Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015714.D
Acq On : 25 Apr 2020 23:18
Operator : SY/MD
Sample : L2413-21MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKM8MSD

Quant Time: Apr 27 05:59:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128979	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	126040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59570	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36397	5.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.00%			
7) Chloroethane-d5	1.58	69	27064	4.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.40%			
11) 1,1-Dichloroethene-d2	2.13	63	82493	5.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 111.80%			
20) 2-Butanone-d5	3.92	46	109753	50.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.42%			
24) Chloroform-d	4.38	84	71141	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.06	65	40638	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.08	84	132171	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.10	67	43717	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.34	98	120300	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
43) trans-1,3-Dichloropropene-	7.65	79	11419	3.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 61.40%			
46) 2-Hexanone-d5	8.11	63	82636	45.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.18%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31508	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	46601	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1466694	143.687	ug/L	100
12) 1,1-Dichloroethene	2.13	96	67459	8.986	ug/L #	85
18) trans-1,2-Dichloroethene	2.78	96	96897	11.528	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	11541542	1241.901	ug/L	95
30) Cyclohexane	4.71	56	9788	0.641	ug/L	95
33) Benzene	5.13	78	197731	5.491	ug/L	100
34) Trichloroethene	5.94	95	2060088	207.153	ug/L	98
35) Methylcyclohexane	6.15	83	4332	0.284	ug/L	88
42) Toluene	7.41	91	210195	5.463	ug/L	99
47) Tetrachloroethene	8.00	164	3666115	511.993	ug/L	97
51) Chlorobenzene	8.90	112	132683	5.264	ug/L	98

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

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Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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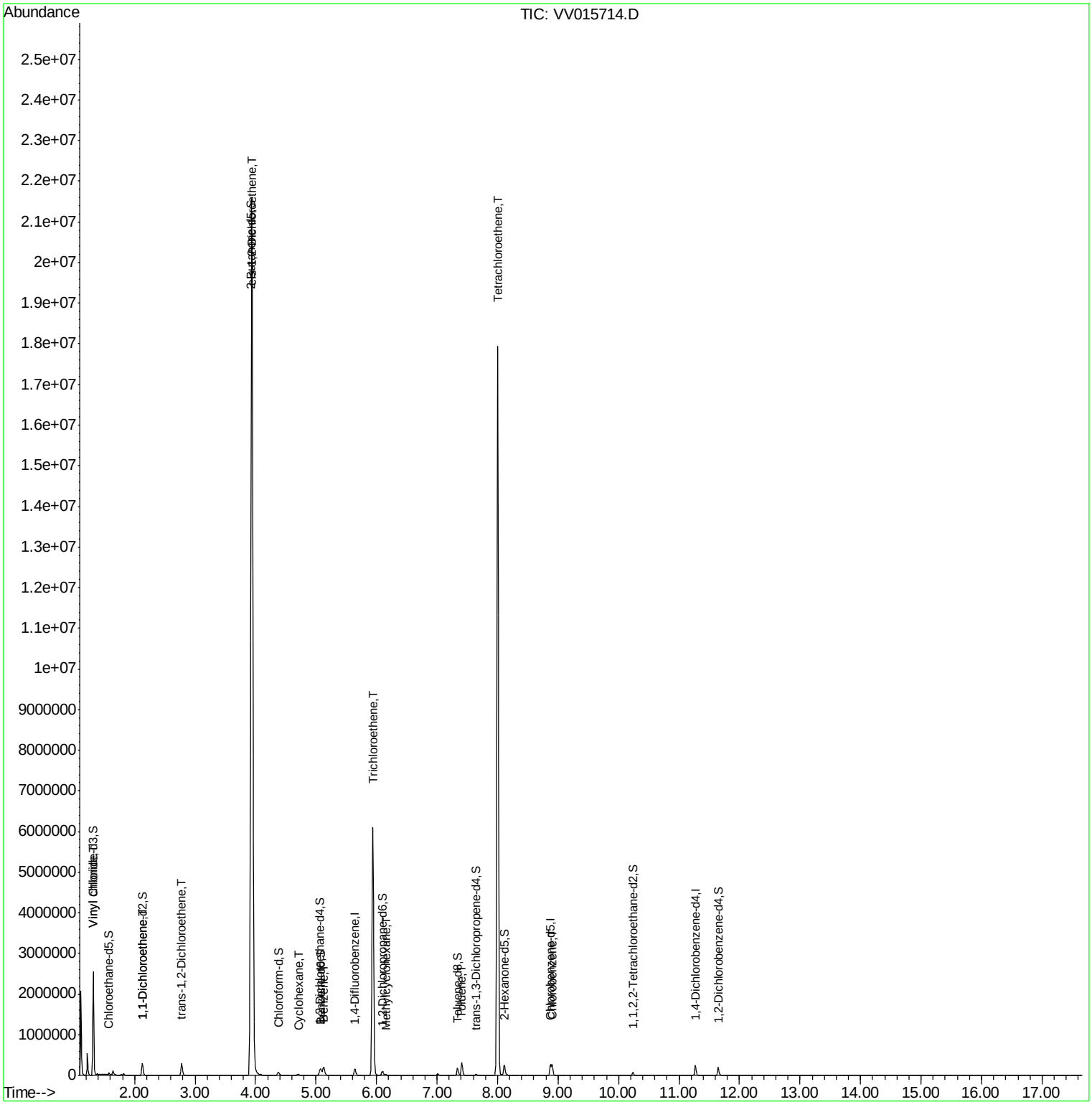
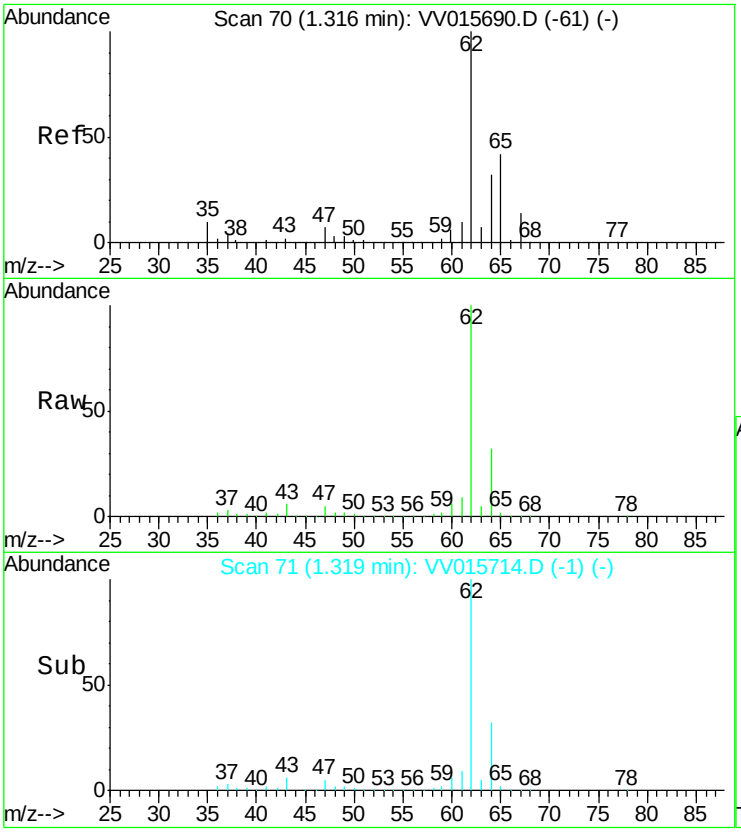
Instrument :
MSVOA_V
ClientSampleId :
ETKM8MSD

Quant Time: Apr 27 05:59:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration



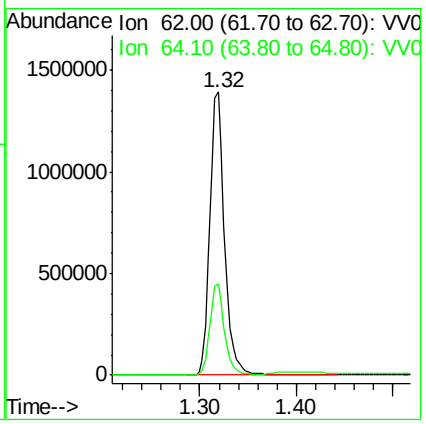


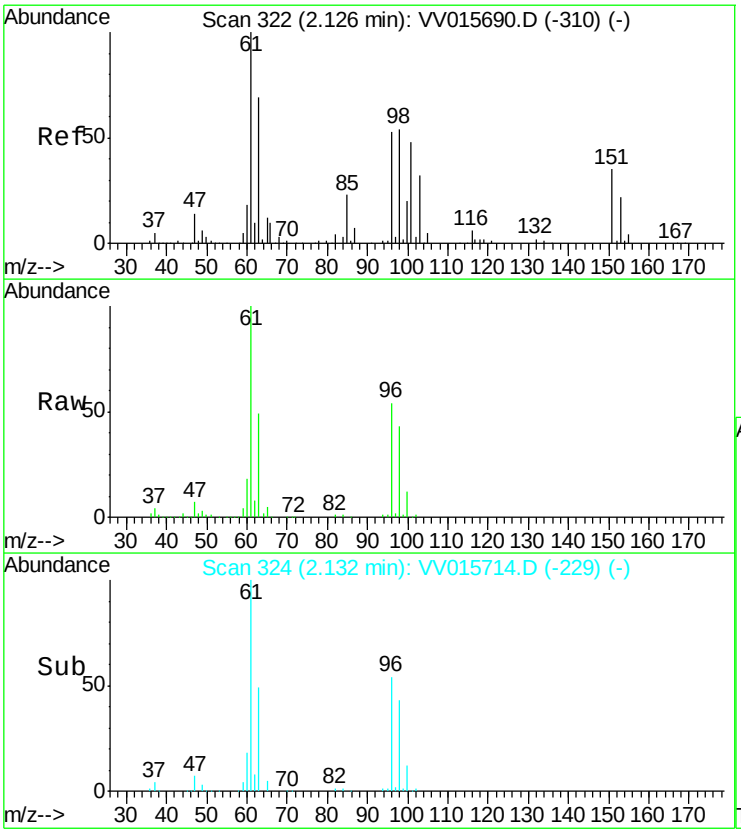
#5
Vinyl chloride
Concen: 143.687 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MSD

Tgt Ion: 62 Resp: 1466694

Ion	Ratio	Lower	Upper
62	100		
64	32.3	22.7	42.1

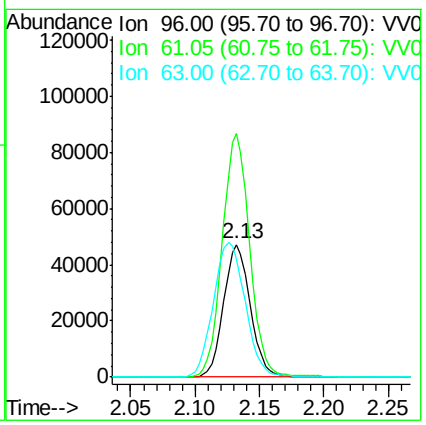


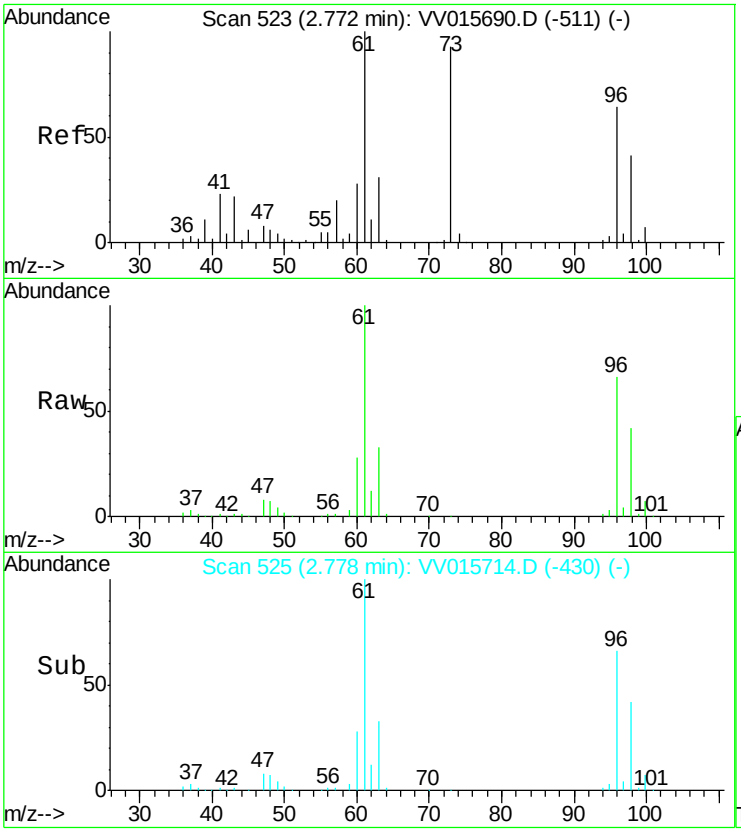


#12
1,1-Dichloroethene
Concen: 8.986 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.01 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Tgt Ion: 96 Resp: 67459

Ion	Ratio	Lower	Upper
96	100		
61	183.9	130.1	241.7
63	89.7	91.4	169.8#



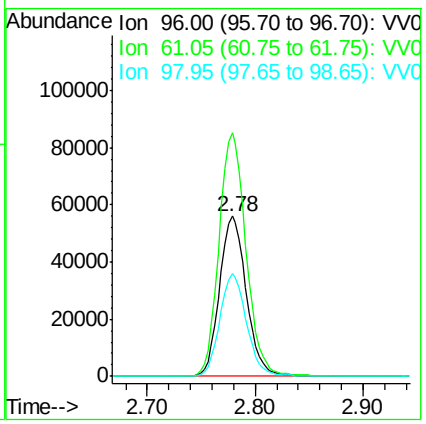


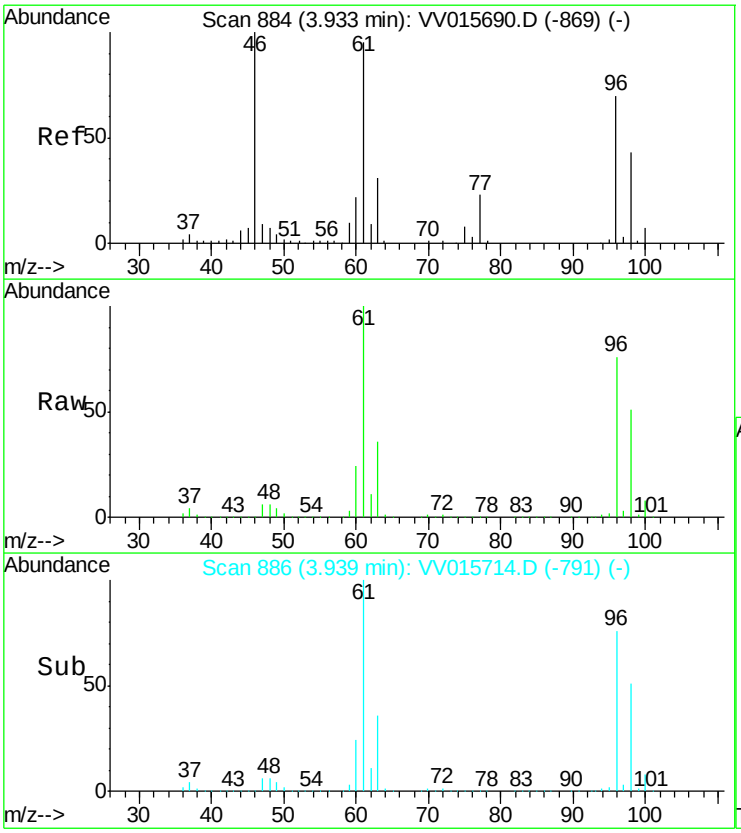
#18
trans-1,2-Dichloroethene
Concen: 11.528 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MSD

Tgt Ion: 96 Resp: 96897

Ion	Ratio	Lower	Upper
96	100		
61	152.1	105.5	195.9
98	64.0	44.2	82.0

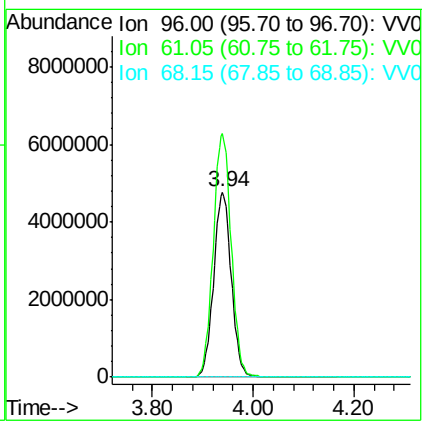


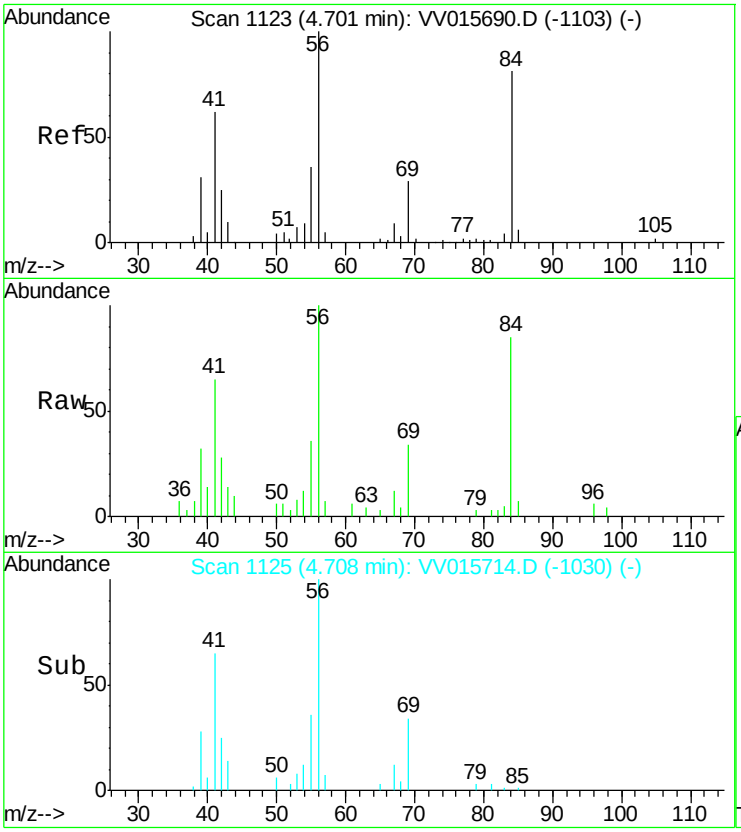


#22
cis-1,2-Dichloroethene
Concen: 1241.901 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Tgt Ion: 96 Resp:11541542

Ion	Ratio	Lower	Upper
96	100		
61	131.8	96.4	179.0
68	0.0	0.0	0.0



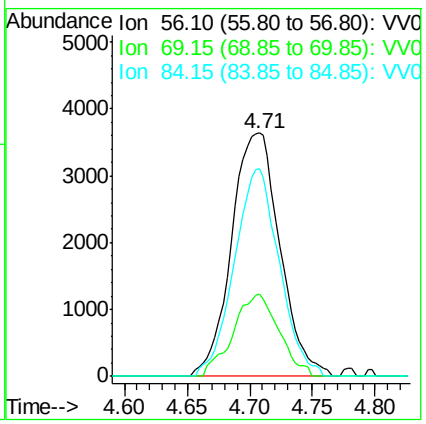


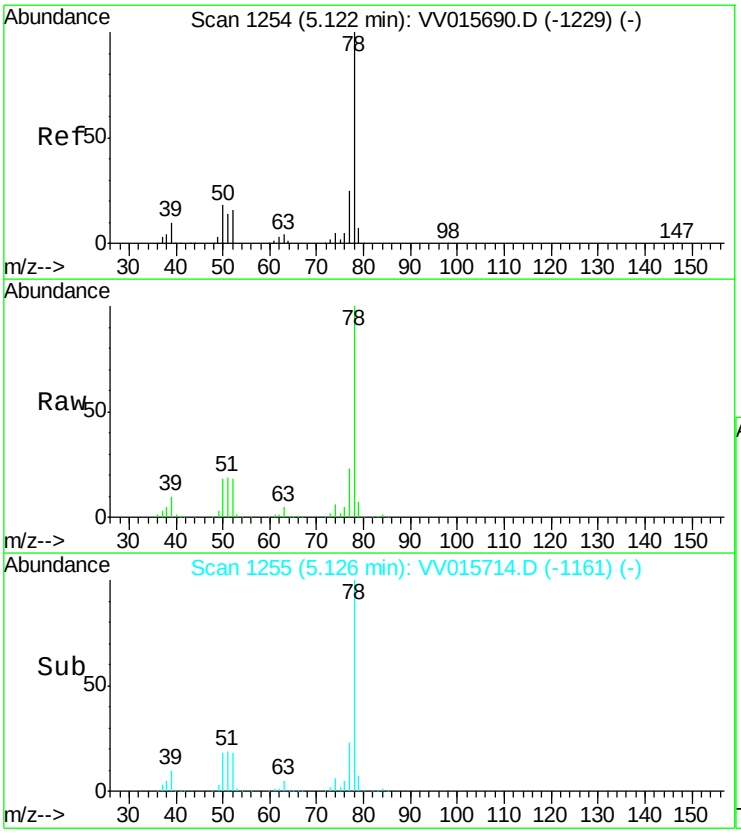
#30
Cyclohexane
Concen: 0.641 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Instrument : MSVOA_V
ClientSampleId : ETKM8MSD

Tgt Ion: 56 Resp: 9788

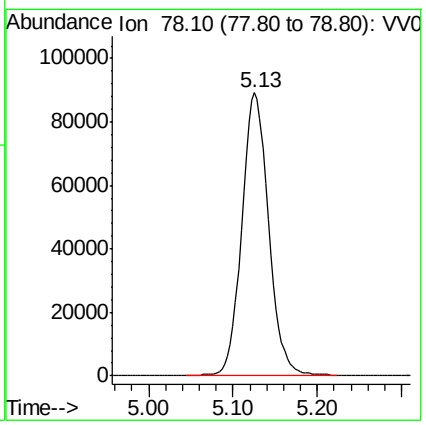
Ion	Ratio	Lower	Upper
56	100		
69	31.9	23.9	35.9
84	79.3	66.9	100.3

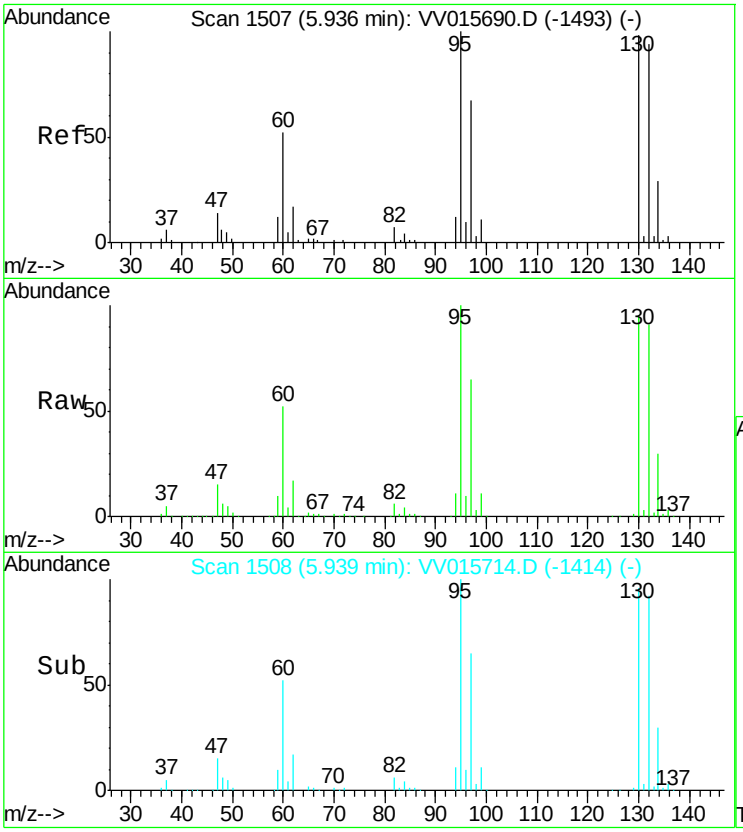




#33
Benzene
Concen: 5.491 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Tgt Ion: 78 Resp: 197731



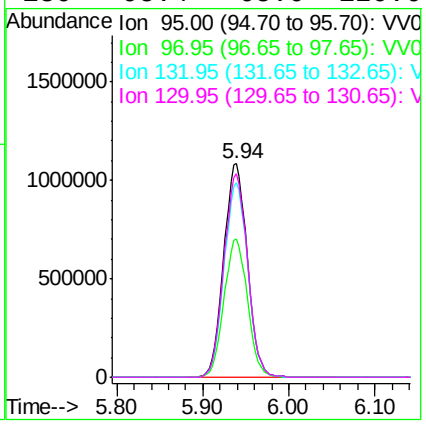


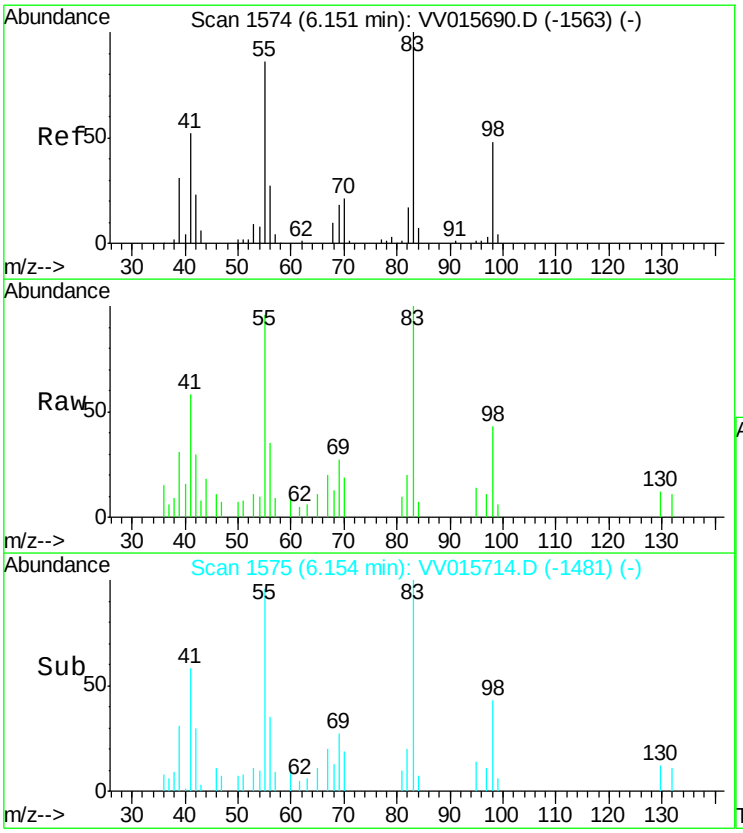
#34
Trichloroethene
Concen: 207.153 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MSD

Tgt Ion: 95 Resp: 2060088

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.7	82.9
132	91.3	65.2	121.0
130	95.4	65.0	120.6

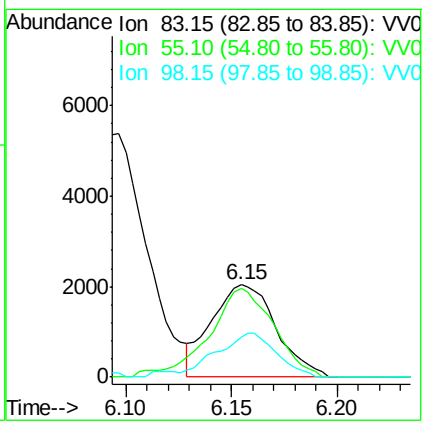


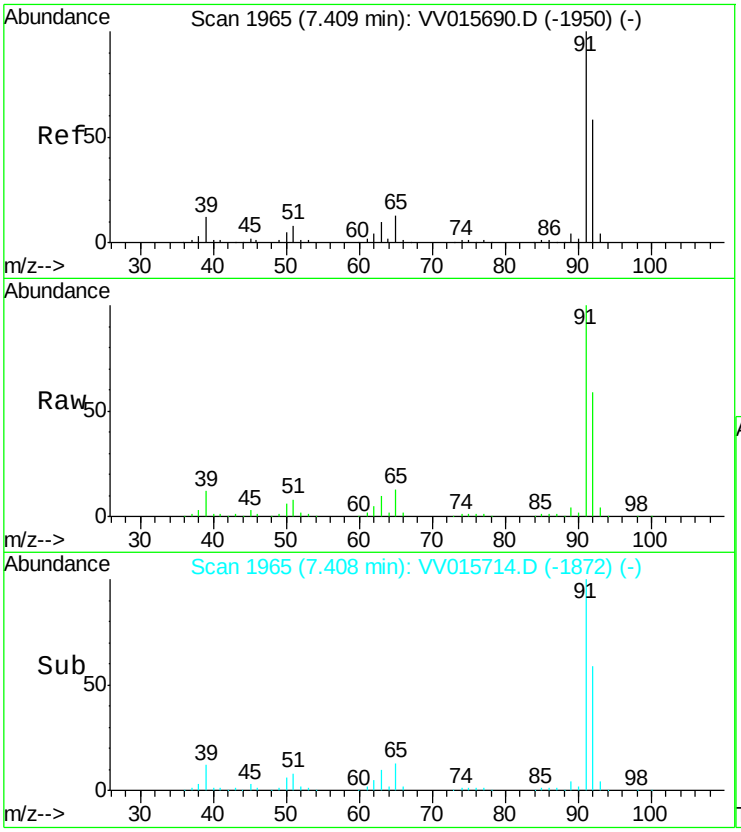


#35
Methylcyclohexane
Concen: 0.284 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Tgt Ion: 83 Resp: 4332

Ion	Ratio	Lower	Upper
83	100		
55	96.5	66.6	99.8
98	44.2	39.5	59.3



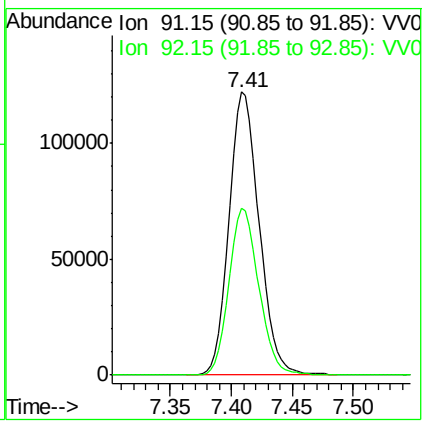


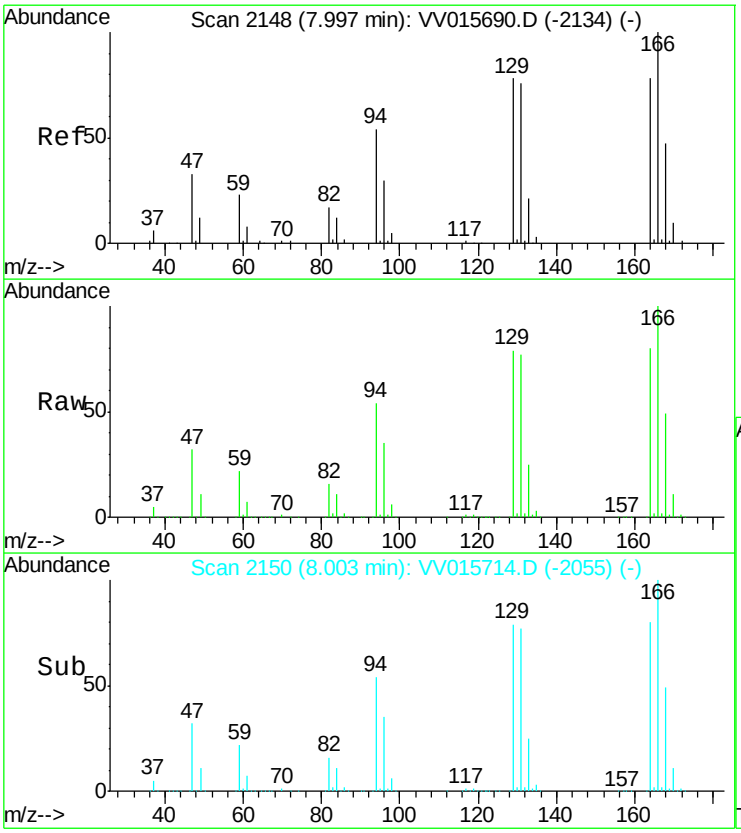
#42
Toluene
Concen: 5.463 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MSD

Tgt Ion: 91 Resp: 210195

Ion	Ratio	Lower	Upper
91	100		
92	59.0	40.7	75.7

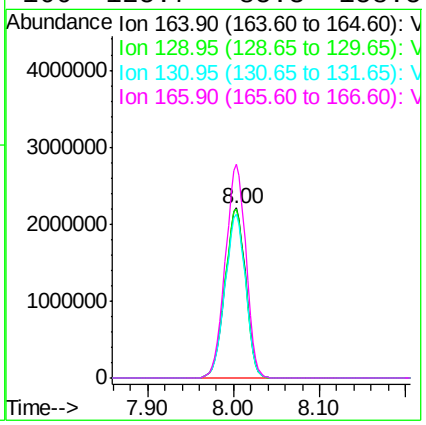


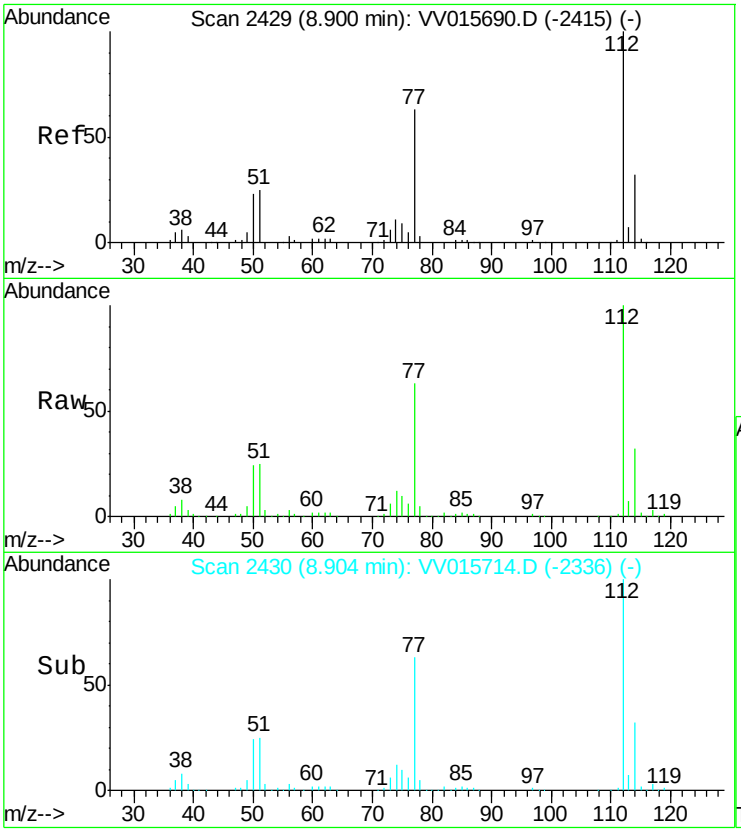


#47
Tetrachloroethene
Concen: 511.993 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Tgt Ion:164 Resp: 3666115

Ion	Ratio	Lower	Upper
164	100		
129	99.8	66.7	123.9
131	96.6	66.6	123.6
166	125.7	85.3	158.5





#51
Chlorobenzene
Concen: 5.264 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015714.D
Acq: 25 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MSD

Tgt Ion:112 Resp: 132683

Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.6	40.2
77	62.8	48.9	73.3