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

Quantitation Report (Not Reviewed)

Data File : VV014141.D
Acq On : 19 Dec 2019 19:47
Operator : SY/MD
Sample : K6286-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDY9

Quant Time: Dec 20 07:17:48 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	357310	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	348010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149514	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	89693	4.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.20%			
7) Chloroethane-d5	1.58	69	91813	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.13	63	117077	3.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%			
20) 2-Butanone-d5	3.92	46	289084	62.88	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.76%			
24) Chloroform-d	4.40	84	213241	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.08	65	109536	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.10	84	368467	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.00%			
36) 1,2-Dichloropropane-d6	6.11	67	129065	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.36	98	263350	3.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 62.60%#			
43) trans-1,3-Dichloropropene-	7.66	79	38050	3.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.00%			
46) 2-Hexanone-d5	8.13	63	186888	48.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.30%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	96676	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	119796	4.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.35	85	1852	0.078	ug/L	93
9) Trichlorofluoromethane	1.77	101	6179	0.186	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2037	0.103	ug/L #	54
12) 1,1-Dichloroethene	2.14	96	2927	0.170	ug/L #	1
13) Acetone	2.30	43	4232	1.316	ug/L	92
14) Carbon disulfide	2.32	76	4157	0.105	ug/L #	63
18) trans-1,2-Dichloroethene	2.79	96	9813	0.506	ug/L	95
19) 1,1-Dichloroethane	3.23	63	18345	0.474	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	250555	11.014	ug/L	96
25) Chloroform	4.42	83	10120	0.246	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	7128	0.200	ug/L	95
34) Trichloroethene	5.95	95	483018	20.511	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	1922	0.079	ug/L	99
47) Tetrachloroethene	8.02	164	3350	0.164	ug/L	91
48) 2-Hexanone	8.18	43	10230	1.120	ug/L #	72
63) 1,4-Dichlorobenzene	11.31	146	2732	0.062	ug/L #	86

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

Quantitation Report (Not Reviewed)

Data File : VV014141.D
Acq On : 19 Dec 2019 19:47
Operator : SY/MD
Sample : K6286-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDY9

Quant Time: Dec 20 07:17:48 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)

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

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

Quantitation Report (Not Reviewed)

Data File : VV014141.D
Acq On : 19 Dec 2019 19:47
Operator : SY/MD
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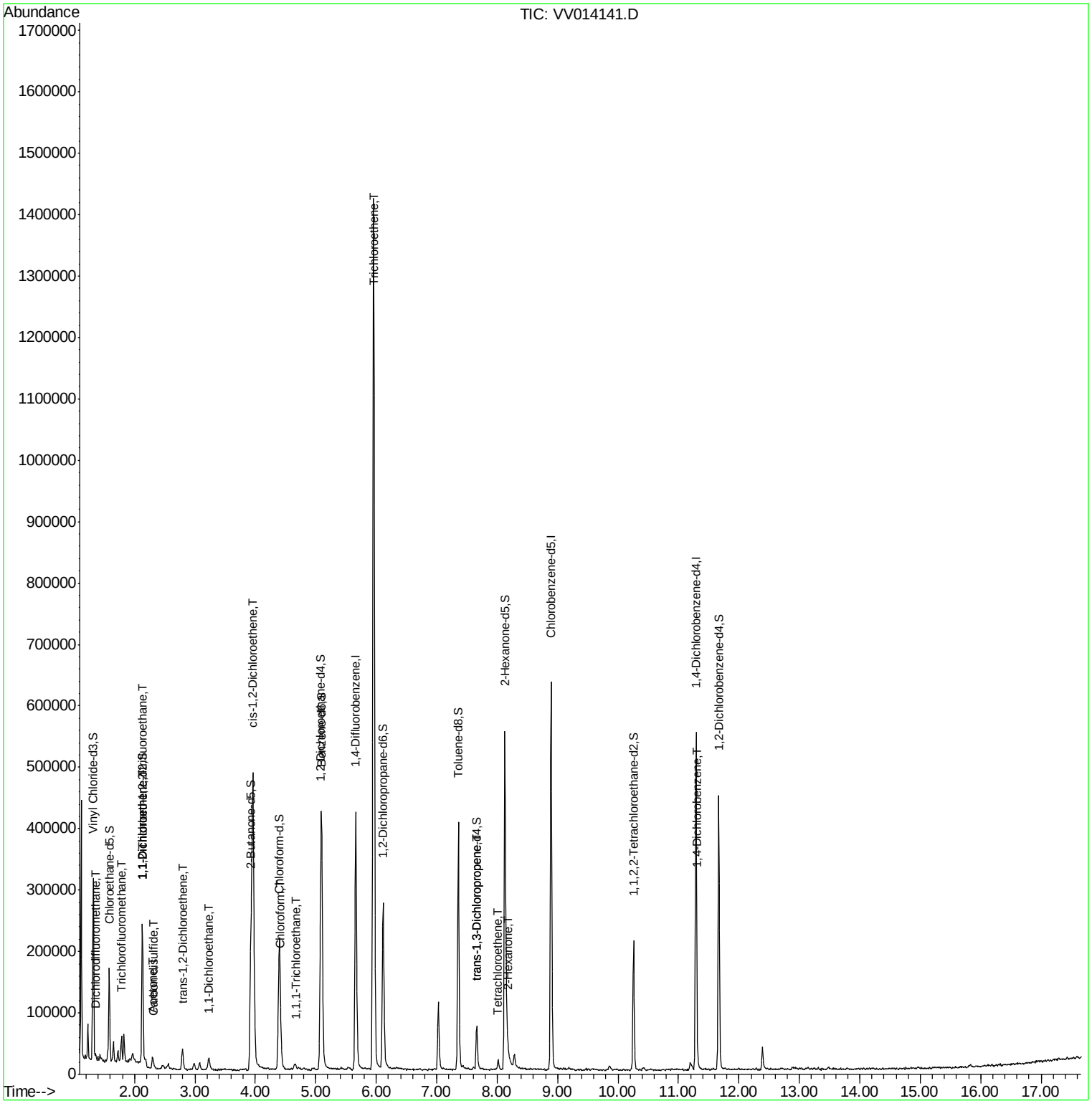
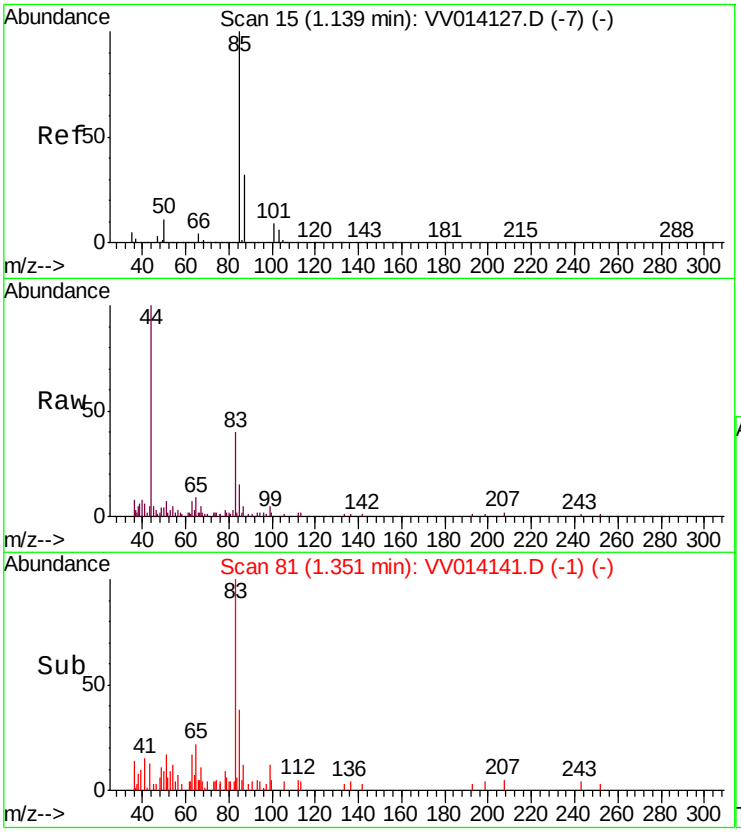
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 07:12:45 2019
Response via : Initial Calibration



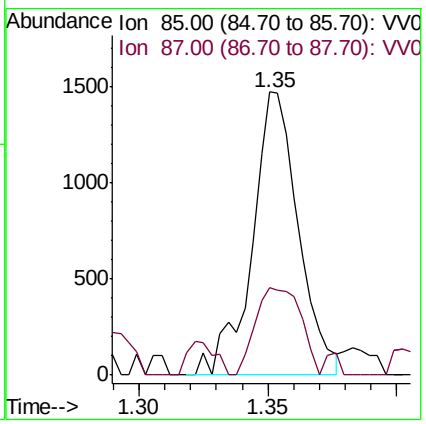


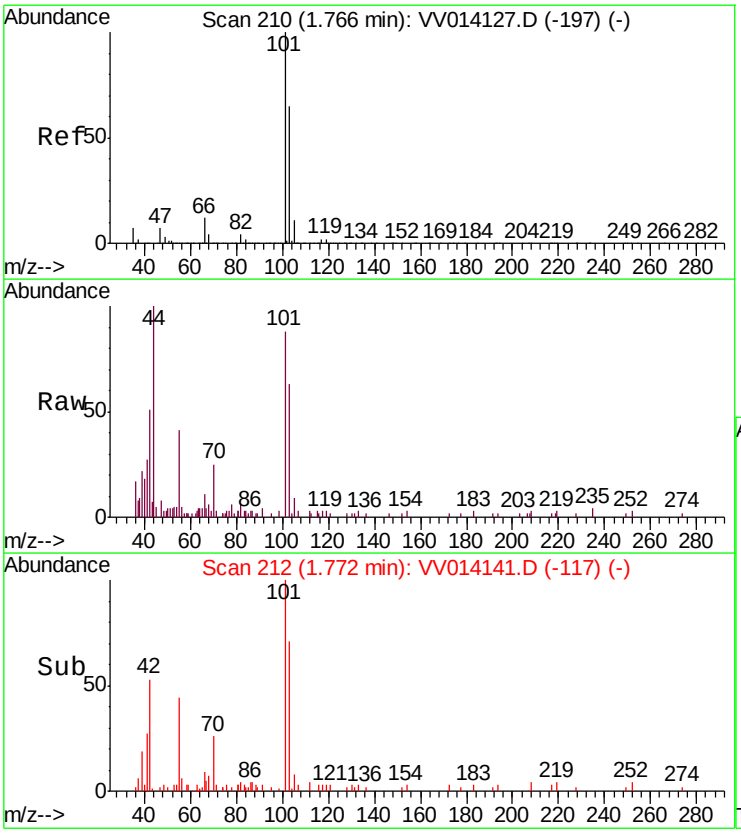
#2
Dichlorodifluoromethane
Concen: 0.078 ug/L
RT: 1.35 min Scan# 81
Delta R.T. 0.21 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Instrument :
MSVOA_V
ClientSampleId :
BFDY9

Tgt Ion: 85 Resp: 1852

Ion	Ratio	Lower	Upper
85	100		
87	30.3	27.4	41.2

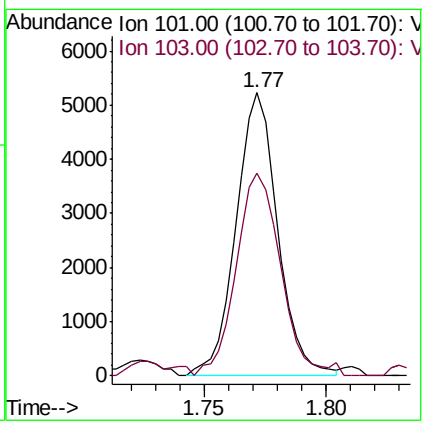


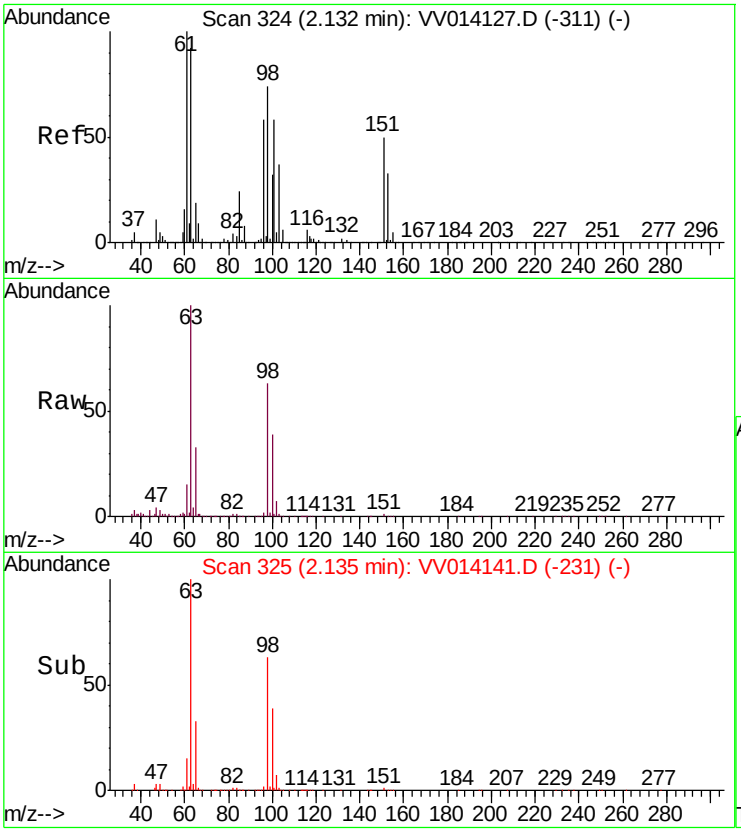


#9
Trichlorofluoromethane
Concen: 0.186 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.01 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Tgt Ion:101 Resp: 6179

Ion	Ratio	Lower	Upper
101	100		
103	76.9	52.9	79.3



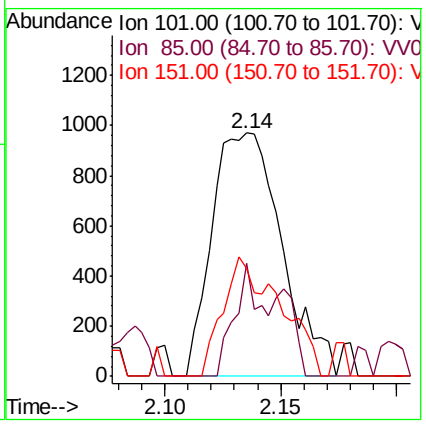


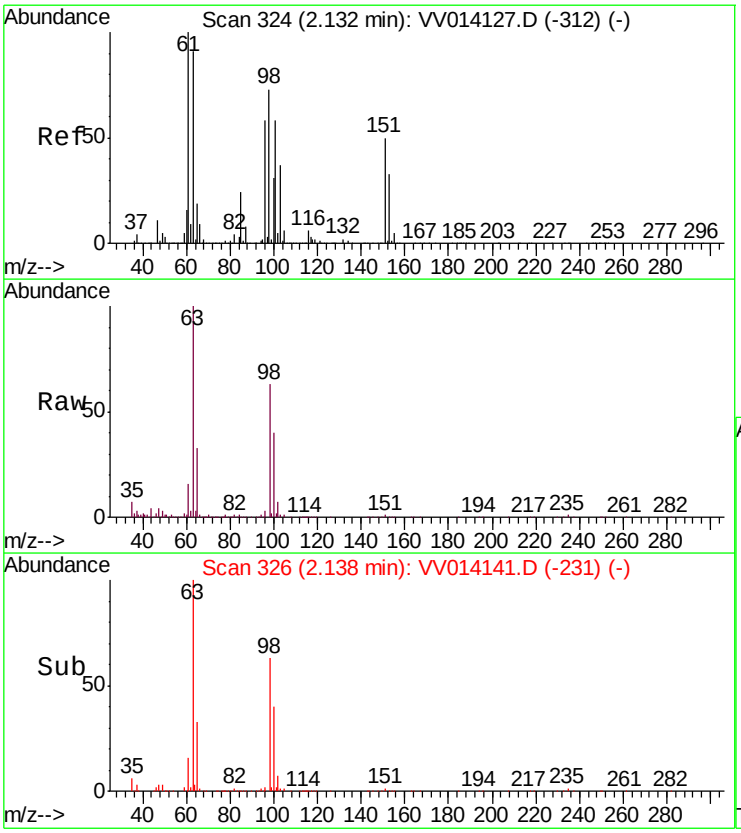
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.103 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Instrument :
MSVOA_V
ClientSampleId :
BFDY9

Tgt Ion:101 Resp: 2037

Ion	Ratio	Lower	Upper
101	100		
85	17.6	33.4	50.0#
151	40.4	69.4	104.0#

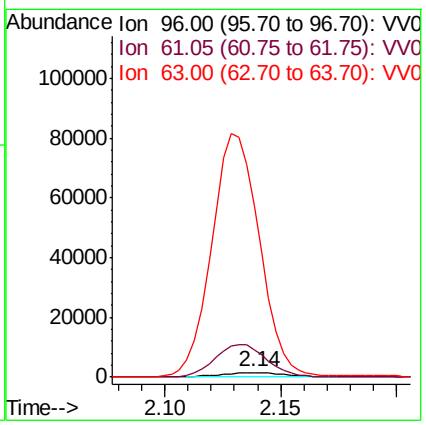


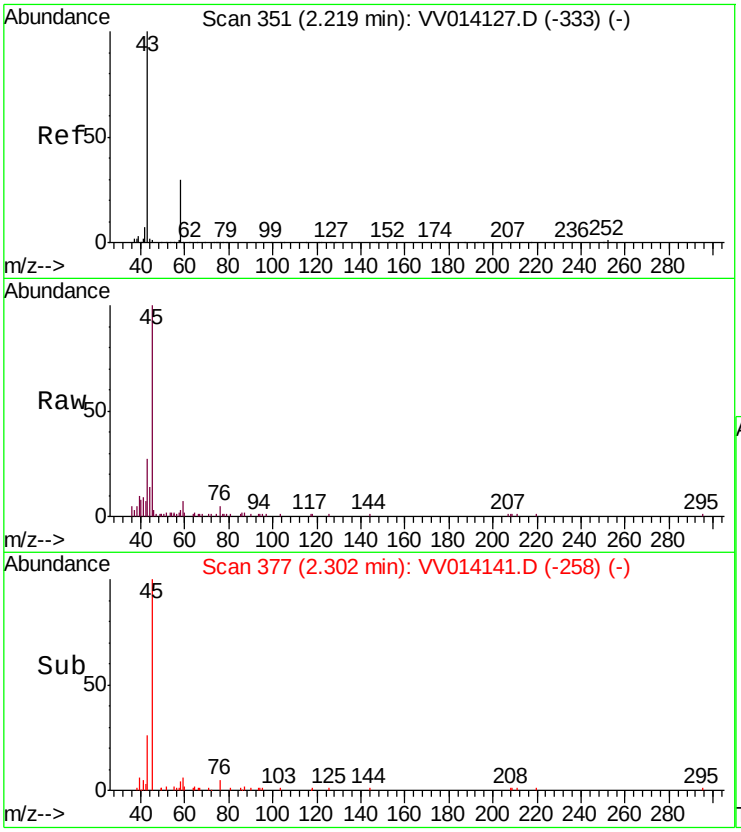


#12
1,1-Dichloroethene
Concen: 0.170 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Tgt Ion: 96 Resp: 2927

Ion	Ratio	Lower	Upper
96	100		
61	603.4	116.3	215.9#
63	3721.1	96.7	179.7#



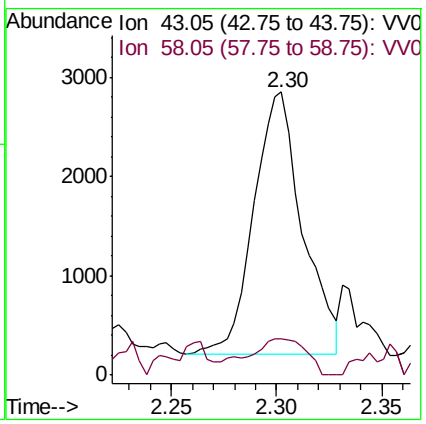


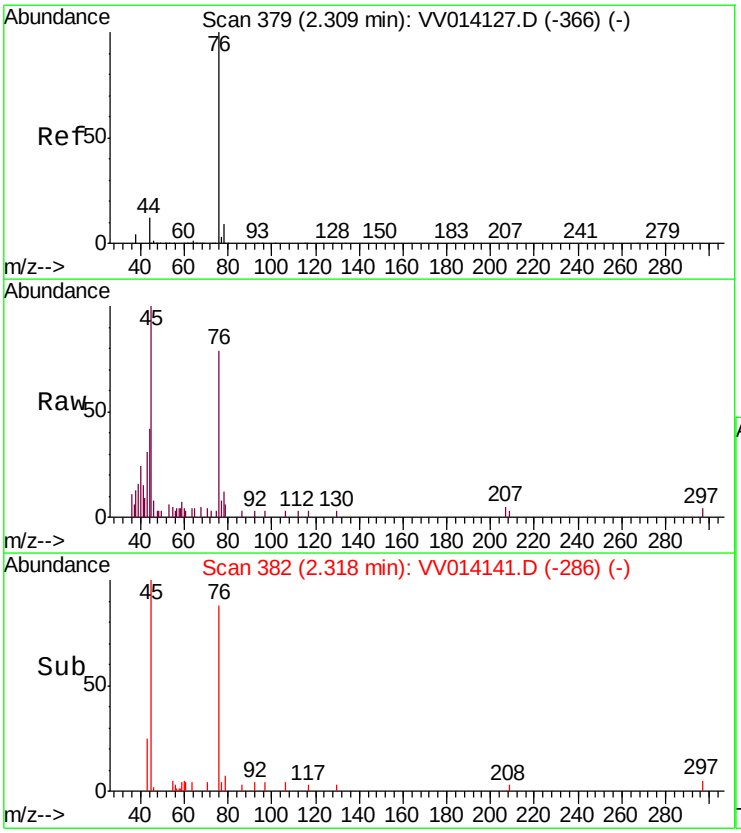
#13
Acetone
Concen: 1.316 ug/L
RT: 2.30 min Scan# 377
Delta R.T. 0.08 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Instrument :
MSVOA_V
ClientSampleId :
BFDY9

Tgt Ion: 43 Resp: 4232

Ion	Ratio	Lower	Upper
43	100		
58	17.0	0.0	27.2

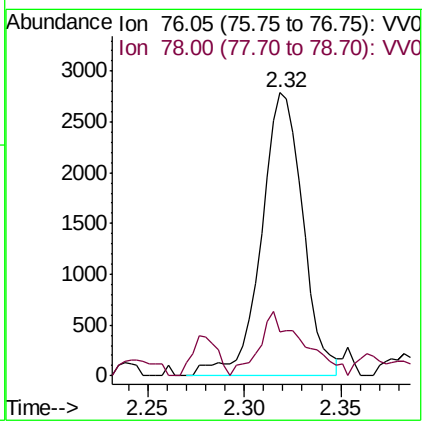


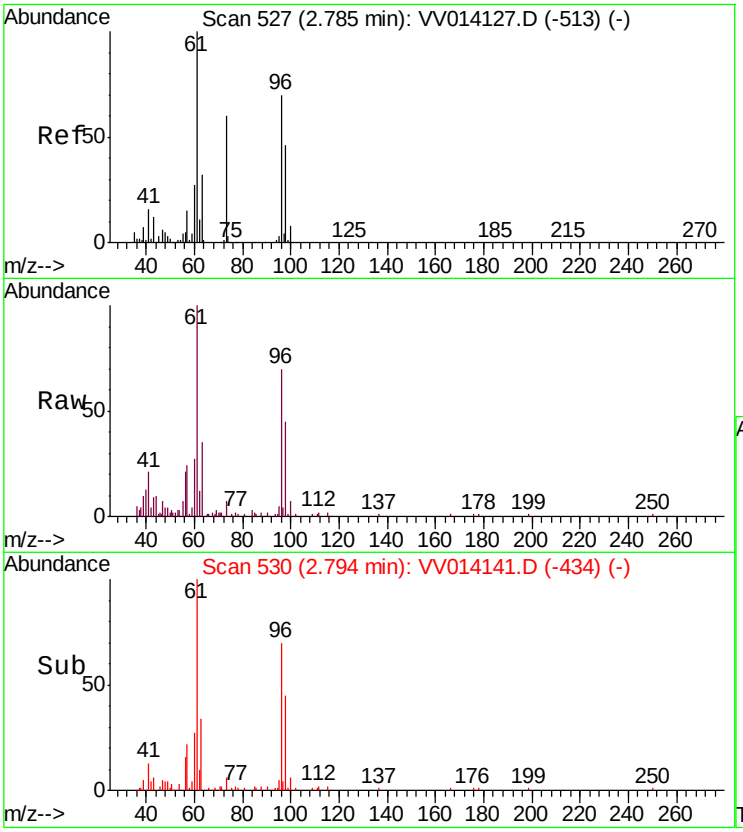


#14
Carbon disulfide
Concen: 0.105 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Tgt Ion: 76 Resp: 4157

Ion	Ratio	Lower	Upper
76	100		
78	23.0	7.5	11.3#



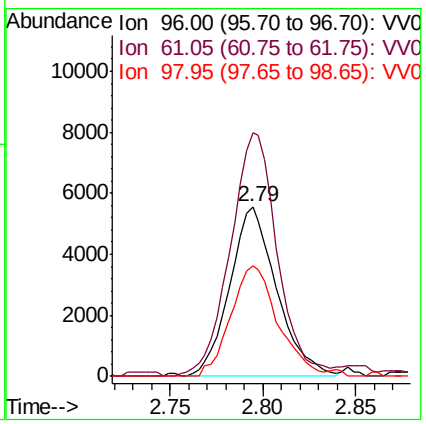


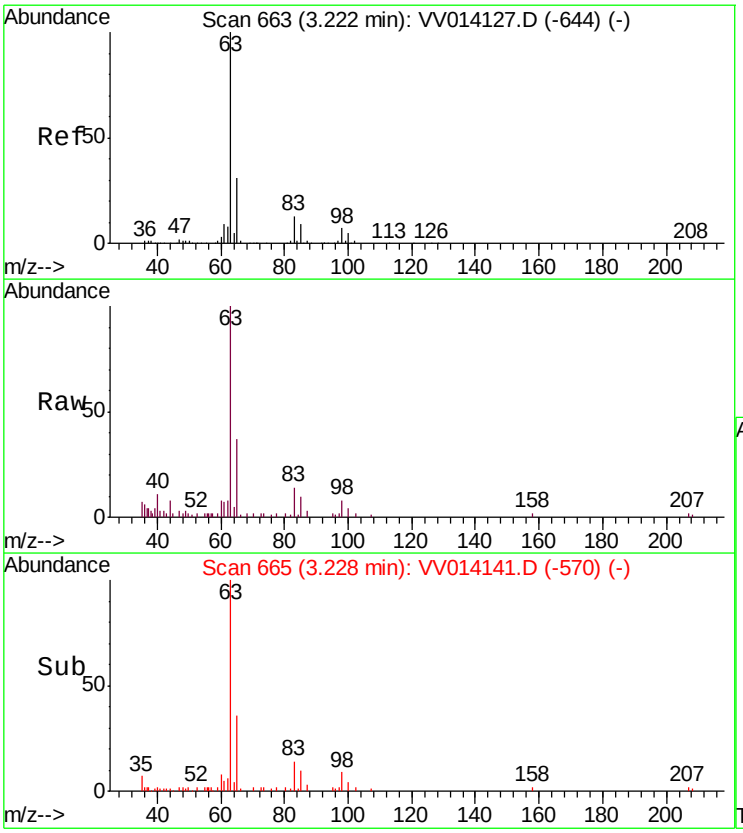
#18
trans-1,2-Dichloroethene
Concen: 0.506 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Instrument : MSVOA_V
ClientSampleId : BFDY9

Tgt Ion: 96 Resp: 9813

Ion	Ratio	Lower	Upper
96	100		
61	143.7	95.1	176.7
98	65.0	46.5	86.3

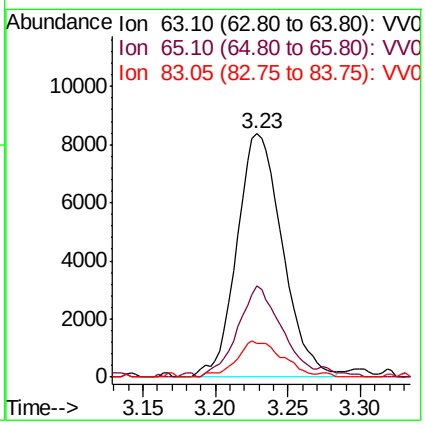


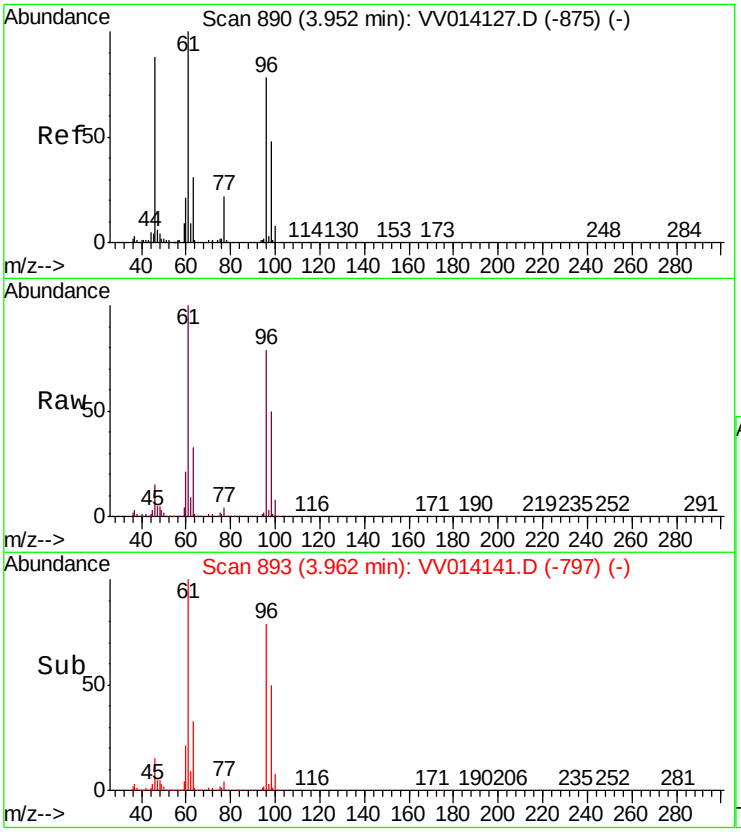


#19
1,1-Dichloroethane
Concen: 0.474 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.01 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Tgt Ion: 63 Resp: 18345

Ion	Ratio	Lower	Upper
63	100		
65	37.3	22.7	42.1
83	13.9	9.2	17.2



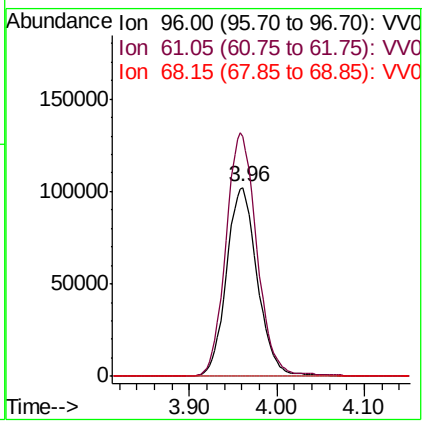


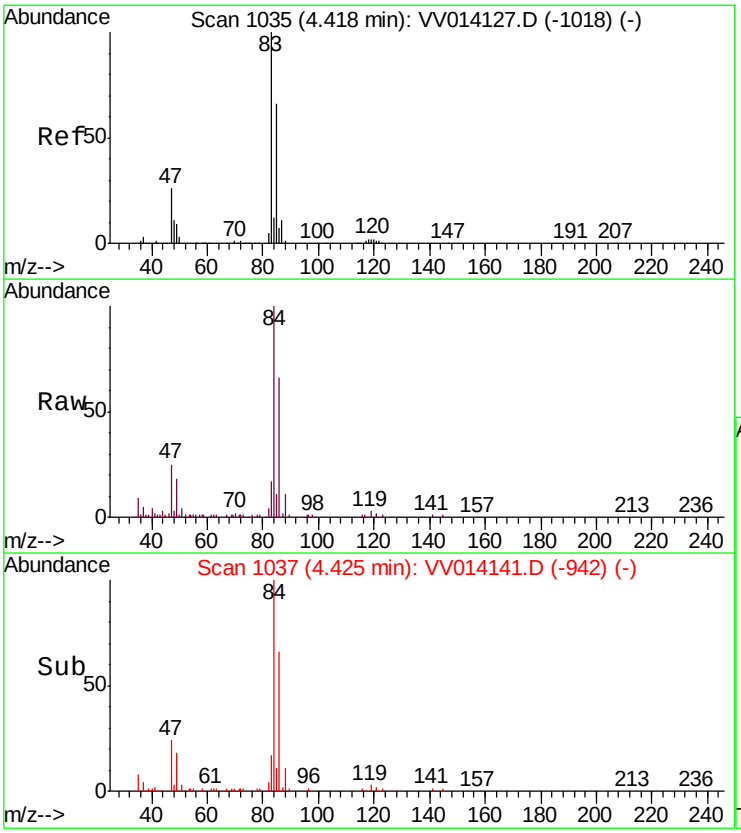
#22
cis-1,2-Dichloroethene
Concen: 11.014 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Instrument :
MSVOA_V
ClientSampleId :
BFDY9

Tgt Ion: 96 Resp: 250555

Ion	Ratio	Lower	Upper
96	100		
61	127.0	86.1	159.9
68	0.0	0.0	0.0

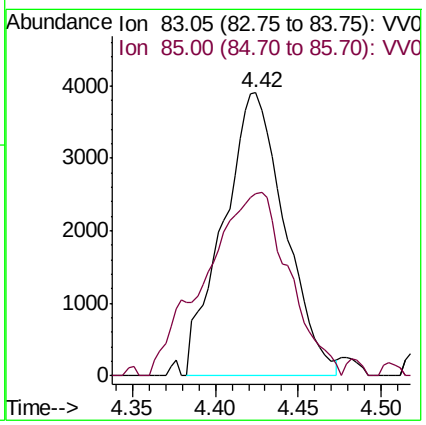


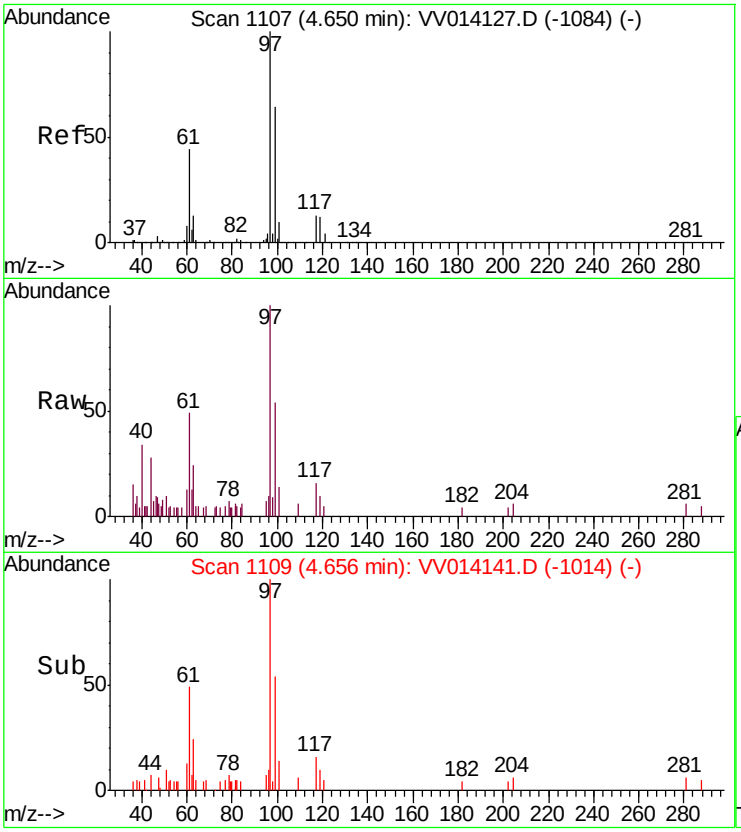


#25
Chloroform
Concen: 0.246 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Tgt Ion: 83 Resp: 10120

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.1	83.7



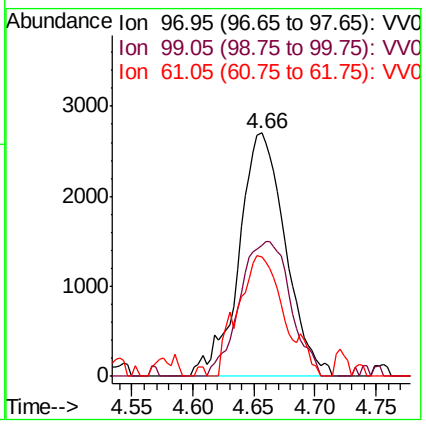


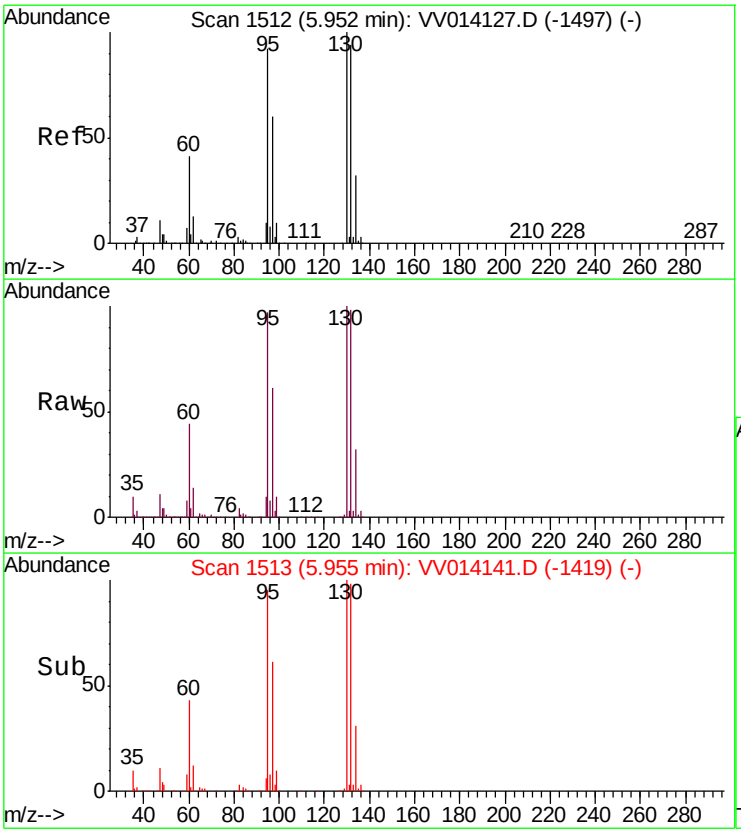
#29
1,1,1-Trichloroethane
Concen: 0.200 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Instrument : MSVOA_V
ClientSampleId : BFDY9

Tgt Ion: 97 Resp: 7128

Ion	Ratio	Lower	Upper
97	100		
99	60.5	51.7	77.5
61	46.1	35.0	52.6

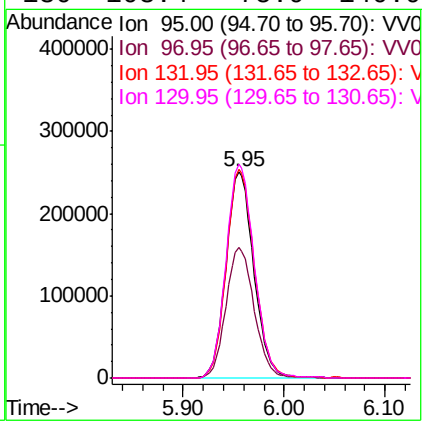


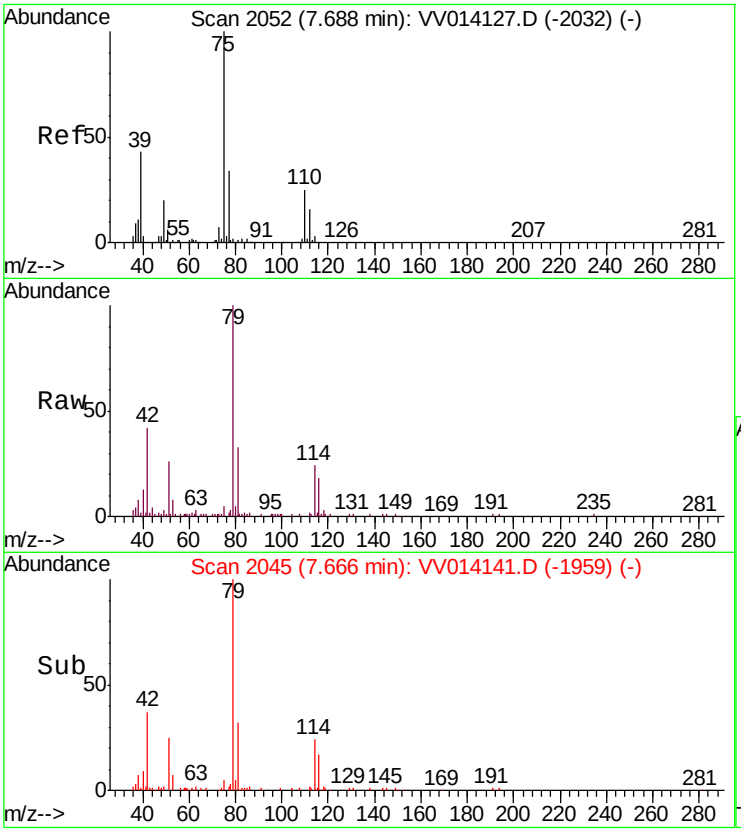


#34
Trichloroethene
Concen: 20.511 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Tgt Ion: 95 Resp: 483018

Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.6	84.8
132	101.0	70.5	130.9
130	103.4	75.9	140.9



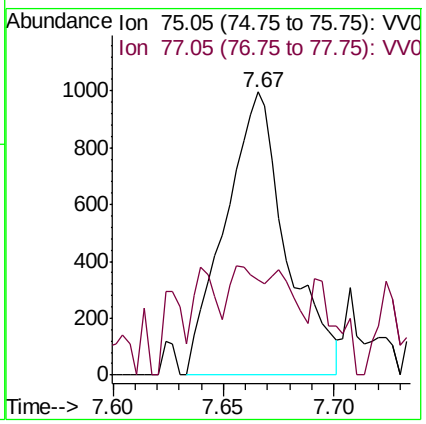


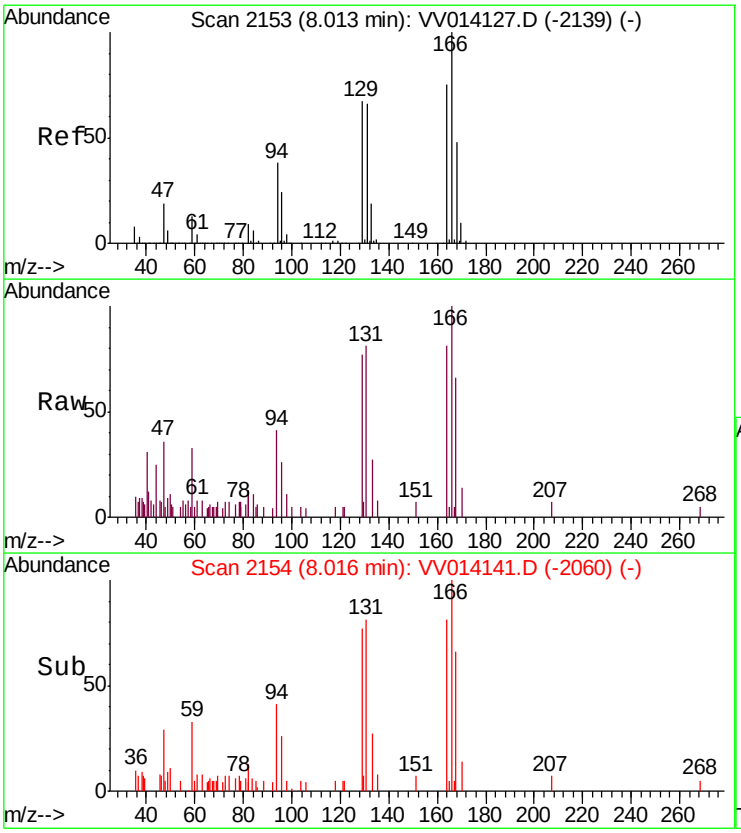
#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.02 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Instrument : MSVOA_V
ClientSampleId : BFDY9

Tgt Ion: 75 Resp: 1922

Ion	Ratio	Lower	Upper
75	100		
77	33.6	23.0	42.8

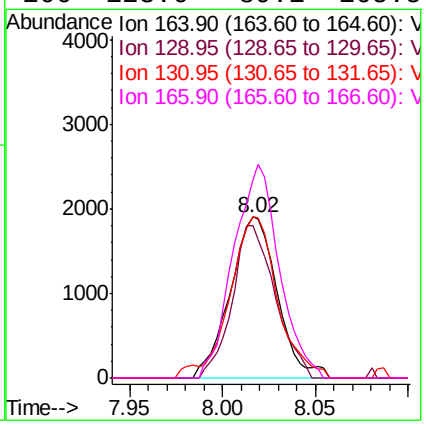


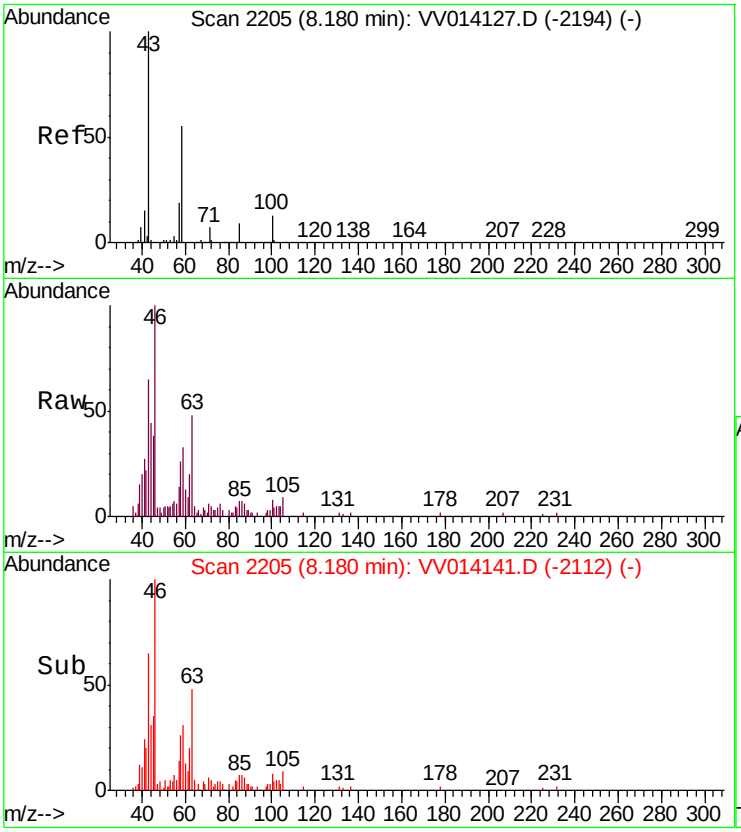


#47
Tetrachloroethene
Concen: 0.164 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Tgt Ion:164 Resp: 3350

Ion	Ratio	Lower	Upper
164	100		
129	95.0	60.3	112.1
131	100.3	59.9	111.3
166	123.6	89.1	165.5



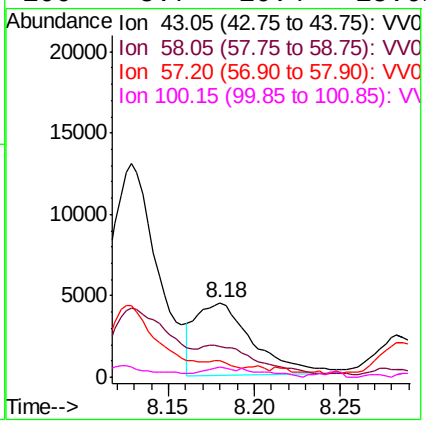


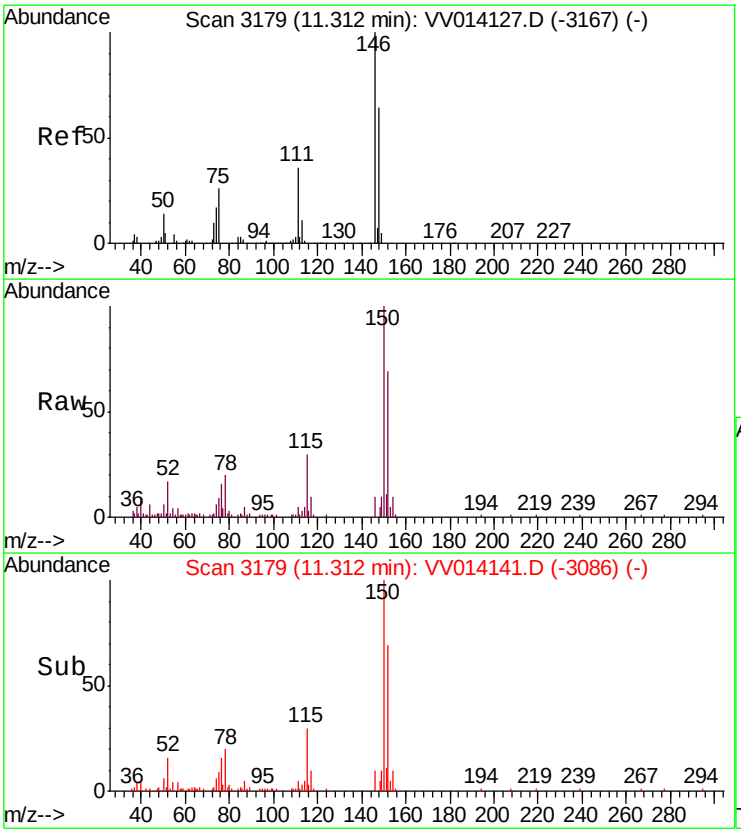
#48
2-Hexanone
Concen: 1.120 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Instrument : MSVOA_V
ClientSampleId : BFDY9

Tgt Ion: 43 Resp: 10230

Ion	Ratio	Lower	Upper
43	100		
58	36.2	43.2	64.8#
57	0.0	15.4	23.2#
100	5.7	10.4	15.6#





#63
1,4-Dichlorobenzene
Concen: 0.062 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. -0.00 min
Lab File: VV014141.D
Acq: 19 Dec 2019 19:47

Tgt Ion:146 Resp: 2732

Ion	Ratio	Lower	Upper
146	100		
111	47.9	25.0	46.4#
148	56.5	45.4	84.2