Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022819\

Quantitation Report (Not Reviewed)

Data File : VV009439.D
Acq On : 28 Feb 2019 22:05
Operator : SY/MD
Sample : K1599-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : CWK05

Quant Time: Mar 01 03:56:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87068	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	86454	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41025	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	23673	5.21	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.20%				
7) Chloroethane-d5	1.58	69	21426	5.21	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%				
11) 1,1-Dichloroethene-d2	2.13	63	44691	3.88	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.60%				
20) 2-Butanone-d5	3.95	46	50682	58.77	ug/L		-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.54%				
24) Chloroform-d	4.40	84	48755	5.47	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.40%				
26) 1,2-Dichloroethane-d4	5.09	65	24154	5.50	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.00%				
32) Benzene-d6	5.10	84	99564	5.41	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.20%				
36) 1,2-Dichloropropane-d6	6.12	67	29145	5.21	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%				
41) Toluene-d8	7.36	98	100310	5.34	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%				
43) trans-1,3-Dichloropropene-	7.67	79	11373	4.60	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%				
46) 2-Hexanone-d5	8.14	63	47420	59.08	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.16%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23208	5.34	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.80%				
64) 1,2-Dichlorobenzene-d4	11.68	152	36214	5.49	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.80%				
Target Compounds							Qvalue
3) Chloromethane	1.25	50	982	0.173	ug/L		92
5) Vinyl chloride	1.32	62	1915	0.308	ug/L	#	1
8) Chloroethane	1.59	64	413	0.100	ug/L	#	53
12) 1,1-Dichloroethene	2.14	96	2648	0.464	ug/L	#	1
13) Acetone	2.20	43	2673	3.263	ug/L		83
18) trans-1,2-Dichloroethene	2.79	96	620	0.100	ug/L		85
22) cis-1,2-Dichloroethene	3.96	96	76544	13.265	ug/L		100
25) Chloroform	4.43	83	1787	0.178	ug/L		79
29) 1,1,1-Trichloroethane	4.66	97	1378	0.142	ug/L		94
34) Trichloroethene	5.96	95	257855	40.636	ug/L		97
37) 1,2-Dichloropropane	6.12	63	3504	0.637	ug/L	#	88
39) cis-1,3-Dichloropropene	7.03	75	873	0.101	ug/L	#	57
42) Toluene	7.43	91	59027	2.306	ug/L		100
44) trans-1,3-Dichloropropene	7.67	75	602	0.089	ug/L		99
47) Tetrachloroethene	8.02	164	4440	0.891	ug/L		97
49) Dibromochloromethane	8.02	129	4339	0.847	ug/L	#	9
51) Chlorobenzene	8.93	112	2723	0.163	ug/L	#	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022819\

Quantitation Report (Not Reviewed)

Data File : VV009439.D
Acq On : 28 Feb 2019 22:05
Operator : SY/MD
Sample : K1599-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : CWK05

Quant Time: Mar 01 03:56:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-xylene	9.19	106	1083	0.095	ug/L	81

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022819\

Quantitation Report (Not Reviewed)

Data File : VV009439.D
Acq On : 28 Feb 2019 22:05
Operator : SY/MD
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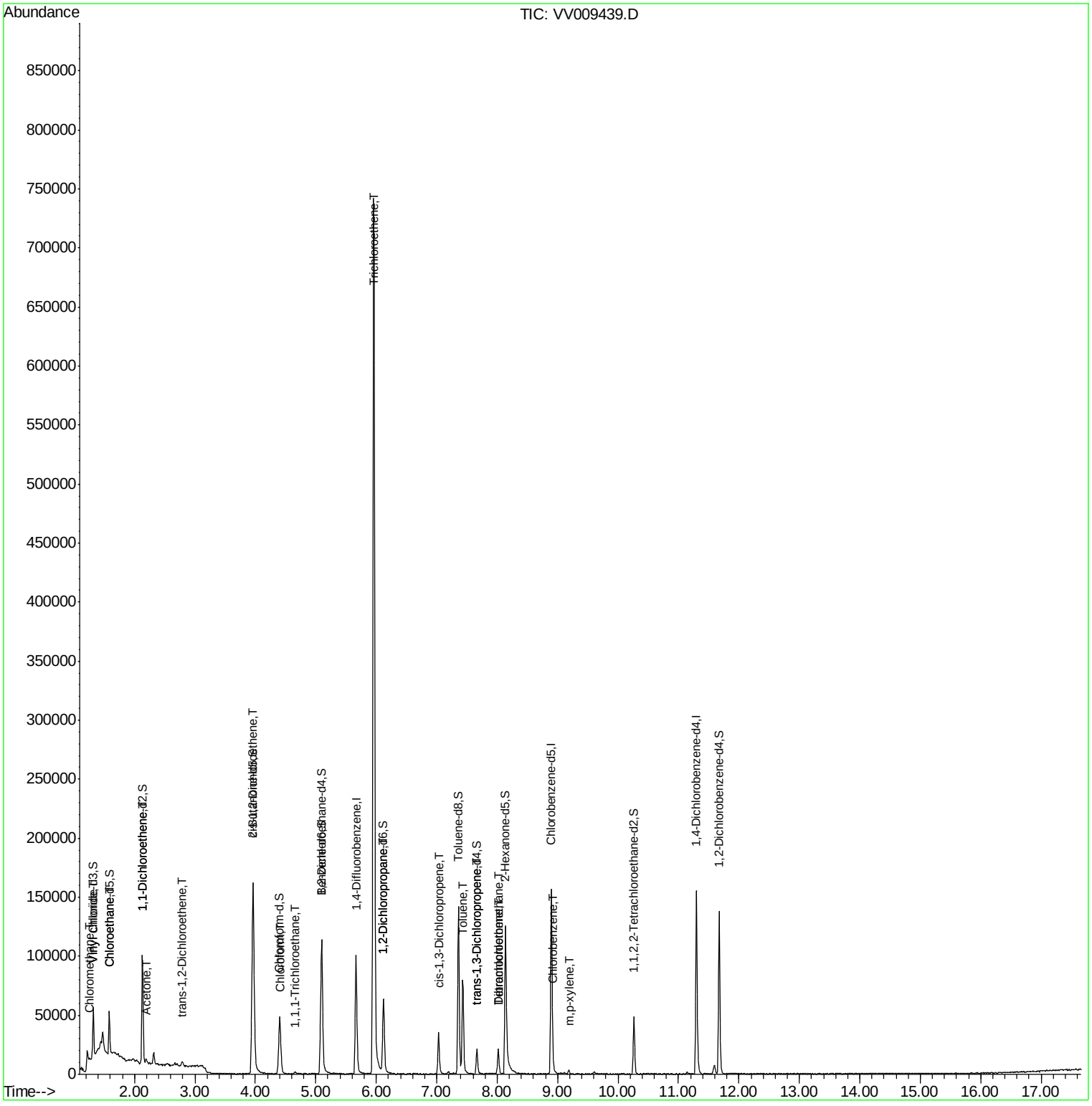
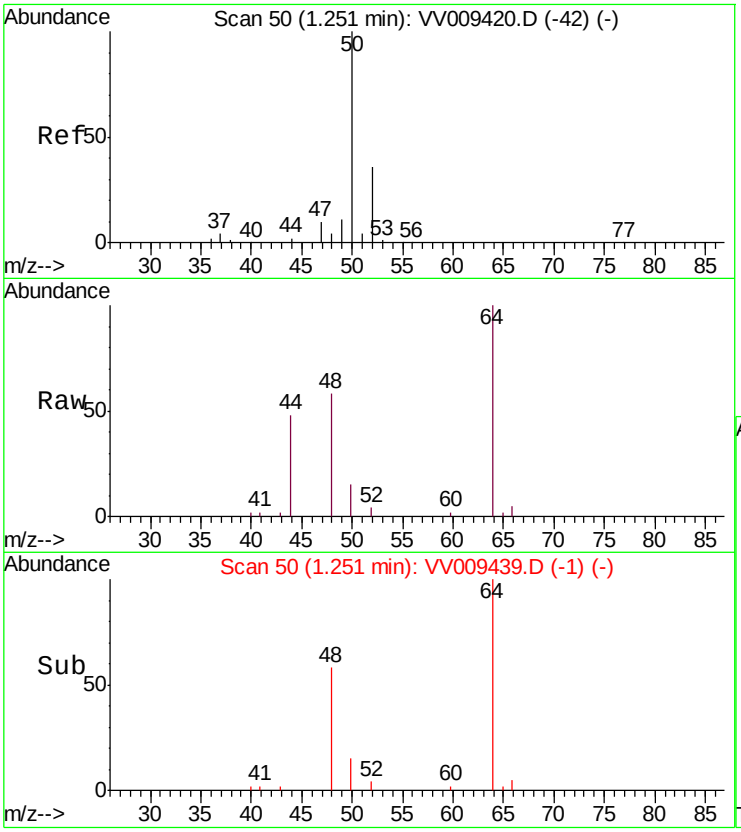
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration



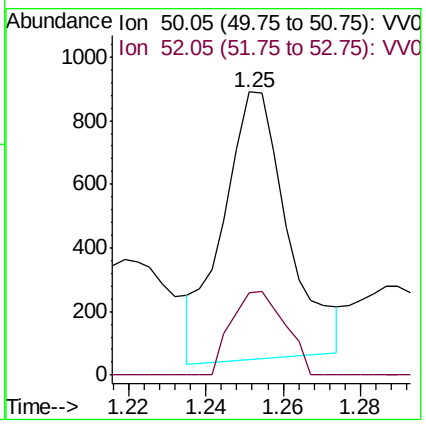


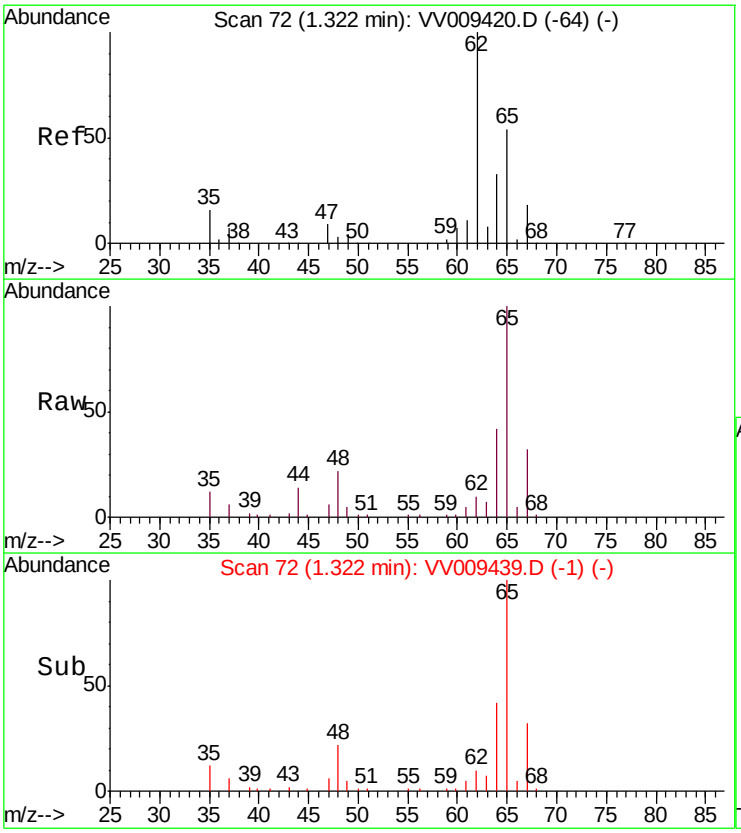
#3
Chloromethane
Concen: 0.173 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Instrument :
MSVOA_V
ClientSampleId :
CWK05

Tgt Ion: 50 Resp: 982

Ion	Ratio	Lower	Upper
50	100		
52	29.2	23.5	43.7

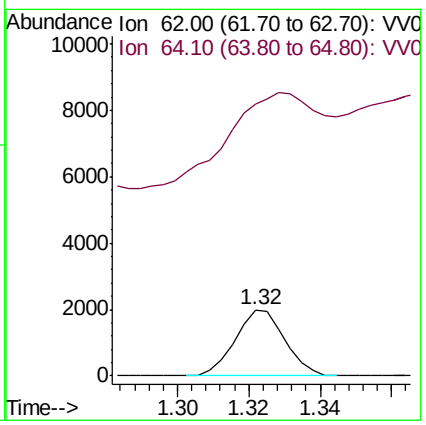


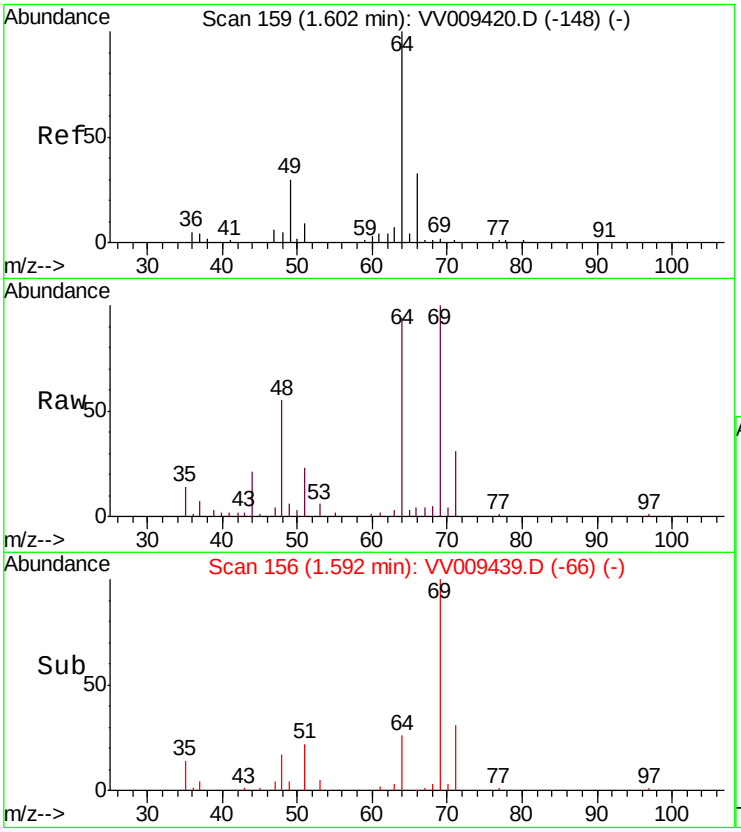


#5
Vinyl chloride
Concen: 0.308 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Tgt Ion: 62 Resp: 1915

Ion	Ratio	Lower	Upper
62	100		
64	408.9	21.6	40.0#



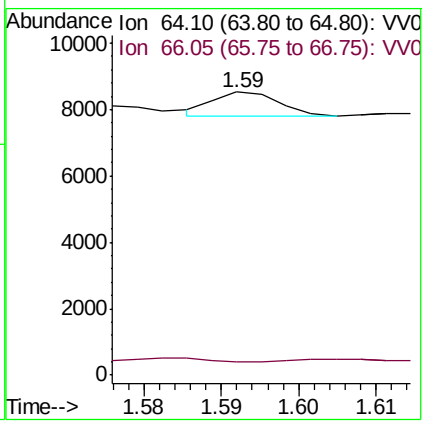


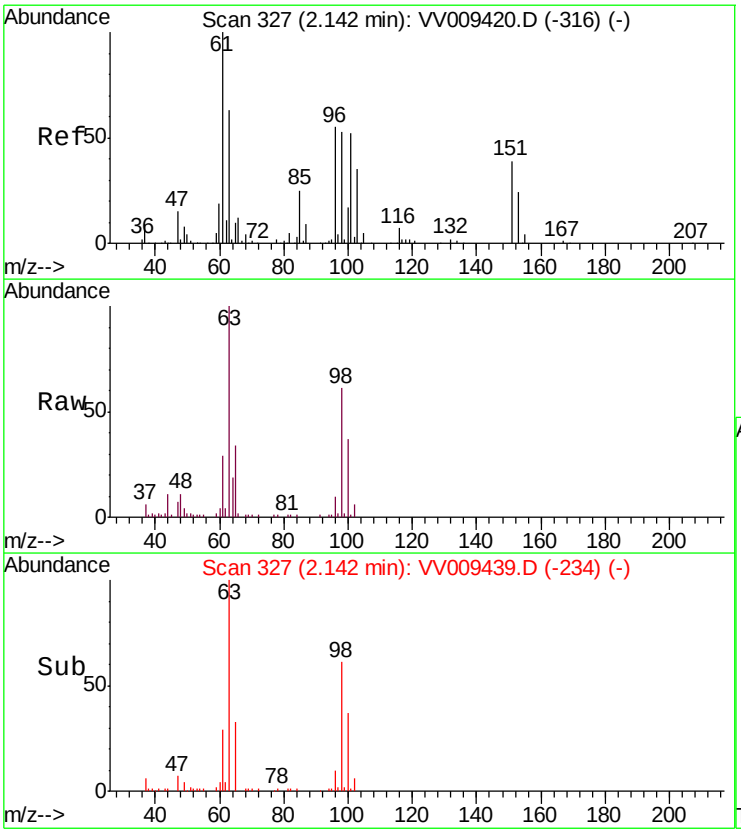
#8
Chloroethane
Concen: 0.100 ug/L
RT: 1.59 min Scan# 156
Delta R.T. -0.01 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Instrument :
MSVOA_V
ClientSampleId :
CWK05

Tgt Ion: 64 Resp: 413

Ion	Ratio	Lower	Upper
64	100		
66	4.5	21.3	39.5#

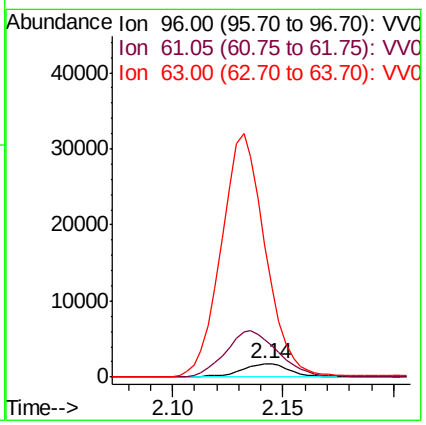


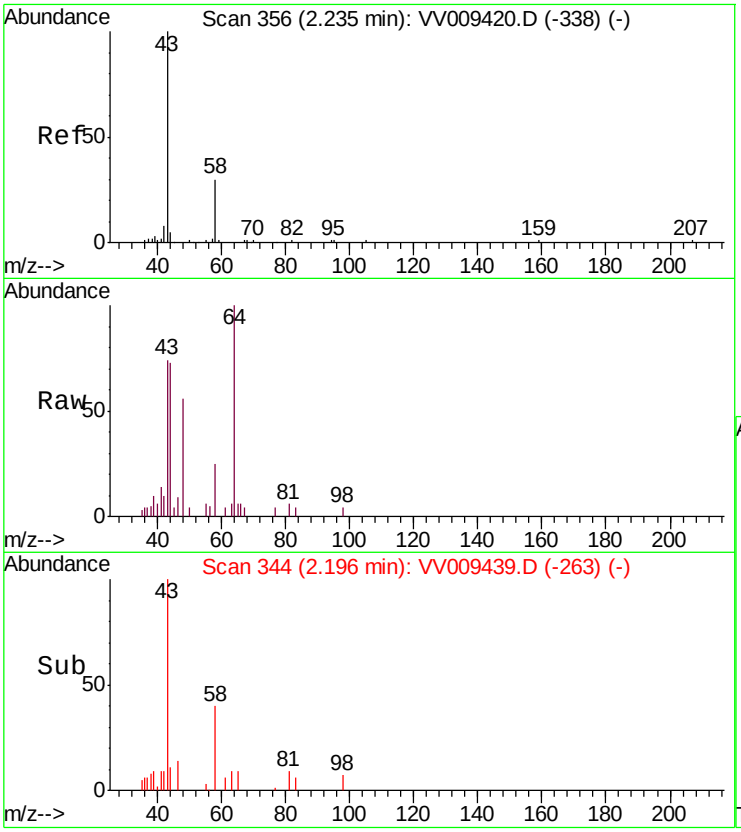


#12
1,1-Dichloroethene
Concen: 0.464 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Tgt Ion: 96 Resp: 2648

Ion	Ratio	Lower	Upper
96	100		
61	280.8	123.1	228.5#
63	972.9	82.9	153.9#



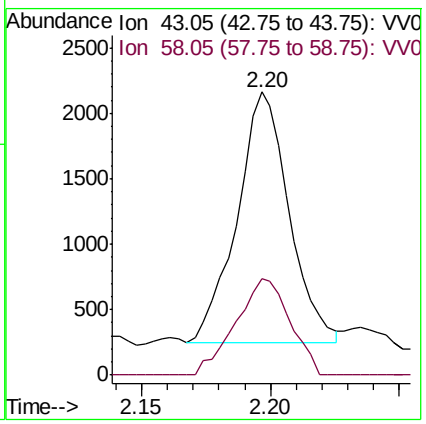


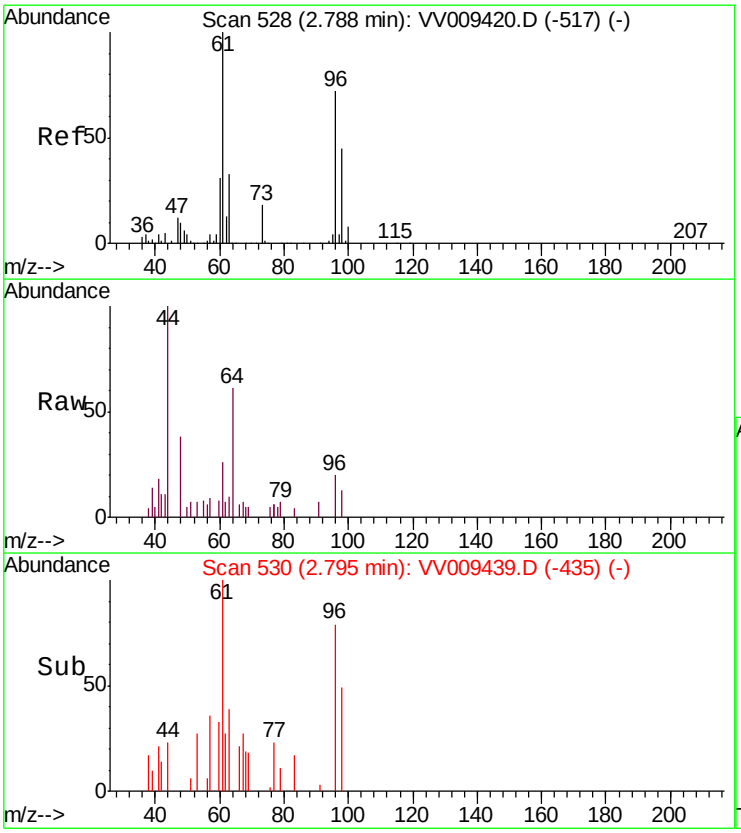
#13
Acetone
Concen: 3.263 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.04 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Instrument : MSVOA_V
ClientSampleId : CWK05

Tgt Ion: 43 Resp: 2673

Ion	Ratio	Lower	Upper
43	100		
58	40.4	0.0	62.0

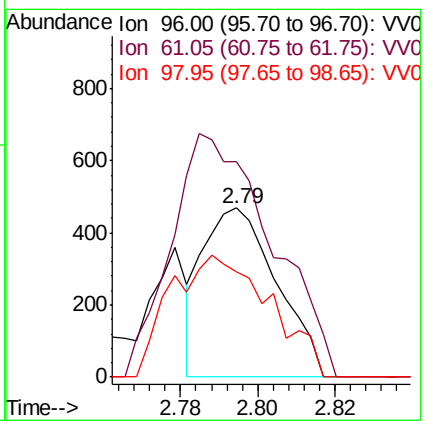


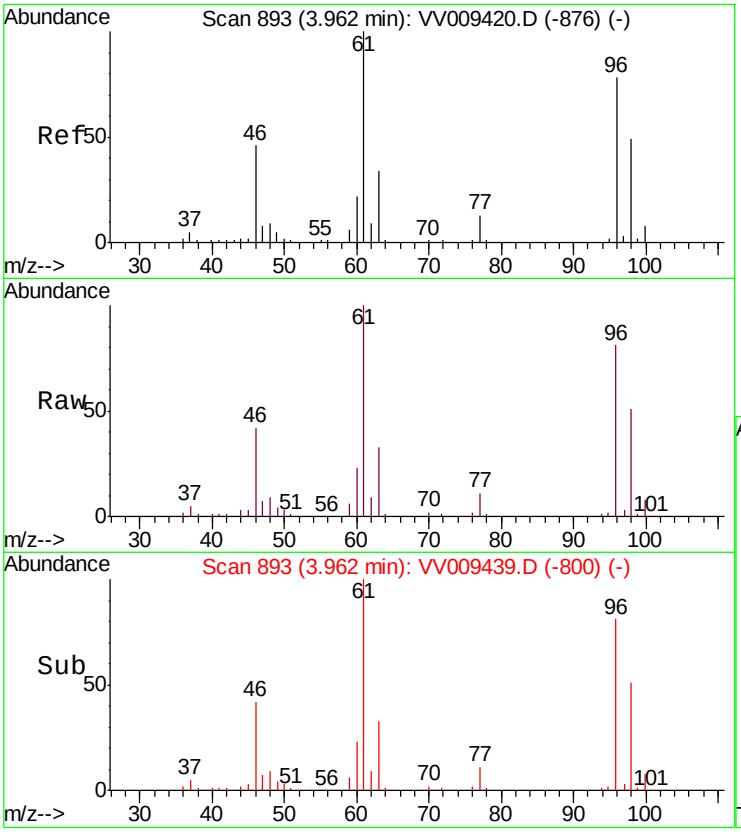


#18
trans-1,2-Dichloroethene
Concen: 0.100 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Tgt Ion: 96 Resp: 620

Ion	Ratio	Lower	Upper
96	100		
61	127.3	106.0	196.8
98	62.3	48.2	89.4



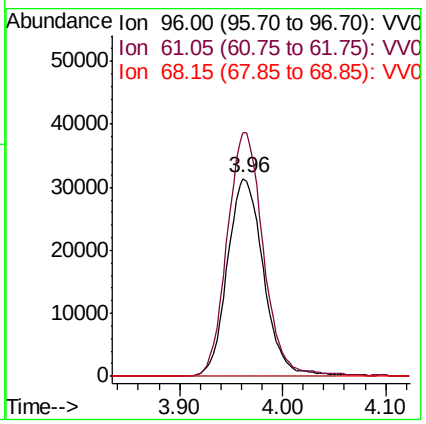


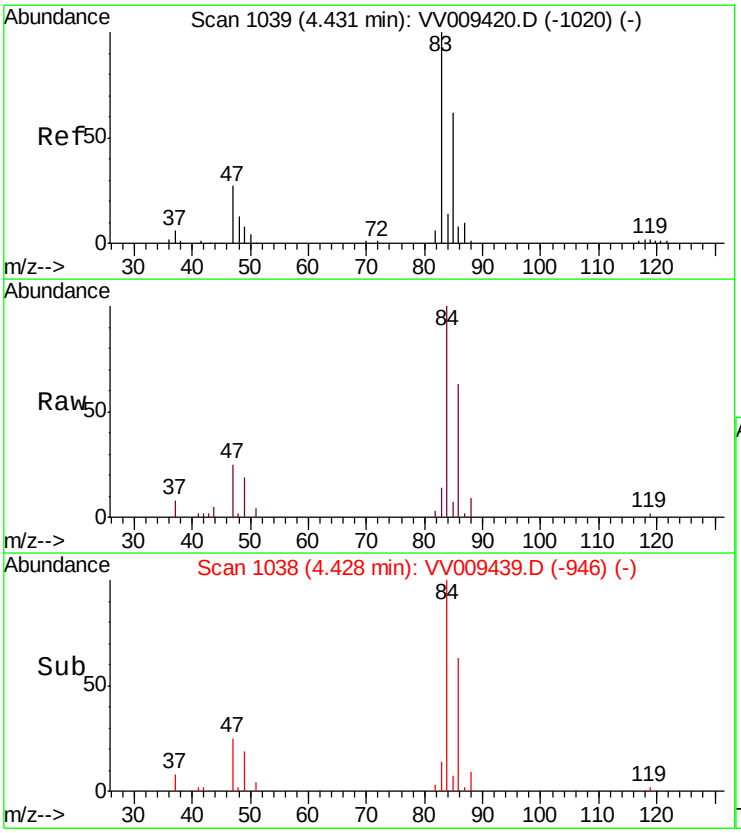
#22
cis-1,2-Dichloroethene
Concen: 13.265 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Instrument : MSVOA_V
ClientSampleId : CWK05

Tgt Ion: 96 Resp: 76544

Ion	Ratio	Lower	Upper
96	100		
61	123.1	86.0	159.8
68	0.0	0.0	0.0

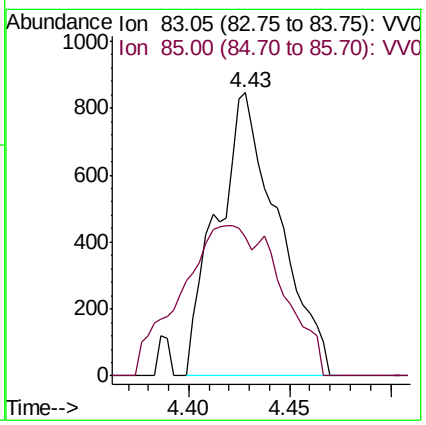


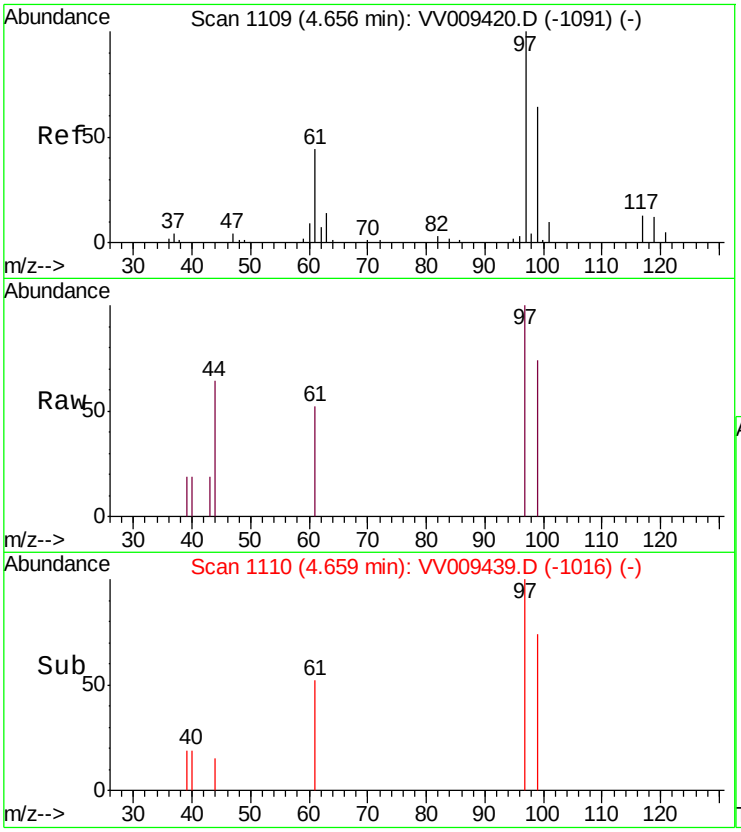


#25
Chloroform
Concen: 0.178 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Tgt Ion: 83 Resp: 1787

Ion	Ratio	Lower	Upper
83	100		
85	49.1	45.7	84.9



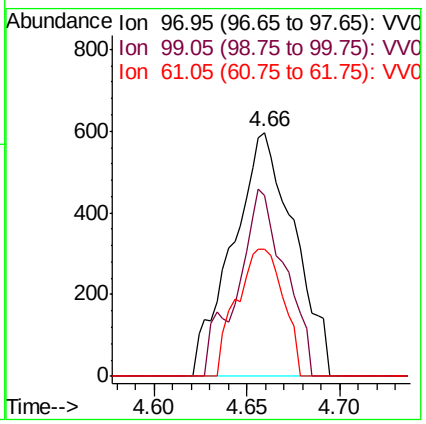


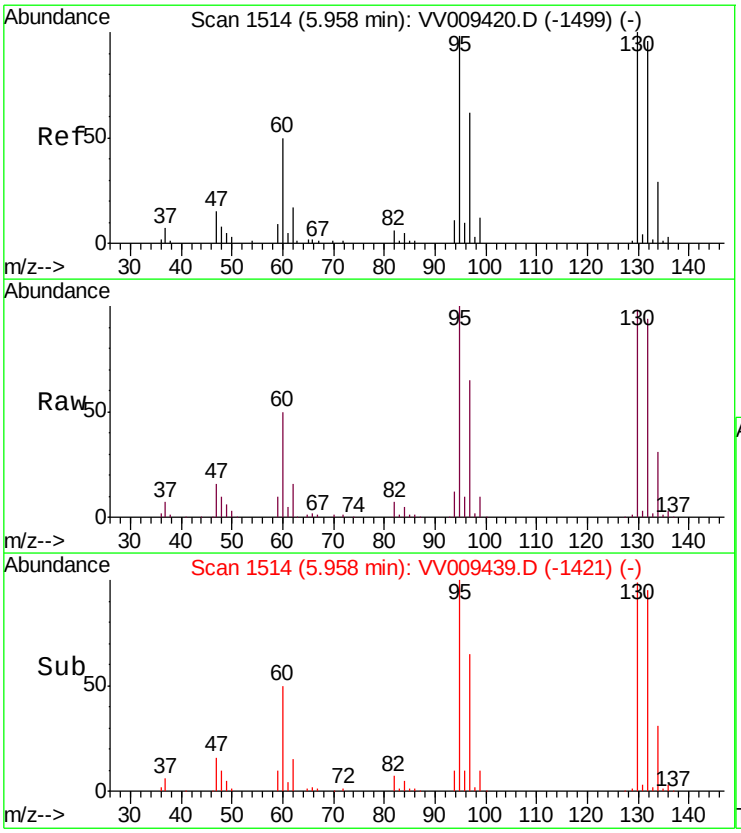
#29
1,1,1-Trichloroethane
Concen: 0.142 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Instrument : MSVOA_V
ClientSampleId : CWK05

Tgt Ion: 97 Resp: 1378

Ion	Ratio	Lower	Upper
97	100		
99	59.1	50.5	75.7
61	39.5	35.1	52.7

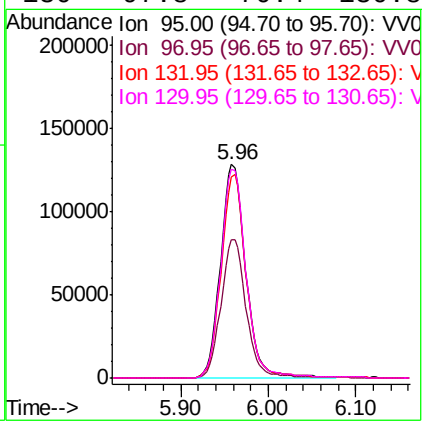


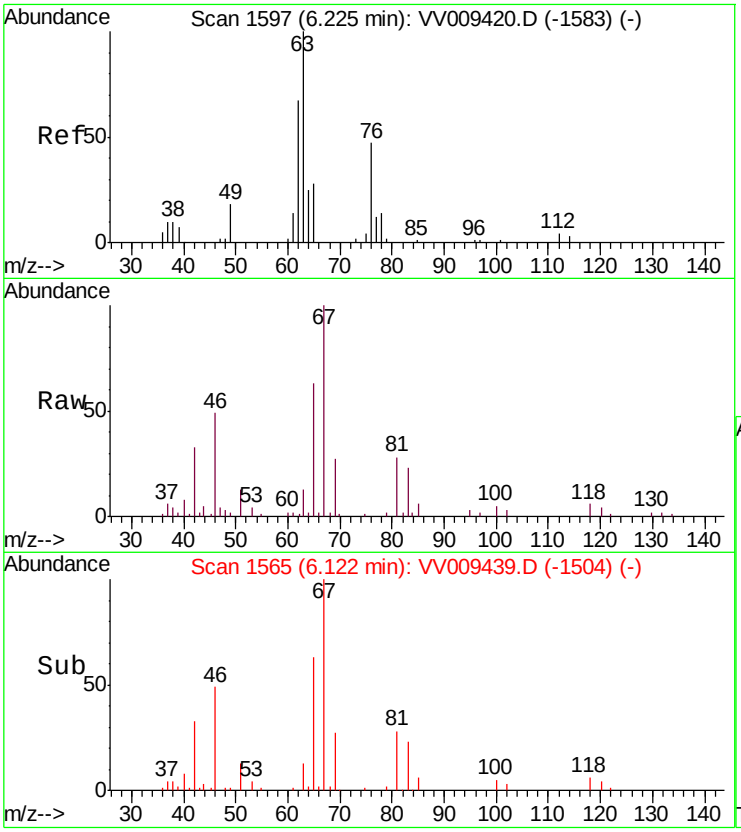


#34
Trichloroethene
Concen: 40.636 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Tgt Ion: 95 Resp: 257855

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.2	82.2
132	94.0	67.8	126.0
130	97.8	70.4	130.8



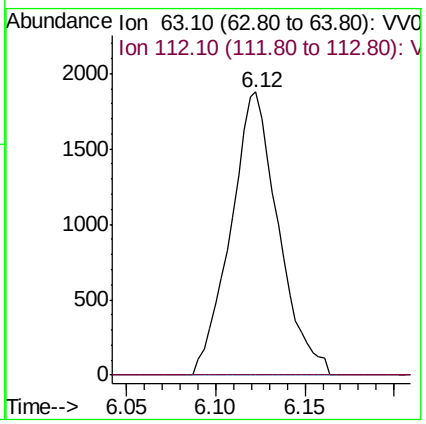


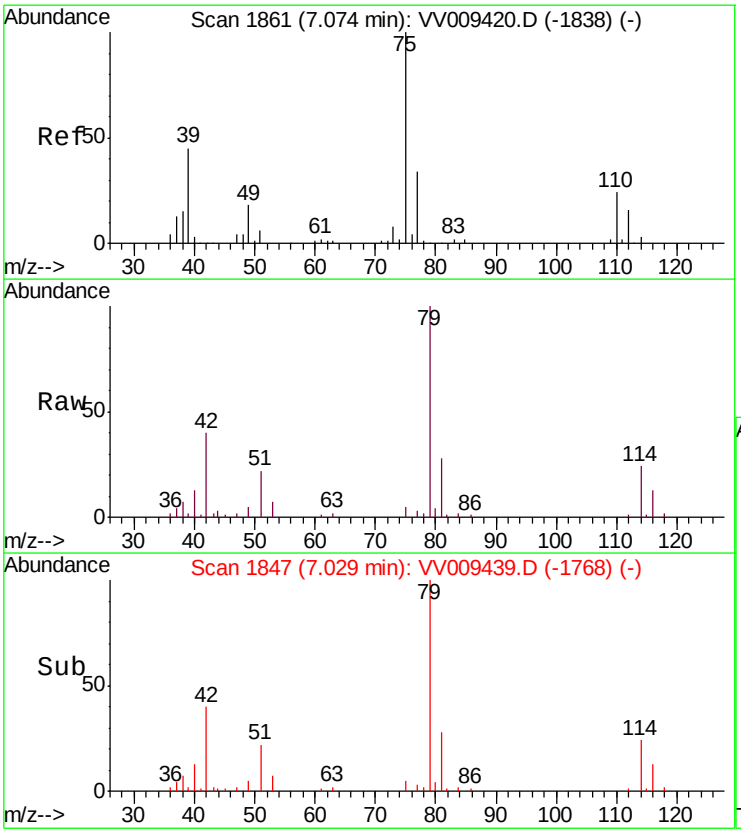
#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Instrument : MSVOA_V
ClientSampleId : CWK05

Tgt Ion: 63 Resp: 3504

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

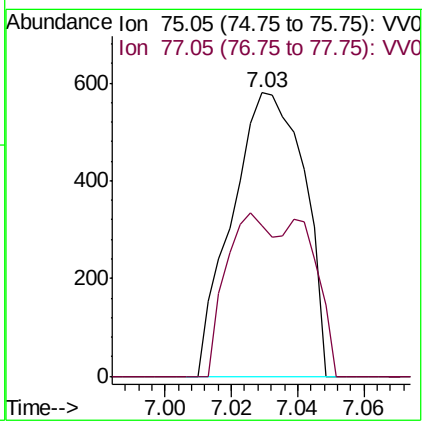


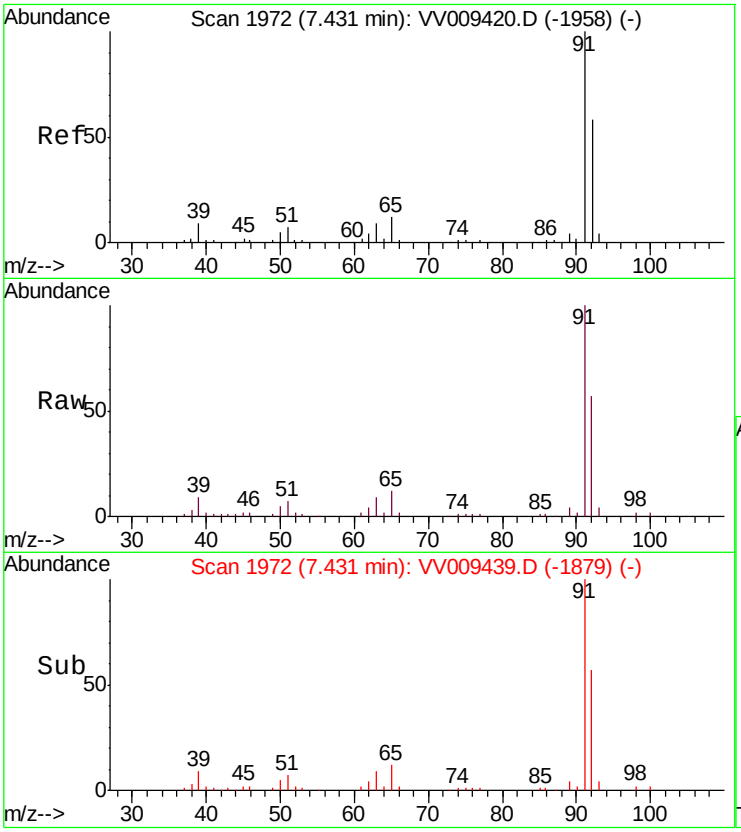


#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Tgt Ion: 75 Resp: 873

Ion	Ratio	Lower	Upper
75	100		
77	53.3	21.1	39.1#



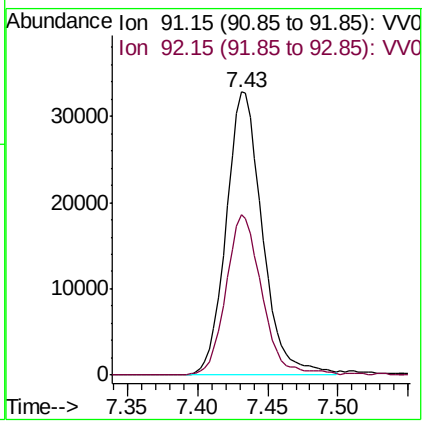


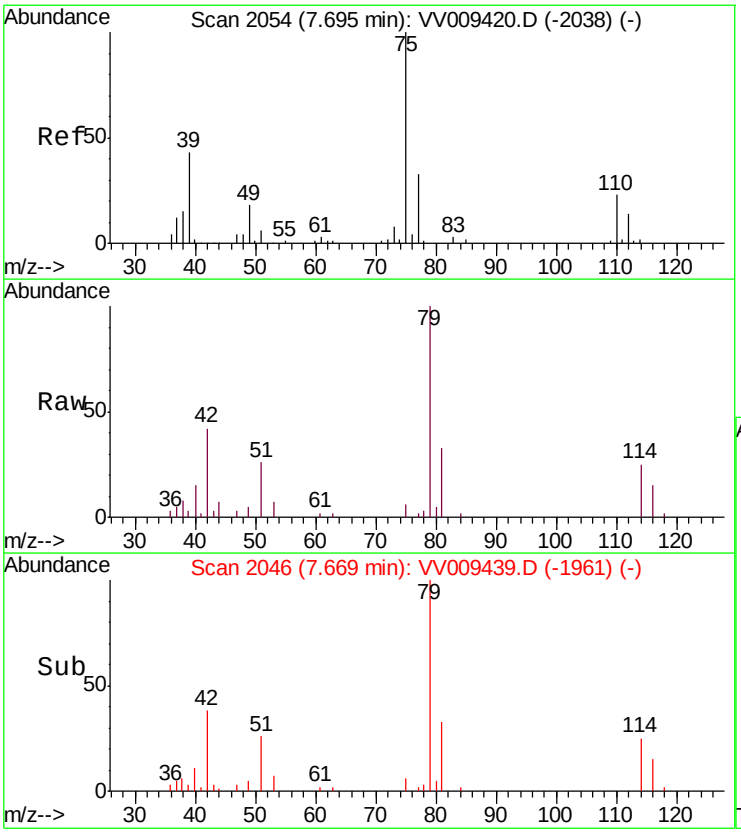
#42
Toluene
Concen: 2.306 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Instrument :
MSVOA_V
ClientSampleId :
CWK05

Tgt Ion: 91 Resp: 59027

Ion	Ratio	Lower	Upper
91	100		
92	56.5	39.8	73.8

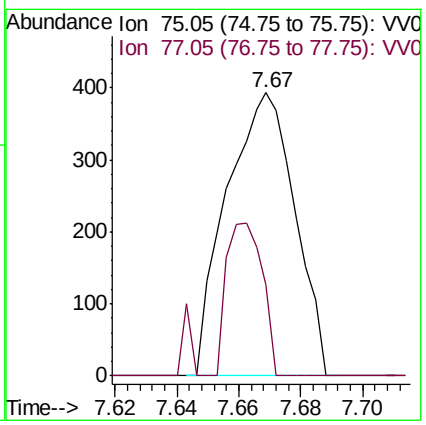


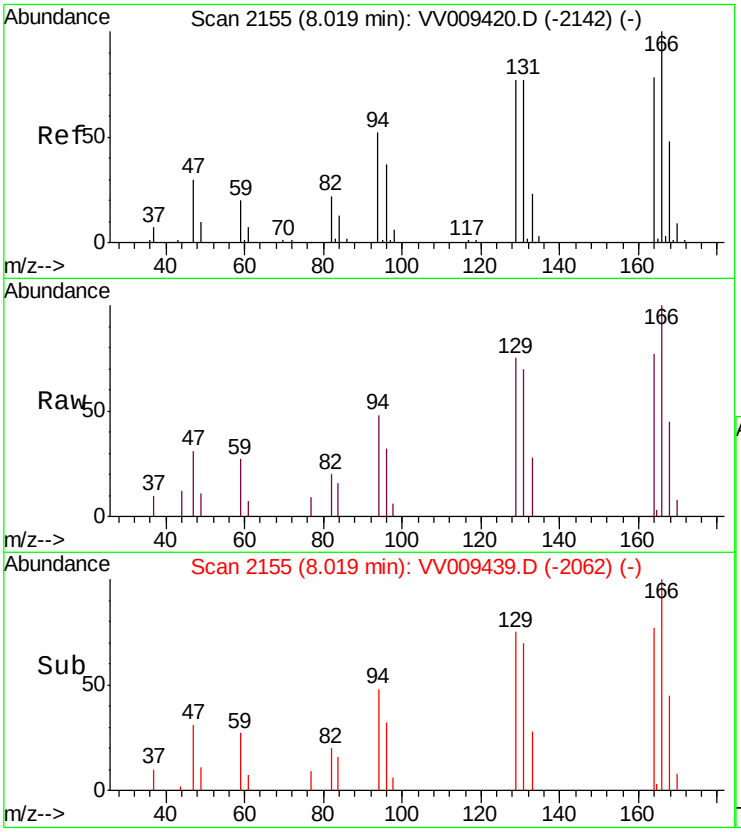


#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Tgt Ion: 75 Resp: 602

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.2	41.2



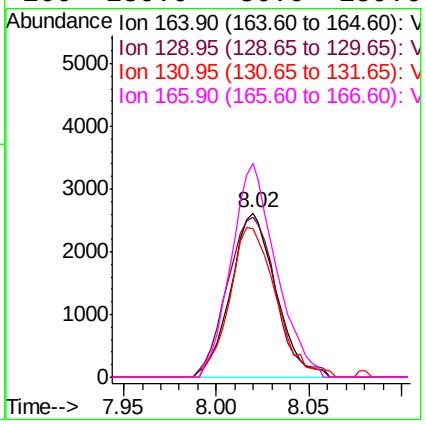


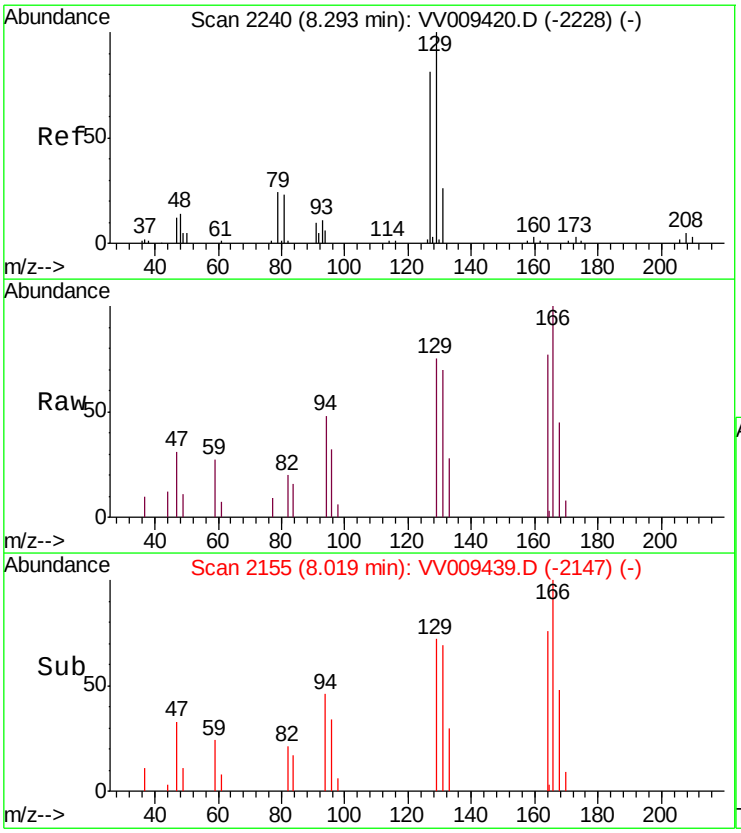
#47
Tetrachloroethene
Concen: 0.891 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Instrument :
MSVOA_V
ClientSampleId :
CWK05

Tgt Ion:164 Resp: 4440

Ion	Ratio	Lower	Upper
164	100		
129	97.0	69.3	128.7
131	90.7	64.0	118.8
166	130.0	86.0	159.6

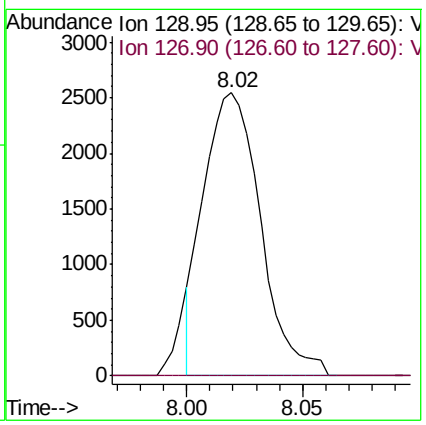


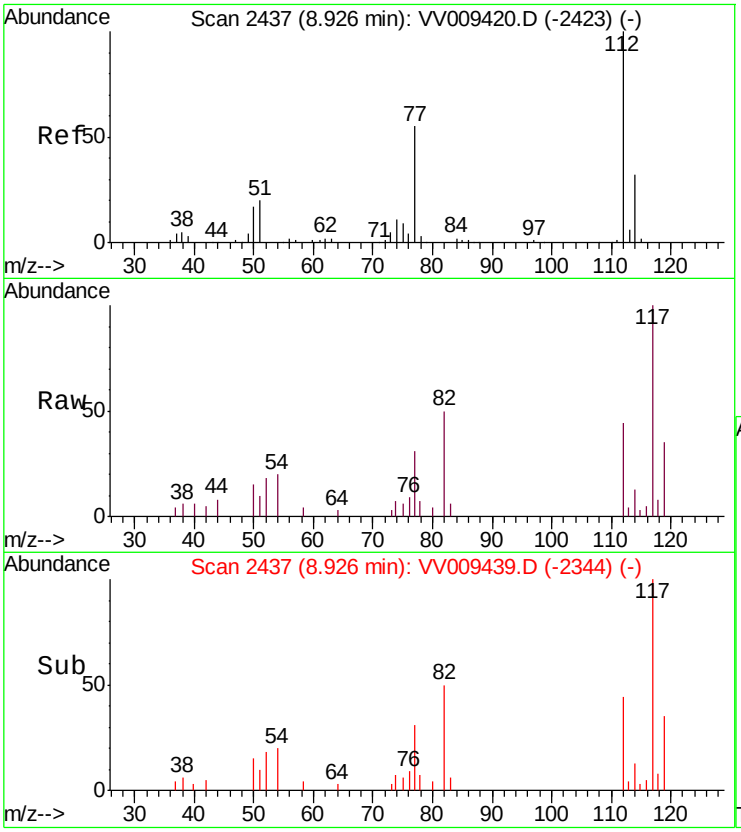


#49
Dibromochloromethane
Concen: 0.847 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Tgt Ion:129 Resp: 4339

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#



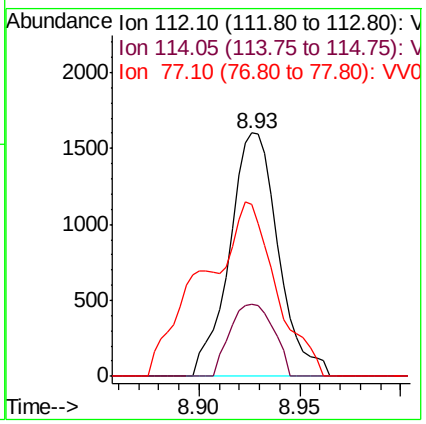


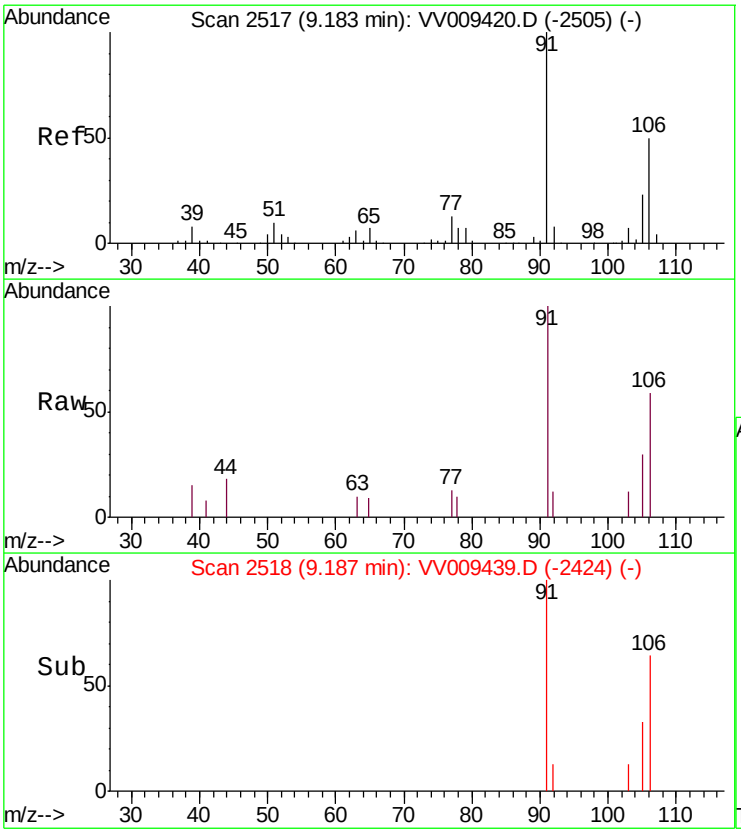
#51
Chlorobenzene
Concen: 0.163 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Instrument :
MSVOA_V
ClientSampleId :
CWK05

Tgt Ion:112 Resp: 2723

Ion	Ratio	Lower	Upper
112	100		
114	29.8	23.2	43.2
77	70.4	45.7	68.5#





#53
m,p-xylene
Concen: 0.095 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV009439.D
Acq: 28 Feb 2019 22:05

Tgt Ion:106 Resp: 1083

Ion	Ratio	Lower	Upper
106	100		
91	169.8	138.9	258.1