Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062419\
Data File : VV011737.D
Acq On : 24 Jun 2019 18:26
Operator : SY/MD
Sample : K3381-12DL 250X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 25 08:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 25 08:19:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154220	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142577	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60355	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49754	4.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.20%			
7) Chloroethane-d5	1.57	69	39122	5.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.80%			
11) 1,1-Dichloroethene-d2	2.12	63	88051	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.60%			
20) 2-Butanone-d5	3.94	46	158150	58.65	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.30%			
24) Chloroform-d	4.40	84	102724	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.00%			
26) 1,2-Dichloroethane-d4	5.08	65	61670	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.00%			
32) Benzene-d6	5.09	84	210002	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	6.12	67	66345	5.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.40%			
41) Toluene-d8	7.36	98	178790	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
43) trans-1,3-Dichloropropene-	7.66	79	21086	4.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.60%			
46) 2-Hexanone-d5	8.13	63	120473	59.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.96%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46623	5.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	61649	5.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	2693	0.185	ug/L	99
5) Vinyl chloride	1.32	62	6007	0.421	ug/L	84
12) 1,1-Dichloroethene	2.13	96	21567	2.260	ug/L #	54
16) Methylene chloride	2.53	84	1384	0.130	ug/L	91
19) 1,1-Dichloroethane	3.22	63	52117	2.337	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	141104	11.443	ug/L	99
25) Chloroform	4.42	83	4730	0.193	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	17579	0.958	ug/L	99
31) Carbon tetrachloride	4.66	117	2351	0.151	ug/L #	47
34) Trichloroethene	5.96	95	6516	0.520	ug/L	97
35) Methylcyclohexane	6.11	83	15889	0.785	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8083	0.674	ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	1034	0.066	ug/L #	48
44) trans-1,3-Dichloropropene	7.66	75	1112	0.095	ug/L	98
48) 2-Hexanone	8.14	43	15741	2.974	ug/L #	73

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062419\
Data File : VV011737.D
Acq On : 24 Jun 2019 18:26
Operator : SY/MD
Sample : K3381-12DL 250X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 25 08:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 25 08:19:08 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\VV062419\
Data File : VV011737.D
Acq On : 24 Jun 2019 18:26
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Instrument :
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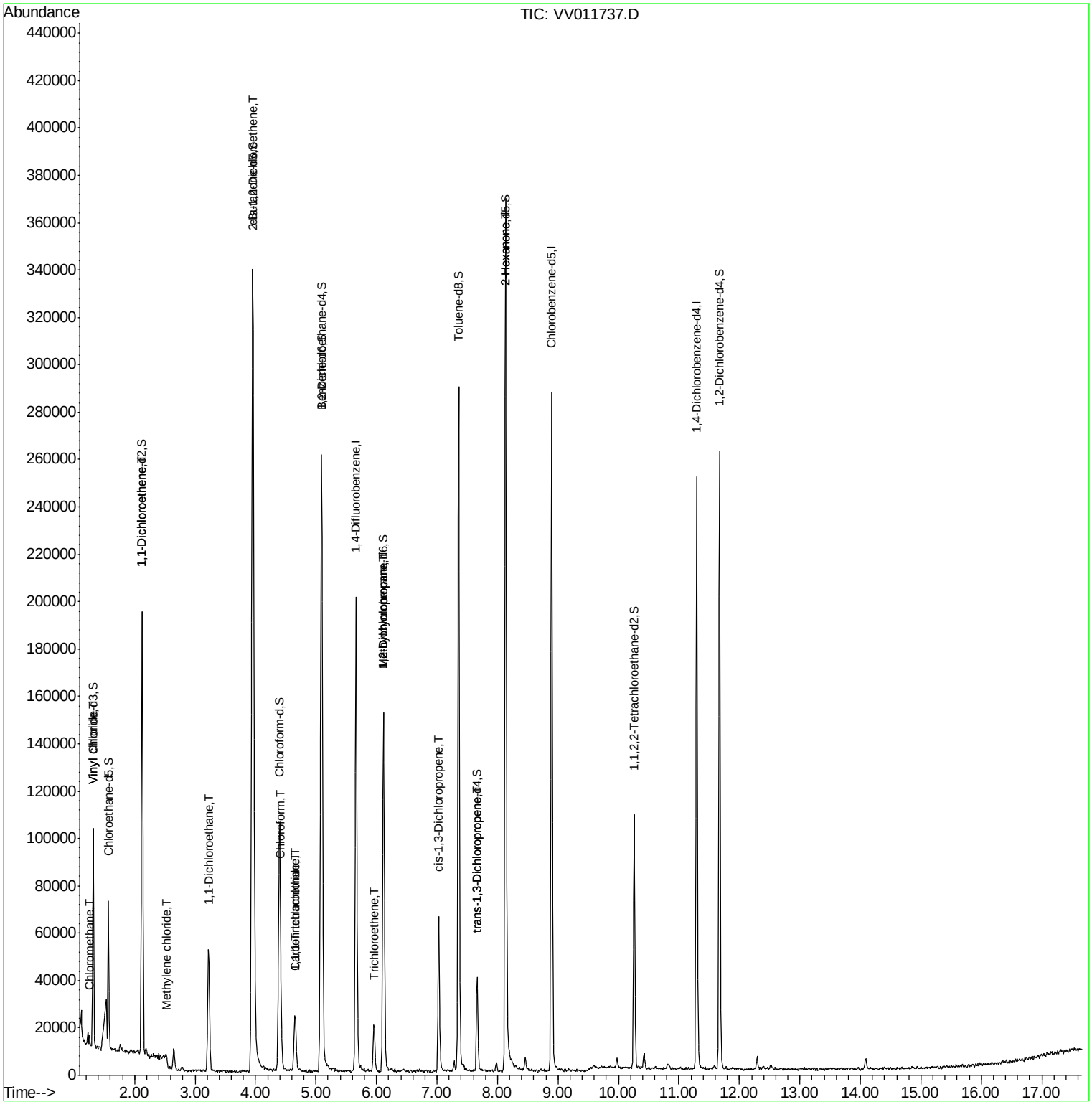
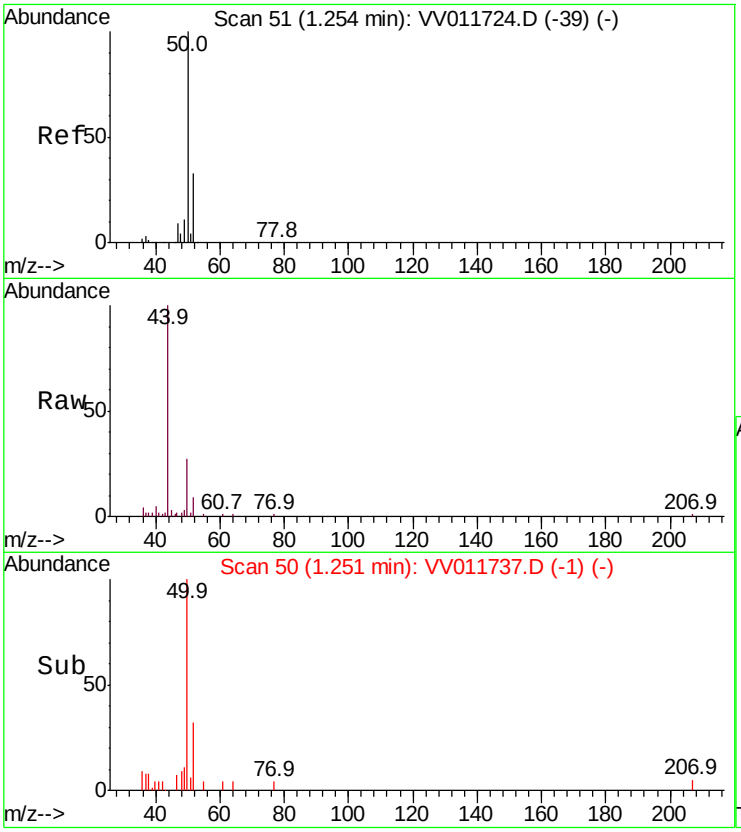
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 25 08:19:08 2019
Response via : Initial Calibration



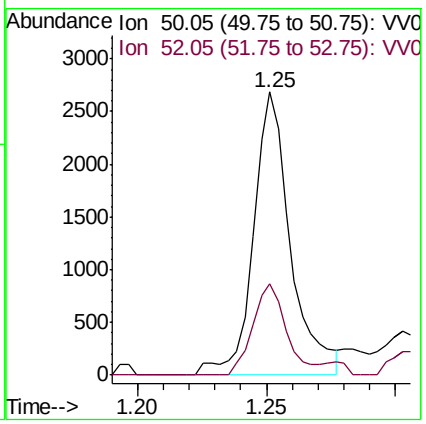


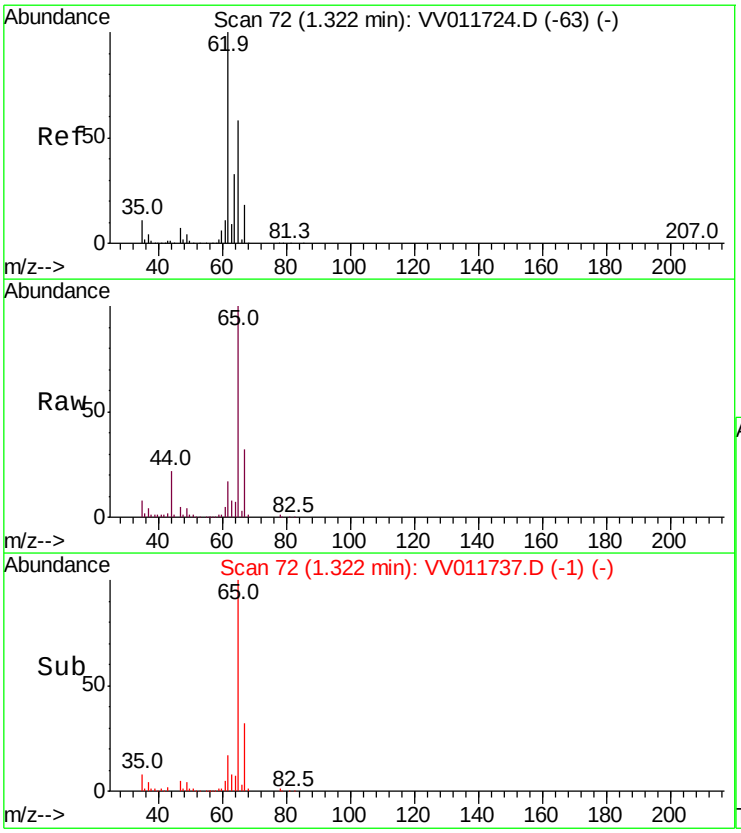
#3
Chloromethane
Concen: 0.185 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 2693

Ion	Ratio	Lower	Upper
50	100		
52	32.1	22.0	40.8

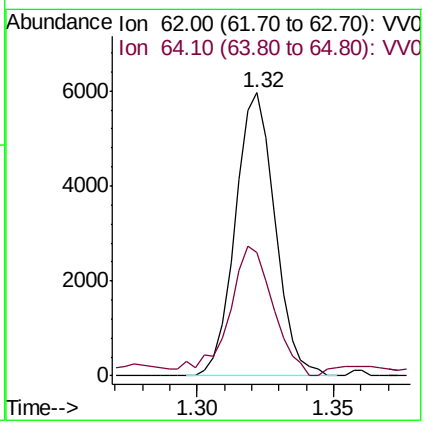


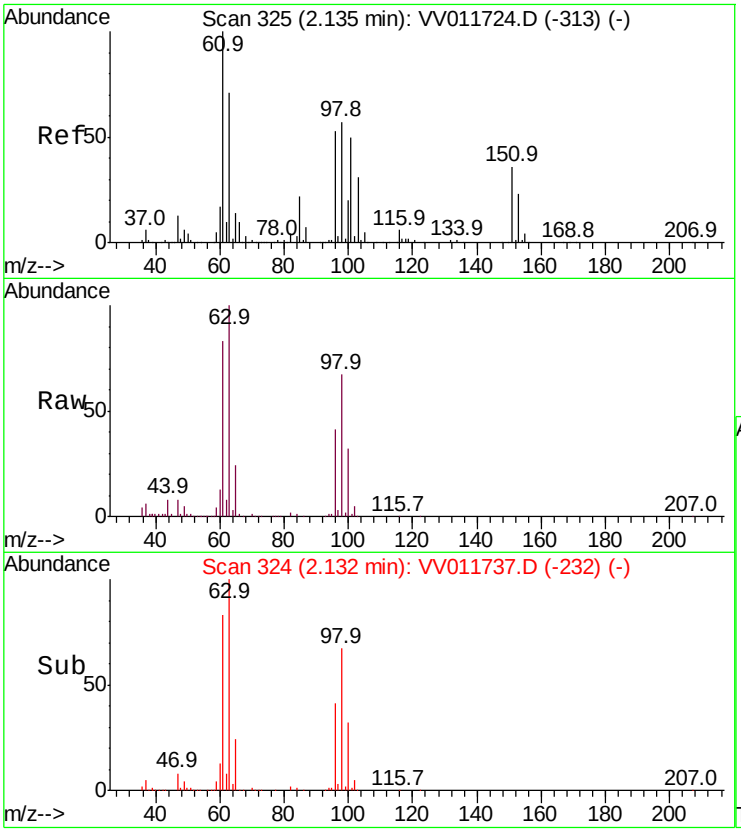


#5
Vinyl chloride
Concen: 0.421 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Tgt Ion: 62 Resp: 6007

Ion	Ratio	Lower	Upper
62	100		
64	43.7	24.1	44.7



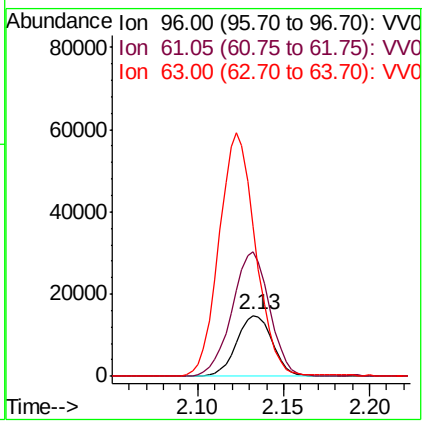


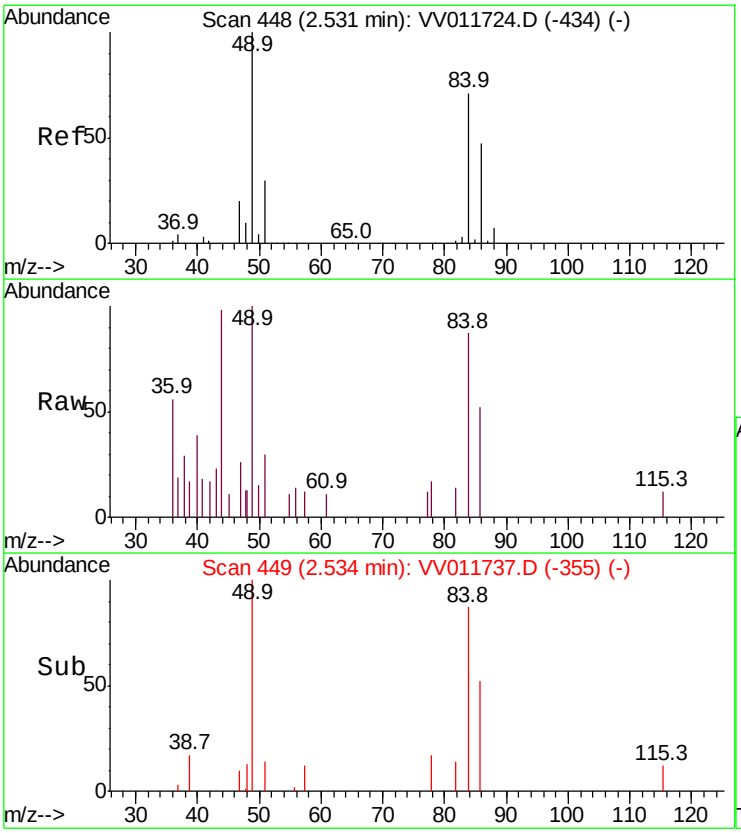
#12
1,1-Dichloroethene
Concen: 2.260 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 21567

Ion	Ratio	Lower	Upper
96	100		
61	203.6	131.5	244.1
63	245.3	91.8	170.4#

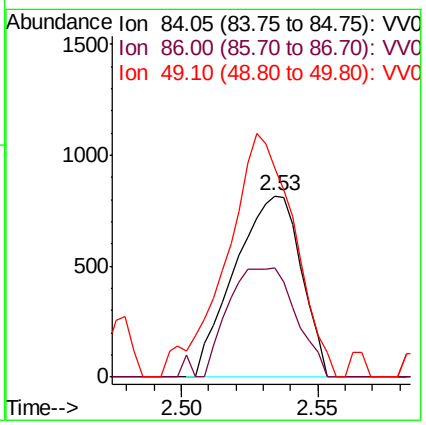


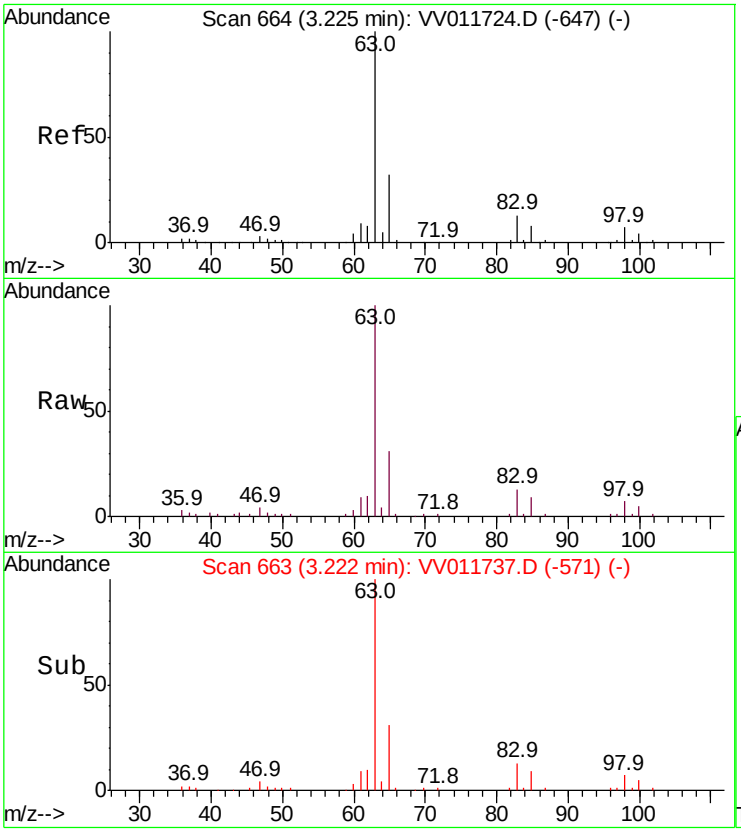


#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Tgt Ion: 84 Resp: 1384

Ion	Ratio	Lower	Upper
84	100		
86	60.0	44.9	83.5
49	132.3	101.4	188.2



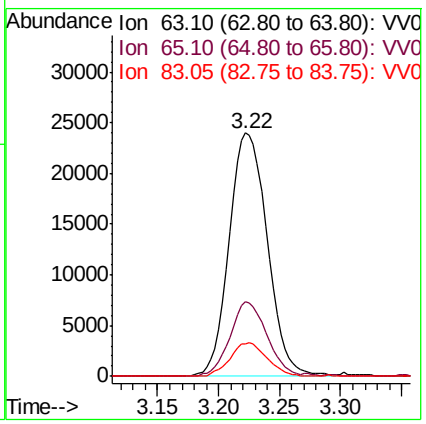


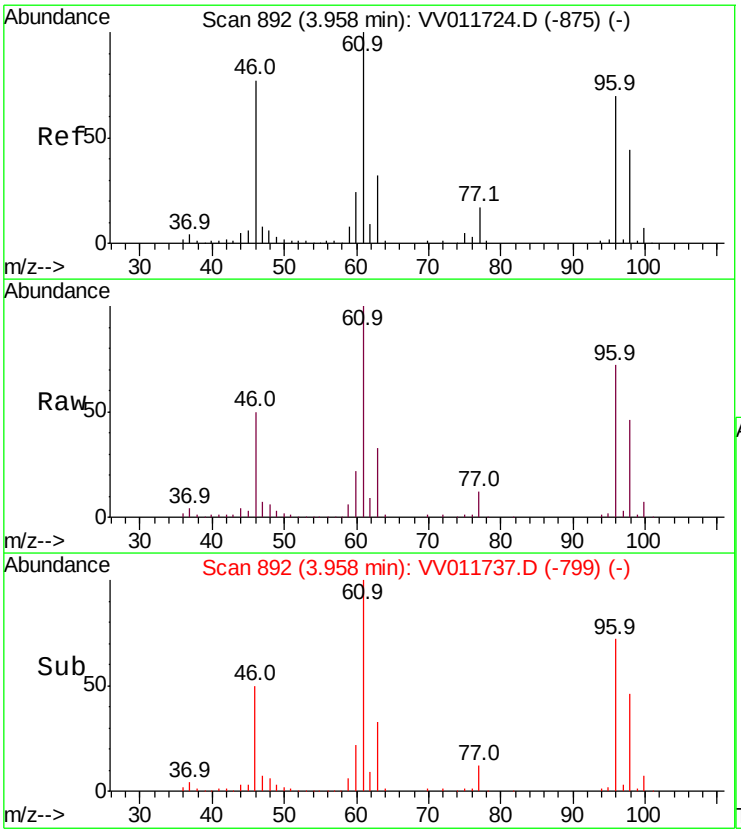
#19
1,1-Dichloroethane
Concen: 2.337 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.00 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 52117

Ion	Ratio	Lower	Upper
63	100		
65	30.7	23.0	42.8
83	13.5	9.5	17.7

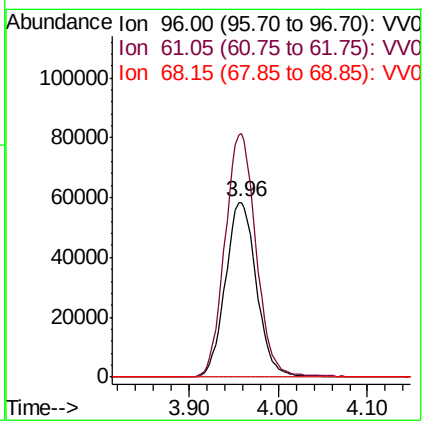


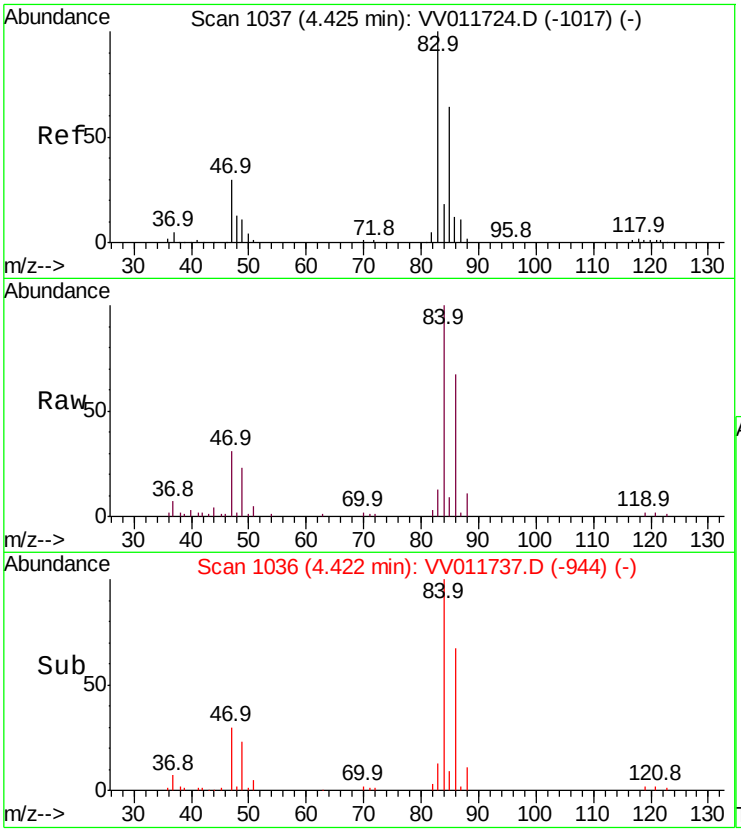


#22
cis-1,2-Dichloroethene
Concen: 11.443 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Tgt Ion: 96 Resp: 141104

Ion	Ratio	Lower	Upper
96	100		
61	139.1	97.9	181.7
68	0.0	0.0	0.0



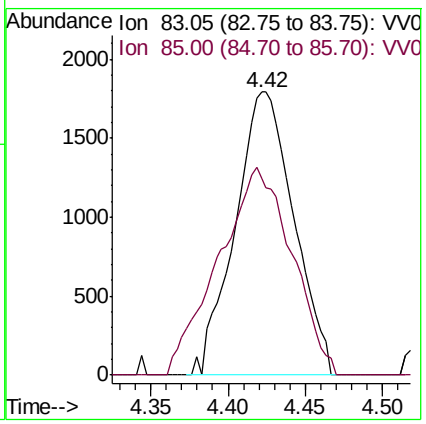


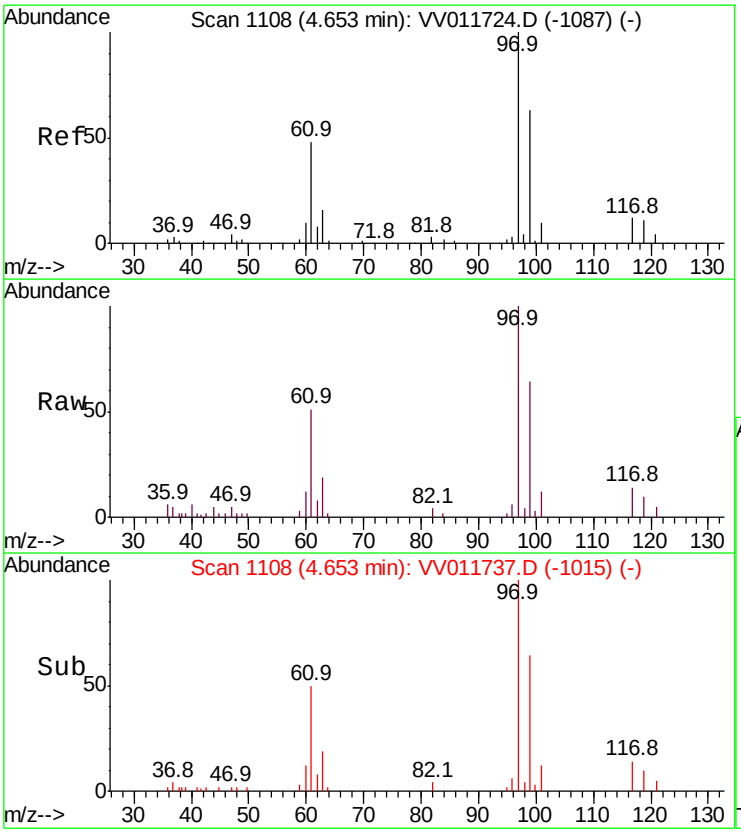
#25
Chloroform
Concen: 0.193 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 4730

Ion	Ratio	Lower	Upper
83	100		
85	69.3	47.0	87.2

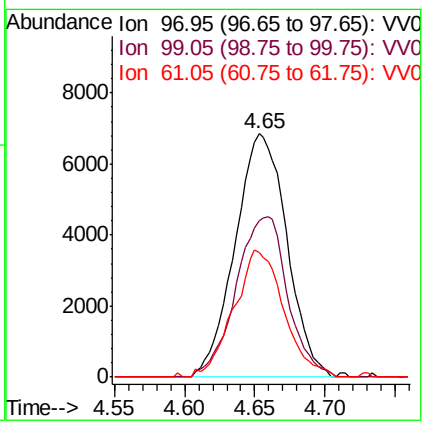


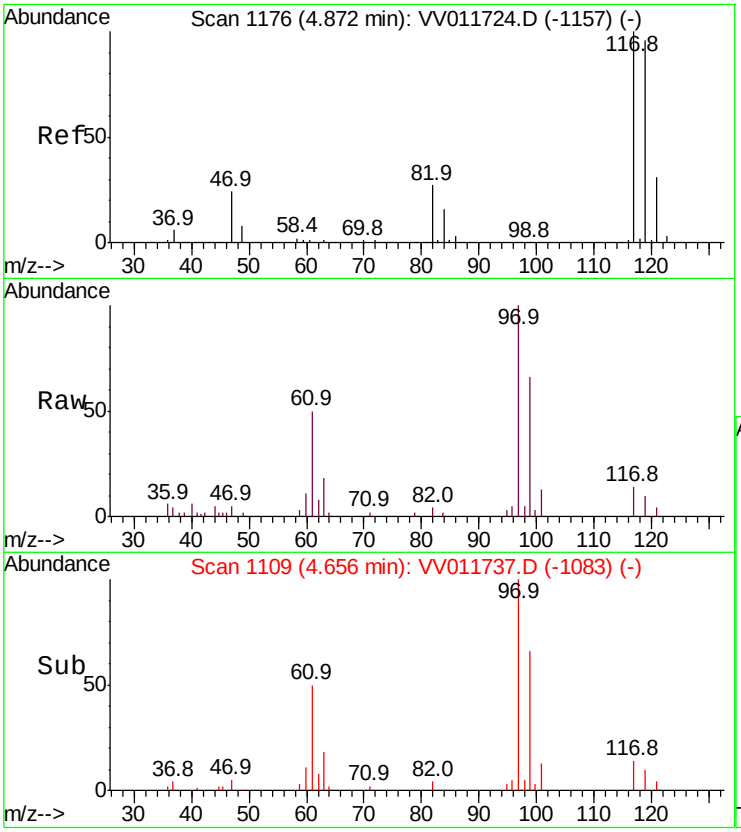


#29
1,1,1-Trichloroethane
Concen: 0.958 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Tgt Ion: 97 Resp: 17579

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.6	77.4
61	50.6	39.8	59.6



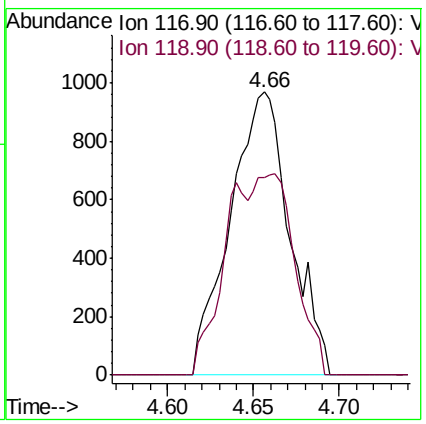


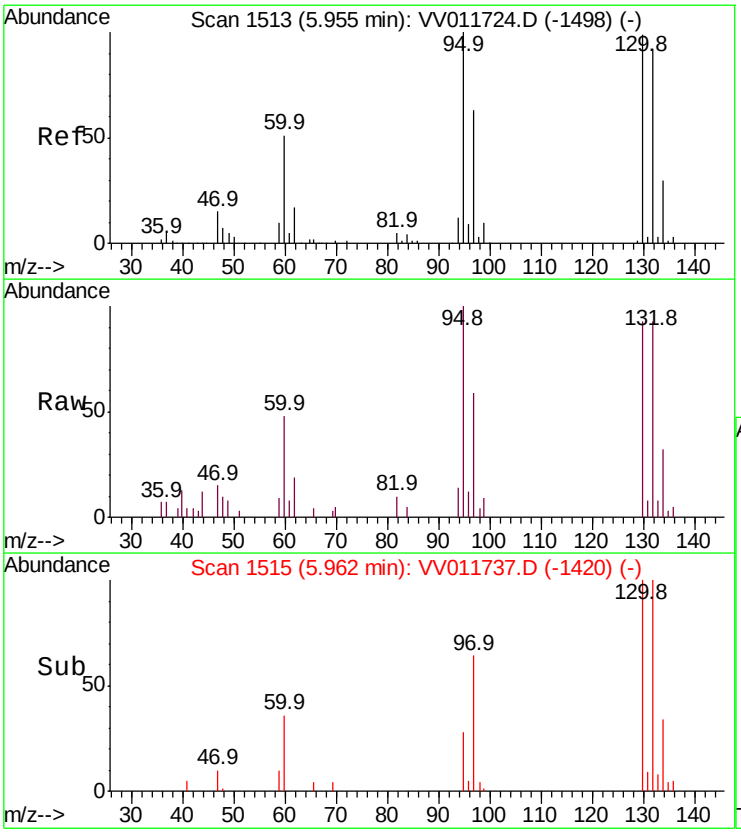
#31
Carbon tetrachloride
Concen: 0.151 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.22 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 2351

Ion	Ratio	Lower	Upper
117	100		
119	44.7	77.1	115.7#

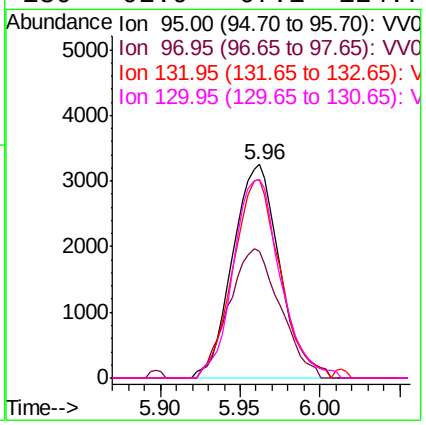


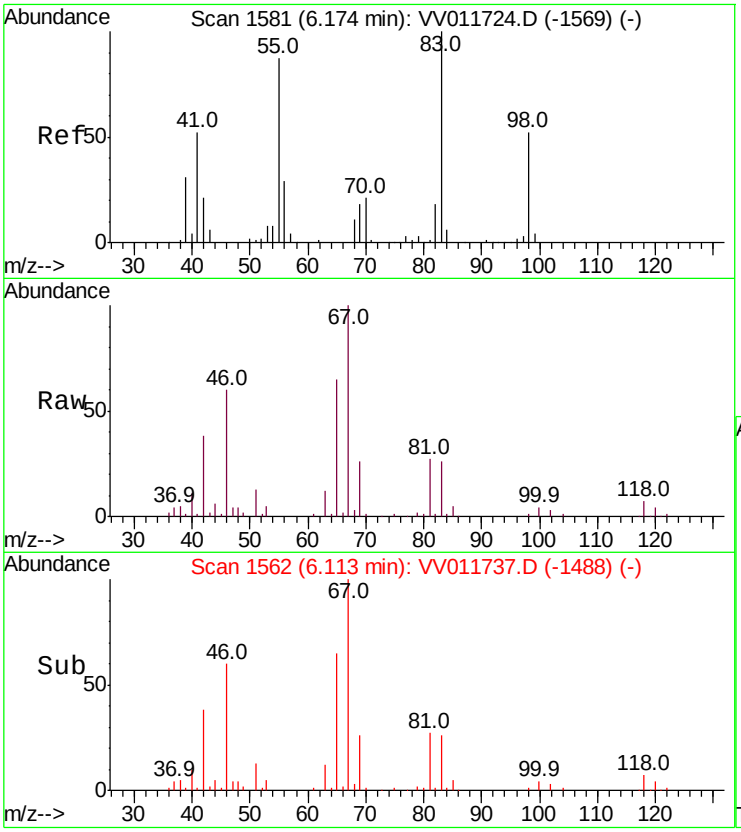


#34
Trichloroethene
Concen: 0.520 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Tgt Ion: 95 Resp: 6516

Ion	Ratio	Lower	Upper
95	100		
97	59.4	44.4	82.5
132	92.8	65.0	120.6
130	92.9	67.1	124.7



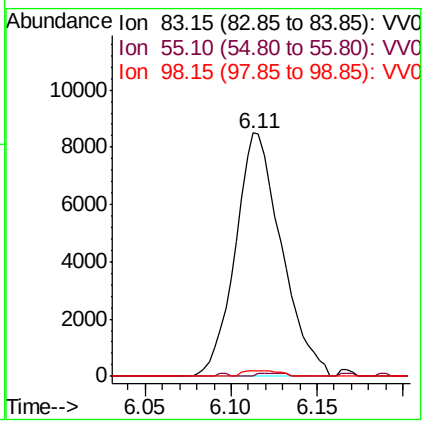


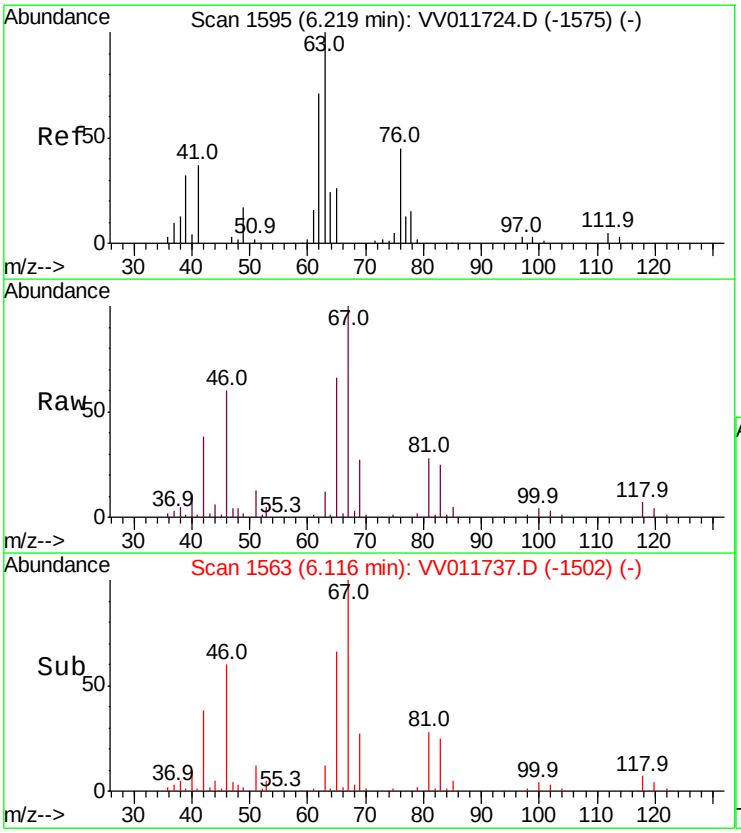
#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 15889

Ion	Ratio	Lower	Upper
83	100		
55	0.8	69.4	104.2#
98	1.8	40.2	60.4#

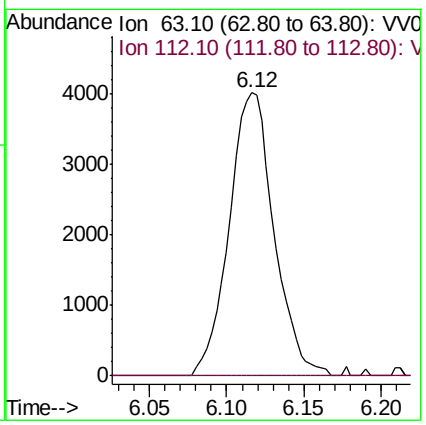


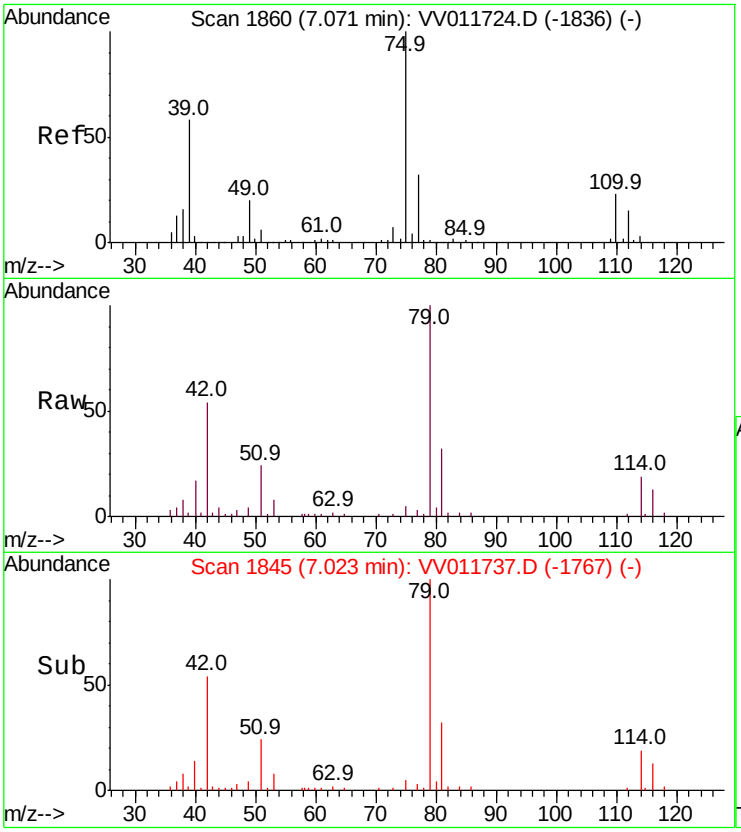


#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Tgt Ion: 63 Resp: 8083

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



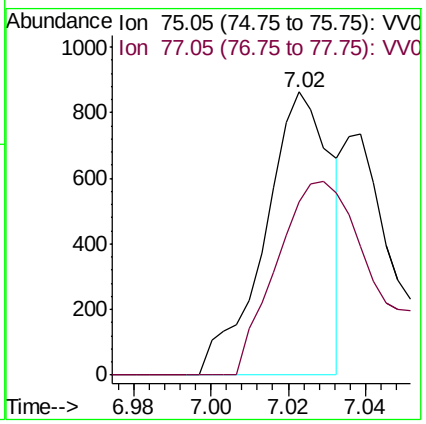


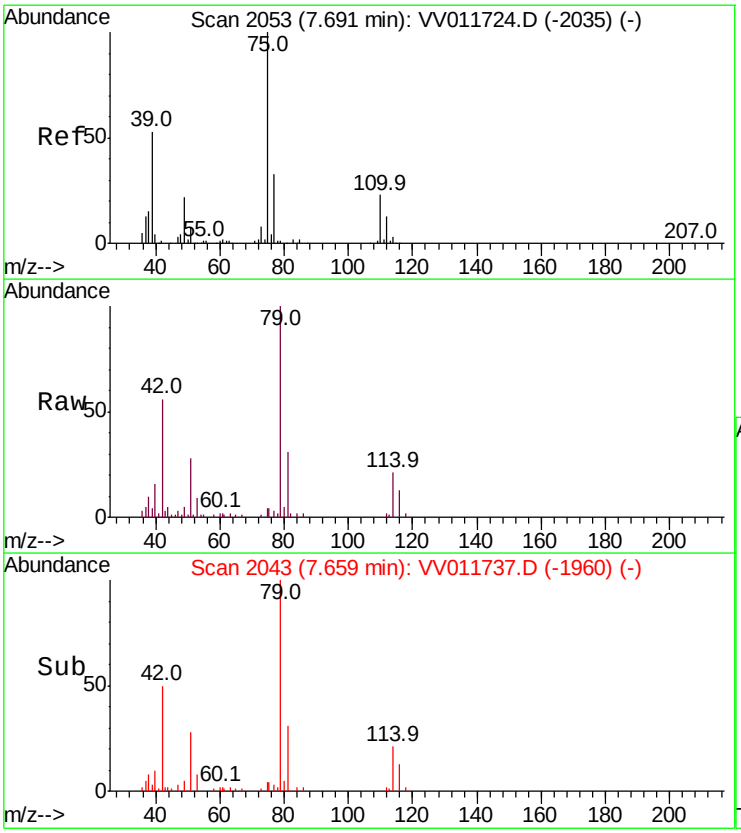
#39
cis-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1034

Ion	Ratio	Lower	Upper
75	100		
77	61.1	22.4	41.6#

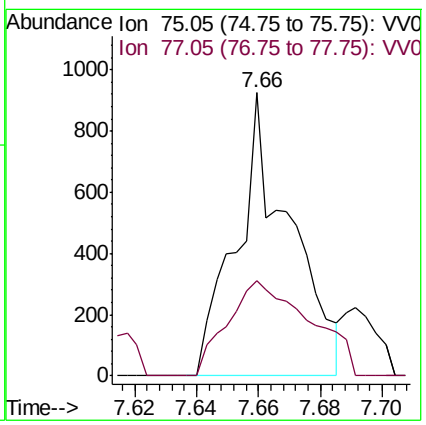


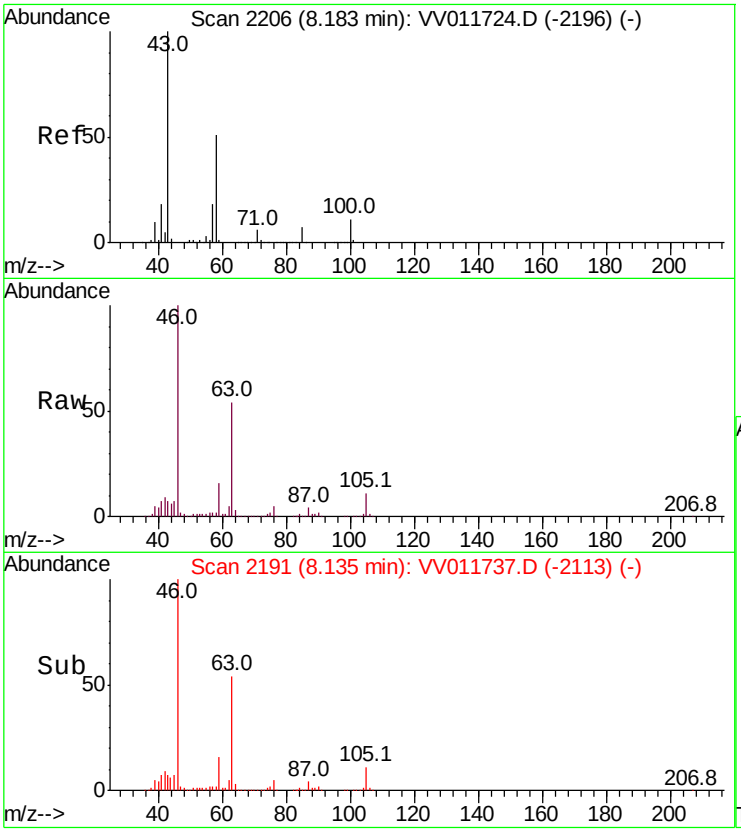


#44
trans-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Tgt Ion: 75 Resp: 1112

Ion	Ratio	Lower	Upper
75	100		
77	33.4	22.7	42.1





#48
2-Hexanone
Concen: 2.974 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 15741

Ion	Ratio	Lower	Upper
43	100		
58	29.6	40.1	60.1#
57	25.9	14.4	21.6#
100	0.7	8.6	12.8#