Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011588.D
Acq On : 18 Jun 2019 21:13
Operator : SY/MD
Sample : K3381-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCQ6

Quant Time: Jun 19 02:14:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144269	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57163	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	52897	4.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.20%			
7) Chloroethane-d5	1.55	69	35687	5.17	ug/L	-0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.12	63	297087	14.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 286.40%#			
20) 2-Butanone-d5	3.94	46	194998	63.62	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.24%			
24) Chloroform-d	4.39	84	107735	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.08	65	63429	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%			
32) Benzene-d6	5.09	84	210871	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.11	67	69973	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.00%			
41) Toluene-d8	7.36	98	181929	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	7.66	79	21863	4.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.40%			
46) 2-Hexanone-d5	8.13	63	151990	59.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.80%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56180	5.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 113.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	65461	5.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.80%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	2132	0.153	ug/L	91
5) Vinyl chloride	1.32	62	357474	25.963	ug/L	100
8) Chloroethane	1.57	64	164481	24.670	ug/L	98
9) Trichlorofluoromethane	1.96	101	3634	0.240	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	144833	16.720	ug/L	98
12) 1,1-Dichloroethene	2.13	96	374786	41.771	ug/L #	79
13) Acetone	2.19	43	4496	2.177	ug/L	99
16) Methylene chloride	2.52	84	5600	0.549	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	8916	0.879	ug/L	95
19) 1,1-Dichloroethane	3.22	63	3546054	168.956	ug/L	99
22) cis-1,2-Dichloroethene	3.95	96	2023111	176.018	ug/L #	97
25) Chloroform	4.42	83	12628	0.600	ug/L	94
27) 1,2-Dichloroethane	5.18	62	10438	0.703	ug/L #	89
29) 1,1,1-Trichloroethane	4.65	97	3798979	218.855	ug/L	98
31) Carbon tetrachloride	4.65	117	454761	32.374	ug/L	100
33) Benzene	5.14	78	10303	0.226	ug/L	100
34) Trichloroethene	5.96	95	1714161	147.508	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011588.D
Acq On : 18 Jun 2019 21:13
Operator : SY/MD
Sample : K3381-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCQ6

Quant Time: Jun 19 02:14:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
35) Methylcyclohexane	6.12	83	16513	0.997	ug/L	#	15
44) trans-1,3-Dichloropropene	7.66	75	1218	0.104	ug/L		92
45) 1,1,2-Trichloroethane	7.88	97	6005	0.742	ug/L		97
47) Tetrachloroethene	8.02	164	306513	36.986	ug/L		98
48) 2-Hexanone	8.13	43	21607	3.555	ug/L	#	71
49) Dibromochloromethane	8.02	129	277995	34.170	ug/L	#	12

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011588.D
Acq On : 18 Jun 2019 21:13
Operator : SY/MD
Sample : K3381-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

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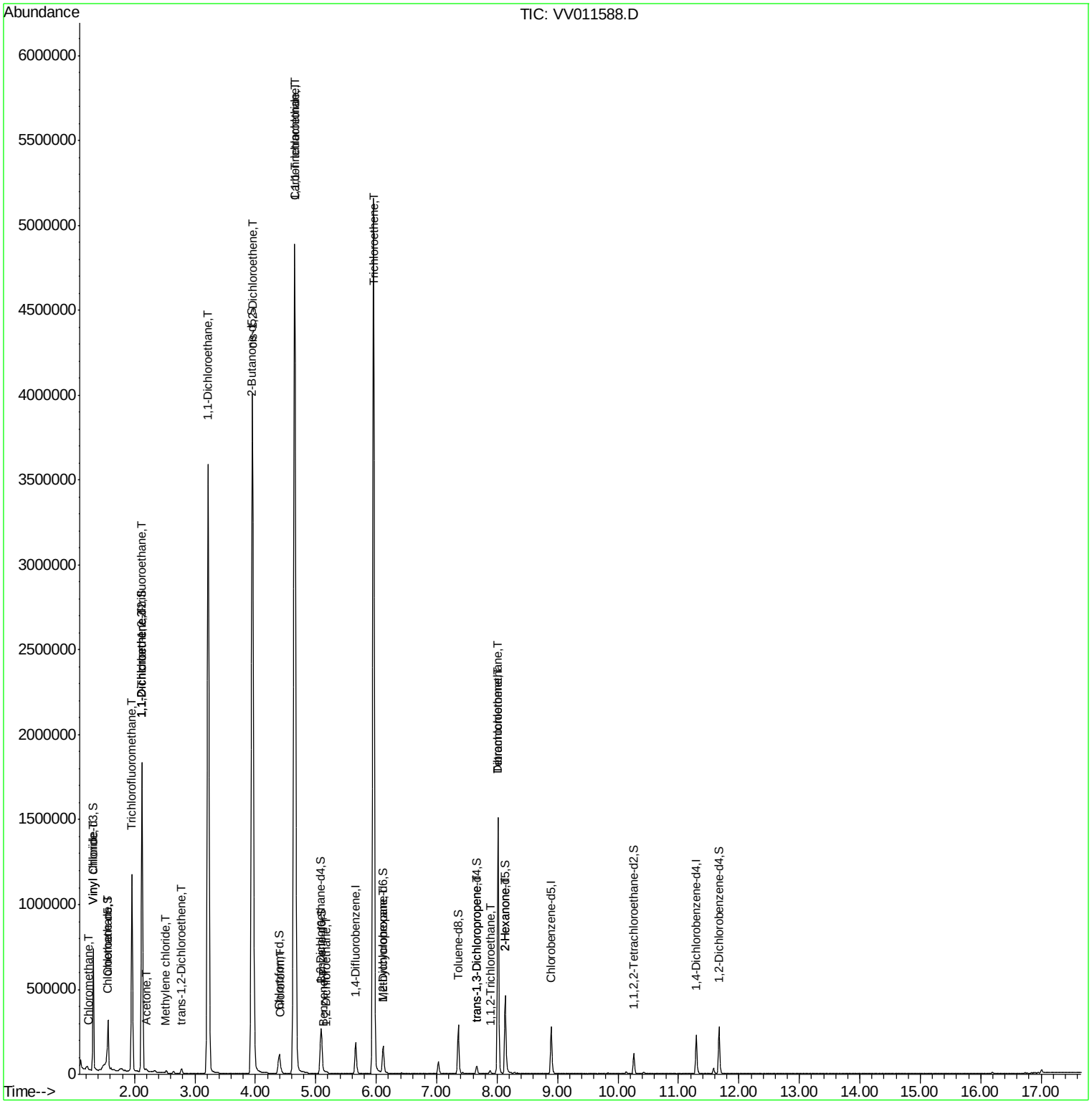
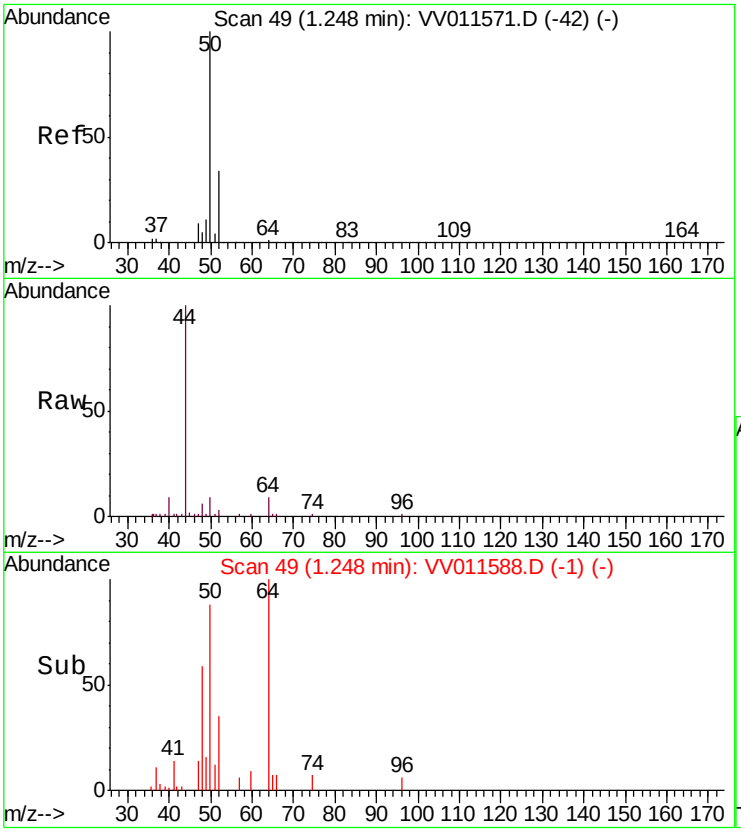
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration



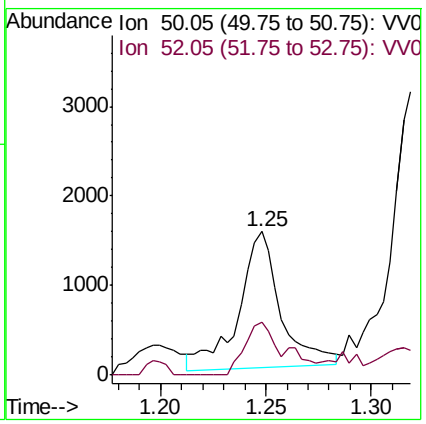


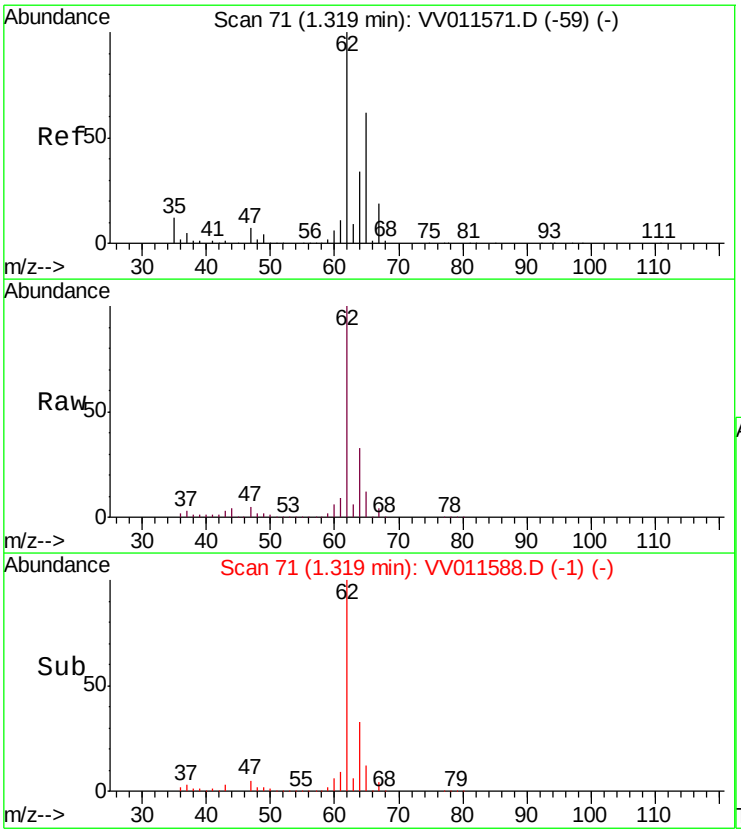
#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion: 50 Resp: 2132

Ion	Ratio	Lower	Upper
50	100		
52	37.4	22.7	42.1

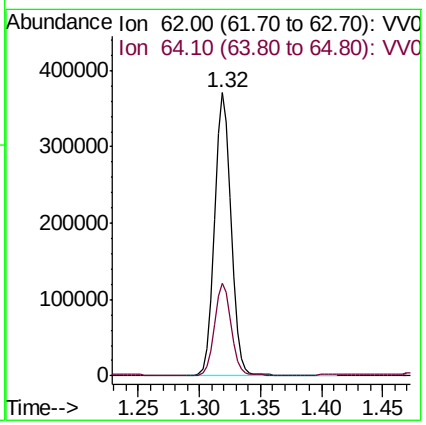


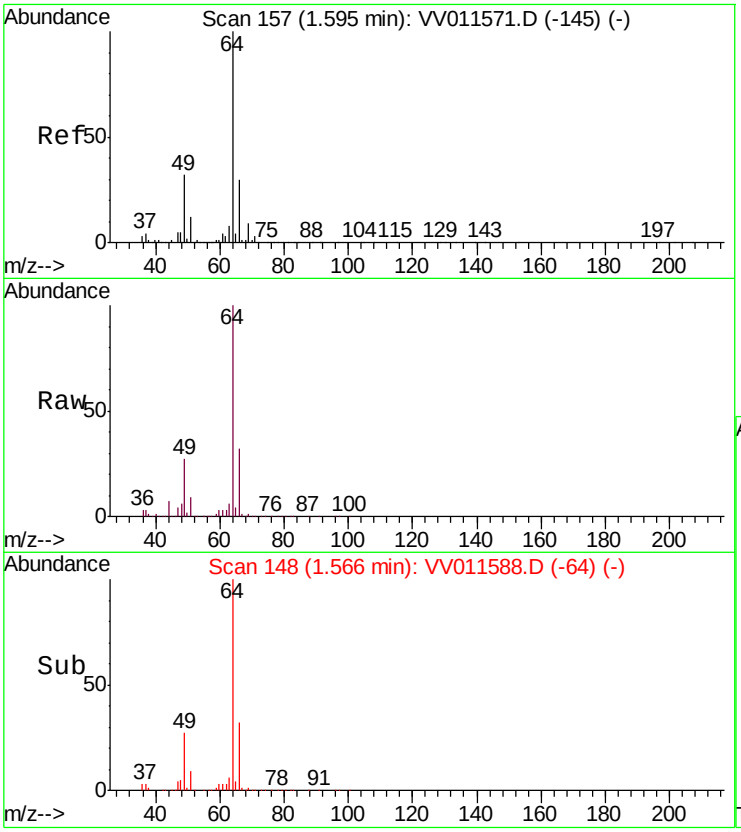


#5
Vinyl chloride
Concen: 25.963 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion: 62 Resp: 357474

Ion	Ratio	Lower	Upper
62	100		
64	32.8	23.0	42.6



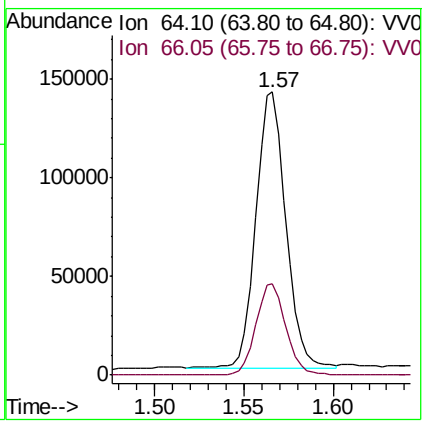


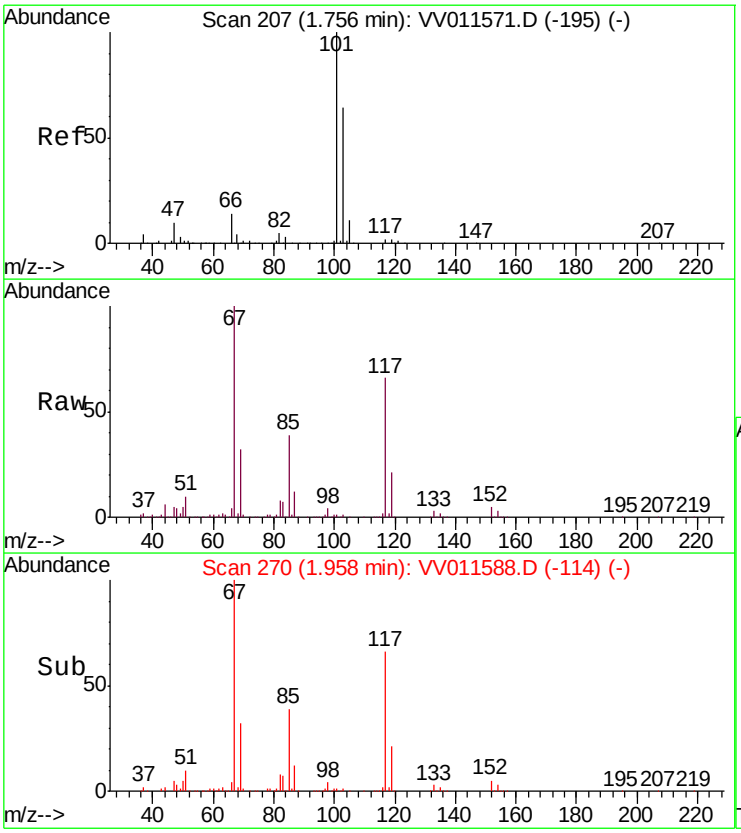
#8
Chloroethane
Concen: 24.670 ug/L
RT: 1.57 min Scan# 148
Delta R.T. -0.03 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument : MSVOA_V
ClientSampleId : BFCQ6

Tgt Ion: 64 Resp: 164481

Ion	Ratio	Lower	Upper
64	100		
66	32.1	21.6	40.2

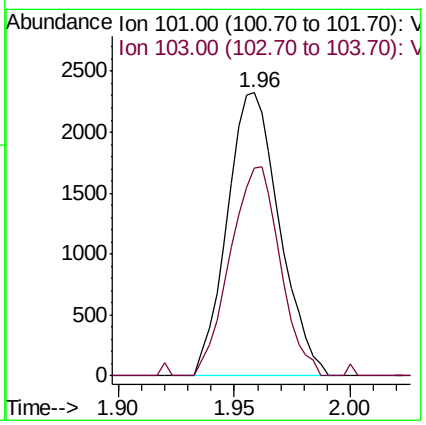


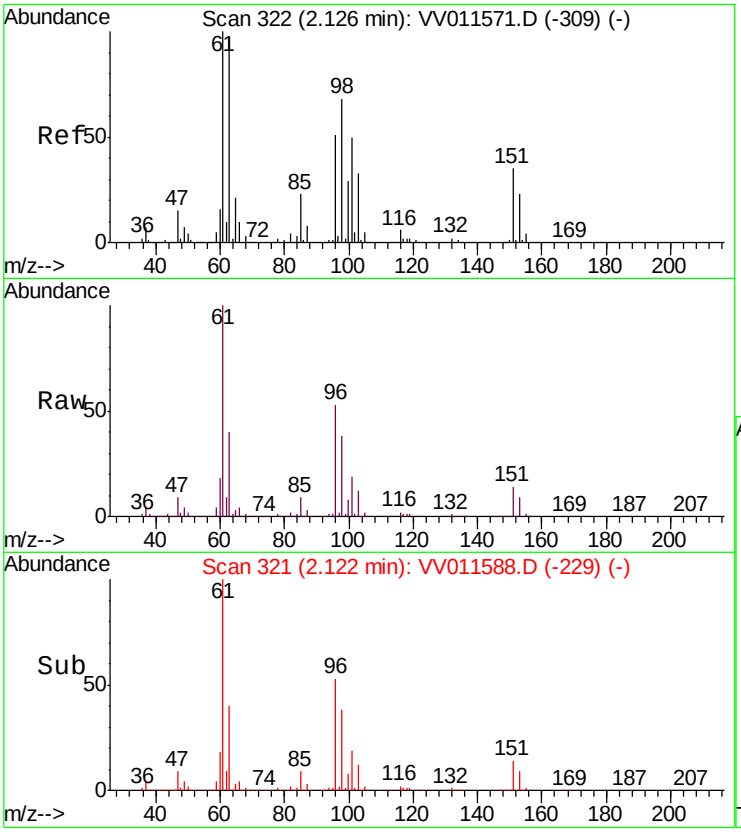


#9
Trichlorofluoromethane
Concen: 0.240 ug/L
RT: 1.96 min Scan# 270
Delta R.T. 0.20 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion:101 Resp: 3634

Ion	Ratio	Lower	Upper
101	100		
103	70.8	52.5	78.7



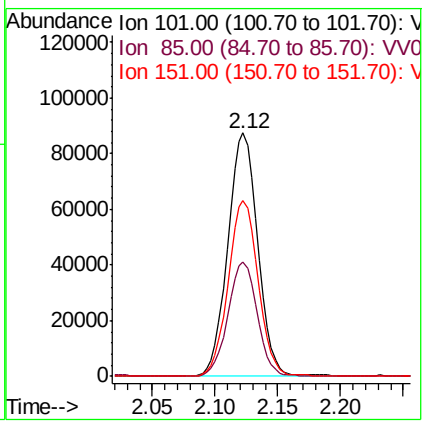


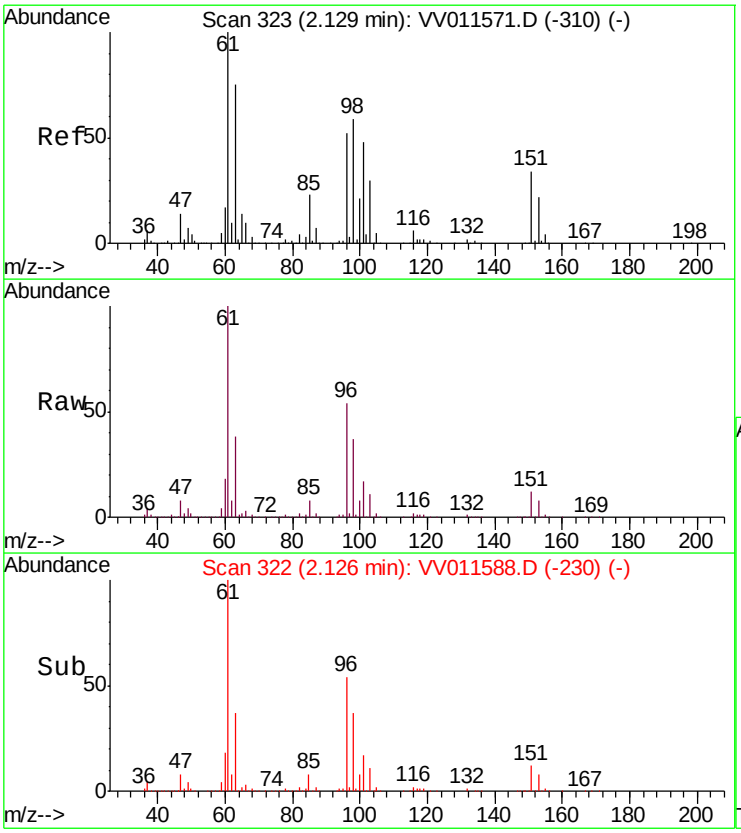
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 16.720 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion:101 Resp: 144833

Ion	Ratio	Lower	Upper
101	100		
85	45.3	37.3	55.9
151	72.0	59.4	89.2

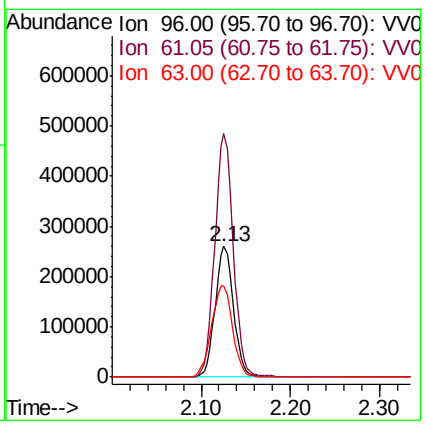


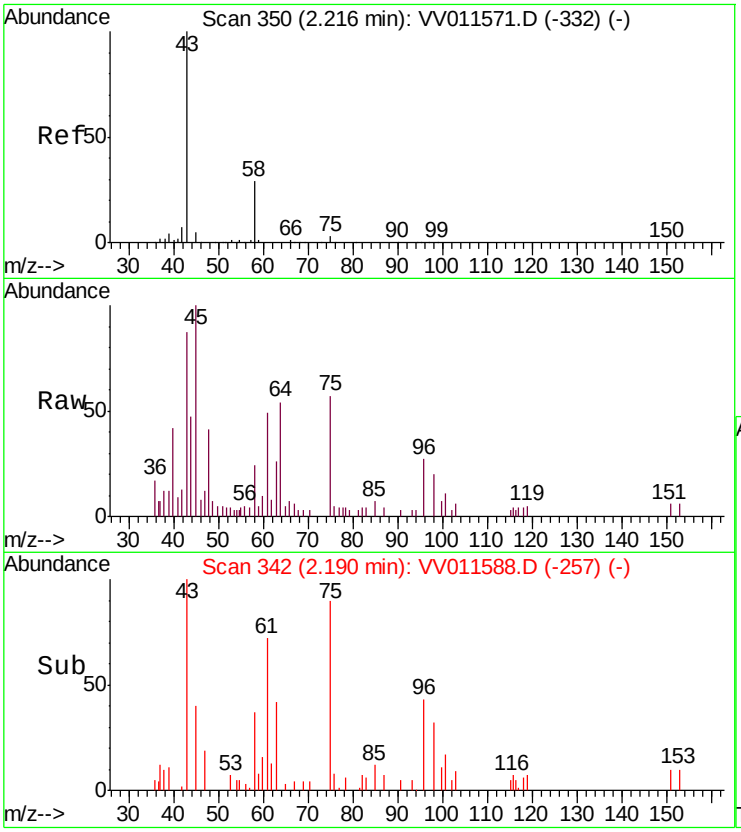


#12
1,1-Dichloroethene
Concen: 41.771 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion: 96 Resp: 374786

Ion	Ratio	Lower	Upper
96	100		
61	186.6	135.9	252.5
63	70.0	86.2	160.2#



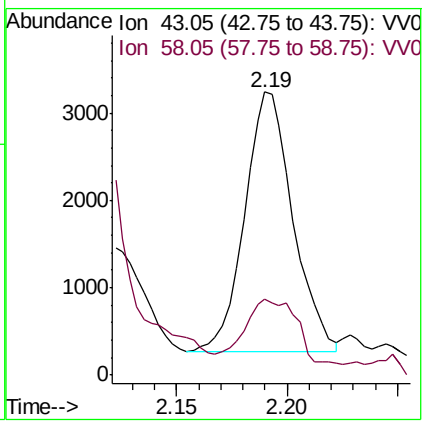


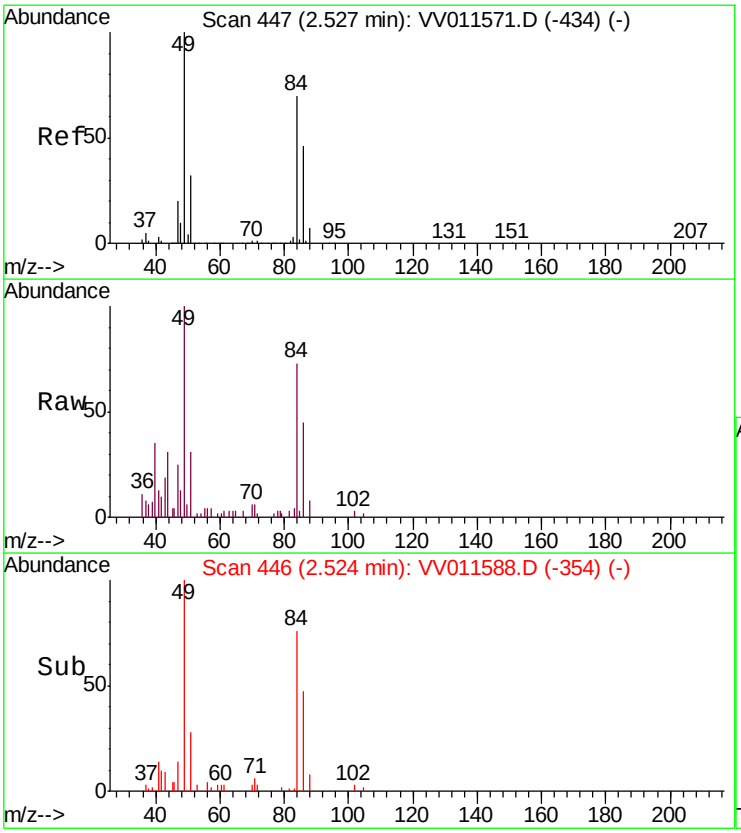
#13
Acetone
Concen: 2.177 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.03 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion: 43 Resp: 4496

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	57.8

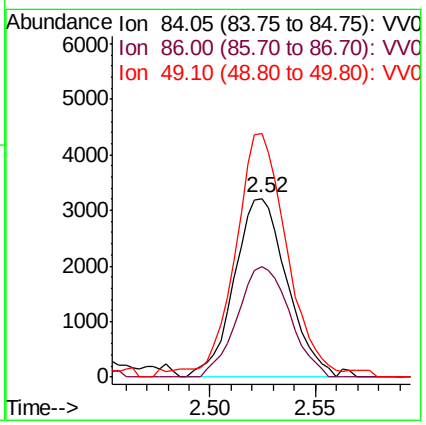


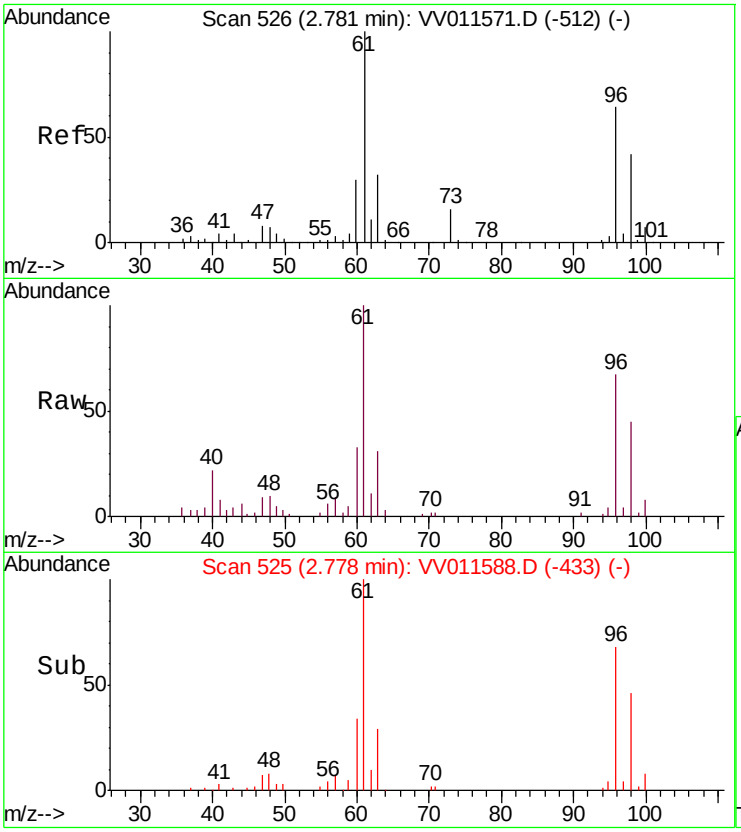


#16
Methylene chloride
Concen: 0.549 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion: 84 Resp: 5600

Ion	Ratio	Lower	Upper
84	100		
86	61.6	42.5	78.9
49	136.1	97.7	181.5



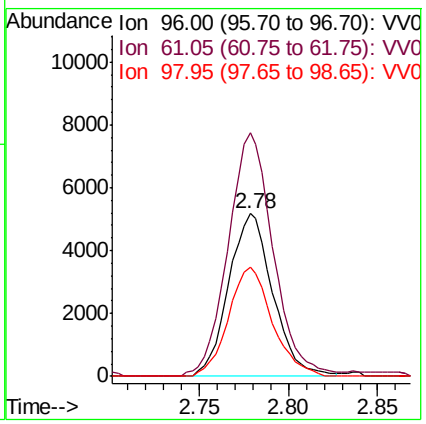


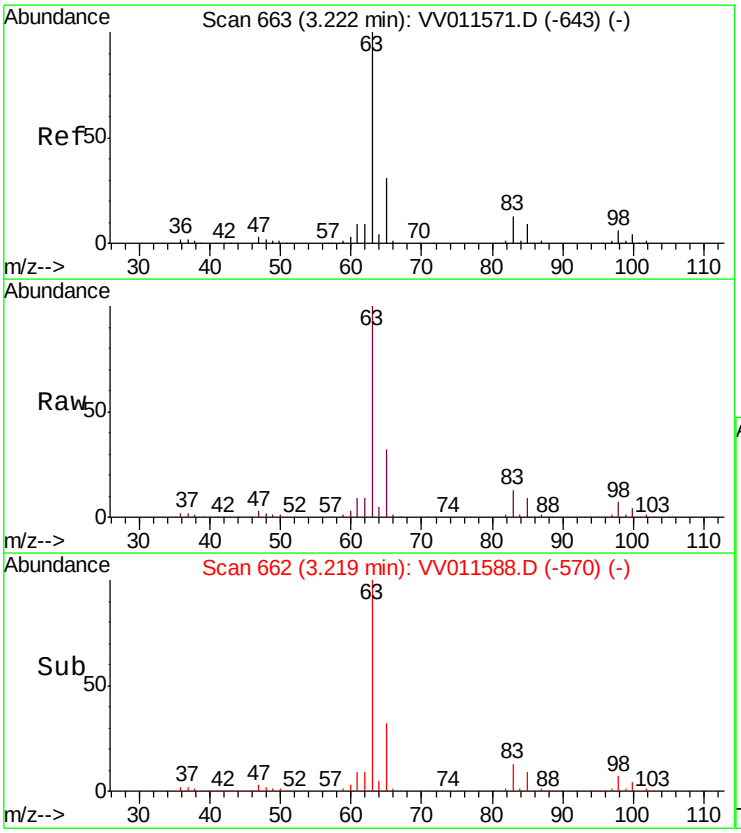
#18
trans-1,2-Dichloroethene
Concen: 0.879 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion: 96 Resp: 8916

Ion	Ratio	Lower	Upper
96	100		
61	149.6	110.0	204.4
98	66.8	45.8	85.0

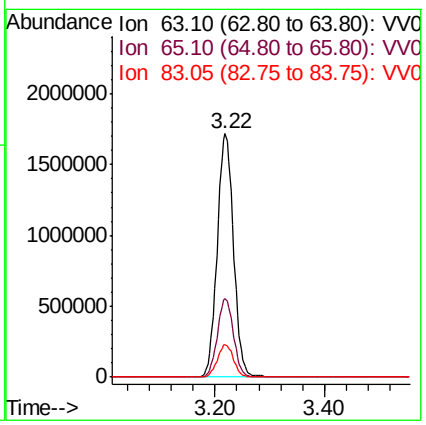


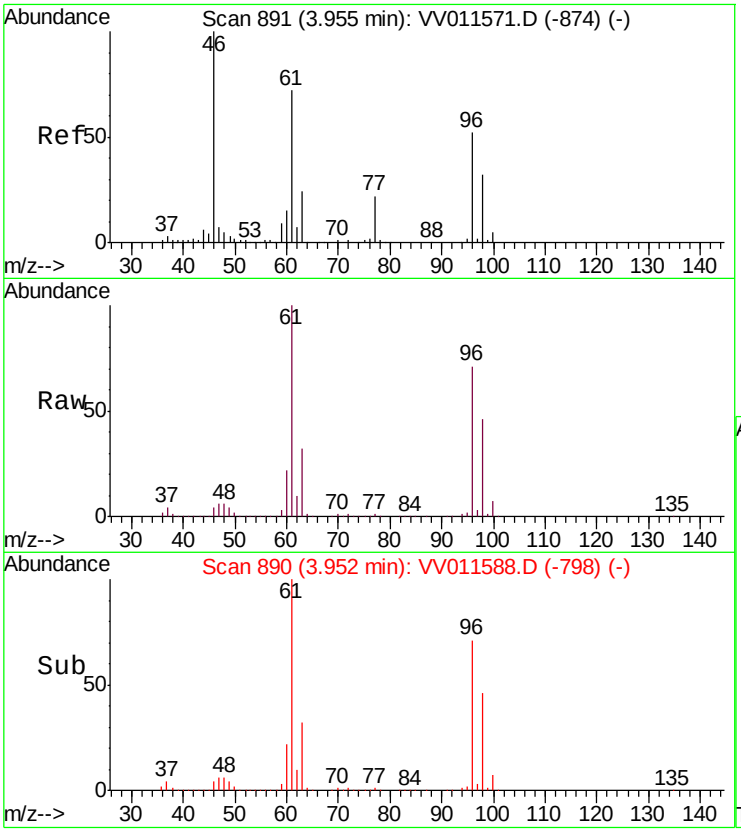


#19
1,1-Dichloroethane
Concen: 168.956 ug/L
RT: 3.22 min Scan# 662
Delta R.T. -0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion: 63 Resp: 3546054

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.5	41.9
83	13.5	10.1	18.9



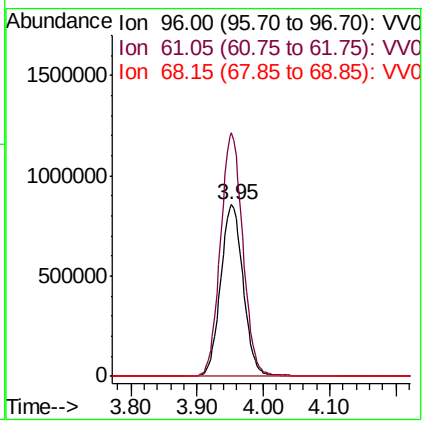


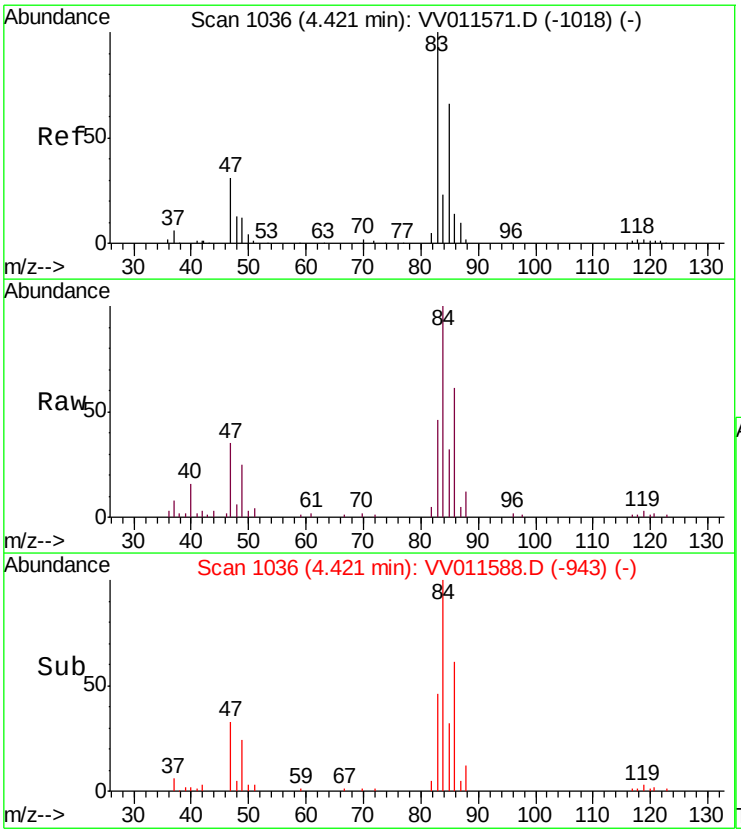
#22
cis-1,2-Dichloroethene
Concen: 176.018 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion: 96 Resp: 2023111

Ion	Ratio	Lower	Upper
96	100		
61	141.8	102.2	189.8
68	0.0	0.0	0.0#

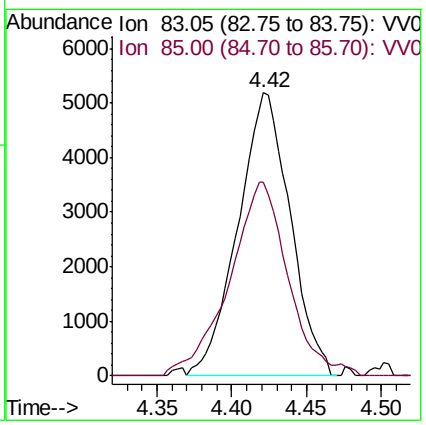


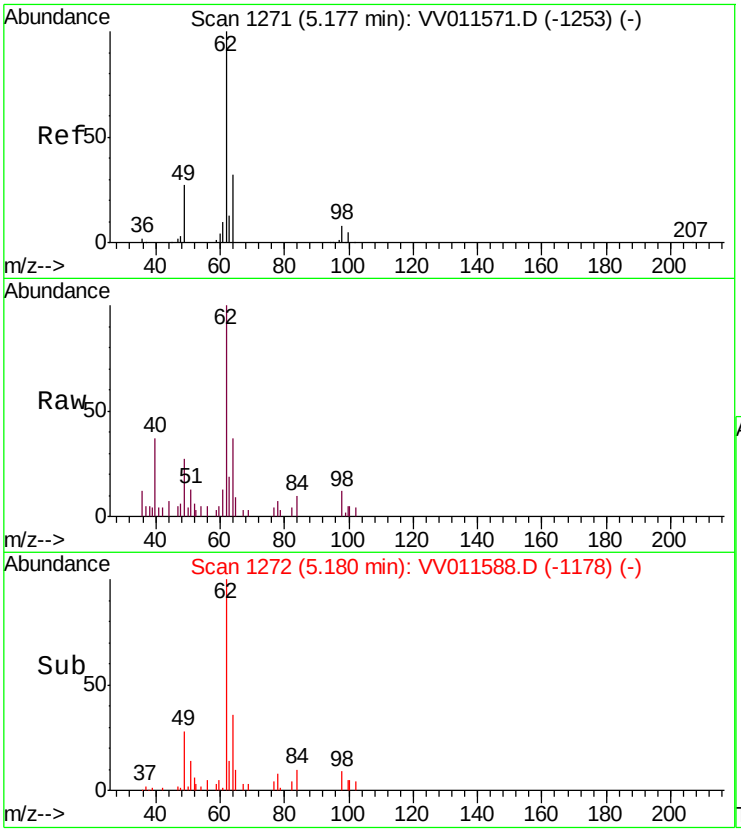


#25
Chloroform
Concen: 0.600 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion: 83 Resp: 12628

Ion	Ratio	Lower	Upper
83	100		
85	68.4	44.6	82.8



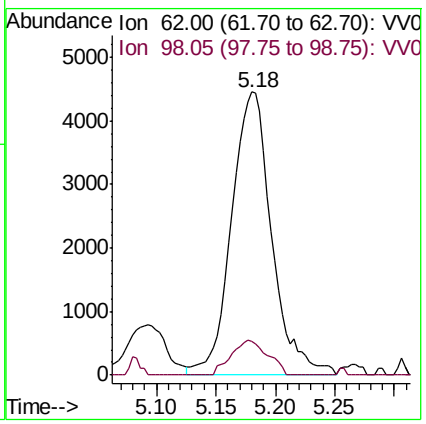


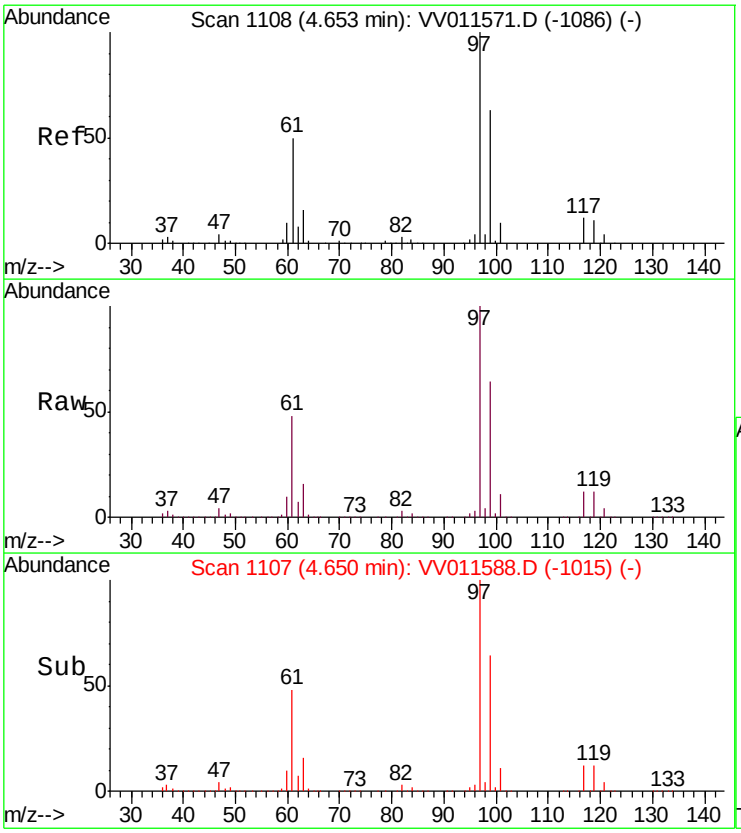
#27
1,2-Dichloroethane
Concen: 0.703 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion: 62 Resp: 10438

Ion	Ratio	Lower	Upper
62	100		
98	12.0	6.5	9.7#

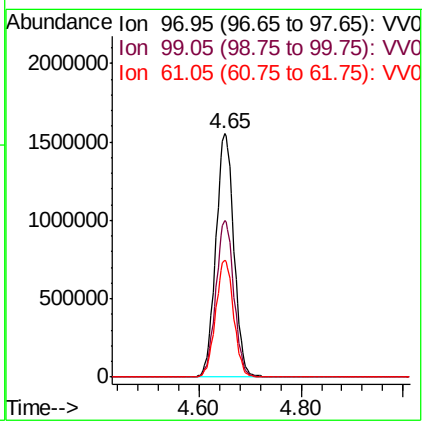


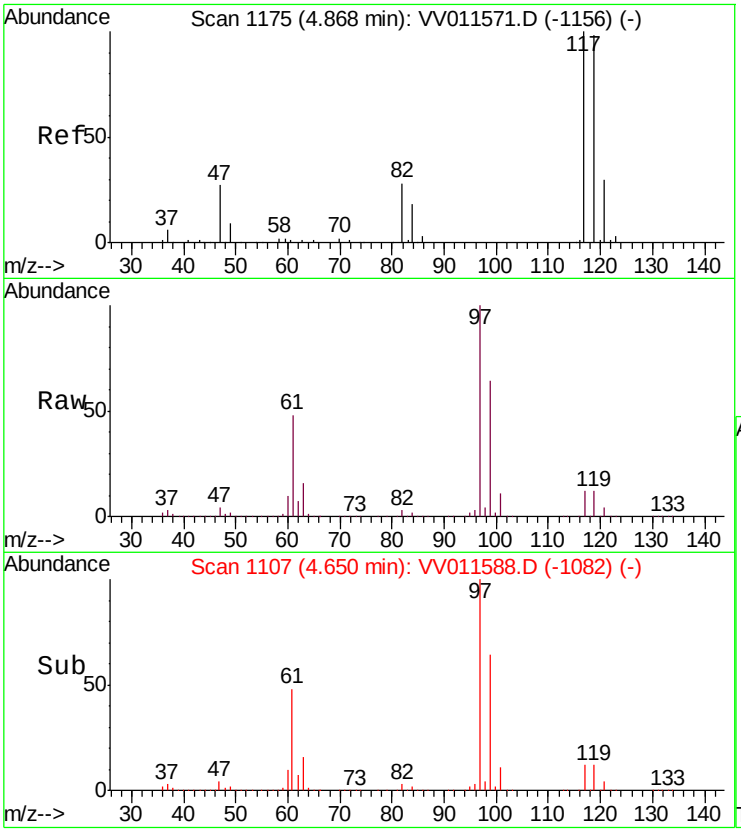


#29
1,1,1-Trichloroethane
Concen: 218.855 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion: 97 Resp: 3798979

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	47.9	40.4	60.6



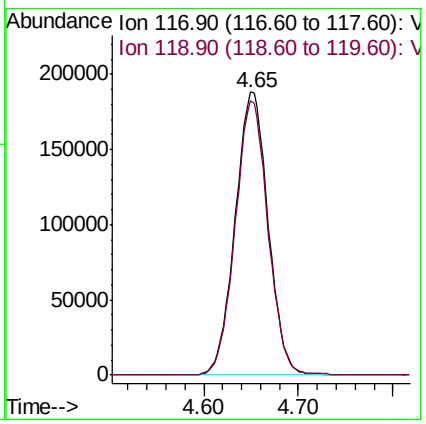


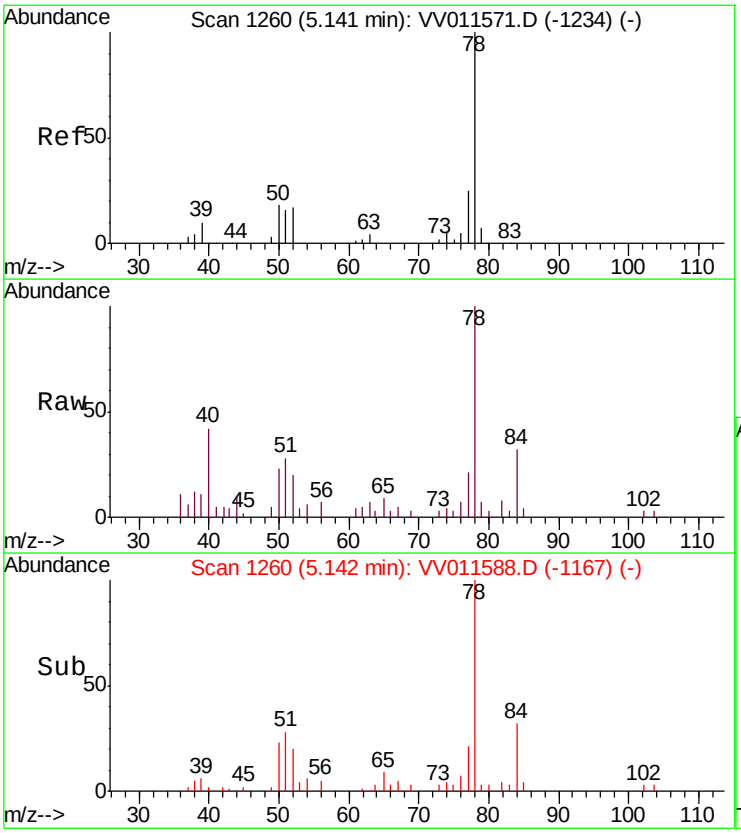
#31
Carbon tetrachloride
Concen: 32.374 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.22 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion:117 Resp: 454761

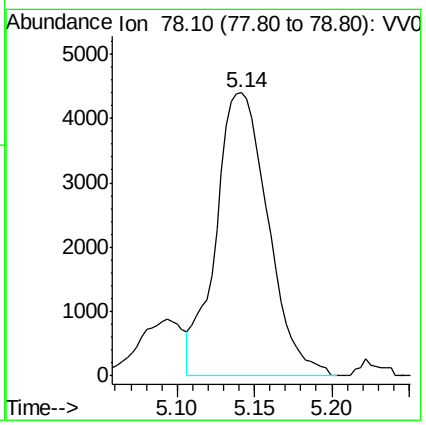
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2

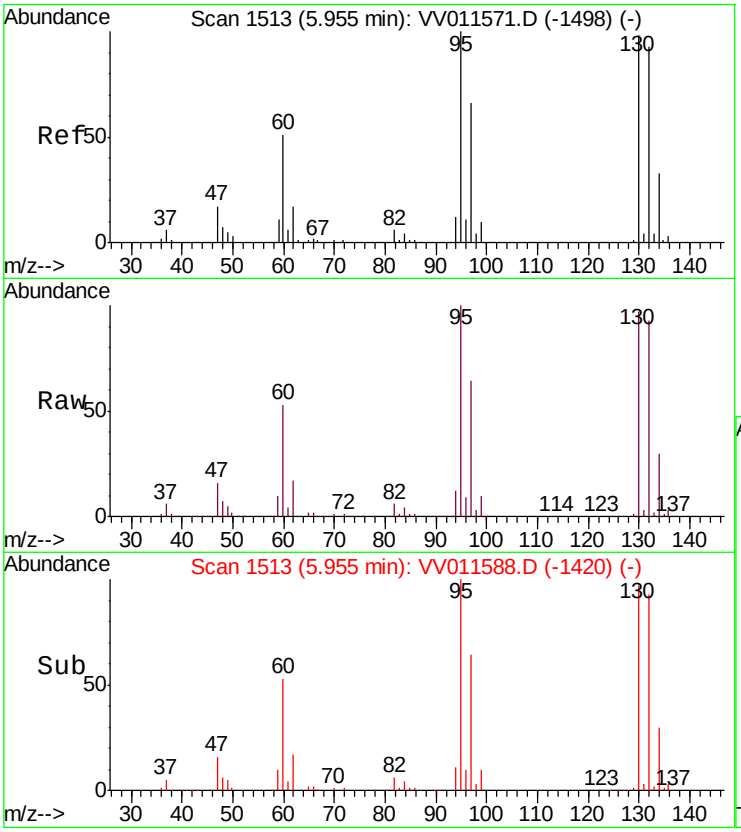




#33
Benzene
Concen: 0.226 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion: 78 Resp: 10303



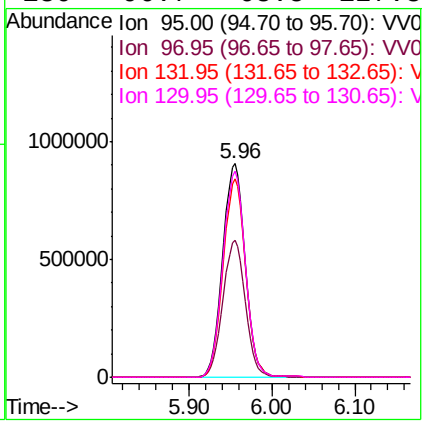


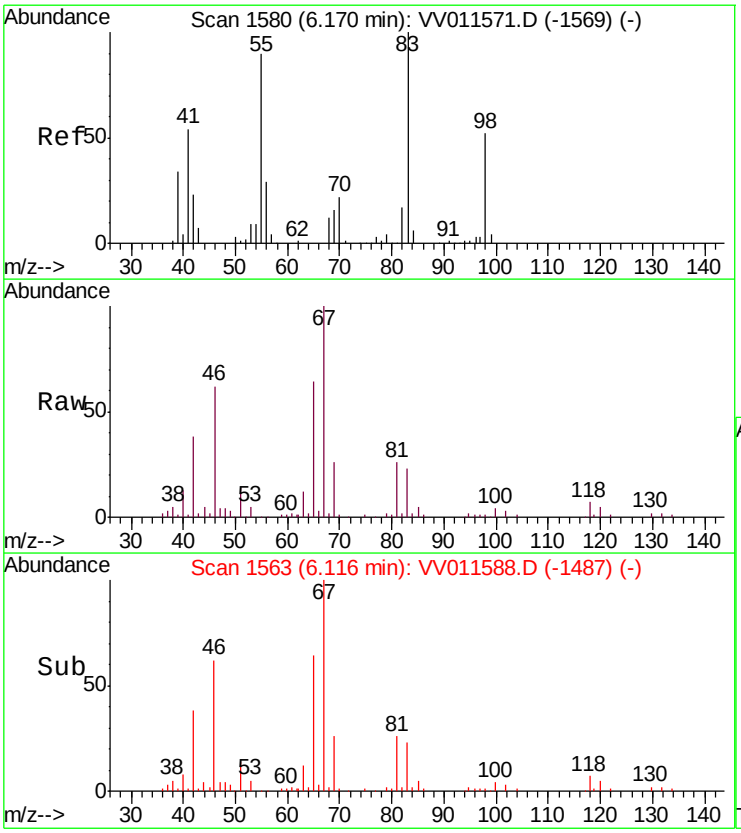
#34
Trichloroethene
Concen: 147.508 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion: 95 Resp: 1714161

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.4
132	93.1	63.5	117.9
130	96.7	68.5	127.3

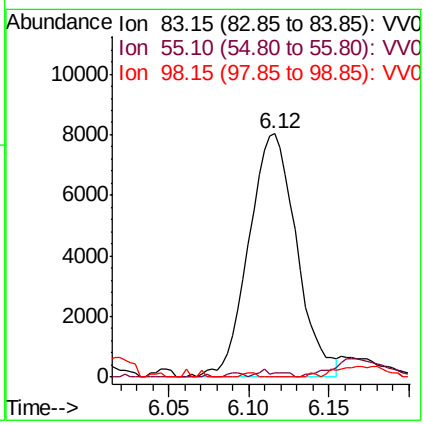


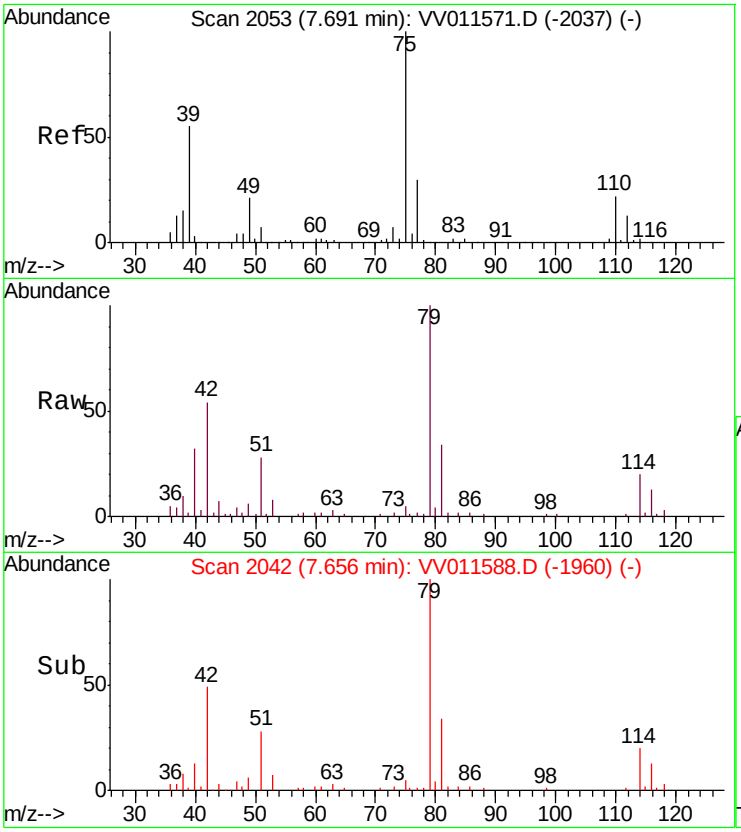


#35
Methylcyclohexane
Concen: 0.997 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion: 83 Resp: 16513

Ion	Ratio	Lower	Upper
83	100		
55	0.5	67.9	101.9#
98	0.0	39.6	59.4#



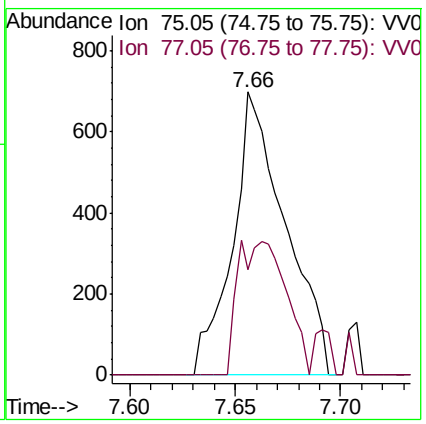


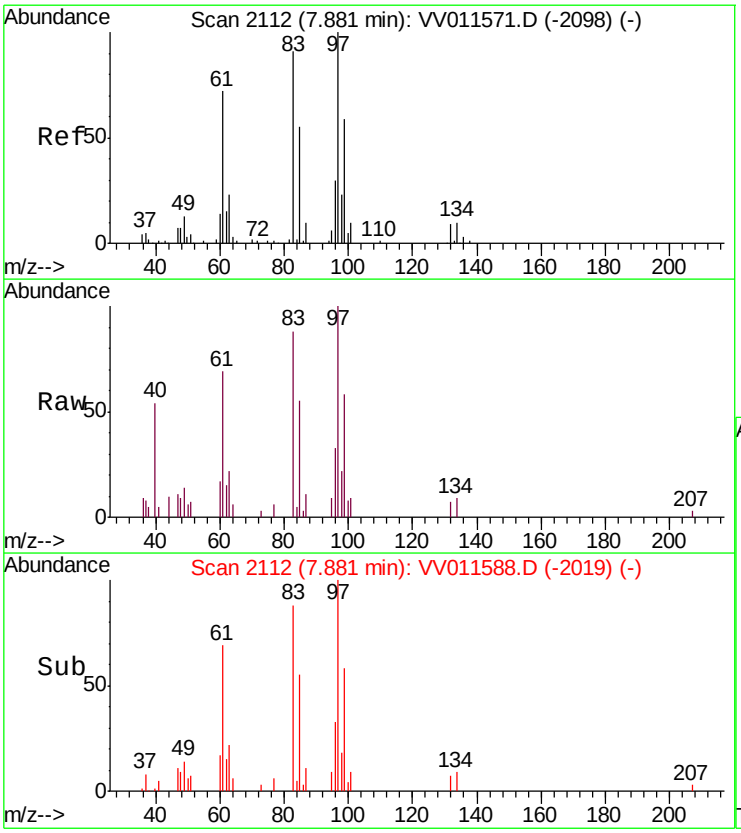
#44
trans-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.66 min Scan# 2042
Delta R.T. -0.04 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion: 75 Resp: 1218

Ion	Ratio	Lower	Upper
75	100		
77	37.2	22.8	42.4

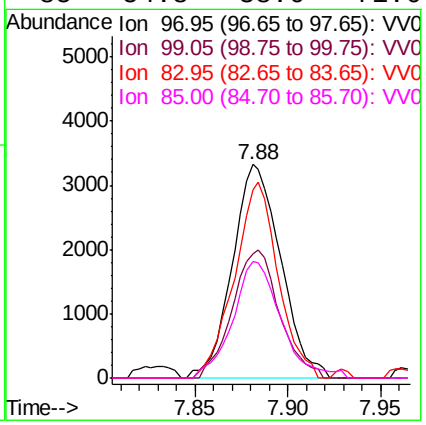


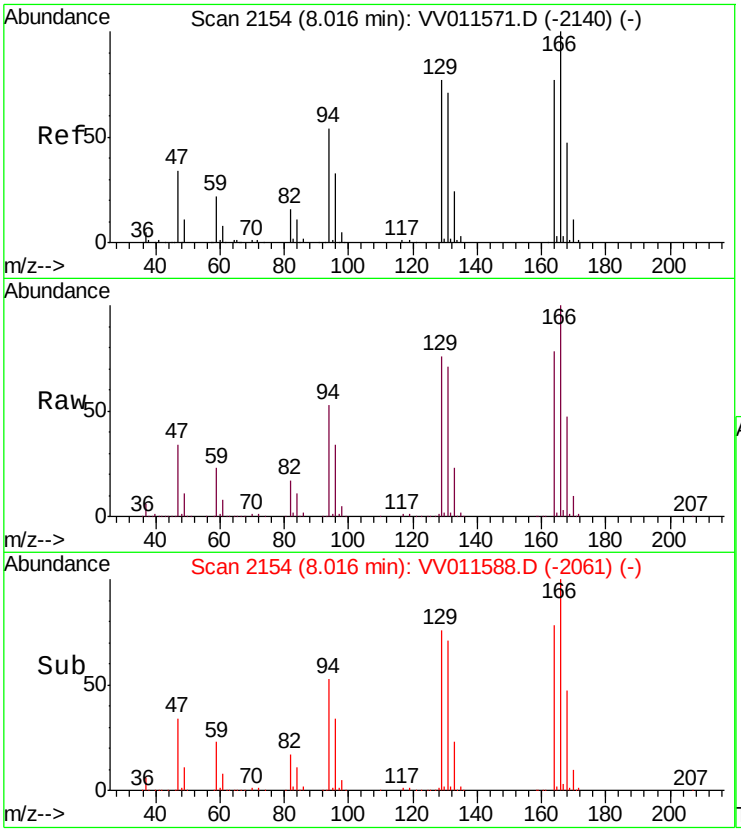


#45
1,1,2-Trichloroethane
Concen: 0.742 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion: 97 Resp: 6005

Ion	Ratio	Lower	Upper
97	100		
99	58.4	45.4	84.4
83	87.9	60.6	112.6
85	54.8	38.6	71.6



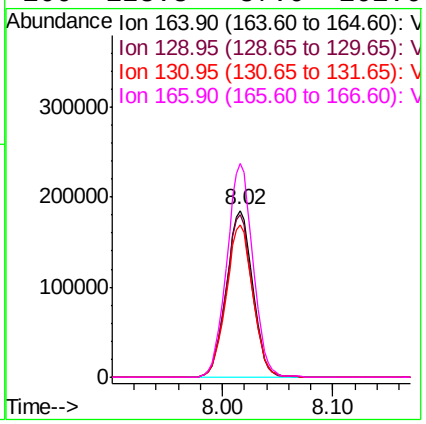


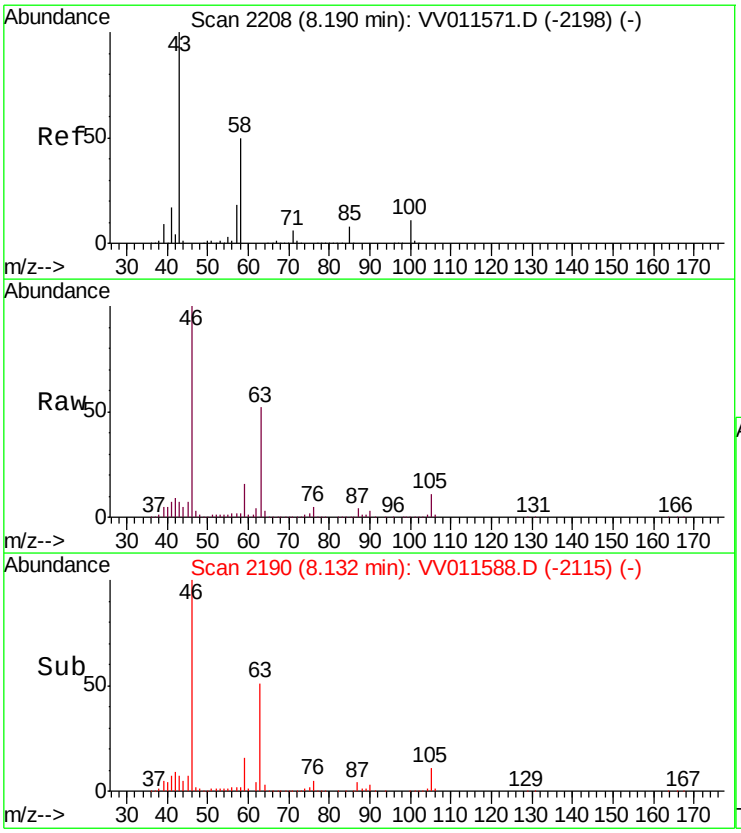
#47
Tetrachloroethene
Concen: 36.986 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion:164 Resp: 306513

Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.8	127.8
131	91.5	63.2	117.4
166	128.3	87.0	161.6

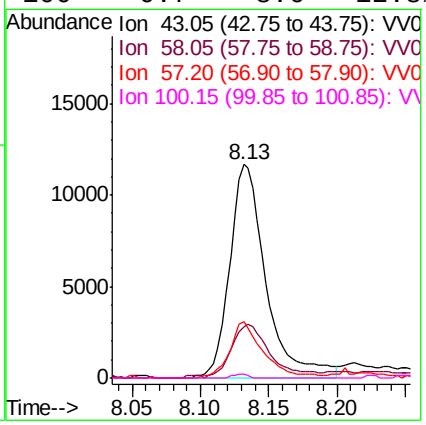


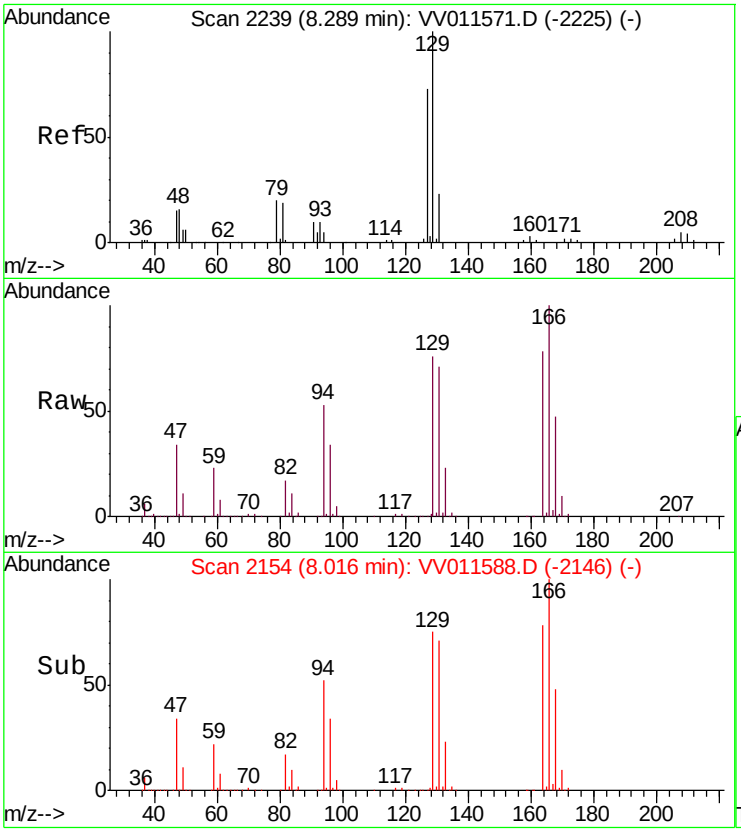


#48
2-Hexanone
Concen: 3.555 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.06 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Tgt Ion: 43 Resp: 21607

Ion	Ratio	Lower	Upper
43	100		
58	26.8	40.6	60.8#
57	24.4	14.2	21.4#
100	0.7	8.6	12.8#





#49
Dibromochloromethane
Concen: 34.170 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011588.D
Acq: 18 Jun 2019 21:13

Instrument :
MSVOA_V
ClientSampleId :
BFCQ6

Tgt Ion:129 Resp: 277995

Ion	Ratio	Lower	Upper
129	100		
127	0.1	52.6	97.6#