Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
Data File : VV014073.D
Acq On : 16 Dec 2019 15:35
Operator : SY/MD
Sample : K6275-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 17 06:39:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 05:42:45 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BFDS2

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	374220	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	366463	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161966	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	102613	4.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.60%			
7) Chloroethane-d5	1.58	69	94967	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.13	63	126470	3.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.80%			
20) 2-Butanone-d5	3.92	46	309013	64.18	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 128.36%			
24) Chloroform-d	4.40	84	181817	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.80%			
26) 1,2-Dichloroethane-d4	5.08	65	107153	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.10	84	372109	3.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.80%			
36) 1,2-Dichloropropane-d6	6.12	67	125390	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.00%			
41) Toluene-d8	7.36	98	271051	3.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 61.20%#			
43) trans-1,3-Dichloropropene-	7.66	79	40482	3.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.80%			
46) 2-Hexanone-d5	8.13	63	197066	48.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.44%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97878	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	131462	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	1.77	101	5251	0.151	ug/L	95
13) Acetone	2.19	43	16020m	4.758	ug/L	
14) Carbon disulfide	2.32	76	19320	0.465	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	45714	0.928	ug/L #	89
18) trans-1,2-Dichloroethene	2.79	96	4812	0.237	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	18101	0.760	ug/L	94
25) Chloroform	4.42	83	32971	0.767	ug/L	99
34) Trichloroethene	5.95	95	110490	4.456	ug/L	96

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

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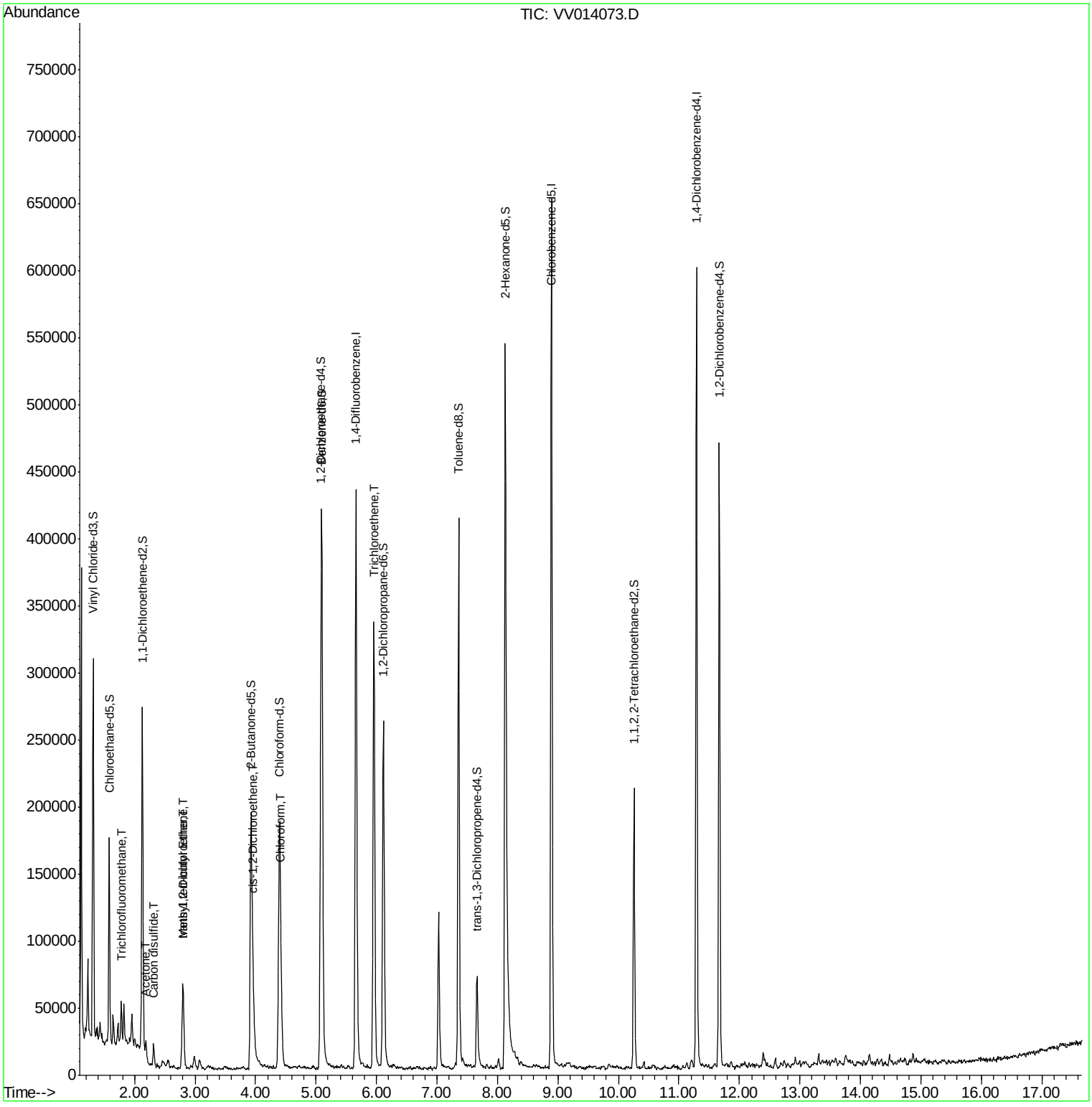
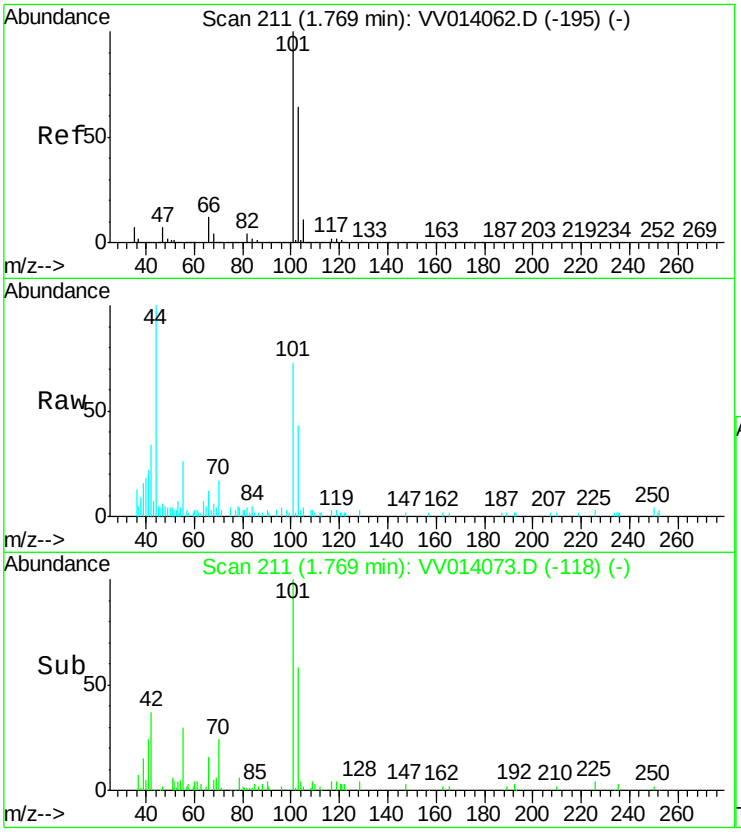
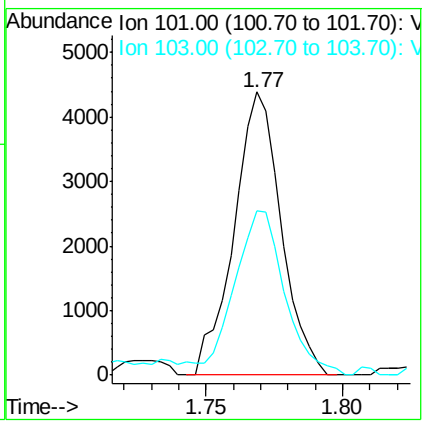




#9
Trichlorofluoromethane
Concen: 0.151 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV014073.D
Acq: 16 Dec 2019 15:35

Tgt Ion:101 Resp: 5251

Ion	Ratio	Lower	Upper
101	100		
103	61.9	52.9	79.3



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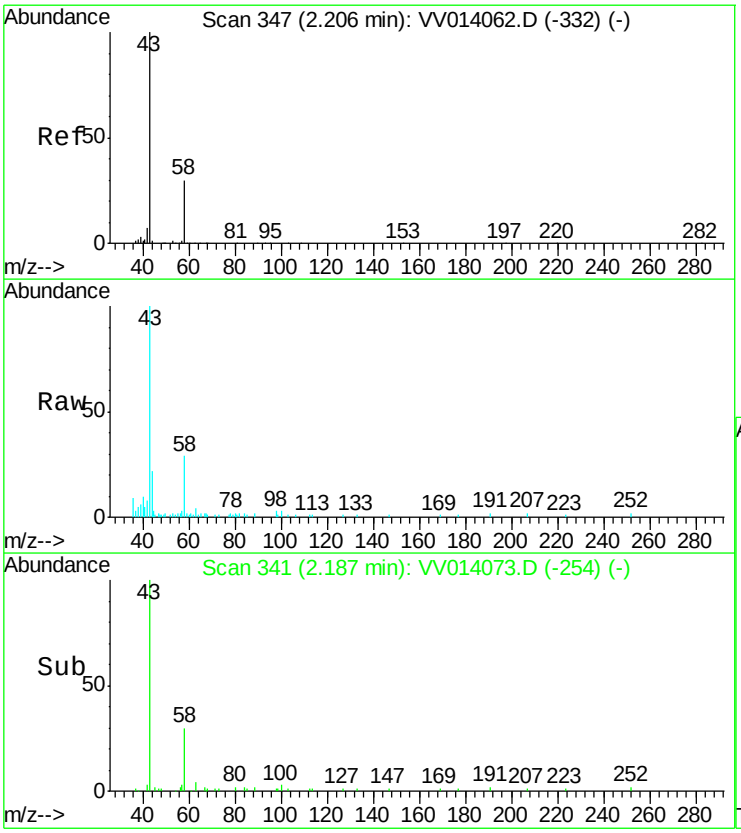
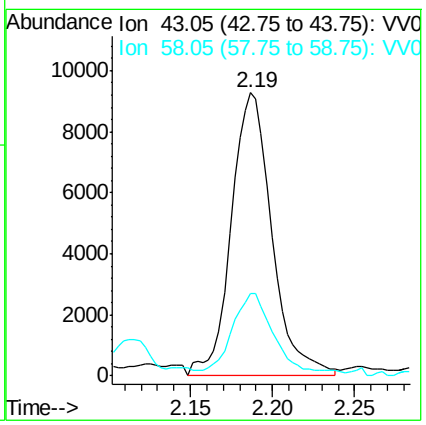
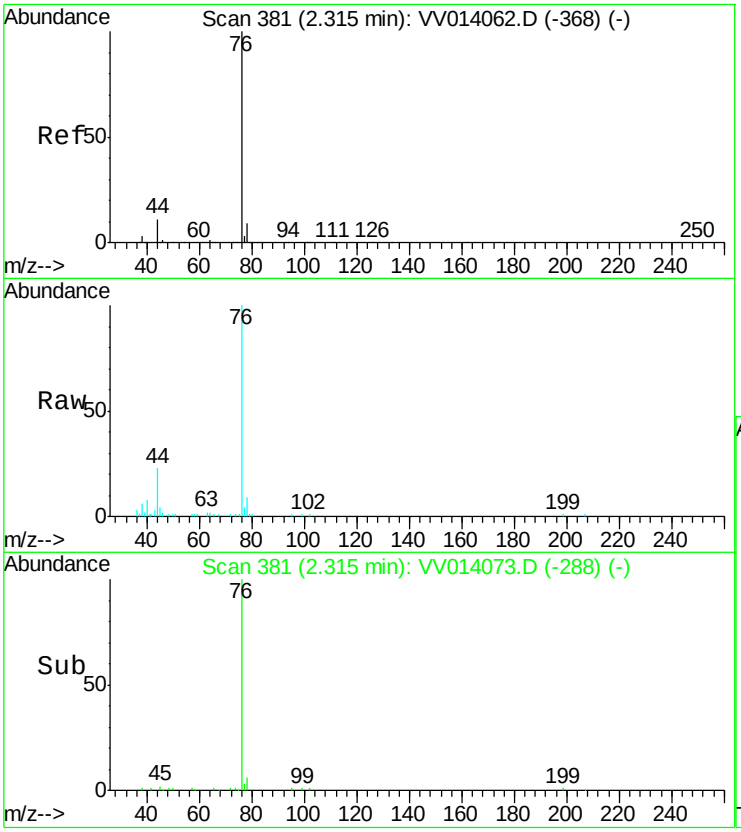


#13
Acetone
Concen: 4.758 ug/L m
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV014073.D
Acq: 16 Dec 2019 15:35

Tgt Ion: 43 Resp: 16020

Ion	Ratio	Lower	Upper
43	100		
58	1.1	0.0	27.2





#14
Carbon disulfide
Concen: 0.465 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV014073.D
Acq: 16 Dec 2019 15:35

Tgt Ion: 76 Resp: 19320

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

Instrument :
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ClientSampleId :
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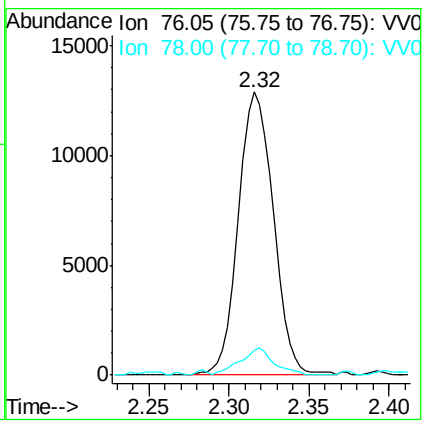
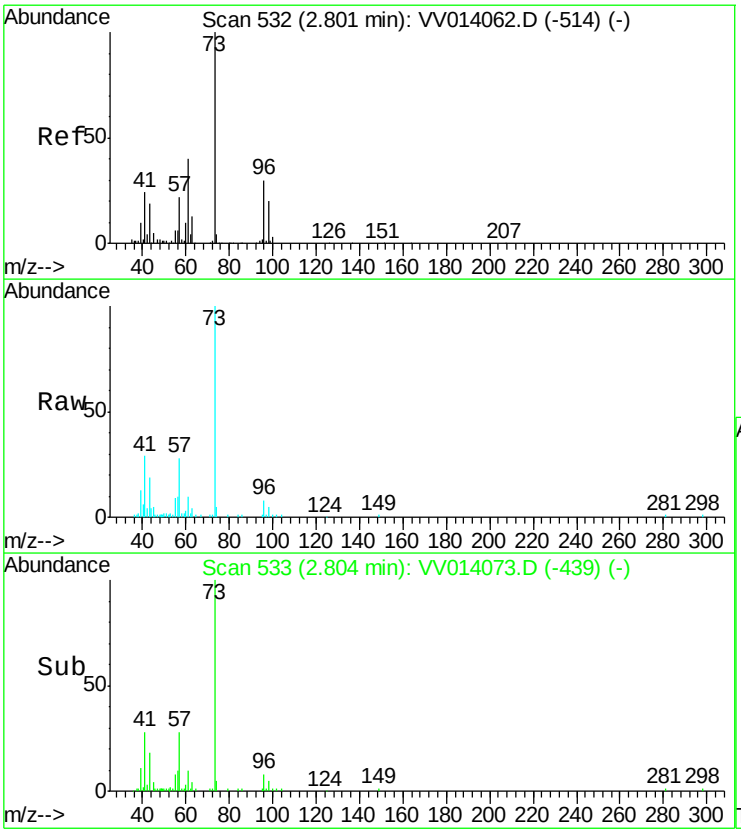
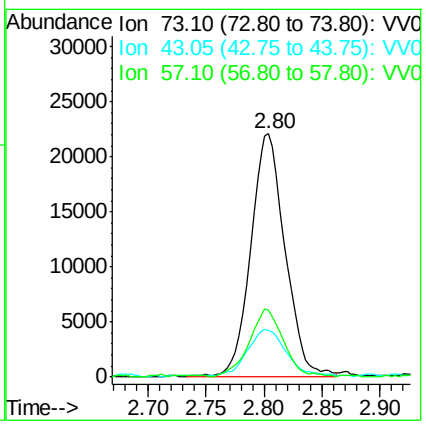


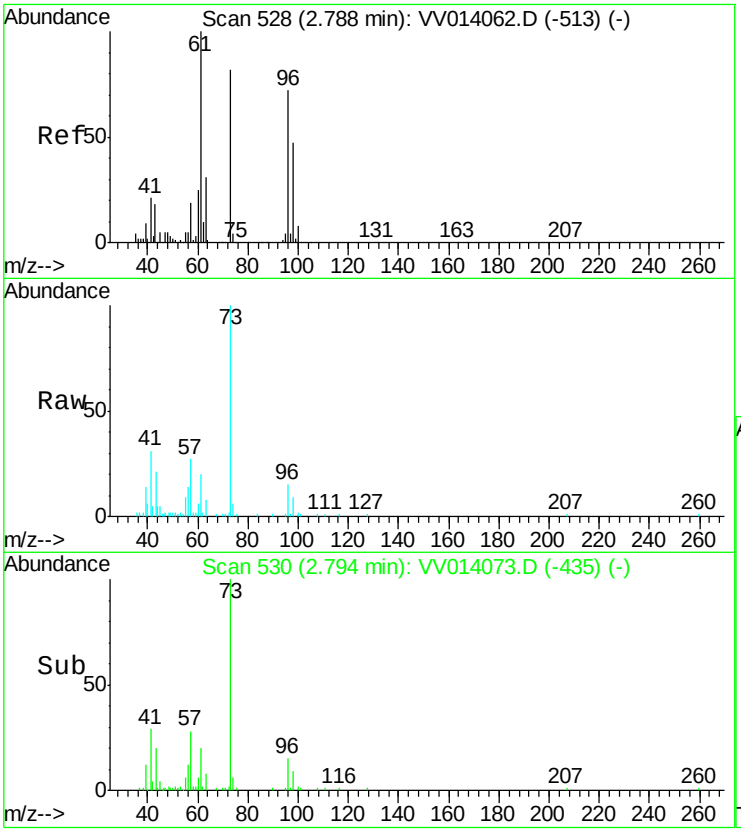


#17
Methyl tert-butyl Ether
Concen: 0.928 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV014073.D
Acq: 16 Dec 2019 15:35

Tgt Ion: 73 Resp: 45714

Ion	Ratio	Lower	Upper
73	100		
43	23.1	15.5	23.3
57	27.9	17.5	26.3#

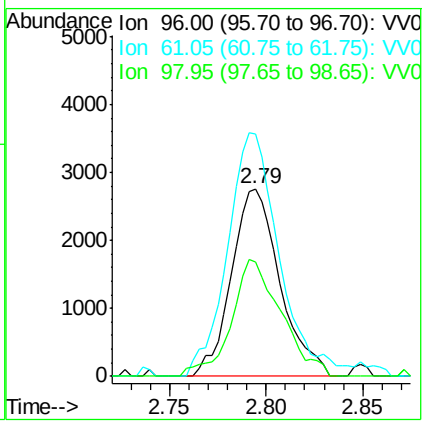




#18
trans-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV014073.D
Acq: 16 Dec 2019 15:35

Tgt Ion: 96 Resp: 4812

Ion	Ratio	Lower	Upper
96	100		
61	128.9	95.1	176.7
98	60.6	46.5	86.3



Instrument :
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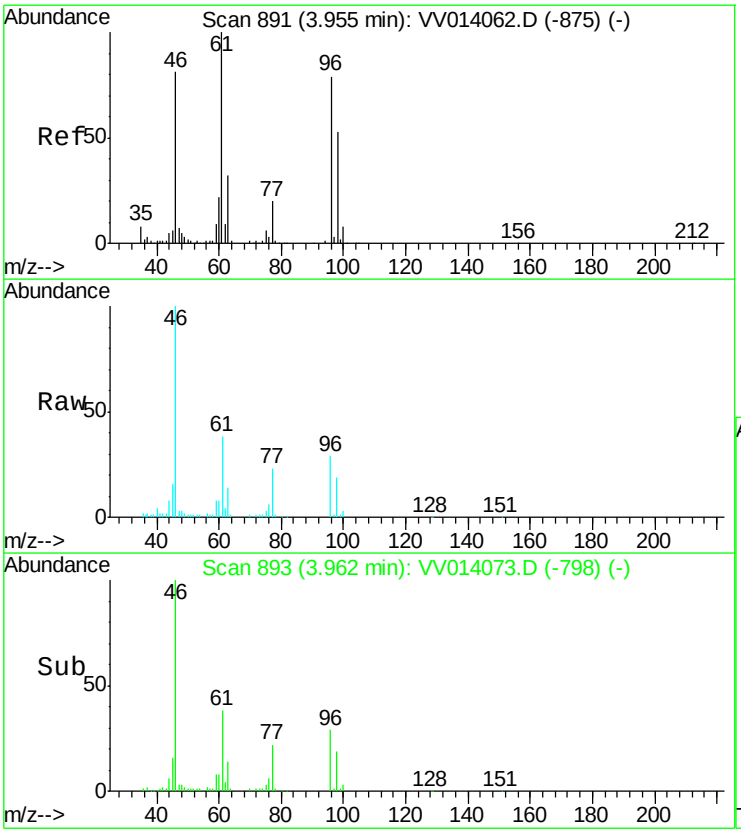
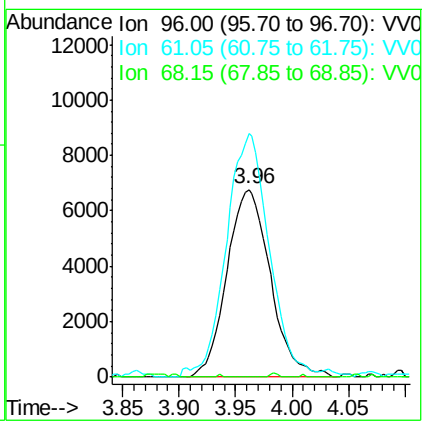
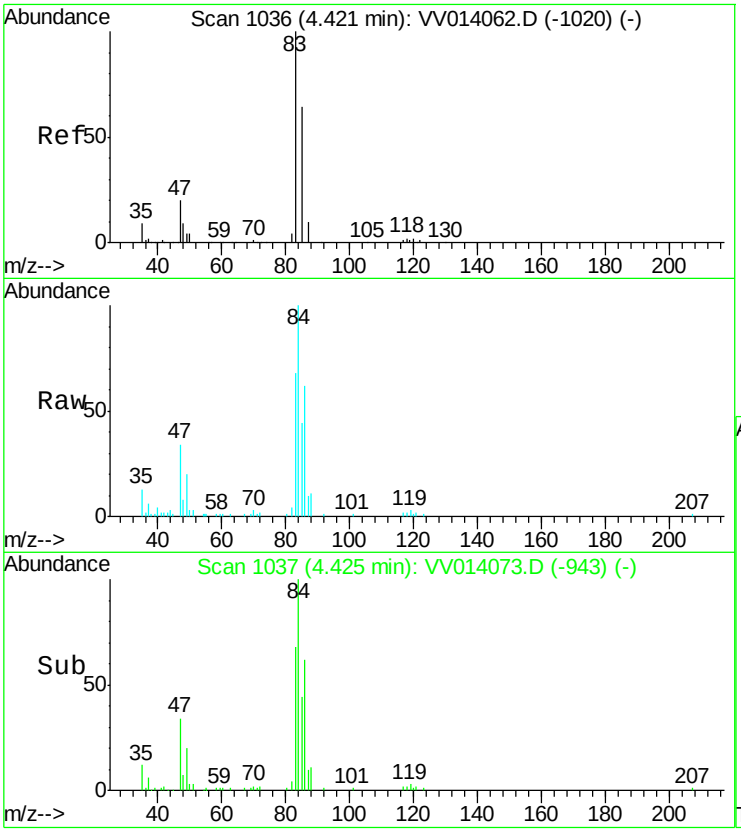


#22
cis-1,2-Dichloroethene
Concen: 0.760 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV014073.D
Acq: 16 Dec 2019 15:35

Tgt Ion: 96 Resp: 18101

Ion	Ratio	Lower	Upper
96	100		
61	129.8	86.1	159.9
68	0.0	0.0	0.0

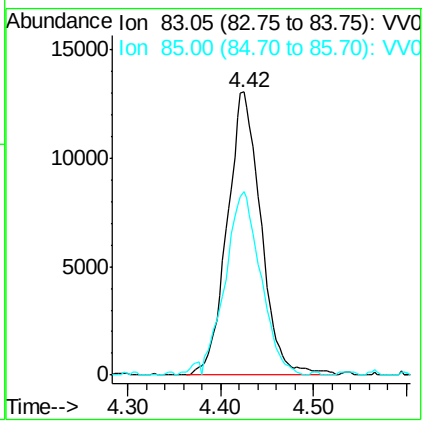




#25
Chloroform
Concen: 0.767 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014073.D
Acq: 16 Dec 2019 15:35

Tgt Ion: 83 Resp: 32971

Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.1	83.7



Instrument :
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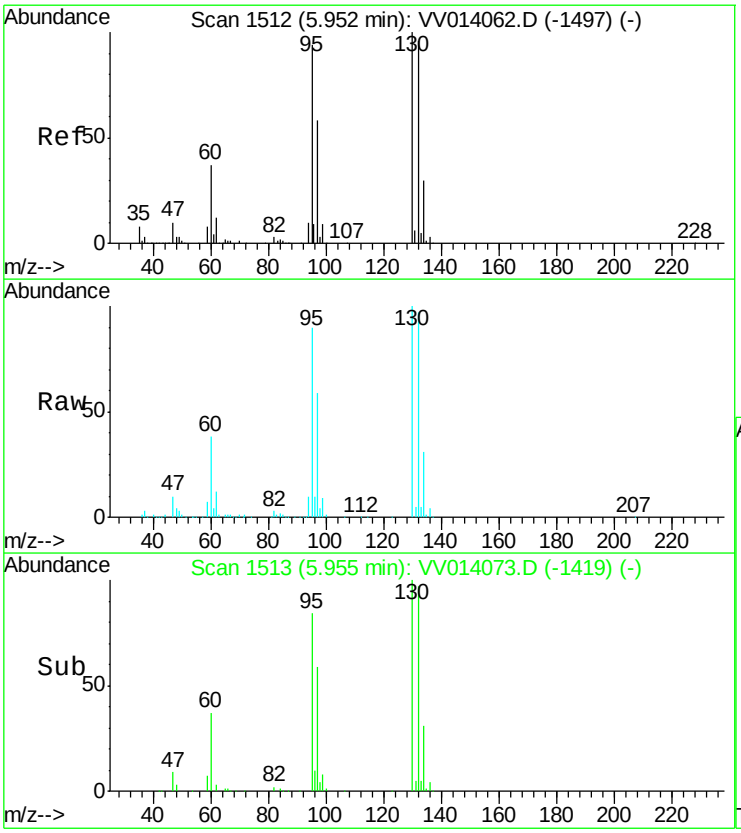

#34
Trichloroethene
Concen: 4.456 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014073.D
Acq: 16 Dec 2019 15:35

Tgt Ion: 95 Resp: 110490

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.6	84.8
132	108.1	70.5	130.9
130	111.6	75.9	140.9