Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015704.D
Acq On : 25 Apr 2020 19:24
Operator : SY/MD
Sample : L2413-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKL9

Quant Time: Apr 27 03:35:17 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	120837	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53626	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	26226	4.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.00%			
7) Chloroethane-d5	1.58	69	27572	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.60%			
11) 1,1-Dichloroethene-d2	2.12	63	42696	3.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.80%			
20) 2-Butanone-d5	3.91	46	101555	50.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.16%			
24) Chloroform-d	4.38	84	70007	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.06	65	40922	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.08	84	130053	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.09	67	42841	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.34	98	115663	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	7.65	79	10568	3.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 61.80%			
46) 2-Hexanone-d5	8.11	63	76737	46.00	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.00%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30852	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	44696	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	22837	2.388	ug/L	86
13) Acetone	2.19	43	2712	1.926	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	7056	0.896	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	62228	7.147	ug/L	99
30) Cyclohexane	4.71	56	11504	0.819	ug/L	99
34) Trichloroethene	5.94	95	6338	0.693	ug/L	91
35) Methylcyclohexane	6.16	83	3573	0.254	ug/L #	85
47) Tetrachloroethene	8.00	164	2318	0.352	ug/L	89

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

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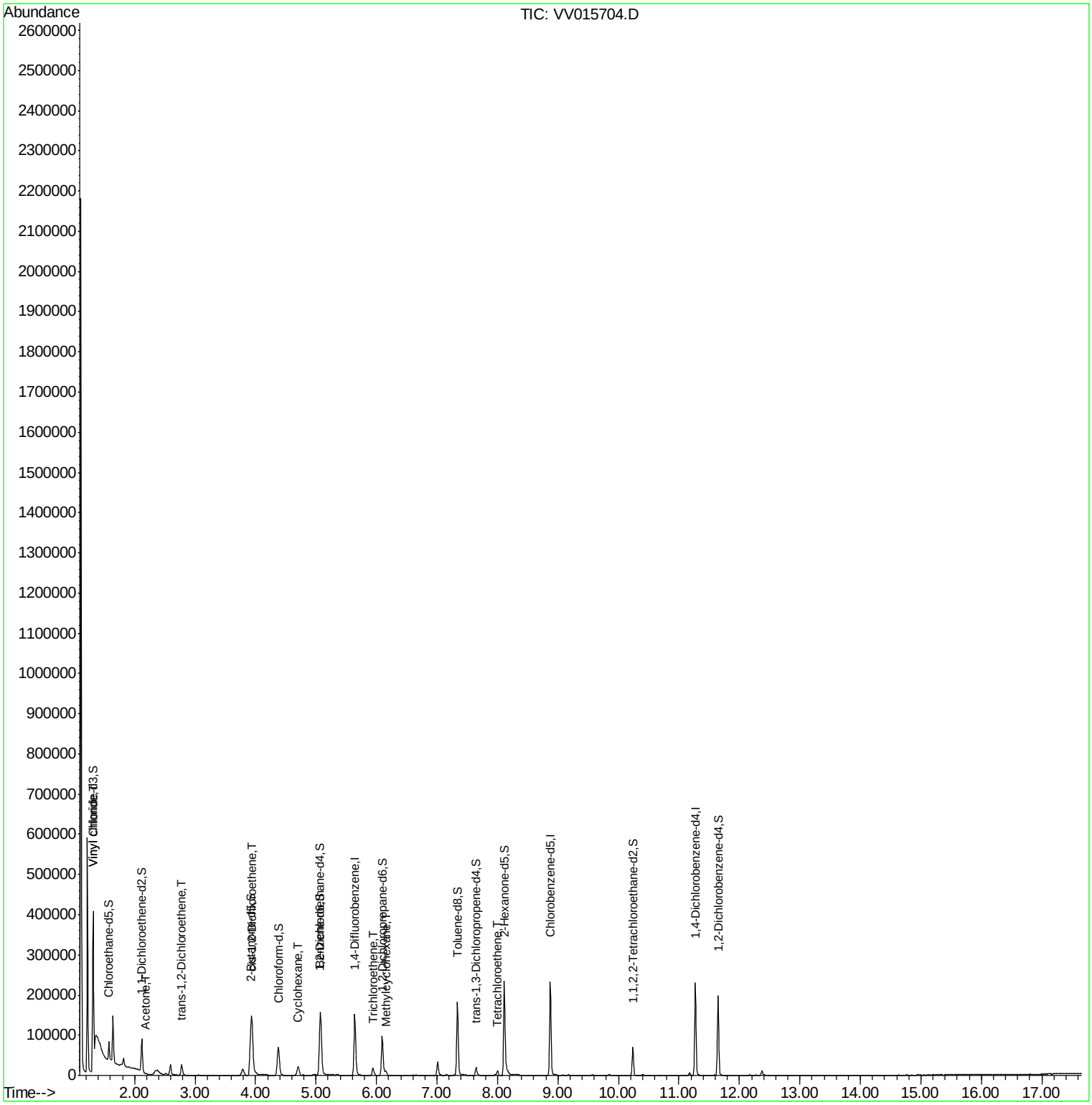
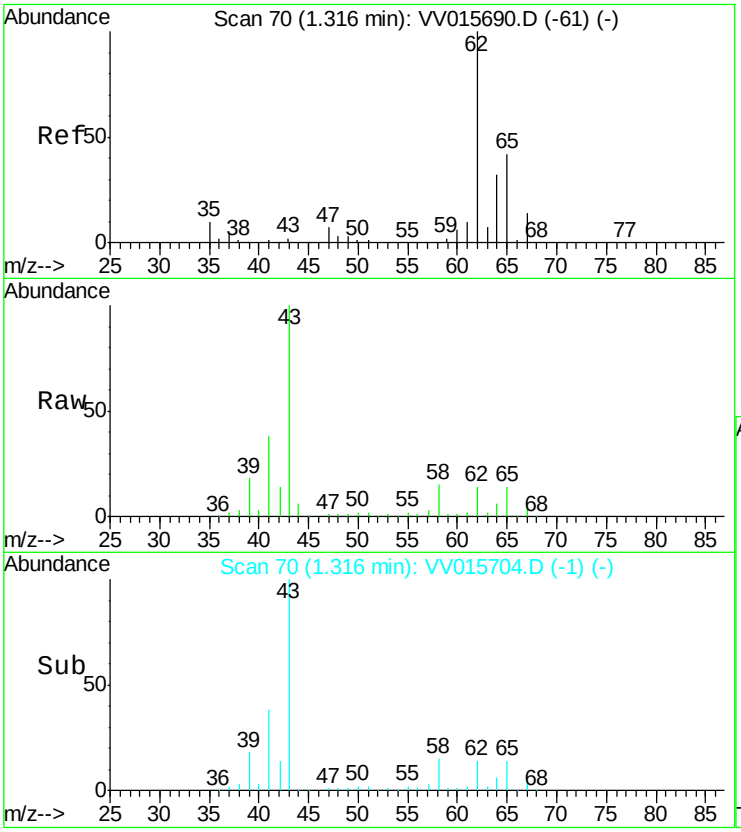
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration



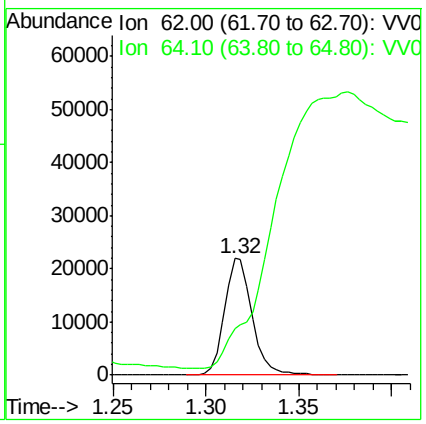


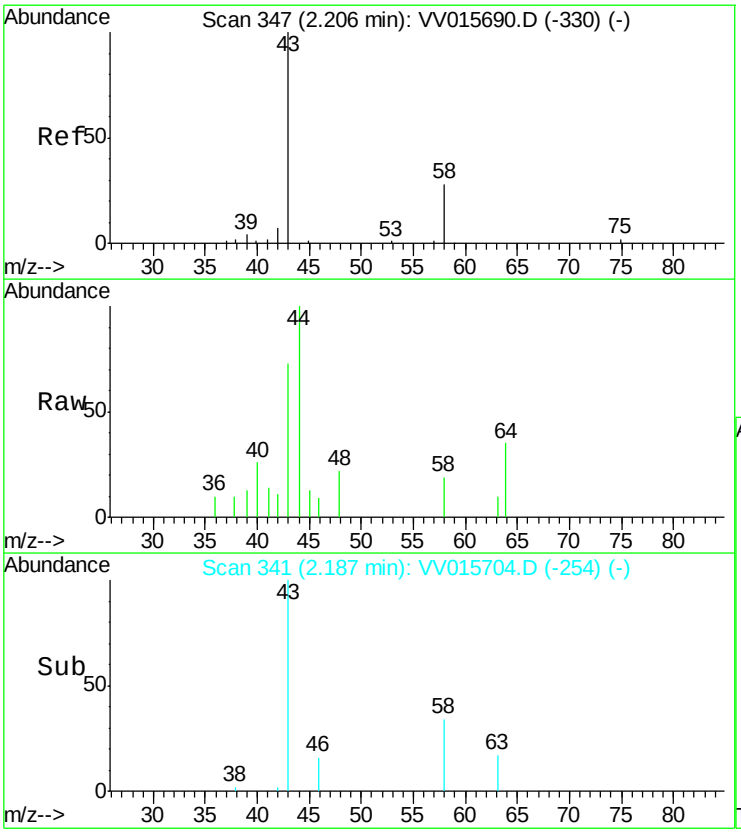
#5
Vinyl chloride
Concen: 2.388 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VV015704.D
Acq: 25 Apr 2020 19:24

Instrument :
MSVOA_V
ClientSampleId :
ETKL9

Tgt Ion: 62 Resp: 22837

Ion	Ratio	Lower	Upper
62	100		
64	40.1	22.7	42.1

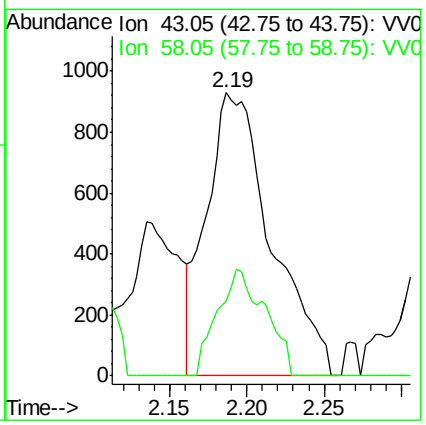


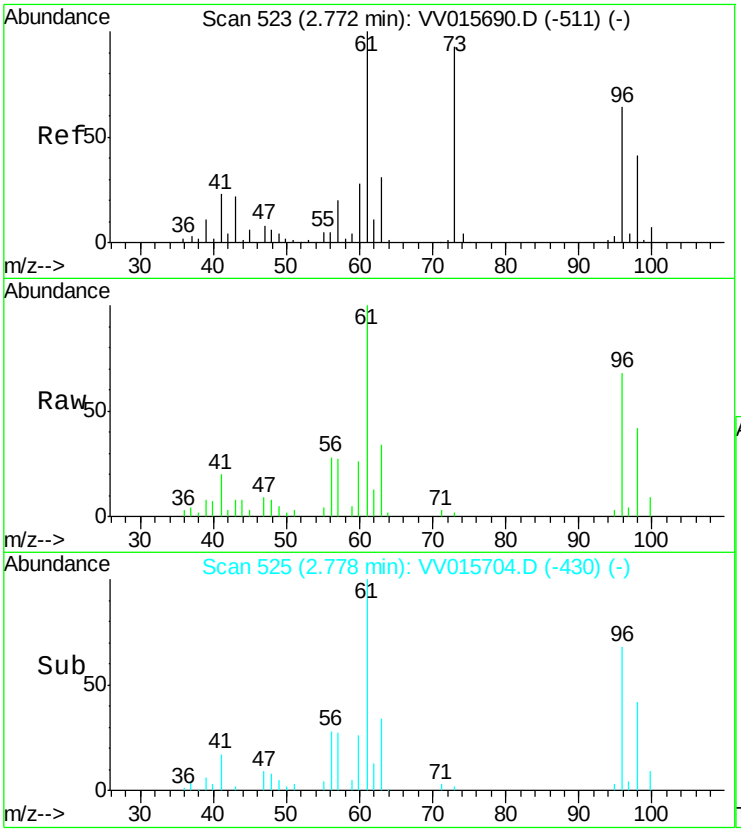


#13
Acetone
Concen: 1.926 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV015704.D
Acq: 25 Apr 2020 19:24

Tgt Ion: 43 Resp: 2712

Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	57.6



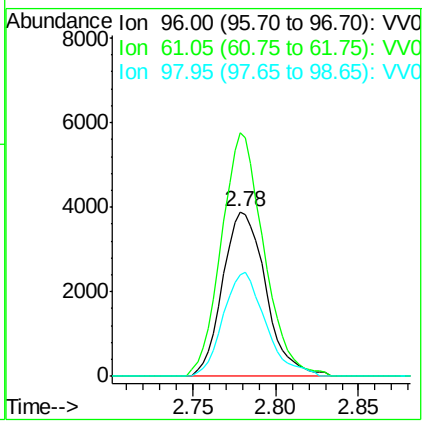


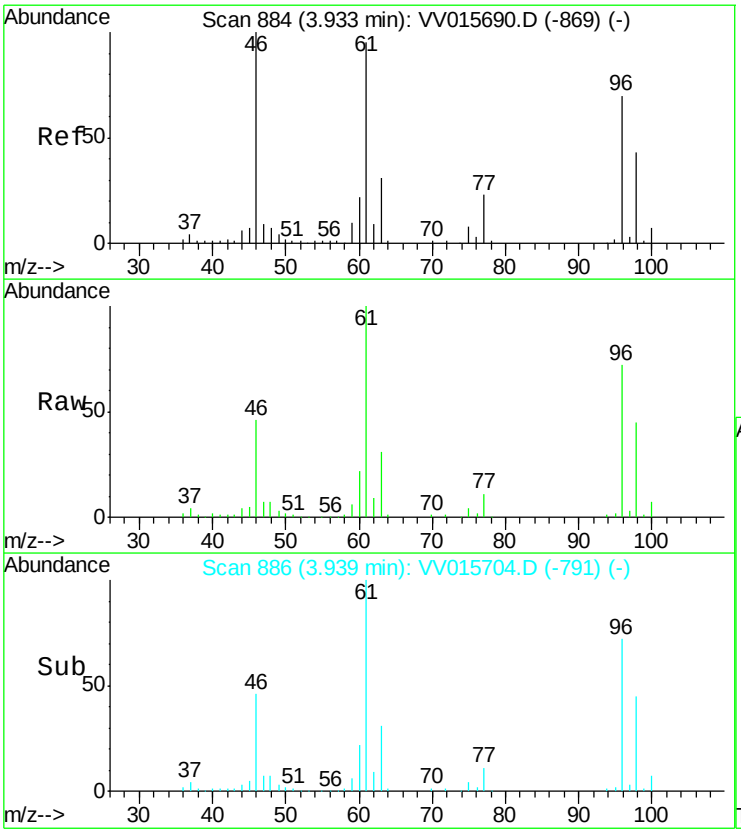
#18
trans-1,2-Dichloroethene
Concen: 0.896 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV015704.D
Acq: 25 Apr 2020 19:24

Instrument :
MSVOA_V
ClientSampleId :
ETKL9

Tgt Ion: 96 Resp: 7056

Ion	Ratio	Lower	Upper
96	100		
61	147.7	105.5	195.9
98	61.9	44.2	82.0

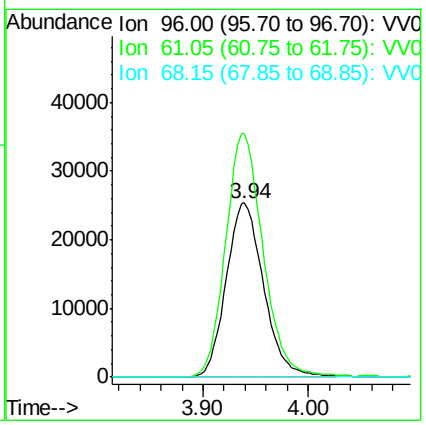


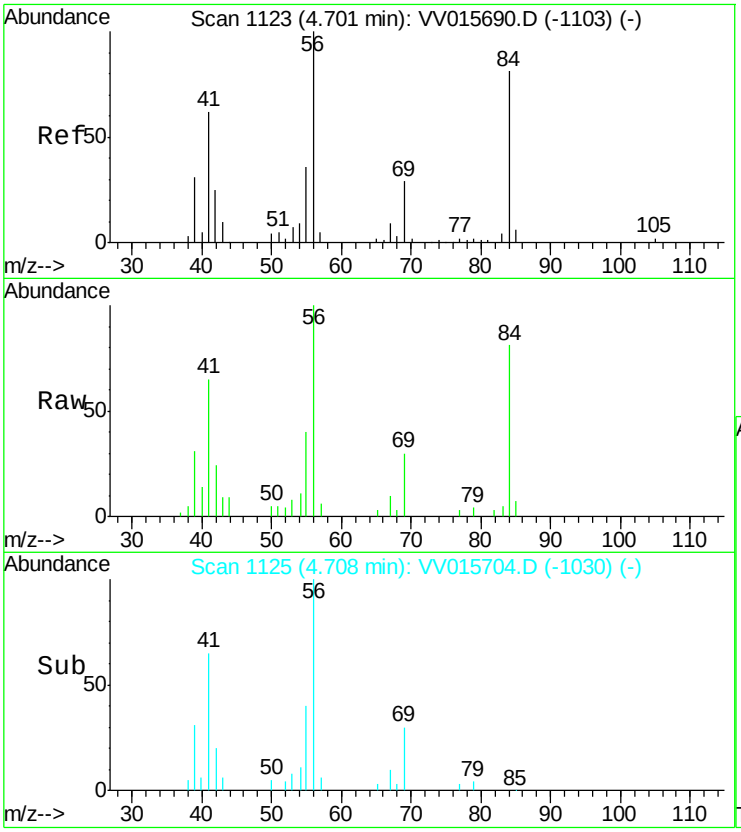


#22
cis-1,2-Dichloroethene
Concen: 7.147 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015704.D
Acq: 25 Apr 2020 19:24

Tgt Ion: 96 Resp: 62228

Ion	Ratio	Lower	Upper
96	100		
61	139.4	96.4	179.0
68	0.0	0.0	0.0



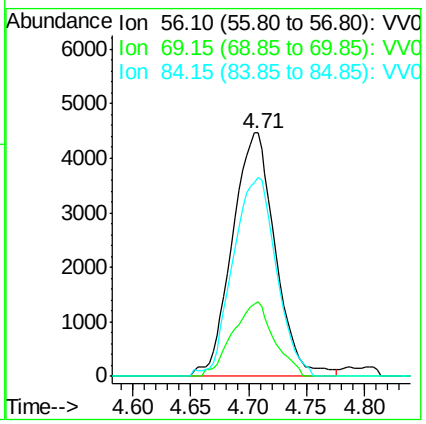


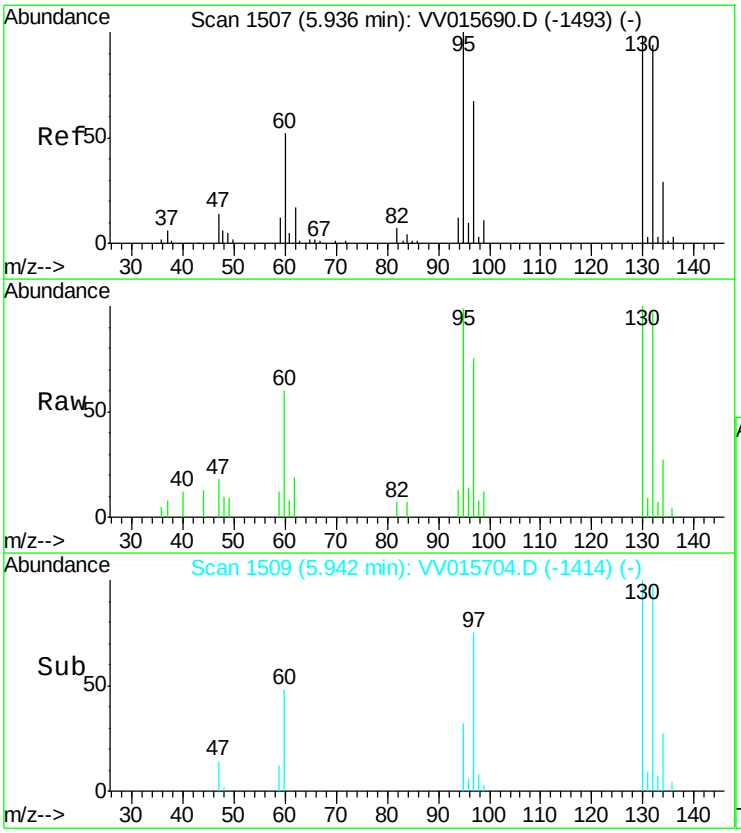
#30
Cyclohexane
Concen: 0.819 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV015704.D
Acq: 25 Apr 2020 19:24

Instrument :
MSVOA_V
ClientSampleId :
ETKL9

Tgt Ion: 56 Resp: 11504

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.9	35.9
84	82.6	66.9	100.3

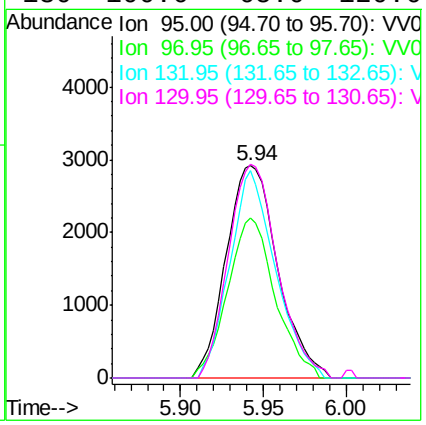


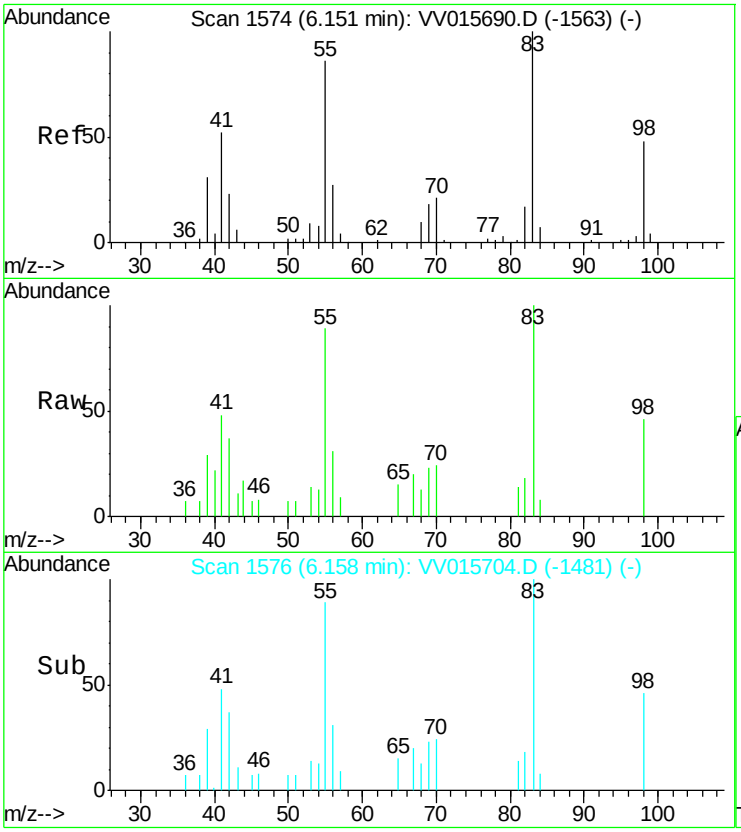


#34
Trichloroethene
Concen: 0.693 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015704.D
Acq: 25 Apr 2020 19:24

Tgt Ion: 95 Resp: 6338

Ion	Ratio	Lower	Upper
95	100		
97	75.6	44.7	82.9
132	97.9	65.2	121.0
130	100.6	65.0	120.6



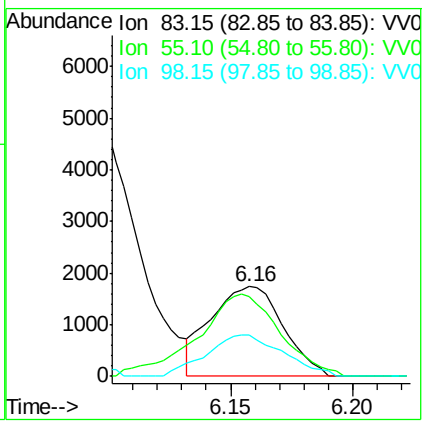


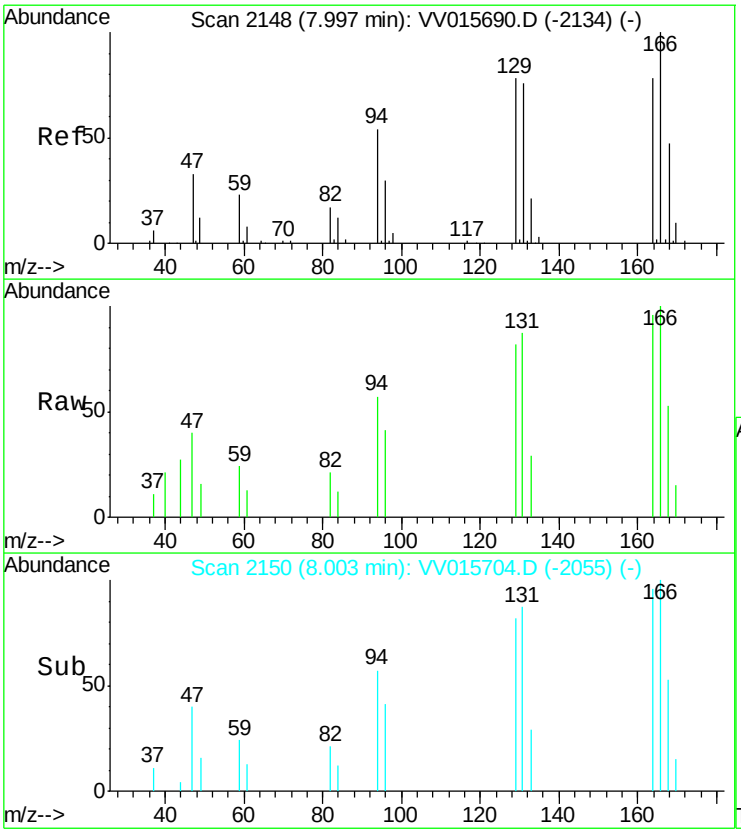
#35
Methylcyclohexane
Concen: 0.254 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VV015704.D
Acq: 25 Apr 2020 19:24

Instrument :
MSVOA_V
ClientSampleId :
ETKL9

Tgt Ion: 83 Resp: 3573

Ion	Ratio	Lower	Upper
83	100		
55	105.0	66.6	99.8#
98	48.9	39.5	59.3





#47
Tetrachloroethene
Concen: 0.352 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV015704.D
Acq: 25 Apr 2020 19:24

Tgt Ion:164 Resp: 2318

Ion	Ratio	Lower	Upper
164	100		
129	85.7	66.7	123.9
131	90.8	66.6	123.6
166	103.9	85.3	158.5