Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072419\

Quantitation Report (Not Reviewed)

Data File : VV012009.D
Acq On : 24 Jul 2019 14:23
Operator : SY/MD
Sample : K3890-03DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52S1DL

Quant Time: Jul 25 04:16:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144635	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140009	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70229	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25540	3.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.00%			
7) Chloroethane-d5	1.59	69	21005	3.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.00%			
11) 1,1-Dichloroethene-d2	2.14	63	42431	2.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.80%#			
20) 2-Butanone-d5	3.94	46	82101	37.36	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.72%			
24) Chloroform-d	4.40	84	68081	3.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 69.00%#			
26) 1,2-Dichloroethane-d4	5.08	65	39162	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.80%			
32) Benzene-d6	5.10	84	140632	3.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.00%			
36) 1,2-Dichloropropane-d6	6.12	67	40454	3.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 72.40%			
41) Toluene-d8	7.36	98	123345	3.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.20%#			
43) trans-1,3-Dichloropropene-	7.67	79	15754	3.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.40%			
46) 2-Hexanone-d5	8.13	63	65321	35.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 71.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28269	3.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 71.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	52519	3.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 77.60%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	13947	1.570	ug/L	93
8) Chloroethane	1.60	64	40816	7.768	ug/L	92
12) 1,1-Dichloroethene	2.14	96	1957	0.297	ug/L #	1
13) Acetone	2.19	43	2905	2.453	ug/L	95
19) 1,1-Dichloroethane	3.23	63	134617	7.435	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	9318	0.846	ug/L	92
25) Chloroform	4.43	83	6401	0.293	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	71293	3.978	ug/L	99
31) Carbon tetrachloride	4.66	117	8780	0.544	ug/L	97
34) Trichloroethene	5.96	95	3289	0.288	ug/L	90
35) Methylcyclohexane	6.12	83	10701	0.601	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5140	0.519	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1149	0.078	ug/L #	77
42) Toluene	7.43	91	217856	4.928	ug/L	96
52) Ethylbenzene	9.06	91	4791	0.095	ug/L	94
54) o-xylene	9.59	106	1695	0.093	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.45	75	299	0.243	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072419\

Quantitation Report (Not Reviewed)

Data File : VV012009.D
Acq On : 24 Jul 2019 14:23
Operator : SY/MD
Sample : K3890-03DL 5X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52S1DL

Quant Time: Jul 25 04:16:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072419\

Quantitation Report (Not Reviewed)

Data File : VV012009.D
Acq On : 24 Jul 2019 14:23
Operator : SY/MD
Sample : K3890-03DL 5X
Misc : 25ML/MSVOA_V/WATER
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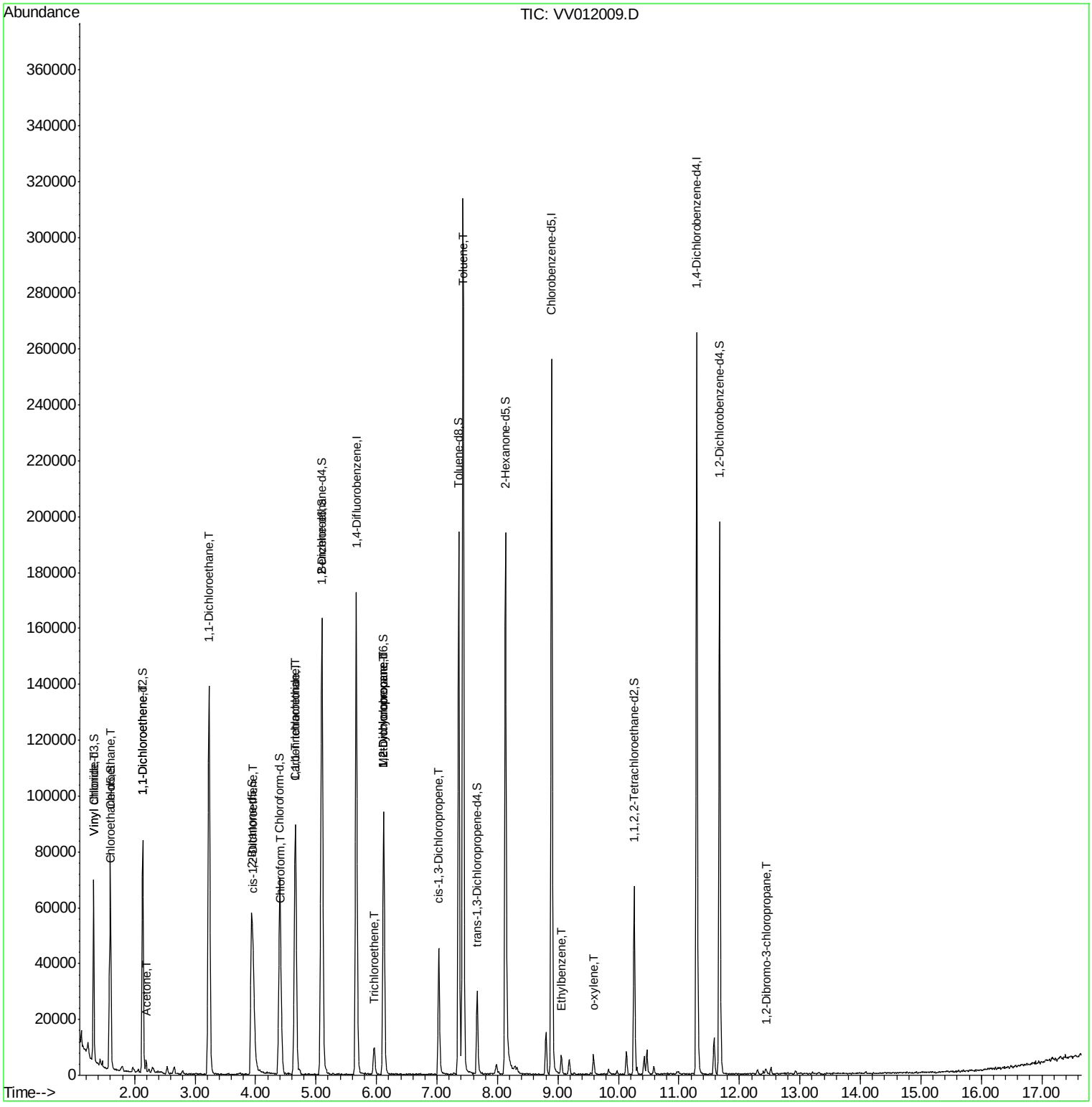
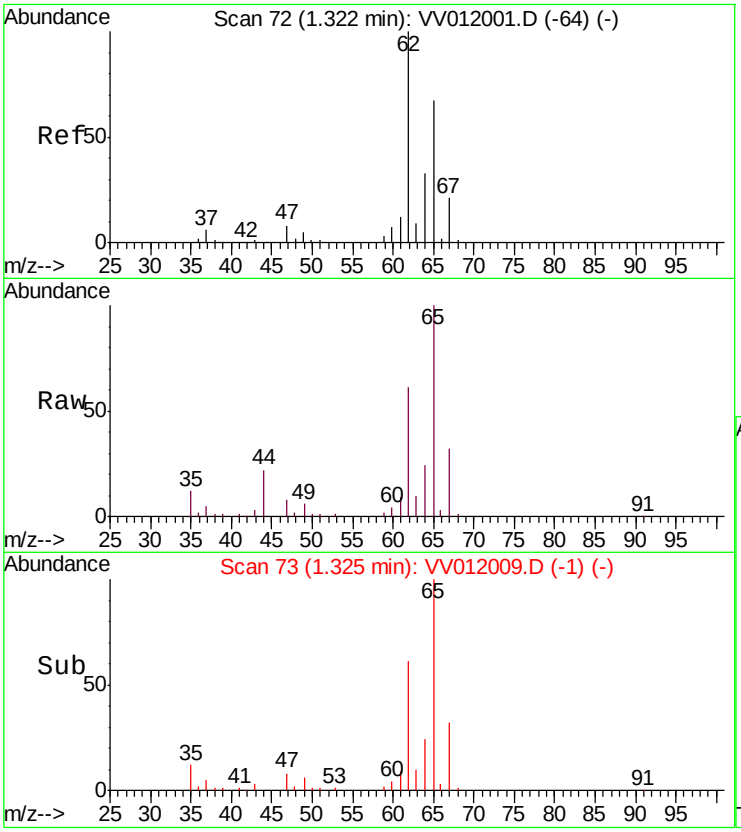
Quant Time: Jul 25 04:16:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration



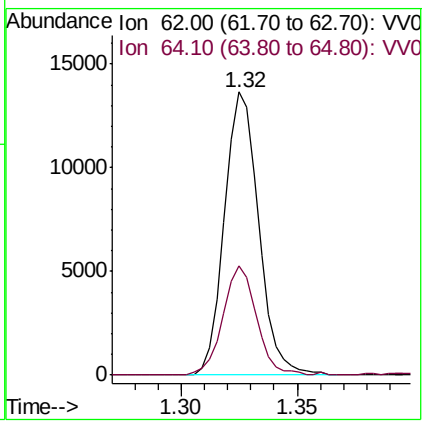


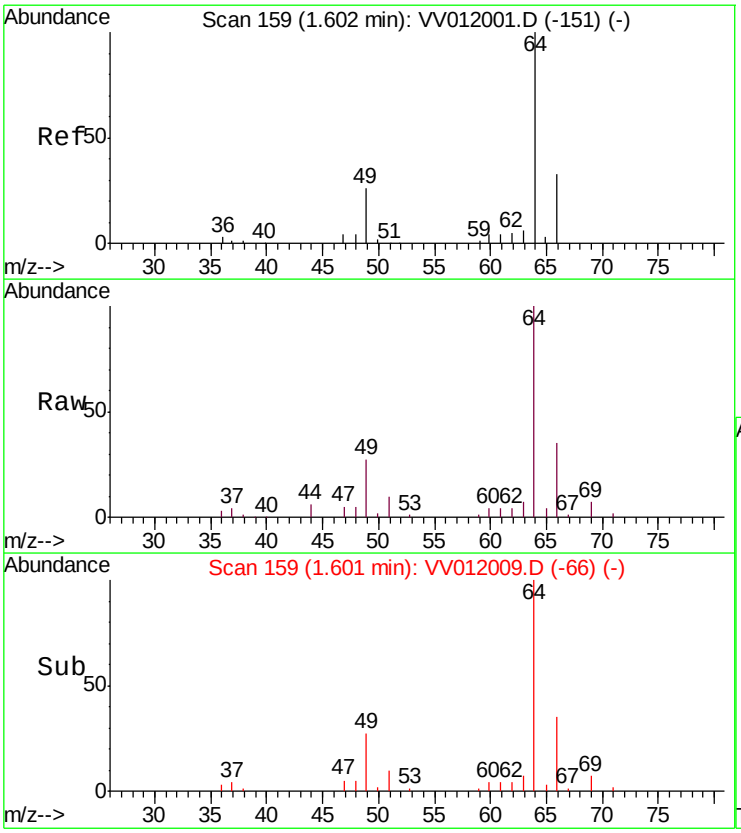
#5
Vinyl chloride
Concen: 1.570 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Instrument :
MSVOA_V
ClientSampleId :
A52S1DL

Tgt Ion: 62 Resp: 13947

Ion	Ratio	Lower	Upper
62	100		
64	38.6	24.3	45.1

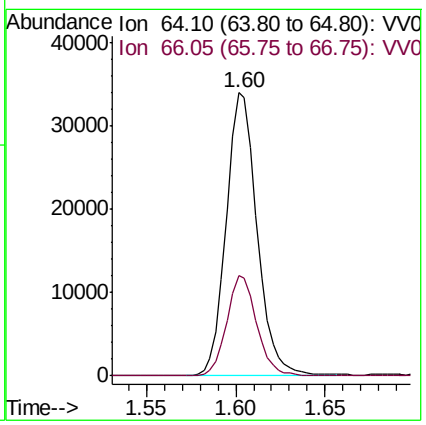


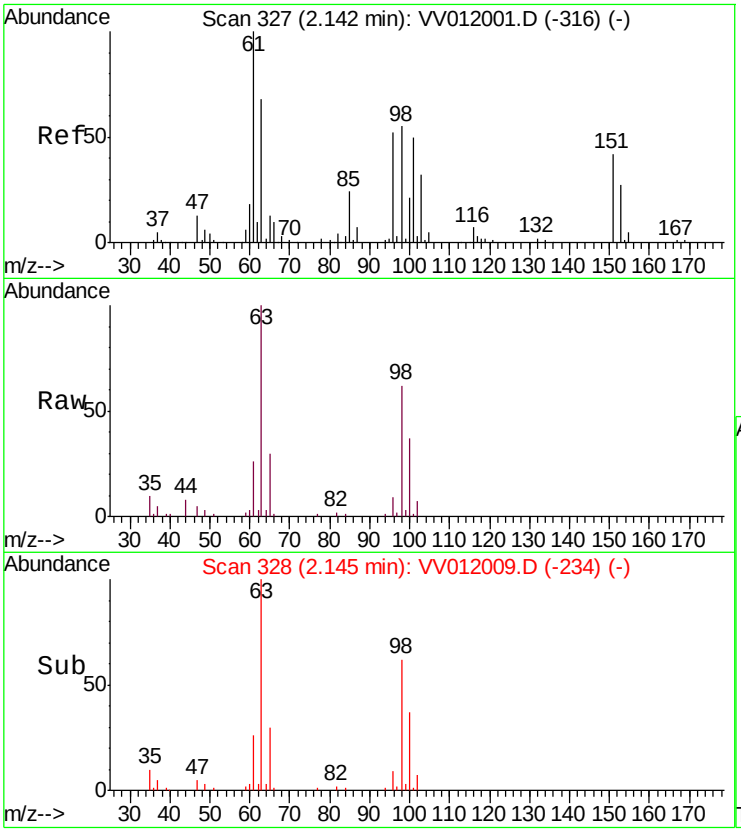


#8
Chloroethane
Concen: 7.768 ug/L
RT: 1.60 min Scan# 159
Delta R.T. -0.00 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Tgt Ion: 64 Resp: 40816

Ion	Ratio	Lower	Upper
64	100		
66	35.4	21.8	40.6



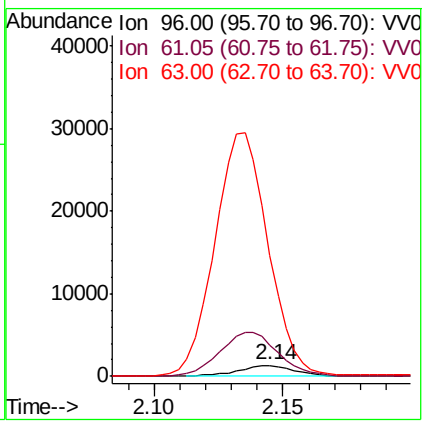


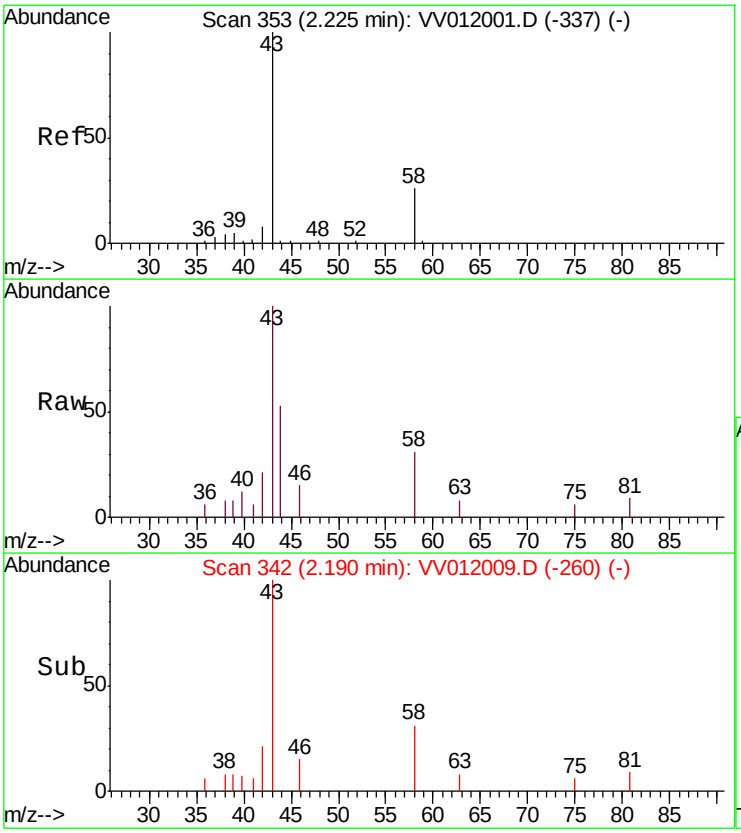
#12
1,1-Dichloroethene
Concen: 0.297 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Instrument : MSVOA_V
ClientSampleId : A52S1DL

Tgt Ion: 96 Resp: 1957

Ion	Ratio	Lower	Upper
96	100		
61	292.7	132.7	246.5#
63	1118.8	104.0	193.1#

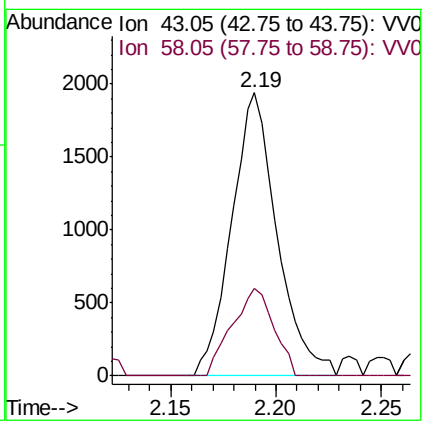


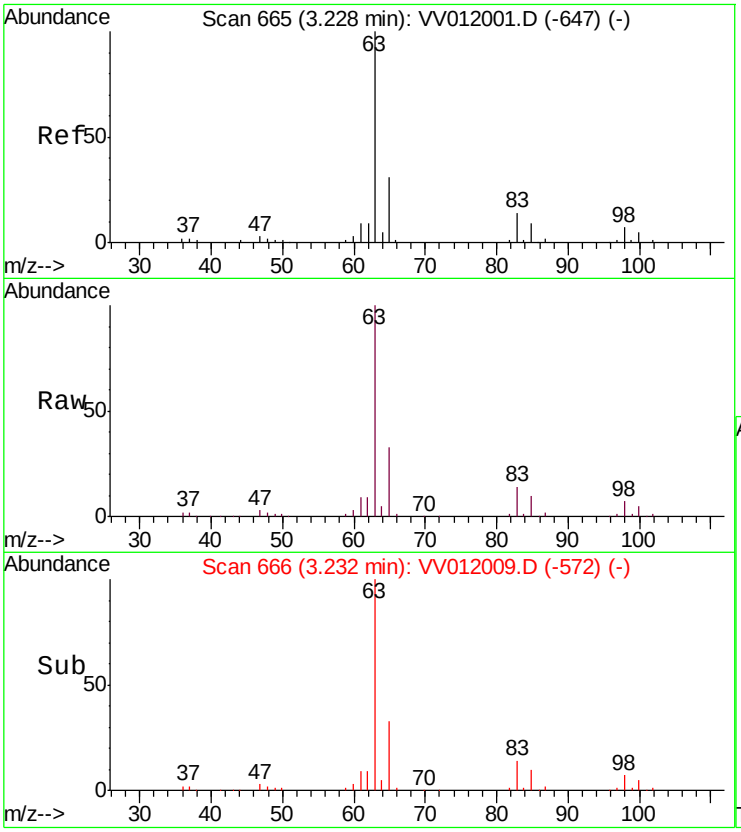


#13
Acetone
Concen: 2.453 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.04 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Tgt Ion: 43 Resp: 2905

Ion	Ratio	Lower	Upper
43	100		
58	28.2	0.0	51.8



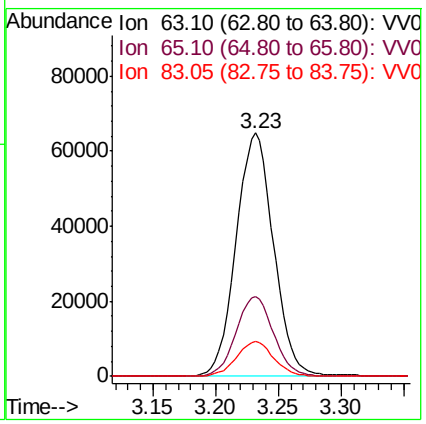


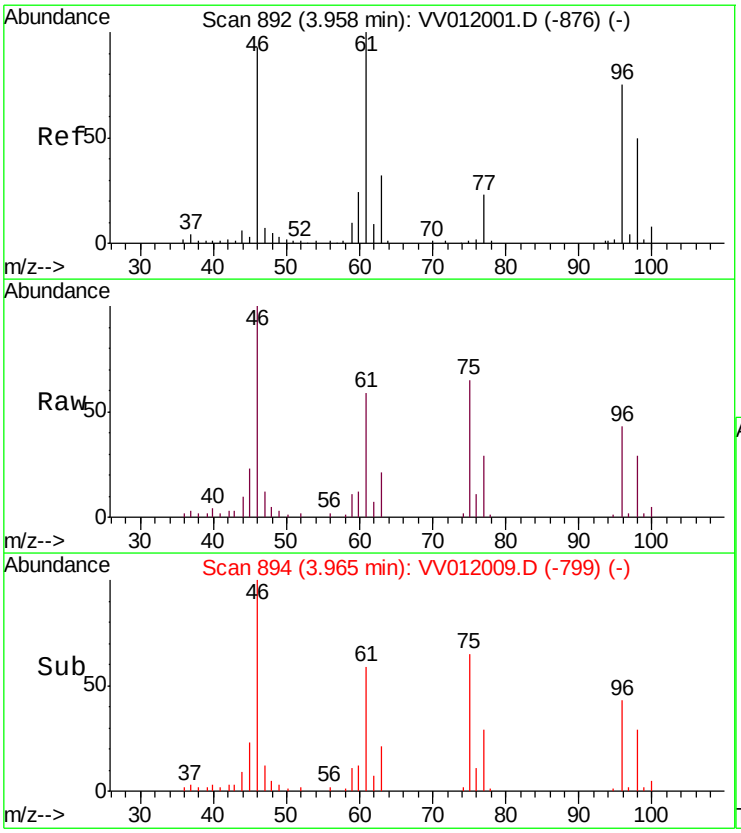
#19
1,1-Dichloroethane
Concen: 7.435 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.00 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Instrument : MSVOA_V
ClientSampleId : A52S1DL

Tgt Ion: 63 Resp: 134617

Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.5	43.7
83	14.2	9.7	18.1

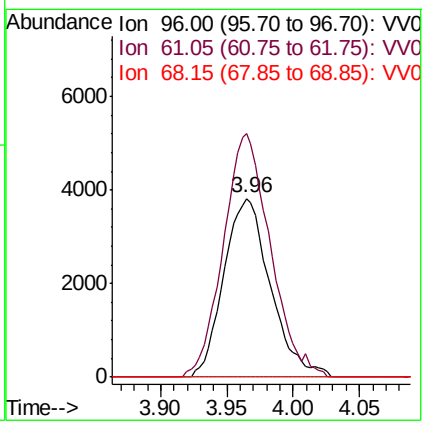


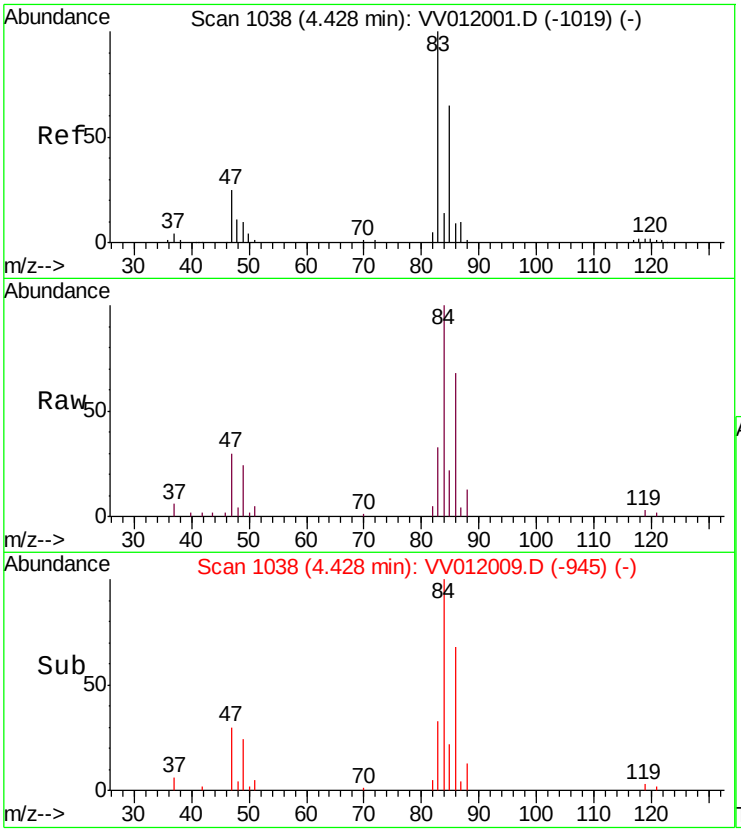


#22
cis-1,2-Dichloroethene
Concen: 0.846 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Tgt Ion: 96 Resp: 9318

Ion	Ratio	Lower	Upper
96	100		
61	136.5	89.0	165.2
68	0.0	0.0	0.0



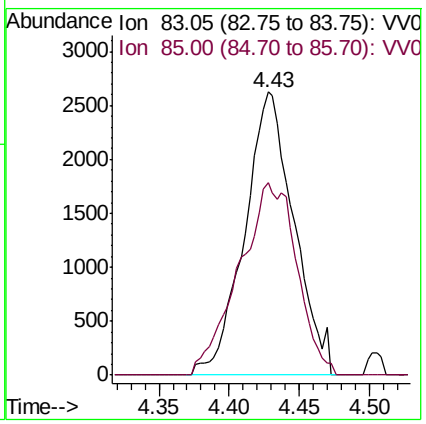


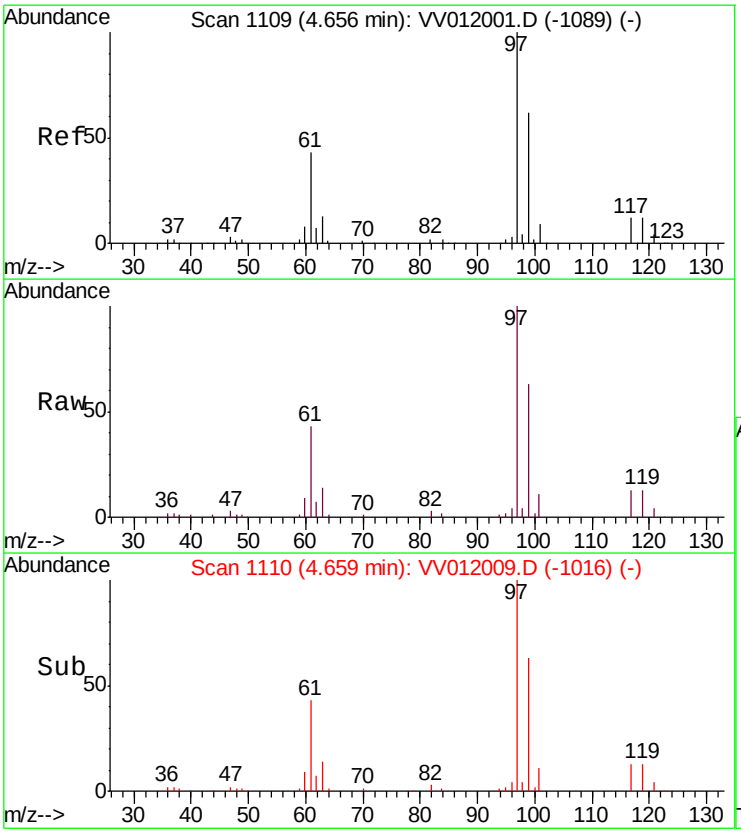
#25
Chloroform
Concen: 0.293 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Instrument :
MSVOA_V
ClientSampleId :
A52S1DL

Tgt Ion: 83 Resp: 6401

Ion	Ratio	Lower	Upper
83	100		
85	68.1	46.5	86.3

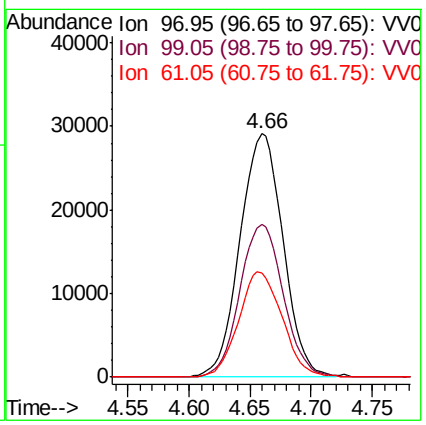


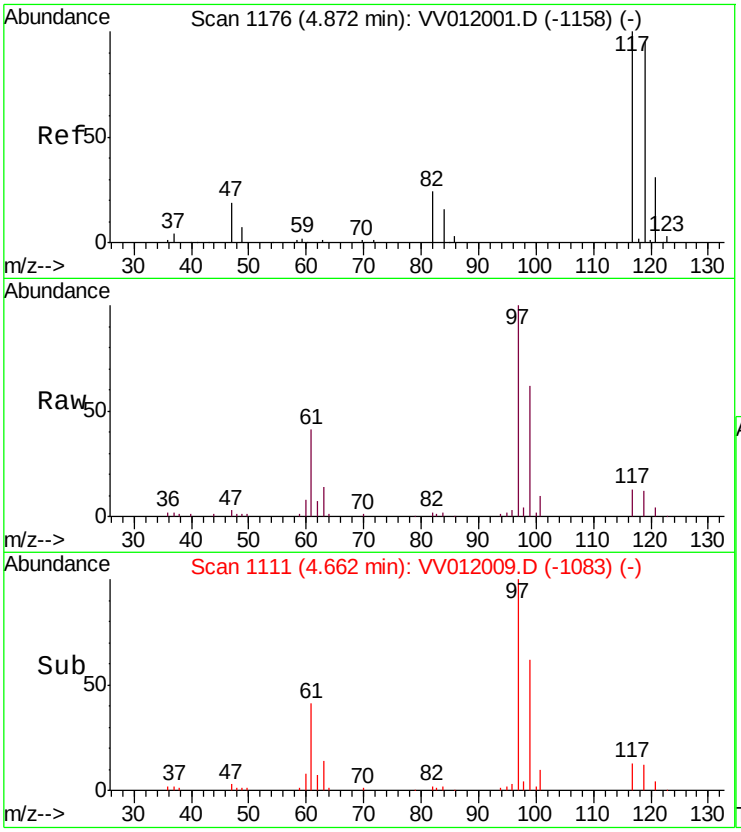


#29
1,1,1-Trichloroethane
Concen: 3.978 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Tgt Ion: 97 Resp: 71293

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.7	77.5
61	43.5	35.1	52.7



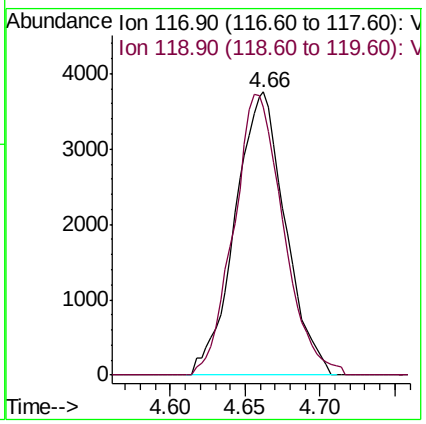


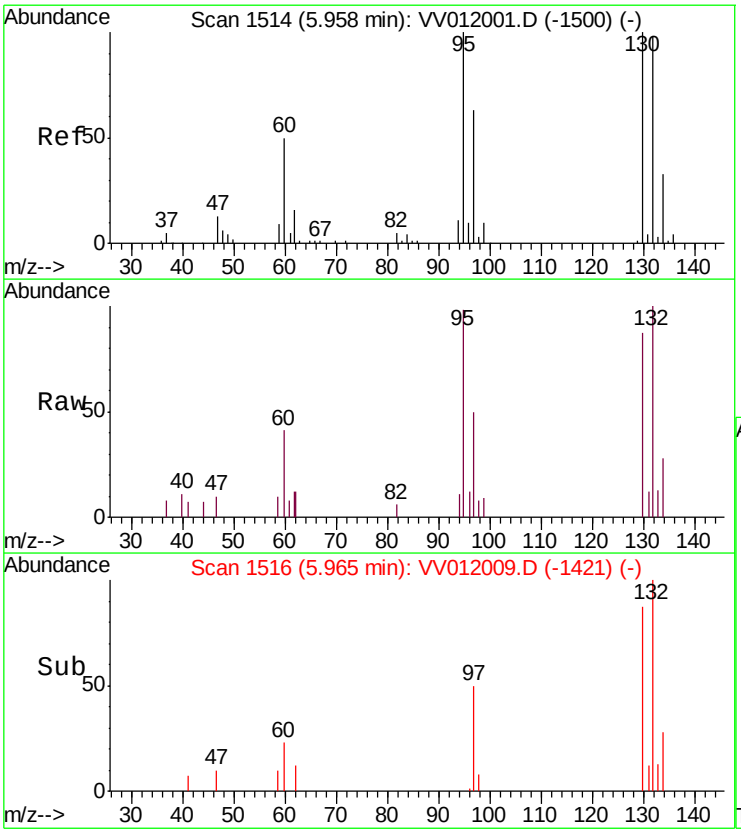
#31
Carbon tetrachloride
Concen: 0.544 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.21 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Instrument :
MSVOA_V
ClientSampleId :
A52S1DL

Tgt Ion:117 Resp: 8780

Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.4	114.6

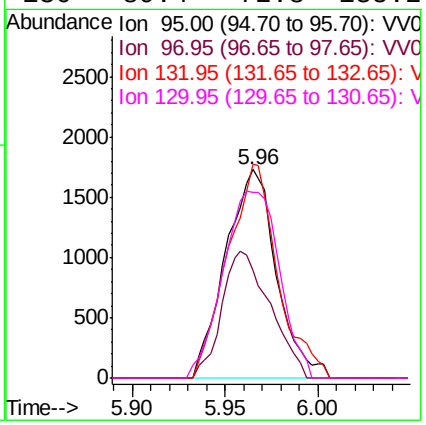


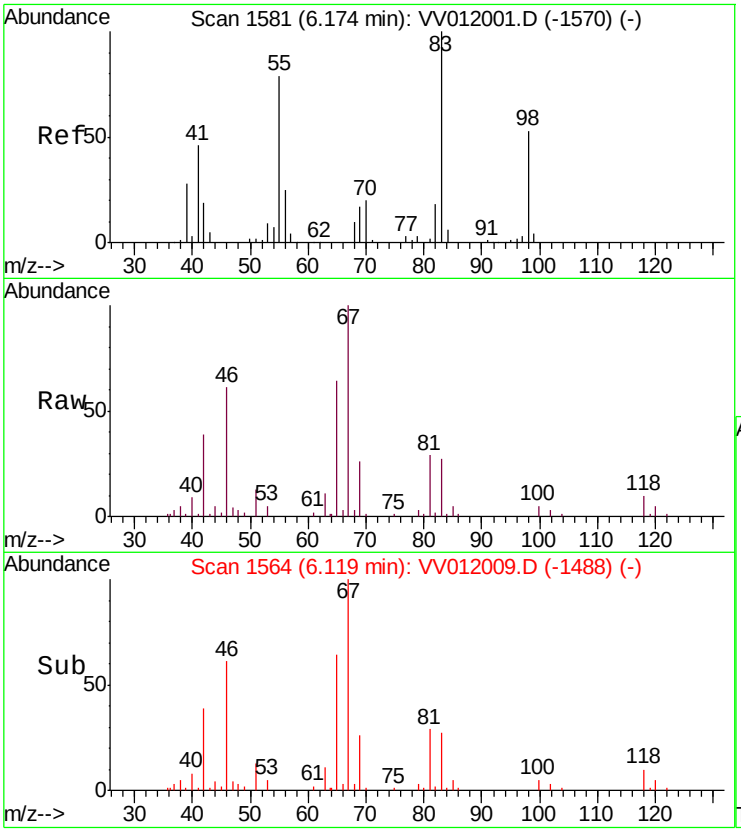


#34
Trichloroethene
Concen: 0.288 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Tgt Ion: 95 Resp: 3289

Ion	Ratio	Lower	Upper
95	100		
97	51.7	45.6	84.6
132	102.5	71.3	132.3
130	89.4	72.8	135.2



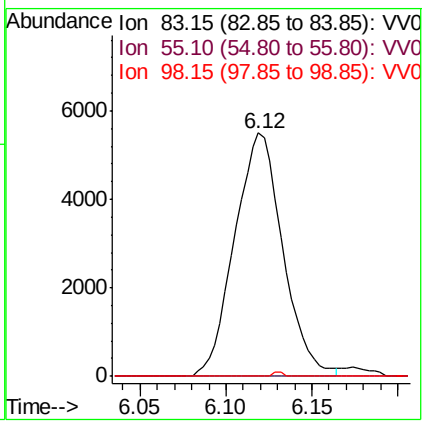


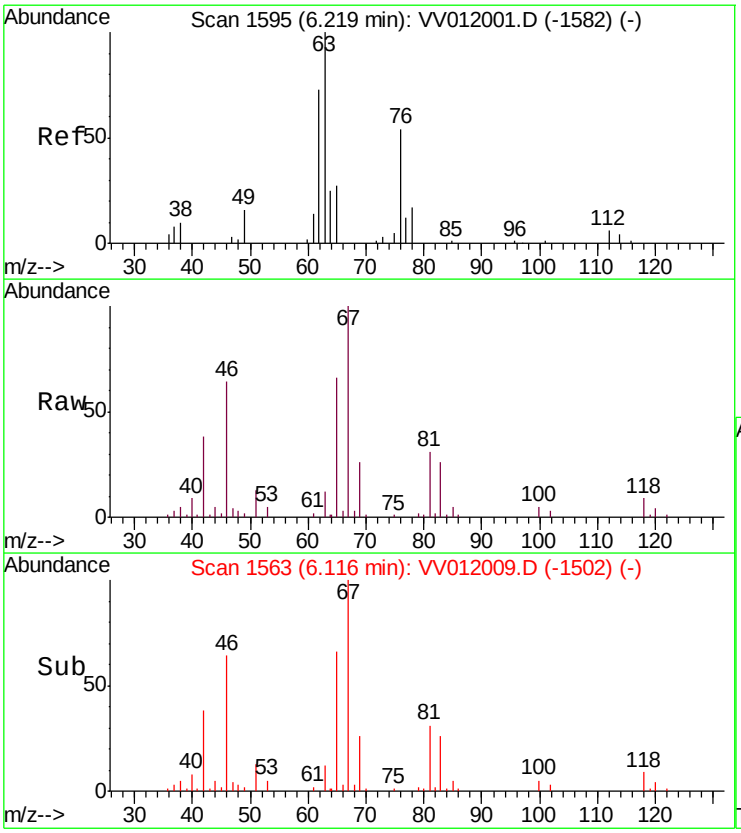
#35
Methylcyclohexane
Concen: 0.601 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Instrument : MSVOA_V
ClientSampleId : A52S1DL

Tgt Ion: 83 Resp: 10701

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.0	94.4#
98	0.4	41.4	62.0#

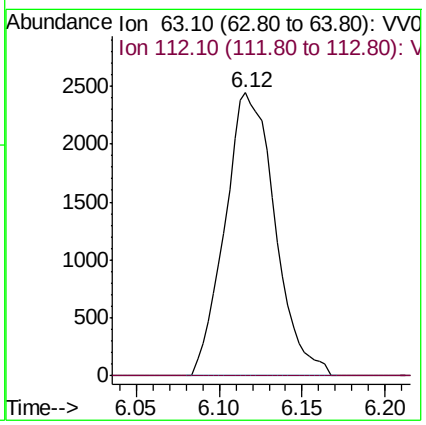


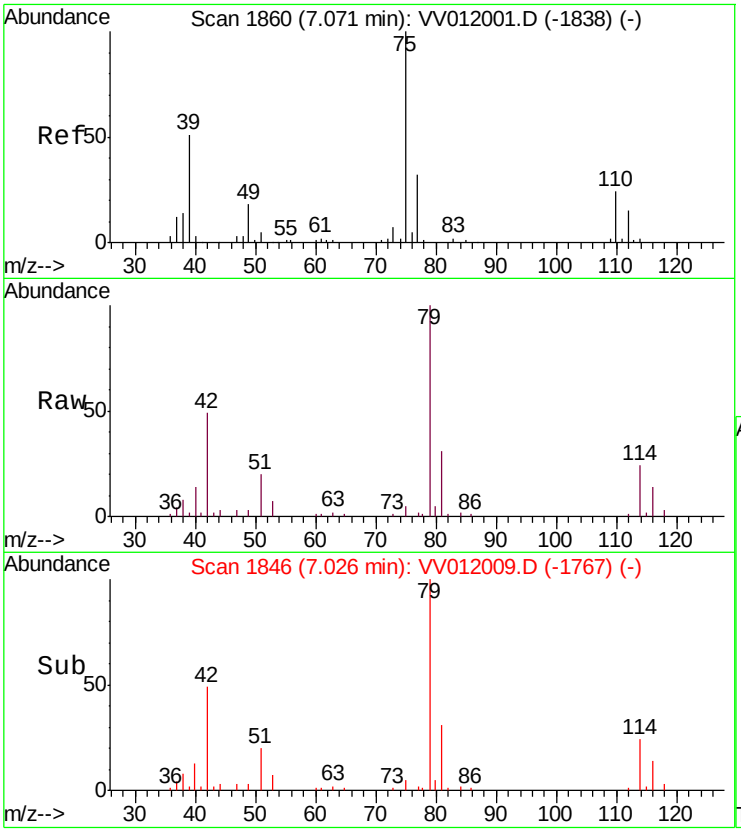


#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Tgt Ion: 63 Resp: 5140

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#



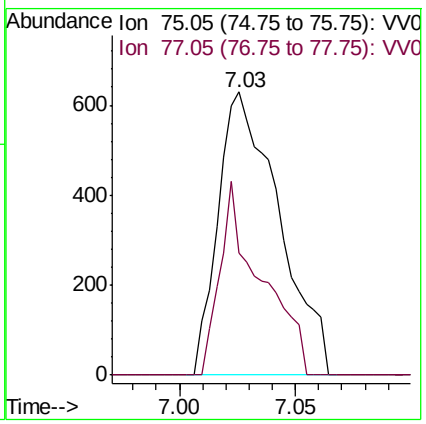


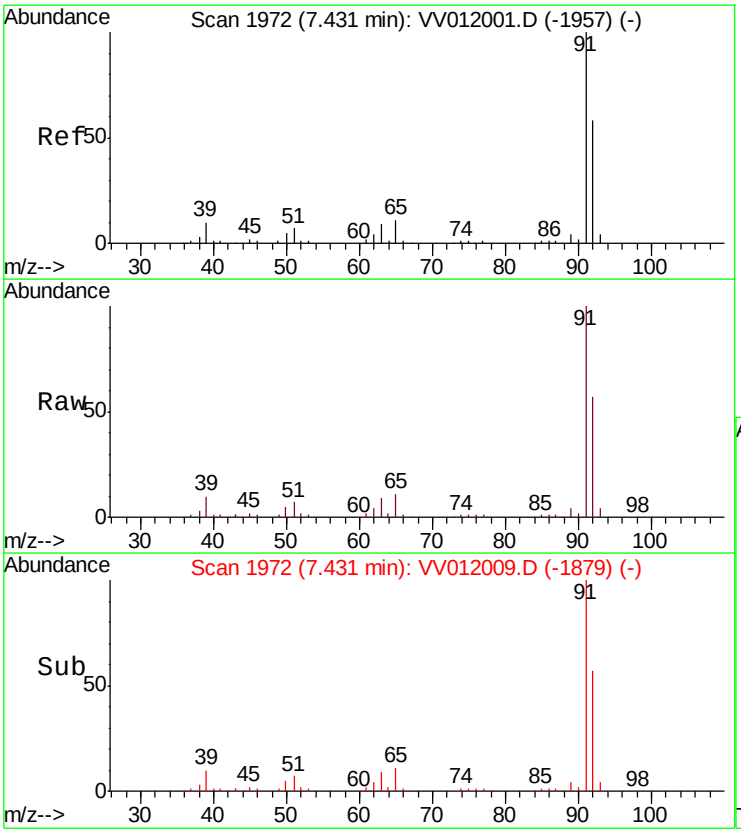
#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Instrument :
MSVOA_V
ClientSampleId :
A52S1DL

Tgt Ion: 75 Resp: 1149

Ion	Ratio	Lower	Upper
75	100		
77	43.1	21.3	39.6#

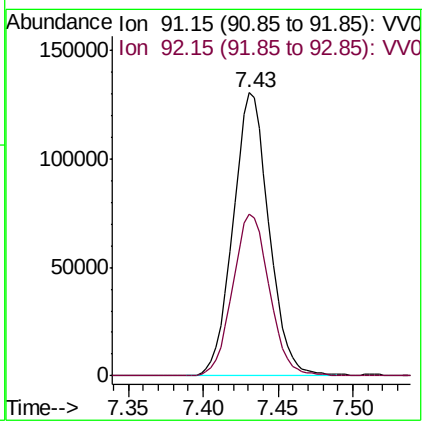


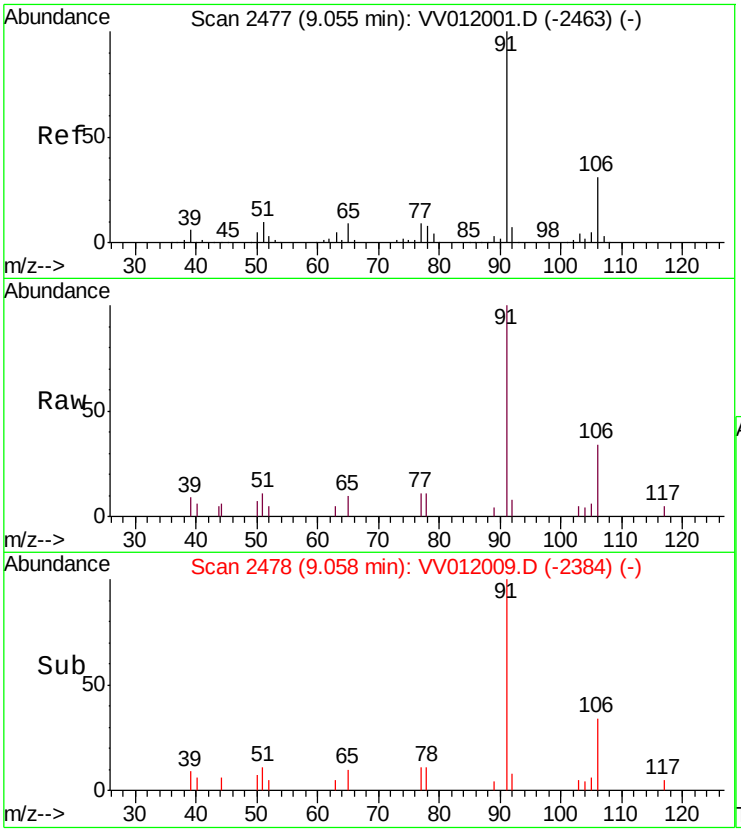


#42
Toluene
Concen: 4.928 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Tgt Ion: 91 Resp: 217856

Ion	Ratio	Lower	Upper
91	100		
92	57.2	41.9	77.9



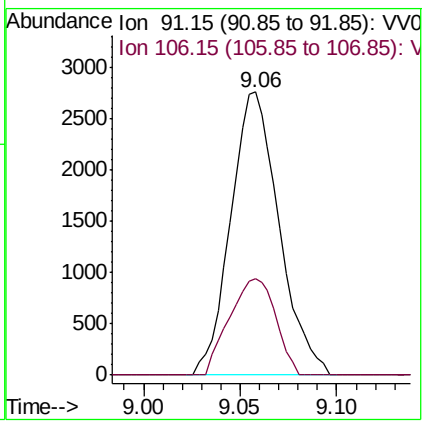


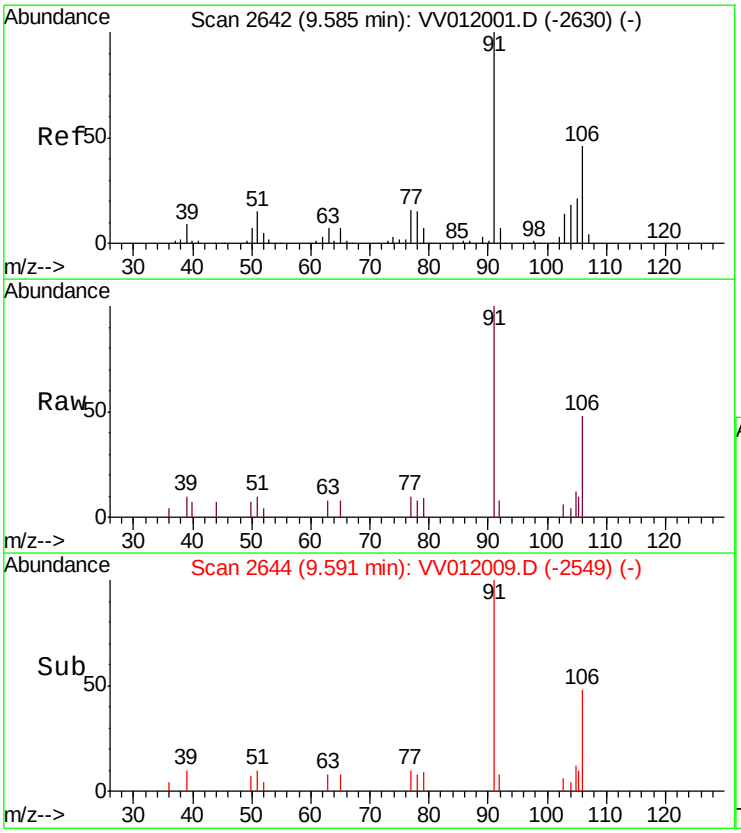
#52
Ethylbenzene
Concen: 0.095 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.00 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Instrument : MSVOA_V
ClientSampleId : A52S1DL

Tgt Ion: 91 Resp: 4791

Ion	Ratio	Lower	Upper
91	100		
106	34.0	21.6	40.0

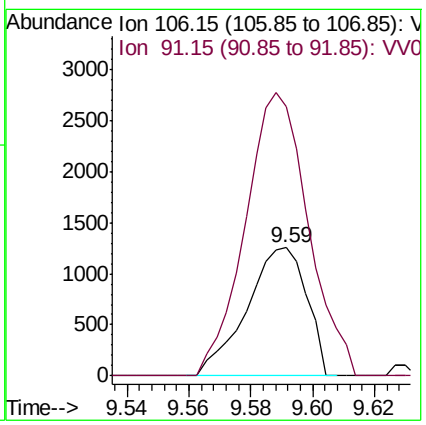


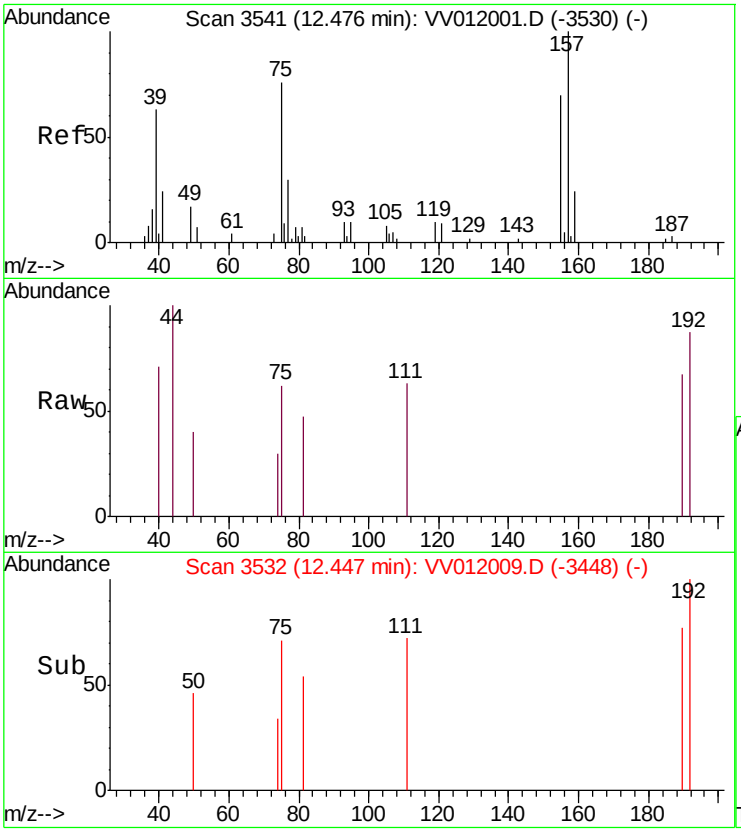


#54
o-xylene
Concen: 0.093 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.01 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Tgt Ion:106 Resp: 1695

Ion	Ratio	Lower	Upper
106	100		
91	209.9	151.0	280.4





#66
1,2-Dibromo-3-chloropropane
Concen: 0.243 ug/L
RT: 12.45 min Scan# 3532
Delta R.T. -0.03 min
Lab File: VV012009.D
Acq: 24 Jul 2019 14:23

Instrument :
MSVOA_V
ClientSampleId :
A52S1DL

Tgt Ion: 75 Resp: 299

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.5	104.3#
157	0.0	96.2	144.2#