Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090619\
Data File : VV012591.D
Acq On : 06 Sep 2019 11:03
Operator : SY/MD
Sample : K4685-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD76

Quant Time: Sep 06 11:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 11:34:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150451	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52498	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	66480	4.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.40%			
7) Chloroethane-d5	1.58	69	66503	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.13	63	108817	3.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.00%			
20) 2-Butanone-d5	3.96	46	142677	51.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.98%			
24) Chloroform-d	4.40	84	106572	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.08	65	57846	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	5.10	84	191731	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.12	67	64427	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.36	98	148989	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.66	79	18915	4.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.60%			
46) 2-Hexanone-d5	8.14	63	69590	41.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.40%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38157	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	47230	5.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	12025	0.761	ug/L	95
9) Trichlorofluoromethane	1.77	101	2656	0.079	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3192	0.170	ug/L #	79
12) 1,1-Dichloroethene	2.14	96	5052	0.282	ug/L #	1
13) Acetone	2.22	43	14861	4.464	ug/L	81
16) Methylene chloride	2.53	84	2506	0.121	ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	1882	0.134	ug/L	91
25) Chloroform	4.43	83	6852	0.231	ug/L	86
29) 1,1,1-Trichloroethane	4.65	97	2062	0.091	ug/L #	85
31) Carbon tetrachloride	4.87	117	2954	0.146	ug/L	97
34) Trichloroethene	5.96	95	121276	7.759	ug/L	99
35) Methylcyclohexane	6.12	83	15160	0.650	ug/L #	16
47) Tetrachloroethene	8.02	164	172406	15.132	ug/L	96
48) 2-Hexanone	8.19	43	13757	2.224	ug/L #	80
49) Dibromochloromethane	8.02	129	160513	14.206	ug/L #	12

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090619\
Data File : VV012591.D
Acq On : 06 Sep 2019 11:03
Operator : SY/MD
Sample : K4685-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD76

Quant Time: Sep 06 11:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 11:34:24 2019
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090619\
Data File : VV012591.D
Acq On : 06 Sep 2019 11:03
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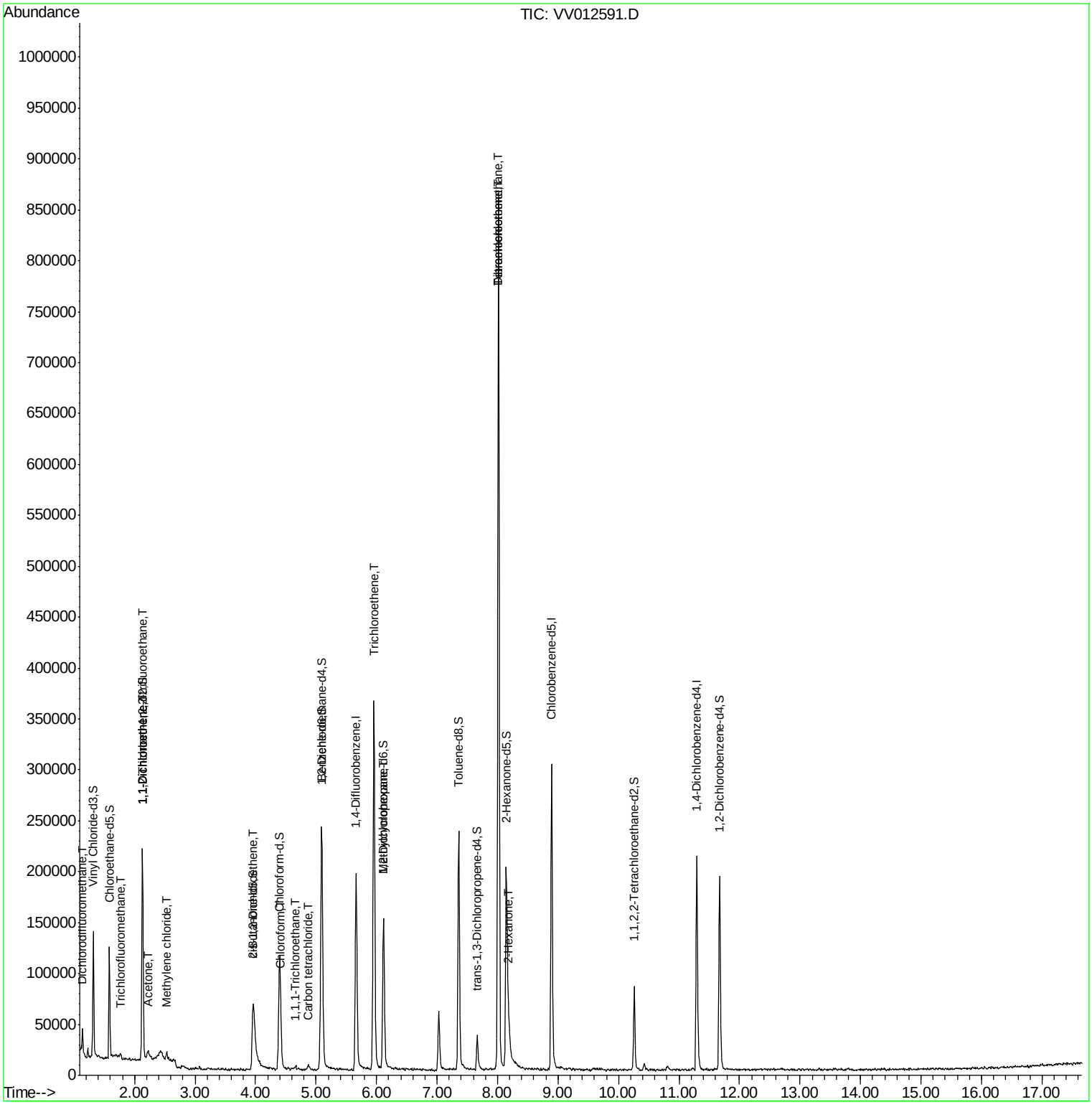
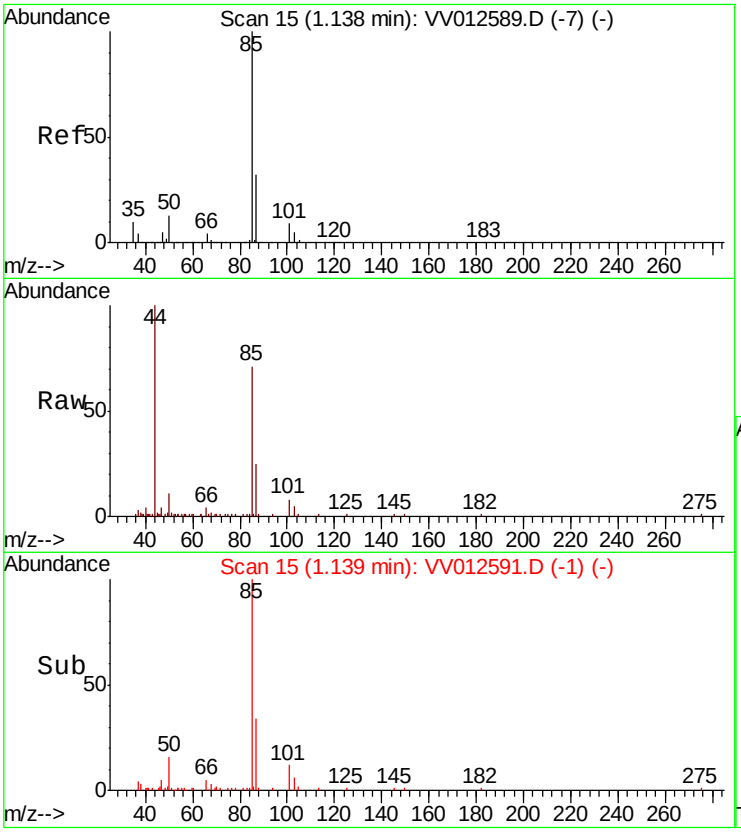
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 11:34:24 2019
Response via : Initial Calibration



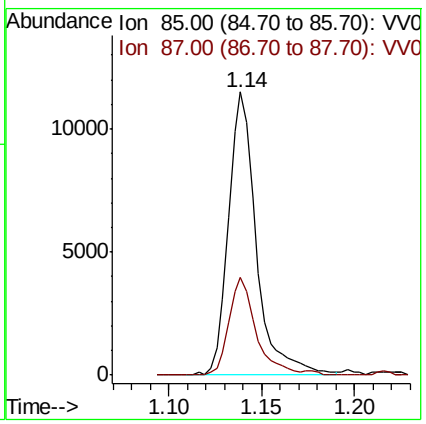


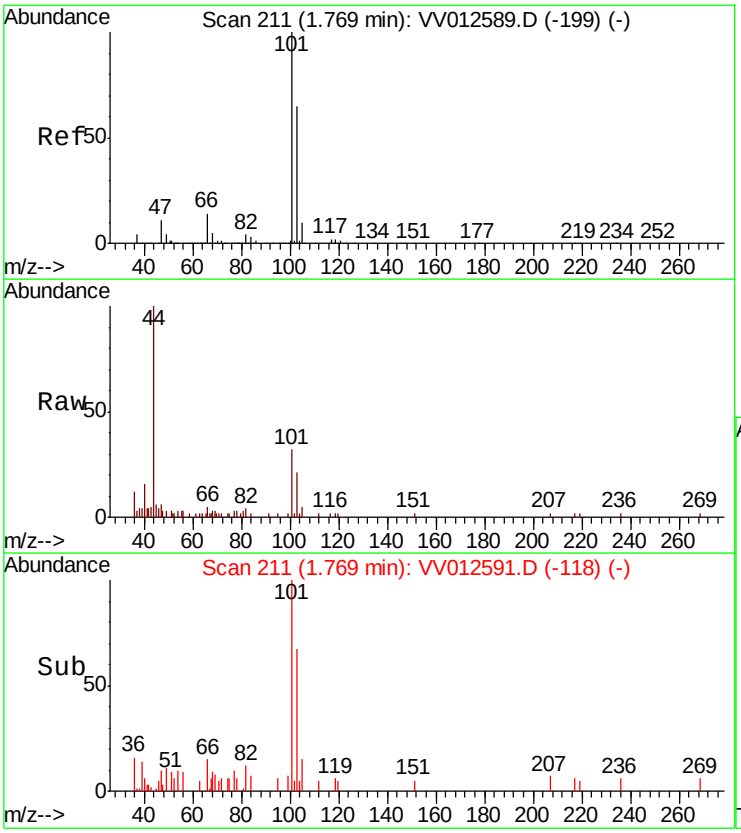
#2
Dichlorodifluoromethane
Concen: 0.761 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
BFD76

Tgt Ion: 85 Resp: 12025

Ion	Ratio	Lower	Upper
85	100		
87	34.0	25.2	37.8

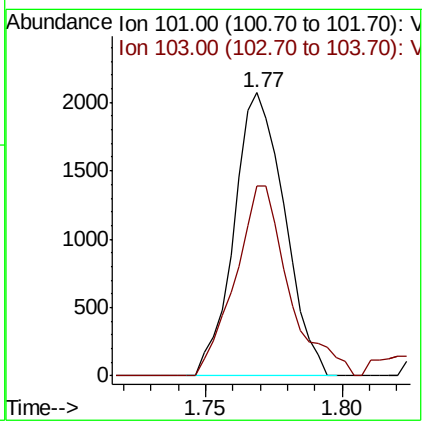


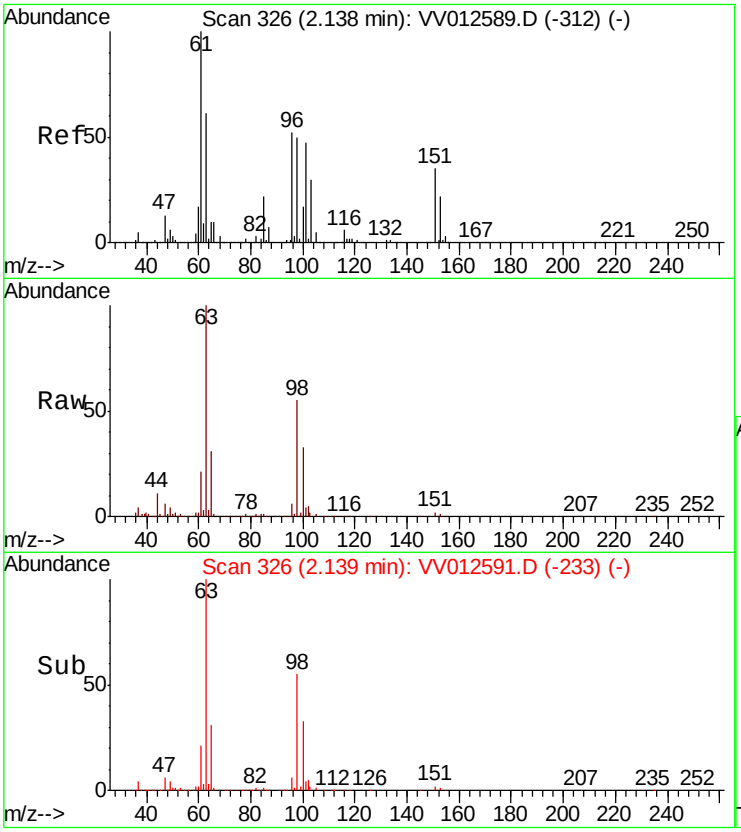


#9
Trichlorofluoromethane
Concen: 0.079 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Tgt Ion:101 Resp: 2656

Ion	Ratio	Lower	Upper
101	100		
103	71.2	51.8	77.6



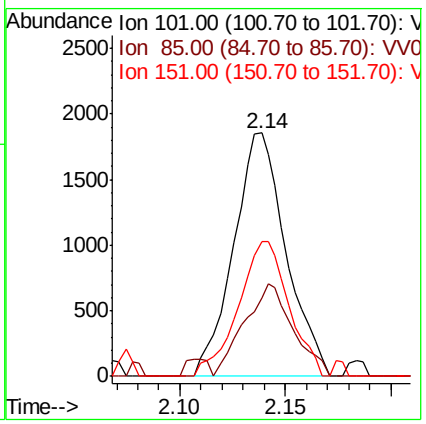


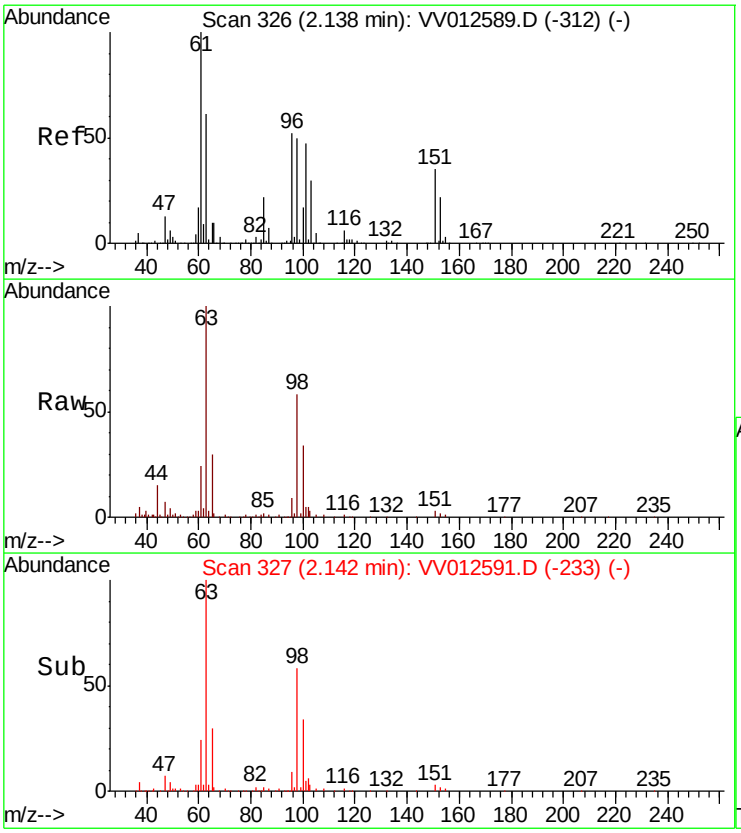
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.170 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
BFD76

Tgt Ion:101 Resp: 3192

Ion	Ratio	Lower	Upper
101	100		
85	35.5	37.4	56.0#
151	53.5	58.2	87.4#

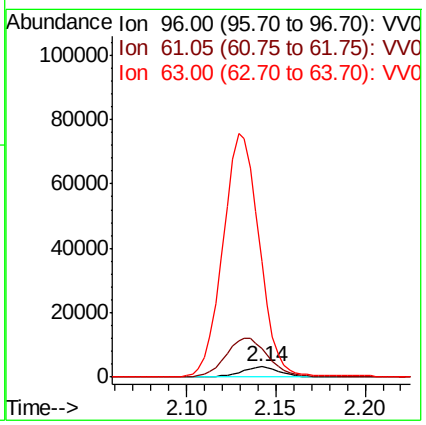


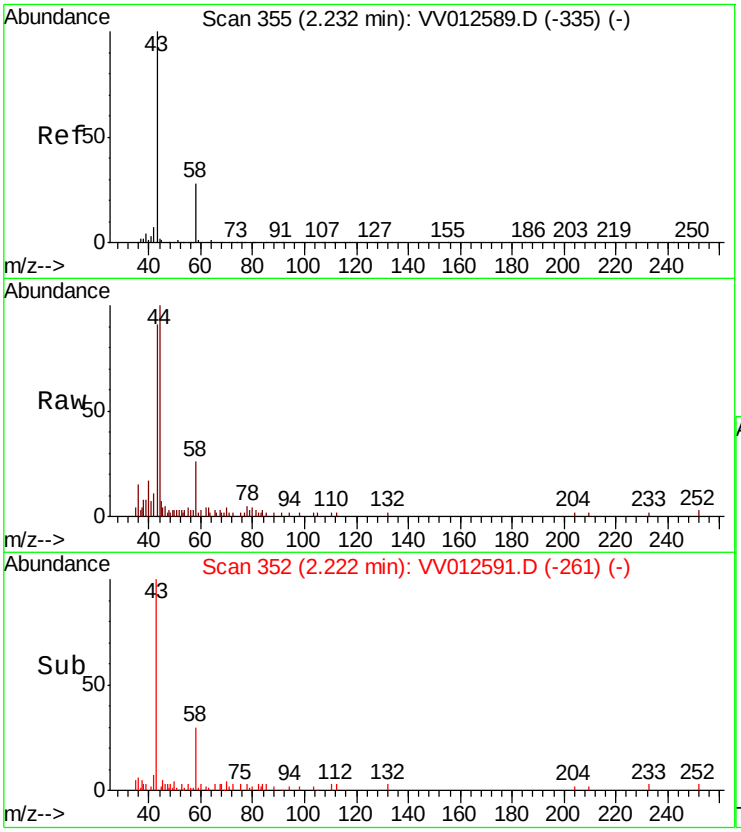


#12
1,1-Dichloroethene
Concen: 0.282 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Tgt Ion: 96 Resp: 5052

Ion	Ratio	Lower	Upper
96	100		
61	277.4	132.7	246.5#
63	1138.8	84.1	156.1#



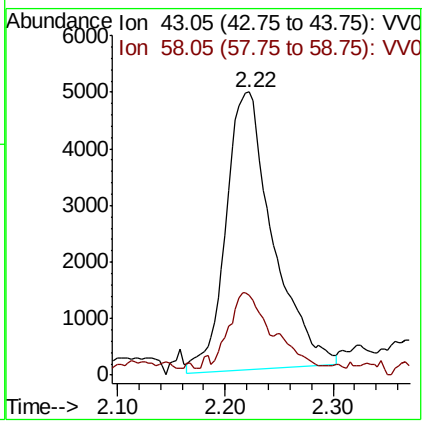


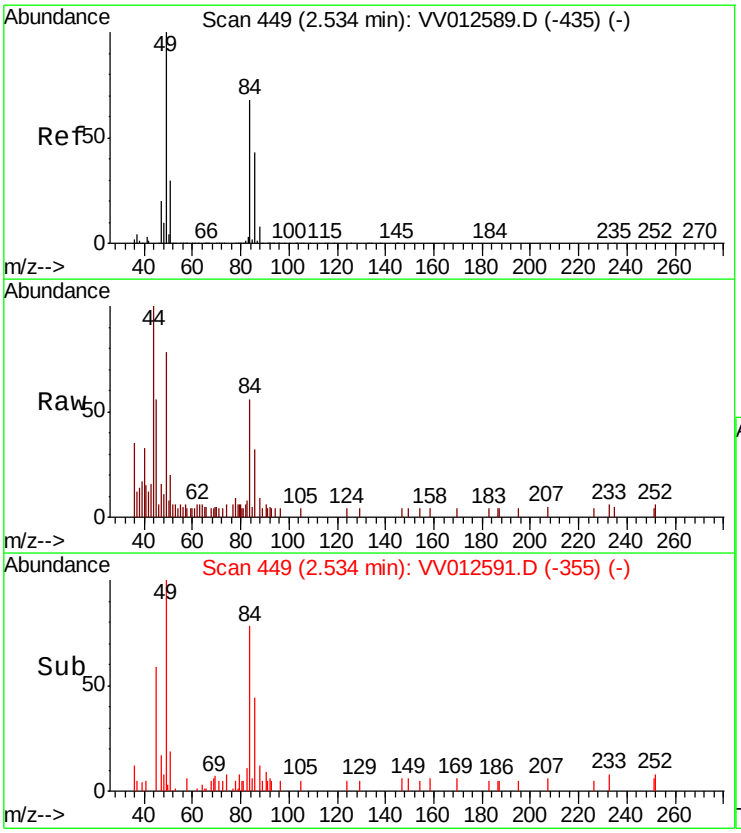
#13
Acetone
Concen: 4.464 ug/L
RT: 2.22 min Scan# 352
Delta R.T. -0.01 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Instrument : MSVOA_V
ClientSampleId : BFD76

Tgt Ion: 43 Resp: 14861

Ion	Ratio	Lower	Upper
43	100		
58	18.3	0.0	57.0

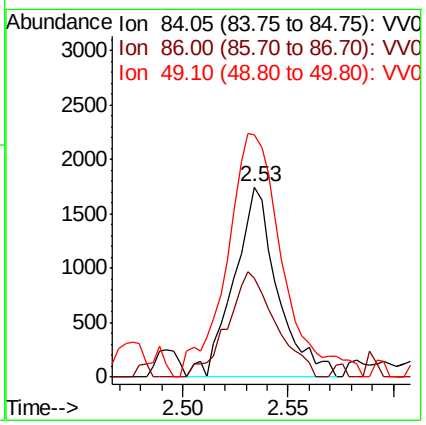


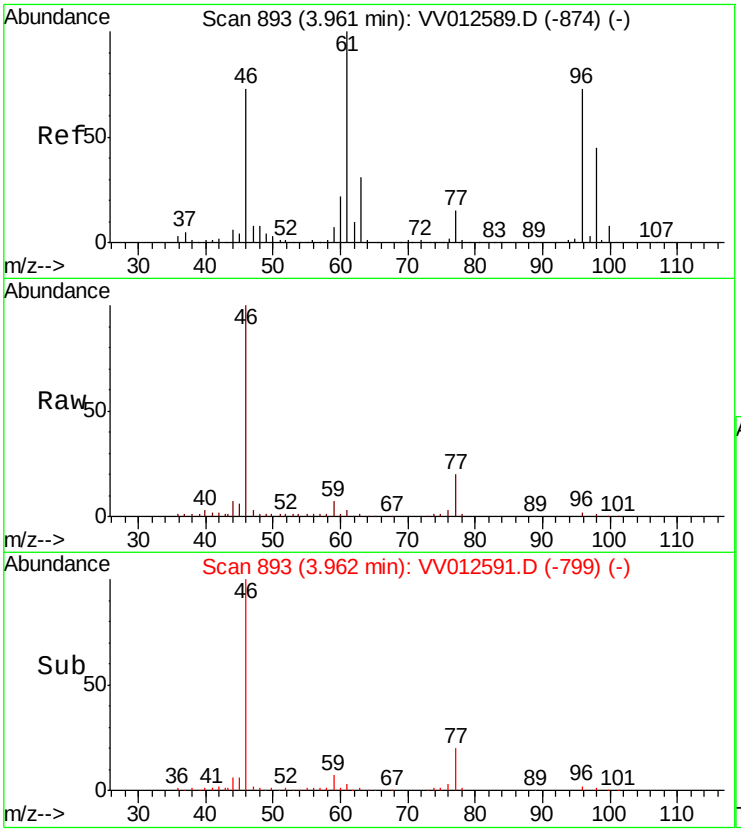


#16
Methylene chloride
Concen: 0.121 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Tgt Ion: 84 Resp: 2506

Ion	Ratio	Lower	Upper
84	100		
86	52.1	43.6	81.0
49	127.1	103.0	191.2



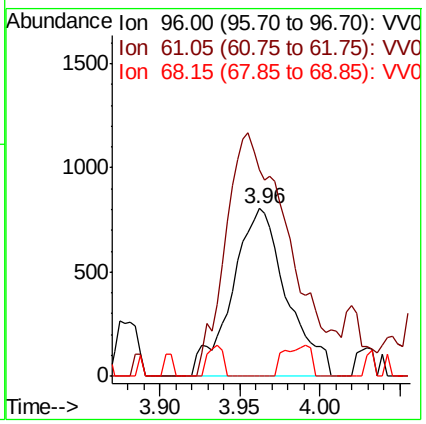


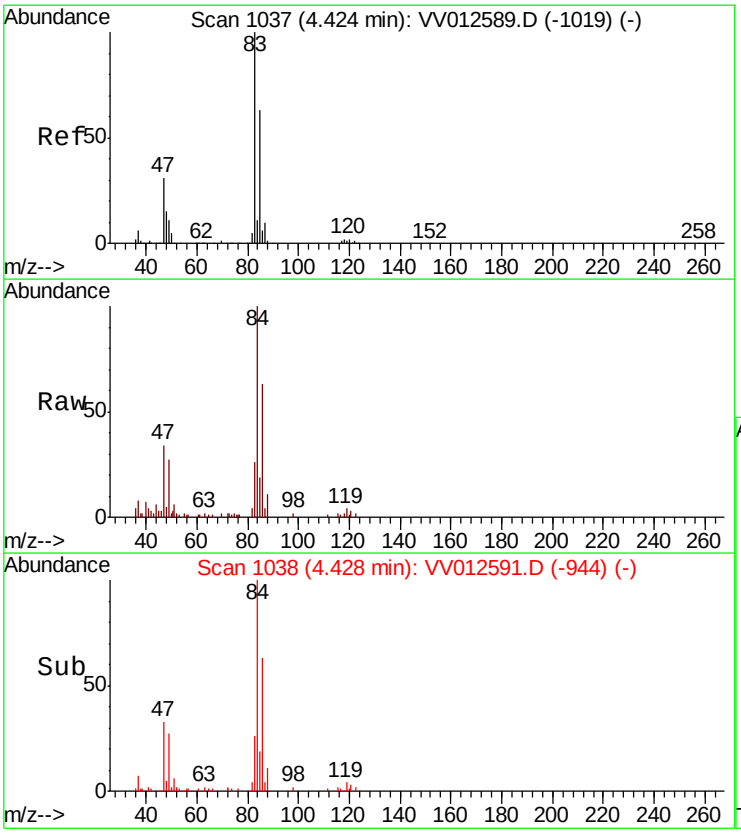
#22
cis-1,2-Dichloroethene
Concen: 0.134 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
BFD76

Tgt Ion: 96 Resp: 1882

Ion	Ratio	Lower	Upper
96	100		
61	123.0	93.9	174.5
68	0.0	0.0	0.0

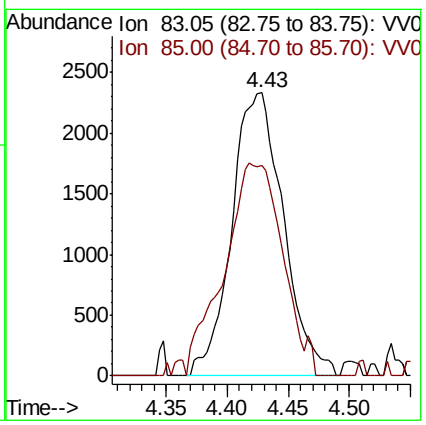


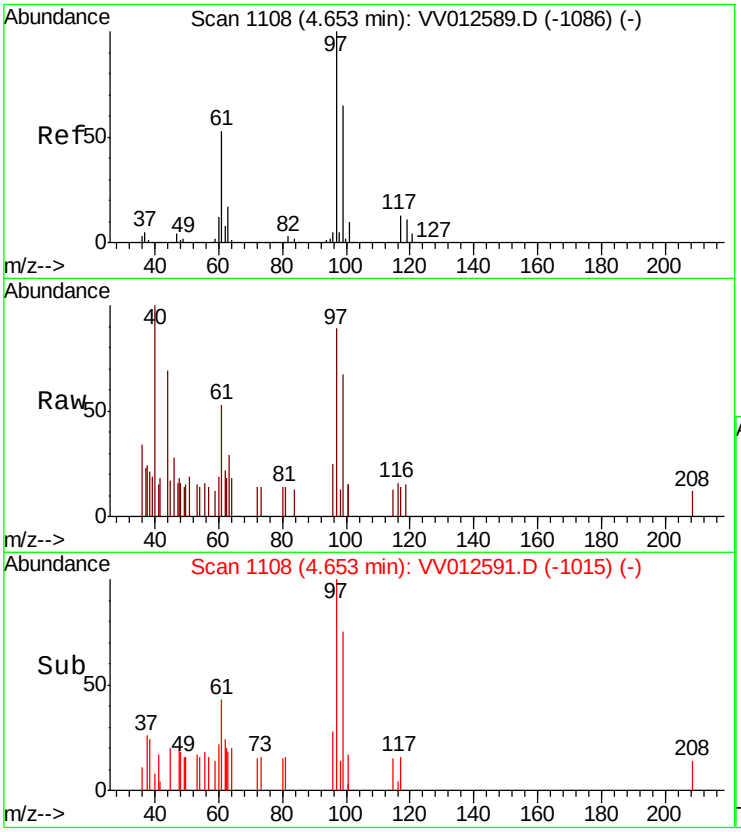


#25
Chloroform
Concen: 0.231 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Tgt Ion: 83 Resp: 6852

Ion	Ratio	Lower	Upper
83	100		
85	74.4	44.4	82.5



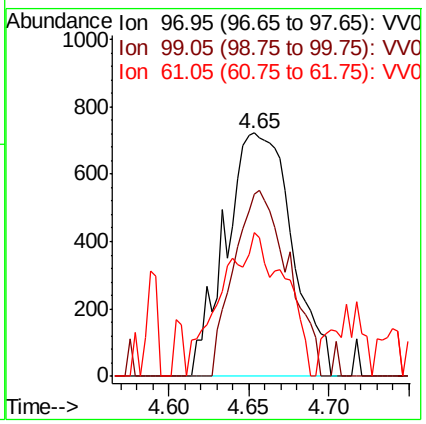


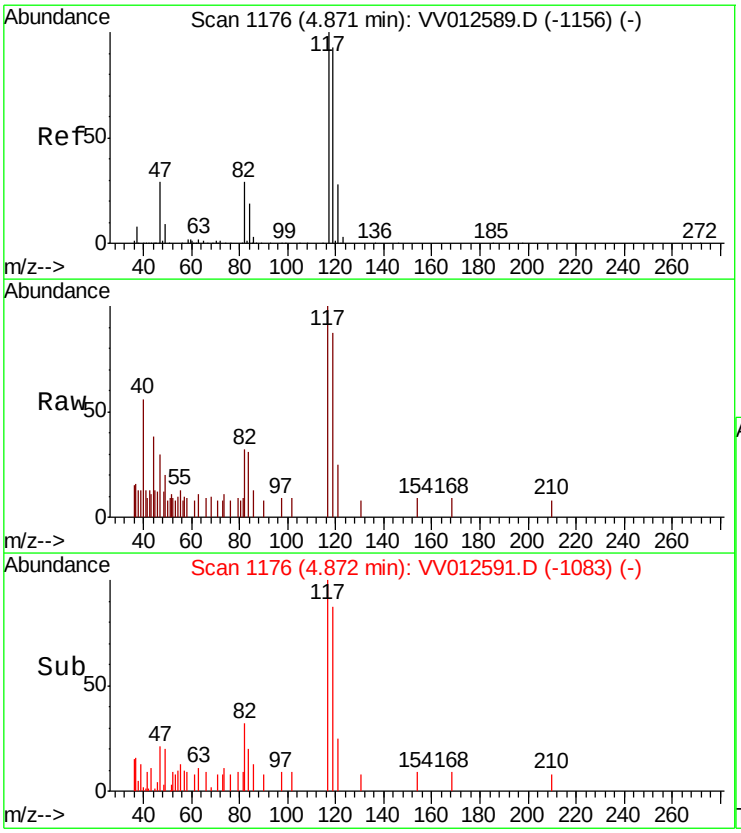
#29
1,1,1-Trichloroethane
Concen: 0.091 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
BFD76

Tgt Ion: 97 Resp: 2062

Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.8	77.6
61	33.3	43.4	65.0#

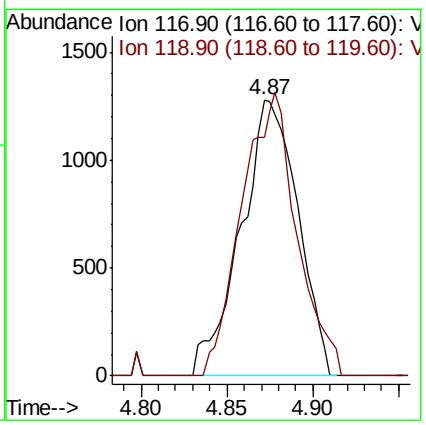


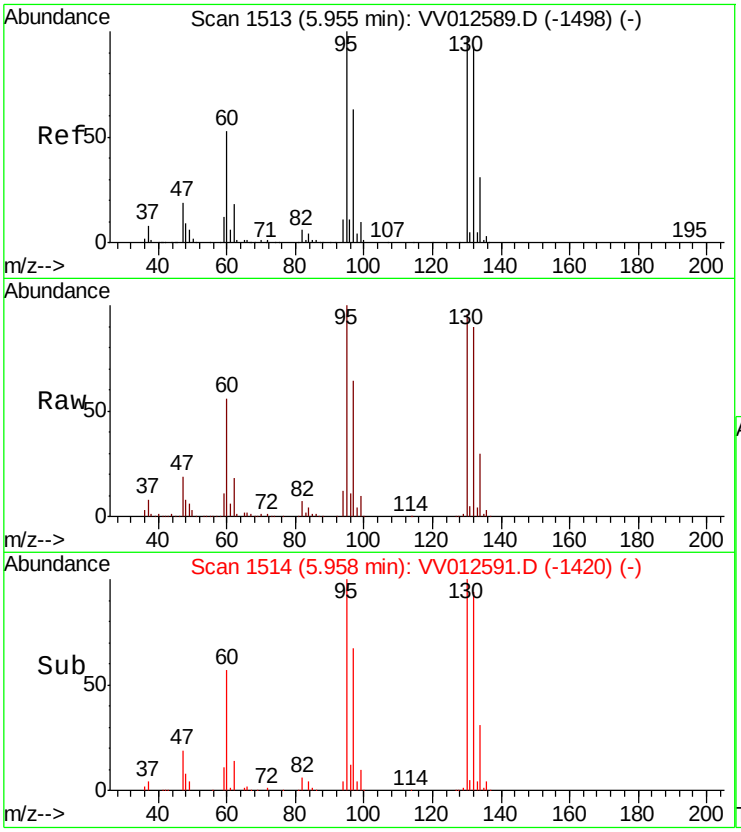


#31
Carbon tetrachloride
Concen: 0.146 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Tgt Ion:117 Resp: 2954

Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.9	115.3



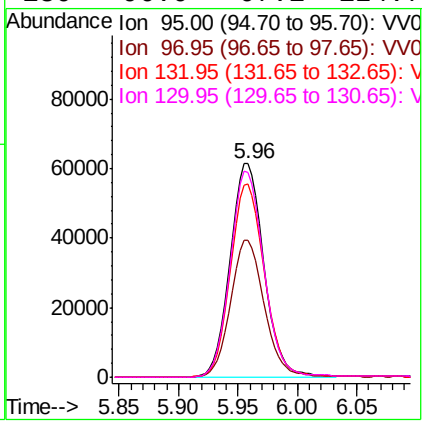


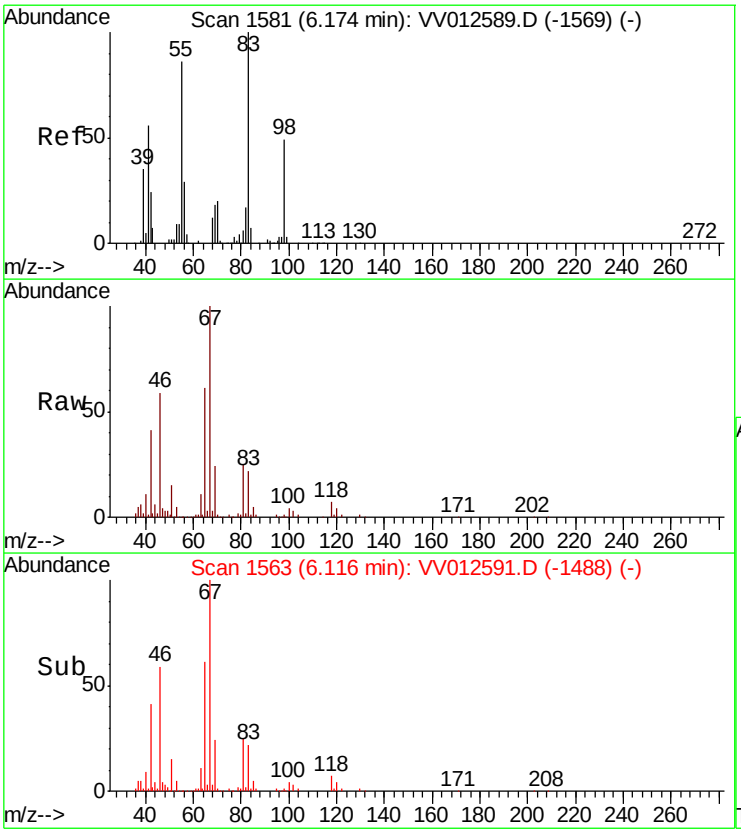
#34
Trichloroethene
Concen: 7.759 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
BFD76

Tgt Ion: 95 Resp: 121276

Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.9	81.5
132	90.2	64.8	120.4
130	96.0	67.1	124.7

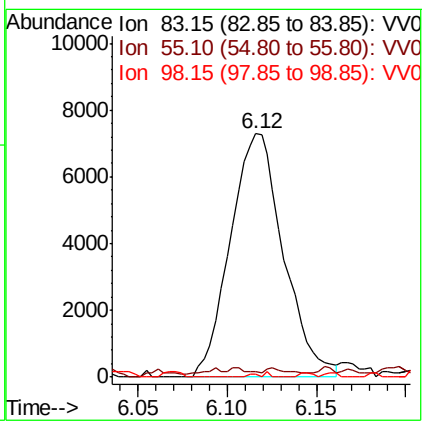


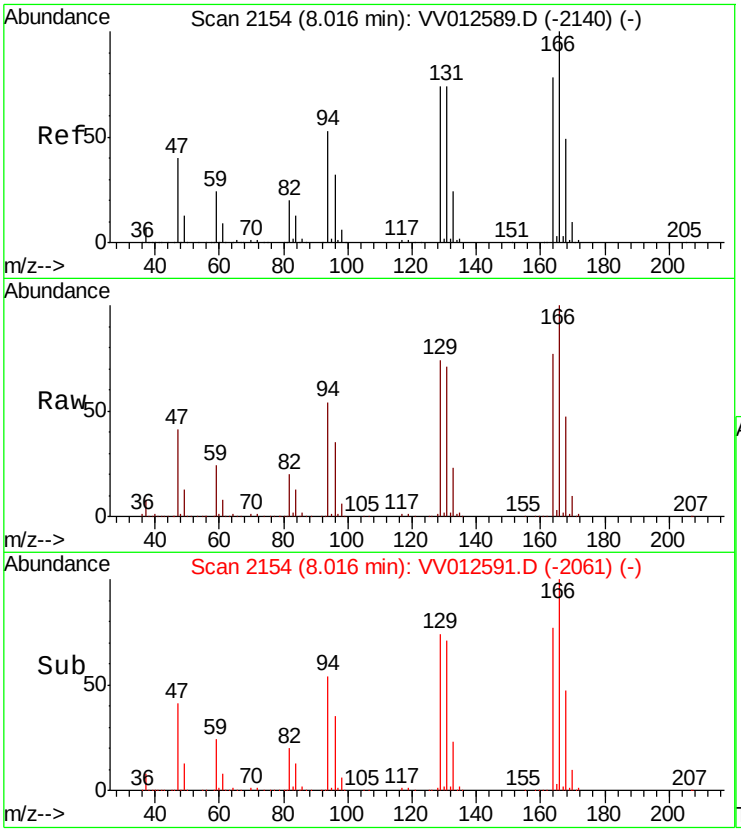


#35
Methylcyclohexane
Concen: 0.650 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Tgt Ion: 83 Resp: 15160

Ion	Ratio	Lower	Upper
83	100		
55	2.2	69.0	103.6#
98	0.0	38.0	57.0#



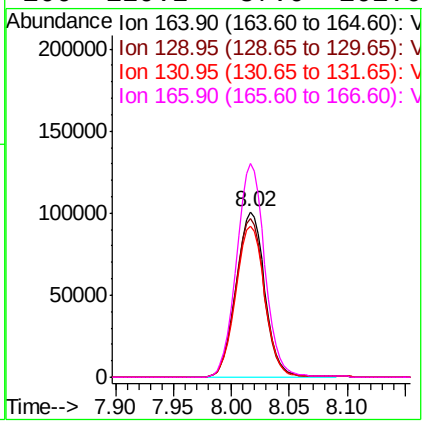


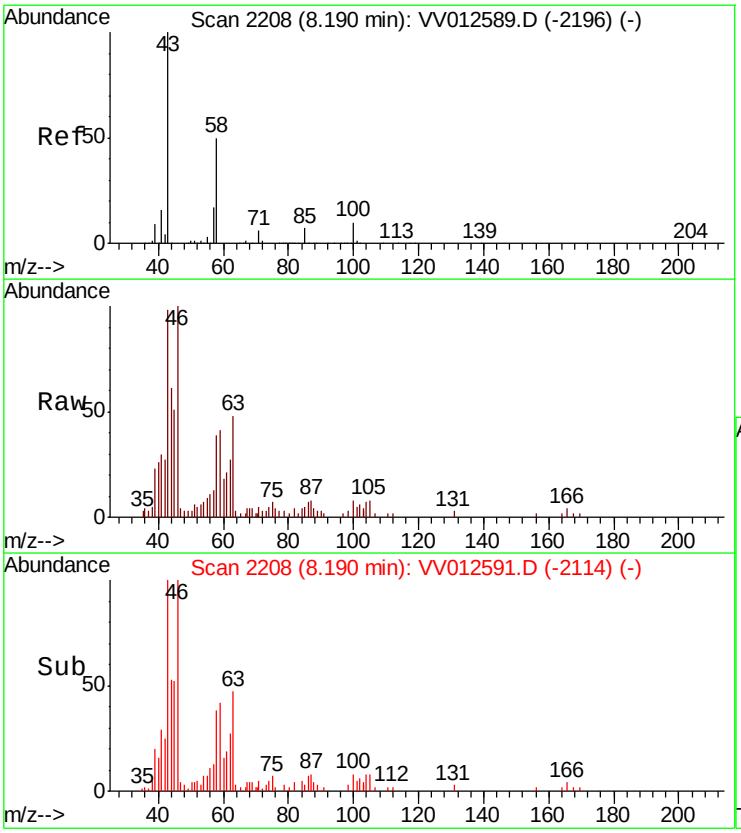
#47
Tetrachloroethene
Concen: 15.132 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
BFD76

Tgt Ion:164 Resp: 172406

Ion	Ratio	Lower	Upper
164	100		
129	96.1	65.0	120.6
131	91.7	62.0	115.2
166	129.2	87.0	161.6

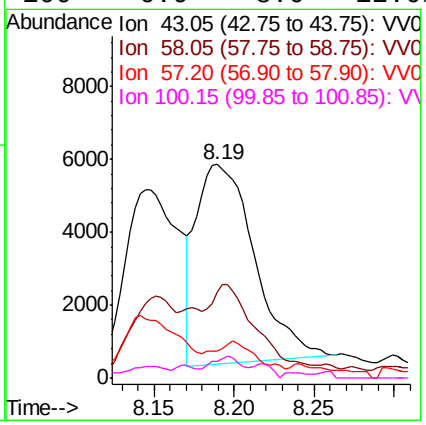


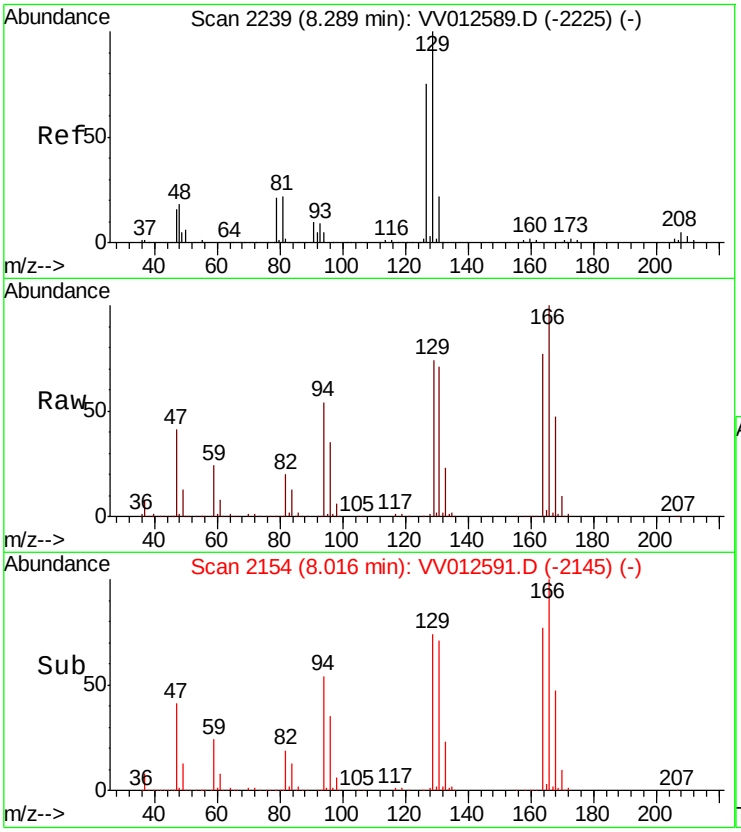


#48
2-Hexanone
Concen: 2.224 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Tgt Ion: 43 Resp: 13757

Ion	Ratio	Lower	Upper
43	100		
58	31.6	39.3	58.9#
57	12.5	12.9	19.3#
100	6.0	8.0	12.0#





#49
Dibromochloromethane
Concen: 14.206 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012591.D
Acq: 06 Sep 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
BFD76

Tgt Ion:129 Resp: 160513

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.0	98.4#