Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016286.D
Acq On : 28 May 2020 18:59
Operator : SY/MD
Sample : L2756-09DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKX1DL

Quant Time: May 29 08:03:15 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	93806	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92427	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	44276	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22388	3.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.40%			
7) Chloroethane-d5	1.58	69	21016	3.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.40%			
11) 1,1-Dichloroethene-d2	2.12	63	32712	2.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.80%#			
20) 2-Butanone-d5	3.95	46	75053	50.22	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.44%			
24) Chloroform-d	4.38	84	47233	3.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.80%			
26) 1,2-Dichloroethane-d4	5.06	65	29714	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.07	84	100835	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.09	67	31720	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.34	98	87283	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.00%			
45) trans-1,3-Dichloropropene-	7.64	79	9906	3.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.00%			
48) 2-Hexanone-d5	8.13	63	54080	44.66	ug/L	0.01
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.32%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22934	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	32548	4.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.00%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.94	96	1364	0.190	ug/L	72
25) Chloroform	4.40	83	5564	0.457	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	1406	0.128	ug/L #	82
34) Trichloroethene	5.94	95	2914	0.421	ug/L	92
42) Toluene	7.41	91	36822	1.269	ug/L	98
49) Tetrachloroethene	8.00	164	9398	1.889	ug/L	98
54) Ethylbenzene	9.04	91	8439	0.261	ug/L	98
55) m,p-xylene	9.16	106	8584	0.708	ug/L	91
56) o-xylene	9.57	106	9007	0.780	ug/L	96
57) Styrene	9.59	104	14601	0.759	ug/L	99
58) Isopropylbenzene	9.95	105	2408	0.076	ug/L	94

(#) = 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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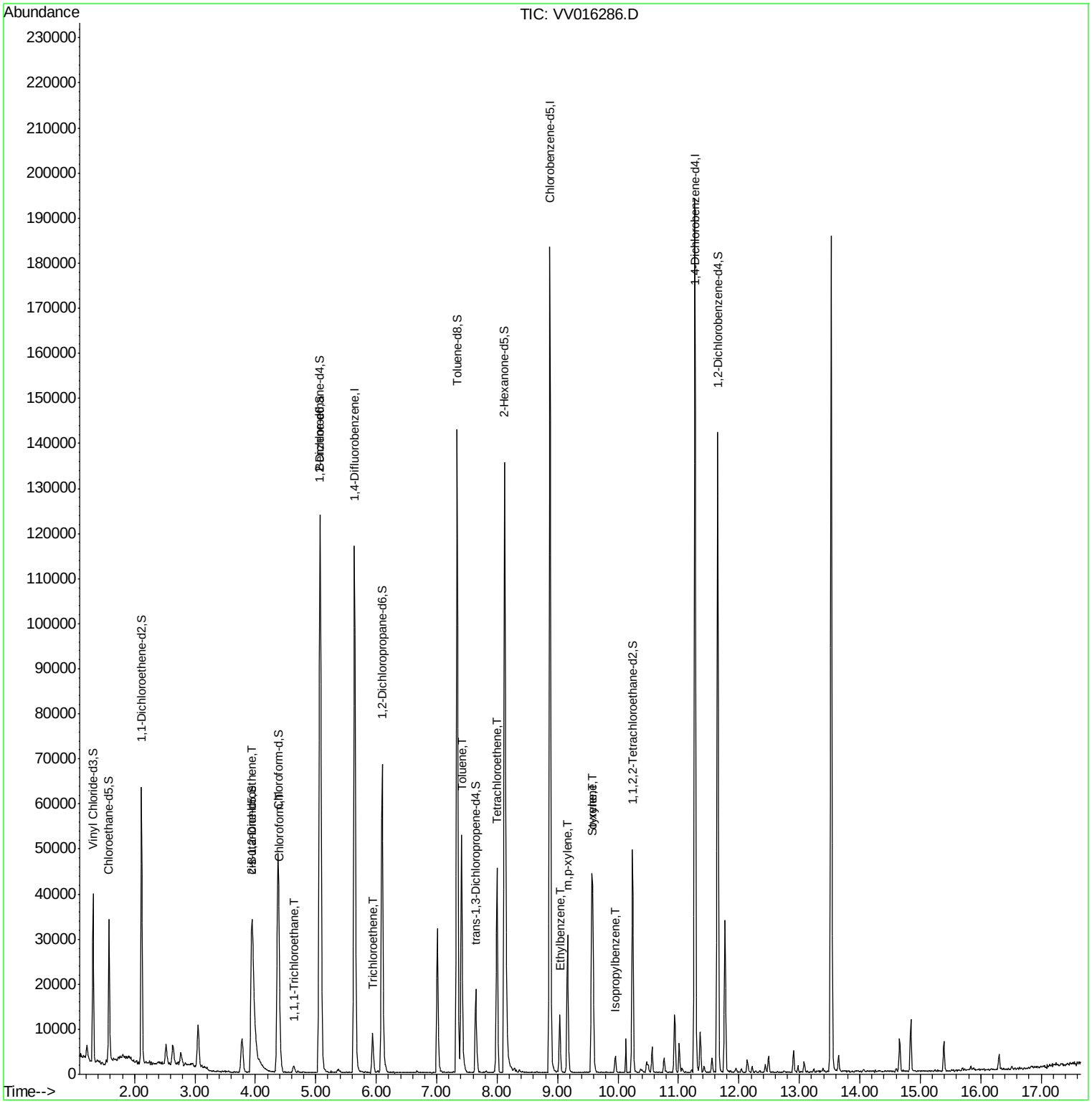
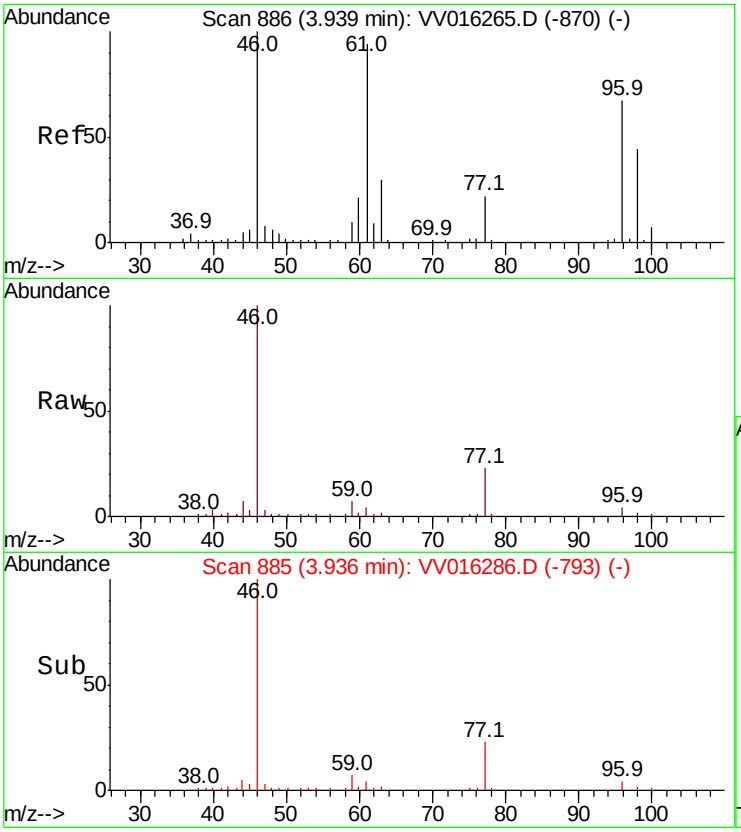


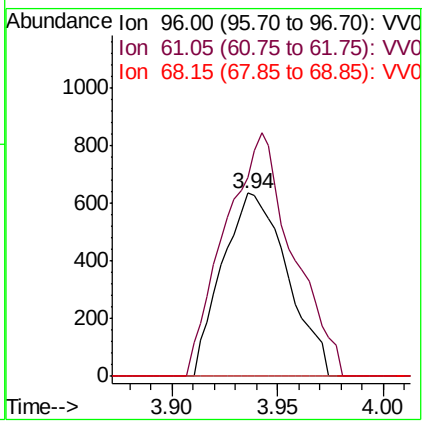


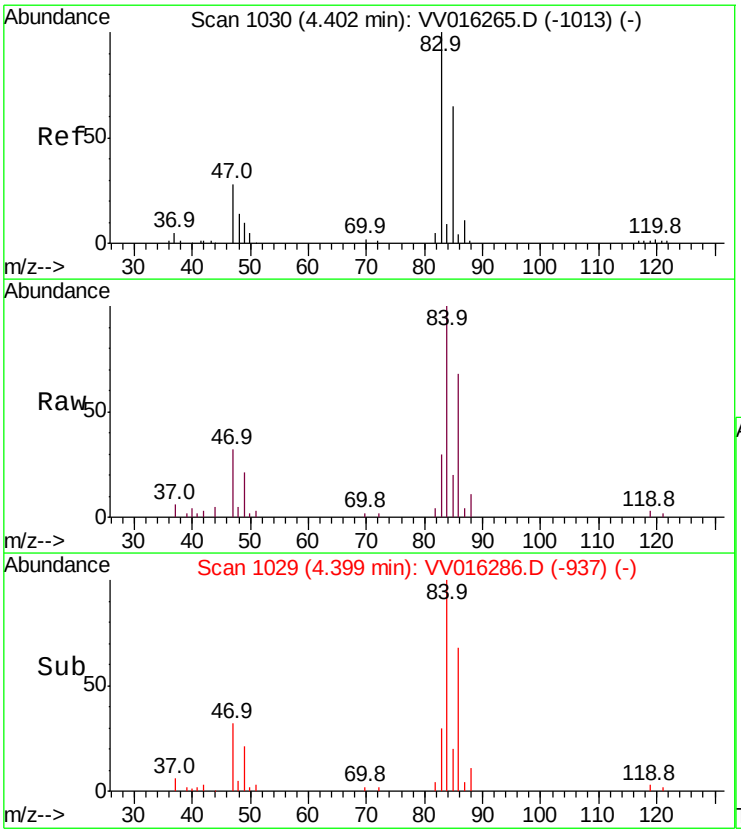
#22
cis-1,2-Dichloroethene
Concen: 0.190 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Instrument :
MSVOA_V
ClientSampleId :
ETKX1DL

Tgt Ion: 96 Resp: 1364

Ion	Ratio	Lower	Upper
96	100		
61	108.5	99.7	185.1
68	0.0	0.0	0.0

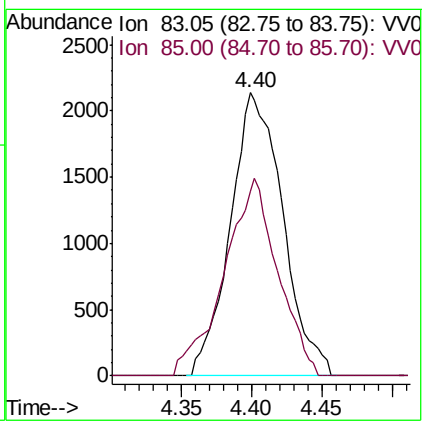


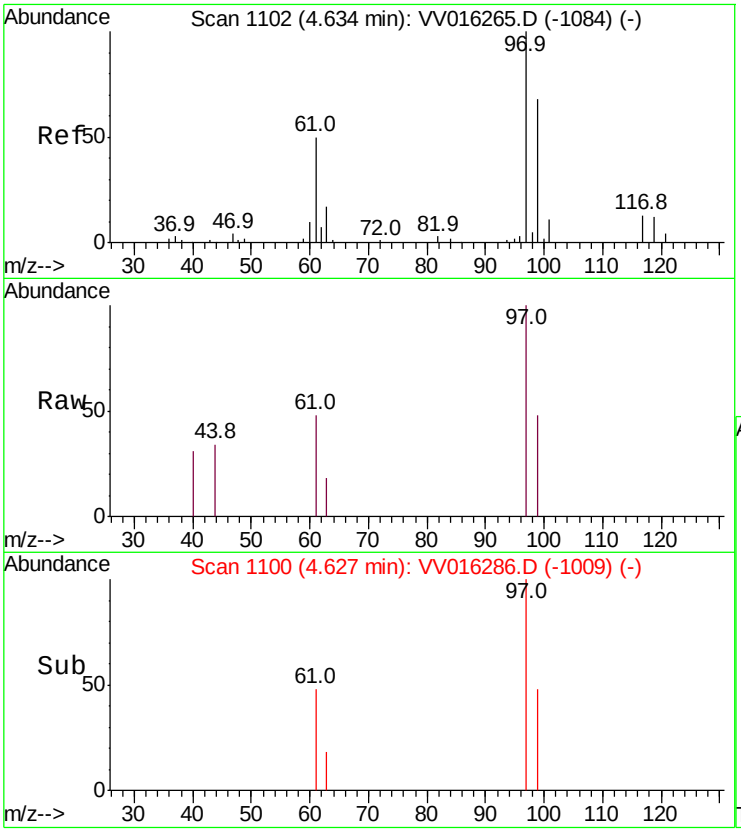


#25
Chloroform
Concen: 0.457 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Tgt Ion: 83 Resp: 5564

Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.1	83.7



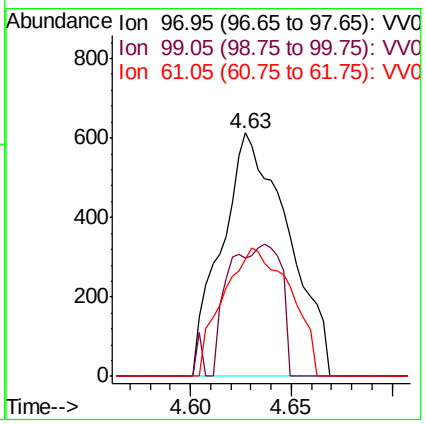


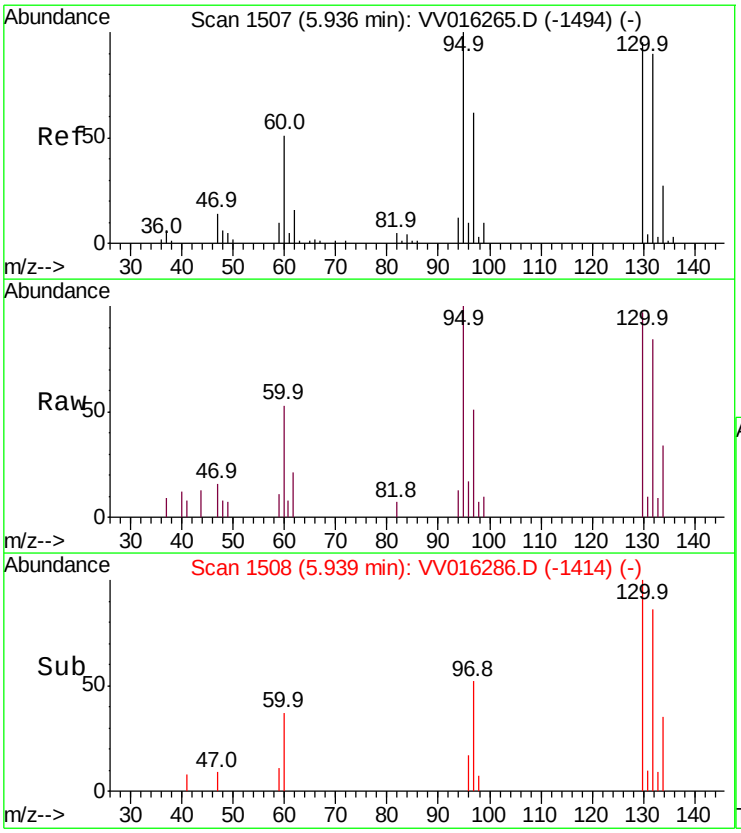
#29
1,1,1-Trichloroethane
Concen: 0.128 ug/L
RT: 4.63 min Scan# 1100
Delta R.T. -0.01 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Instrument : MSVOA_V
ClientSampleId : ETKX1DL

Tgt Ion: 97 Resp: 1406

Ion	Ratio	Lower	Upper
97	100		
99	43.7	51.2	76.8#
61	53.2	38.6	57.8

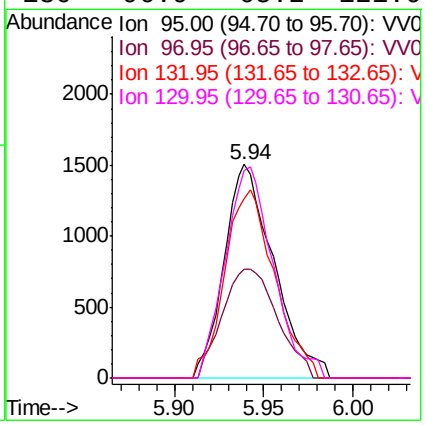


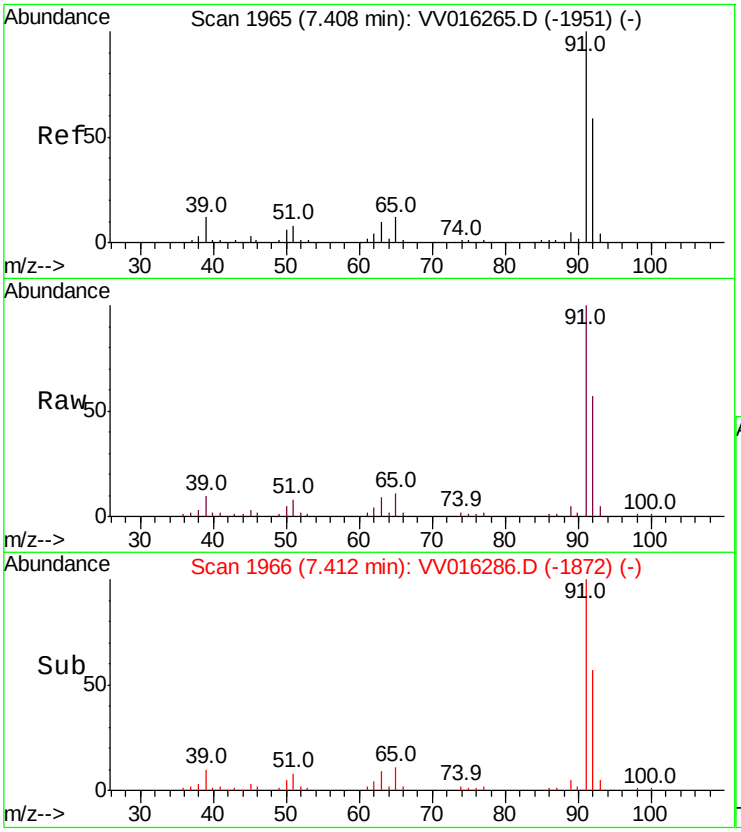


#34
Trichloroethene
Concen: 0.421 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Tgt Ion: 95 Resp: 2914

Ion	Ratio	Lower	Upper
95	100		
97	50.7	43.6	81.0
132	83.7	63.9	118.7
130	96.9	65.2	121.0



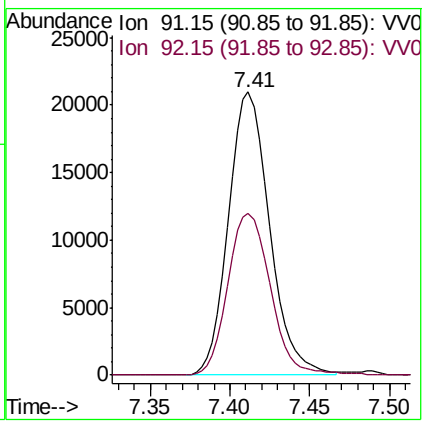


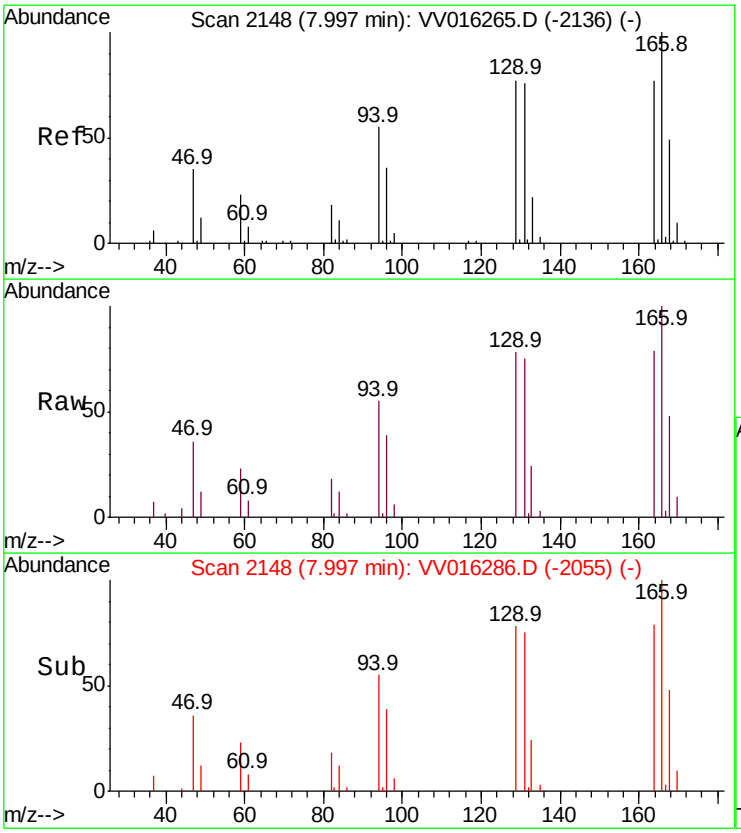
#42
Toluene
Concen: 1.269 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Instrument :
MSVOA_V
ClientSampleId :
ETKX1DL

Tgt Ion: 91 Resp: 36822

Ion	Ratio	Lower	Upper
91	100		
92	57.0	40.9	76.0

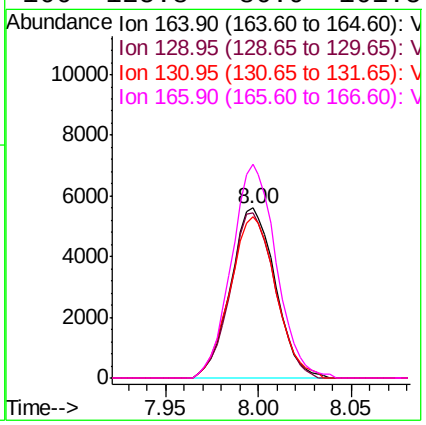


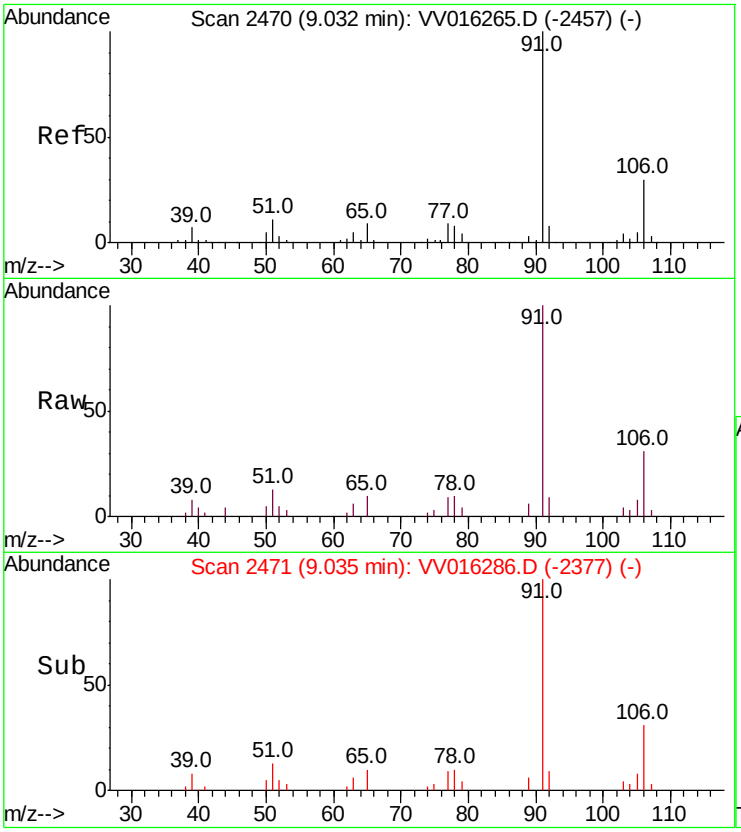


#49
Tetrachloroethene
Concen: 1.889 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Tgt Ion:164 Resp: 9398

Ion	Ratio	Lower	Upper
164	100		
129	97.6	70.7	131.3
131	94.9	66.6	123.8
166	125.8	86.9	161.5



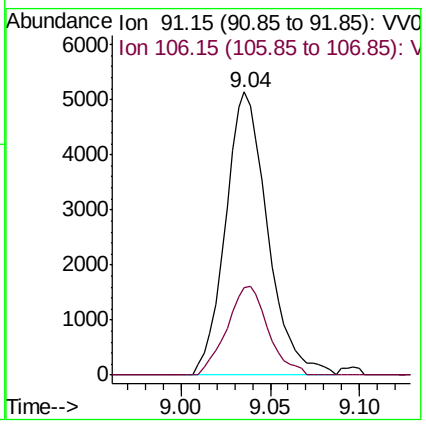


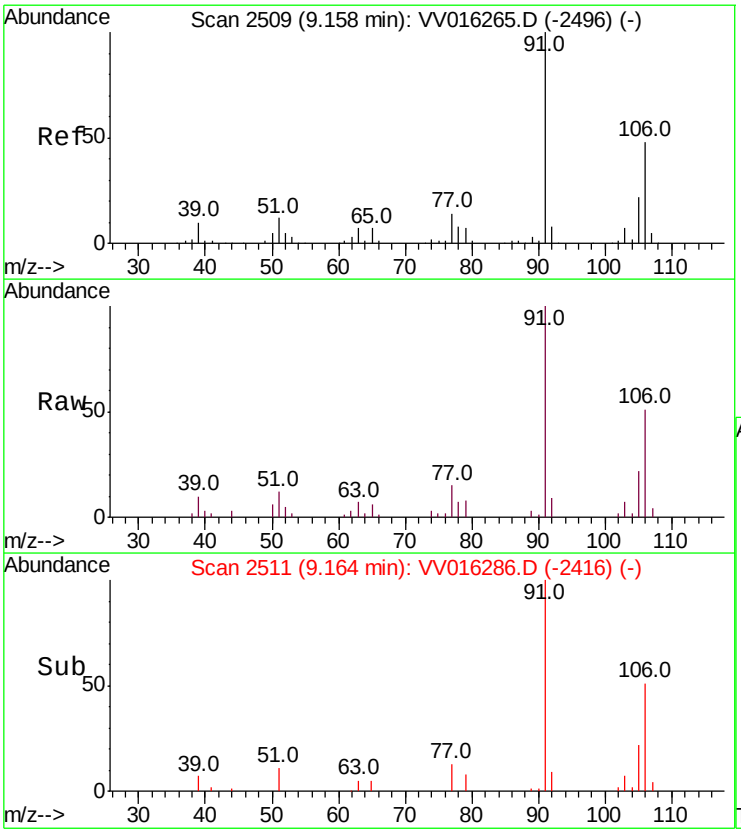
#54
Ethylbenzene
Concen: 0.261 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Instrument :
MSVOA_V
ClientSampleId :
ETKX1DL

Tgt Ion: 91 Resp: 8439

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.0	39.0

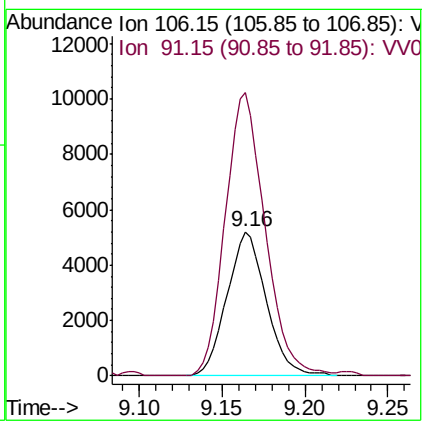


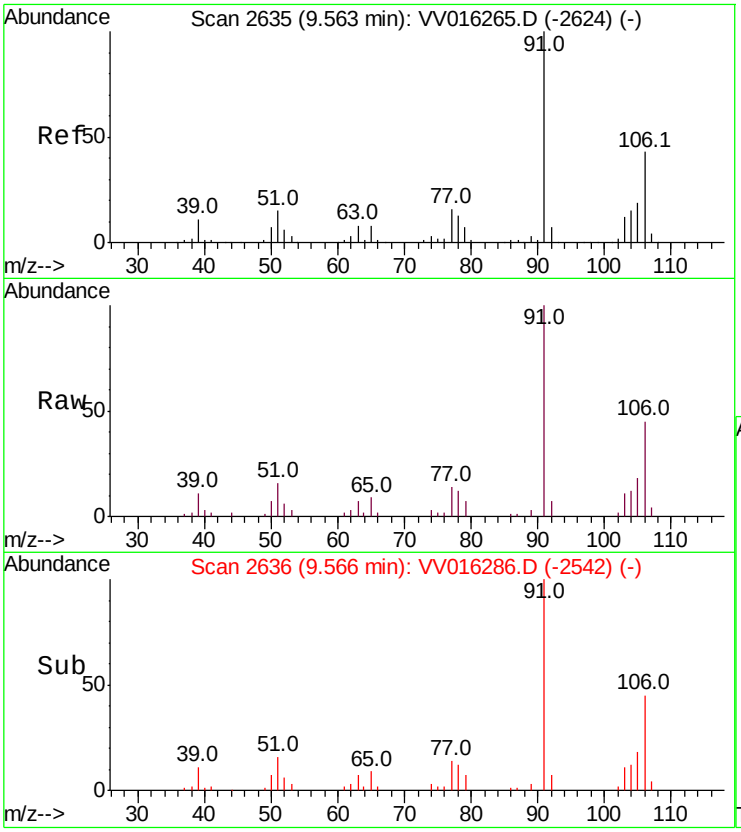


#55
m,p-xylene
Concen: 0.708 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Tgt Ion:106 Resp: 8584

Ion	Ratio	Lower	Upper
106	100		
91	196.7	148.1	275.0



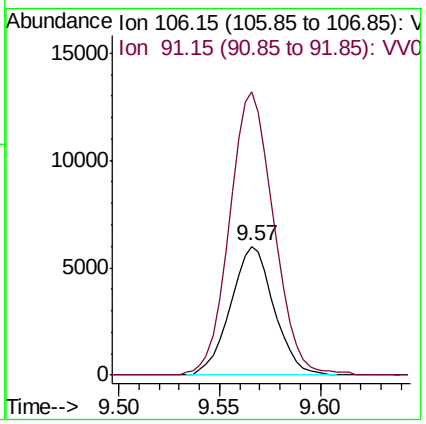


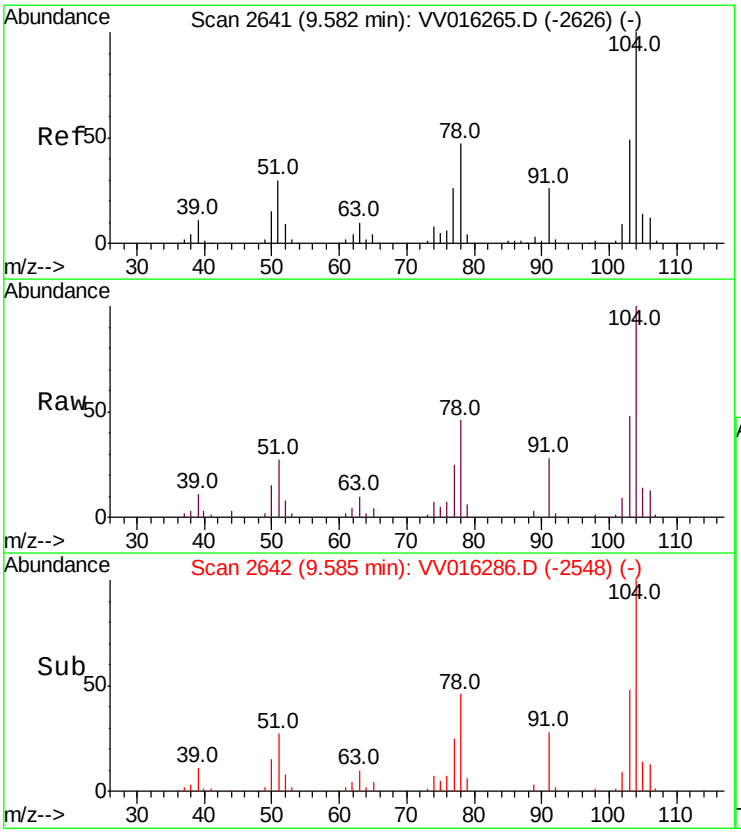
#56
o-xylene
Concen: 0.780 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Instrument :
MSVOA_V
ClientSampleId :
ETKX1DL

Tgt Ion:106 Resp: 9007

Ion	Ratio	Lower	Upper
106	100		
91	220.2	158.8	294.8

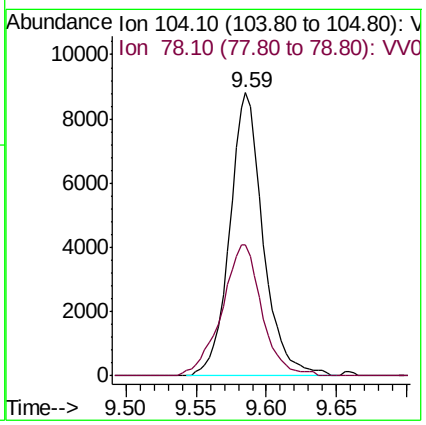


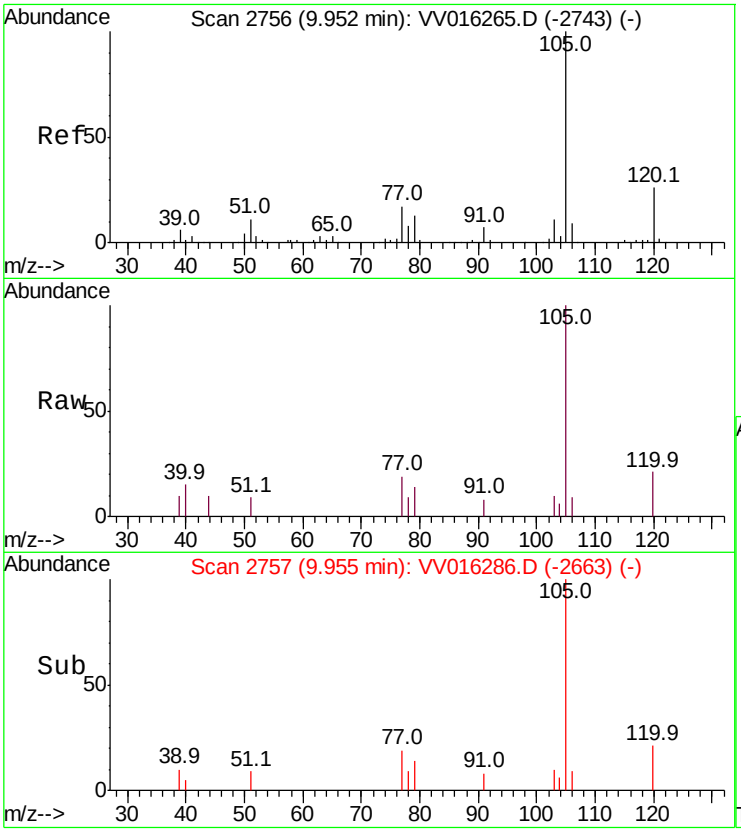


#57
Styrene
Concen: 0.759 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Tgt Ion:104 Resp: 14601

Ion	Ratio	Lower	Upper
104	100		
78	46.5	33.2	61.7





#58
Isopropylbenzene
Concen: 0.076 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016286.D
Acq: 28 May 2020 18:59

Instrument :
MSVOA_V
ClientSampleId :
ETKX1DL

Tgt Ion:105 Resp: 2408

Ion	Ratio	Lower	Upper
105	100		
120	22.9	20.9	31.3
77	19.6	13.9	20.9