Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016280.D
Acq On : 28 May 2020 16:34
Operator : SY/MD
Sample : L2755-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAXD9

Quant Time: May 29 02:35:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88312	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85362	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38214	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22856	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.58	69	21974	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.13	63	34231	3.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.20%			
20) 2-Butanone-d5	3.94	46	77126	54.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.64%			
24) Chloroform-d	4.38	84	51389	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.06	65	30325	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.08	84	101482	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.10	67	33187	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.34	98	91127	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
45) trans-1,3-Dichloropropene-	7.65	79	10856	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
48) 2-Hexanone-d5	8.12	63	56623	50.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.26%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23791	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	32623	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	2.78	96	943	0.165	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	1901	0.282	ug/L	90
25) Chloroform	4.41	83	4386	0.383	ug/L	99
33) Benzene	5.13	78	4660	0.190	ug/L	100
34) Trichloroethene	5.94	95	5546	0.867	ug/L	87
42) Toluene	7.42	91	2341	0.087	ug/L	92
49) Tetrachloroethene	8.00	164	83686	18.215	ug/L	99

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
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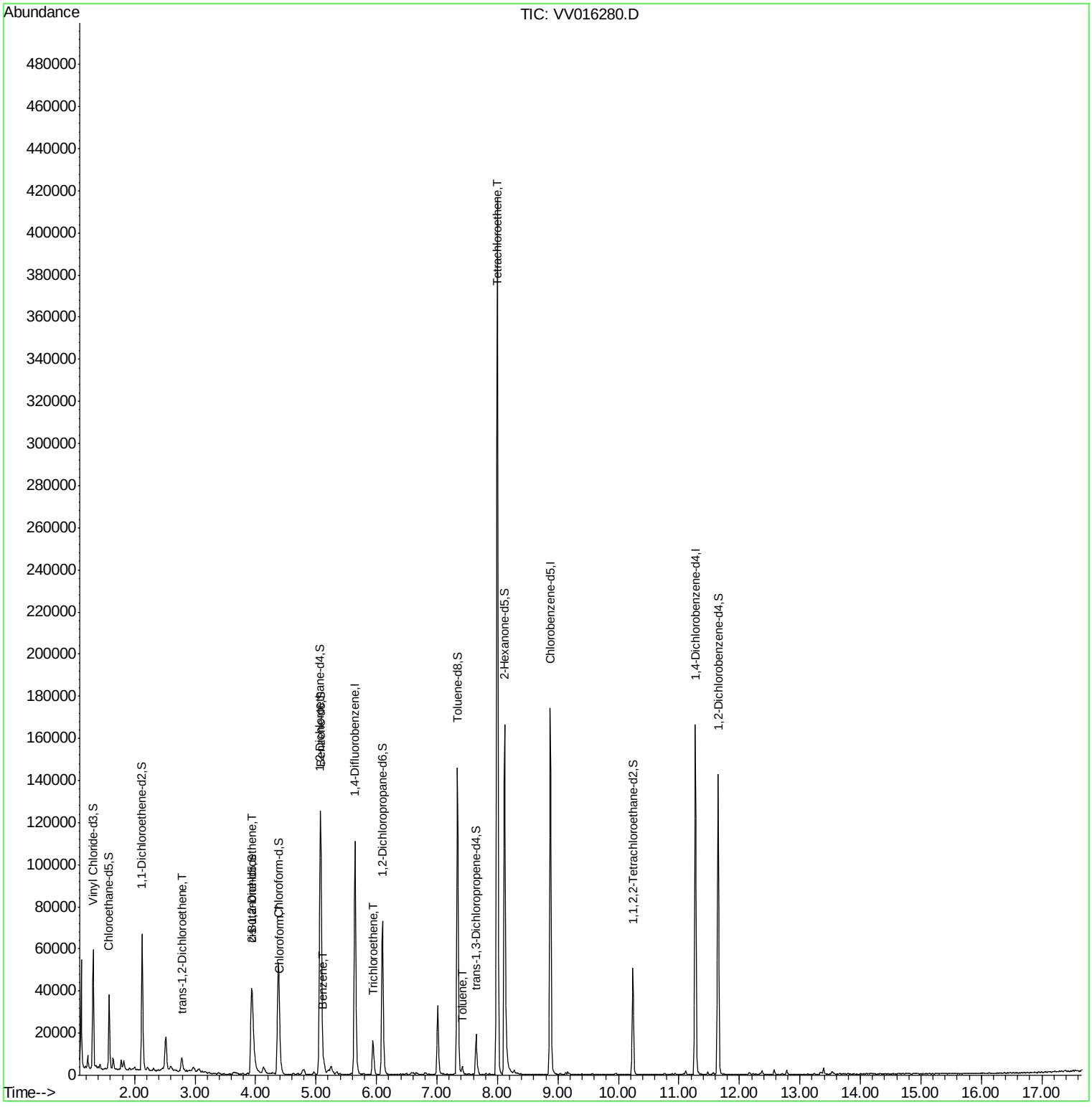
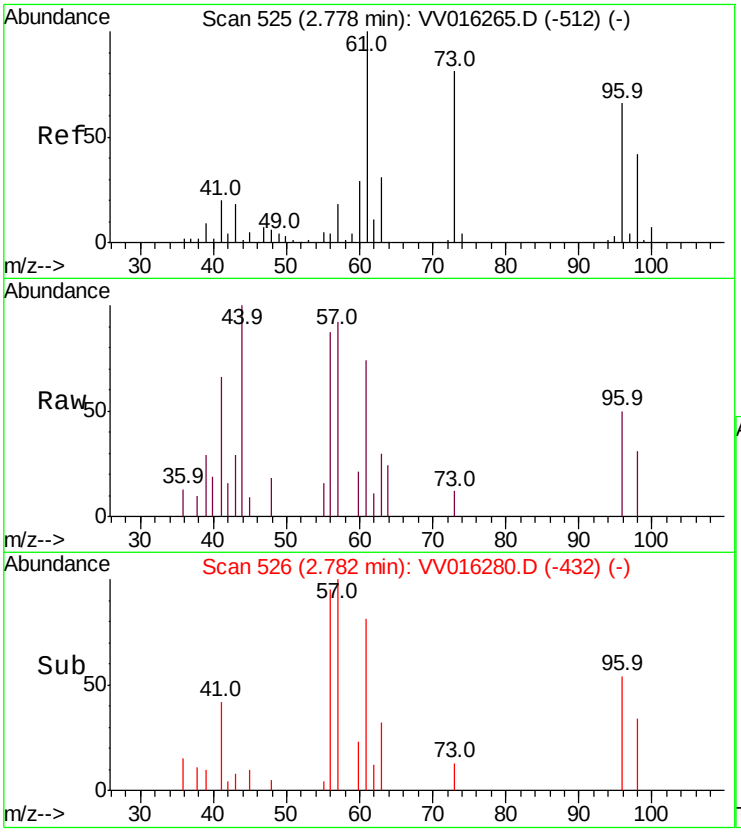


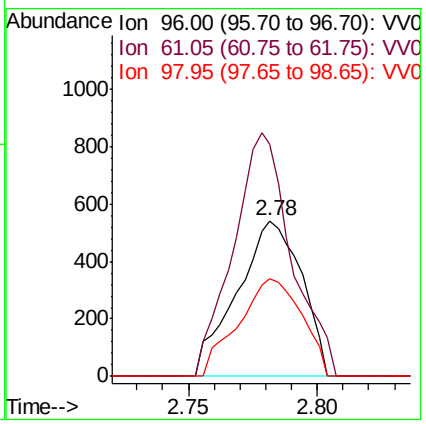


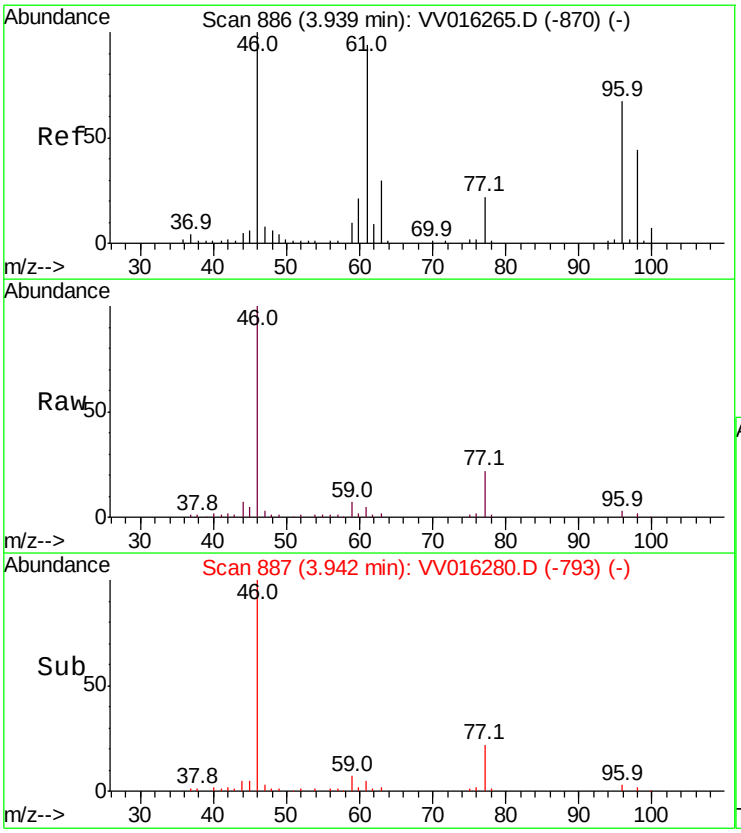
#18
trans-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV016280.D
Acq: 28 May 2020 16:34

Instrument :
MSVOA_V
ClientSampleId :
GAXD9

Tgt Ion: 96 Resp: 943

Ion	Ratio	Lower	Upper
96	100		
61	149.4	99.8	185.4
98	62.8	44.0	81.6

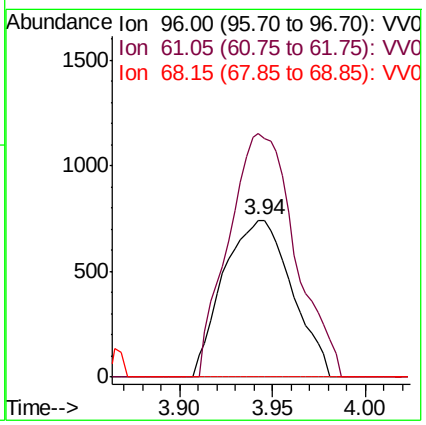


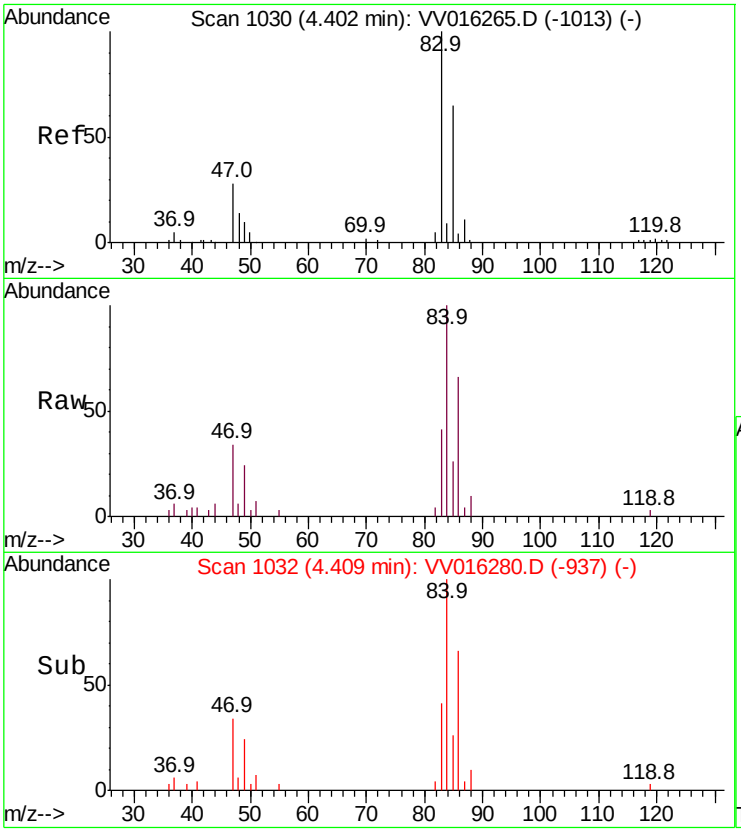


#22
cis-1,2-Dichloroethene
Concen: 0.282 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV016280.D
Acq: 28 May 2020 16:34

Tgt Ion: 96 Resp: 1901

Ion	Ratio	Lower	Upper
96	100		
61	155.3	99.7	185.1
68	0.0	0.0	0.0



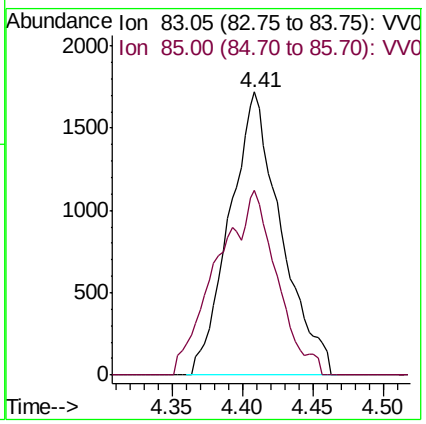


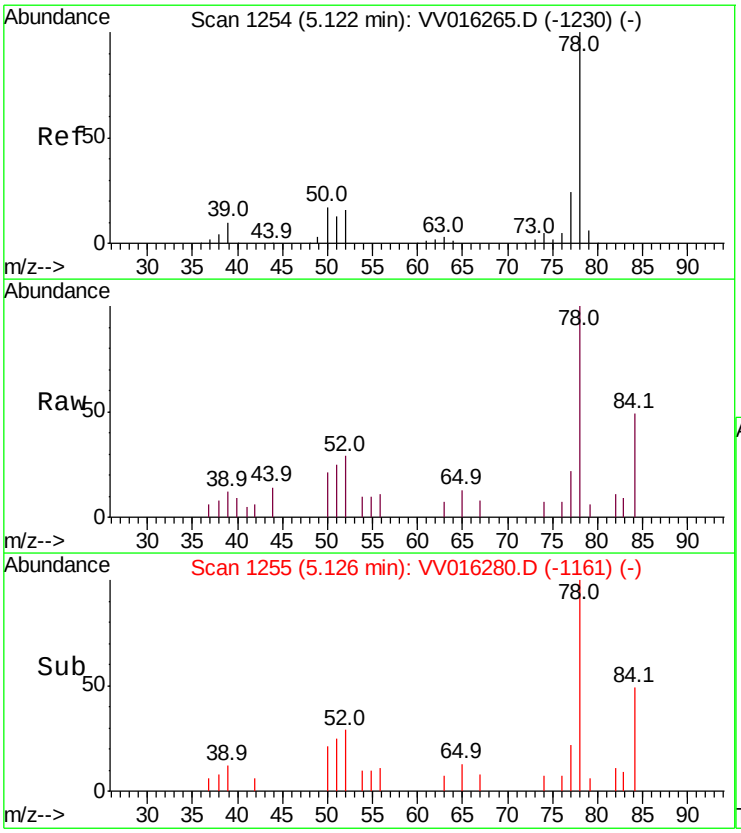
#25
Chloroform
Concen: 0.383 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016280.D
Acq: 28 May 2020 16:34

Instrument :
MSVOA_V
ClientSampleId :
GAXD9

Tgt Ion: 83 Resp: 4386

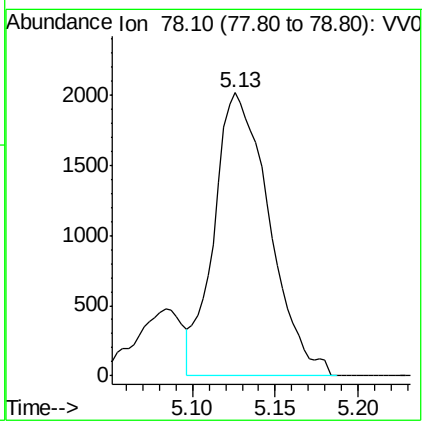
Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.1	83.7

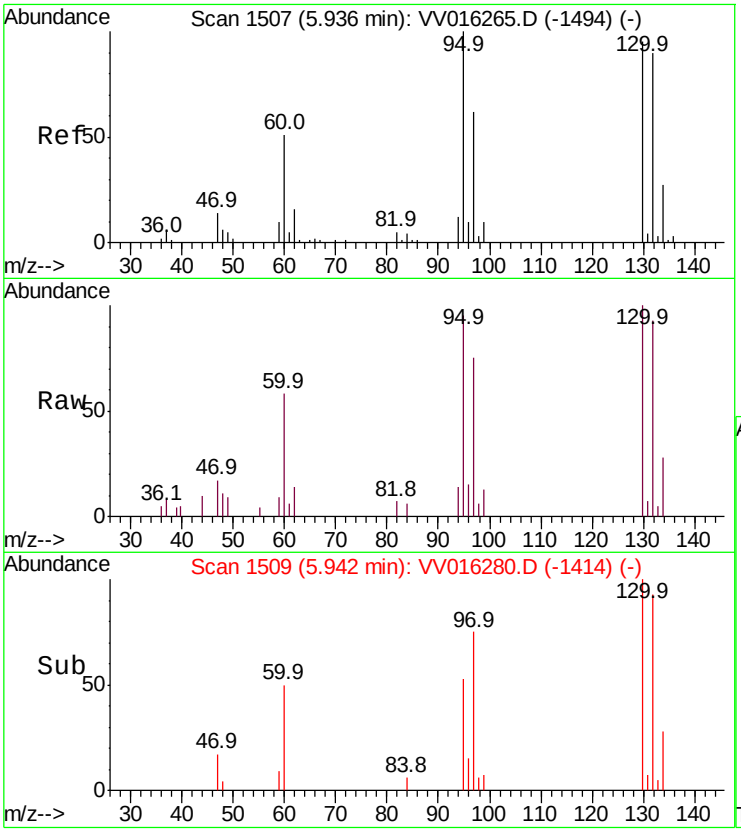




#33
Benzene
Concen: 0.190 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV016280.D
Acq: 28 May 2020 16:34

Tgt Ion: 78 Resp: 4660



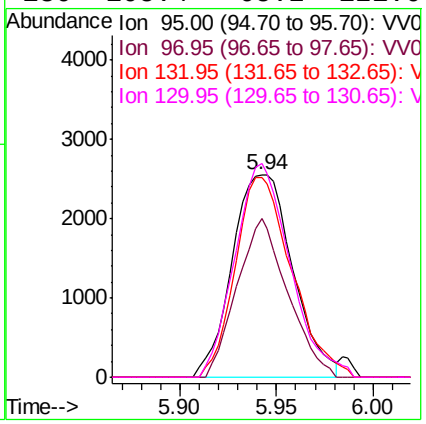


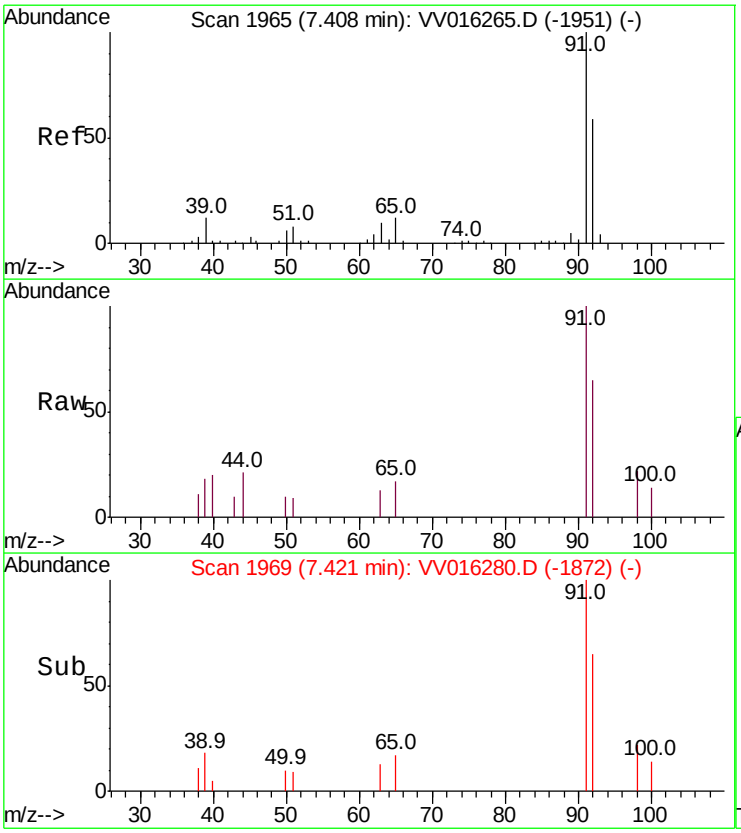
#34
Trichloroethene
Concen: 0.867 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016280.D
Acq: 28 May 2020 16:34

Instrument :
MSVOA_V
ClientSampleId :
GAXD9

Tgt Ion: 95 Resp: 5546

Ion	Ratio	Lower	Upper
95	100		
97	78.5	43.6	81.0
132	98.4	63.9	118.7
130	105.4	65.2	121.0

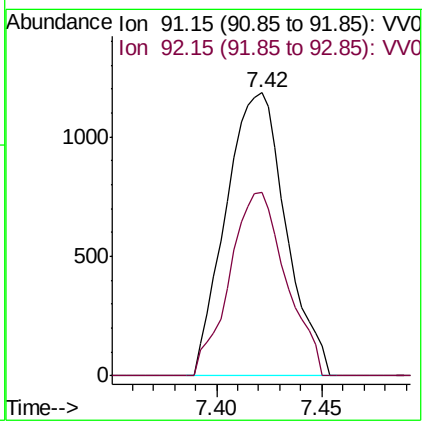


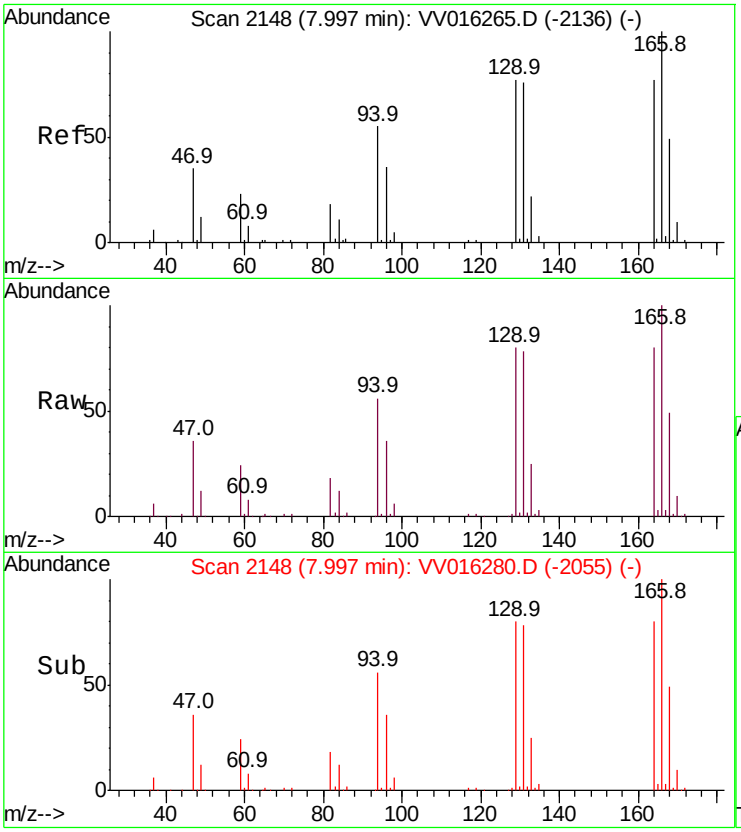


#42
Toluene
Concen: 0.087 ug/L
RT: 7.42 min Scan# 1969
Delta R.T. 0.01 min
Lab File: VV016280.D
Acq: 28 May 2020 16:34

Tgt Ion: 91 Resp: 2341

Ion	Ratio	Lower	Upper
91	100		
92	64.7	40.9	76.0





#49
Tetrachloroethene
Concen: 18.215 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016280.D
Acq: 28 May 2020 16:34

Instrument :
MSVOA_V
ClientSampleId :
GAXD9

Tgt Ion:164 Resp: 83686

Ion	Ratio	Lower	Upper
164	100		
129	99.7	70.7	131.3
131	97.3	66.6	123.8
166	124.3	86.9	161.5