Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030119\

Quantitation Report (Not Reviewed)

Data File : VV009450.D
Acq On : 01 Mar 2019 12:49
Operator : SY/MD
Sample : K1599-07DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 02 00:10:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88905	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39642	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23751	5.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.40%			
7) Chloroethane-d5	1.58	69	22819	5.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.80%			
11) 1,1-Dichloroethene-d2	2.13	63	45435	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%			
20) 2-Butanone-d5	3.96	46	54085	61.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.84%			
24) Chloroform-d	4.40	84	50916	5.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.00%			
26) 1,2-Dichloroethane-d4	5.09	65	26231	5.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.00%			
32) Benzene-d6	5.10	84	104452	5.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.80%			
36) 1,2-Dichloropropane-d6	6.12	67	31328	5.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.20%			
41) Toluene-d8	7.36	98	104556	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.60%			
43) trans-1,3-Dichloropropene-	7.67	79	12681	5.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.60%			
46) 2-Hexanone-d5	8.14	63	48260	60.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.52%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23408	5.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	36996	5.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.00%			

Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	4929	0.777	ug/L #	58
8) Chloroethane	1.60	64	1347	0.319	ug/L #	78
16) Methylene chloride	2.54	84	1122	0.173	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	19818	3.141	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	41078	6.972	ug/L	97
34) Trichloroethene	5.96	95	970	0.154	ug/L	98
35) Methylcyclohexane	6.12	83	7677	0.745	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3757	0.691	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	900	0.105	ug/L #	57
42) Toluene	7.43	91	15101	0.596	ug/L	94
44) trans-1,3-Dichloropropene	7.66	75	629	0.094	ug/L #	72

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030119\

Quantitation Report (Not Reviewed)

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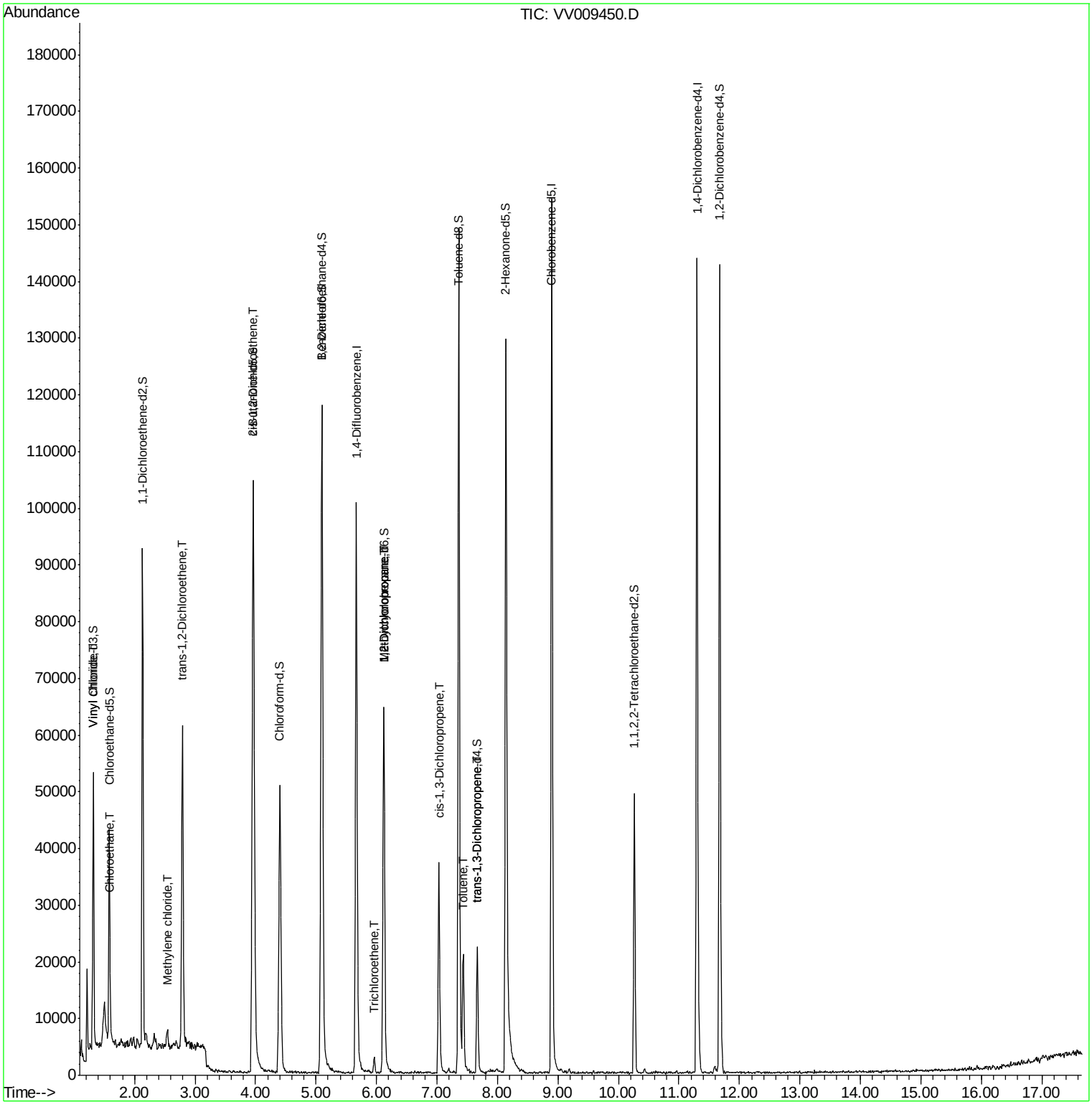
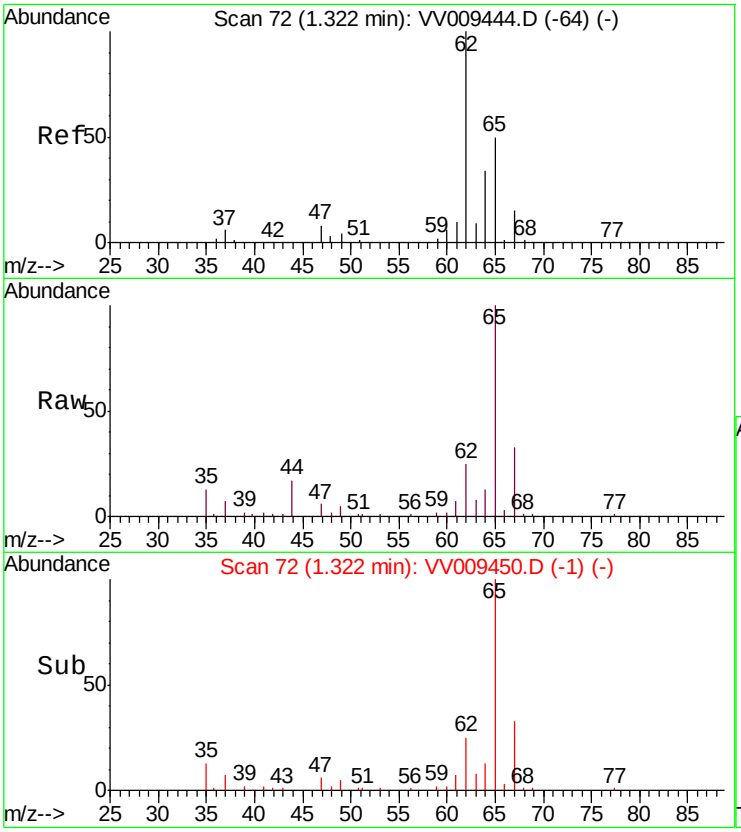
Quant Time: Mar 02 00:10:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

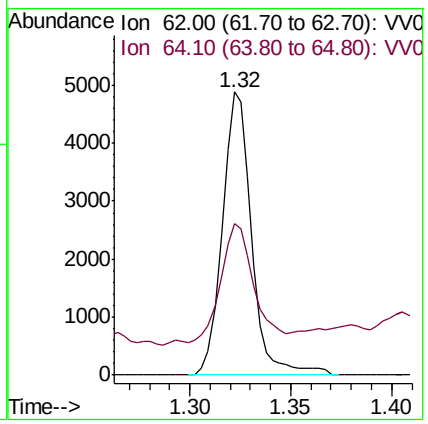


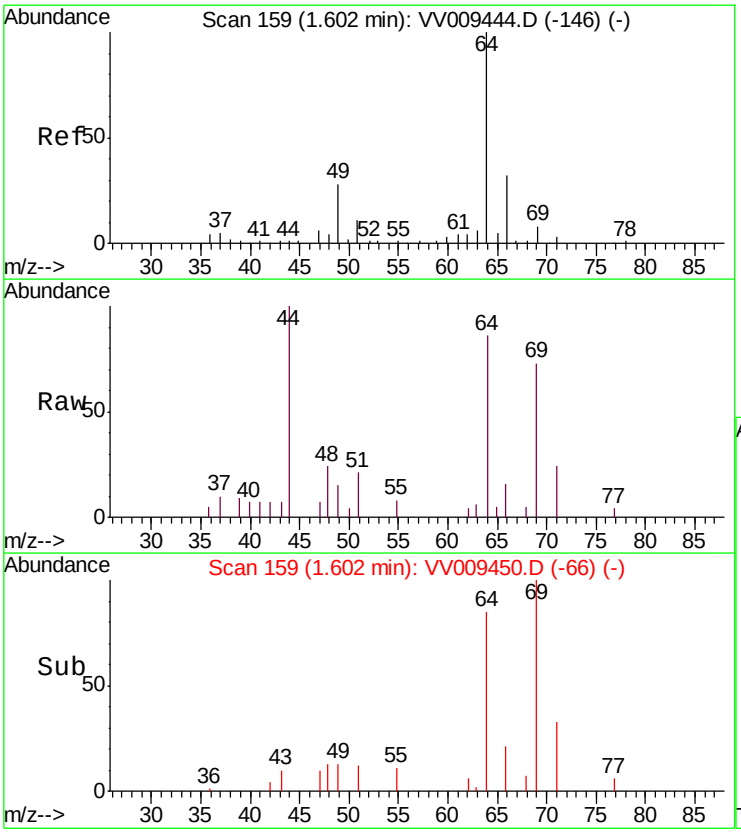


#5
Vinyl chloride
Concen: 0.777 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 62 Resp: 4929

Ion	Ratio	Lower	Upper
62	100		
64	53.6	21.6	40.0#

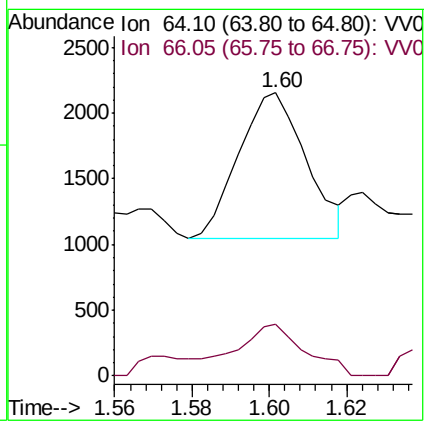


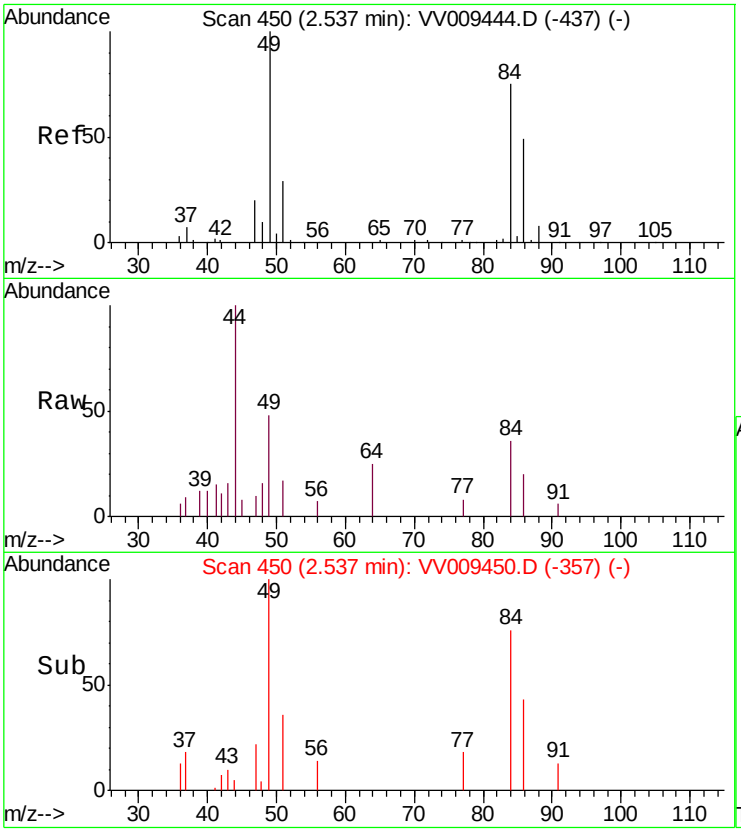


#8
Chloroethane
Concen: 0.319 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 64 Resp: 1347

Ion	Ratio	Lower	Upper
64	100		
66	18.2	21.3	39.5#

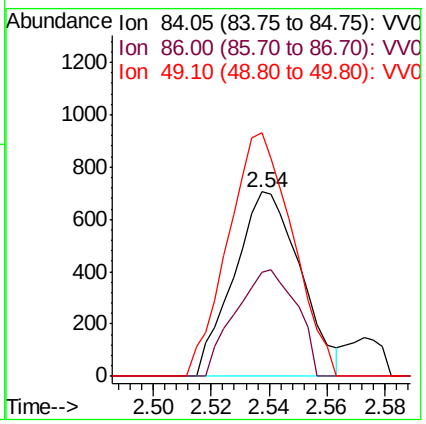


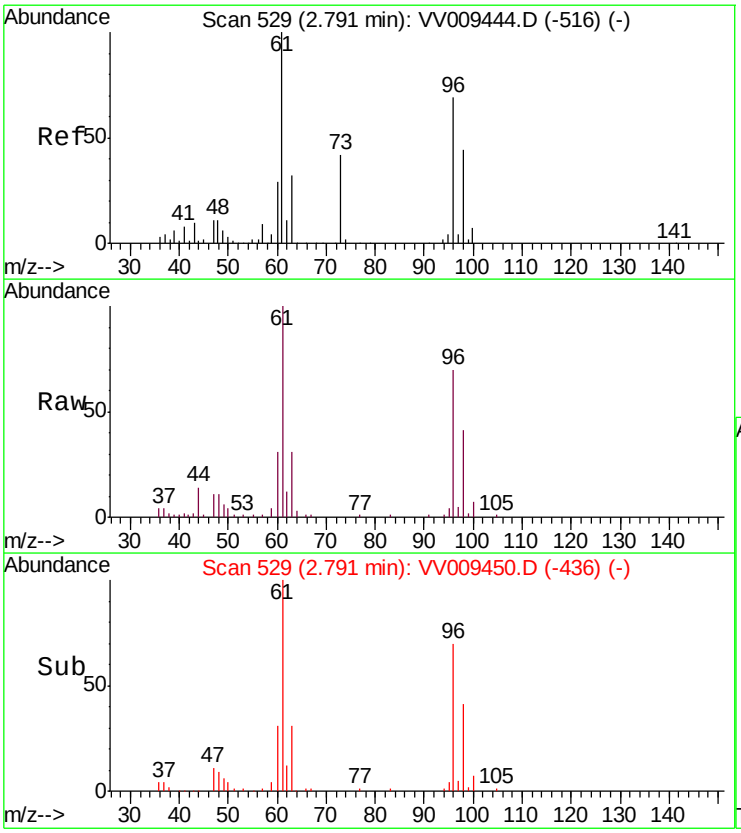


#16
Methylene chloride
Concen: 0.173 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 84 Resp: 1122

Ion	Ratio	Lower	Upper
84	100		
86	56.3	42.8	79.4
49	132.1	90.6	168.2

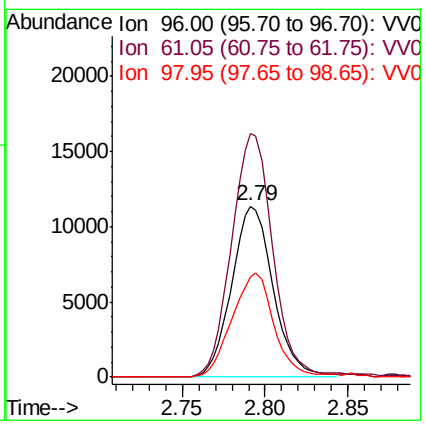


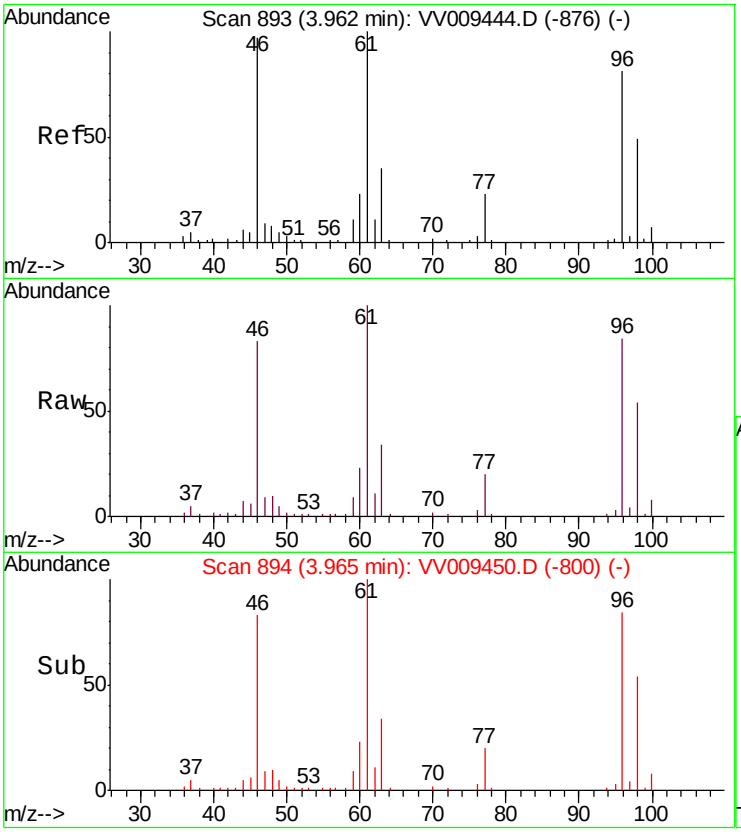


#18
trans-1,2-Dichloroethene
Concen: 3.141 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 96 Resp: 19818

Ion	Ratio	Lower	Upper
96	100		
61	142.3	106.0	196.8
98	58.3	48.2	89.4

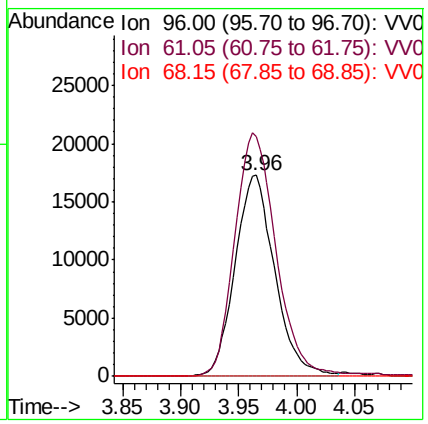


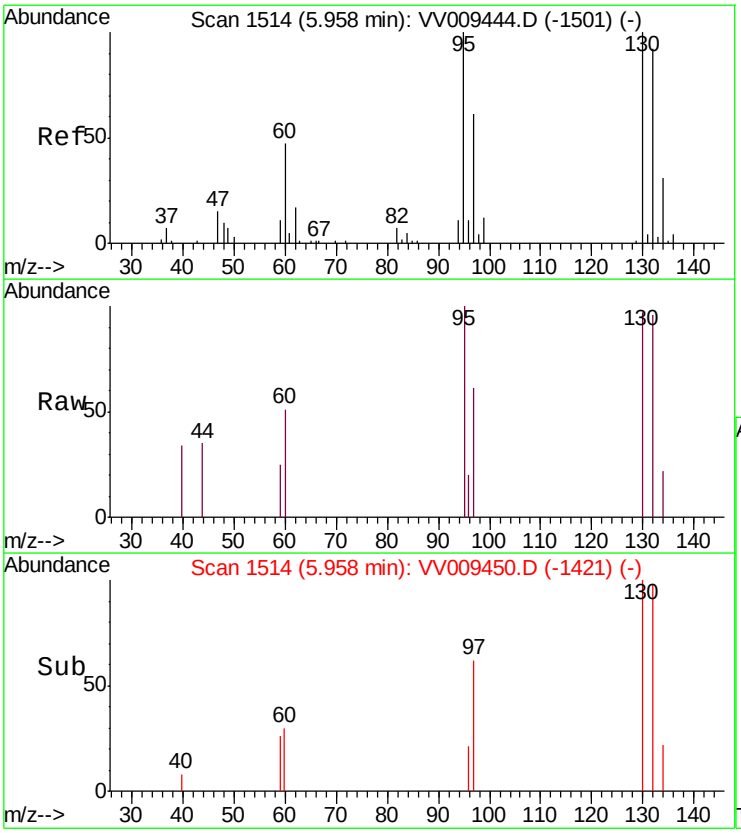


#22
cis-1,2-Dichloroethene
Concen: 6.972 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 96 Resp: 41078

Ion	Ratio	Lower	Upper
96	100		
61	119.3	86.0	159.8
68	0.0	0.0	0.0

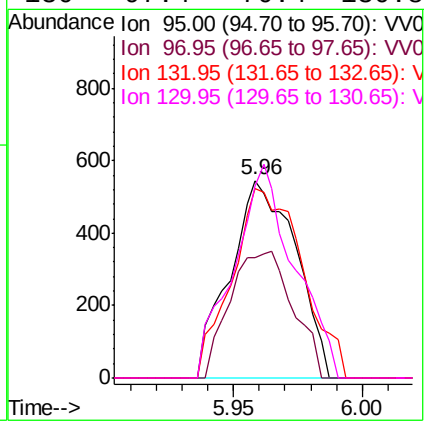


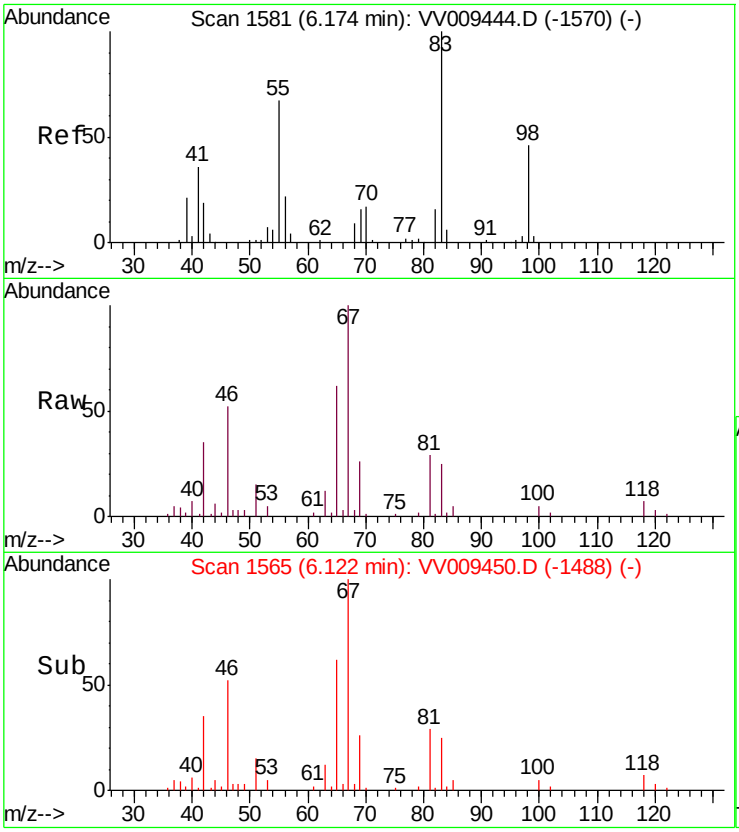


#34
Trichloroethene
Concen: 0.154 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 95 Resp: 970

Ion	Ratio	Lower	Upper
95	100		
97	60.8	44.2	82.2
132	96.0	67.8	126.0
130	97.4	70.4	130.8

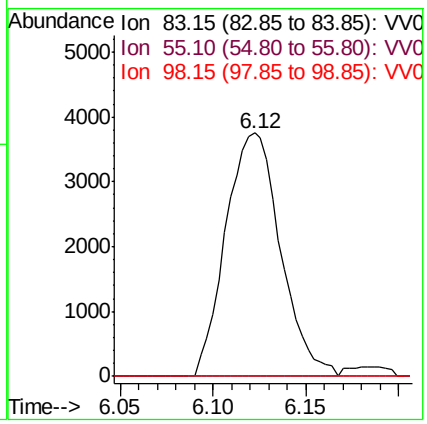


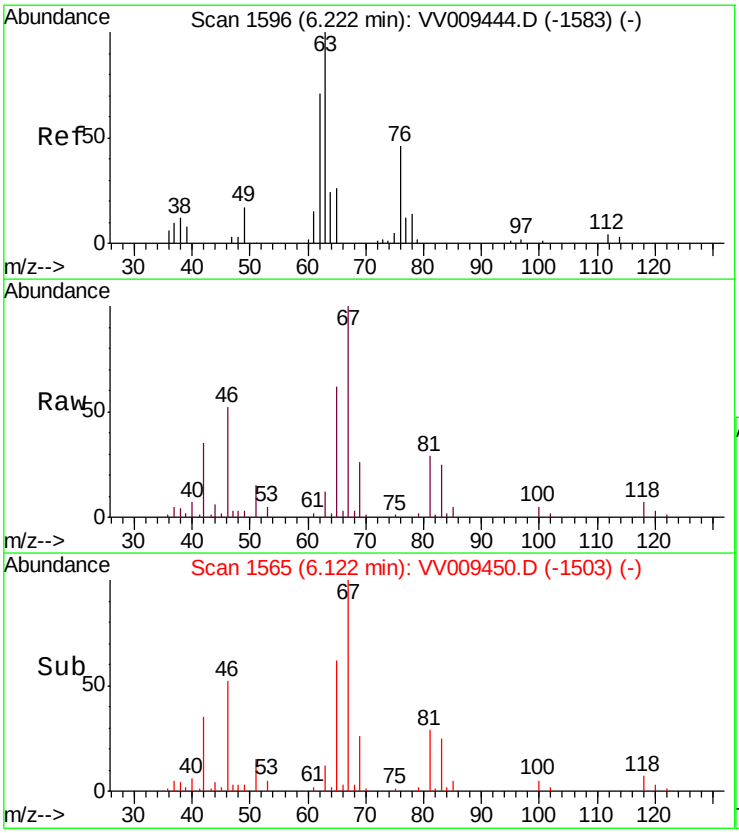


#35
Methylcyclohexane
Concen: 0.745 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 83 Resp: 7677

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.8	89.8#
98	0.0	39.9	59.9#

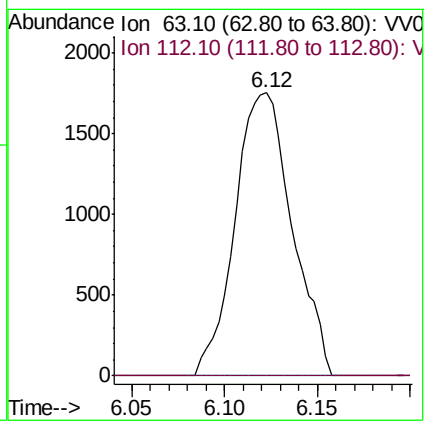


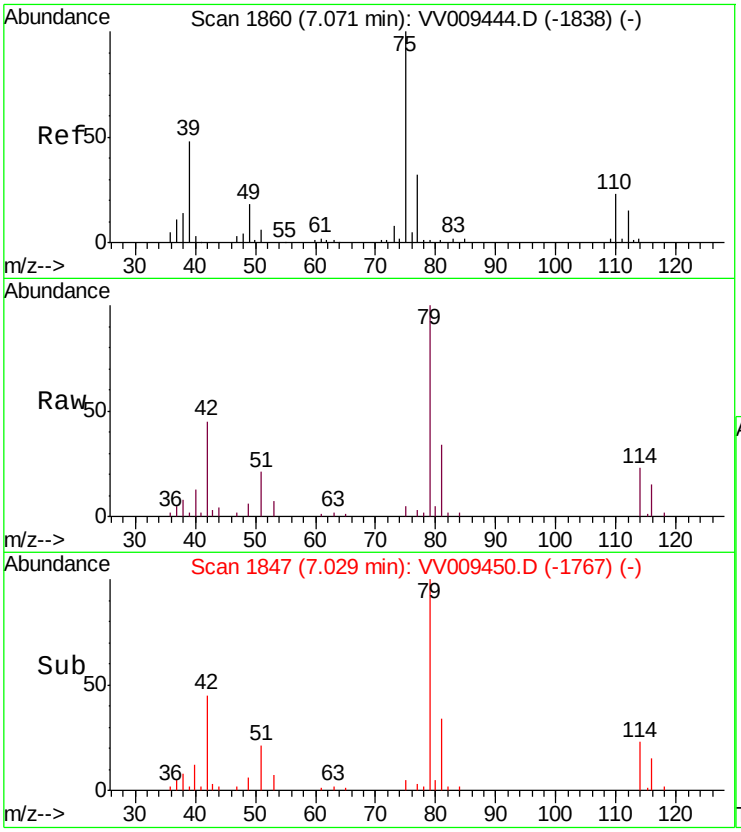


#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 63 Resp: 3757

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

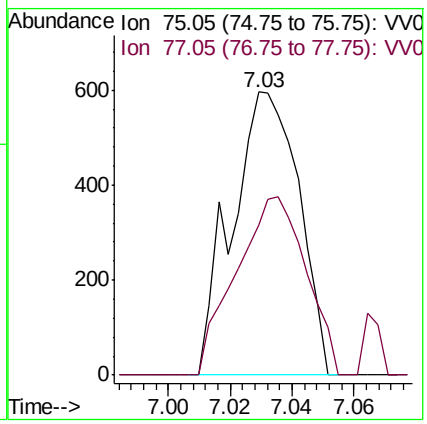


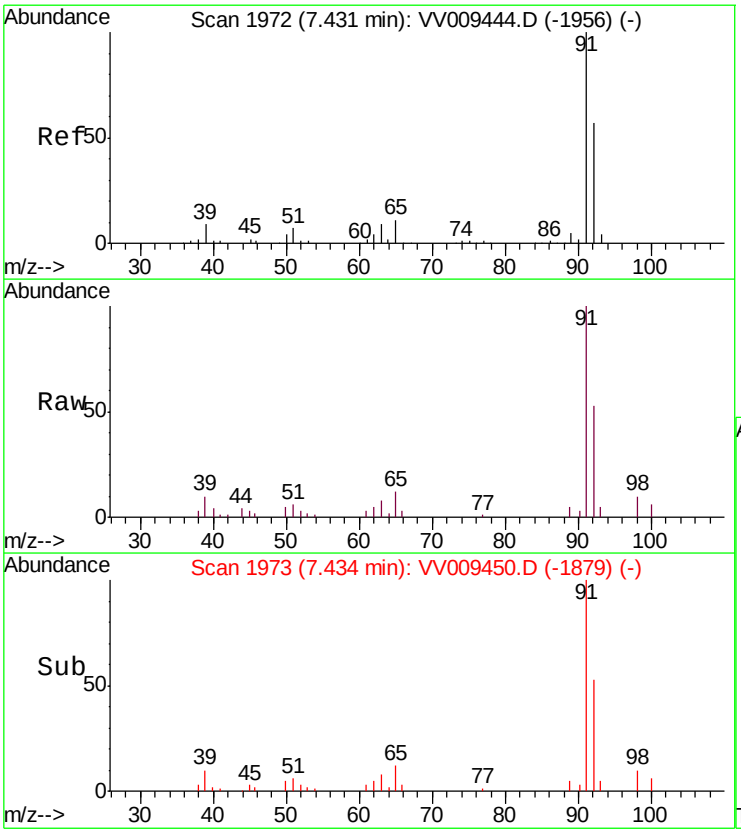


#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 75 Resp: 900

Ion	Ratio	Lower	Upper
75	100		
77	53.2	21.1	39.1#

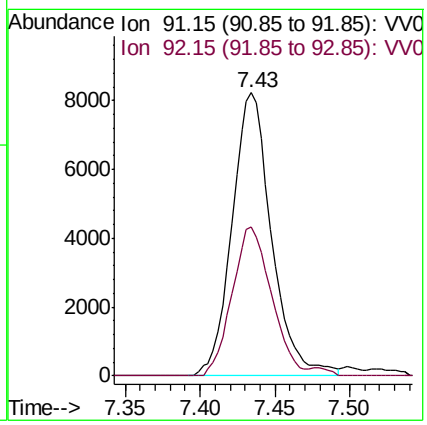


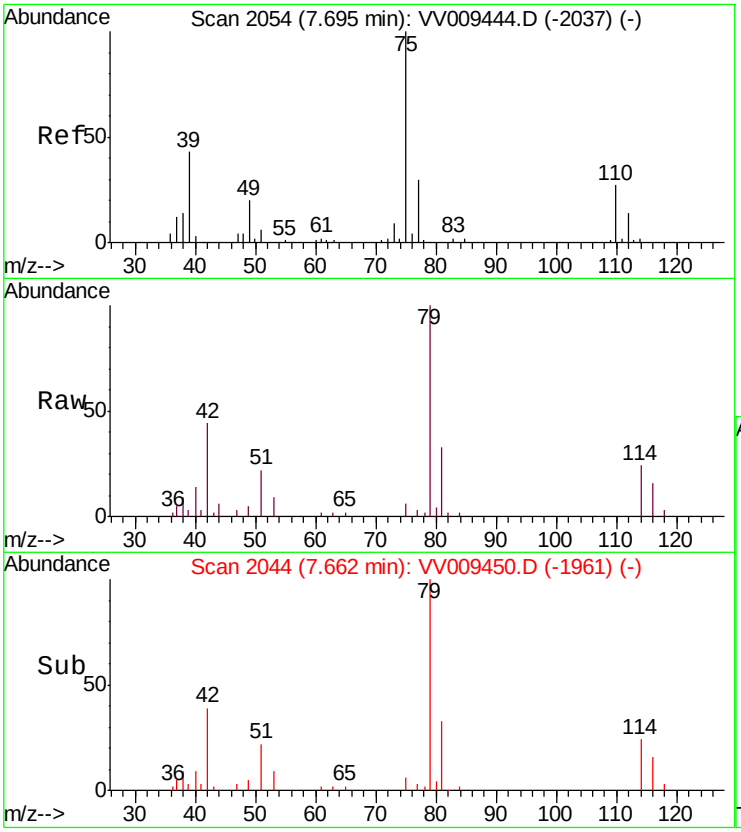


#42
Toluene
Concen: 0.596 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 91 Resp: 15101

Ion	Ratio	Lower	Upper
91	100		
92	52.6	39.8	73.8





#44
trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009450.D
Acq: 01 Mar 2019 12:49

Tgt Ion: 75 Resp: 629

Ion	Ratio	Lower	Upper
75	100		
77	47.0	22.2	41.2#