Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041020\
Data File : VV015454.D
Acq On : 10 Apr 2020 15:51
Operator : SY/MD
Sample : L2216-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0Y11

Quant Time: Apr 11 06:55:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 11 04:49:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	110903	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104298	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50369	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36676	6.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 127.40%			
7) Chloroethane-d5	1.58	69	30984	5.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 117.00%			
11) 1,1-Dichloroethene-d2	2.12	63	50410	4.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.20%			
20) 2-Butanone-d5	3.93	46	82574	51.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.22%			
24) Chloroform-d	4.38	84	61239	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.06	65	35349	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.08	84	128021	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
36) 1,2-Dichloropropane-d6	6.10	67	39890	5.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.80%			
41) Toluene-d8	7.34	98	119955	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.60%			
43) trans-1,3-Dichloropropene-	7.65	79	15766	5.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.60%			
46) 2-Hexanone-d5	8.11	63	64460	42.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.30%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26810	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	11.65	152	42171	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1598	0.153	ug/L	98
9) Trichlorofluoromethane	1.77	101	29601	2.298	ug/L	99
13) Acetone	2.22	43	3654	3.201	ug/L #	34
22) cis-1,2-Dichloroethene	3.94	96	5363	0.658	ug/L	91
25) Chloroform	4.40	83	5163	0.341	ug/L	90
34) Trichloroethene	5.94	95	25499	3.035	ug/L	98
47) Tetrachloroethene	8.00	164	38485	6.182	ug/L	98

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

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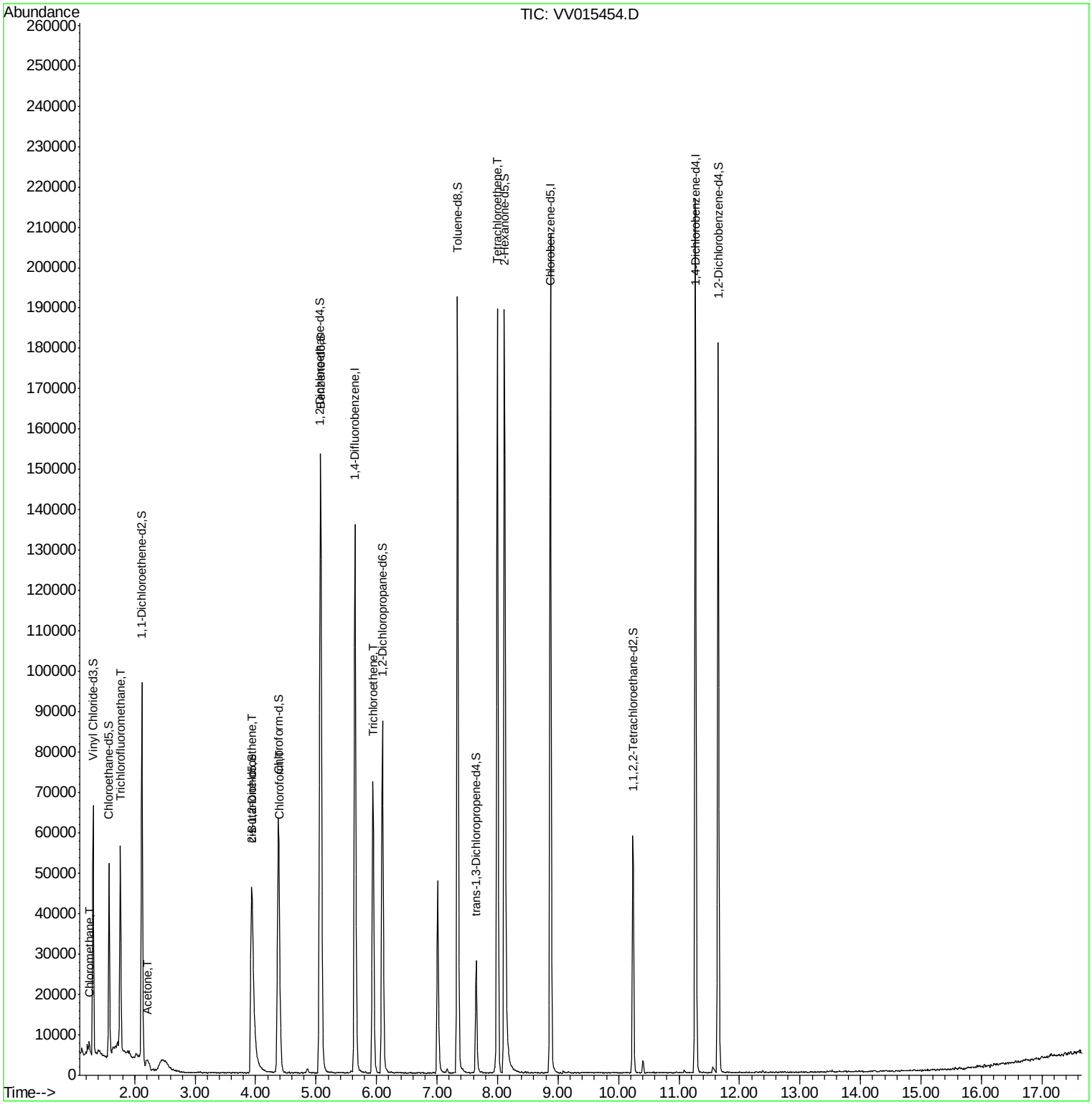
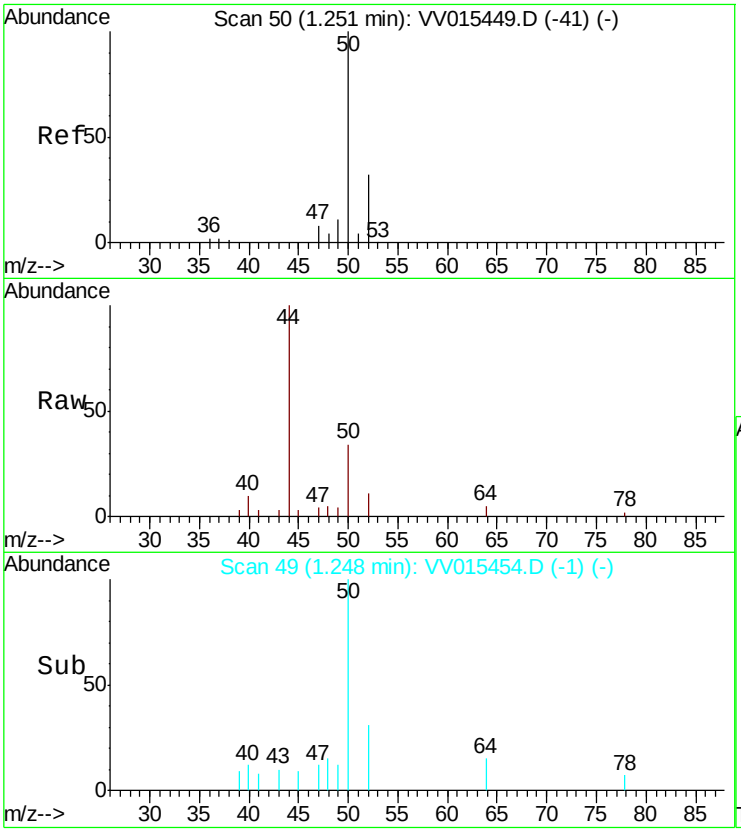


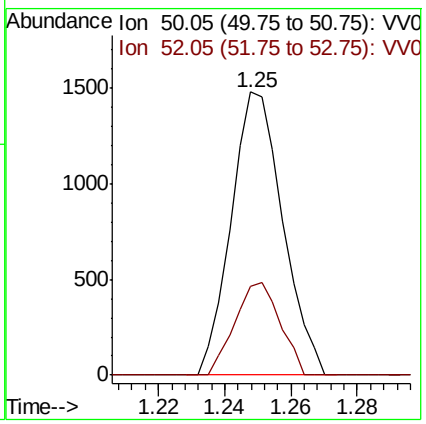


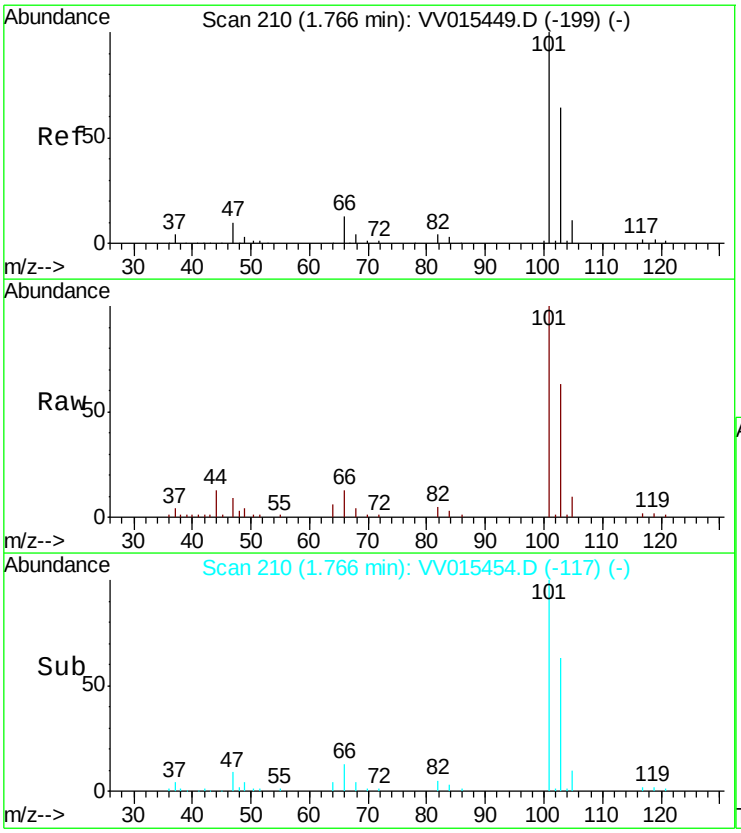
#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :
C0Y11

Tgt Ion: 50 Resp: 1598

Ion	Ratio	Lower	Upper
50	100		
52	31.3	22.7	42.1

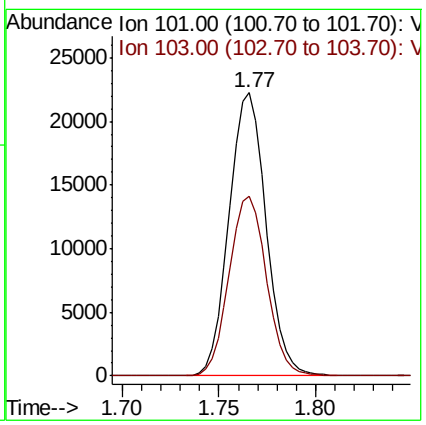


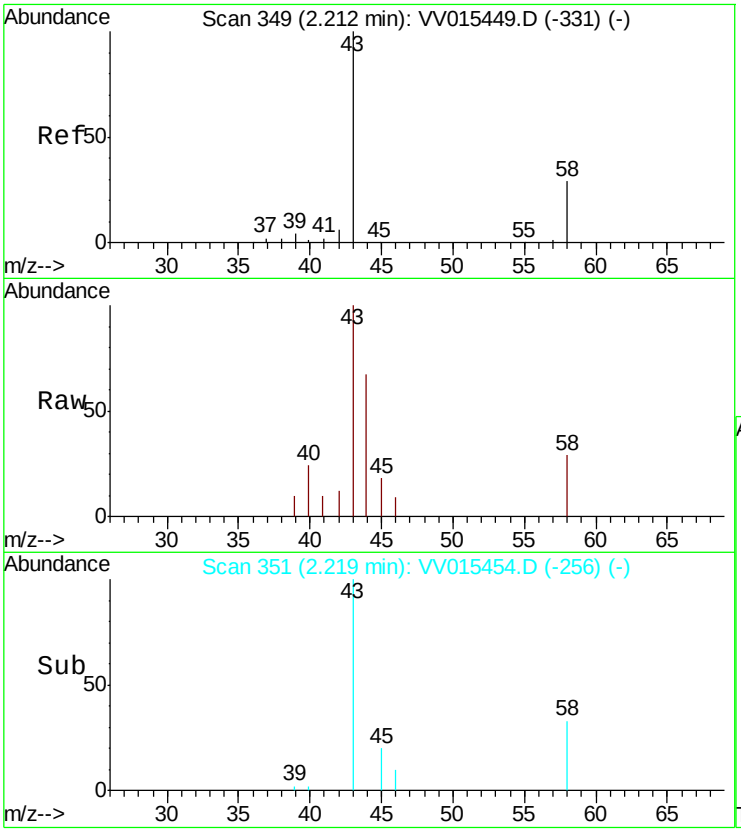


#9
Trichlorofluoromethane
Concen: 2.298 ug/L
RT: 1.77 min Scan# 210
Delta R.T. -0.00 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Tgt Ion:101 Resp: 29601

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.9	77.9



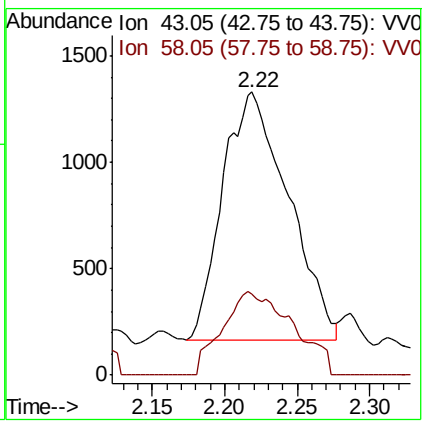


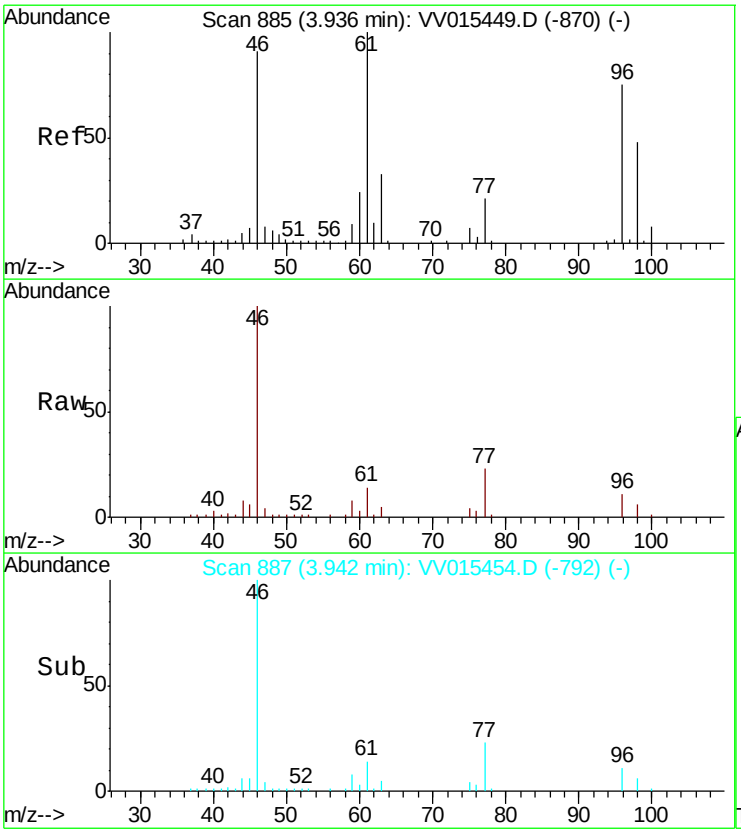
#13
Acetone
Concen: 3.201 ug/L
RT: 2.22 min Scan# 351
Delta R.T. 0.01 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Instrument : MSVOA_V
ClientSampleId : C0Y11

Tgt Ion: 43 Resp: 3654

Ion	Ratio	Lower	Upper
43	100		
58	36.2	0.0	22.2#

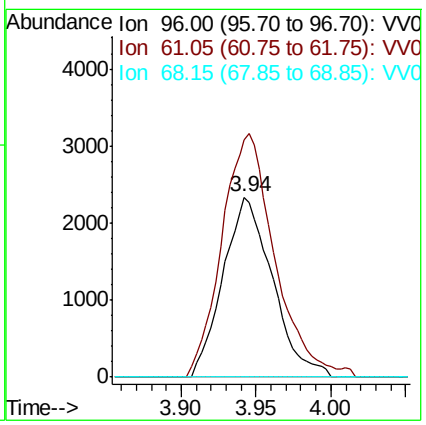


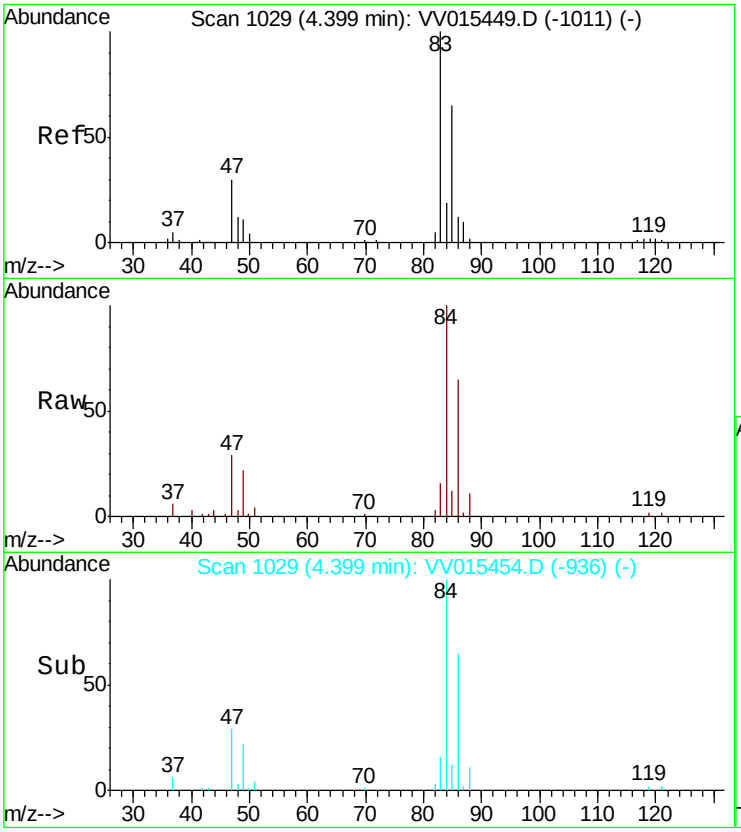


#22
cis-1,2-Dichloroethene
Concen: 0.658 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Tgt Ion: 96 Resp: 5363

Ion	Ratio	Lower	Upper
96	100		
61	131.8	100.0	185.8
68	0.0	0.0	0.0



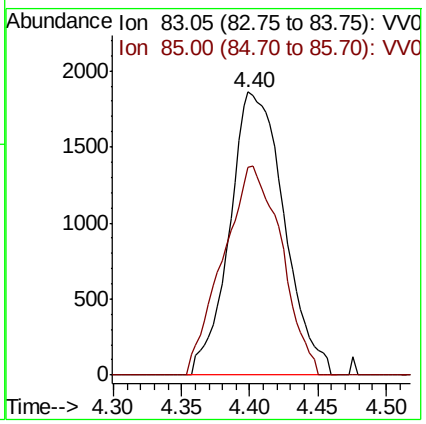


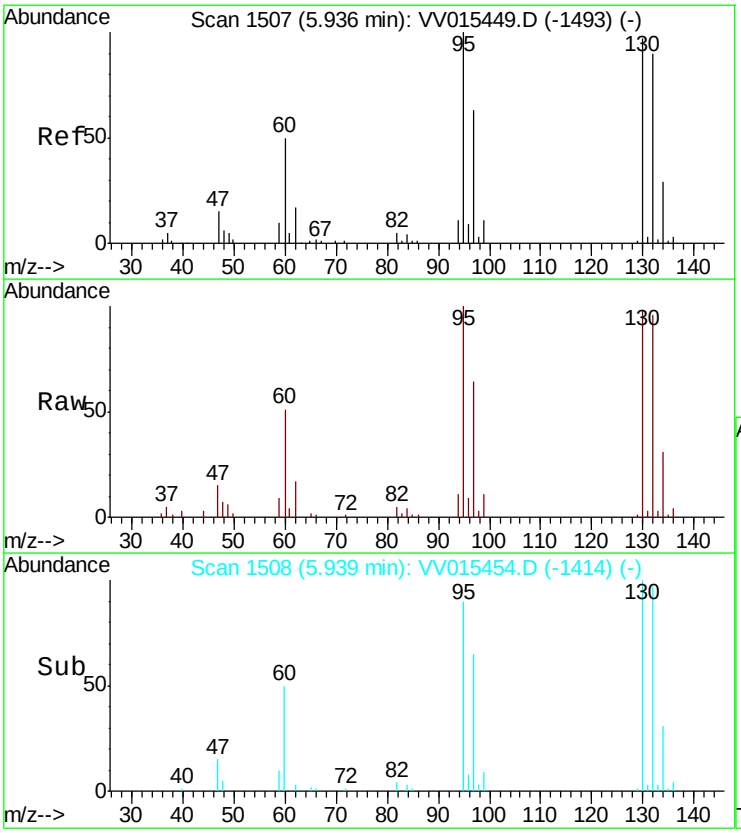
#25
Chloroform
Concen: 0.341 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :
C0Y11

Tgt Ion: 83 Resp: 5163

Ion	Ratio	Lower	Upper
83	100		
85	73.6	45.9	85.3

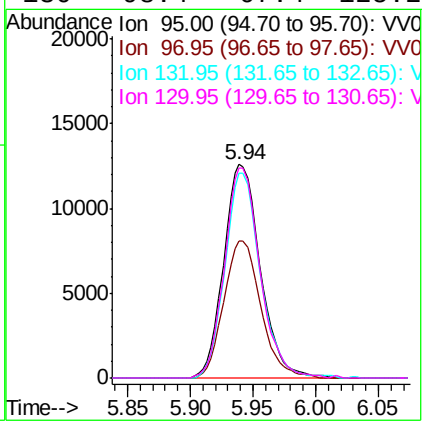


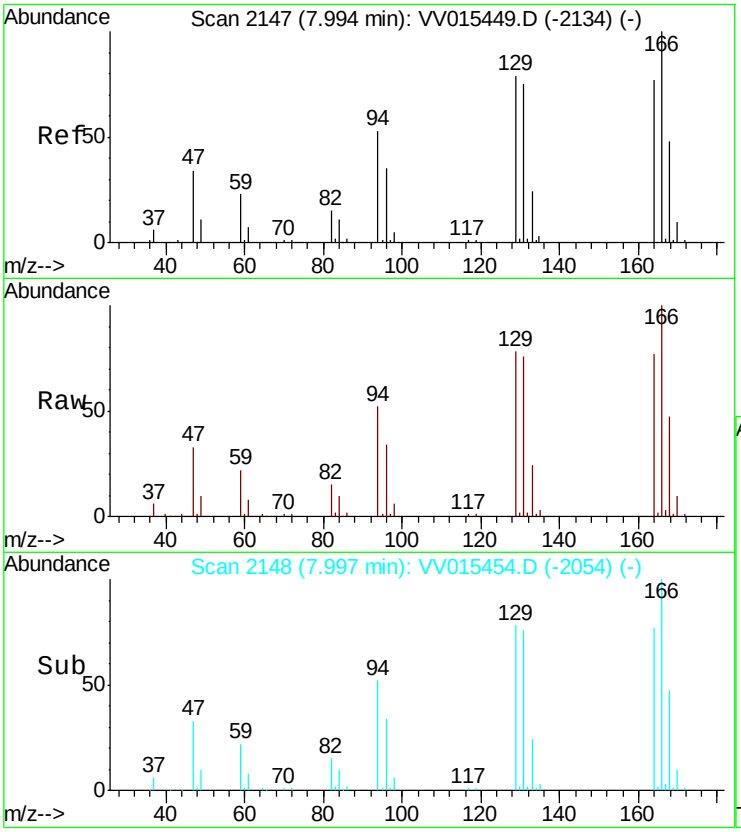


#34
Trichloroethene
Concen: 3.035 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Tgt Ion: 95 Resp: 25499

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.4	84.4
132	95.7	64.8	120.4
130	98.4	67.4	125.2





#47
Tetrachloroethene
Concen: 6.182 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015454.D
Acq: 10 Apr 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :
C0Y11

Tgt Ion:164 Resp: 38485

Ion	Ratio	Lower	Upper
164	100		
129	101.2	70.6	131.0
131	99.6	68.3	126.8
166	130.2	88.3	163.9