Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\
Data File : VV011259.D
Acq On : 06 Jun 2019 21:33
Operator : SY/MD
Sample : K3226-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCP3

Quant Time: Jun 07 02:37:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168134	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66200	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	57532	4.52	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.40%			
7) Chloroethane-d5	1.58	69	46385	4.38	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%			
11) 1,1-Dichloroethene-d2	2.13	63	106756	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.80%			
20) 2-Butanone-d5	3.96	46	149501	52.12	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.24%			
24) Chloroform-d	4.40	84	101645	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.08	65	58663	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.10	84	212854	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.12	67	63552	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.80%			
41) Toluene-d8	7.36	98	187742	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
43) trans-1,3-Dichloropropene-	7.66	79	22815	4.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.80%			
46) 2-Hexanone-d5	8.14	63	117016	50.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.44%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45719	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	61687	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	91224	5.897	ug/L	96
12) 1,1-Dichloroethene	2.14	96	30323	2.862	ug/L #	81
13) Acetone	2.22	43	4226	2.197	ug/L	85
17) Methyl tert-butyl Ether	2.81	73	135794	4.802	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	73526	6.199	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	1601191	121.903	ug/L #	97
34) Trichloroethene	5.96	95	8330821	645.479	ug/L	97
47) Tetrachloroethene	8.02	164	6176	0.662	ug/L	93

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

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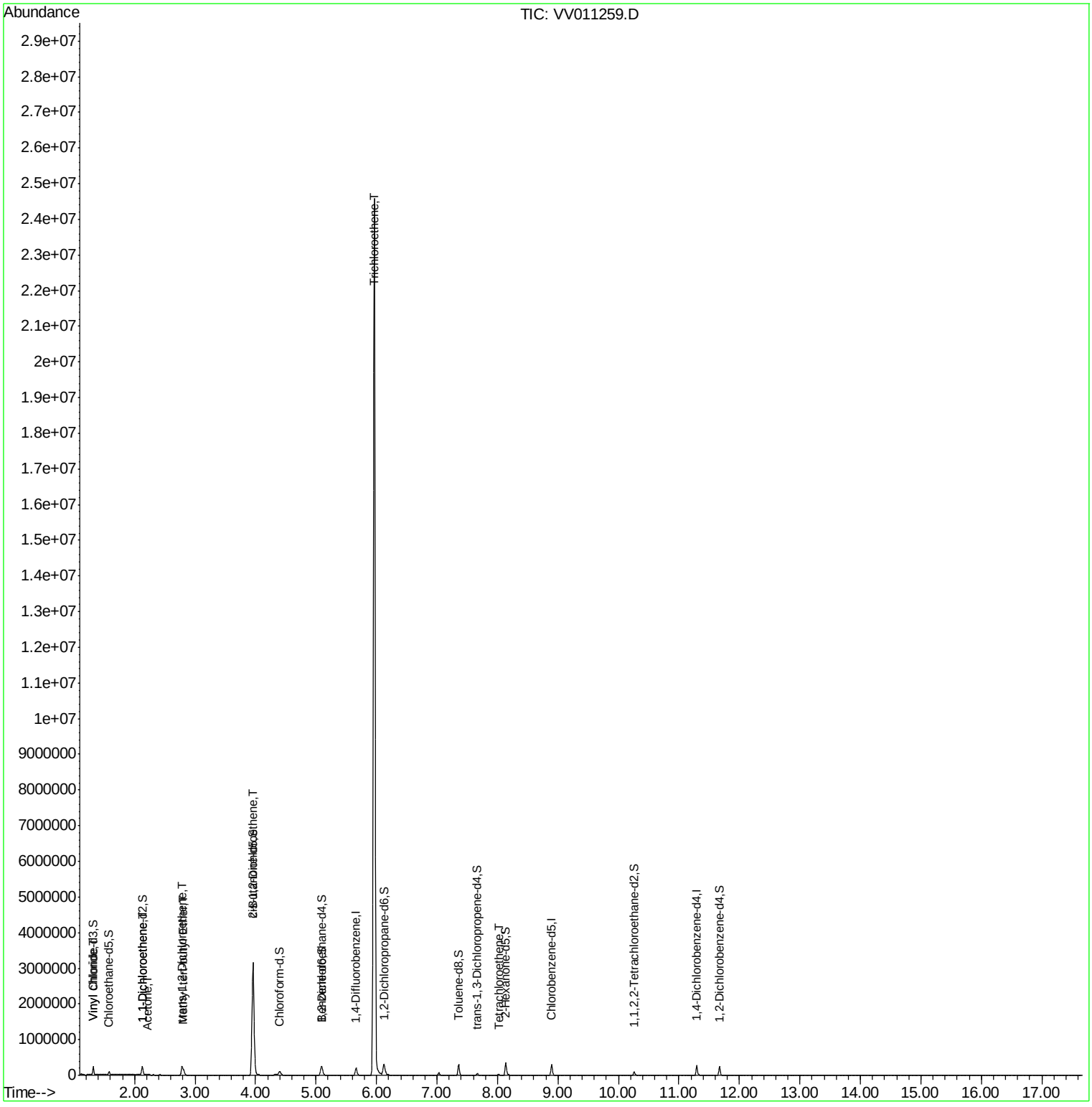
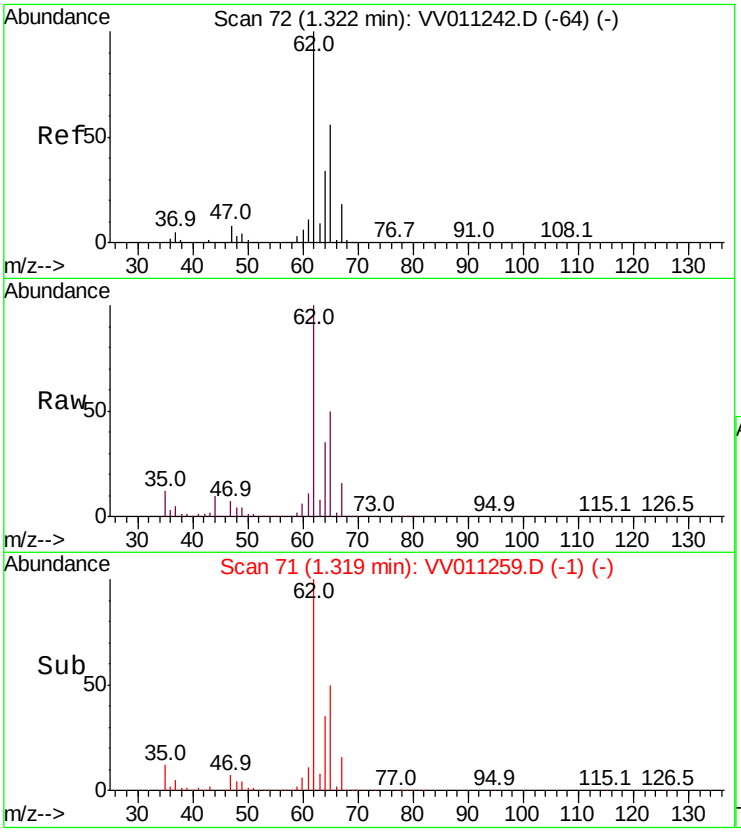


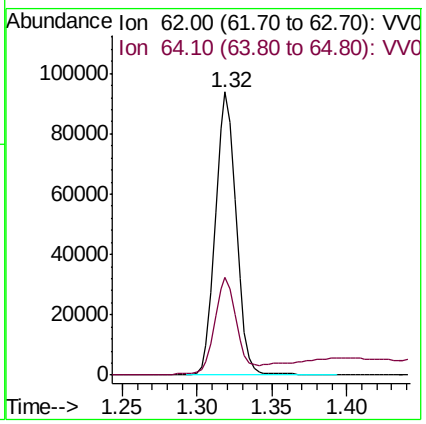


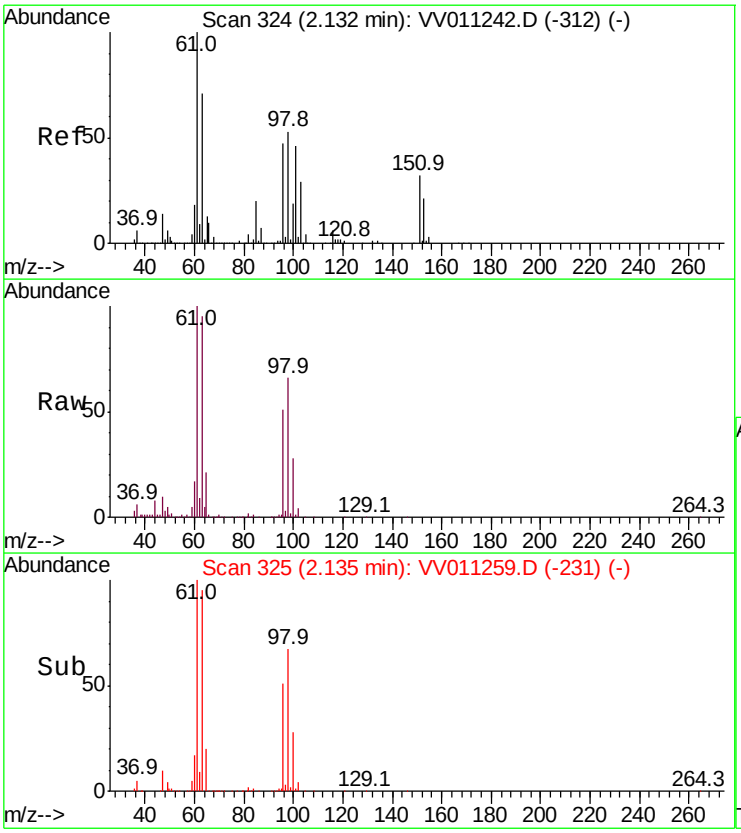
#5
Vinyl chloride
Concen: 5.897 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV011259.D
Acq: 06 Jun 2019 21:33

Instrument :
MSVOA_V
ClientSampleId :
BFCP3

Tgt Ion: 62 Resp: 91224

Ion	Ratio	Lower	Upper
62	100		
64	34.5	25.9	48.1

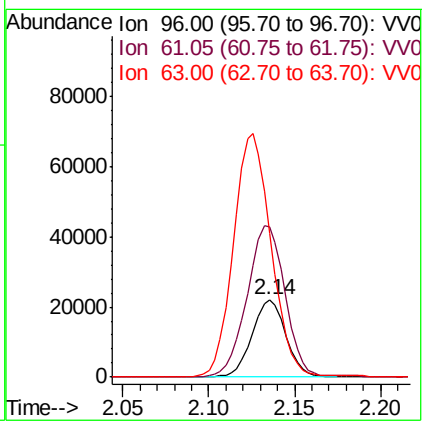


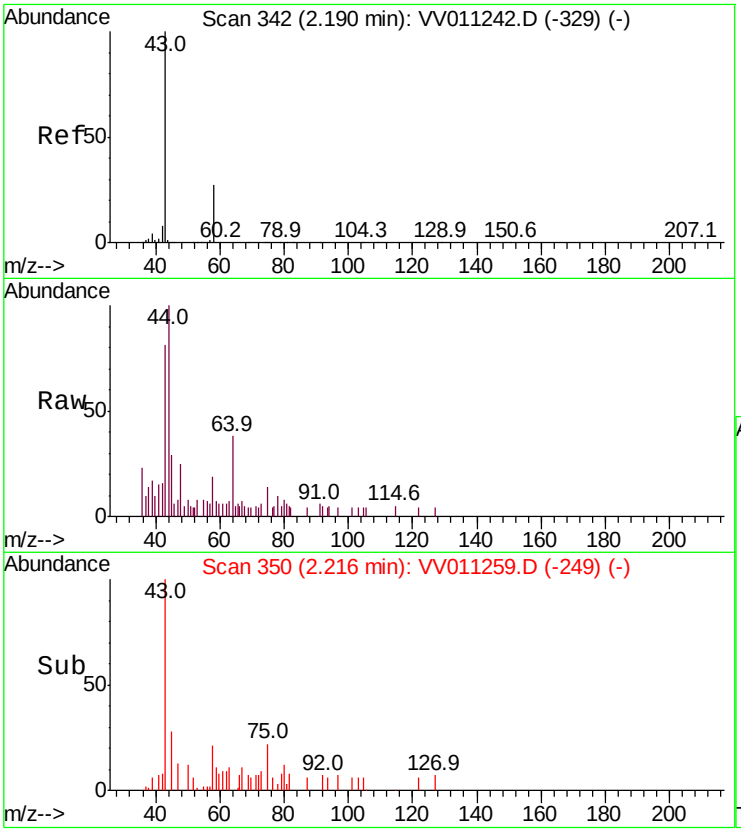


#12
1,1-Dichloroethene
Concen: 2.862 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV011259.D
Acq: 06 Jun 2019 21:33

Tgt Ion: 96 Resp: 30323

Ion	Ratio	Lower	Upper
96	100		
61	194.5	139.8	259.6
63	185.2	94.3	175.1#



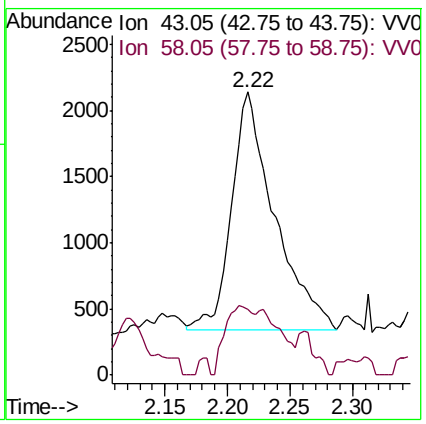


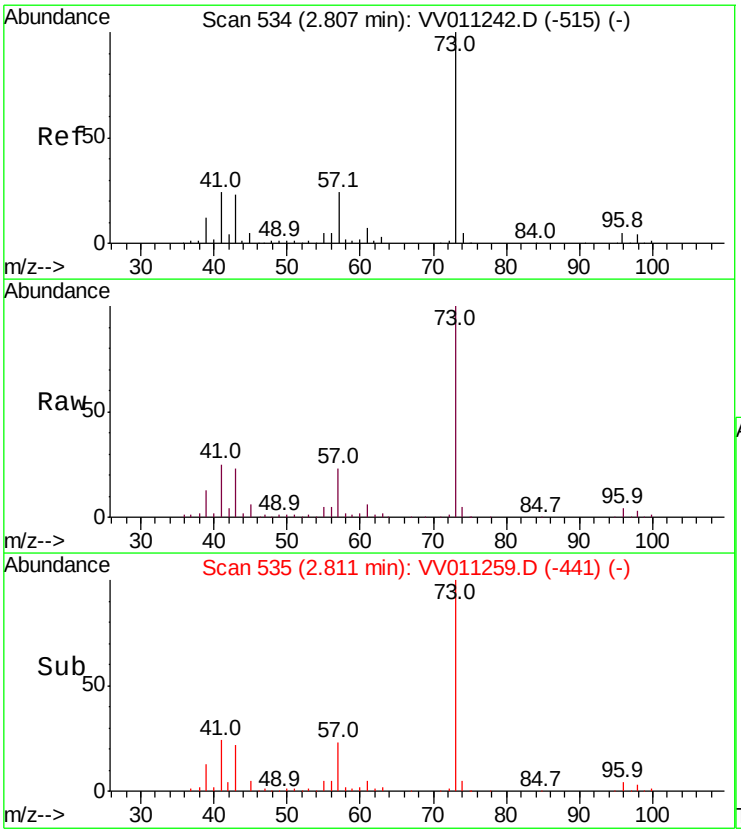
#13
Acetone
Concen: 2.197 ug/L
RT: 2.22 min Scan# 350
Delta R.T. 0.03 min
Lab File: VV011259.D
Acq: 06 Jun 2019 21:33

Instrument :
MSVOA_V
ClientSampleId :
BFCP3

Tgt Ion: 43 Resp: 4226

Ion	Ratio	Lower	Upper
43	100		
58	19.7	0.0	55.2

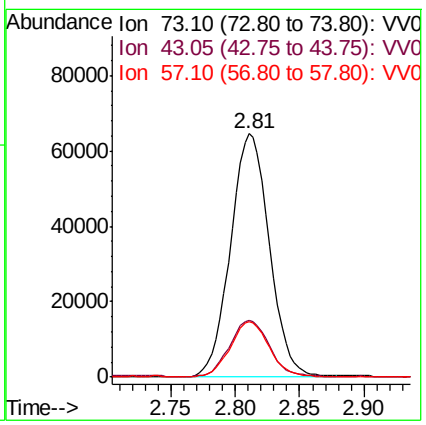


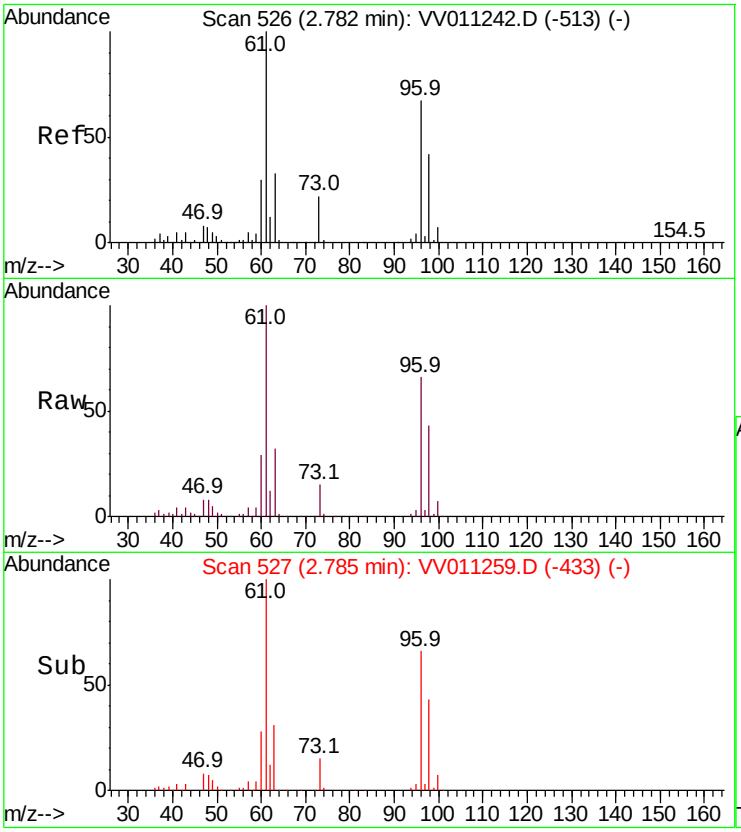


#17
Methyl tert-butyl Ether
Concen: 4.802 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV011259.D
Acq: 06 Jun 2019 21:33

Tgt Ion: 73 Resp: 135794

Ion	Ratio	Lower	Upper
73	100		
43	23.1	18.7	28.1
57	22.4	18.1	27.1



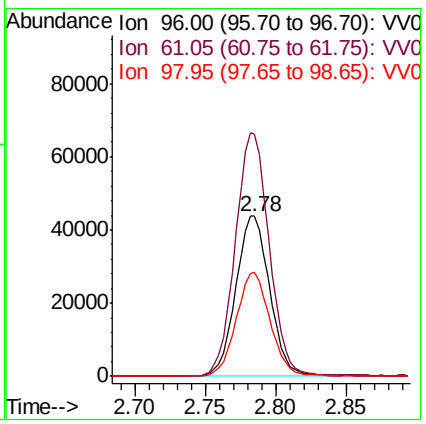


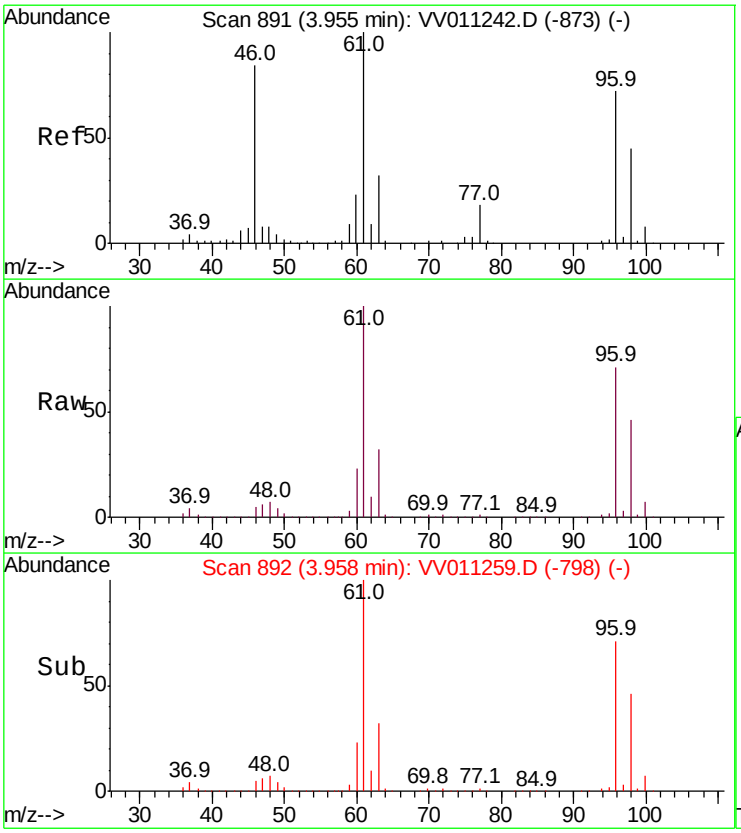
#18
trans-1,2-Dichloroethene
Concen: 6.199 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV011259.D
Acq: 06 Jun 2019 21:33

Instrument :
MSVOA_V
ClientSampleId :
BFCP3

Tgt Ion: 96 Resp: 73526

Ion	Ratio	Lower	Upper
96	100		
61	151.7	104.0	193.2
98	65.0	45.7	84.9

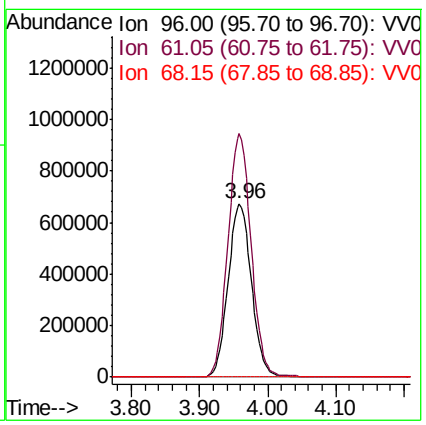


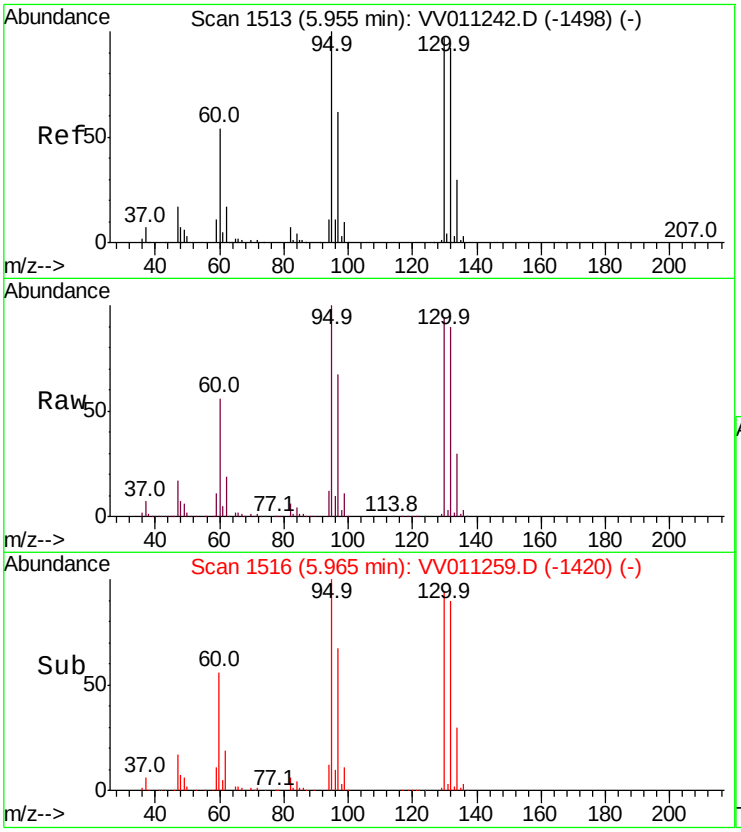


#22
cis-1,2-Dichloroethene
Concen: 121.903 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011259.D
Acq: 06 Jun 2019 21:33

Tgt Ion: 96 Resp: 1601191

Ion	Ratio	Lower	Upper
96	100		
61	140.5	100.8	187.2
68	0.0	0.0	0.0#



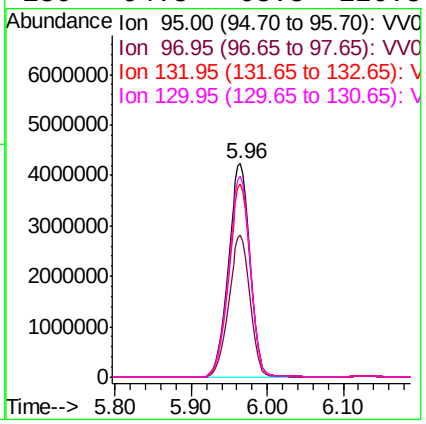


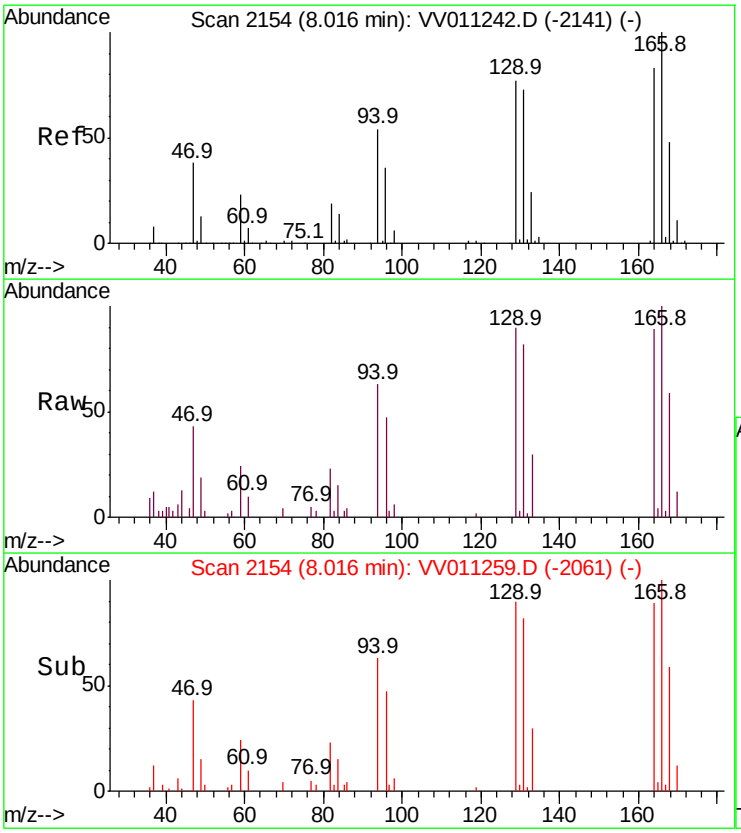
#34
Trichloroethene
Concen: 645.479 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV011259.D
Acq: 06 Jun 2019 21:33

Instrument :
MSVOA_V
ClientSampleId :
BFCP3

Tgt Ion: 95 Resp: 8330821

Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.8	85.2
132	90.4	66.4	123.2
130	94.3	68.3	126.8





#47
Tetrachloroethene
Concen: 0.662 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011259.D
Acq: 06 Jun 2019 21:33

Tgt Ion:164 Resp: 6176

Ion	Ratio	Lower	Upper
164	100		
129	101.7	69.9	129.9
131	92.6	66.8	124.2
166	112.9	90.2	167.6