Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051920\
Data File : VV016119.D
Acq On : 19 May 2020 13:55
Operator : SY/MD
Sample : L2661-12MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4257MSD

Quant Time: May 20 02:23:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 20 01:20:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145765	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	146485	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66233	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36199	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.58	69	37874	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.13	63	80970	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	3.96	46	130220	57.73	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.46%			
24) Chloroform-d	4.38	84	84371	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.06	65	50822	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.08	84	164965	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.10	67	53266	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.34	98	144423	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
45) trans-1,3-Dichloropropene-	7.65	79	18306	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
48) 2-Hexanone-d5	8.12	63	93896	51.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.38%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39868	5.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	55656	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	41975	5.233	ug/L	85
17) Methyl tert-butyl Ether	2.79	73	3013	0.145	ug/L #	88
25) Chloroform	4.41	83	9679	0.515	ug/L	96
33) Benzene	5.13	78	203731	5.528	ug/L	100
34) Trichloroethene	5.94	95	55491	5.275	ug/L	96
42) Toluene	7.41	91	215931	5.527	ug/L	99
49) Tetrachloroethene	8.00	164	28649	3.903	ug/L	98
53) Chlorobenzene	8.90	112	146700	5.839	ug/L	100

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 20 01:20:41 2020
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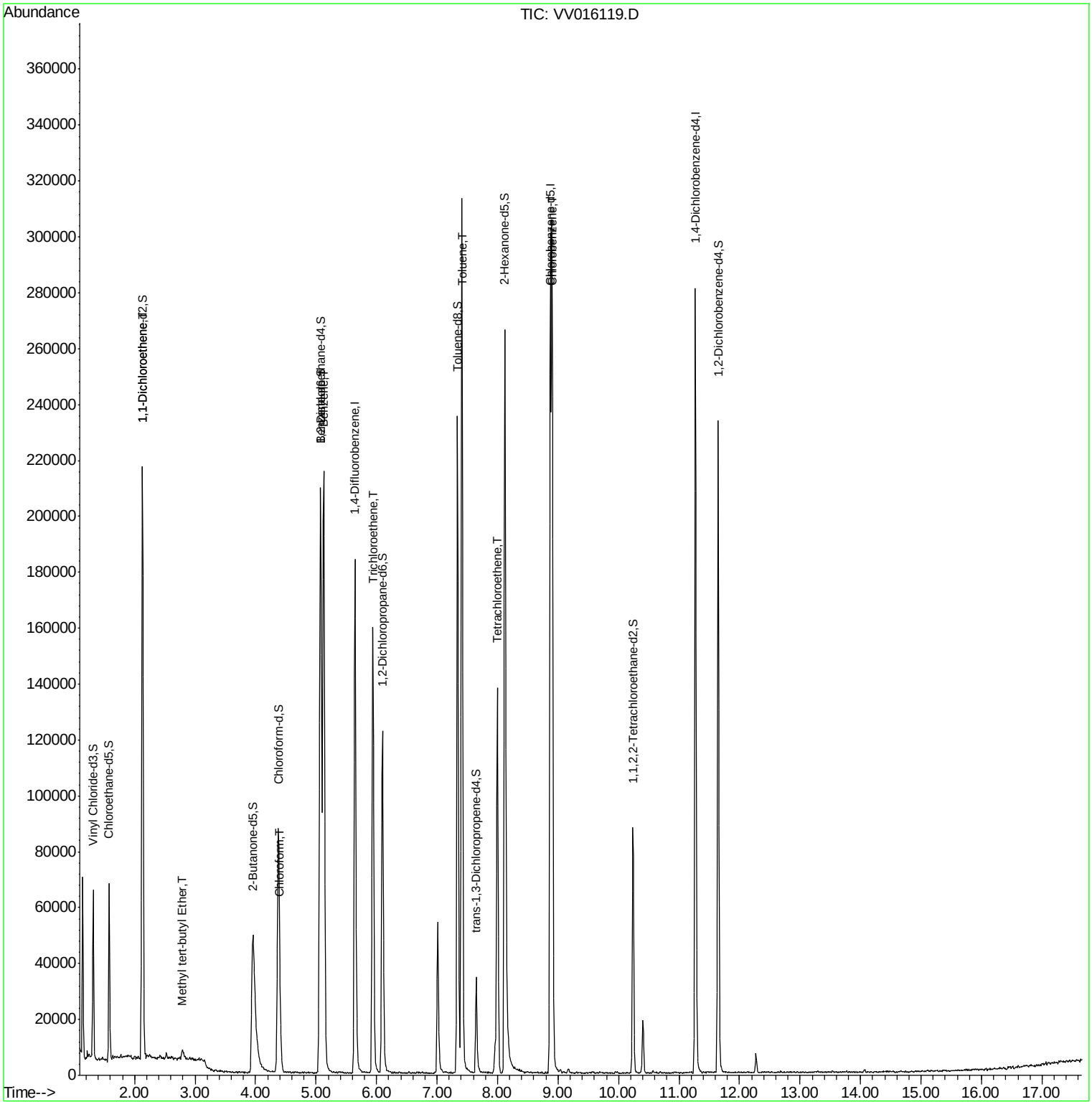
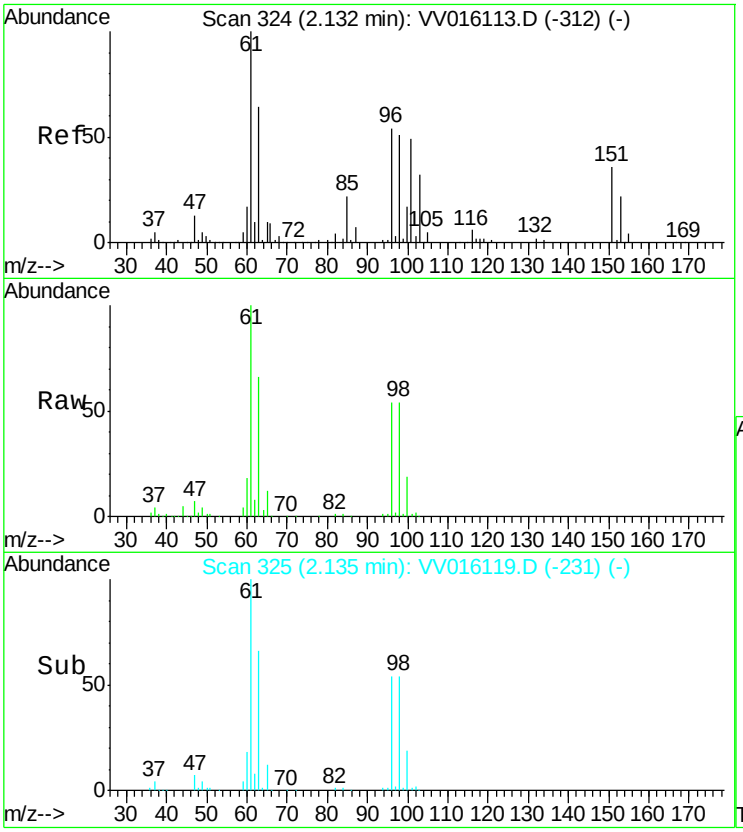


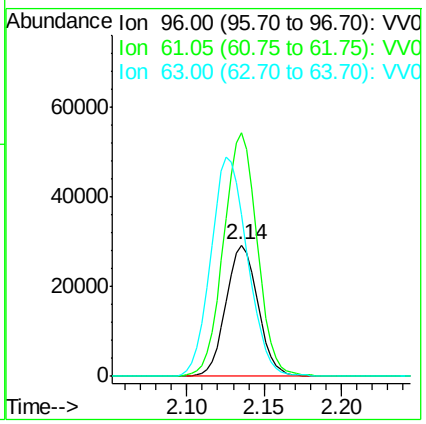


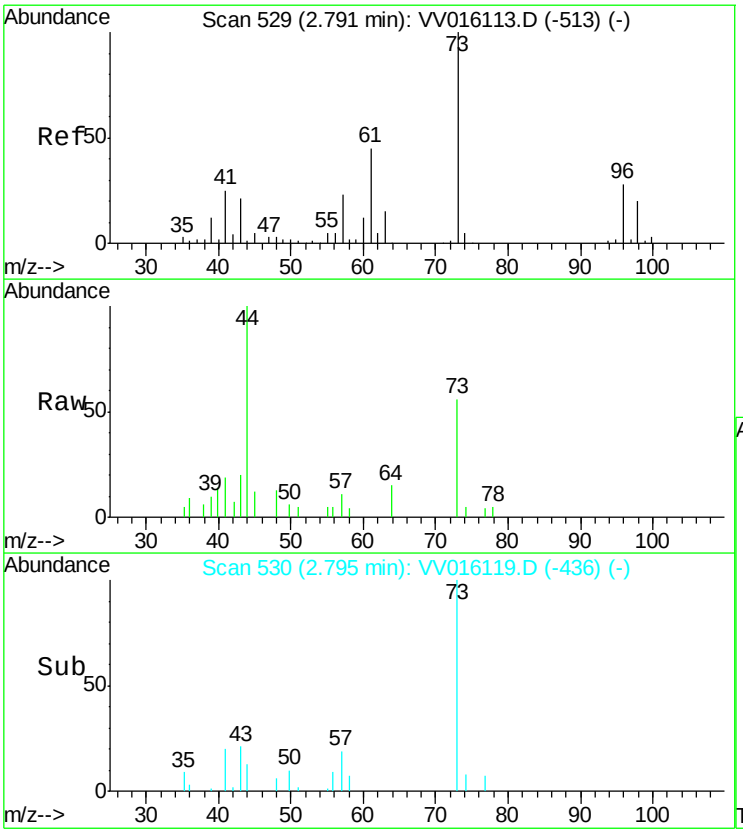
#12
1,1-Dichloroethene
Concen: 5.233 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV016119.D
Acq: 19 May 2020 13:55

Instrument :
MSVOA_V
ClientSampleId :
H4257MSD

Tgt Ion: 96 Resp: 41975

Ion	Ratio	Lower	Upper
96	100		
61	185.8	139.9	259.7
63	123.2	106.4	197.6

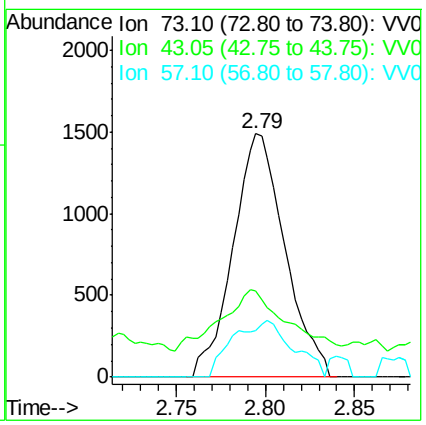


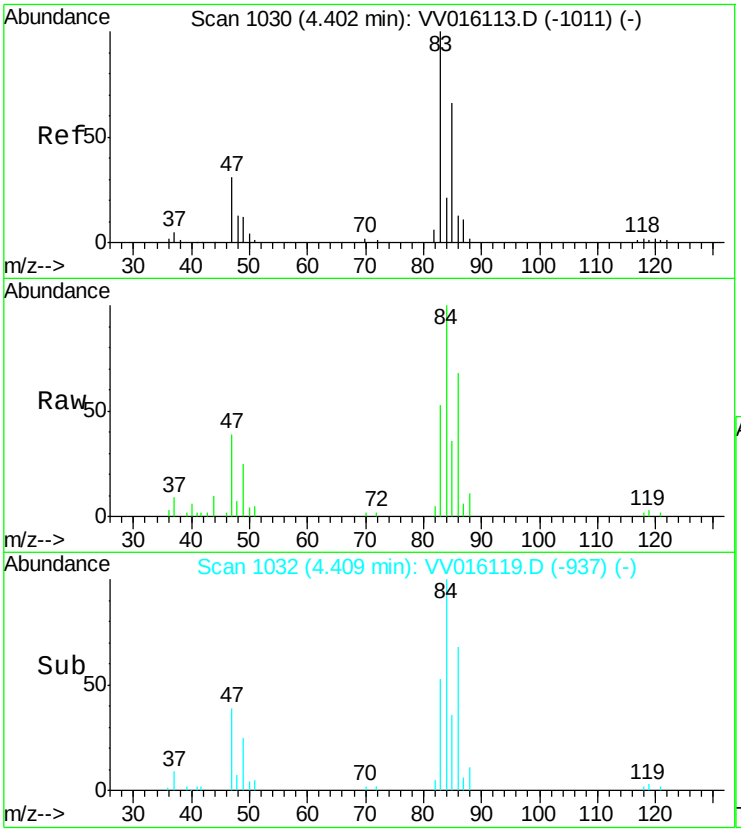


#17
Methyl tert-butyl Ether
Concen: 0.145 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV016119.D
Acq: 19 May 2020 13:55

Tgt Ion: 73 Resp: 3013

Ion	Ratio	Lower	Upper
73	100		
43	30.8	18.8	28.2#
57	26.7	17.8	26.6#



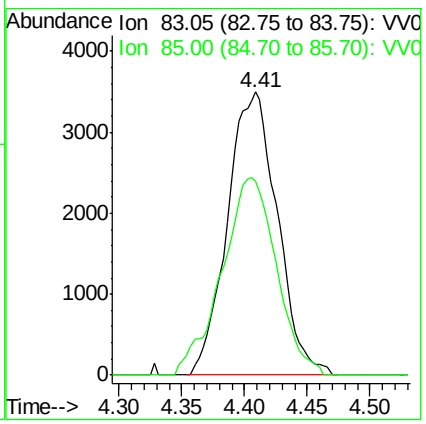


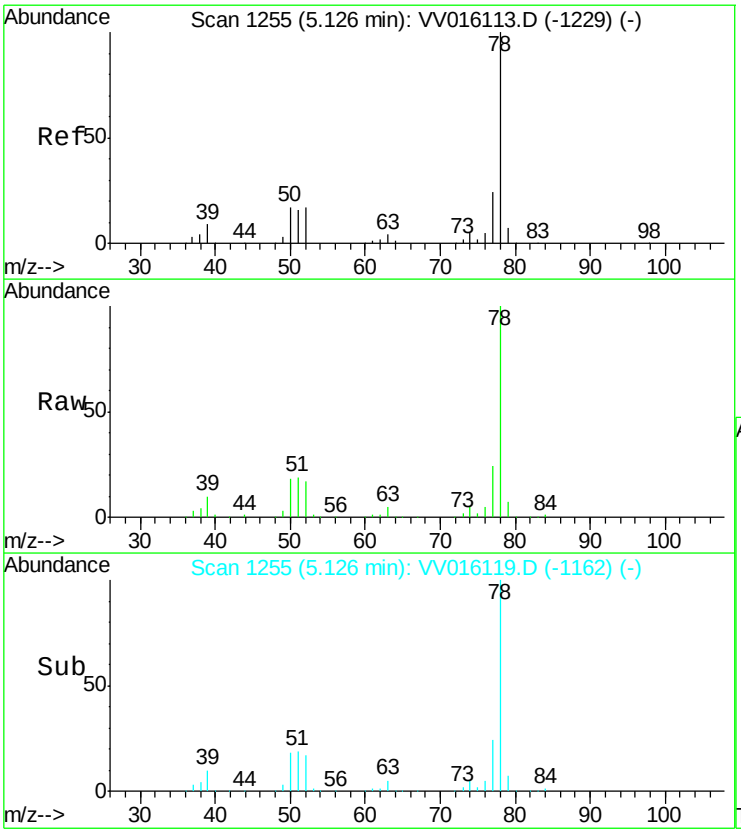
#25
Chloroform
Concen: 0.515 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016119.D
Acq: 19 May 2020 13:55

Instrument : MSVOA_V
ClientSampleId : H4257MSD

Tgt Ion: 83 Resp: 9679

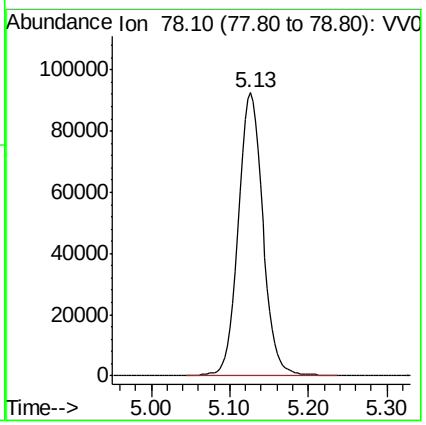
Ion	Ratio	Lower	Upper
83	100		
85	68.4	45.7	84.9

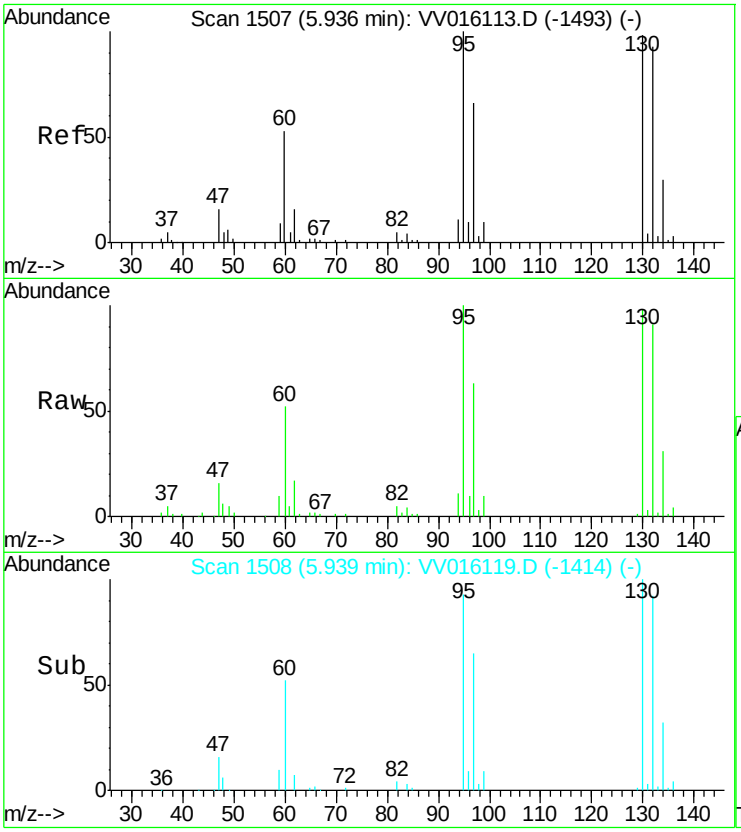




#33
Benzene
Concen: 5.528 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV016119.D
Acq: 19 May 2020 13:55

Tgt Ion: 78 Resp: 203731



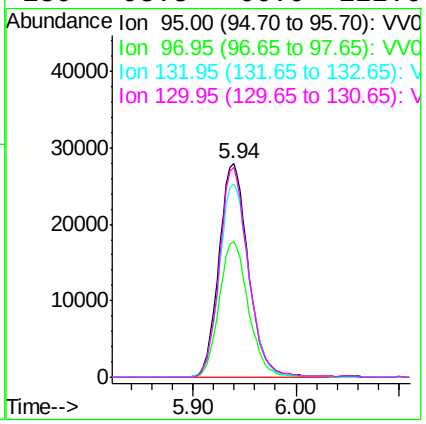


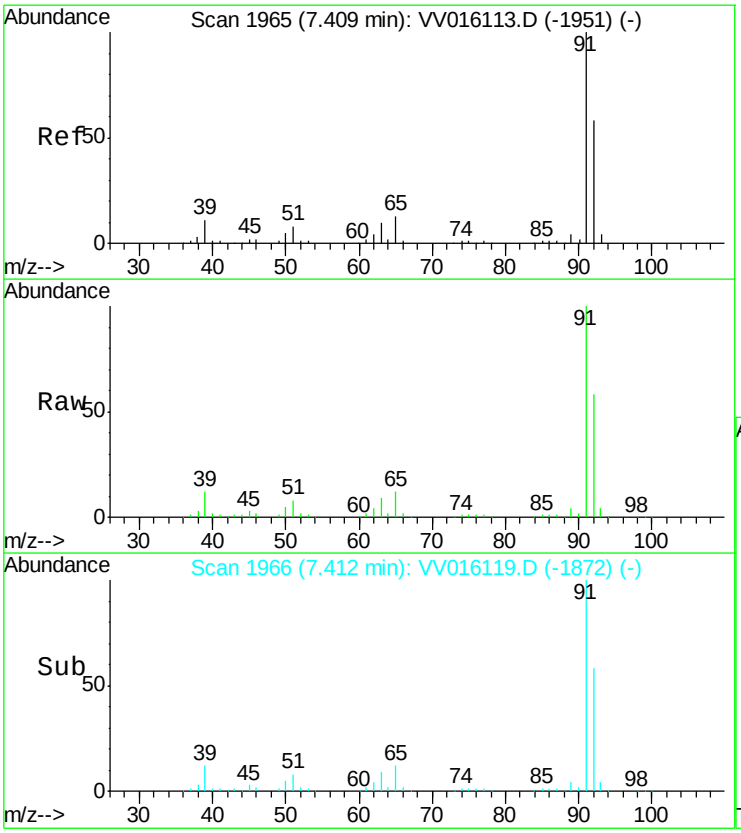
#34
Trichloroethene
Concen: 5.275 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016119.D
Acq: 19 May 2020 13:55

Instrument :
MSVOA_V
ClientSampleId :
H4257MSD

Tgt Ion: 95 Resp: 55491

Ion	Ratio	Lower	Upper
95	100		
97	63.5	43.3	80.5
132	90.8	60.3	112.1
130	98.3	66.0	122.6

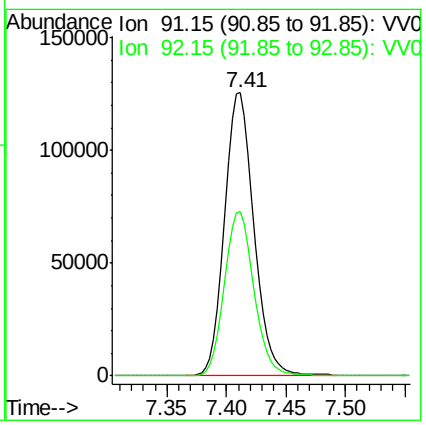


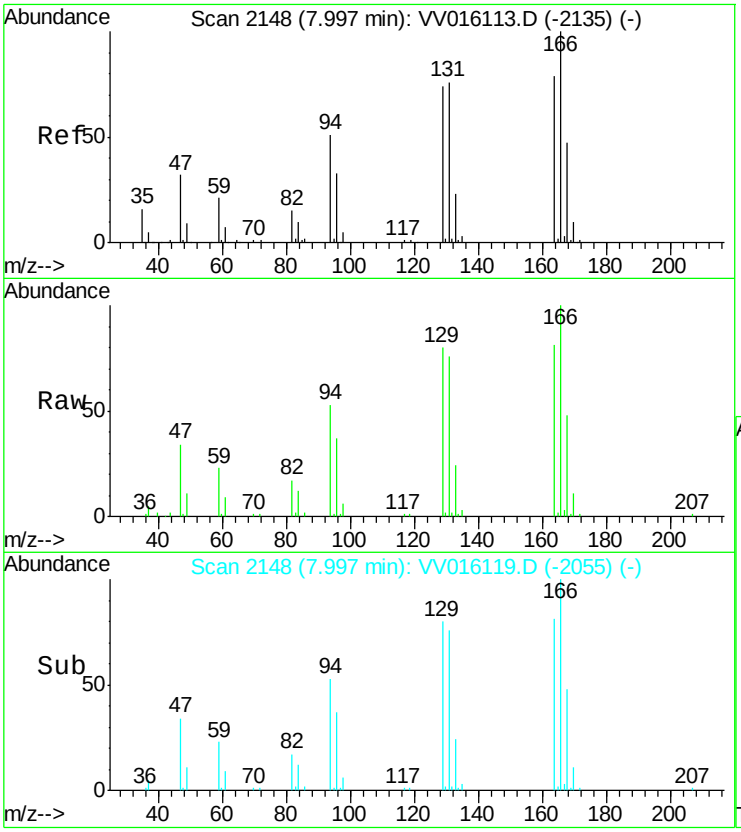


#42
Toluene
Concen: 5.527 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016119.D
Acq: 19 May 2020 13:55

Tgt Ion: 91 Resp: 215931

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.1	74.5



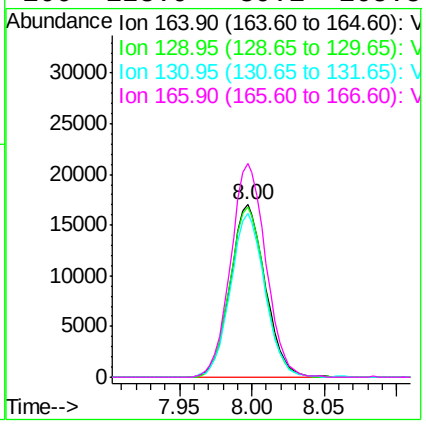


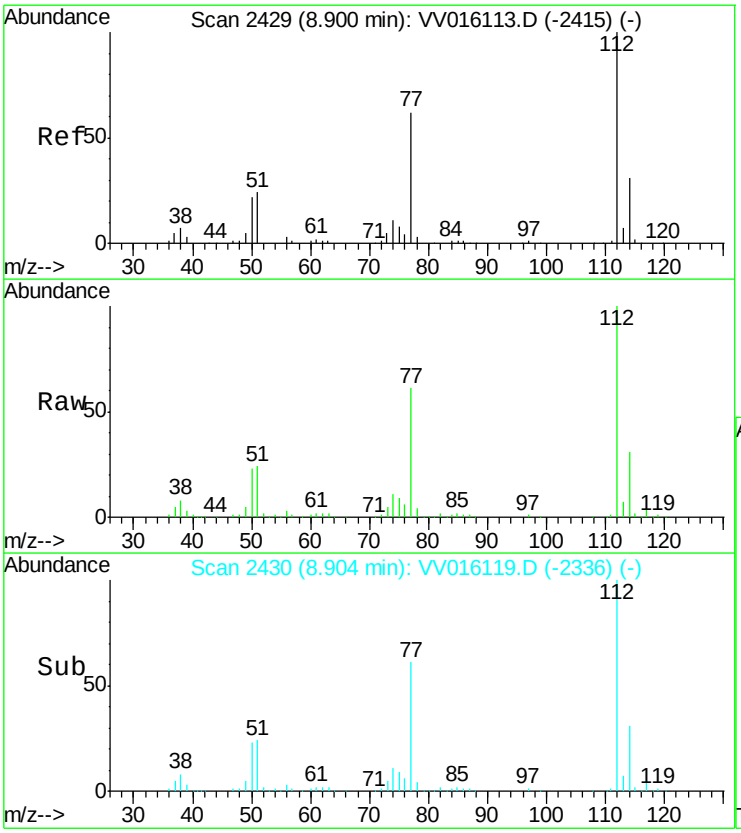
#49
Tetrachloroethene
Concen: 3.903 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV016119.D
Acq: 19 May 2020 13:55

Instrument :
MSVOA_V
ClientSampleId :
H4257MSD

Tgt Ion:164 Resp: 28649

Ion	Ratio	Lower	Upper
164	100		
129	98.9	69.7	129.4
131	94.8	66.8	124.2
166	123.9	89.1	165.5





#53
Chlorobenzene
Concen: 5.839 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016119.D
Acq: 19 May 2020 13:55

Tgt Ion:112 Resp: 146700

Ion	Ratio	Lower	Upper
112	100		
114	31.3	21.6	40.0
77	60.8	48.6	73.0