Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090119\

Quantitation Report (Not Reviewed)

Data File : VV012510.D
Acq On : 01 Sep 2019 15:24
Operator : SY/MD
Sample : K4605-04 10X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA3

Quant Time: Sep 02 04:22:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 04:16:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	321250	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	305371	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117423	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	103867	48.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.76%			
7) Chloroethane-d5	1.58	69	123439	53.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.82%			
11) 1,1-Dichloroethene-d2	2.13	63	195005	33.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.44%			
21) 2-Butanone-d5	3.94	46	187405	104.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.82%			
24) Chloroform-d	4.40	84	212044	48.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.16%			
26) 1,2-Dichloroethane-d4	5.08	65	145678	51.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.68%			
32) Benzene-d6	5.10	84	377606	52.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.46%			
36) 1,2-Dichloropropane-d6	6.12	67	135011	51.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.14%			
41) Toluene-d8	7.36	98	340369	50.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.66%			
43) trans-1,3-Dichloropropene-	7.66	79	57008	48.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.26%			
47) 2-Hexanone-d5	8.14	63	106729	103.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.87%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	183660	49.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	127533	56.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.08%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	4531	1.272	ug/L #	34
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2373	0.766	ug/L #	46
12) 1,1-Dichloroethene	2.14	96	2487	0.842	ug/L #	1
17) trans-1,2-Dichloroethene	2.80	96	1787	0.777	ug/L	83
27) 1,2-Dichloroethane	5.09	62	2888	0.725	ug/L	96
34) Trichloroethene	5.96	95	421585	162.983	ug/L	97
44) trans-1,3-Dichloropropene	7.66	75	3615	1.100	ug/L	84
46) Tetrachloroethene	8.02	164	151706	86.069	ug/L	98
48) 2-Hexanone	8.19	43	6860	2.452	ug/L #	86
58) 1,1,2,2-Tetrachloroethane	10.26	83	1807	0.503	ug/L #	1
62) 1,3-Dichlorobenzene	11.23	146	1401	0.380	ug/L #	88
63) 1,4-Dichlorobenzene	11.32	146	1767	0.459	ug/L #	85

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

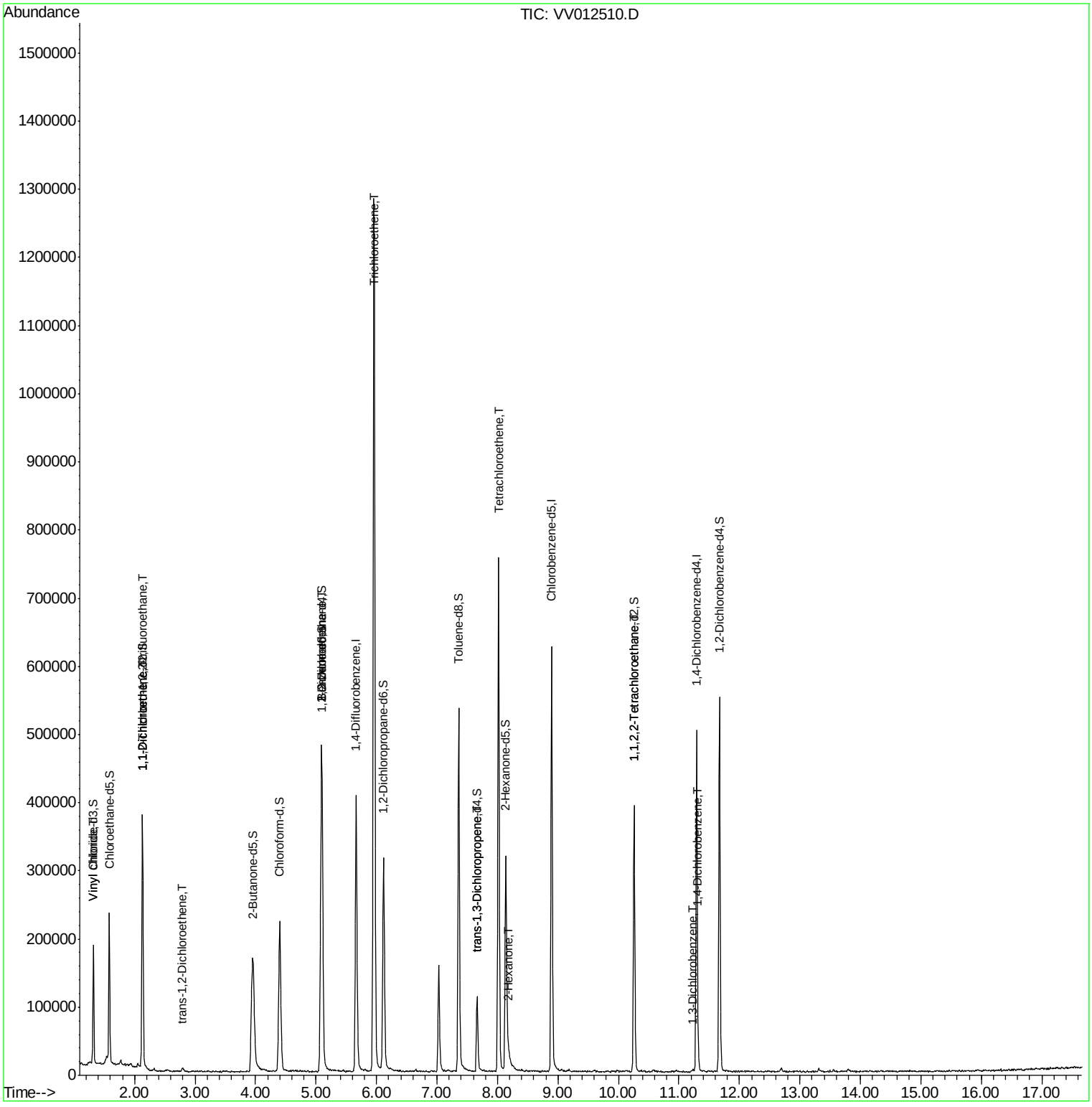
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090119\

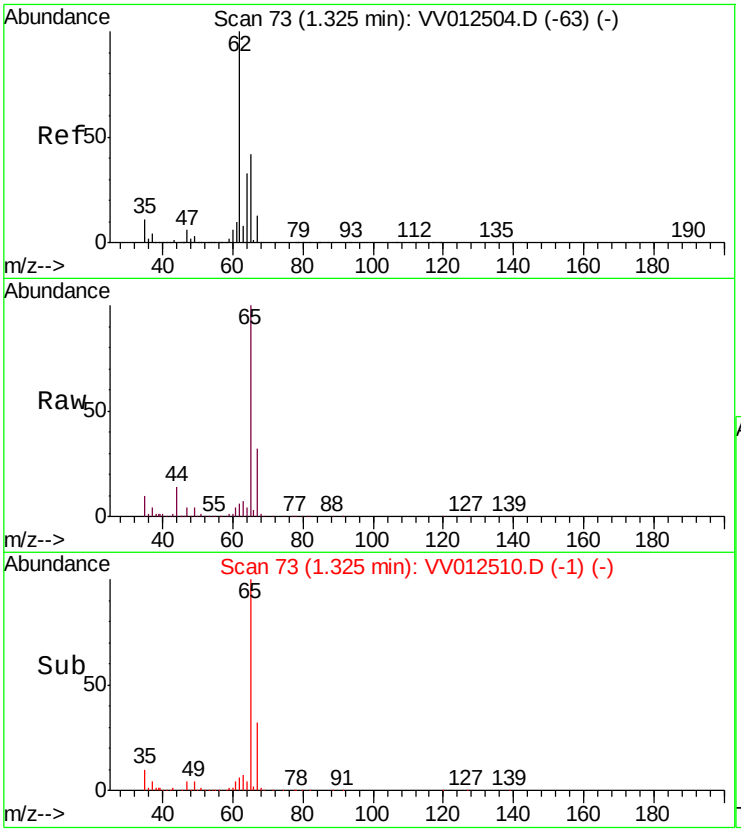
Quantitation Report (Not Reviewed)

Data File : VV012510.D
Acq On : 01 Sep 2019 15:24
Operator : SY/MD
Sample : K4605-04 10X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Quant Time: Sep 02 04:22:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 04:16:56 2019
Response via : Initial Calibration



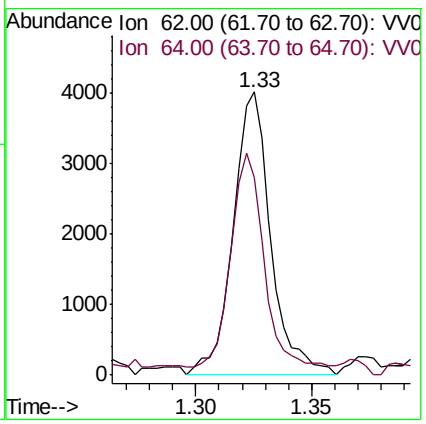


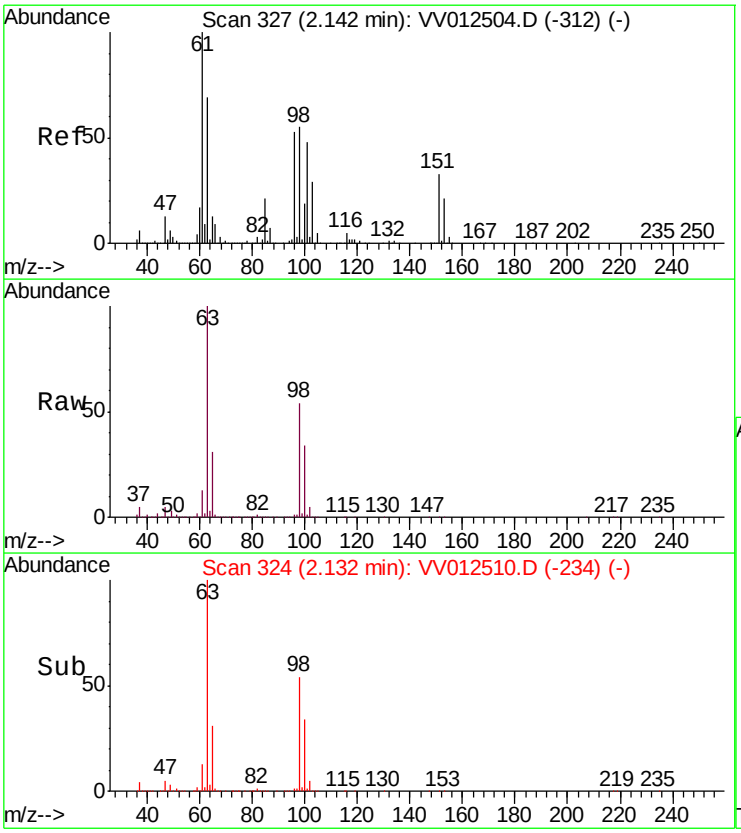
#5
Vinyl chloride
Concen: 1.272 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Instrument : MSVOA_V
ClientSampleId : C0AA3

Tgt Ion: 62 Resp: 4531

Ion	Ratio	Lower	Upper
62	100		
64	69.8	22.9	42.5#

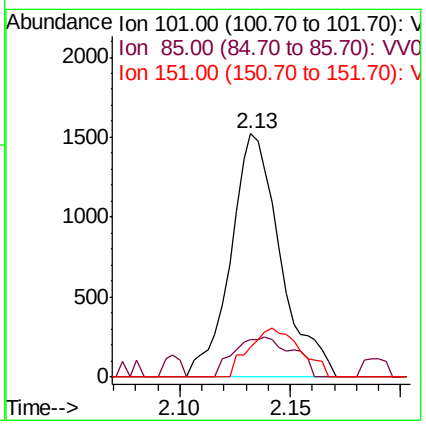


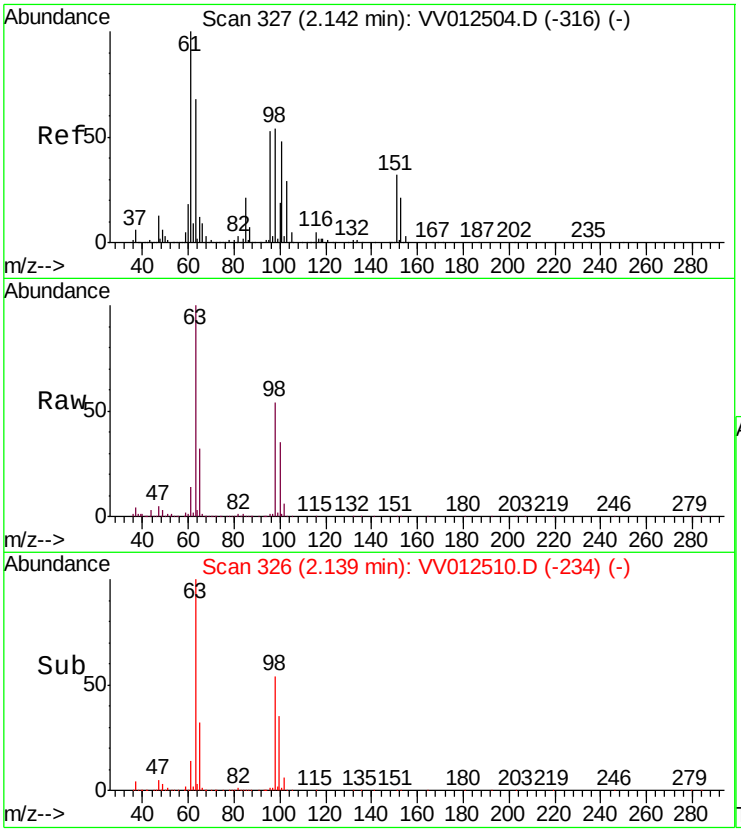


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.766 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Tgt Ion:101 Resp: 2373

Ion	Ratio	Lower	Upper
101	100		
85	15.8	36.2	54.2#
151	19.8	54.8	82.2#



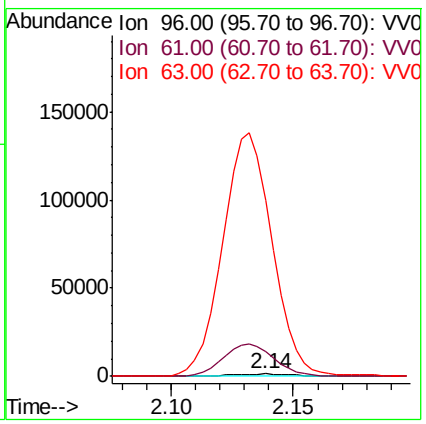


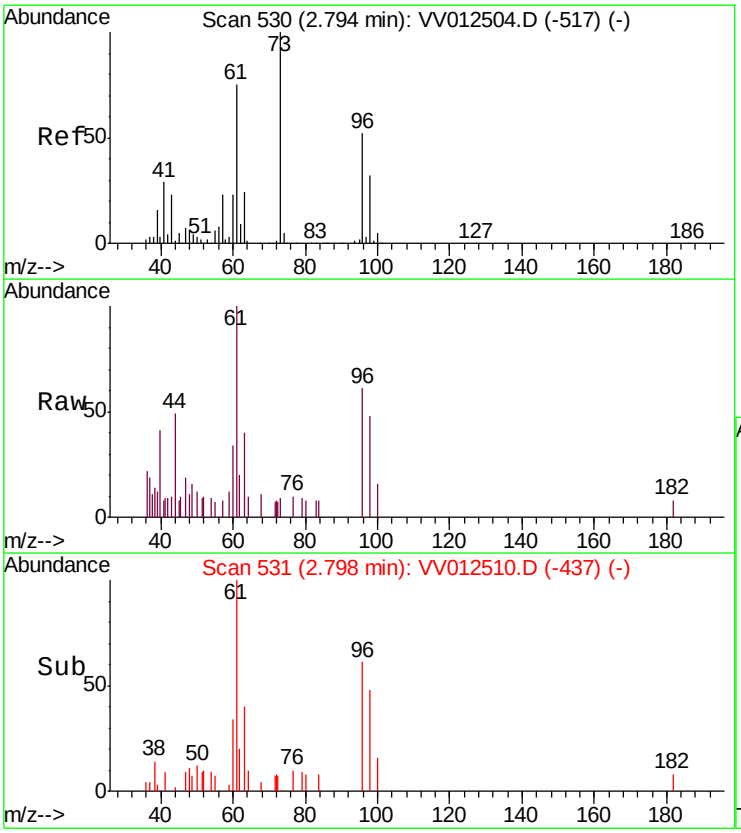
#12
1,1-Dichloroethene
Concen: 0.842 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Instrument : MSVOA_V
ClientSampleId : C0AA3

Tgt Ion: 96 Resp: 2487

Ion	Ratio	Lower	Upper
96	100		
61	969.8	132.4	246.0#
63	6969.0	92.0	170.9#

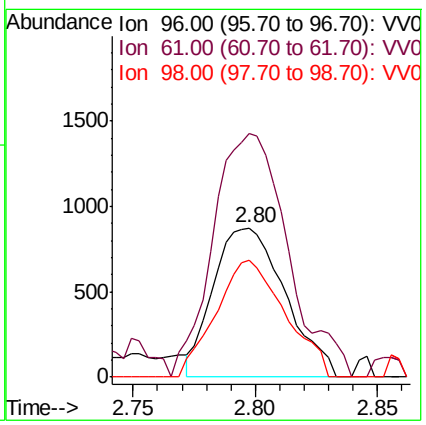


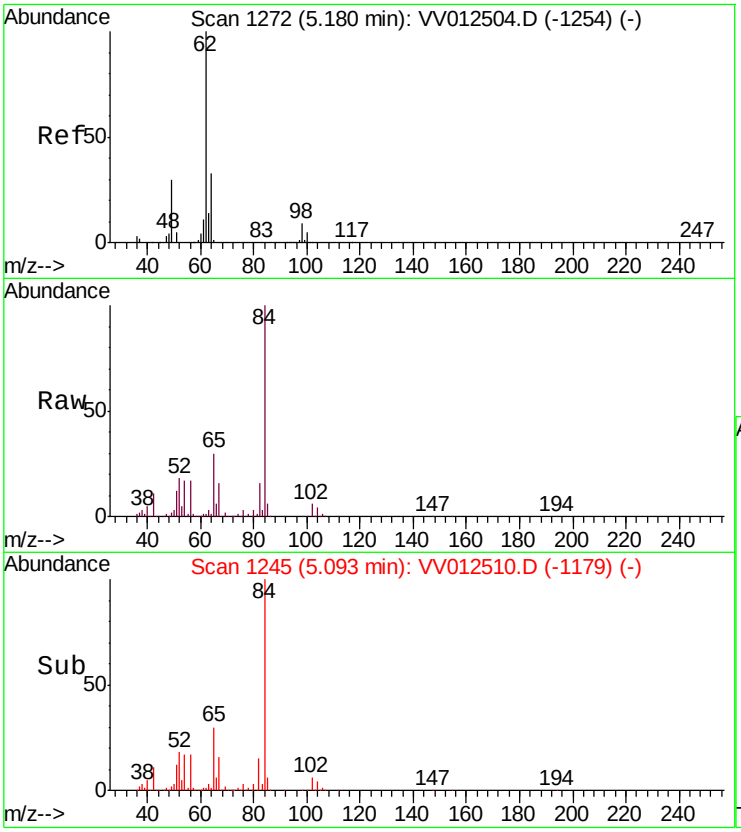


#17
trans-1,2-Dichloroethene
Concen: 0.777 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Tgt Ion: 96 Resp: 1787

Ion	Ratio	Lower	Upper
96	100		
61	163.1	101.4	188.2
98	78.4	43.3	80.5



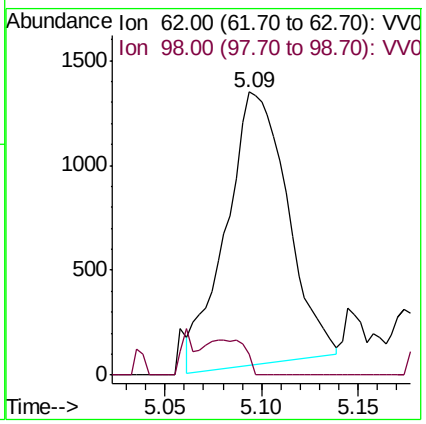


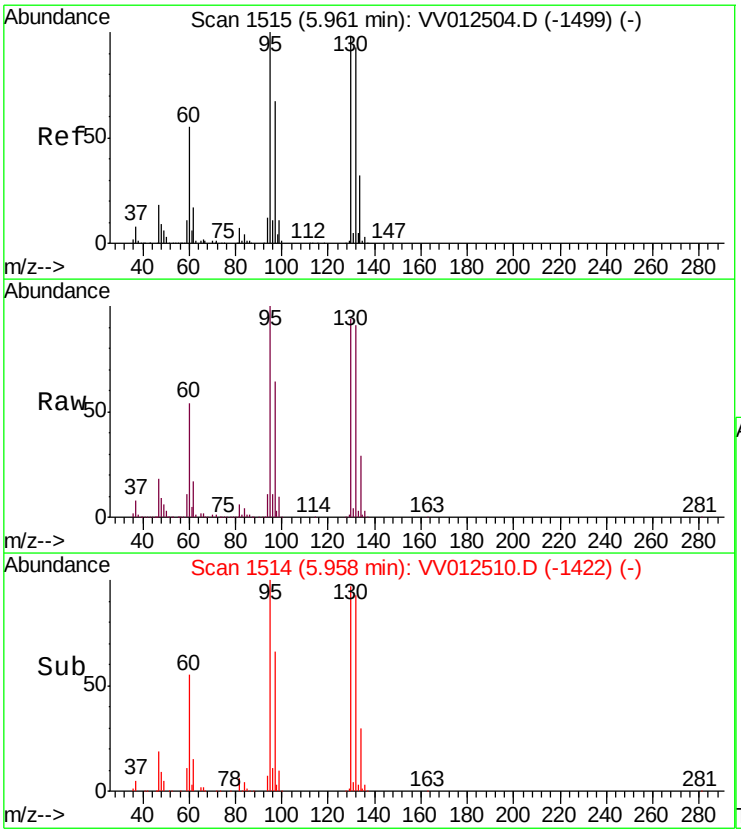
#27
1,2-Dichloroethane
Concen: 0.725 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Tgt Ion: 62 Resp: 2888

Ion	Ratio	Lower	Upper
62	100		
98	7.6	7.3	10.9

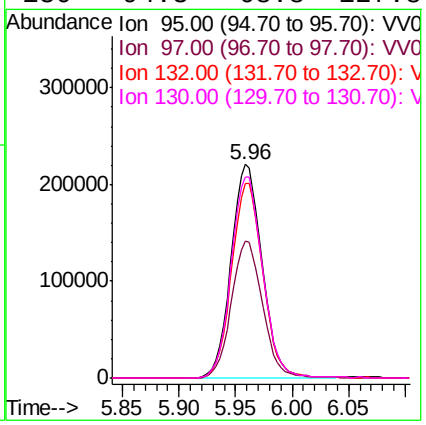


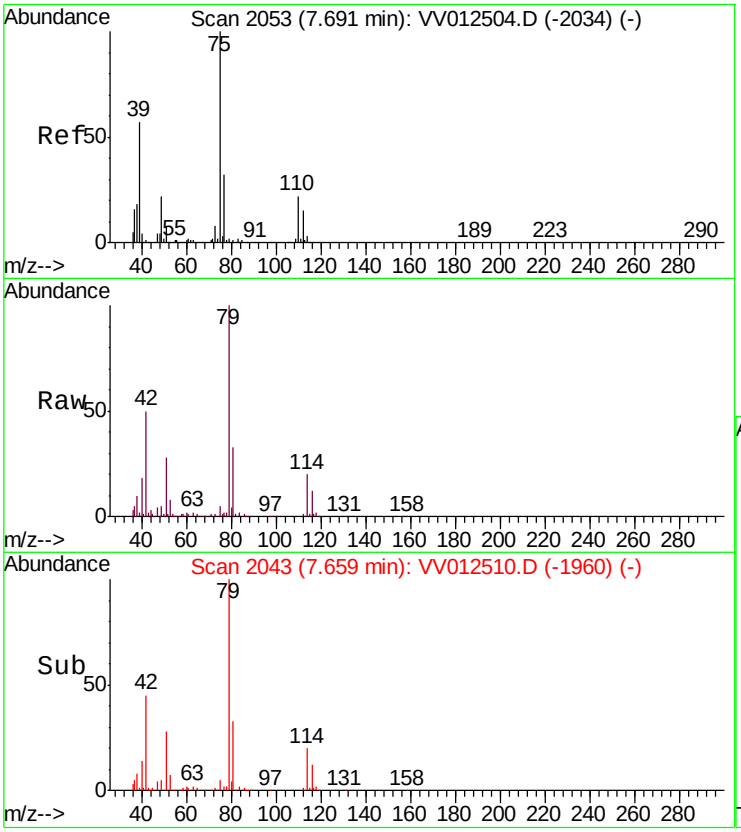


#34
Trichloroethene
Concen: 162.983 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Tgt Ion: 95 Resp: 421585

Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.8	86.8
132	90.8	64.9	120.5
130	94.3	68.8	127.8



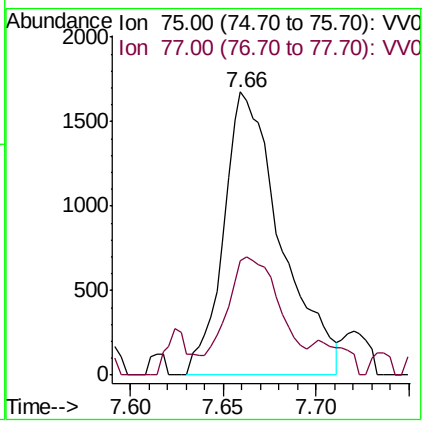


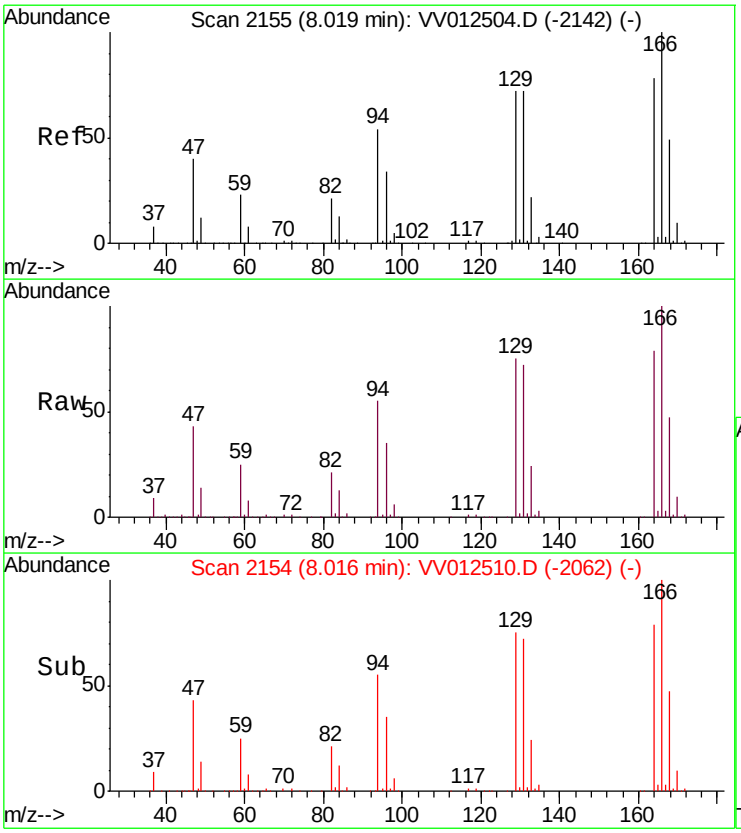
#44
trans-1,3-Dichloropropene
Concen: 1.100 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Instrument : MSVOA_V
ClientSampleId : C0AA3

Tgt Ion: 75 Resp: 3615

Ion	Ratio	Lower	Upper
75	100		
77	40.5	22.3	41.3

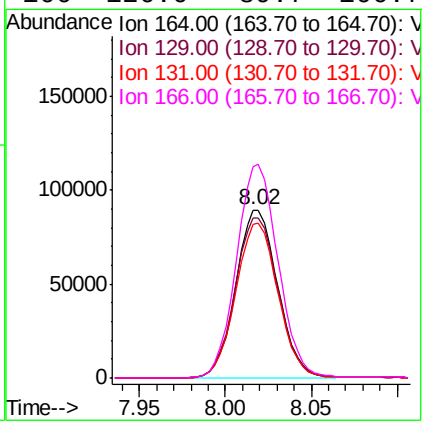


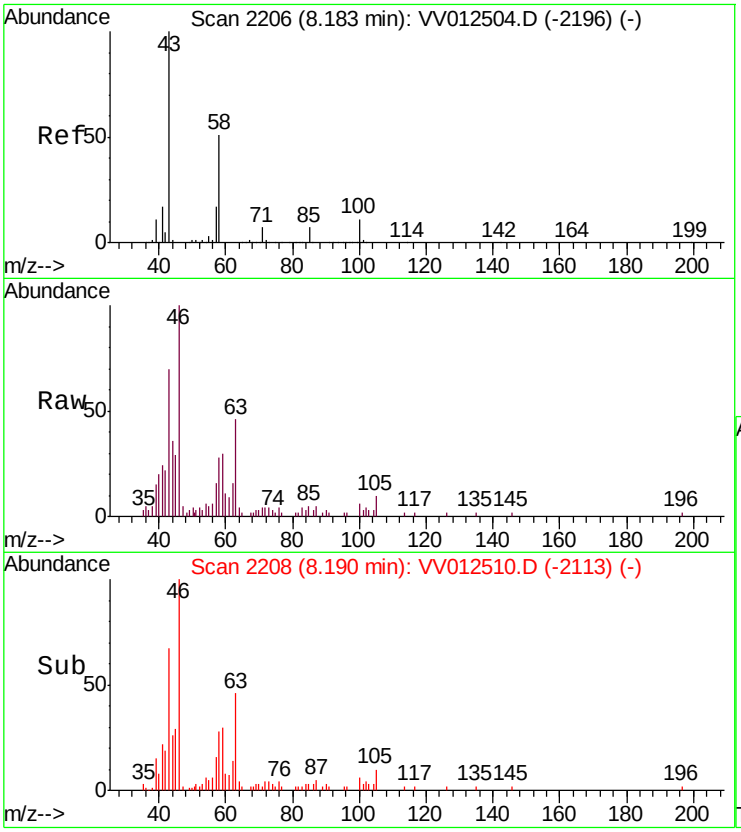


#46
Tetrachloroethene
Concen: 86.069 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Tgt Ion:164 Resp: 151706

Ion	Ratio	Lower	Upper
164	100		
129	95.0	64.8	120.4
131	91.2	64.3	119.5
166	126.0	89.7	166.7



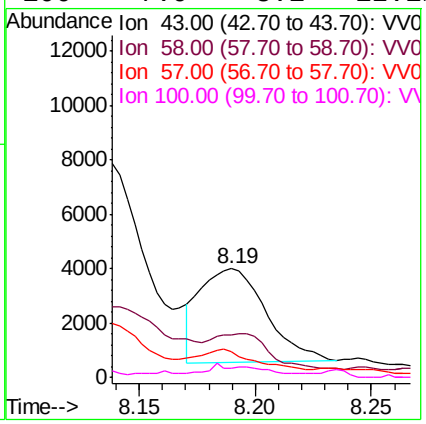


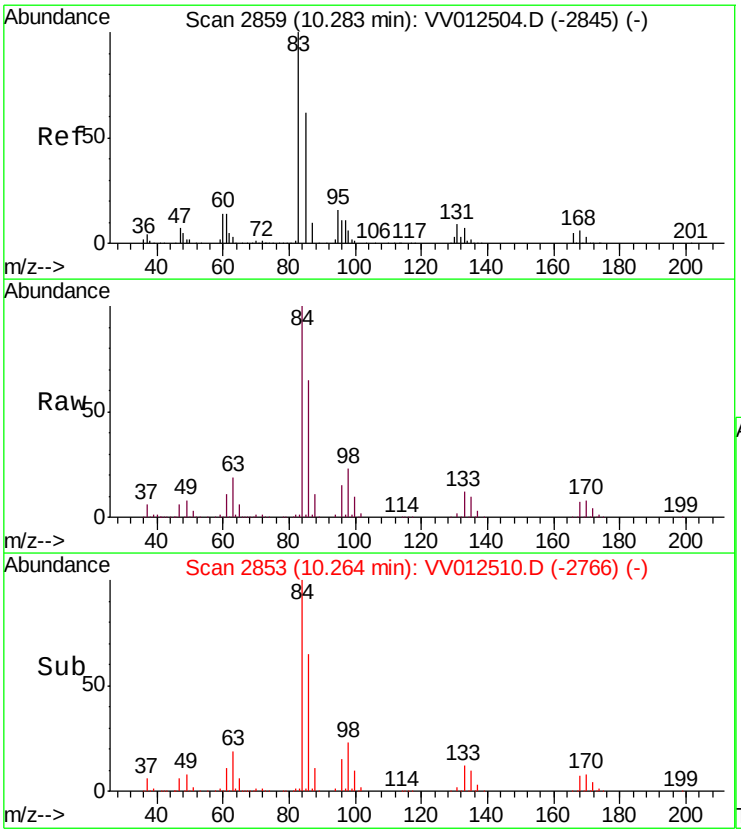
#48
2-Hexanone
Concen: 2.452 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Instrument : MSVOA_V
ClientSampleId : C0AA3

Tgt Ion: 43 Resp: 6860

Ion	Ratio	Lower	Upper
43	100		
58	37.4	40.6	61.0#
57	17.9	13.3	19.9
100	7.9	8.1	12.1#

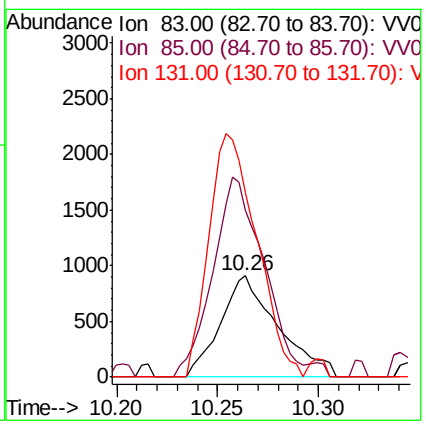


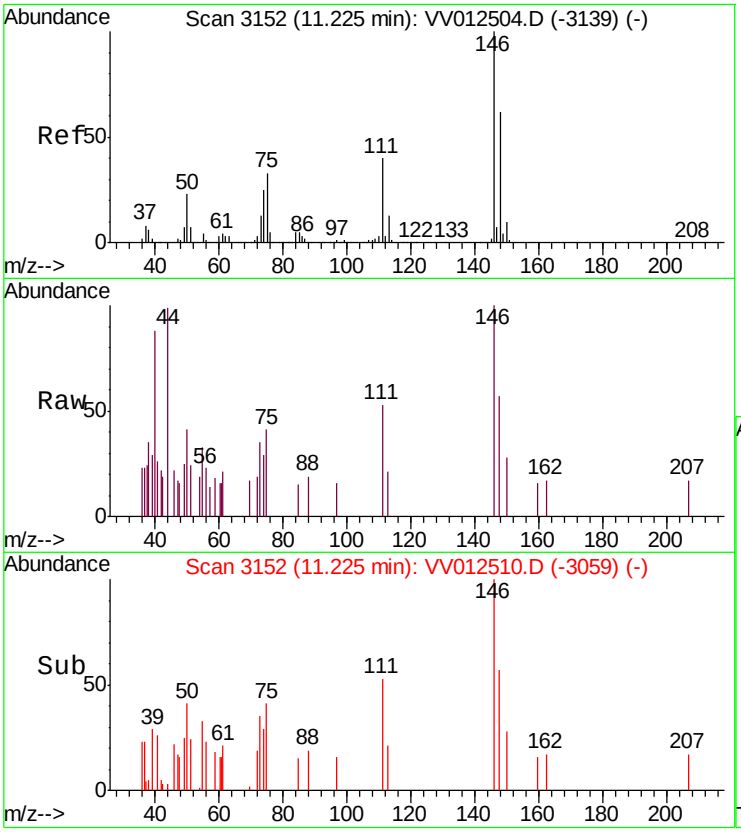


#58
1,1,2,2-Tetrachloroethane
Concen: 0.503 ug/L
RT: 10.26 min Scan# 2853
Delta R.T. -0.02 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Tgt Ion: 83 Resp: 1807

Ion	Ratio	Lower	Upper
83	100		
85	165.7	43.4	80.6#
131	183.2	7.1	10.7#



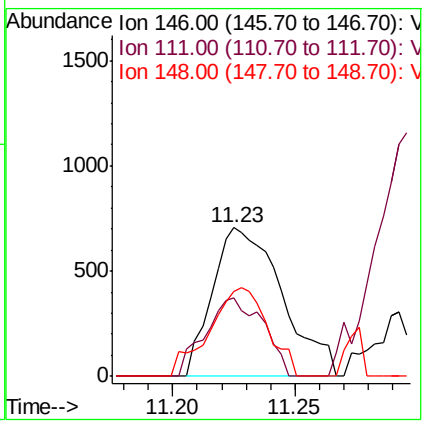


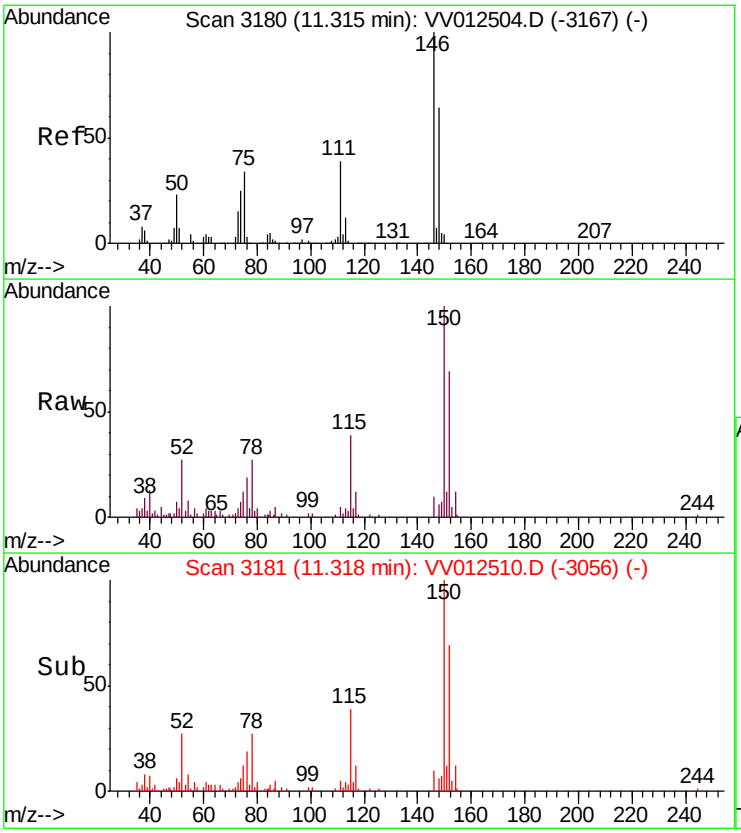
#62
1,3-Dichlorobenzene
Concen: 0.380 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Instrument : MSVOA_V
ClientSampleId : C0AA3

Tgt Ion:146 Resp: 1401

Ion	Ratio	Lower	Upper
146	100		
111	53.1	27.7	51.5#
148	57.2	43.4	80.6





#63
1,4-Dichlorobenzene
Concen: 0.459 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV012510.D
Acq: 01 Sep 2019 15:24

Tgt Ion:146 Resp: 1767

Ion	Ratio	Lower	Upper
146	100		
111	52.9	27.6	51.4#
148	55.1	44.6	82.8