Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015713.D
Acq On : 25 Apr 2020 22:54
Operator : SY/MD
Sample : L2413-20MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKM8MS

Quant Time: May 11 03:42:02 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	125942	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57038	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	36276	5.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.20%			
7) Chloroethane-d5	1.58	69	27741	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.13	63	82306	5.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.20%			
20) 2-Butanone-d5	3.92	46	109390	51.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.52%			
24) Chloroform-d	4.38	84	71043	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.06	65	41395	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.08	84	132044	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.09	67	44829	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.34	98	121234	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	7.64	79	10975	3.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 61.20%			
46) 2-Hexanone-d5	8.11	63	81142	46.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.88%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31862	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.40%			
64) 1,2-Dichlorobenzene-d4	11.65	152	46139	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1448285	145.305	ug/L	100
12) 1,1-Dichloroethene	2.13	96	67348	9.188	ug/L #	85
18) trans-1,2-Dichloroethene	2.78	96	100447	12.239	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	11827020	1303.307	ug/L	95
30) Cyclohexane	4.70	56	10049	0.683	ug/L	96
33) Benzene	5.13	78	195402	5.629	ug/L	100
34) Trichloroethene	5.94	95	2065276	215.451	ug/L	98
35) Methylcyclohexane	6.15	83	4253	0.289	ug/L	94
42) Toluene	7.41	91	205925	5.552	ug/L	99
47) Tetrachloroethene	8.00	164	3758698	544.577	ug/L	97
51) Chlorobenzene	8.90	112	132108	5.437	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
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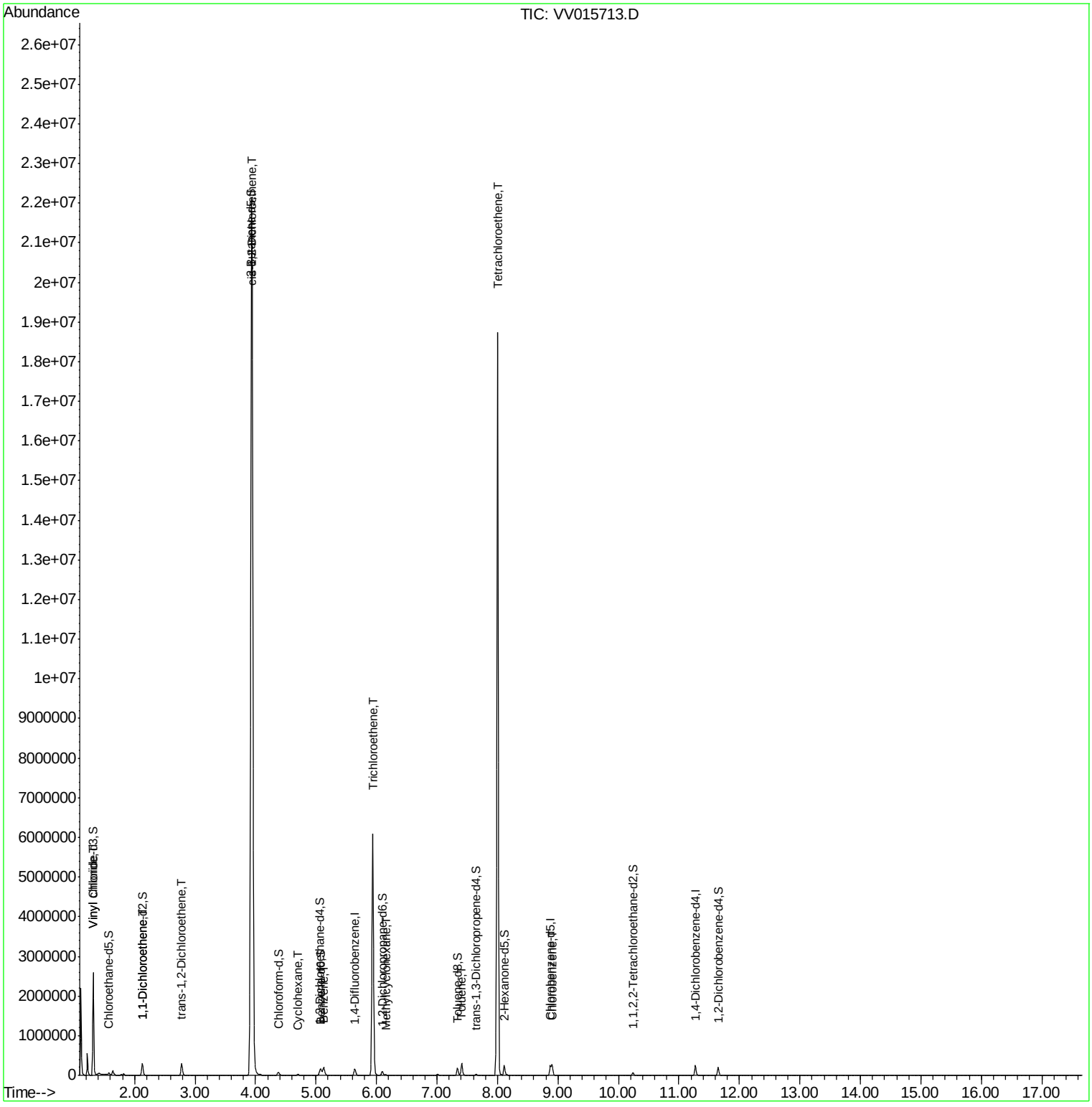
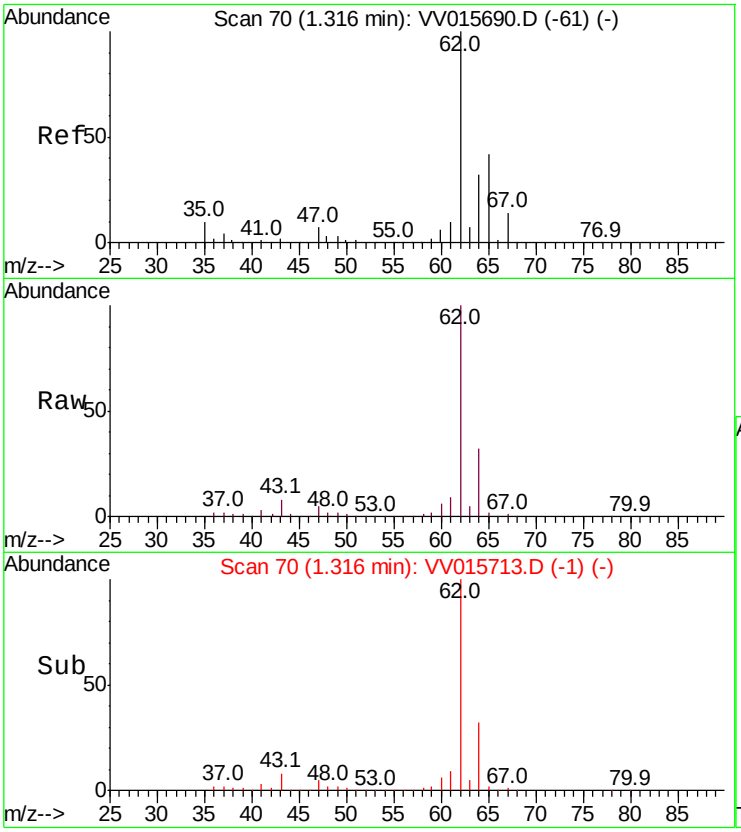
Acq On : 25 Apr 2020 22:54
Operator : SY/MD
Sample : L2413-20MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MS

Quant Time: May 11 03:42:02 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



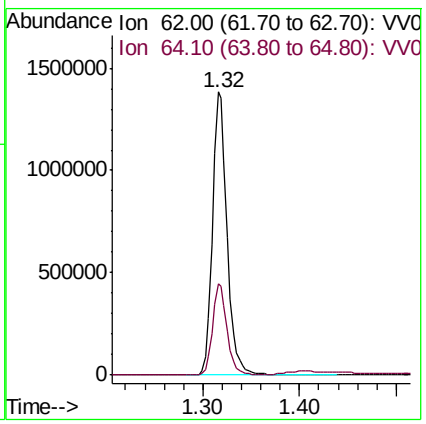


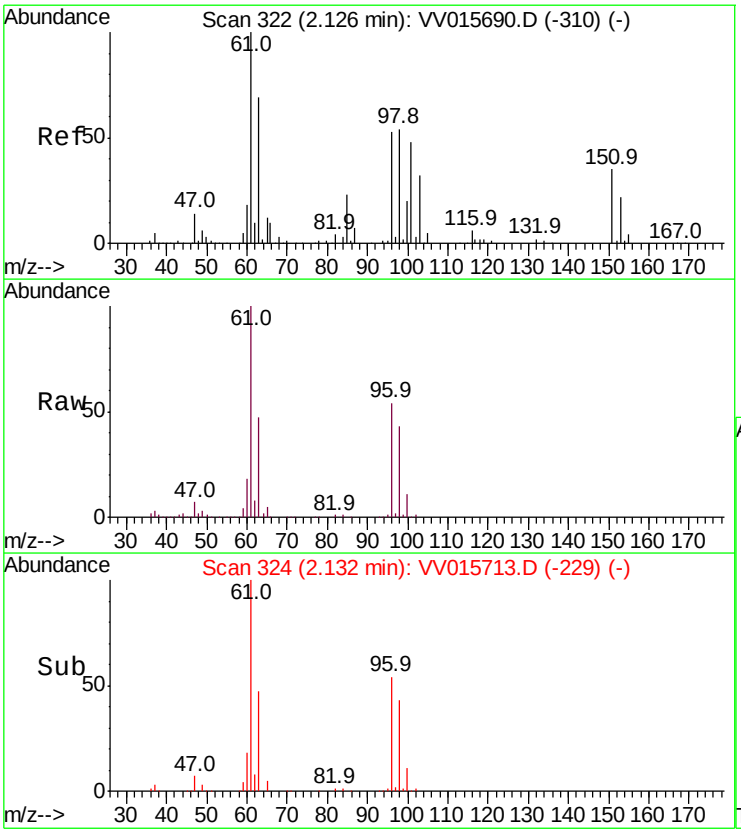
#5
Vinyl chloride
Concen: 145.305 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MS

Tgt Ion: 62 Resp: 1448285

Ion	Ratio	Lower	Upper
62	100		
64	32.1	22.7	42.1

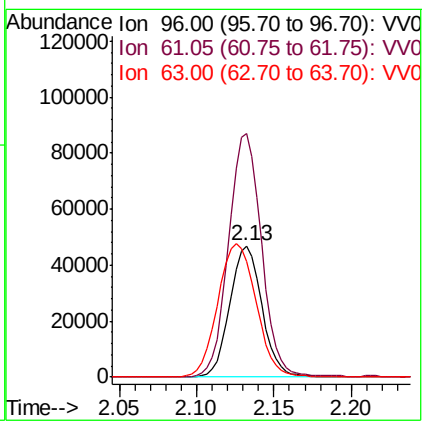


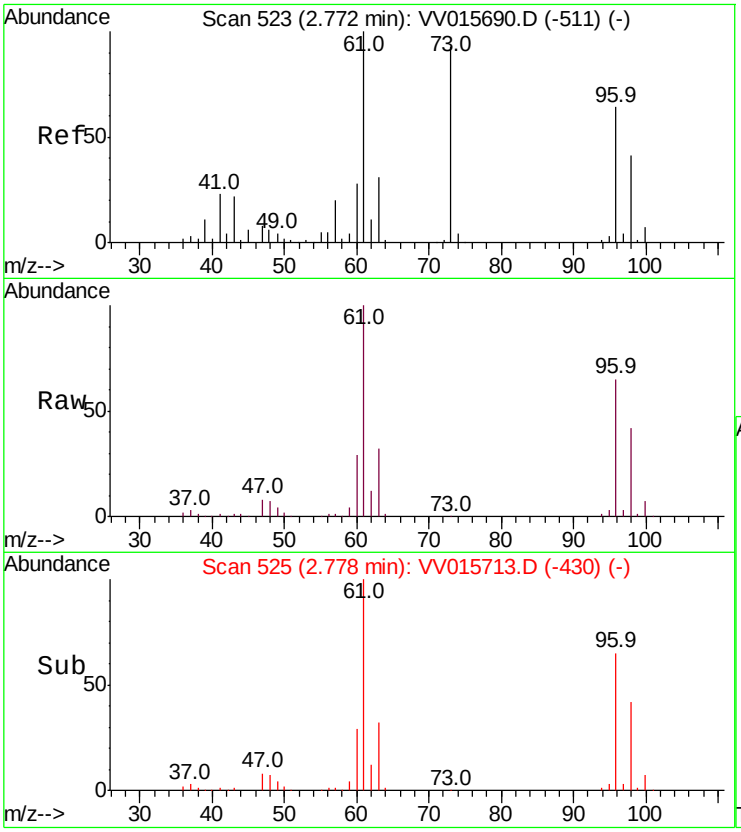


#12
1,1-Dichloroethene
Concen: 9.188 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.01 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Tgt Ion: 96 Resp: 67348

Ion	Ratio	Lower	Upper
96	100		
61	185.3	130.1	241.7
63	87.6	91.4	169.8#



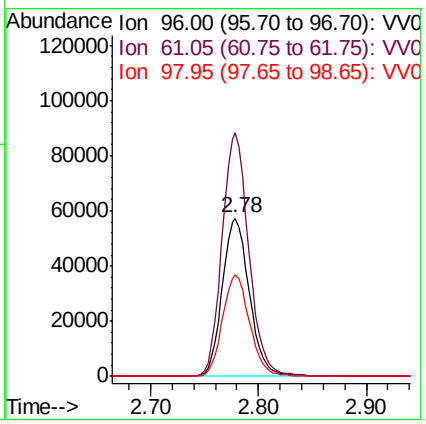


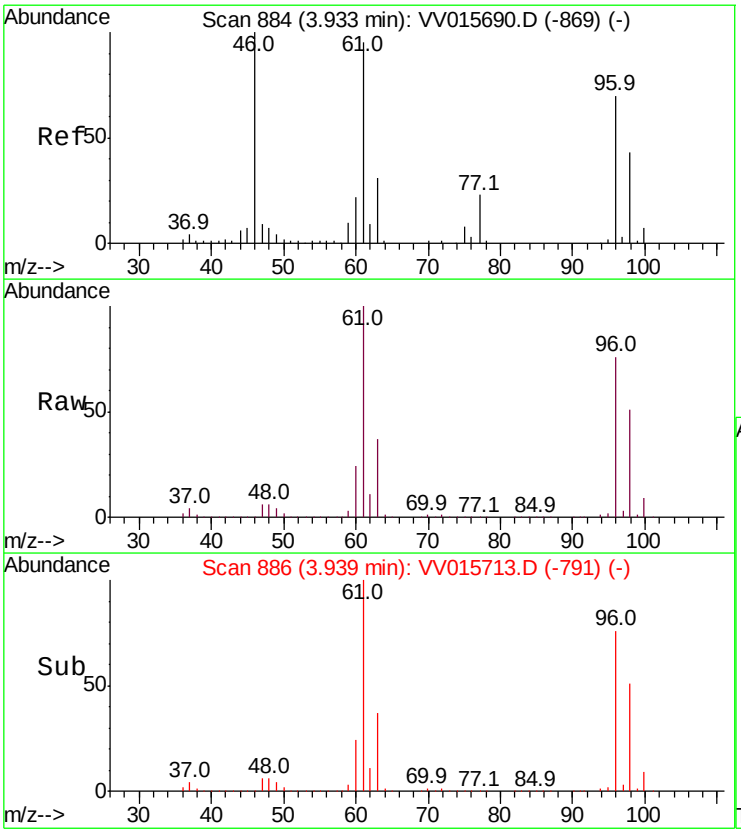
#18
trans-1,2-Dichloroethene
Concen: 12.239 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MS

Tgt Ion: 96 Resp: 100447

Ion	Ratio	Lower	Upper
96	100		
61	154.2	105.5	195.9
98	64.6	44.2	82.0

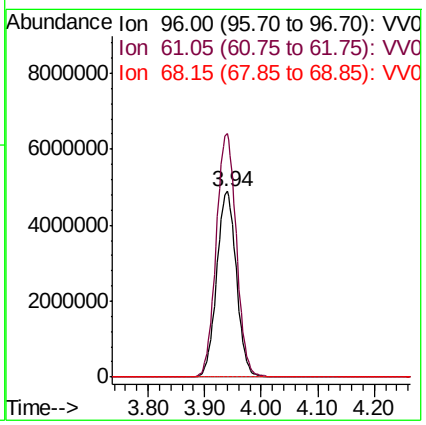


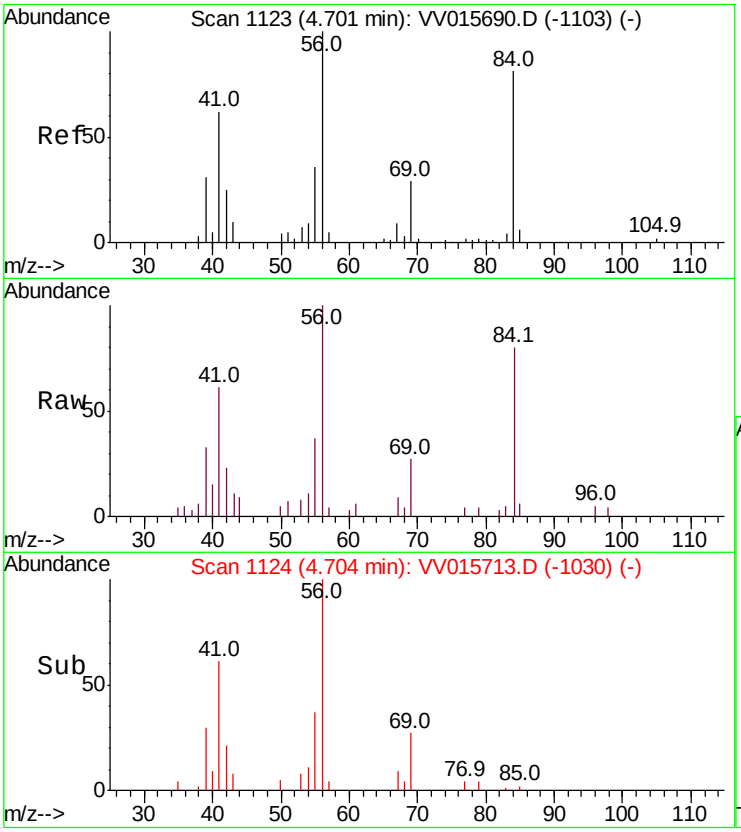


#22
cis-1,2-Dichloroethene
Concen: 1303.307 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Tgt Ion: 96 Resp:11827020

Ion	Ratio	Lower	Upper
96	100		
61	131.3	96.4	179.0
68	0.0	0.0	0.0



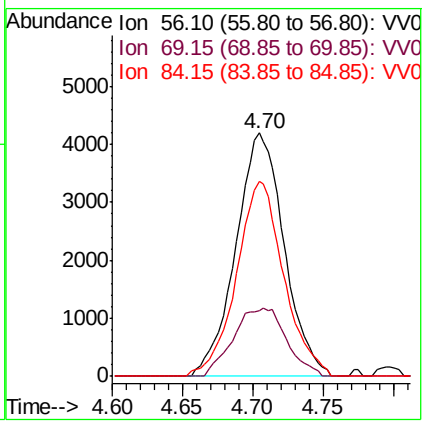


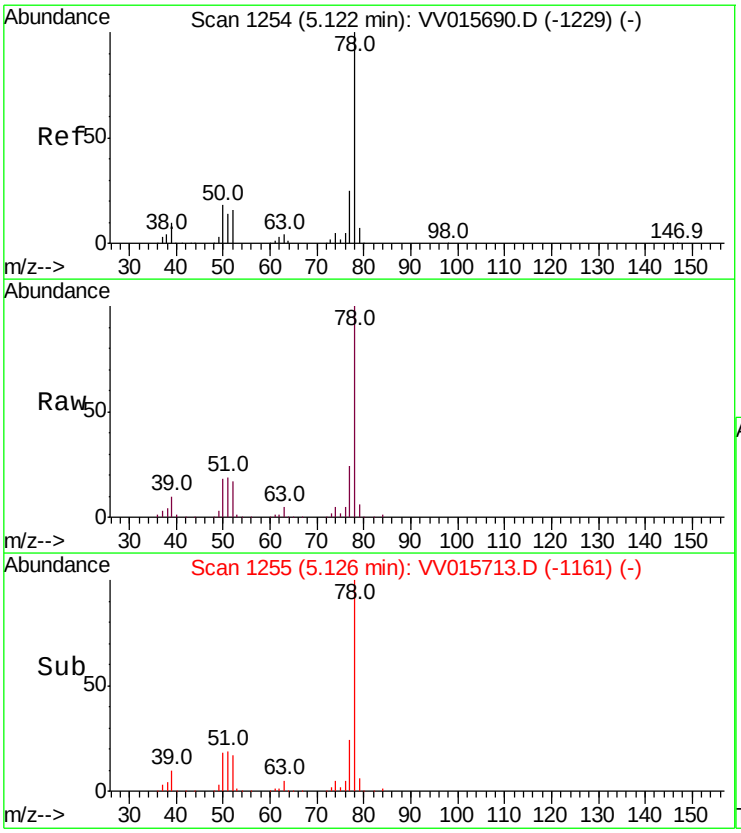
#30
Cyclohexane
Concen: 0.683 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Instrument : MSVOA_V
ClientSampleId : ETKM8MS

Tgt Ion: 56 Resp: 10049

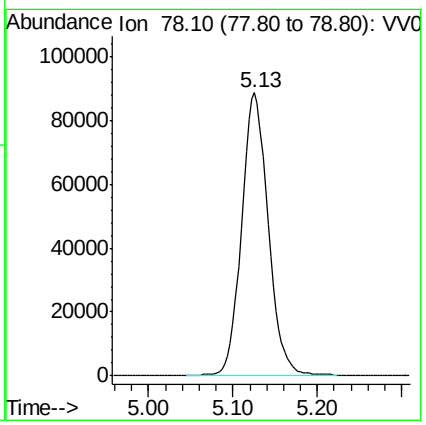
Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.9	35.9
84	78.6	66.9	100.3

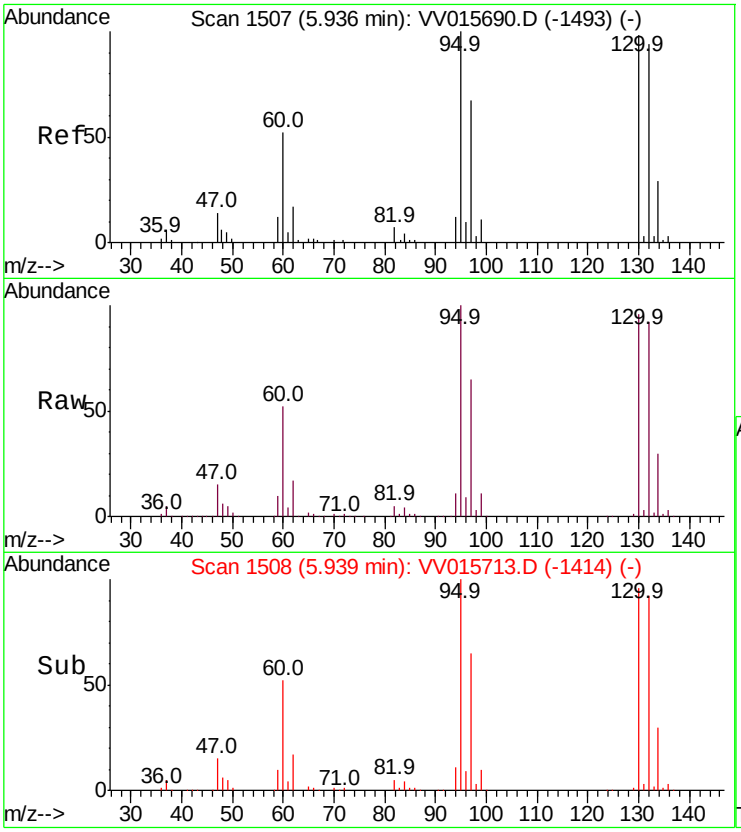




#33
Benzene
Concen: 5.629 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Tgt Ion: 78 Resp: 195402



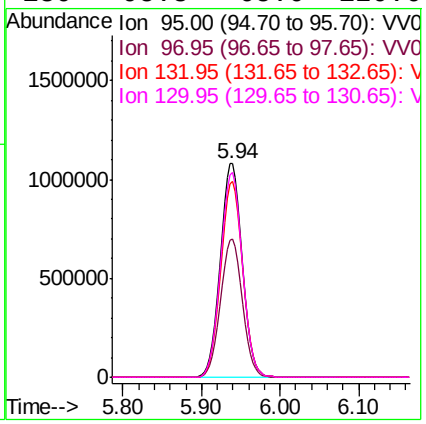


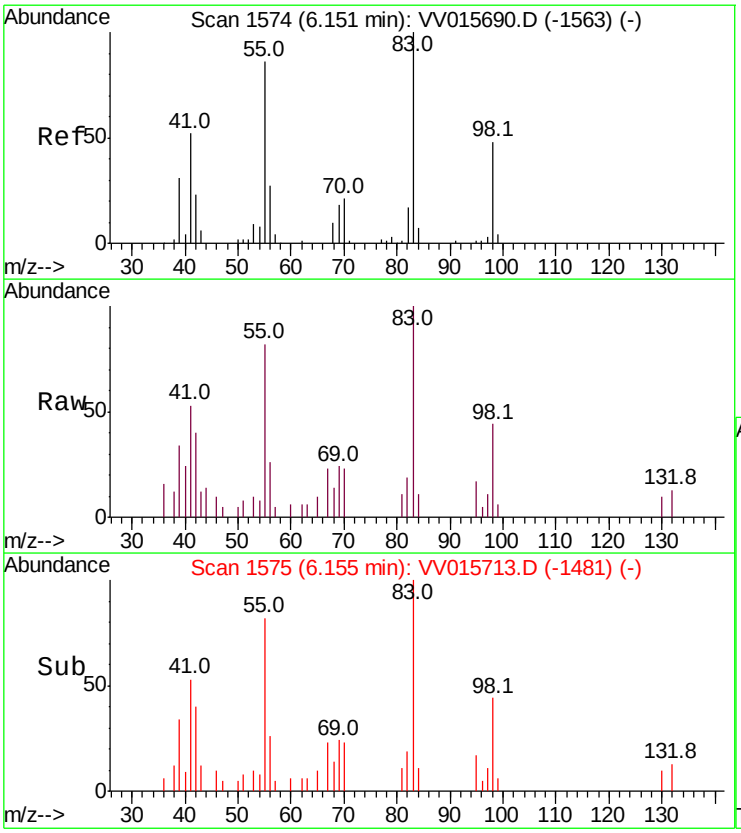
#34
Trichloroethene
Concen: 215.451 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MS

Tgt Ion: 95 Resp: 2065276

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.7	82.9
132	91.8	65.2	121.0
130	95.8	65.0	120.6

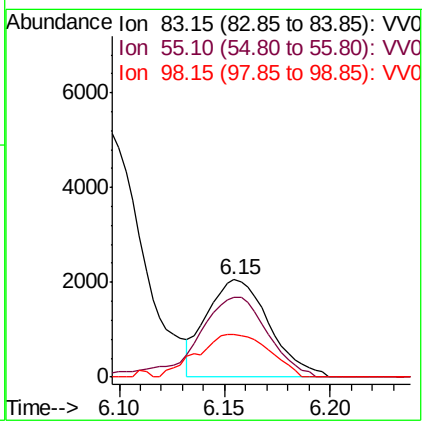


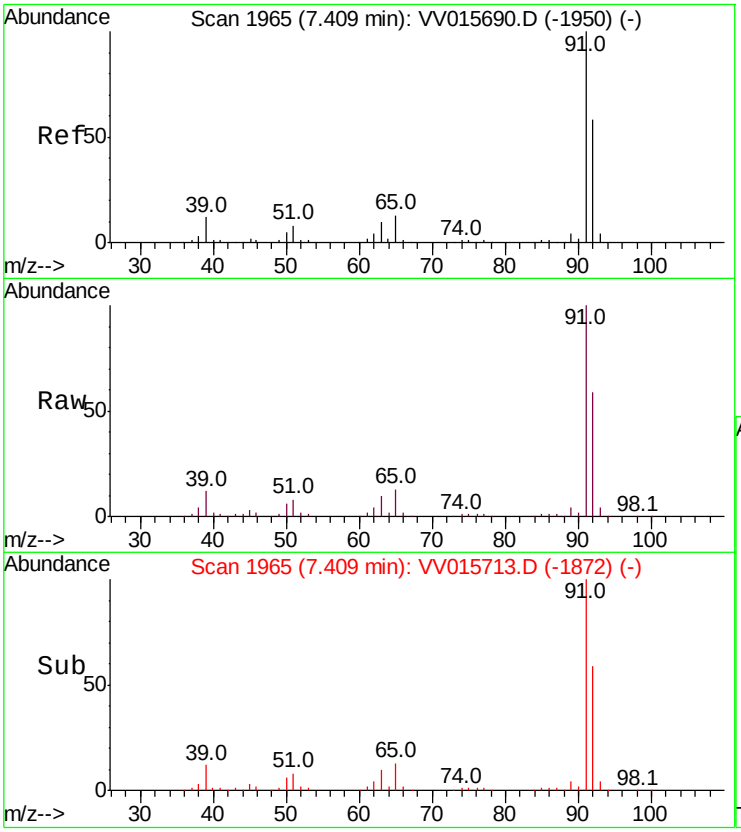


#35
Methylcyclohexane
Concen: 0.289 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Tgt Ion: 83 Resp: 4253

Ion	Ratio	Lower	Upper
83	100		
55	91.7	66.6	99.8
98	50.0	39.5	59.3



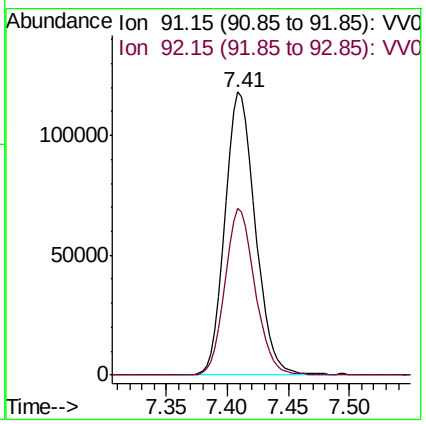


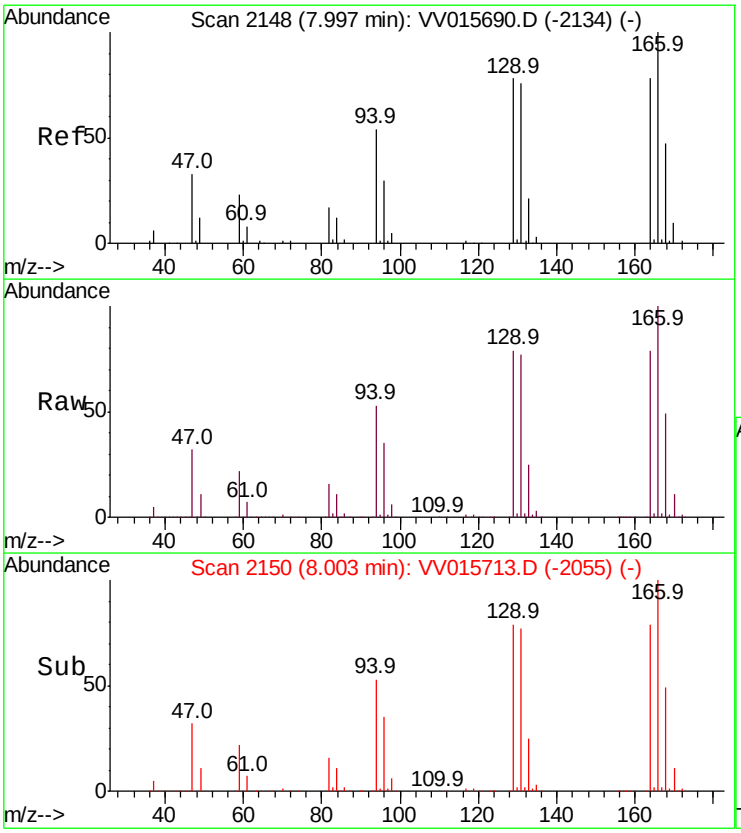
#42
Toluene
Concen: 5.552 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MS

Tgt Ion: 91 Resp: 205925

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.7	75.7

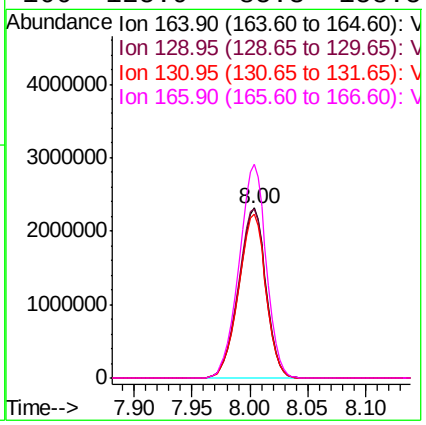


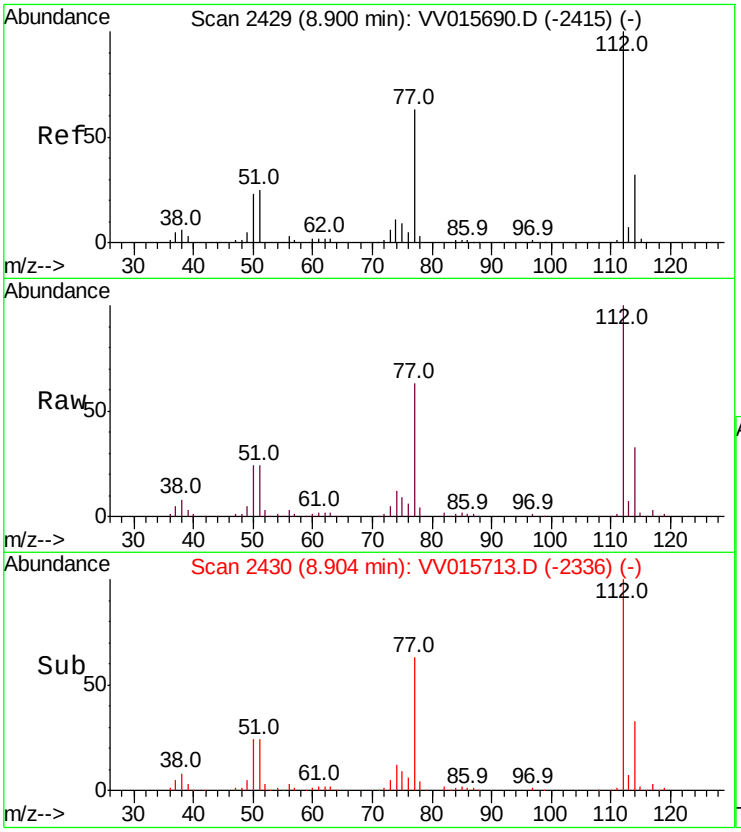


#47
Tetrachloroethene
Concen: 544.577 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Tgt Ion:164 Resp: 3758698

Ion	Ratio	Lower	Upper
164	100		
129	100.0	66.7	123.9
131	96.6	66.6	123.6
166	125.9	85.3	158.5





#51
Chlorobenzene
Concen: 5.437 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015713.D
Acq: 25 Apr 2020 22:54

Instrument :
MSVOA_V
ClientSampleId :
ETKM8MS

Tgt Ion:112 Resp: 132108

Ion	Ratio	Lower	Upper
112	100		
114	33.3	21.6	40.2
77	62.7	48.9	73.3