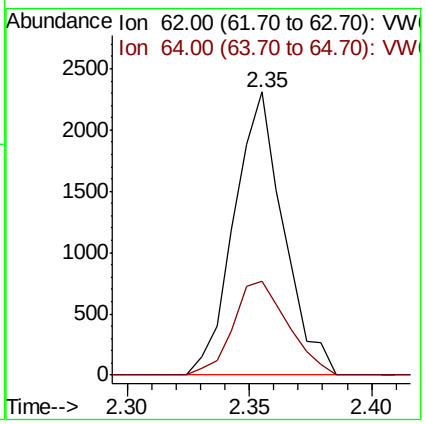


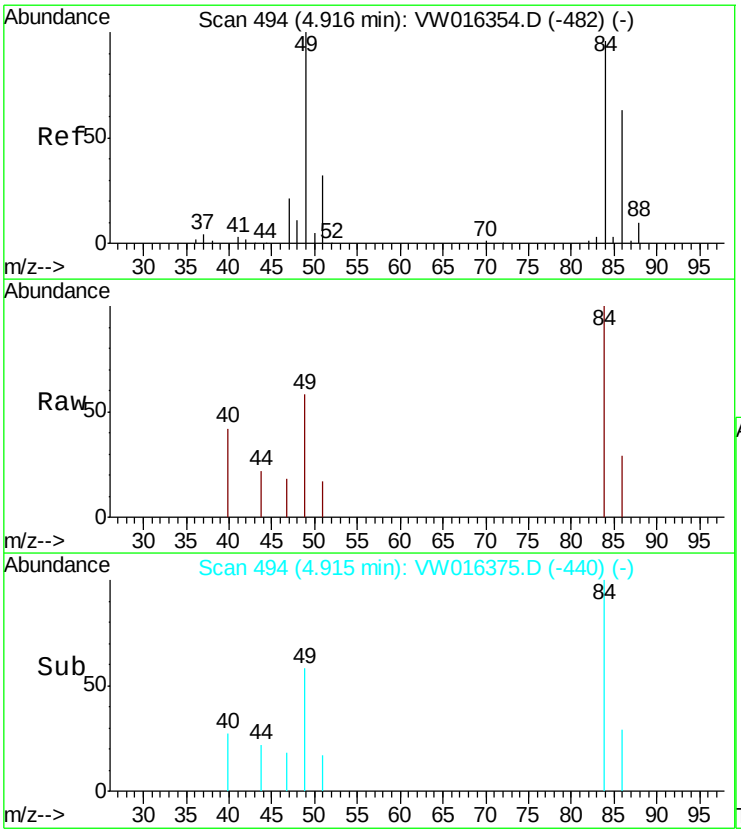
#5
Vinyl chloride
Concen: 41.649 ug/L
RT: 2.35 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Instrument : MSVOA_W
ClientSampleId : BG3H5

Tgt Ion: 62 Resp: 3244

Ion	Ratio	Lower	Upper
62	100		
64	33.3	22.0	41.0

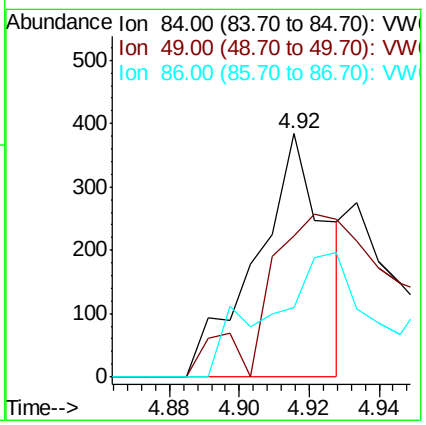


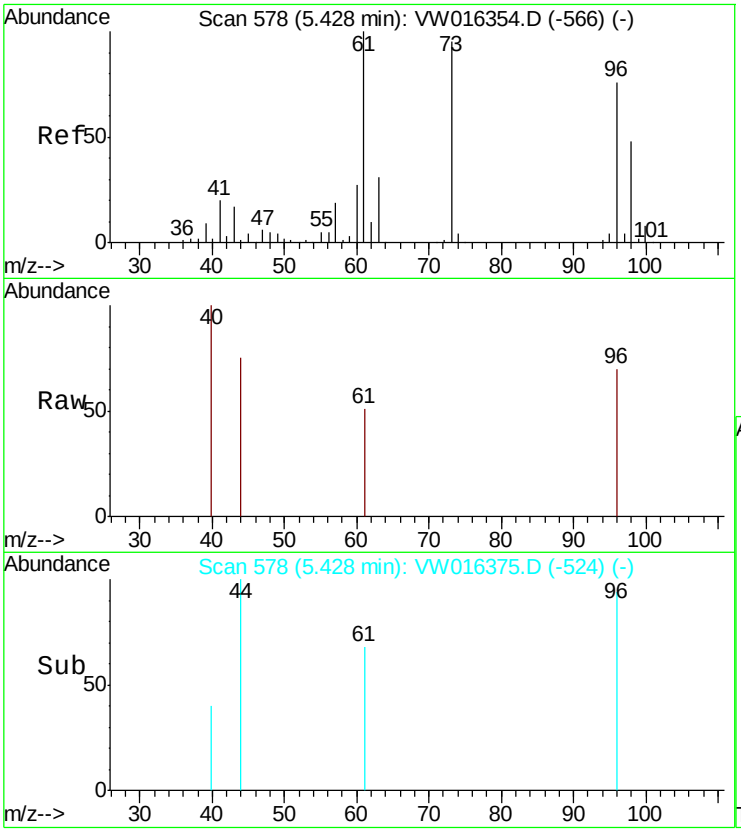


#16
Methylene chloride
Concen: 4.342 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Tgt Ion: 84 Resp: 535

Ion	Ratio	Lower	Upper
84	100		
49	57.8	75.3	139.9#
86	28.6	43.3	80.3#



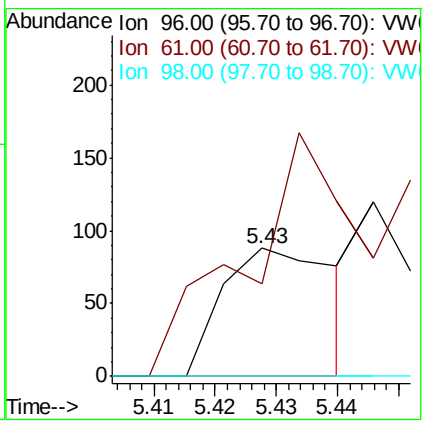


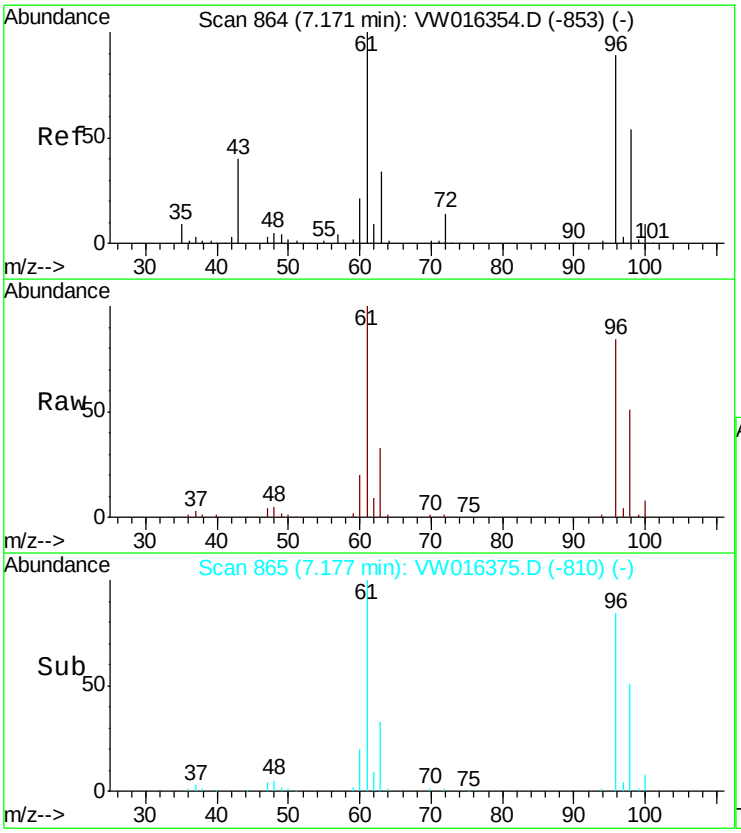
#18
trans-1,2-Dichloroethene
Concen: 1.205 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Instrument :
MSVOA_W
ClientSampleId :
BG3H5

Tgt Ion: 96 Resp: 112

Ion	Ratio	Lower	Upper
96	100		
61	72.7	89.9	167.0#
98	0.0	41.6	77.2#

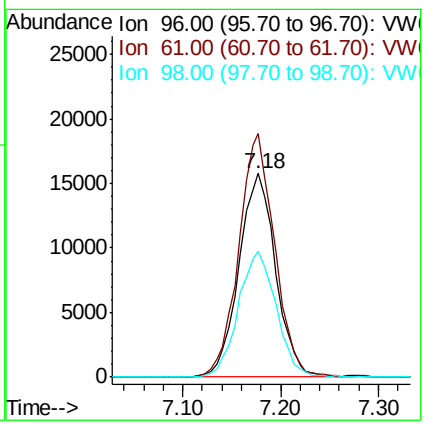


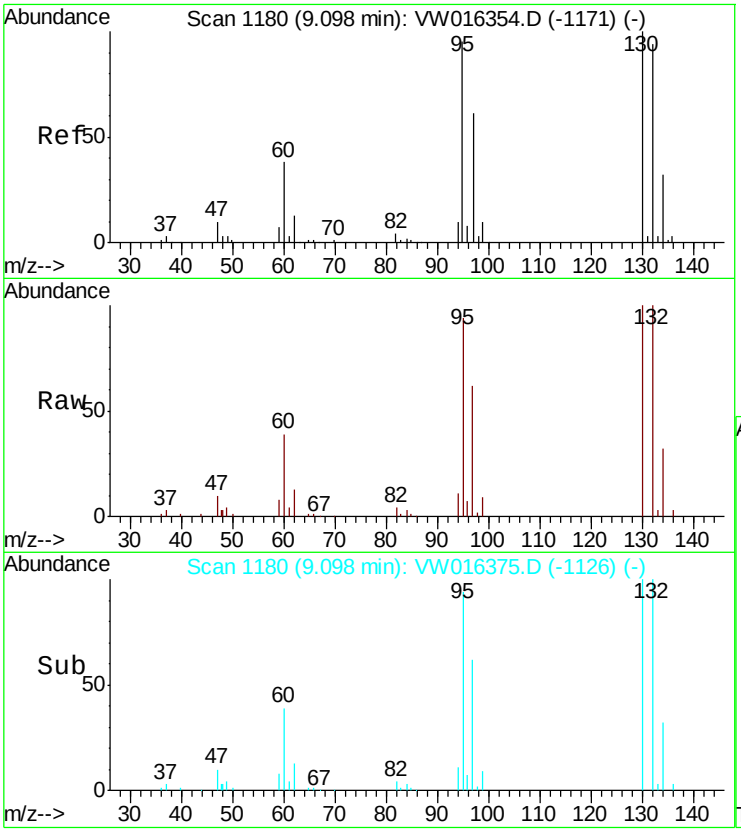


#22
cis-1,2-Dichloroethene
Concen: 421.079 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Tgt Ion: 96 Resp: 41167

Ion	Ratio	Lower	Upper
96	100		
61	119.6	84.9	157.7
98	61.6	46.8	86.8



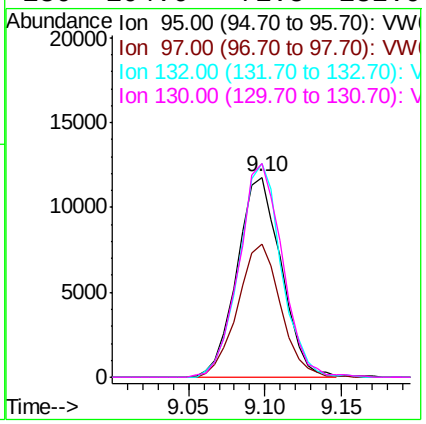


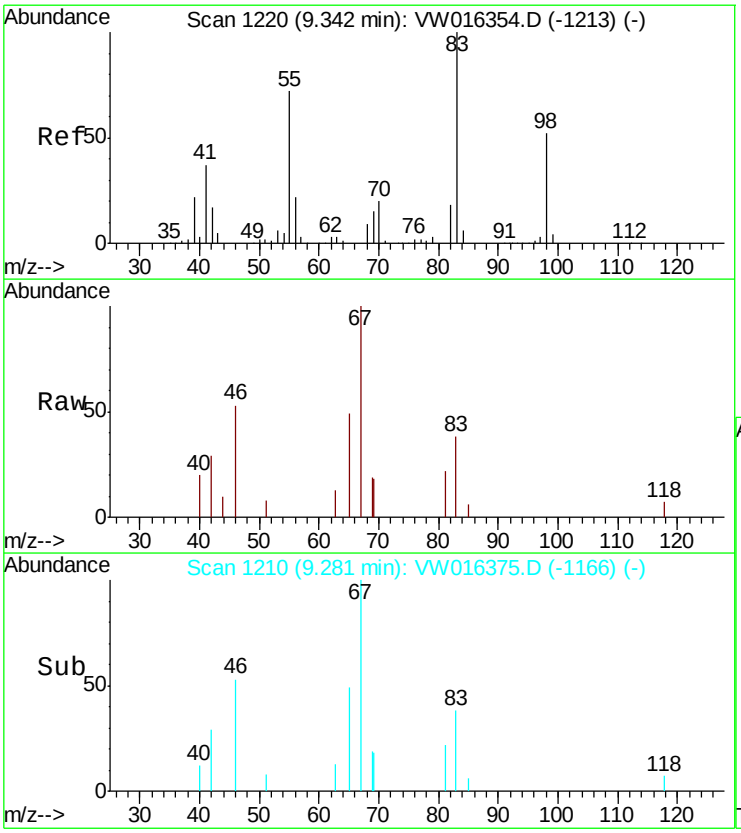
#35
Trichloroethene
Concen: 275.775 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Instrument :
MSVOA_W
ClientSampleId :
BG3H5

Tgt Ion: 95 Resp: 23630

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.9	83.5
132	102.1	68.2	126.6
130	104.6	71.5	132.9

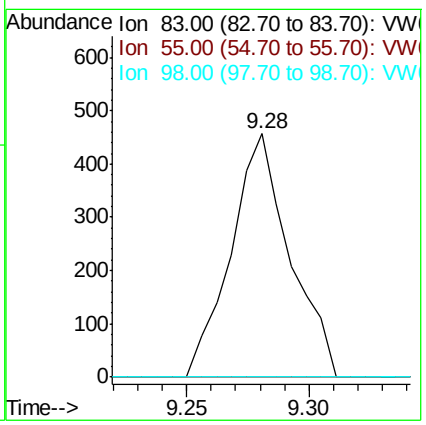


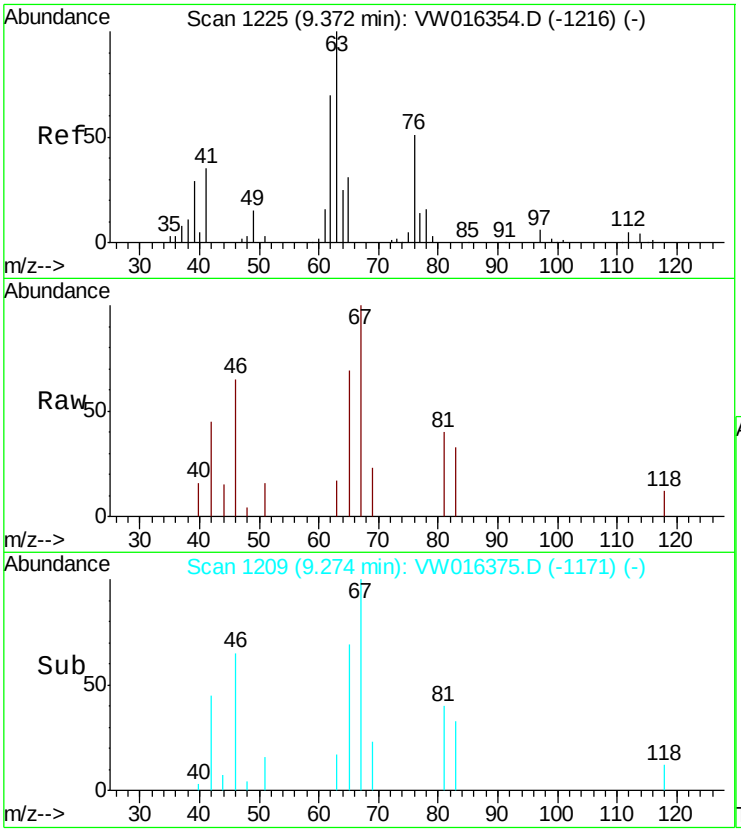


#36
Methylcyclohexane
Concen: 5.462 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Tgt Ion: 83 Resp: 764

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.6	83.4#
98	0.0	40.6	61.0#



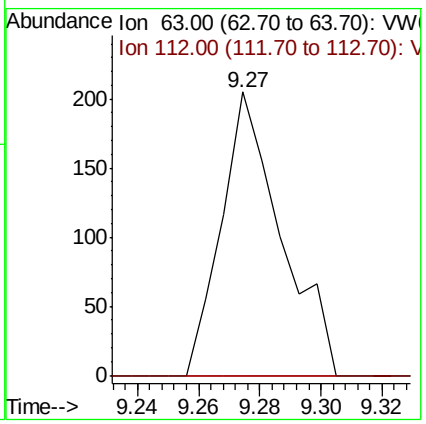


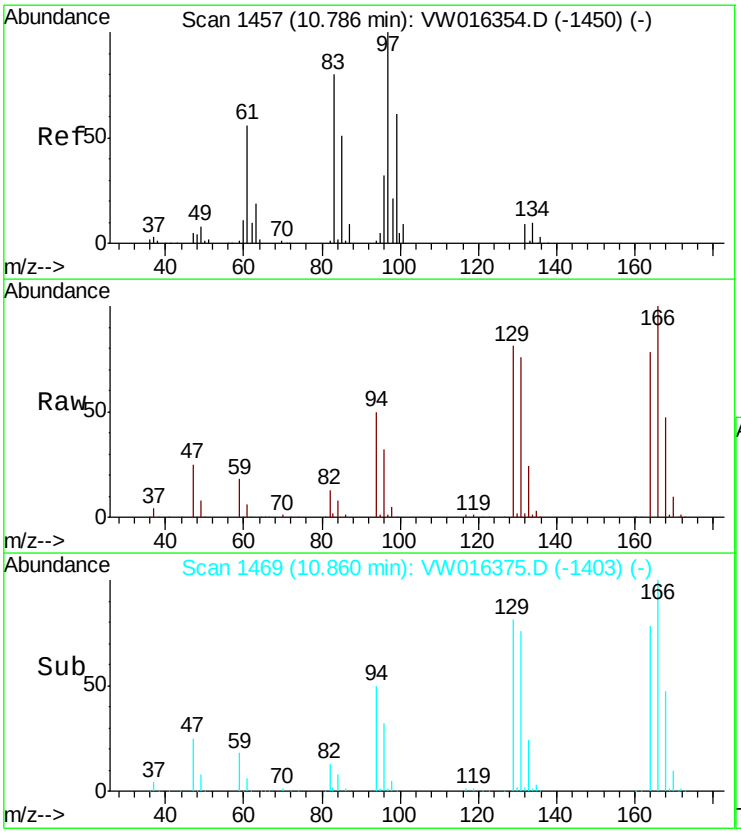
#40
1,2-Dichloropropane
Concen: 3.892 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Instrument :
MSVOA_W
ClientSampleId :
BG3H5

Tgt Ion: 63 Resp: 277

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

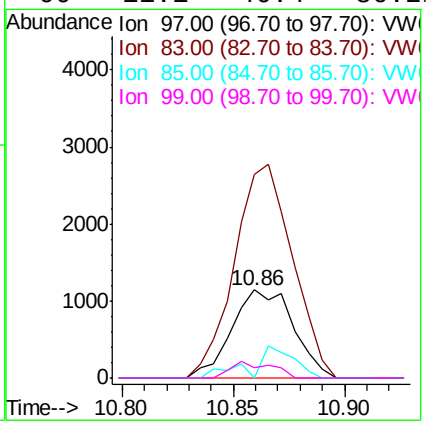


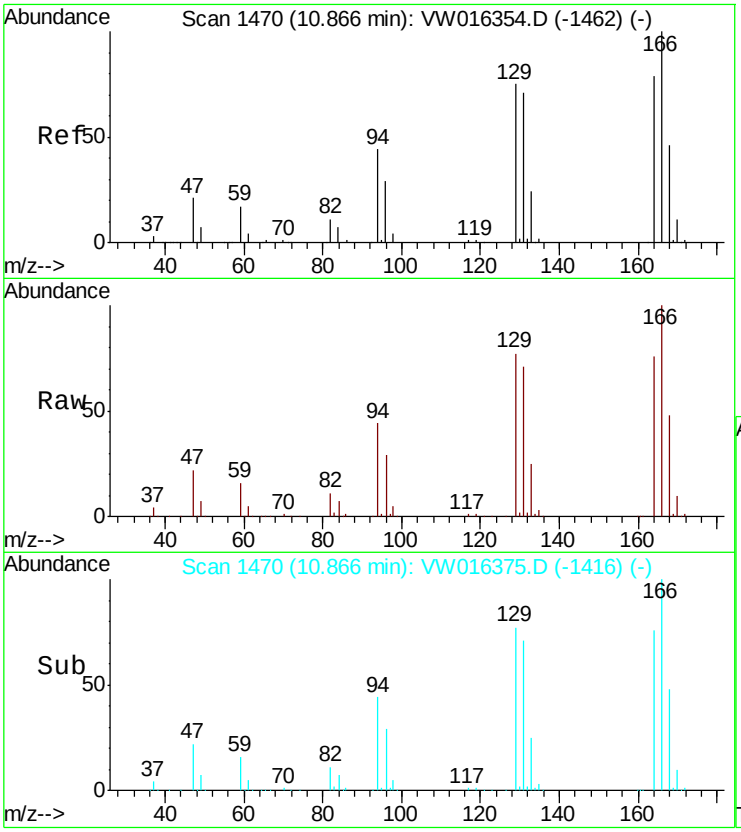


#46
1,1,2-Trichloroethane
Concen: 37.485 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.07 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Tgt Ion: 97 Resp: 2202

Ion	Ratio	Lower	Upper
97	100		
83	231.7	57.9	107.5#
85	0.0	38.8	72.0#
99	11.1	46.4	86.2#



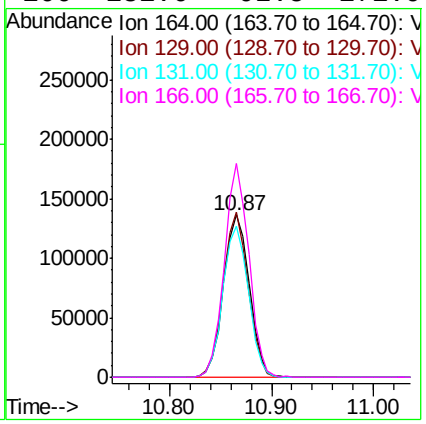


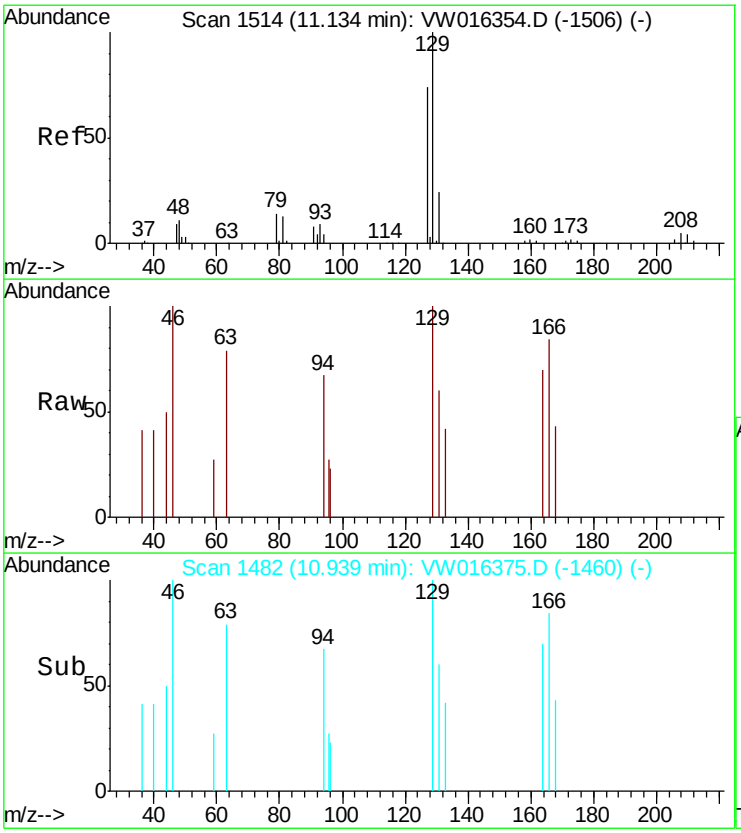
#47
Tetrachloroethene
Concen: 3537.121 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Instrument : MSVOA_W
ClientSampleId : BG3H5

Tgt Ion:164 Resp: 238999

Ion	Ratio	Lower	Upper
164	100		
129	101.9	71.5	132.7
131	92.8	67.4	125.2
166	131.6	92.5	171.9

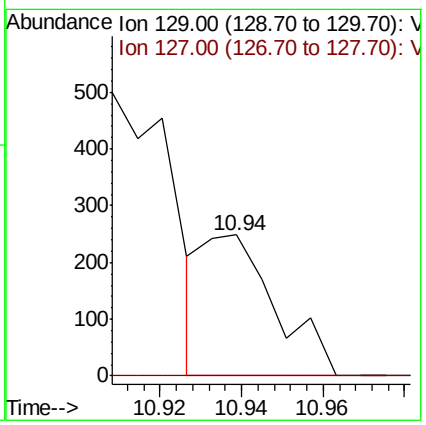


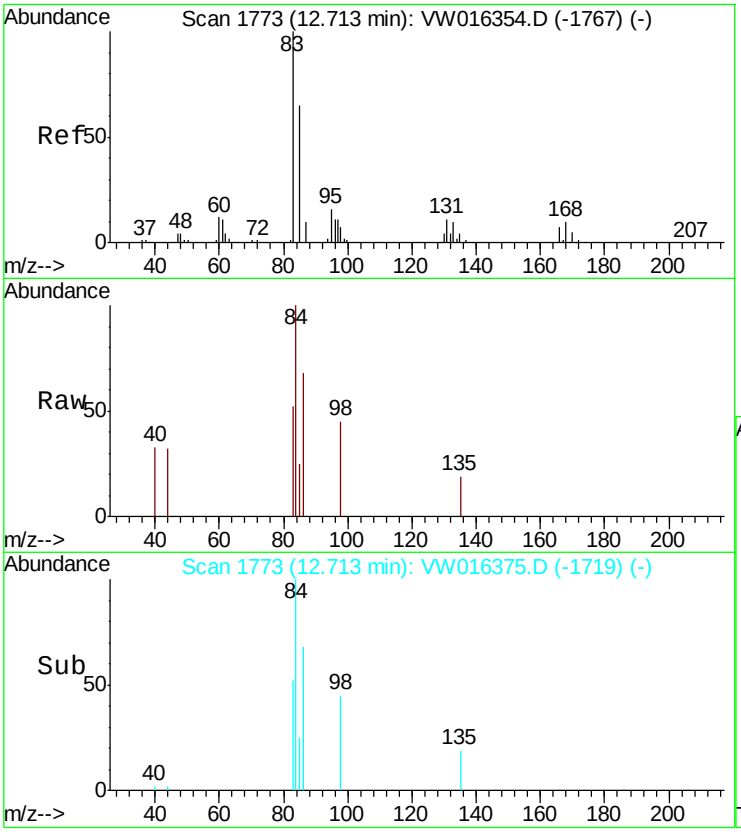


#50
Dibromochloromethane
Concen: 4.155 ug/L
RT: 10.94 min Scan# 1482
Delta R.T. -0.20 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Tgt Ion:129 Resp: 304

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#58
1,1,2,2-Tetrachloroethane
Concen: 2.903 ug/L
RT: 12.71 min Scan# 1773
Delta R.T. -0.00 min
Lab File: VW016375.D
Acq: 26 Aug 2020 18:21

Instrument :
MSVOA_W
ClientSampleId :
BG3H5

Tgt Ion: 83 Resp: 199

Ion	Ratio	Lower	Upper
83	100		
85	48.3	46.0	85.4
131	0.0	8.8	13.2#