Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011282.D
Acq On : 07 Jun 2019 09:35
Operator : SY/MD
Sample : K3228-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P05

Quant Time: Jun 08 00:04:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:01:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159198	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148048	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58354	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	52331	4.34	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.80%			
7) Chloroethane-d5	1.55	69	43414	4.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.60%			
11) 1,1-Dichloroethene-d2	2.12	63	80639	3.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.00%			
20) 2-Butanone-d5	3.94	46	150966	55.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.18%			
24) Chloroform-d	4.40	84	97121	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.08	65	56508	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.09	84	193962	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
36) 1,2-Dichloropropane-d6	6.12	67	61378	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.36	98	171835	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.40%			
43) trans-1,3-Dichloropropene-	7.66	79	18109	3.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.60%			
46) 2-Hexanone-d5	8.13	63	119220	54.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.52%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44773	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	56176	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
6) Bromomethane	1.51	94	1278	0.168	ug/L	71
8) Chloroethane	1.51	64	1841	0.197	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	951	0.092	ug/L #	35
13) Acetone	2.19	43	13726	7.538	ug/L	98
15) Methyl Acetate	2.33	43	6355	1.314	ug/L #	60
17) Methyl tert-butyl Ether	2.81	73	7914	0.296	ug/L #	88
22) cis-1,2-Dichloroethene	3.95	96	14926	1.200	ug/L	88
25) Chloroform	4.42	83	3120	0.136	ug/L	99
34) Trichloroethene	5.96	95	7359	0.605	ug/L	98
35) Methylcyclohexane	6.12	83	14584	0.725	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7736	0.660	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1886	0.110	ug/L	85
47) Tetrachloroethene	8.02	164	47796	5.434	ug/L	97
48) 2-Hexanone	8.13	43	16408	3.151	ug/L #	72
49) Dibromochloromethane	8.02	129	42310	4.963	ug/L #	12

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011282.D
Acq On : 07 Jun 2019 09:35
Operator : SY/MD
Sample : K3228-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P05

Quant Time: Jun 08 00:04:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:01:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

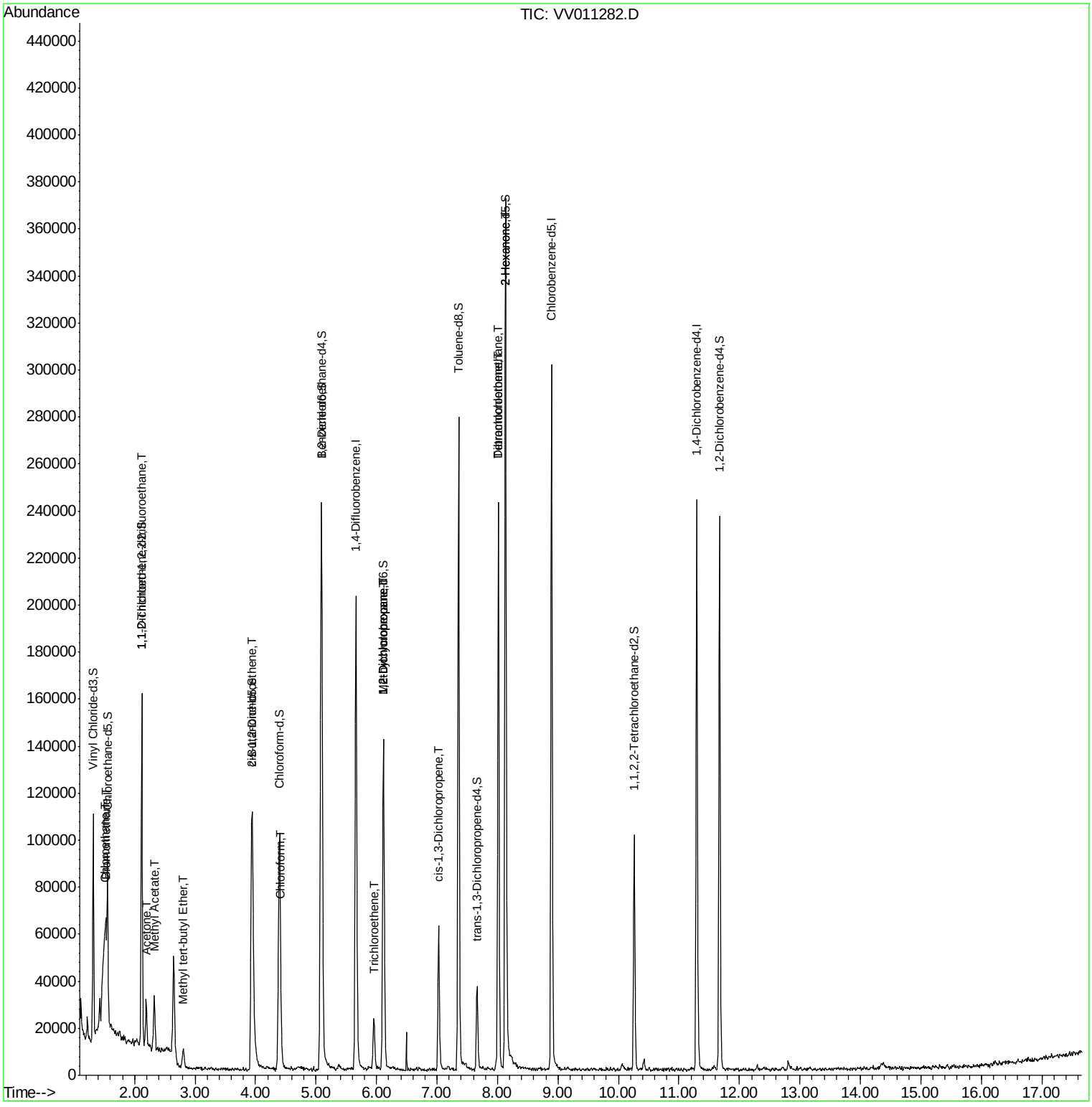
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

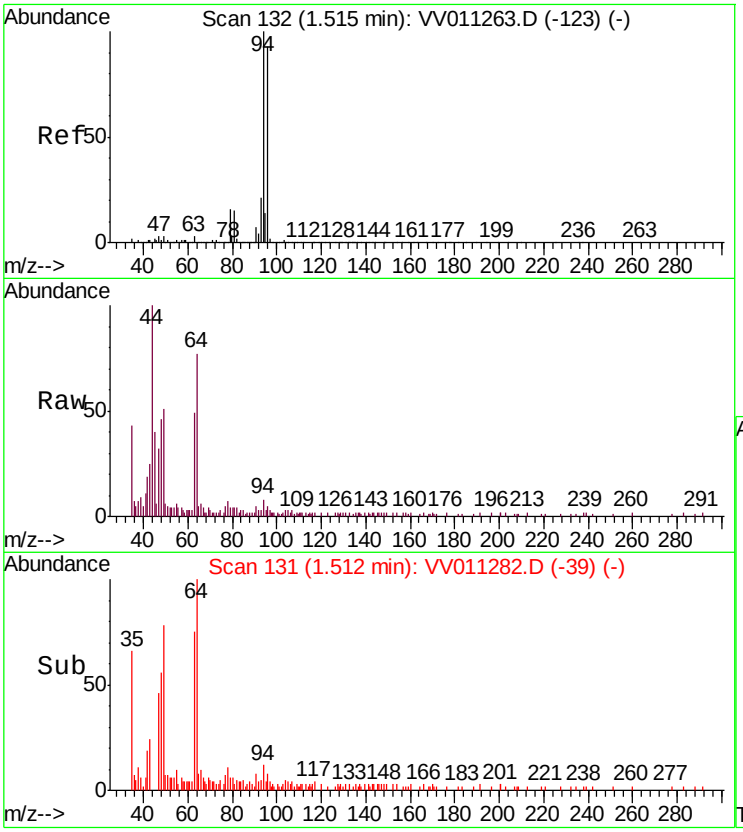
Quantitation Report (Not Reviewed)

Data File : VV011282.D
Acq On : 07 Jun 2019 09:35
Operator : SY/MD
Sample : K3228-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P05

Quant Time: Jun 08 00:04:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:01:28 2019
Response via : Initial Calibration



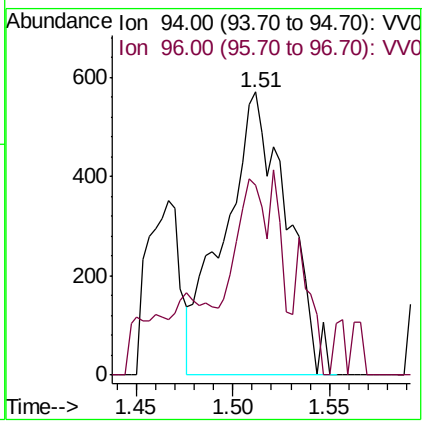


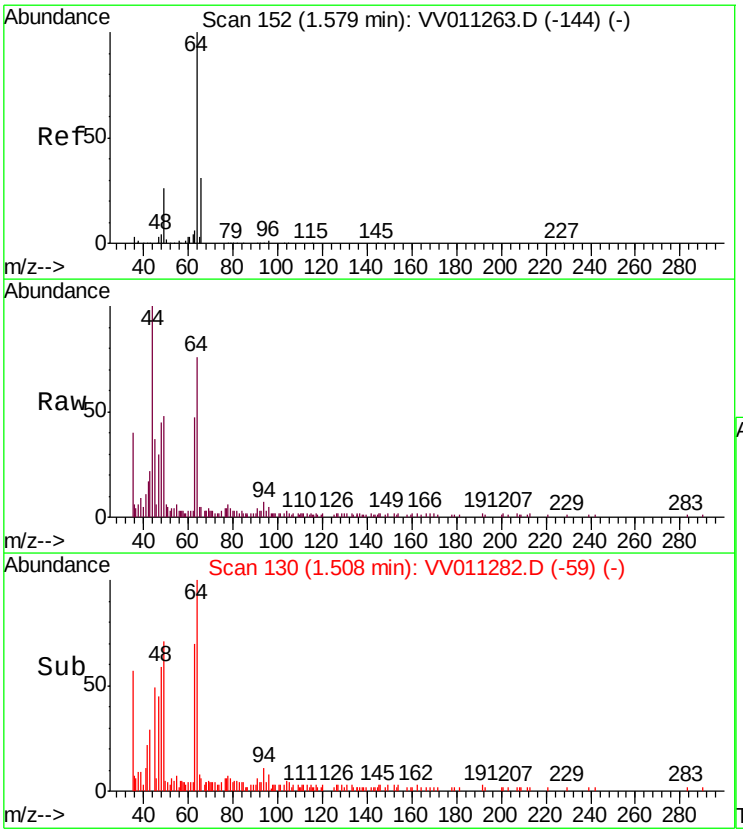
#6
Bromomethane
Concen: 0.168 ug/L
RT: 1.51 min Scan# 131
Delta R.T. -0.00 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Instrument :
MSVOA_V
ClientSampleId :
F9P05

Tgt Ion: 94 Resp: 1278

Ion	Ratio	Lower	Upper
94	100		
96	67.3	67.0	124.4

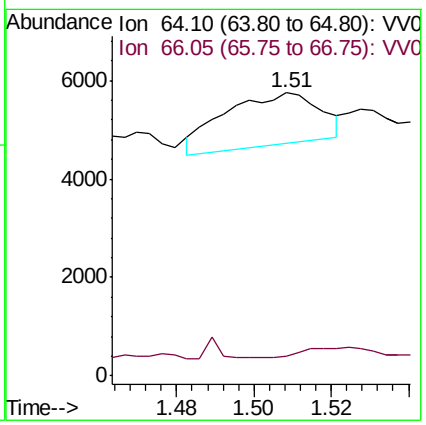


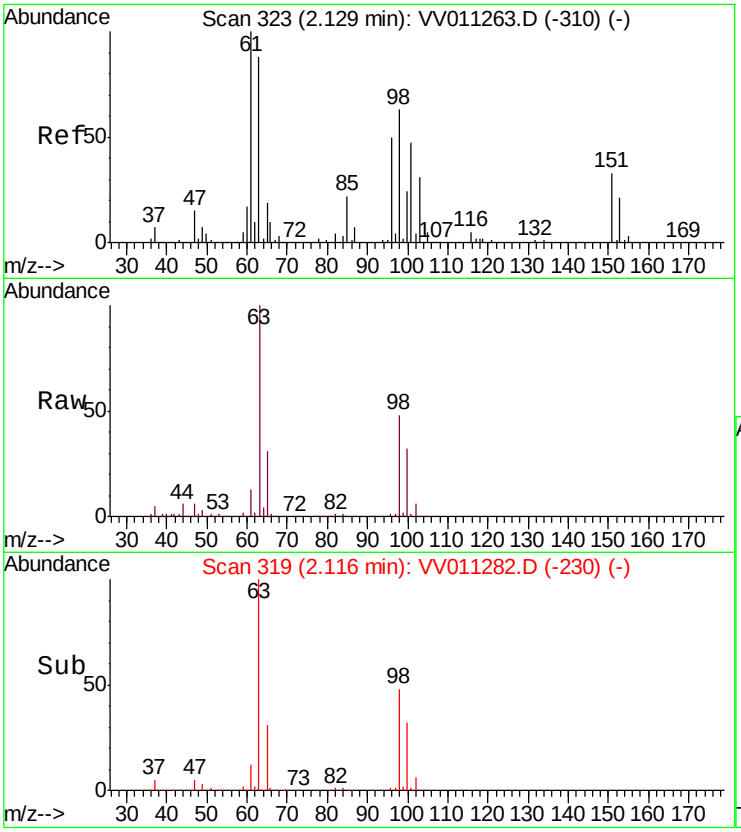


#8
Chloroethane
Concen: 0.197 ug/L
RT: 1.51 min Scan# 130
Delta R.T. -0.07 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Tgt Ion: 64 Resp: 1841

Ion	Ratio	Lower	Upper
64	100		
66	6.8	19.4	36.0#



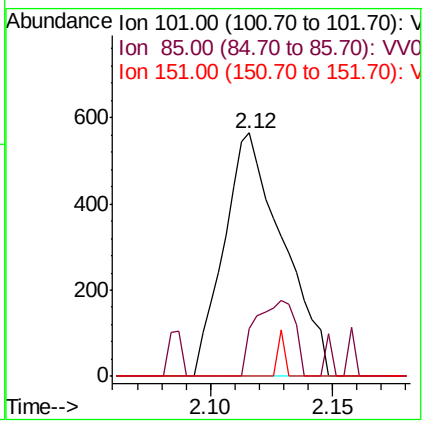


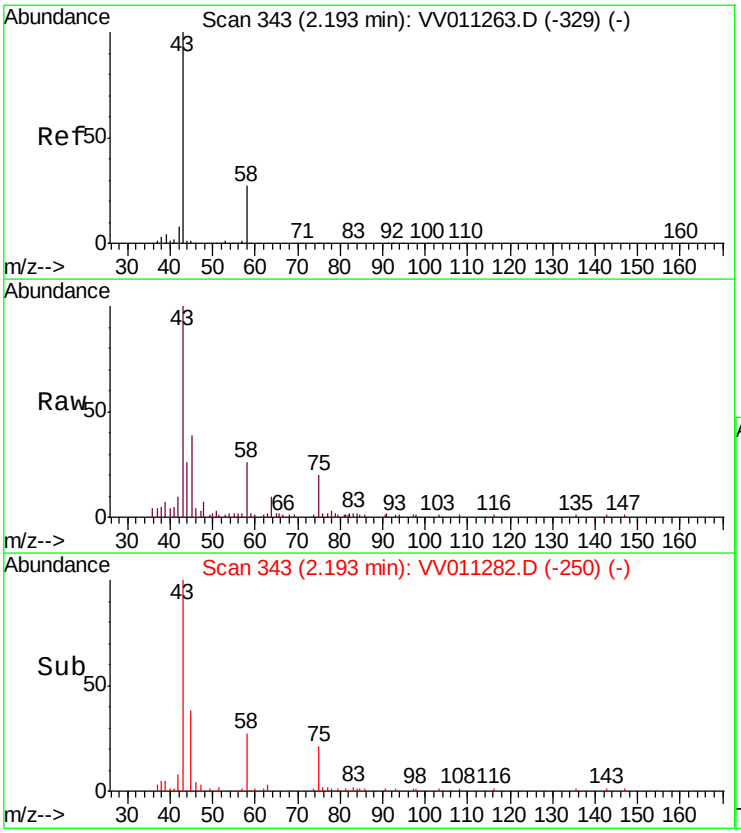
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.092 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.01 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Instrument : MSVOA_V
ClientSampleId : F9P05

Tgt Ion:101 Resp: 951

Ion	Ratio	Lower	Upper
101	100		
85	20.7	35.5	53.3#
151	2.2	56.9	85.3#

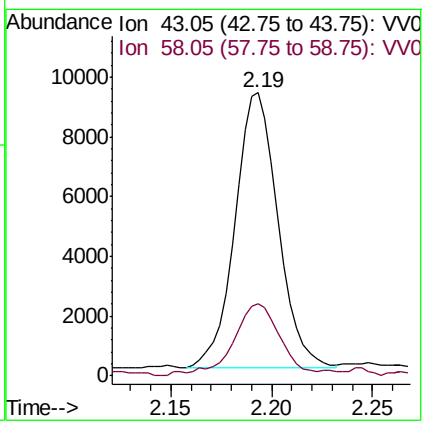


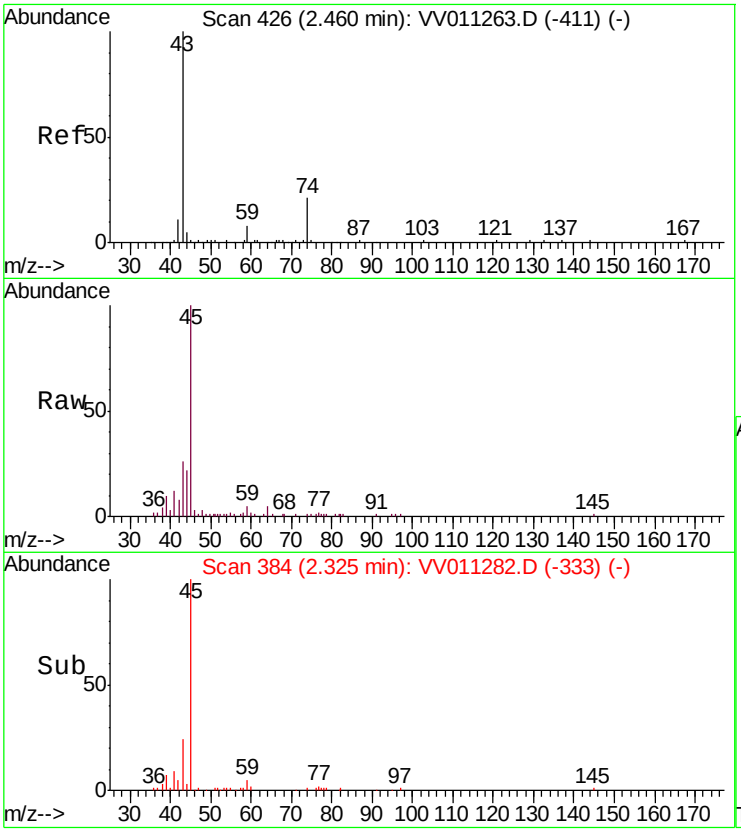


#13
Acetone
Concen: 7.538 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.00 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Tgt Ion: 43 Resp: 13726

Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	55.2



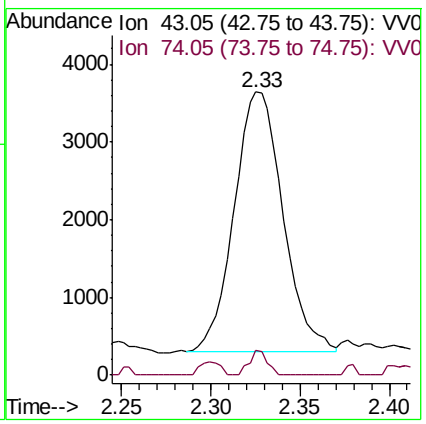


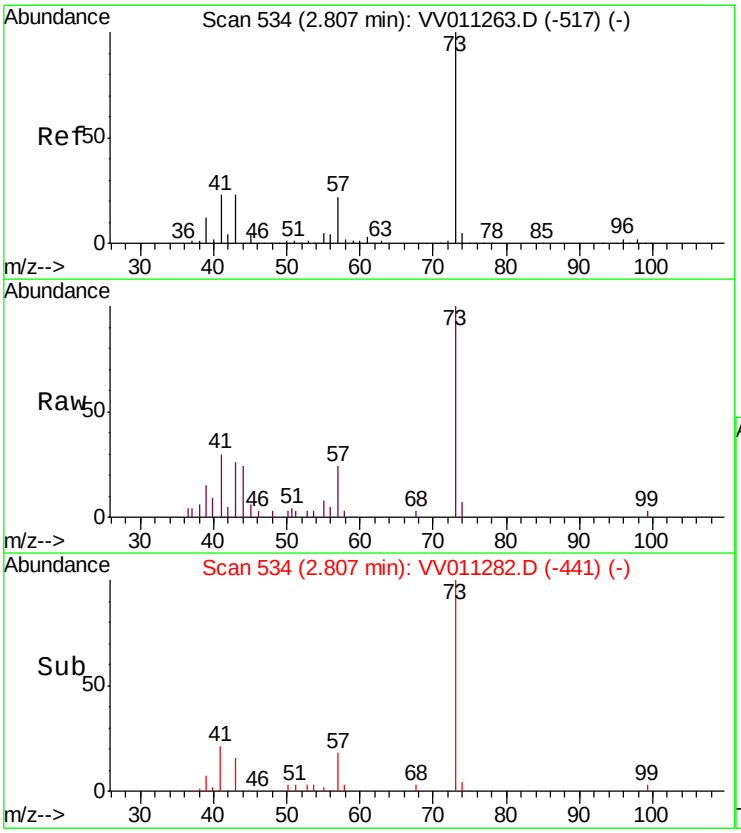
#15
Methyl Acetate
Concen: 1.314 ug/L
RT: 2.33 min Scan# 384
Delta R.T. -0.14 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Instrument : MSVOA_V
ClientSampleId : F9P05

Tgt Ion: 43 Resp: 6355

Ion	Ratio	Lower	Upper
43	100		
74	3.5	18.5	27.7#

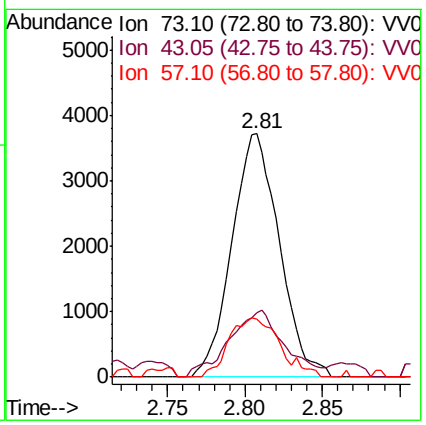


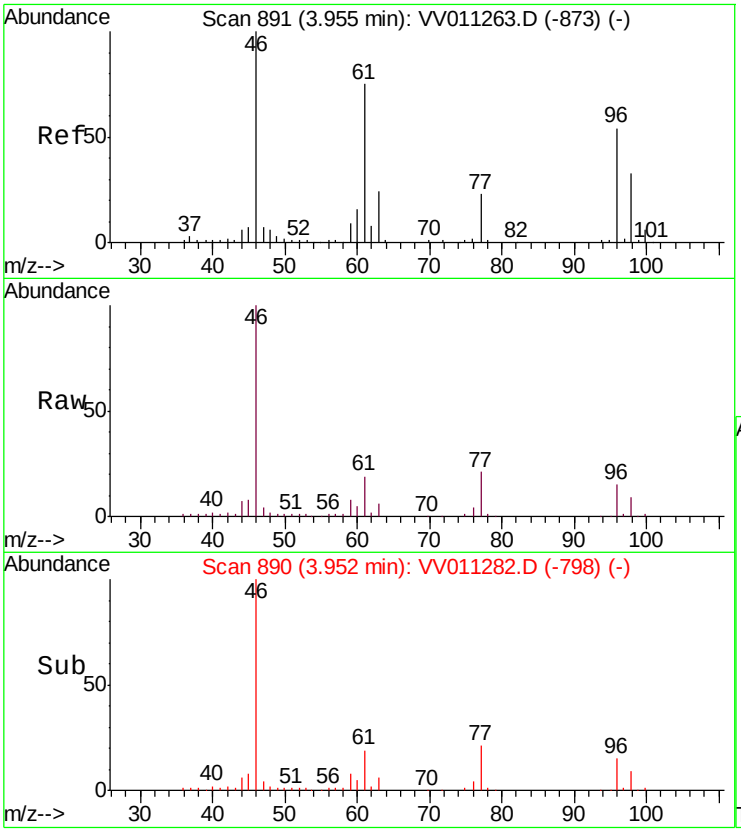


#17
Methyl tert-butyl Ether
Concen: 0.296 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.00 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Tgt Ion: 73 Resp: 7914

Ion	Ratio	Lower	Upper
73	100		
43	31.7	18.7	28.1#
57	26.1	18.1	27.1



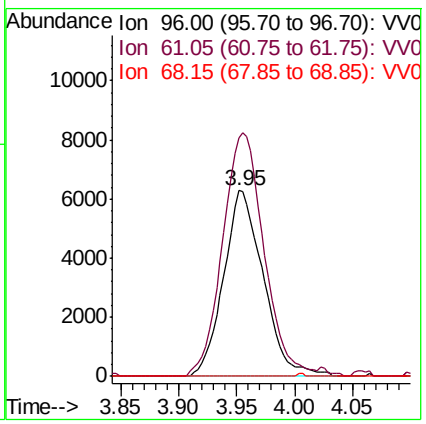


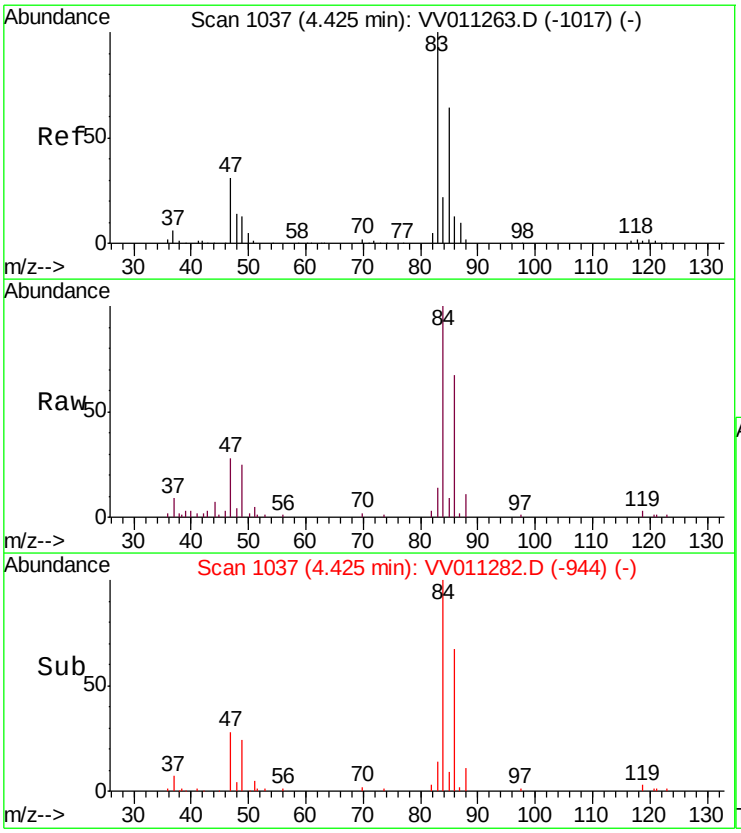
#22
cis-1,2-Dichloroethene
Concen: 1.200 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Instrument : MSVOA_V
ClientSampleId : F9P05

Tgt Ion: 96 Resp: 14926

Ion	Ratio	Lower	Upper
96	100		
61	128.8	100.8	187.2
68	0.0	0.0	0.0

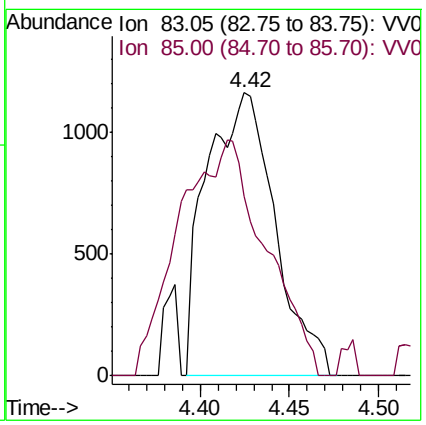


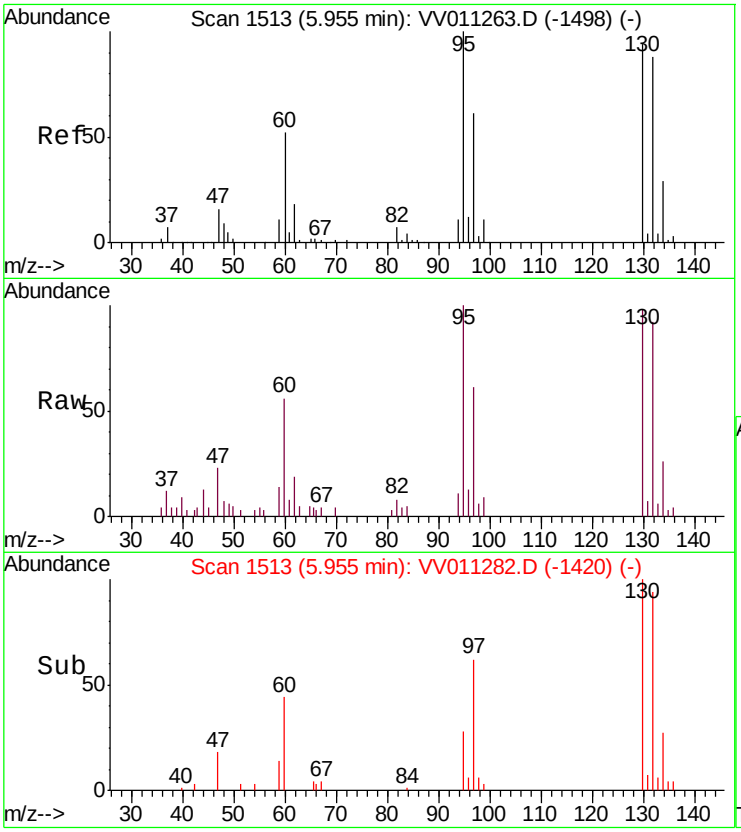


#25
Chloroform
Concen: 0.136 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Tgt Ion: 83 Resp: 3120

Ion	Ratio	Lower	Upper
83	100		
85	63.6	44.1	81.9



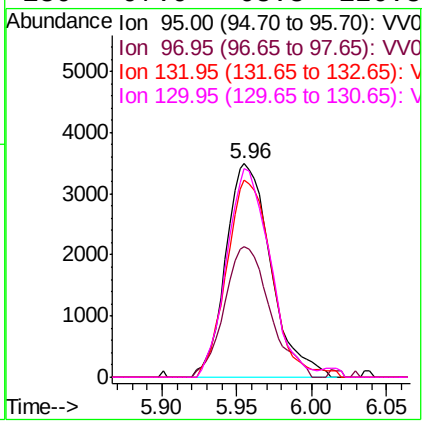


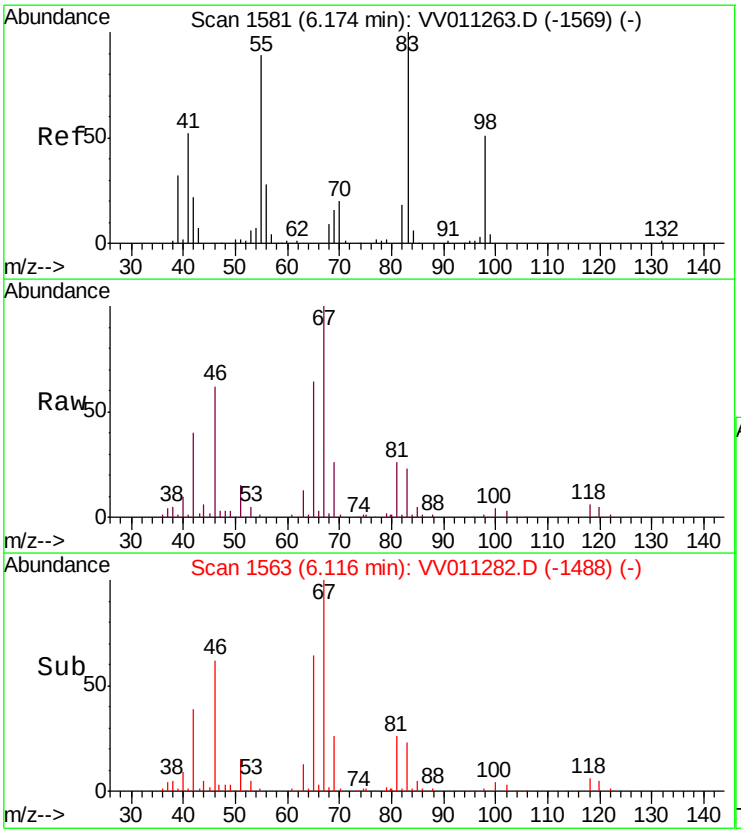
#34
Trichloroethene
Concen: 0.605 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Instrument :
MSVOA_V
ClientSampleId :
F9P05

Tgt Ion: 95 Resp: 7359

Ion	Ratio	Lower	Upper
95	100		
97	61.2	45.8	85.2
132	92.4	66.4	123.2
130	97.9	68.3	126.8

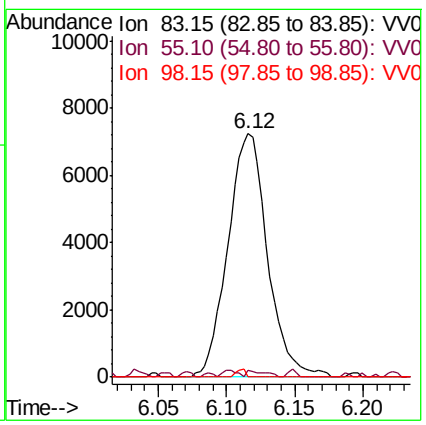


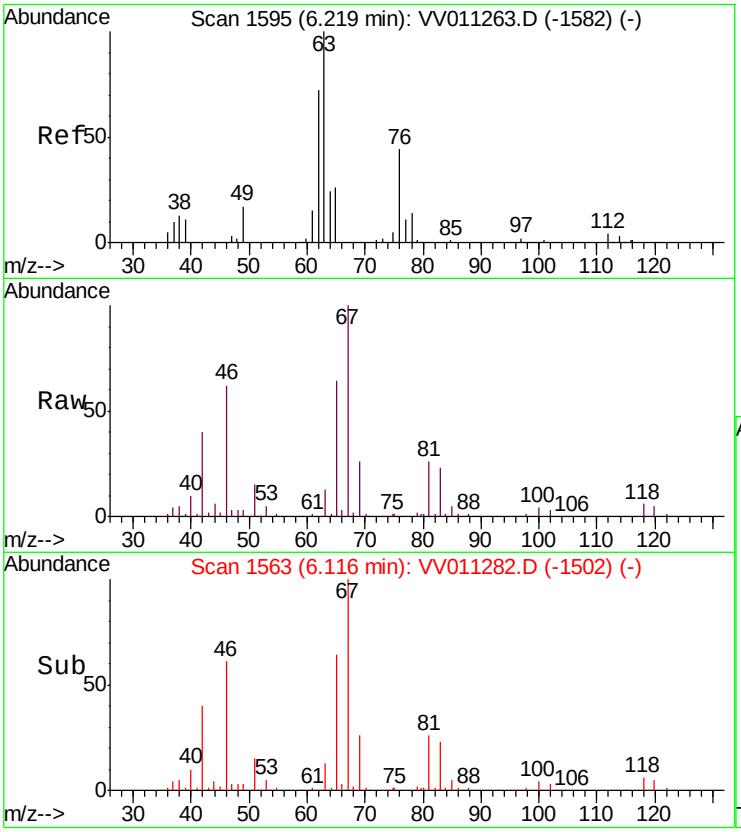


#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Tgt Ion: 83 Resp: 14584

Ion	Ratio	Lower	Upper
83	100		
55	1.3	67.0	100.6#
98	0.8	40.0	60.0#



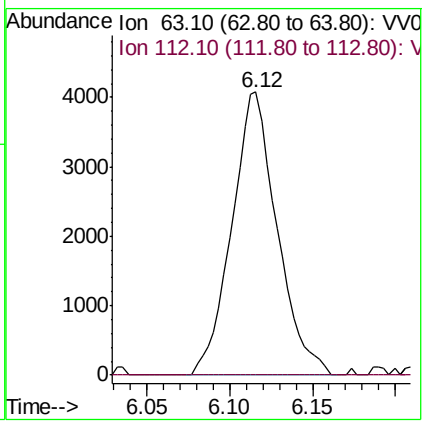


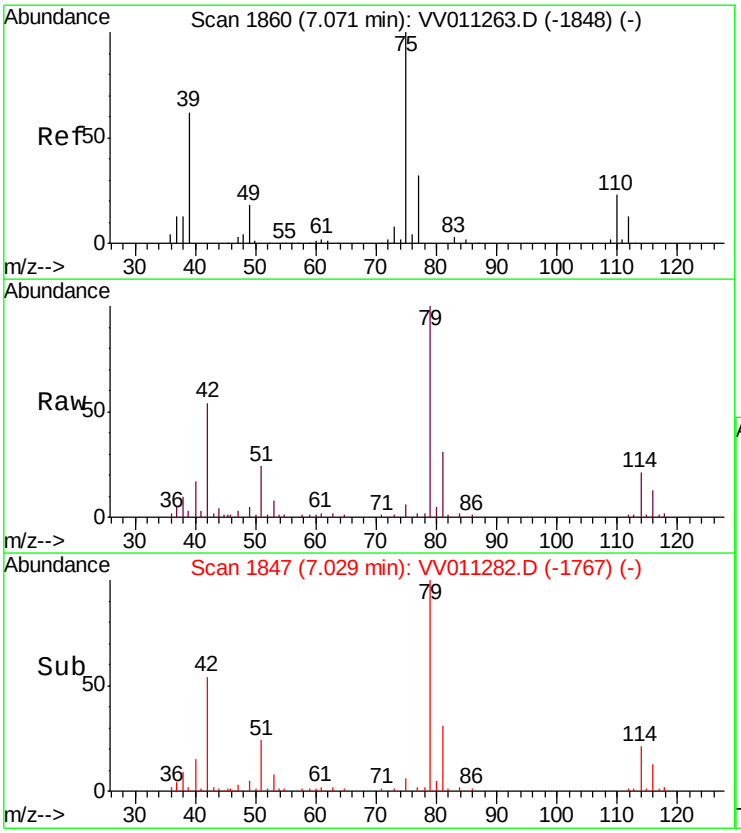
#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Instrument :
MSVOA_V
ClientSampleId :
F9P05

Tgt Ion: 63 Resp: 7736

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.6	5.4#

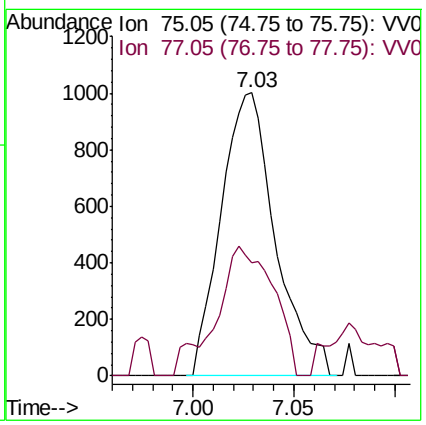


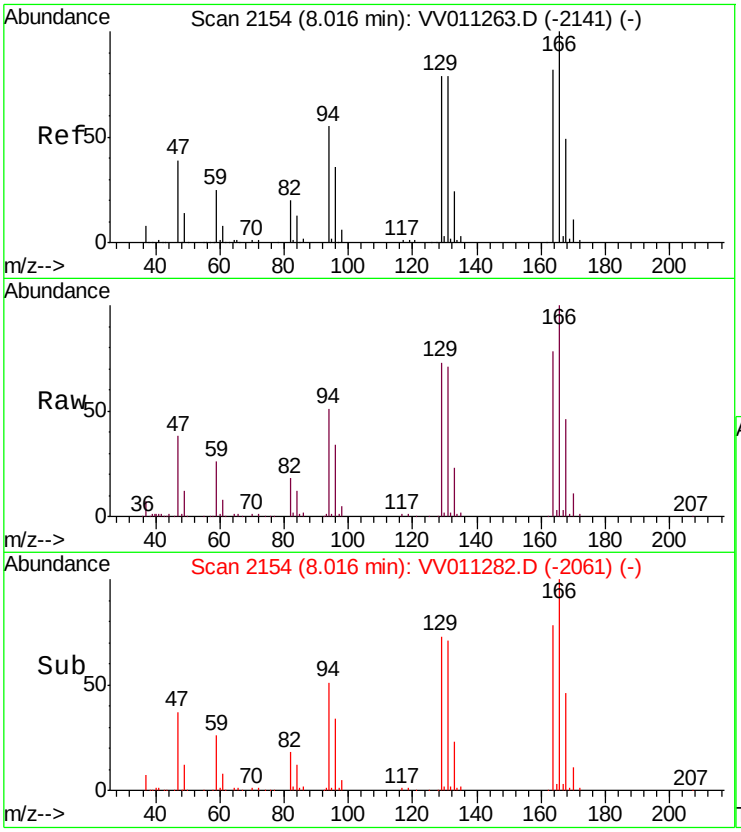


#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Tgt Ion: 75 Resp: 1886

Ion	Ratio	Lower	Upper
75	100		
77	40.1	22.2	41.2



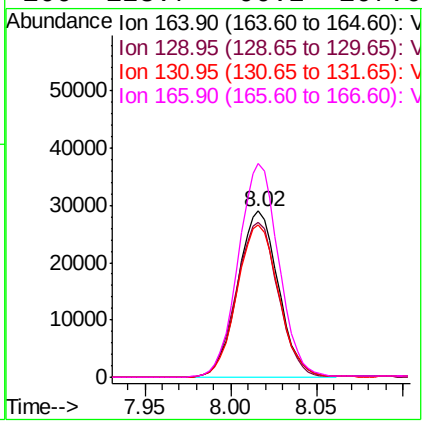


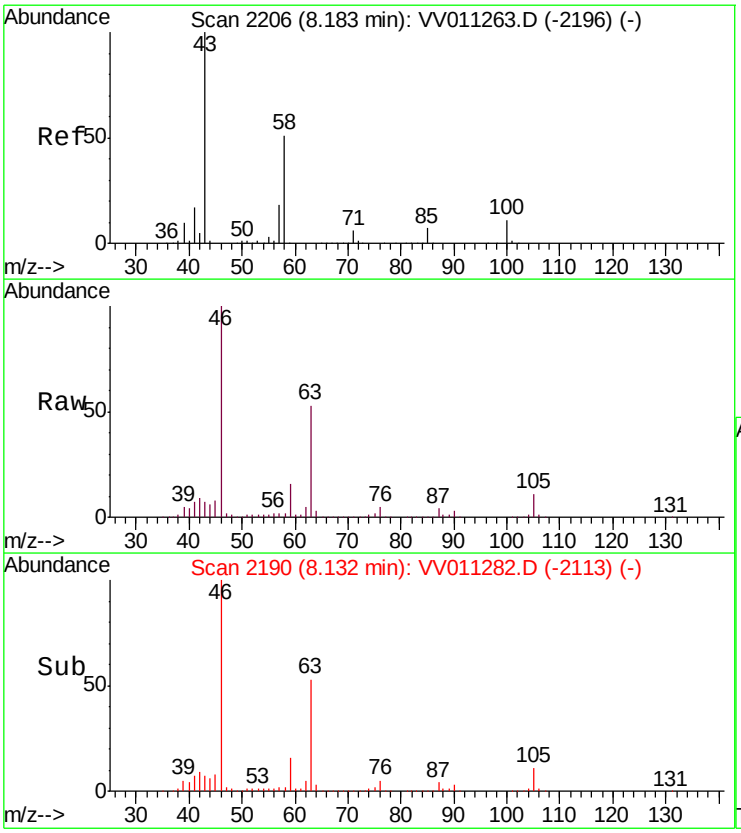
#47
Tetrachloroethene
Concen: 5.434 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Instrument :
MSVOA_V
ClientSampleId :
F9P05

Tgt Ion:164 Resp: 47796

Ion	Ratio	Lower	Upper
164	100		
129	93.7	69.9	129.9
131	91.6	66.8	124.2
166	128.7	90.2	167.6

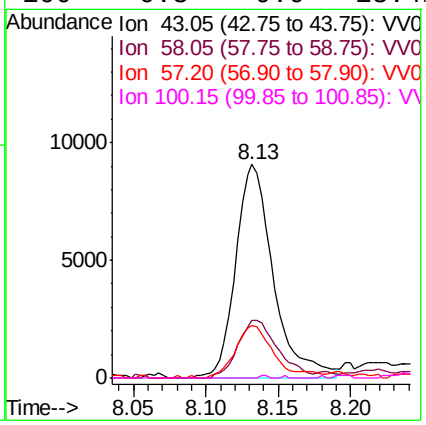


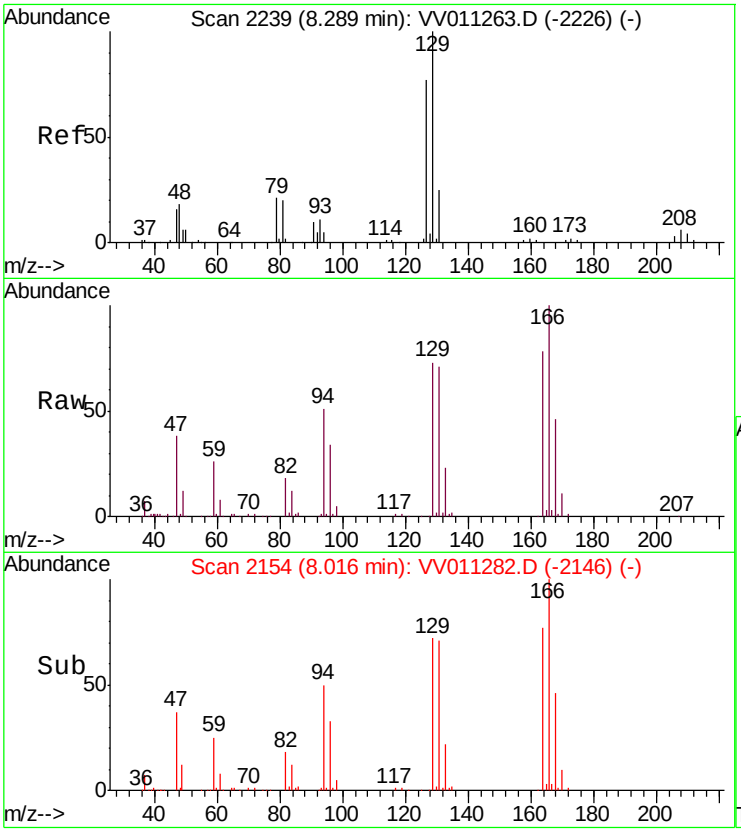


#48
2-Hexanone
Concen: 3.151 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Tgt Ion: 43 Resp: 16408

Ion	Ratio	Lower	Upper
43	100		
58	28.7	41.4	62.0#
57	25.5	15.0	22.4#
100	0.3	9.0	13.4#





#49
Dibromochloromethane
Concen: 4.963 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011282.D
Acq: 07 Jun 2019 09:35

Tgt Ion:129 Resp: 42310

Ion	Ratio	Lower	Upper
129	100		
127	0.6	53.7	99.7#

Instrument :
MSVOA_V
ClientSampleId :
F9P05