Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121919\

Quantitation Report (Not Reviewed)

Data File : VV014131.D
Acq On : 19 Dec 2019 15:48
Operator : SY/MD
Sample : K6286-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDX9

Quant Time: Dec 20 07:15:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 07:12:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	246518	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	248468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	112401	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	65666	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	1.58	69	65949	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.13	63	85189	3.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.40%			
20) 2-Butanone-d5	3.92	46	303020	95.53	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 191.06%#			
24) Chloroform-d	4.40	84	151860	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.08	65	86128	5.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.60%			
32) Benzene-d6	5.10	84	255861	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.80%			
36) 1,2-Dichloropropane-d6	6.11	67	91381	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.36	98	181783	3.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 60.40%#			
43) trans-1,3-Dichloropropene-	7.66	79	33358	4.49	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.80%			
46) 2-Hexanone-d5	8.13	63	204537	74.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 149.14%#			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	95829	7.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 144.60%#			
64) 1,2-Dichlorobenzene-d4	11.67	152	91662	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	1612	0.112	ug/L	96
5) Vinyl chloride	1.33	62	1697	0.115	ug/L #	16
12) 1,1-Dichloroethene	2.14	96	2467	0.208	ug/L #	1
13) Acetone	2.29	43	3214	1.449	ug/L	91
14) Carbon disulfide	2.32	76	2967	0.108	ug/L #	83
17) Methyl tert-butyl Ether	2.80	73	2641	0.081	ug/L #	15
22) cis-1,2-Dichloroethene	3.96	96	39308	2.505	ug/L #	93
34) Trichloroethene	5.96	95	177465	10.555	ug/L	96
37) 1,2-Dichloropropane	6.12	63	10497	0.670	ug/L #	91
47) Tetrachloroethene	8.02	164	2669	0.183	ug/L	88
48) 2-Hexanone	8.18	43	8108	1.243	ug/L #	39
63) 1,4-Dichlorobenzene	11.31	146	2240	0.067	ug/L #	77

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121919\

Quantitation Report (Not Reviewed)

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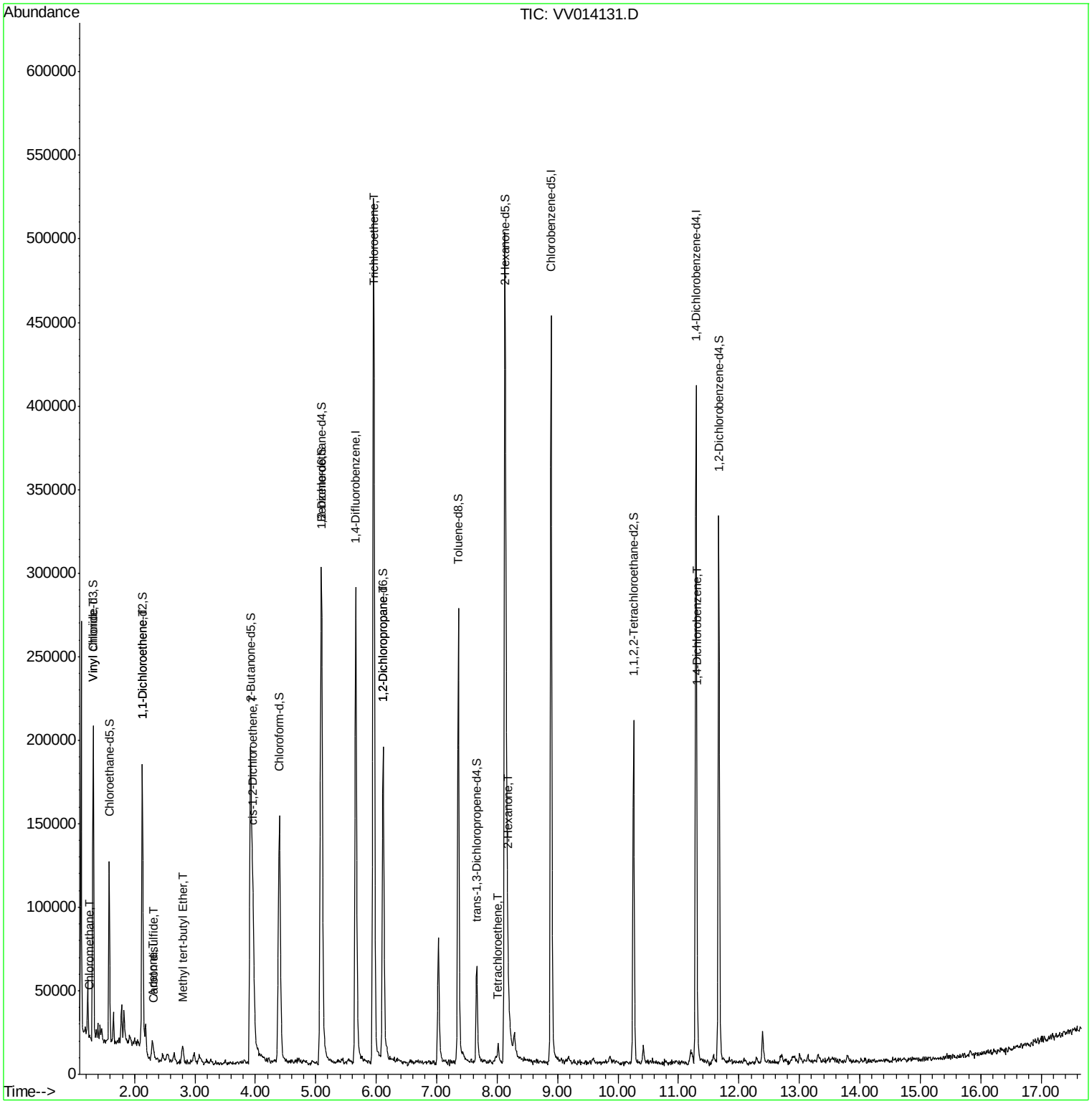
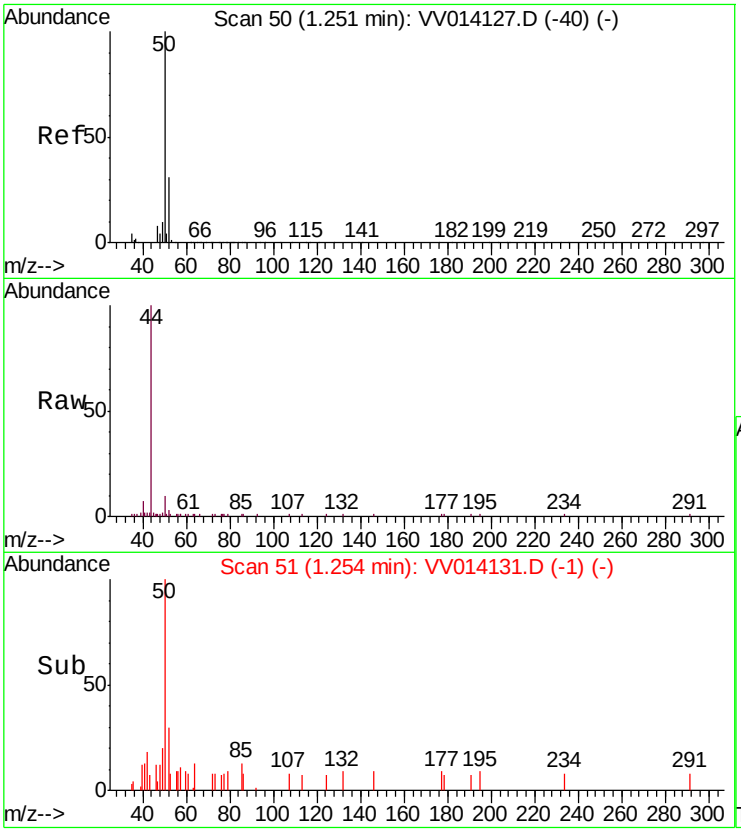
Quant Time: Dec 20 07:15:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 07:12:45 2019
Response via : Initial Calibration



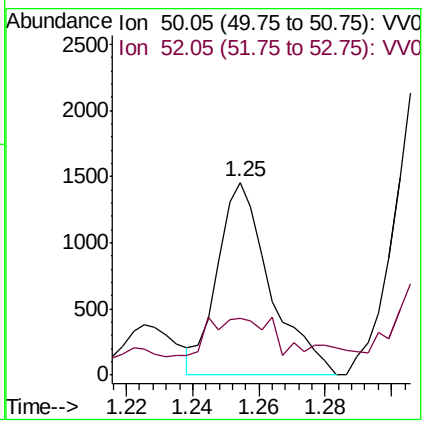


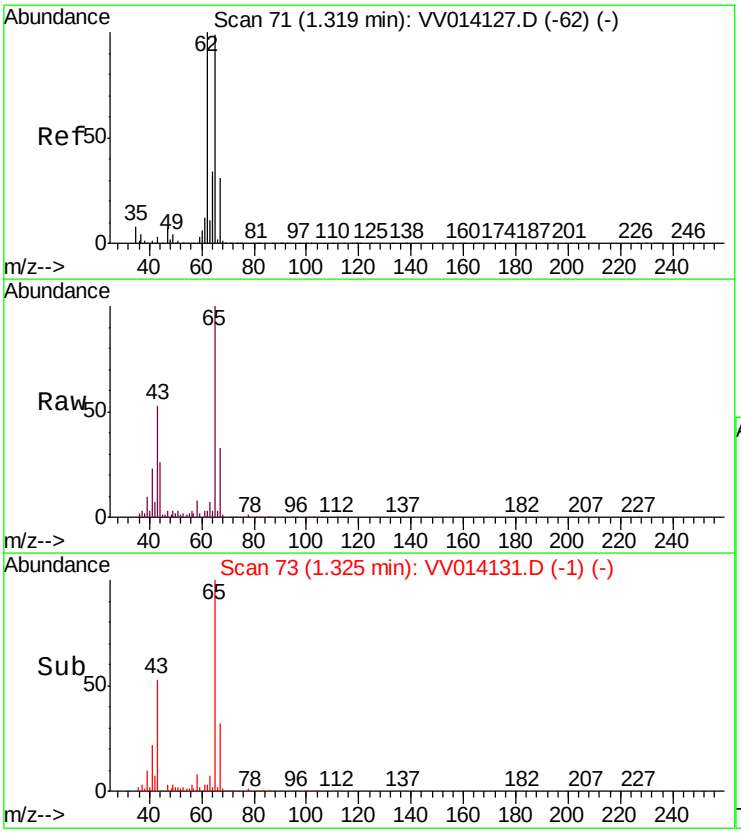
#3
Chloromethane
Concen: 0.112 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Instrument :
MSVOA_V
ClientSampleId :
BFDX9

Tgt Ion: 50 Resp: 1612

Ion	Ratio	Lower	Upper
50	100		
52	29.7	22.5	41.7

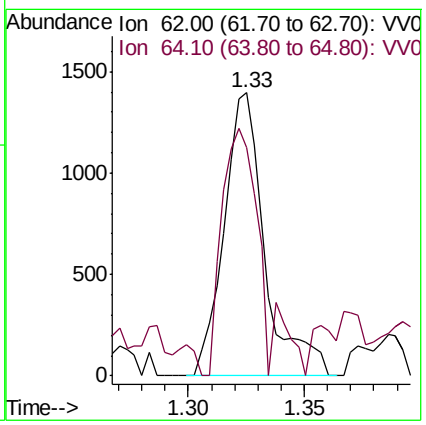


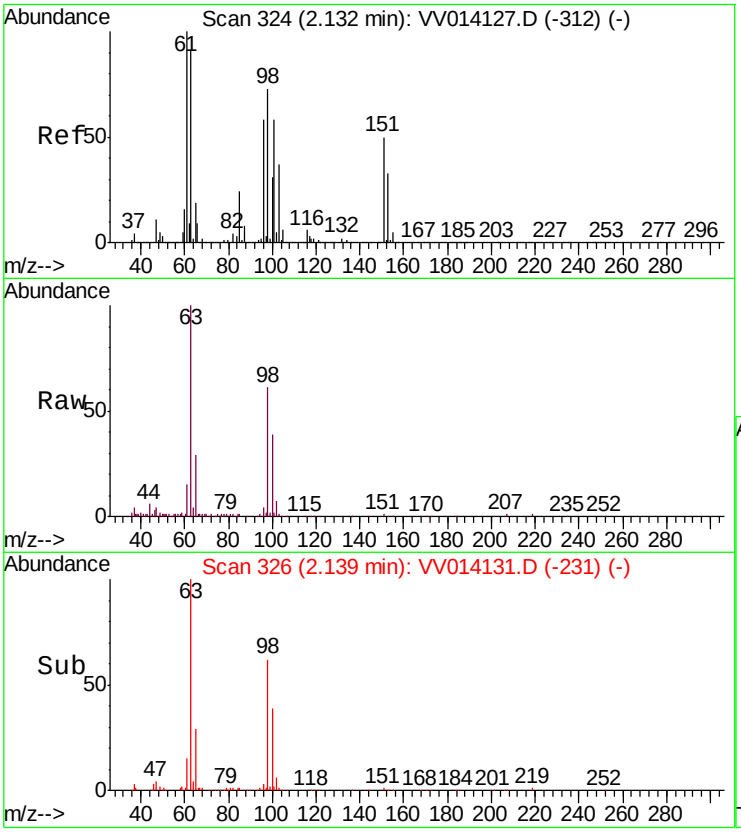


#5
Vinyl chloride
Concen: 0.115 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.01 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Tgt Ion: 62 Resp: 1697

Ion	Ratio	Lower	Upper
62	100		
64	80.7	23.3	43.3#



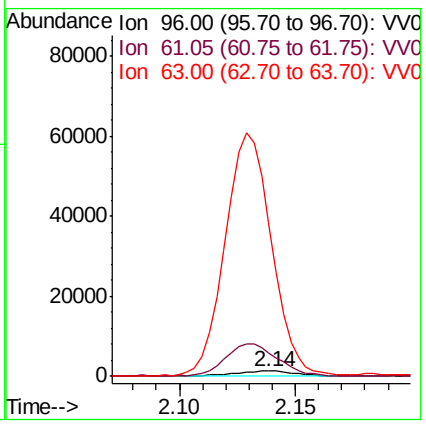


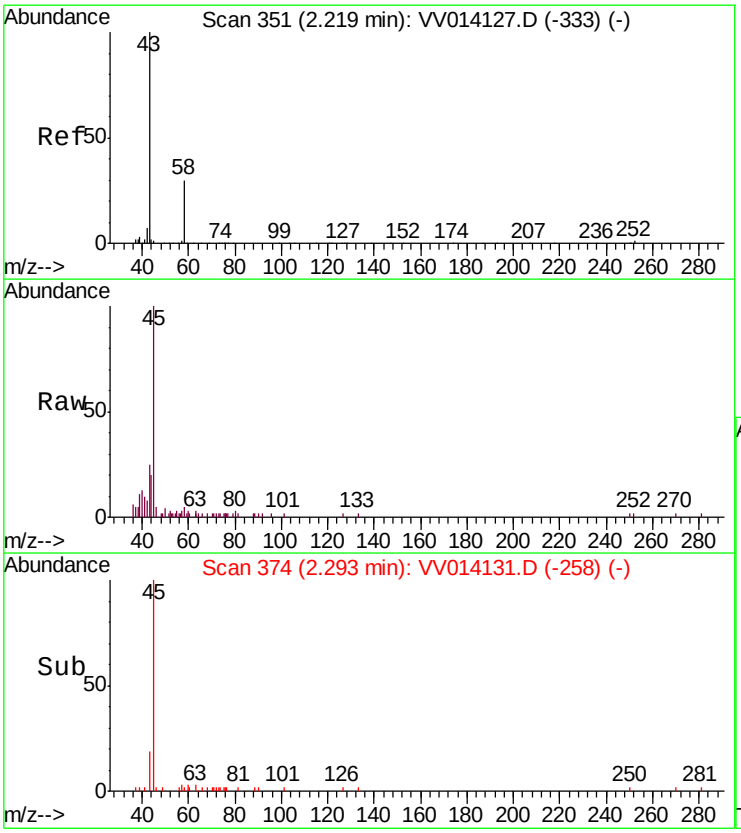
#12
1,1-Dichloroethene
Concen: 0.208 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Instrument :
MSVOA_V
ClientSampleId :
BFDX9

Tgt Ion: 96 Resp: 2467

Ion	Ratio	Lower	Upper
96	100		
61	431.9	116.3	215.9#
63	2802.9	96.7	179.7#

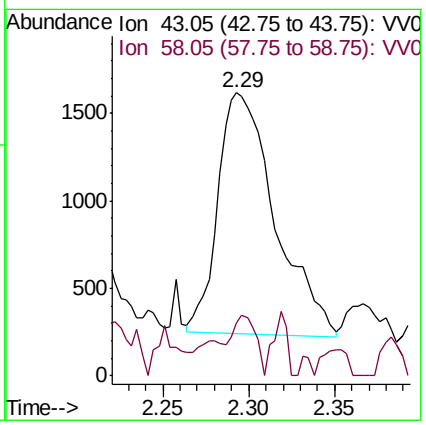


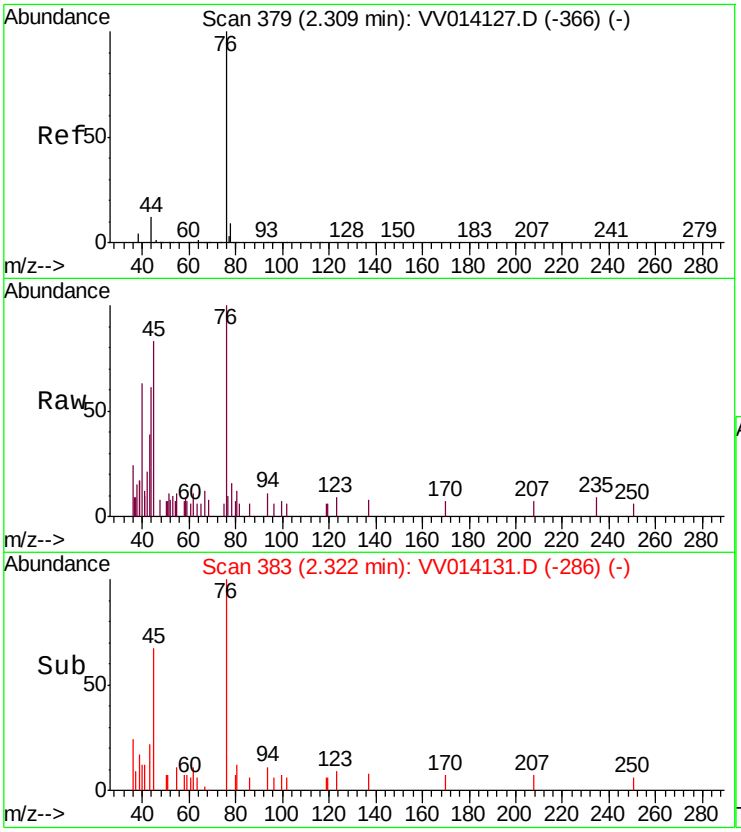


#13
Acetone
Concen: 1.449 ug/L
RT: 2.29 min Scan# 374
Delta R.T. 0.07 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Tgt Ion: 43 Resp: 3214

Ion	Ratio	Lower	Upper
43	100		
58	10.2	0.0	27.2



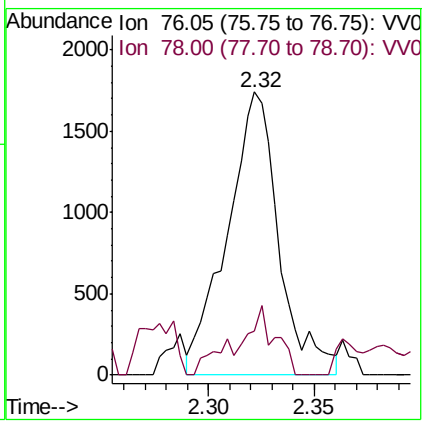


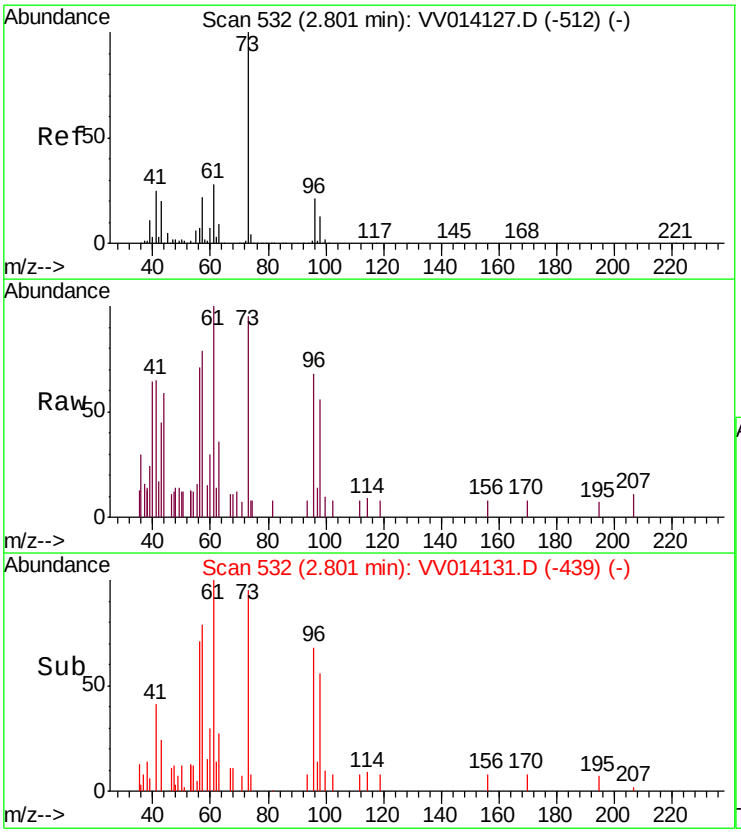
#14
Carbon disulfide
Concen: 0.108 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Instrument : MSVOA_V
ClientSampleId : BFDX9

Tgt Ion: 76 Resp: 2967

Ion	Ratio	Lower	Upper
76	100		
78	15.7	7.5	11.3#

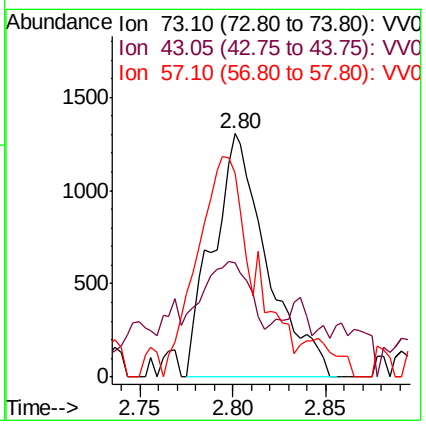


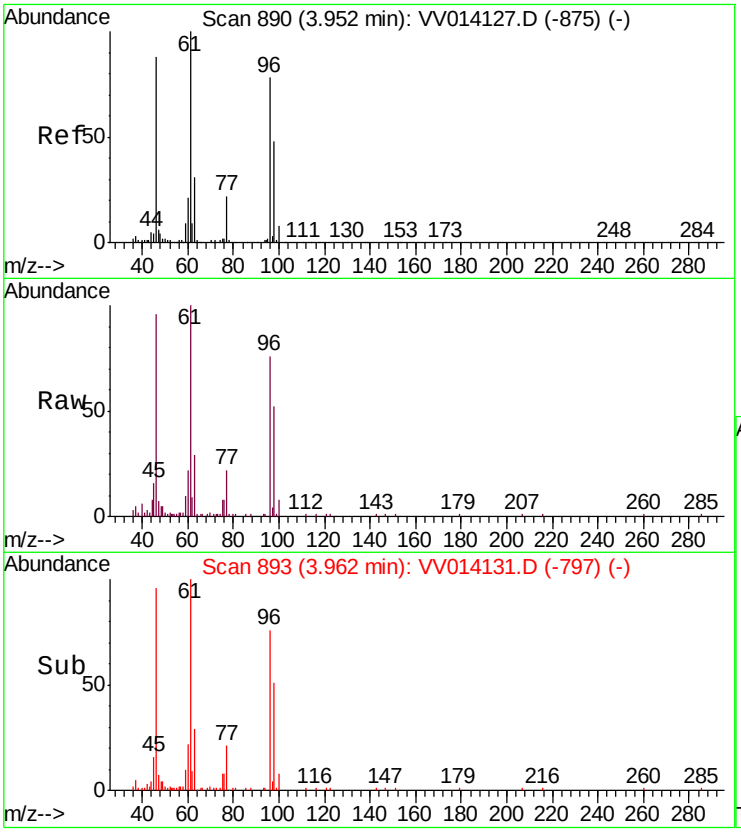


#17
Methyl tert-butyl Ether
Concen: 0.081 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.00 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Tgt Ion: 73 Resp: 2641

Ion	Ratio	Lower	Upper
73	100		
43	21.5	15.5	23.3
57	96.6	17.5	26.3#



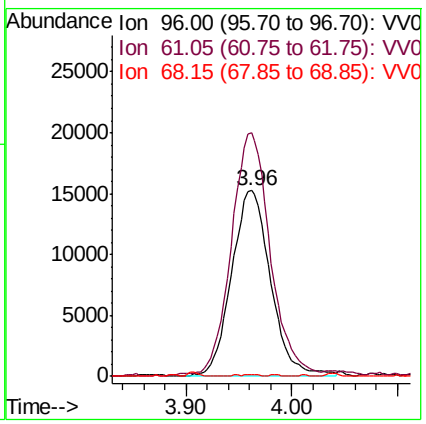


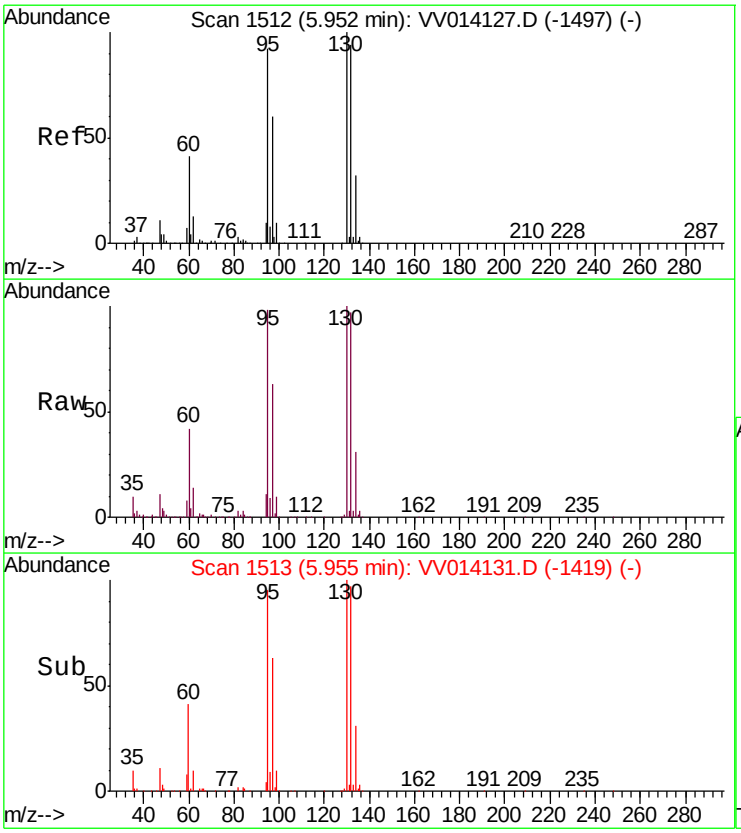
#22
cis-1,2-Dichloroethene
Concen: 2.505 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Instrument :
MSVOA_V
ClientSampleId :
BFDX9

Tgt Ion: 96 Resp: 39308

Ion	Ratio	Lower	Upper
96	100		
61	131.1	86.1	159.9
68	1.0	0.0	0.0#

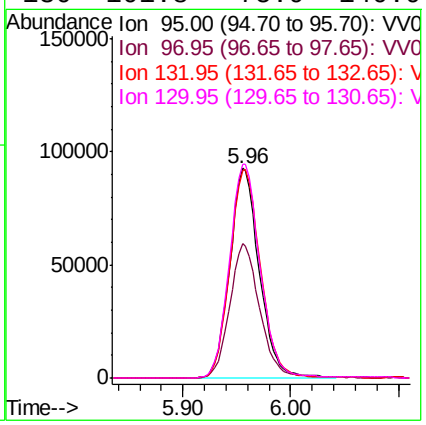


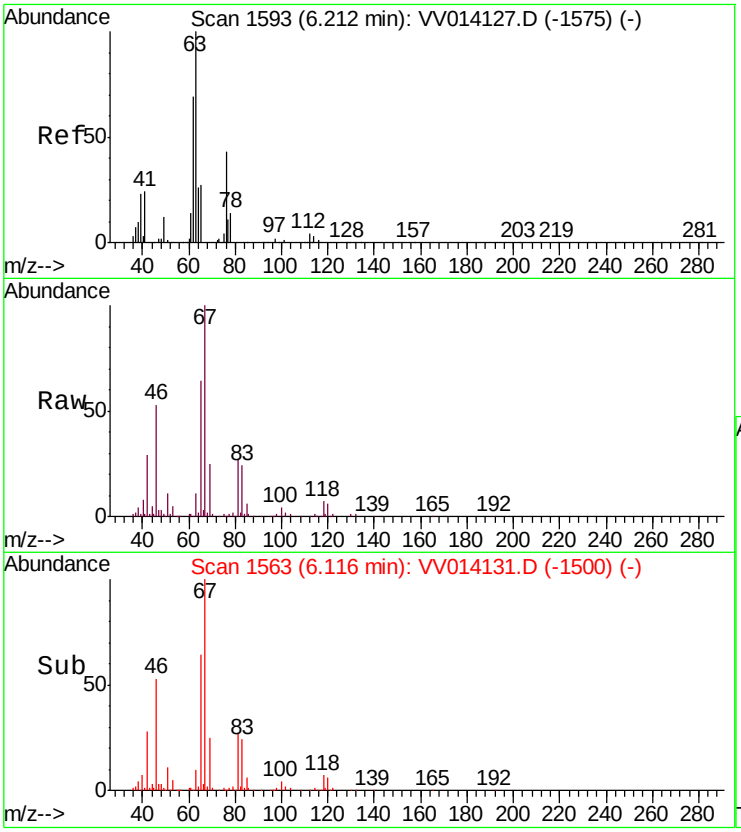


#34
Trichloroethene
Concen: 10.555 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Tgt Ion: 95 Resp: 177465

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.6	84.8
132	98.9	70.5	130.9
130	101.8	75.9	140.9



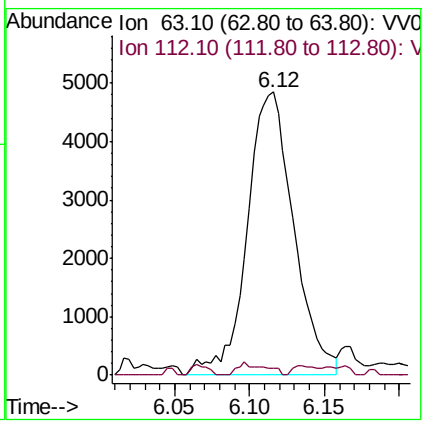


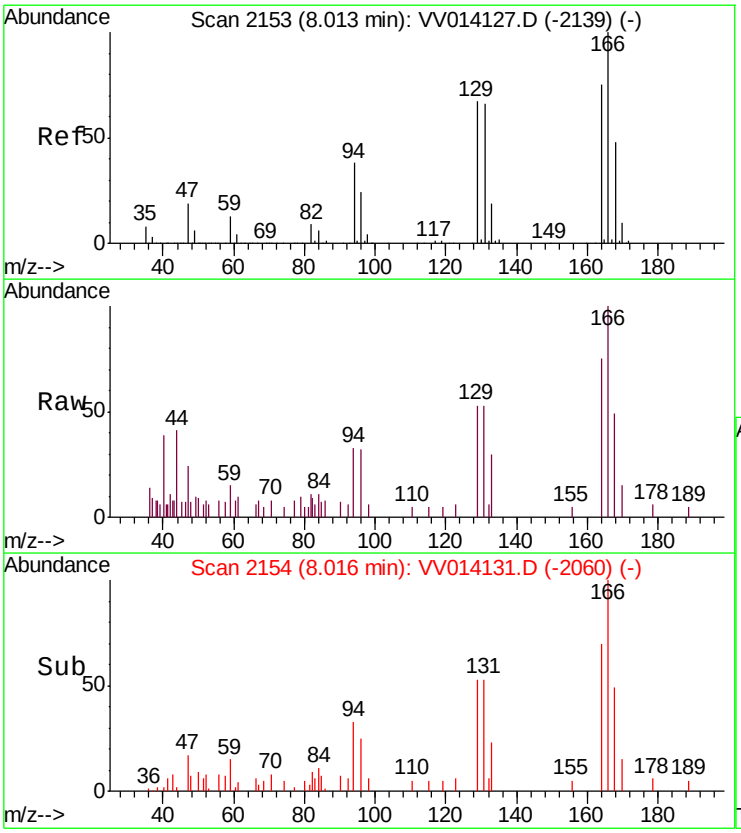
#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Instrument : MSVOA_V
ClientSampleId : BFDX9

Tgt Ion: 63 Resp: 10497

Ion	Ratio	Lower	Upper
63	100		
112	2.5	4.4	6.6#

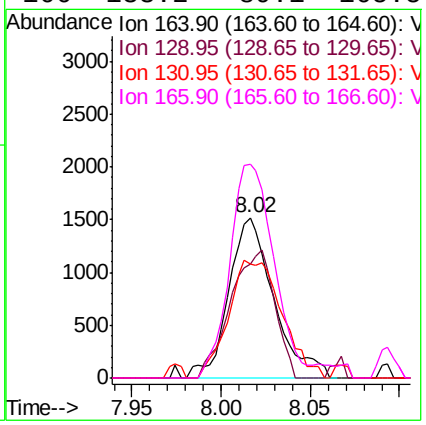


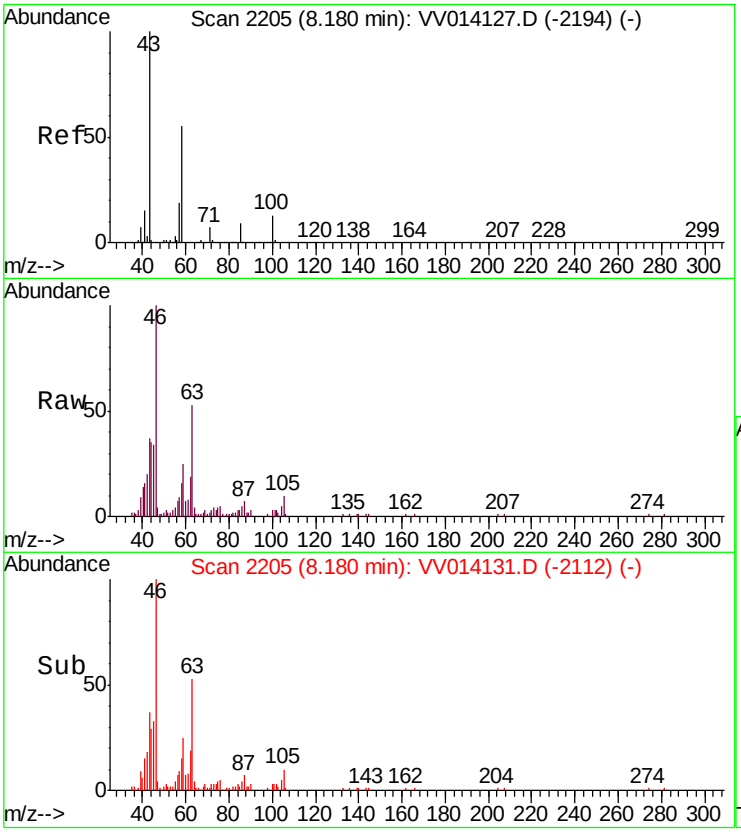


#47
Tetrachloroethene
Concen: 0.183 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Tgt Ion:164 Resp: 2669

Ion	Ratio	Lower	Upper
164	100		
129	71.0	60.3	112.1
131	71.0	59.9	111.3
166	133.2	89.1	165.5



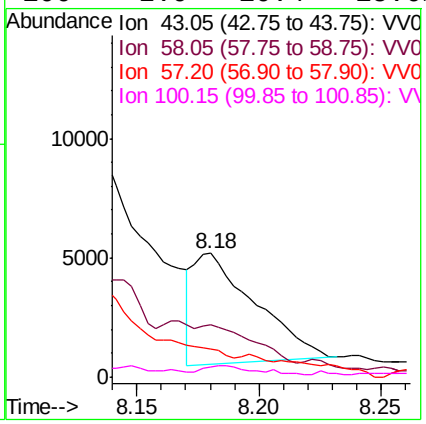


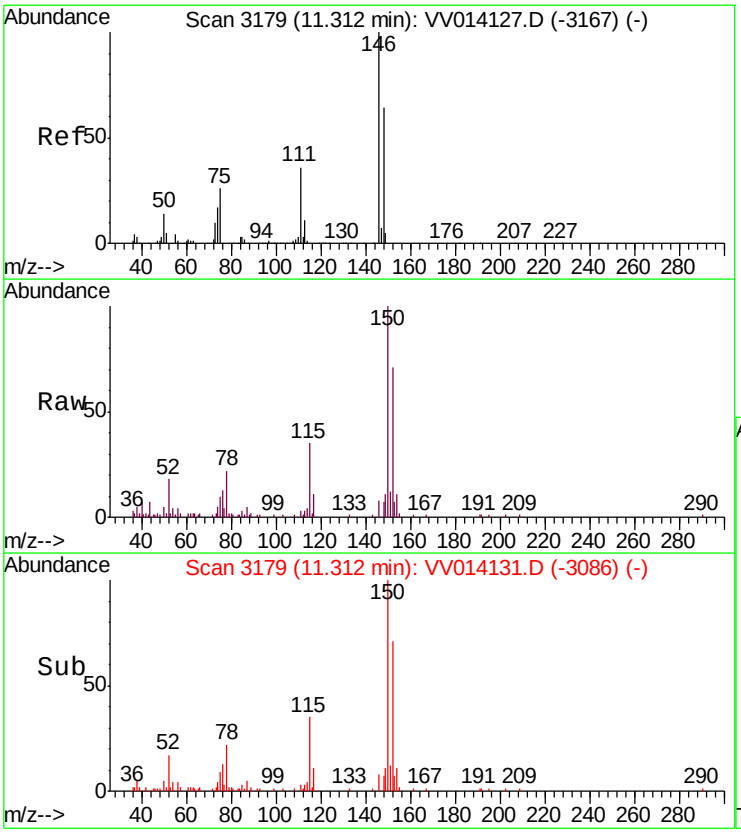
#48
2-Hexanone
Concen: 1.243 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Instrument :
MSVOA_V
ClientSampleId :
BFDX9

Tgt Ion: 43 Resp: 8108

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.2	64.8#
57	0.0	15.4	23.2#
100	2.9	10.4	15.6#





#63
1,4-Dichlorobenzene
Concen: 0.067 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. 0.00 min
Lab File: VV014131.D
Acq: 19 Dec 2019 15:48

Tgt Ion:146 Resp: 2240

Ion	Ratio	Lower	Upper
146	100		
111	39.6	25.0	46.4
148	90.3	45.4	84.2#