Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041720\
Data File : VV015547.D
Acq On : 17 Apr 2020 12:06
Operator : SY/MD
Sample : L2320-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRQ8DL

Quant Time: Apr 18 01:04:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 00:37:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	105777	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	97962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	48595	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	23628	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	1.57	69	22075	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.12	63	35577	3.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.60%			
20) 2-Butanone-d5	3.93	46	68941	44.74	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.48%			
24) Chloroform-d	4.37	84	50754	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	5.05	65	29611	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
32) Benzene-d6	5.07	84	98988	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.09	67	31224	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.33	98	89910	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
43) trans-1,3-Dichloropropene-	7.64	79	12298	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.11	63	57616	40.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.16%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	19791	3.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 73.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	33464	4.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	2343	0.224	ug/L	93
9) Trichlorofluoromethane	1.76	101	15465	1.259	ug/L	100
12) 1,1-Dichloroethene	2.13	96	1598	0.241	ug/L #	1
17) Methyl tert-butyl Ether	2.79	73	2926	0.165	ug/L #	89
22) cis-1,2-Dichloroethene	3.93	96	7256	0.934	ug/L	97
34) Trichloroethene	5.93	95	71059	9.004	ug/L	99
47) Tetrachloroethene	7.99	164	50292	8.602	ug/L	99

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

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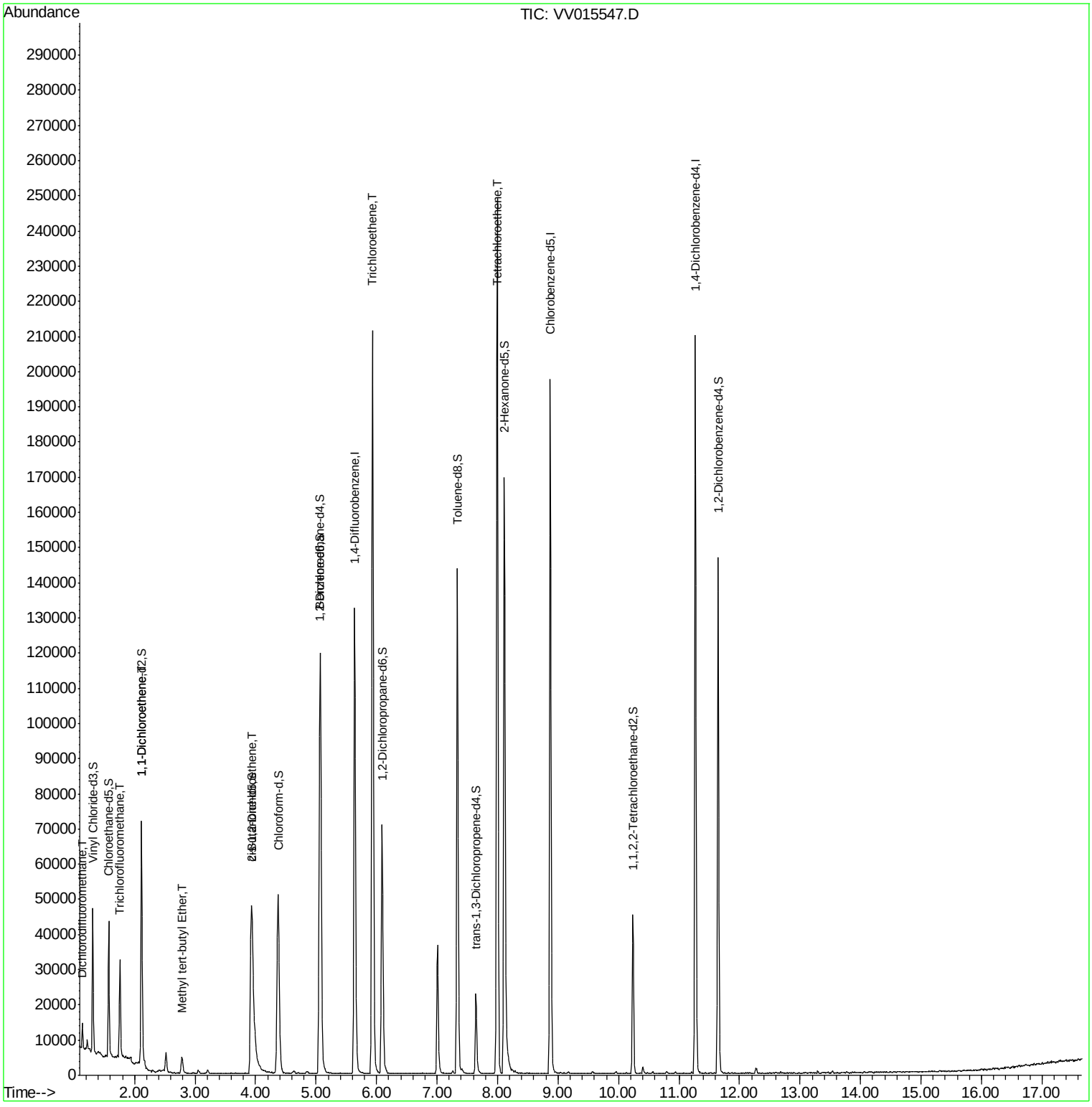
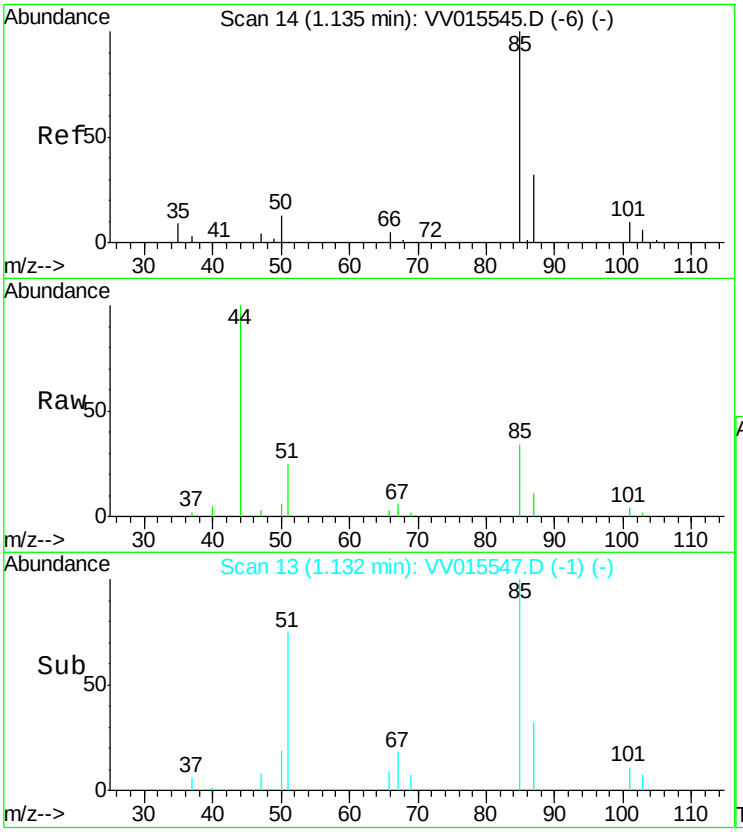


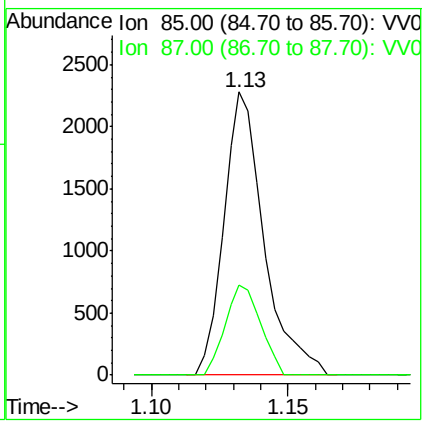


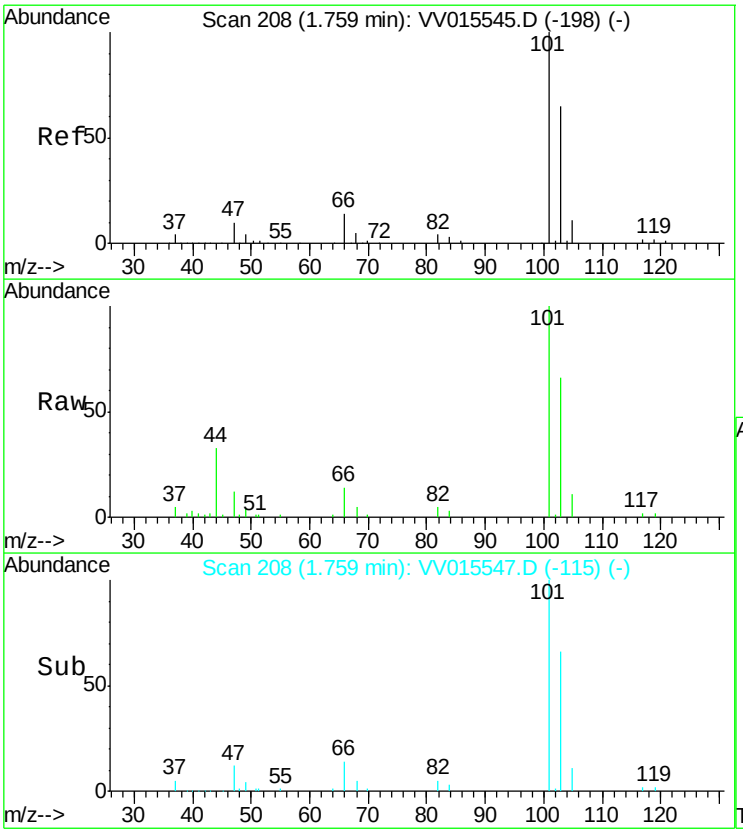
#2
Dichlorodifluoromethane
Concen: 0.224 ug/L
RT: 1.13 min Scan# 13
Delta R.T. -0.00 min
Lab File: VV015547.D
Acq: 17 Apr 2020 12:06

Instrument : MSVOA_V
ClientSampleId : BFRQ8DL

Tgt Ion: 85 Resp: 2343

Ion	Ratio	Lower	Upper
85	100		
87	27.9	25.3	37.9

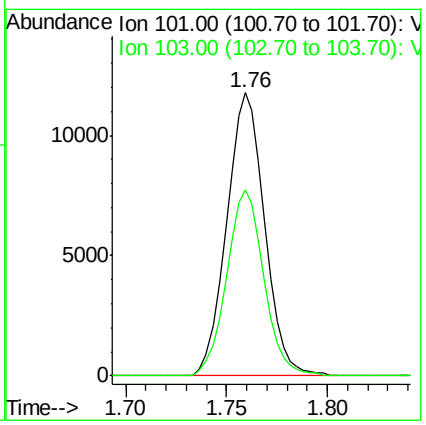


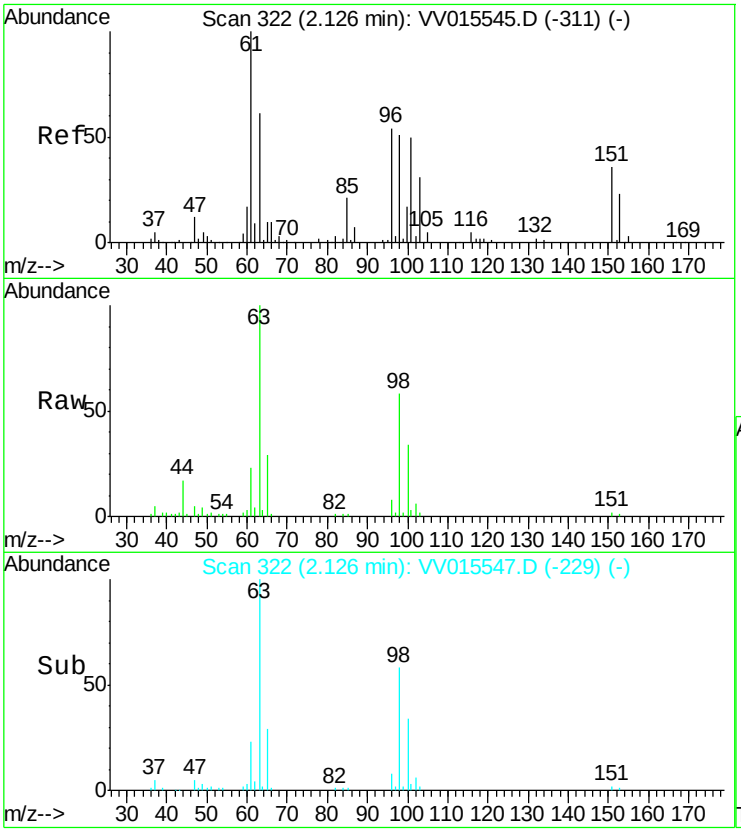


#9
Trichlorofluoromethane
Concen: 1.259 ug/L
RT: 1.76 min Scan# 208
Delta R.T. 0.00 min
Lab File: VV015547.D
Acq: 17 Apr 2020 12:06

Tgt Ion:101 Resp: 15465

Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.9	77.9



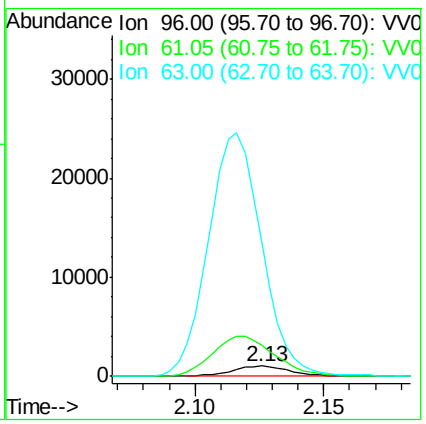


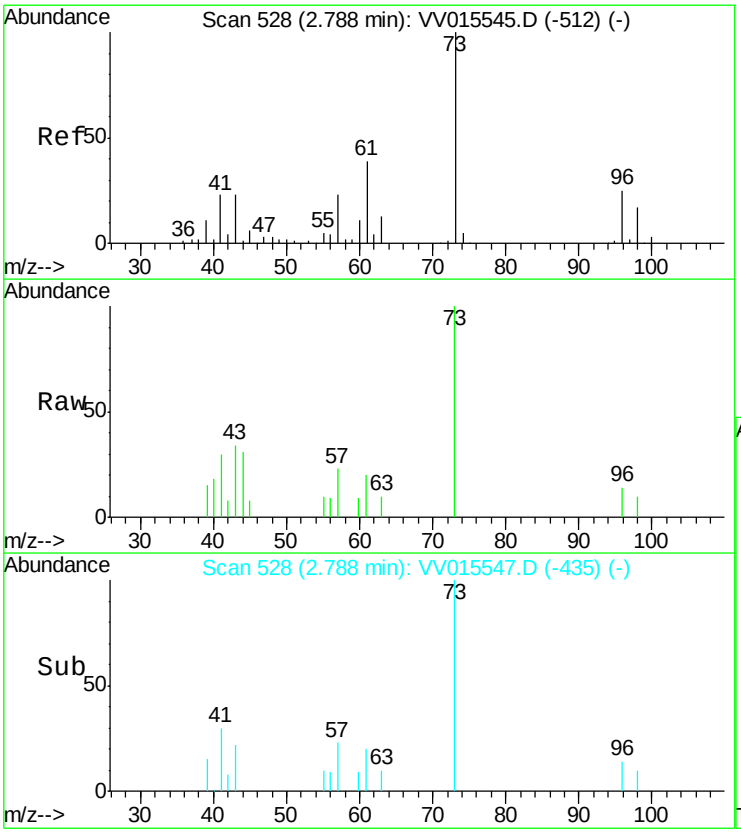
#12
1,1-Dichloroethene
Concen: 0.241 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.00 min
Lab File: VV015547.D
Acq: 17 Apr 2020 12:06

Instrument : MSVOA_V
ClientSampleId : BFRQ8DL

Tgt Ion: 96 Resp: 1598

Ion	Ratio	Lower	Upper
96	100		
61	308.8	127.7	237.1#
63	1331.1	75.1	139.5#

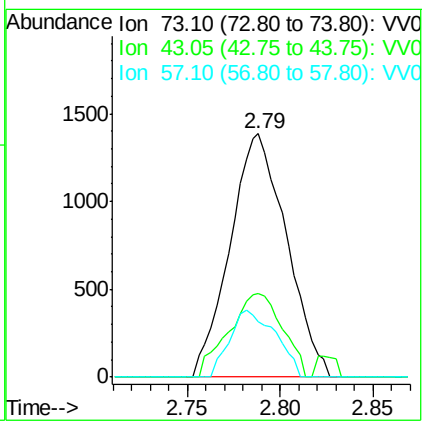


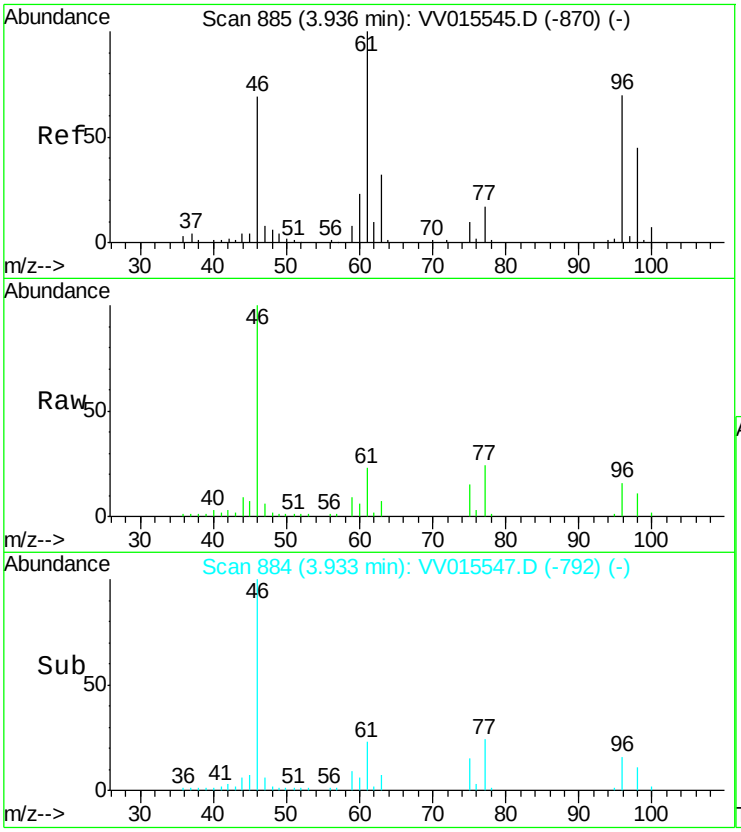


#17
Methyl tert-butyl Ether
Concen: 0.165 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV015547.D
Acq: 17 Apr 2020 12:06

Tgt Ion: 73 Resp: 2926

Ion	Ratio	Lower	Upper
73	100		
43	32.6	18.3	27.5#
57	22.3	18.4	27.6



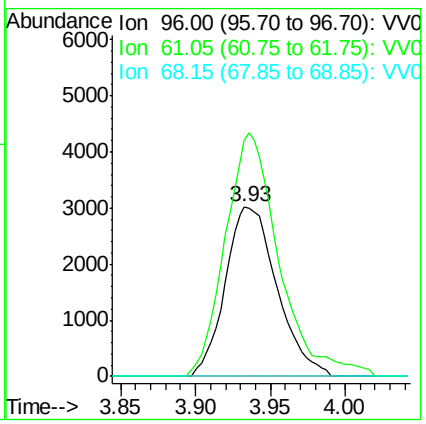


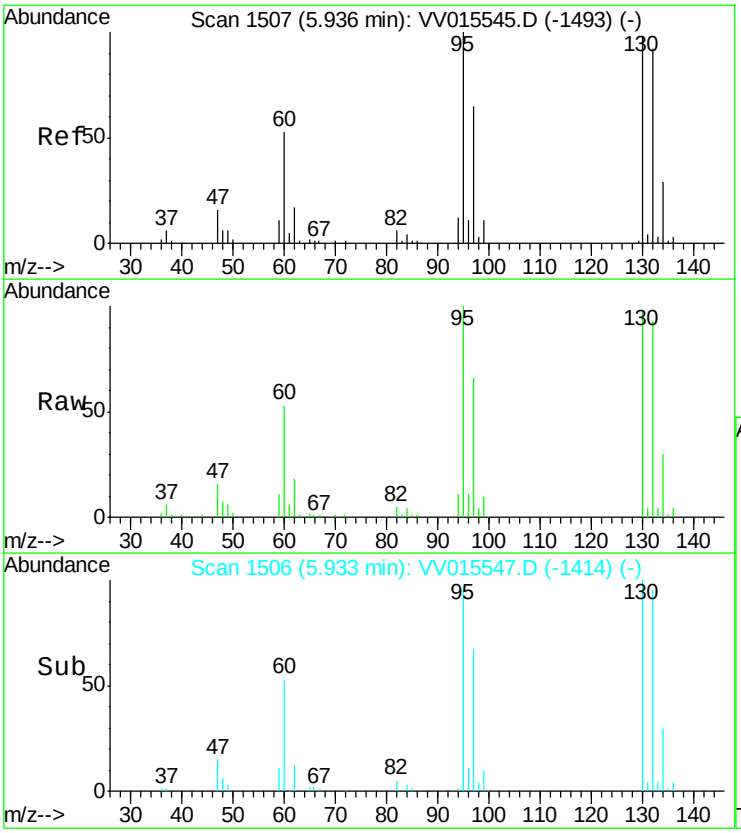
#22
cis-1,2-Dichloroethene
Concen: 0.934 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV015547.D
Acq: 17 Apr 2020 12:06

Instrument :
MSVOA_V
ClientSampleId :
BFRQ8DL

Tgt Ion: 96 Resp: 7256

Ion	Ratio	Lower	Upper
96	100		
61	139.2	100.0	185.8
68	0.0	0.0	0.0

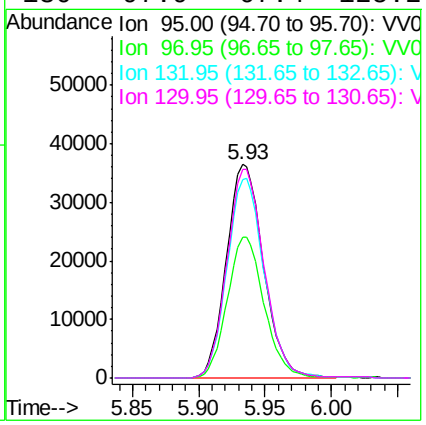


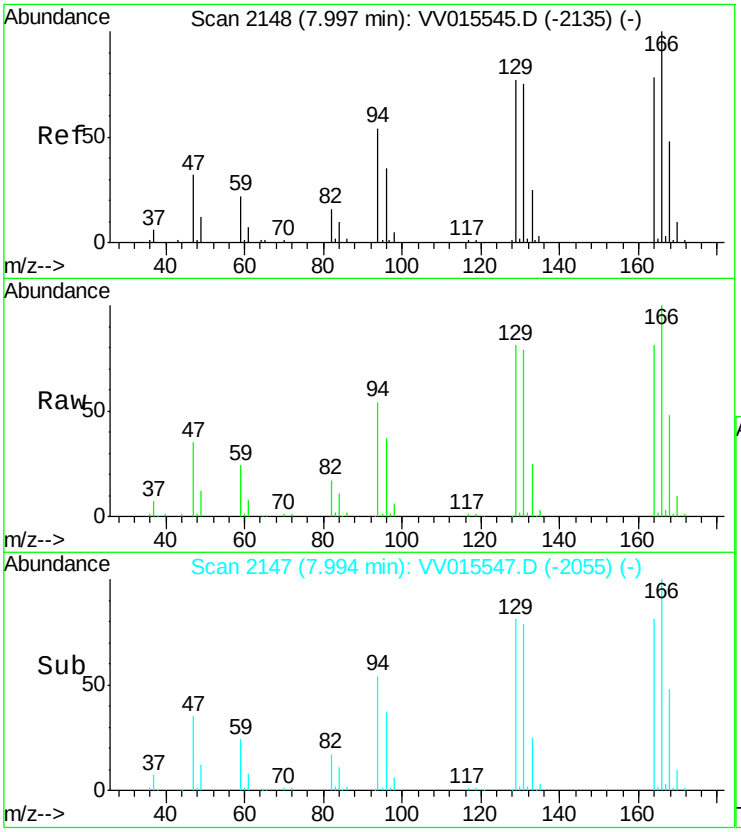


#34
Trichloroethene
Concen: 9.004 ug/L
RT: 5.93 min Scan# 1506
Delta R.T. -0.00 min
Lab File: VV015547.D
Acq: 17 Apr 2020 12:06

Tgt Ion: 95 Resp: 71059

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.4	84.4
132	92.8	64.8	120.4
130	97.9	67.4	125.2

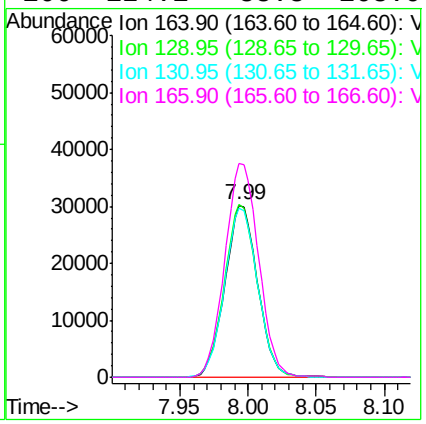




#47
Tetrachloroethene
Concen: 8.602 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV015547.D
Acq: 17 Apr 2020 12:06

Tgt Ion:164 Resp: 50292

Ion	Ratio	Lower	Upper
164	100		
129	100.6	70.6	131.0
131	98.2	68.3	126.8
166	124.1	88.3	163.9



Instrument :
MSVOA_V
ClientSampleId :
BFRQ8DL