Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070120\
Data File : VV017295.D
Acq On : 01 Jul 2020 17:34
Operator : SY/MD
Sample : L3168-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ9

Quant Time: Jul 02 06:10:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	167607	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160397	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76890	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45841	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.58	69	42878	5.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 117.20%			
11) 1,1-Dichloroethene-d2	2.13	63	74309	3.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.60%			
20) 2-Butanone-d5	3.92	46	135837	52.98	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.96%			
24) Chloroform-d	4.38	84	114210	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	5.06	65	63075	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.60%			
32) Benzene-d6	5.07	84	205226	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.10	67	63718	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.34	98	183123	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
45) trans-1,3-Dichloropropene-	7.64	79	23501	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
48) 2-Hexanone-d5	8.11	63	88251	44.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.28%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42328	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	75861	5.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
13) Acetone	2.20	43	23043	17.780	ug/L	97
16) Methylene chloride	2.53	84	2726	0.316	ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	1237	0.145	ug/L #	60
21) 2-Butanone	4.02	43	10667	4.366	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	49550	4.251	ug/L	93
25) Chloroform	4.41	83	14722	0.704	ug/L	99
29) 1,1,1-Trichloroethane	4.64	97	7071	0.368	ug/L	95
33) Benzene	5.13	78	7501	0.179	ug/L	100
34) Trichloroethene	5.94	95	1295536	105.331	ug/L	99
42) Toluene	7.41	91	87271	1.787	ug/L	98
49) Tetrachloroethene	8.00	164	3241	0.327	ug/L	94
54) Ethylbenzene	9.04	91	7821	0.150	ug/L	94
55) m,p-xylene	9.16	106	13474	0.659	ug/L	90
56) o-xylene	9.56	106	5164	0.271	ug/L	91

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

Quantitation Report (QT/LSC Reviewed)

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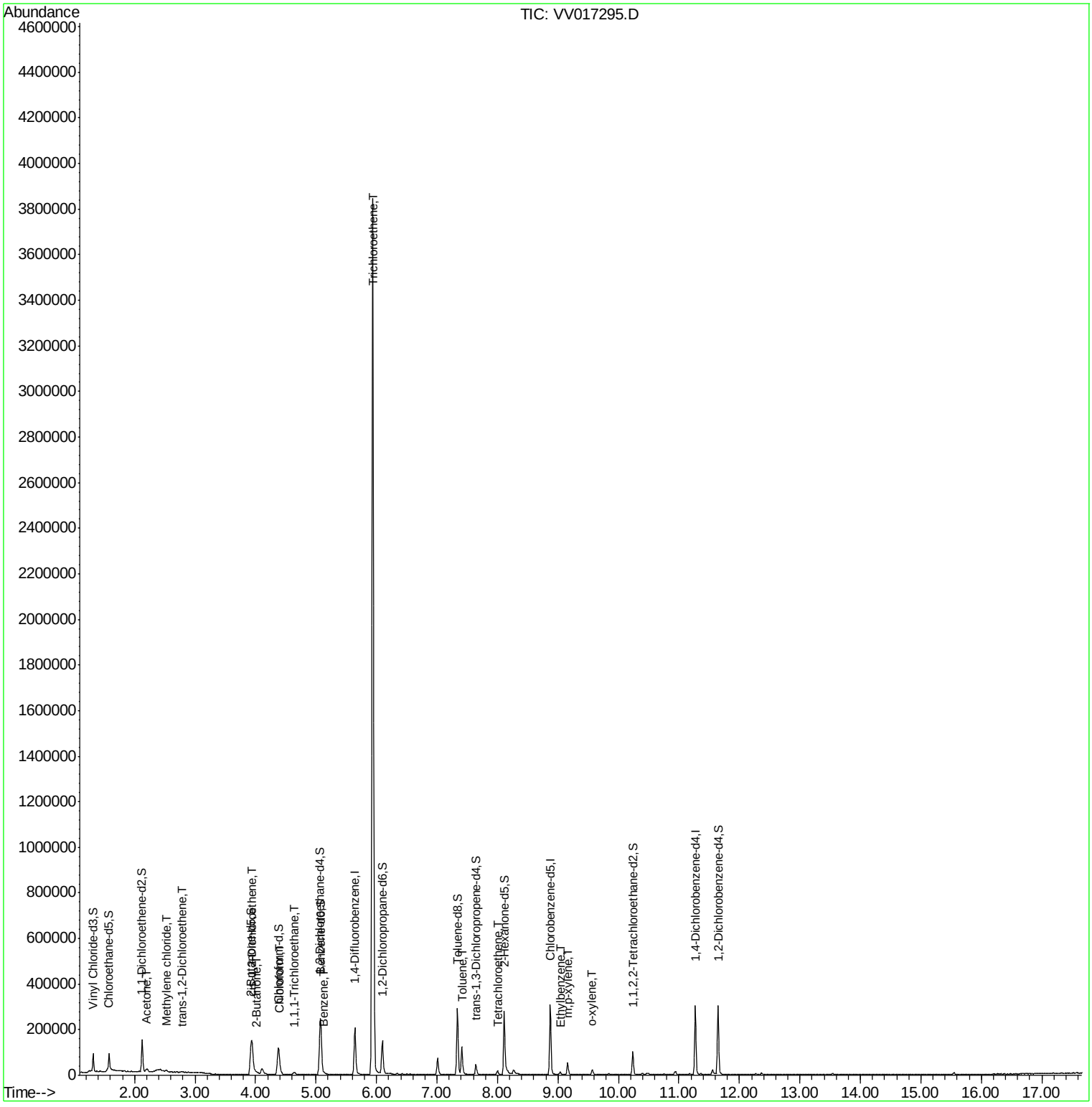
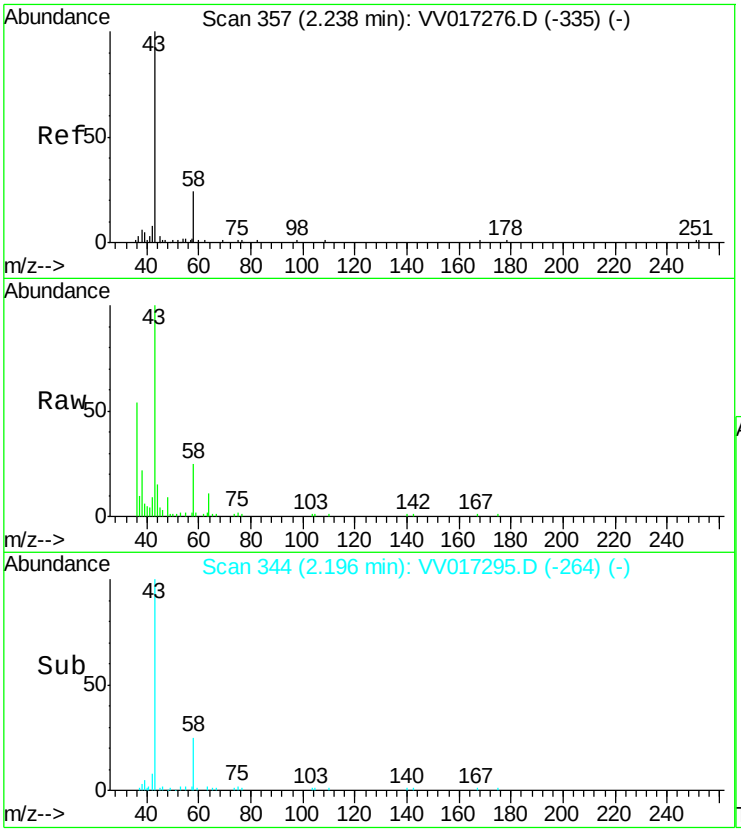
Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Quant Time: Jul 02 06:10:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration



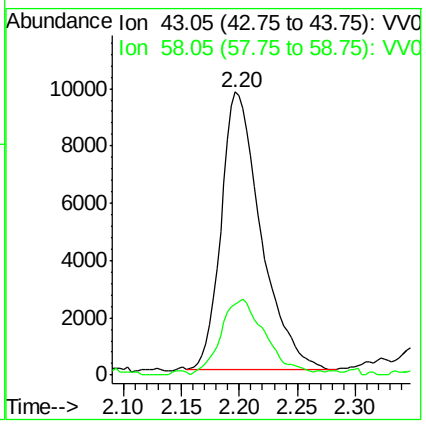


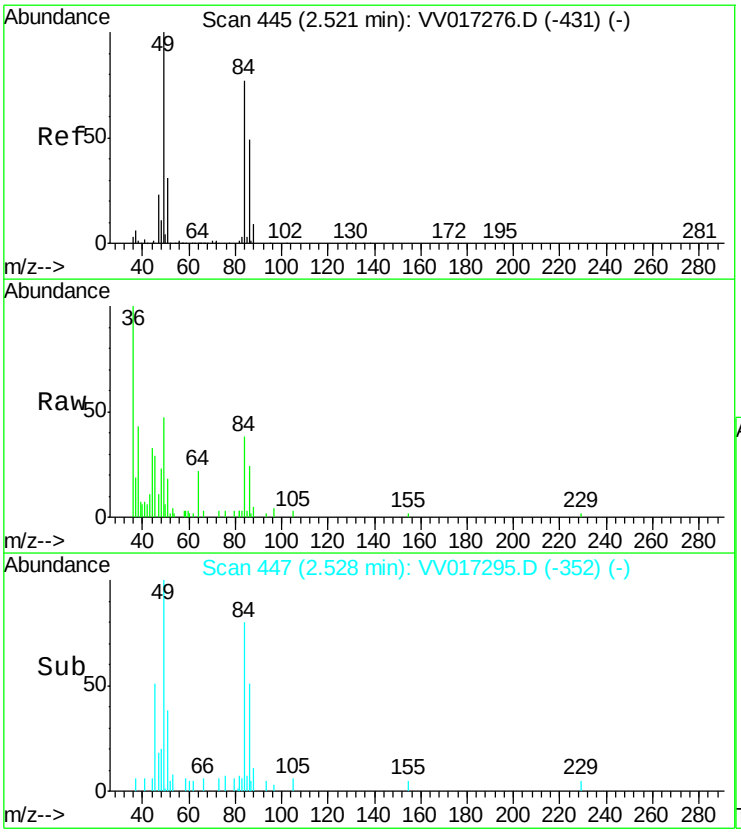
#13
Acetone
Concen: 17.780 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.04 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Instrument : MSVOA_V
ClientSampleId : C0AJ9

Tgt Ion: 43 Resp: 23043

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	58.4

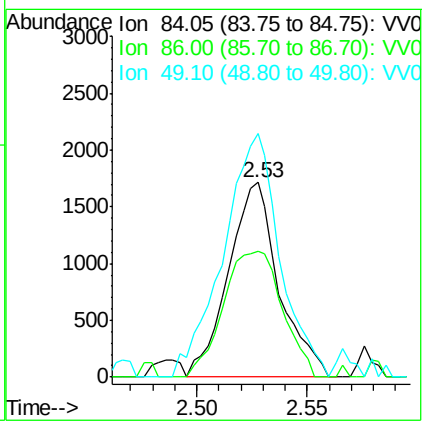


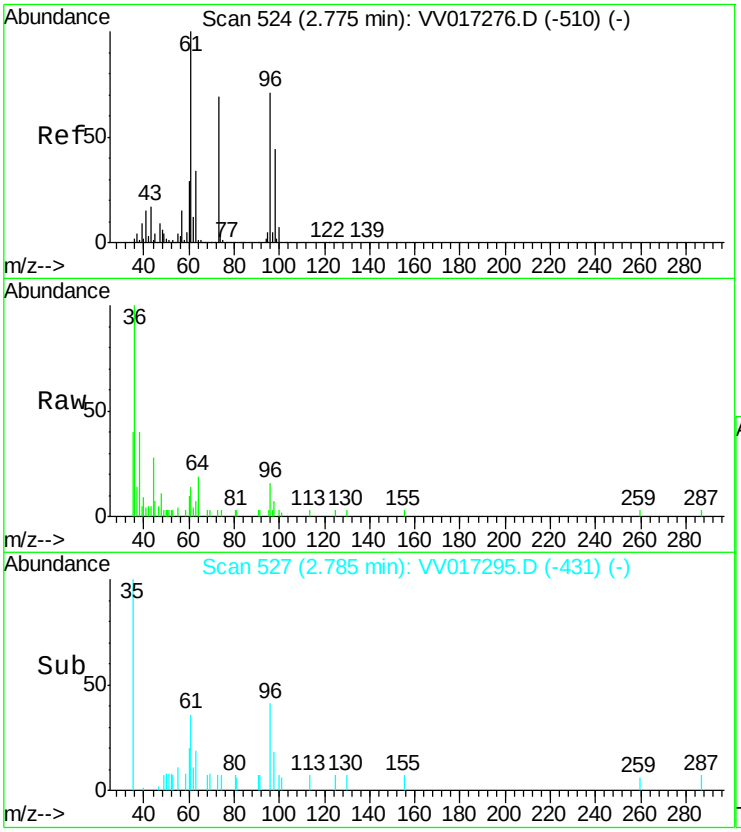


#16
Methylene chloride
Concen: 0.316 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Tgt Ion: 84 Resp: 2726

Ion	Ratio	Lower	Upper
84	100		
86	70.4	45.8	85.0
49	125.2	89.6	166.4



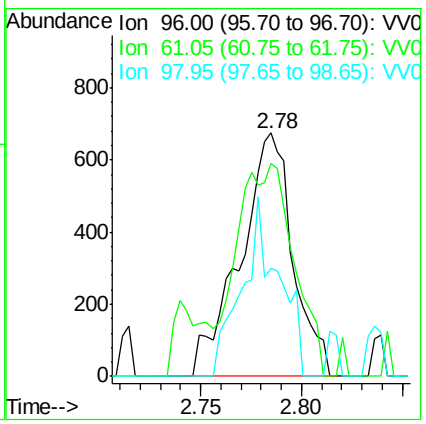


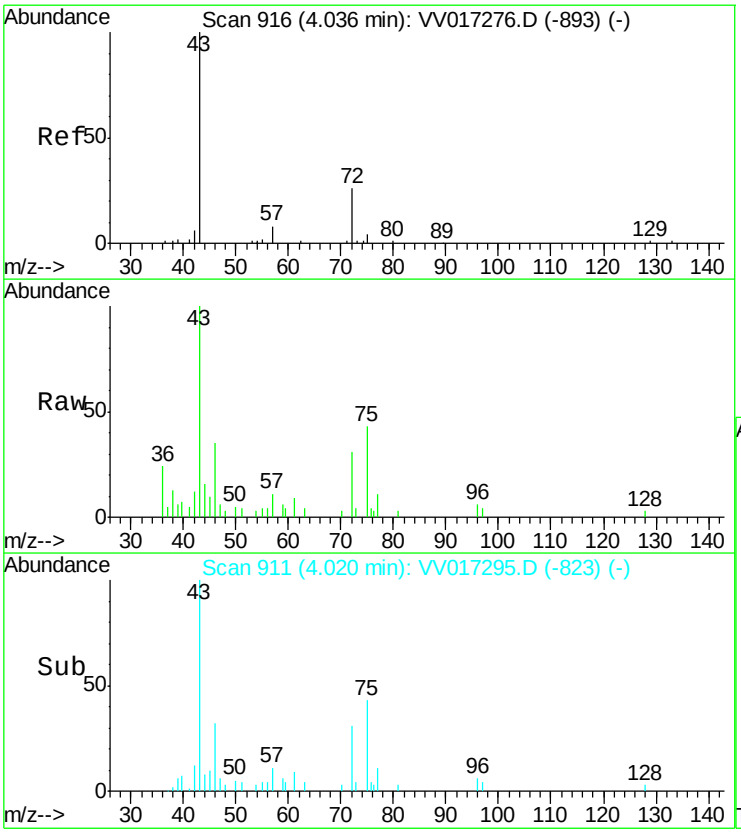
#18
trans-1,2-Dichloroethene
Concen: 0.145 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Instrument : MSVOA_V
ClientSampleId : C0AJ9

Tgt Ion: 96 Resp: 1237

Ion	Ratio	Lower	Upper
96	100		
61	87.6	102.3	189.9#
98	44.6	44.7	82.9#

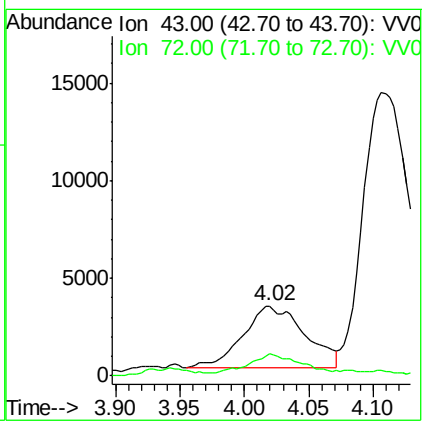


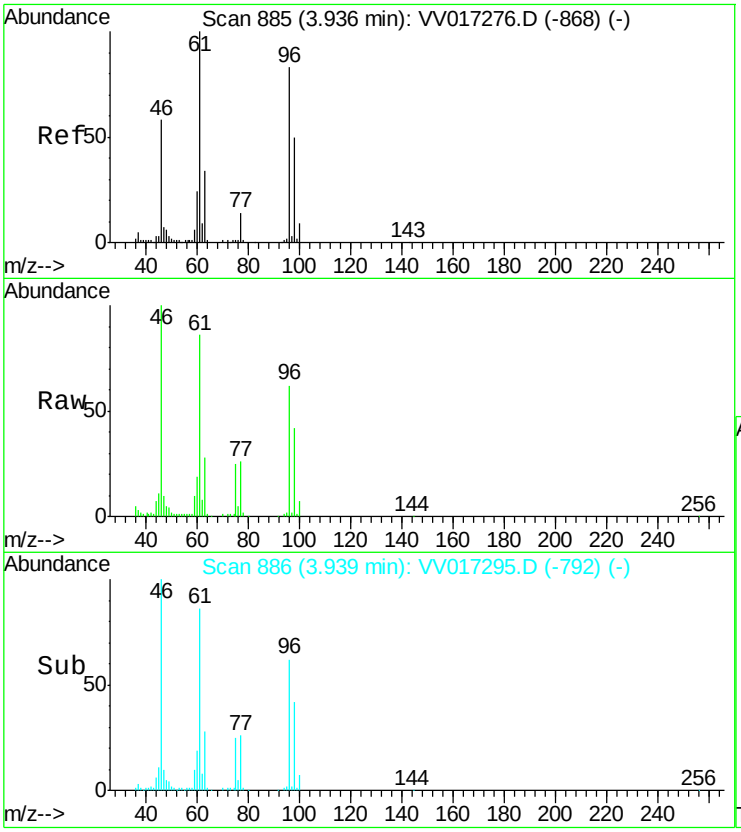


#21
2-Butanone
Concen: 4.366 ug/L
RT: 4.02 min Scan# 911
Delta R.T. -0.02 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Tgt Ion: 43 Resp: 10667

Ion	Ratio	Lower	Upper
43	100		
72	28.0	12.4	37.4



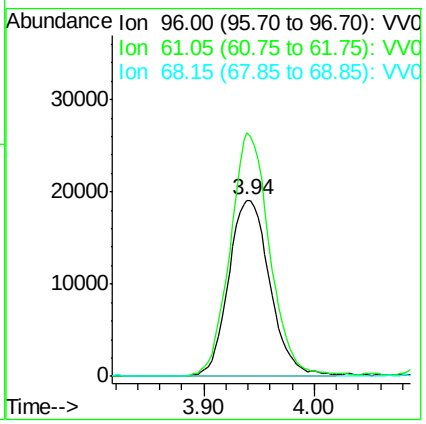


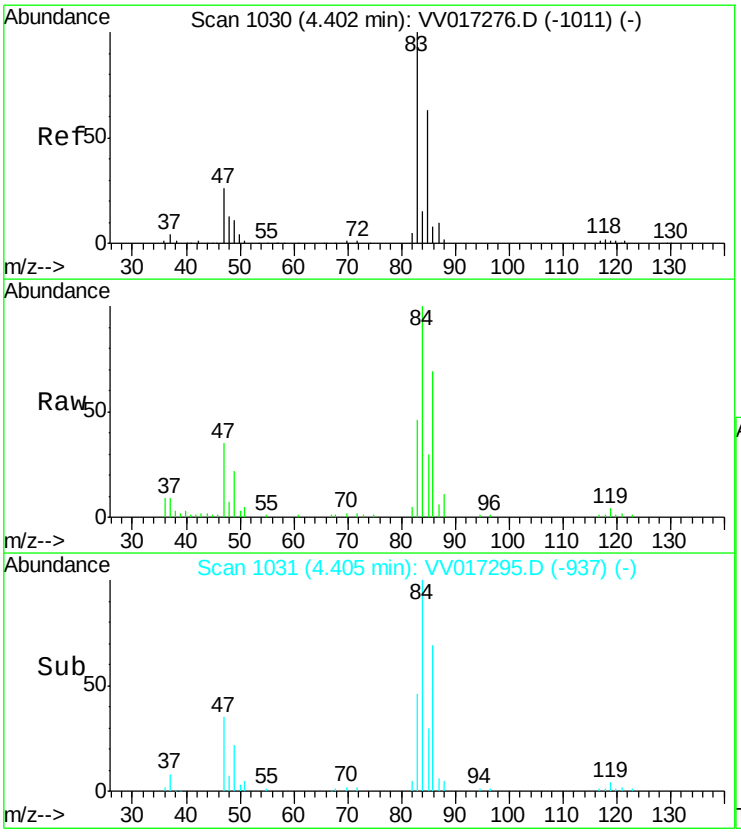
#22
cis-1,2-Dichloroethene
Concen: 4.251 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion: 96 Resp: 49550

Ion	Ratio	Lower	Upper
96	100		
61	138.2	91.0	169.0
68	0.0	0.0	0.0

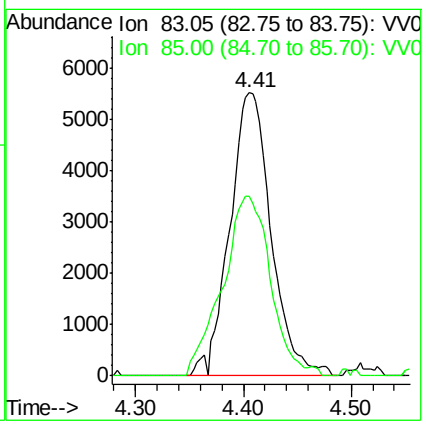


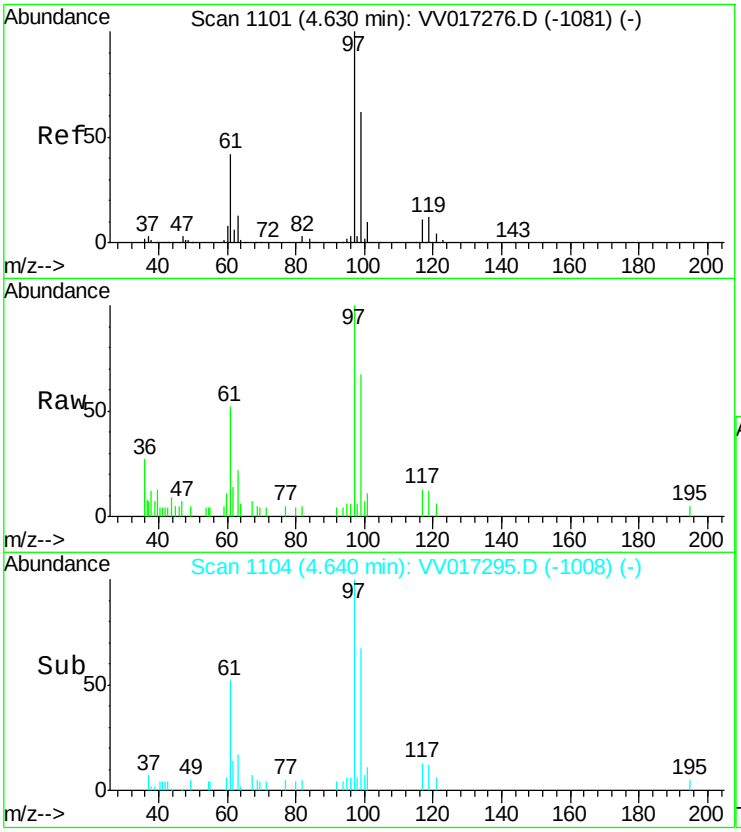


#25
Chloroform
Concen: 0.704 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Tgt Ion: 83 Resp: 14722

Ion	Ratio	Lower	Upper
83	100		
85	63.6	44.2	82.2



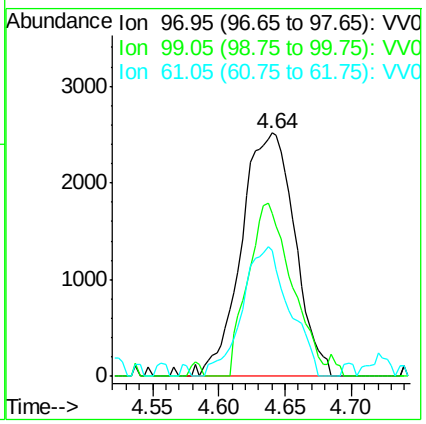


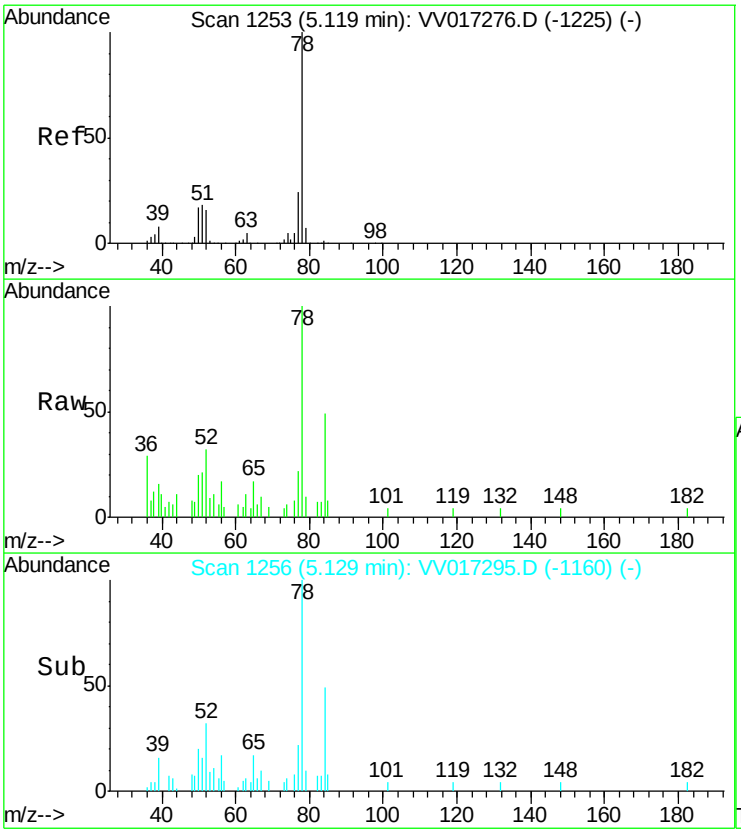
#29
1,1,1-Trichloroethane
Concen: 0.368 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Instrument : MSVOA_V
ClientSampleId : C0AJ9

Tgt Ion: 97 Resp: 7071

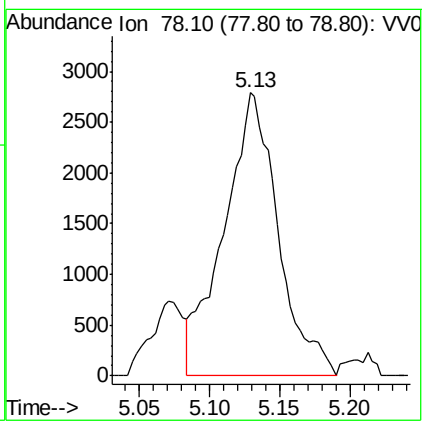
Ion	Ratio	Lower	Upper
97	100		
99	58.5	50.3	75.5
61	47.1	36.0	54.0

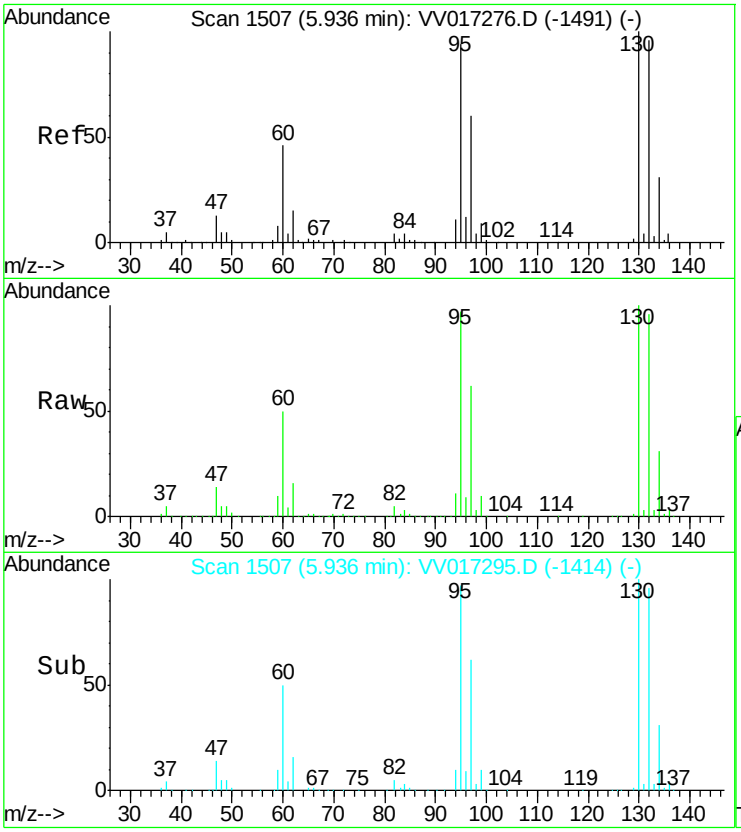




#33
Benzene
Concen: 0.179 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Tgt Ion: 78 Resp: 7501



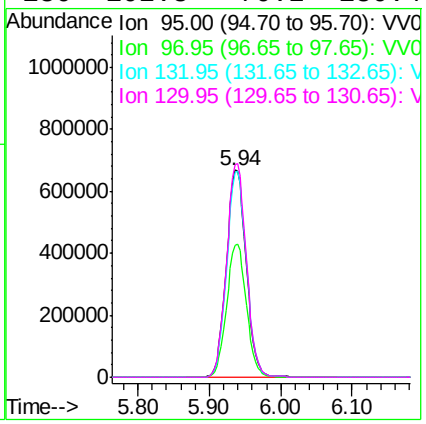


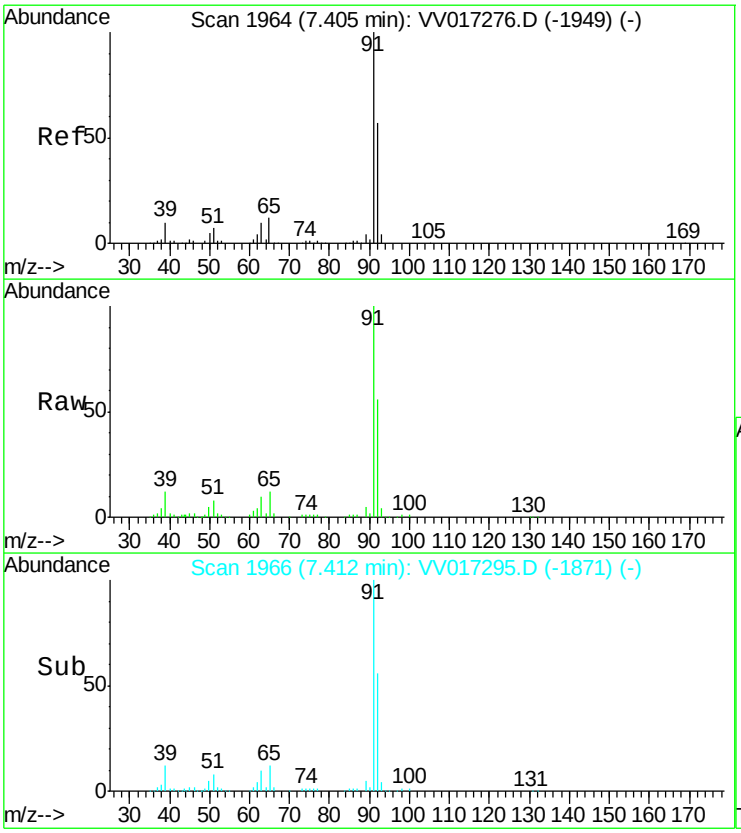
#34
Trichloroethene
Concen: 105.331 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion: 95 Resp: 1295536

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.3	84.1
132	98.7	68.8	127.8
130	102.8	70.2	130.4

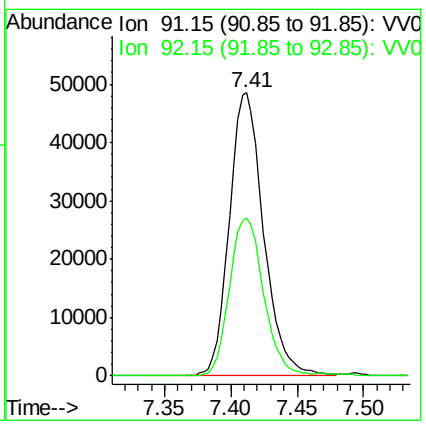


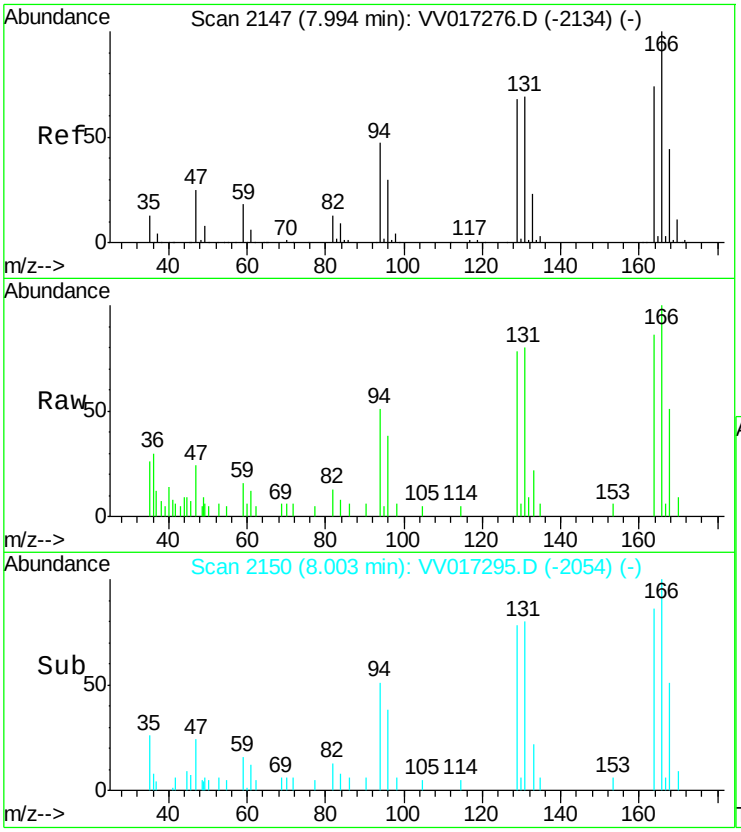


#42
Toluene
Concen: 1.787 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Tgt Ion: 91 Resp: 87271

Ion	Ratio	Lower	Upper
91	100		
92	55.7	39.9	74.1



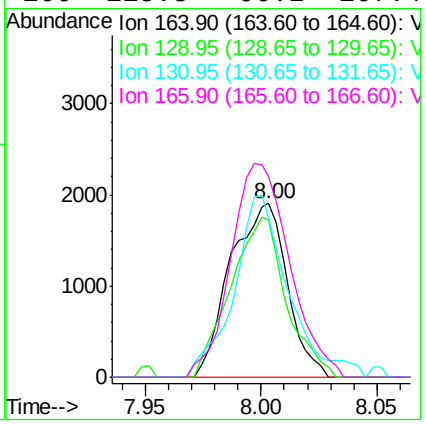


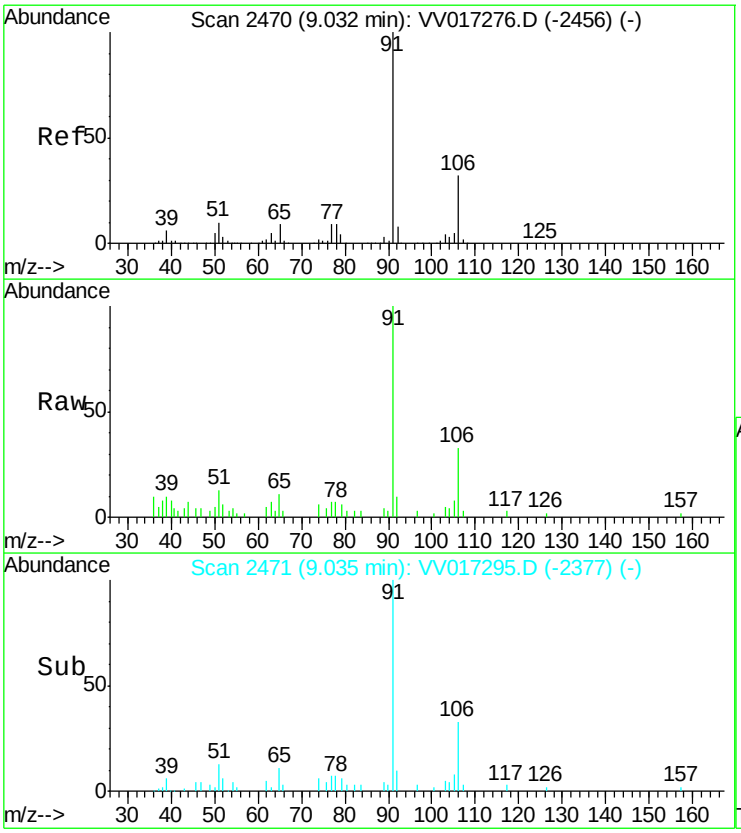
#49
Tetrachloroethene
Concen: 0.327 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Instrument : MSVOA_V
ClientSampleId : C0AJ9

Tgt Ion:164 Resp: 3241

Ion	Ratio	Lower	Upper
164	100		
129	90.5	65.2	121.0
131	92.2	64.1	119.1
166	115.8	90.2	167.4

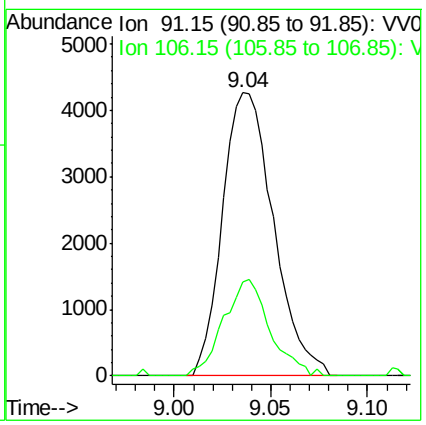


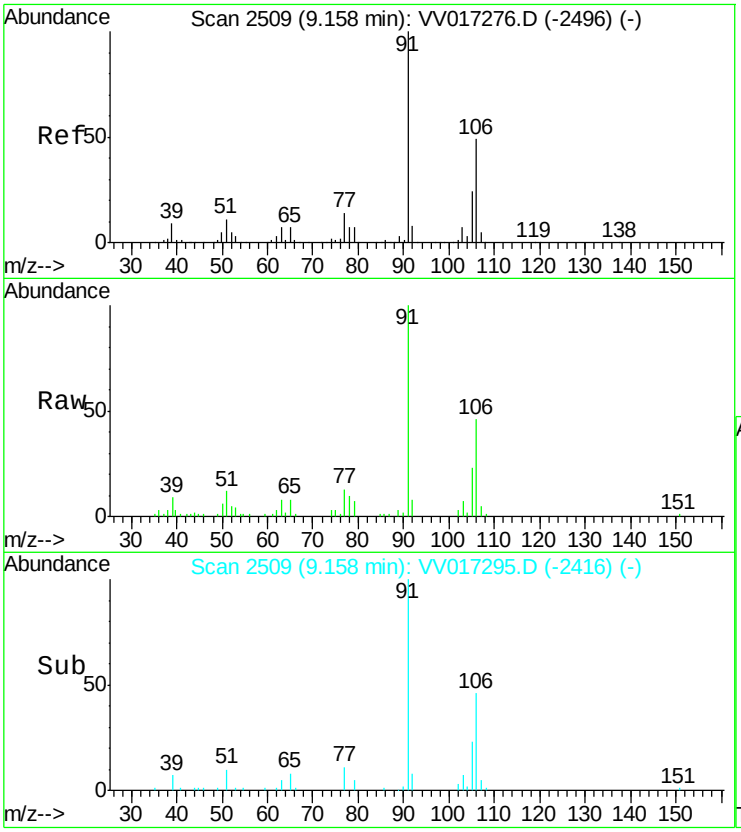


#54
Ethylbenzene
Concen: 0.150 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Tgt Ion: 91 Resp: 7821

Ion	Ratio	Lower	Upper
91	100		
106	33.3	21.1	39.1



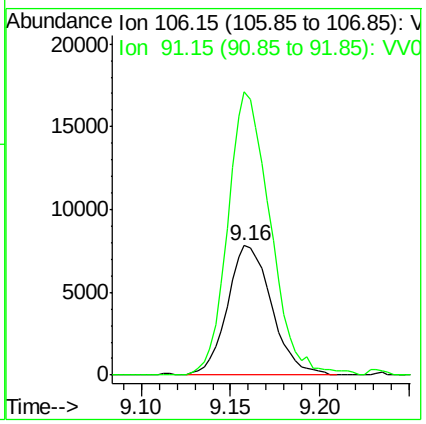


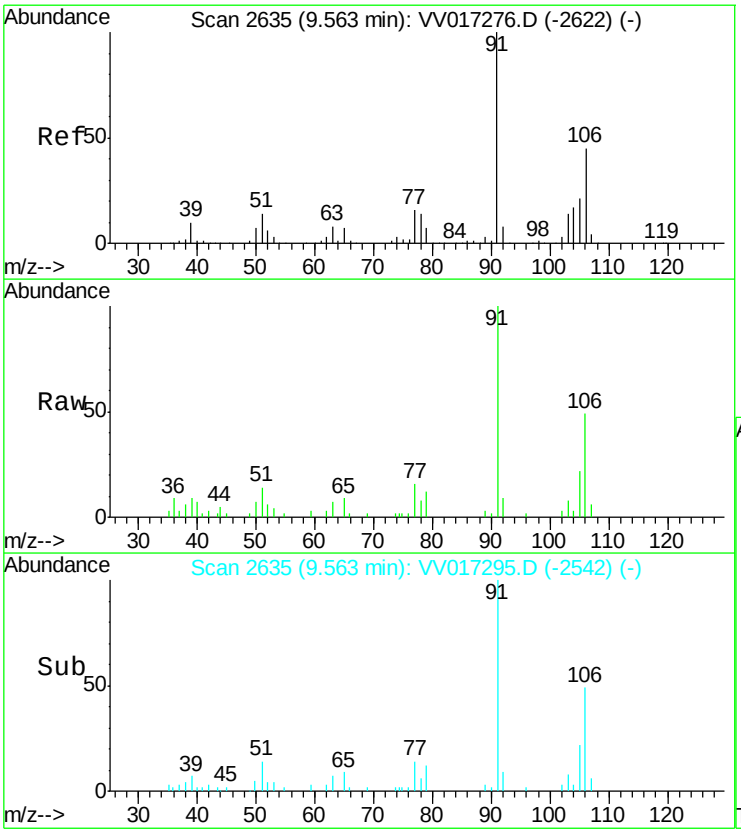
#55
m,p-xylene
Concen: 0.659 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Instrument :
MSVOA_V
ClientSampleId :
C0AJ9

Tgt Ion:106 Resp: 13474

Ion	Ratio	Lower	Upper
106	100		
91	218.5	142.7	264.9





#56
o-xylene
Concen: 0.271 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV017295.D
Acq: 01 Jul 2020 17:34

Tgt Ion:106 Resp: 5164

Ion	Ratio	Lower	Upper
106	100		
91	205.8	153.6	285.2