Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100720\
Data File : VV018744.D
Acq On : 07 Oct 2020 21:46
Operator : SY/MD
Sample : L4239-13 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 08 06:42:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 02:46:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294529	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283279	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150789	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	73999	42.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.68%			
7) Chloroethane-d5	1.58	69	68144	47.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.42%			
11) 1,1-Dichloroethene-d2	2.12	63	125374	35.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.24%			
21) 2-Butanone-d5	3.91	46	112720	87.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.48%			
24) Chloroform-d	4.37	84	158799	42.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.02%			
26) 1,2-Dichloroethane-d4	5.06	65	113571	47.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.80%			
32) Benzene-d6	5.08	84	305679	42.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.20%			
36) 1,2-Dichloropropane-d6	6.09	67	95670	44.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.26%			
41) Toluene-d8	7.34	98	330059	48.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.78%			
43) trans-1,3-Dichloropropene-	7.64	79	52989	45.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.48%			
47) 2-Hexanone-d5	8.11	63	68896	83.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.66%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	115332	40.12	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 80.24%			
64) 1,2-Dichlorobenzene-d4	11.65	152	123188	42.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.96%			
Target Compounds						Qvalue
13) Acetone	2.20	43	4044	3.633	ug/L	81
20) cis-1,2-Dichloroethene	3.94	96	13652	6.106	ug/L	94
29) Cyclohexane	4.70	56	57880	17.915	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	76309	21.698	ug/L	98
31) Carbon tetrachloride	4.64	117	9747	3.088	ug/L	93
42) Toluene	7.41	91	1195312	132.768	ug/L	99
48) 2-Hexanone	8.16	43	7047	3.278	ug/L #	84
51) Chlorobenzene	8.90	112	5775	0.948	ug/L #	88
52) Ethylbenzene	9.04	91	66719	6.636	ug/L	97
53) m,p-Xylene	9.16	106	86322	22.216	ug/L	96
54) o-xylene	9.57	106	35311	9.599	ug/L	97
56) Isopropylbenzene	9.95	105	34818	3.529	ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	20521	7.901	ug/L	95
62) 1,3-Dichlorobenzene	11.21	146	3821	0.783	ug/L	90
63) 1,4-Dichlorobenzene	11.30	146	5819	1.158	ug/L	97
65) 1,2-Dichlorobenzene	11.66	146	7444	1.542	ug/L #	91
67) 1,3,5-Trichlorobenzene	13.29	180	30859	9.129	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100720\
Data File : VV018744.D
Acq On : 07 Oct 2020 21:46
Operator : SY/MD
Sample : L4239-13 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 08 06:42:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 02:46:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2,4-trichlorobenzene	13.29	180	30859	9.810	ug/L	99
69) Naphthalene	13.53	128	45844	5.091	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	13769	4.360	ug/L	98

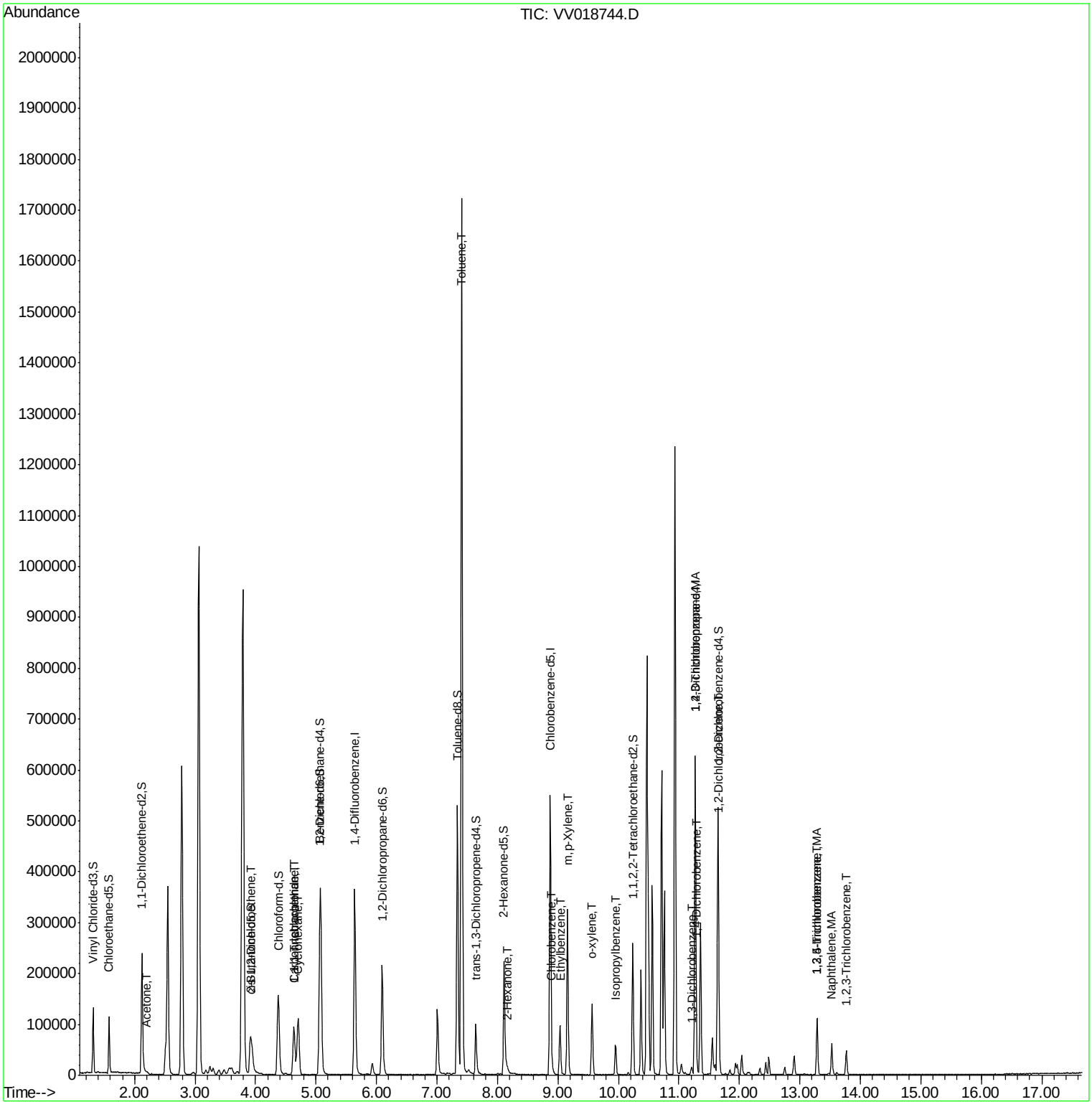
(#) = qualifier out of range (m) = manual integration (+) = signals summed

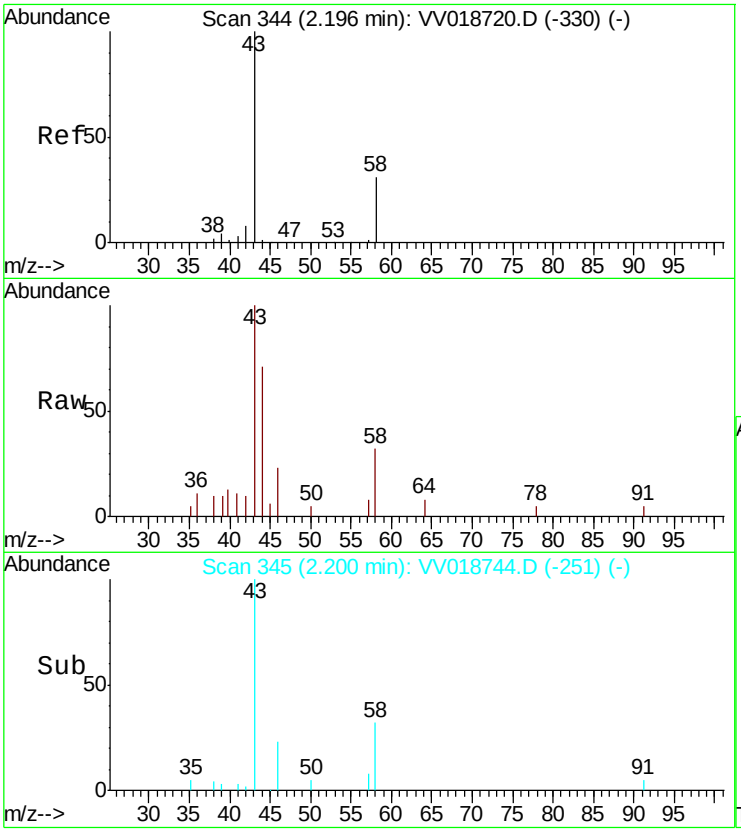
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100720\
Data File : VV018744.D
Acq On : 07 Oct 2020 21:46
Operator : SY/MD
Sample : L4239-13 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 08 06:42:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 02:46:20 2020
Response via : Initial Calibration



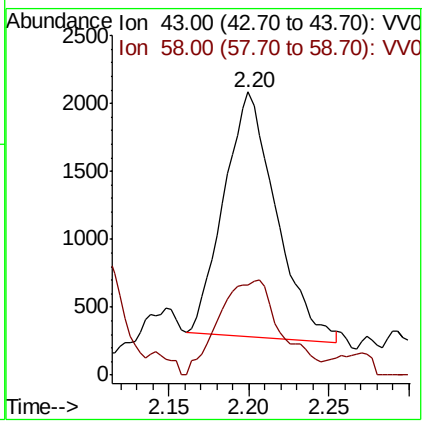


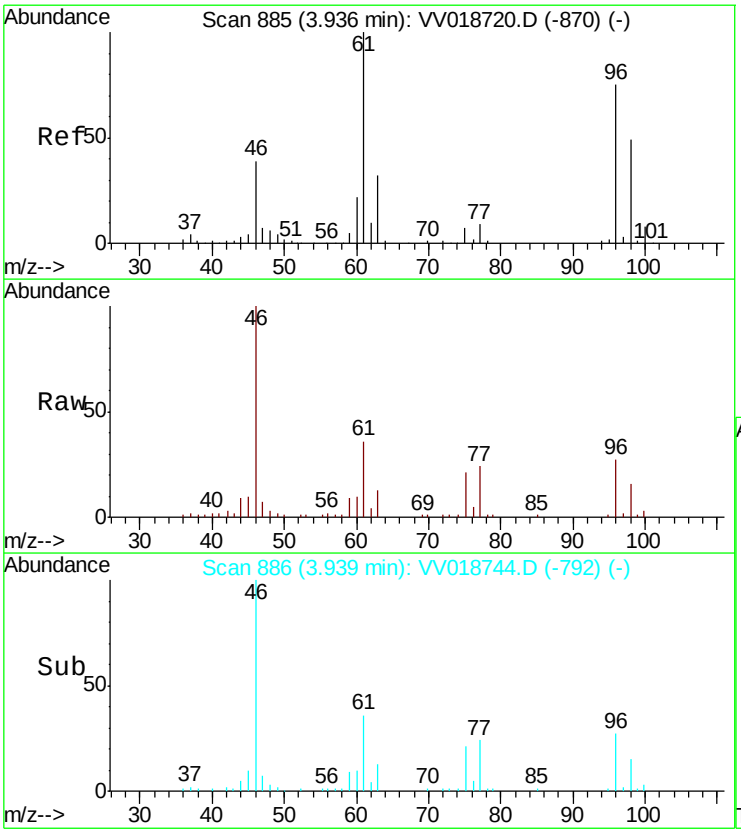
#13
Acetone
Concen: 3.633 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 4044

Ion	Ratio	Lower	Upper
43	100		
58	42.7	0.0	64.0

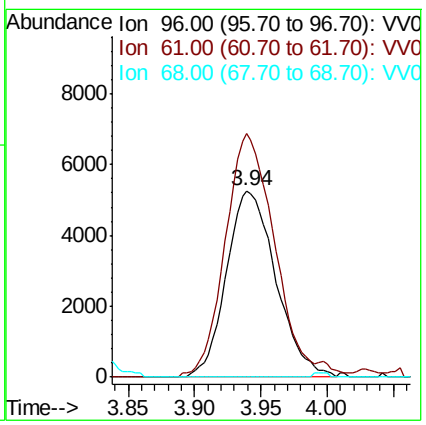


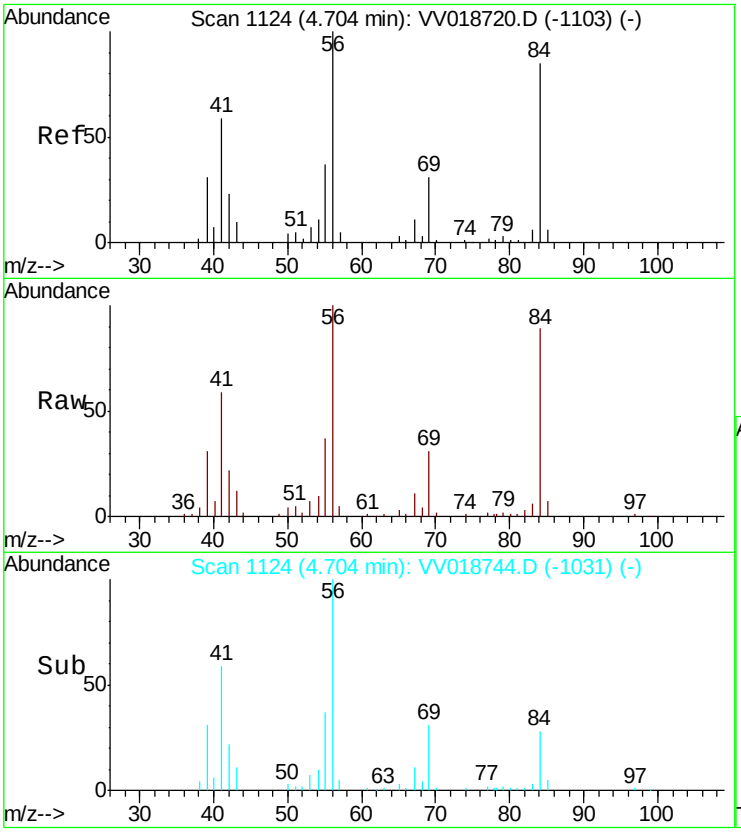


#20
cis-1,2-Dichloroethene
Concen: 6.106 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Tgt Ion: 96 Resp: 13652

Ion	Ratio	Lower	Upper
96	100		
61	130.8	86.8	161.2
68	0.0	0.0	0.0



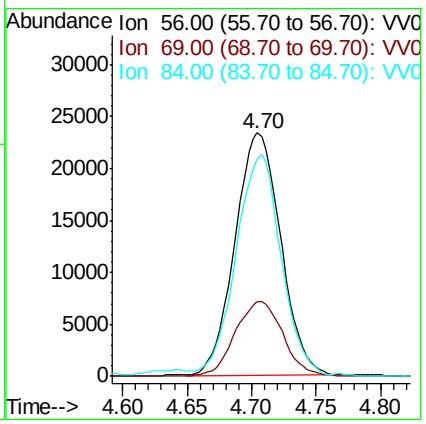


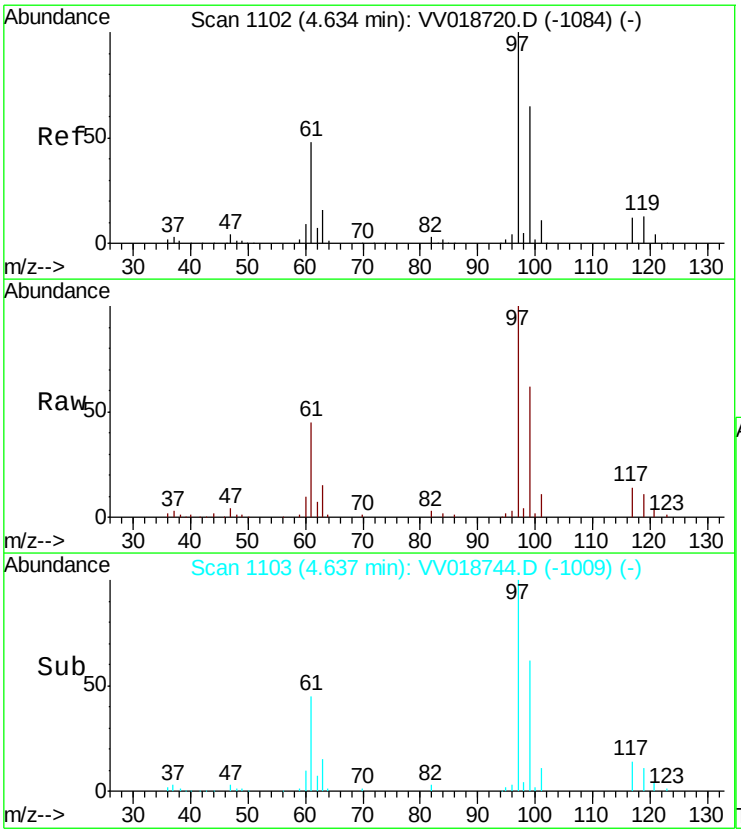
#29
Cyclohexane
Concen: 17.915 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 57880

Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.8	37.2
84	88.7	72.2	108.4

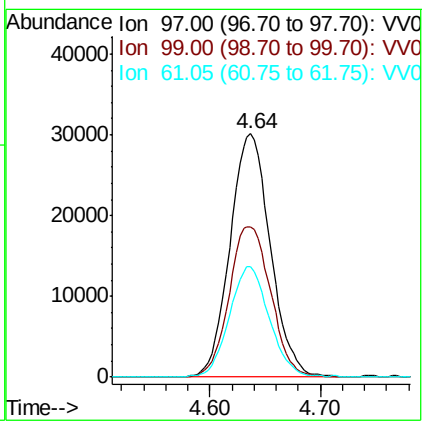


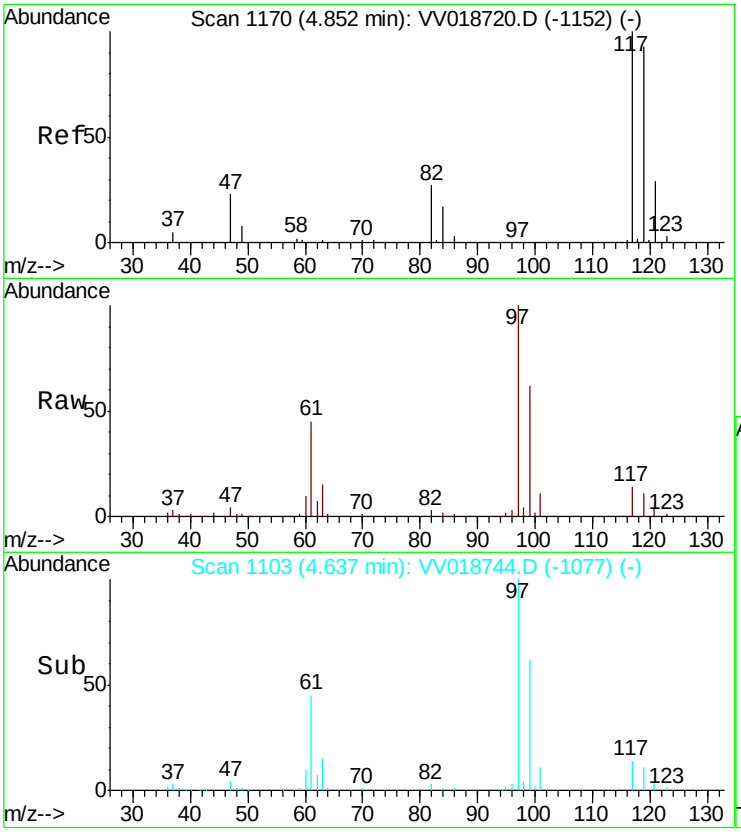


#30
1,1,1-Trichloroethane
Concen: 21.698 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Tgt Ion: 97 Resp: 76309

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	45.0	33.9	50.9



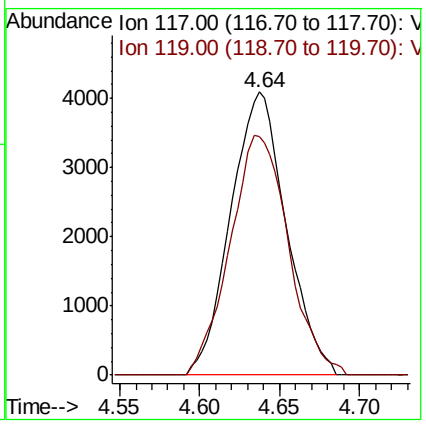


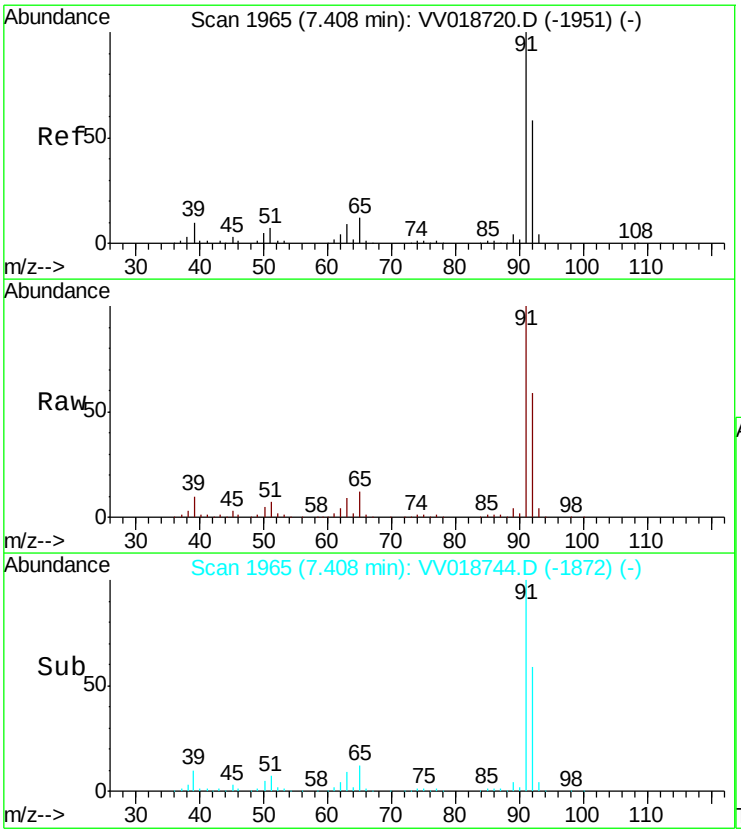
#31
Carbon tetrachloride
Concen: 3.088 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. -0.22 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 9747

Ion	Ratio	Lower	Upper
117	100		
119	89.2	77.0	115.6

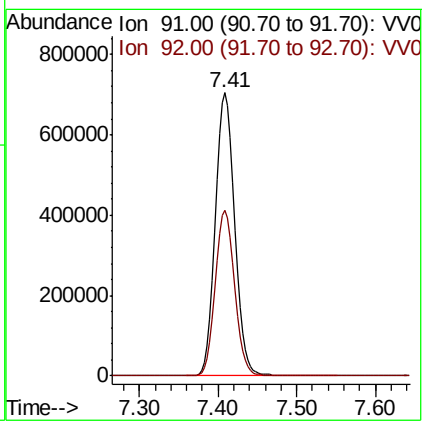


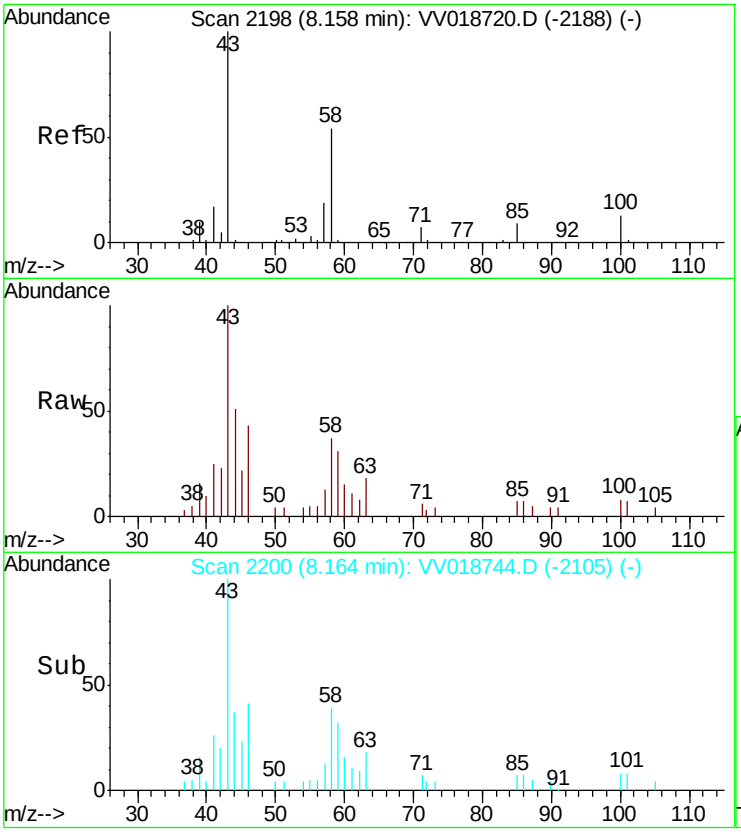


#42
Toluene
Concen: 132.768 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Tgt Ion: 91 Resp: 1195312

Ion	Ratio	Lower	Upper
91	100		
92	58.6	41.6	77.3



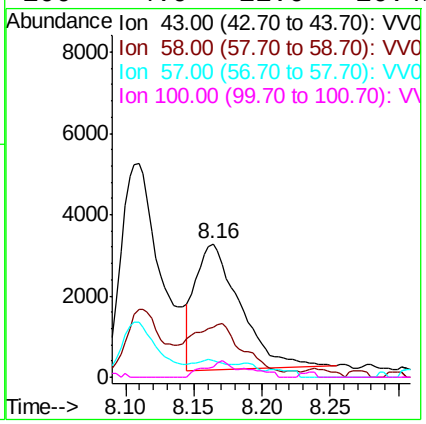


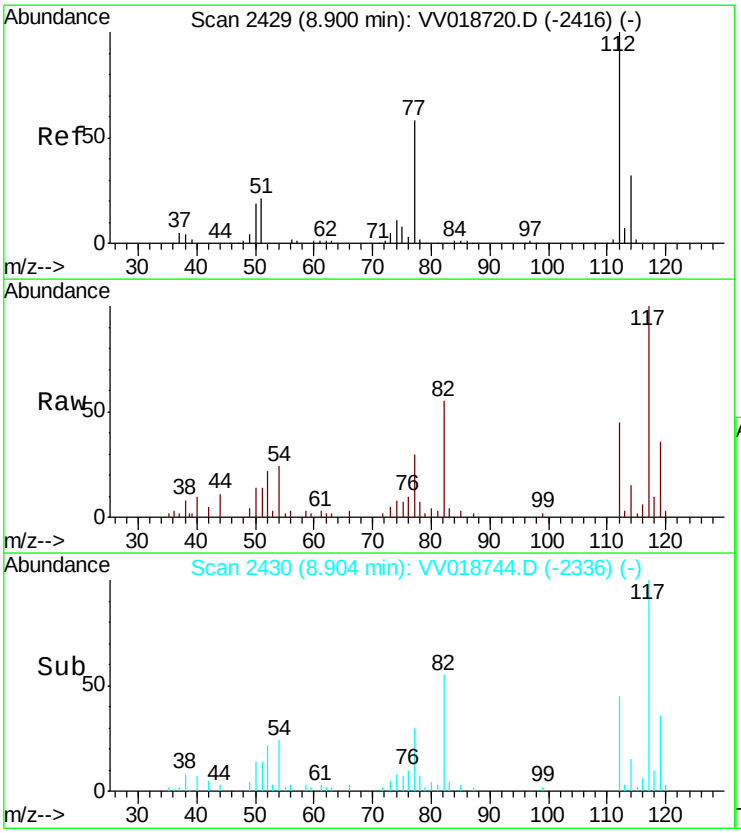
#48
2-Hexanone
Concen: 3.278 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 7047

Ion	Ratio	Lower	Upper
43	100		
58	50.9	45.1	67.7
57	2.2	15.7	23.5#
100	4.9	11.0	16.4#

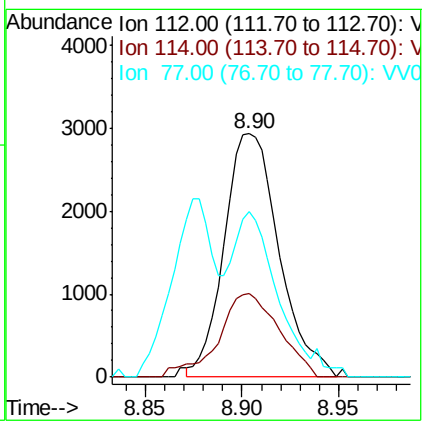


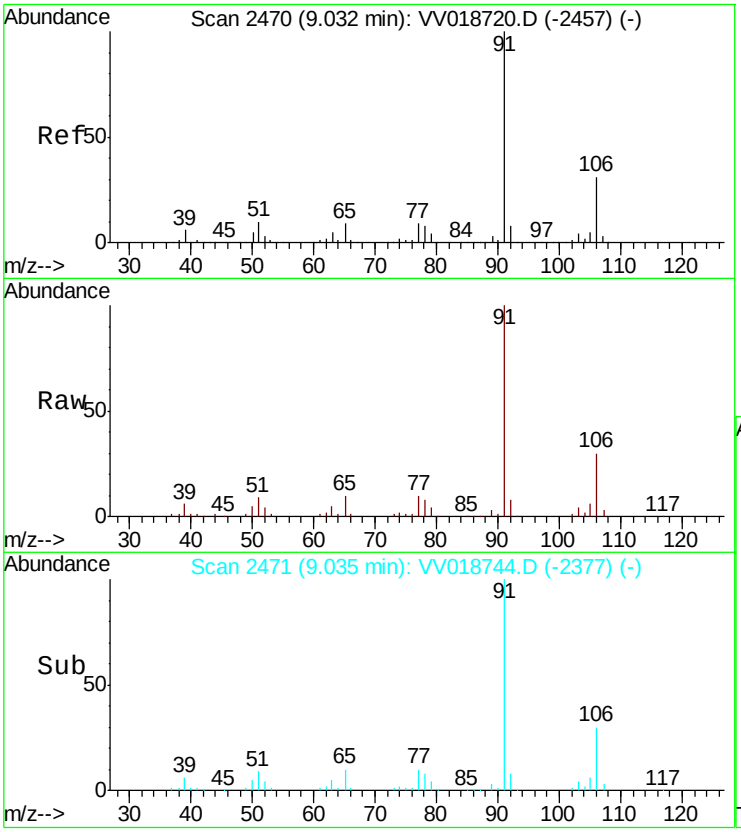


#51
Chlorobenzene
Concen: 0.948 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Tgt Ion:112 Resp: 5775

Ion	Ratio	Lower	Upper
112	100		
114	34.2	22.4	41.6
77	67.8	44.8	67.2#



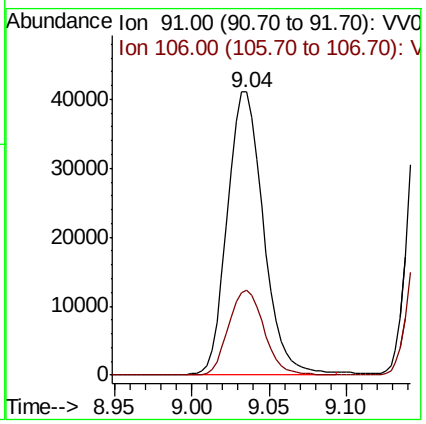


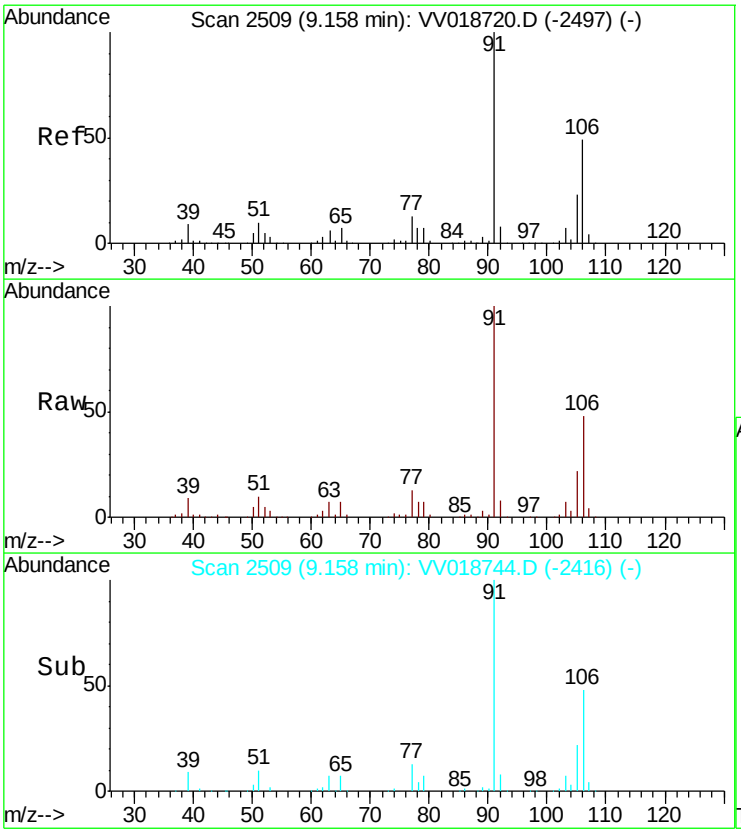
#52
Ethylbenzene
Concen: 6.636 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 66719

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.9	40.7

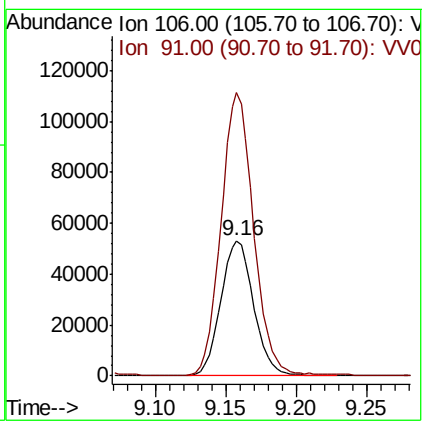


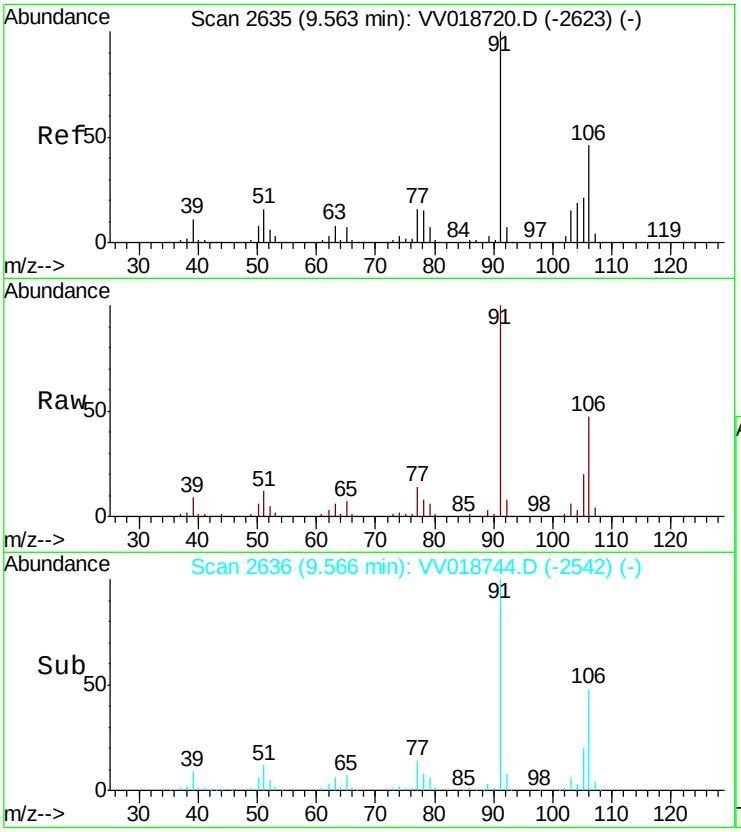


#53
m,p-Xylene
Concen: 22.216 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Tgt Ion:106 Resp: 86322

Ion	Ratio	Lower	Upper
106	100		
91	208.9	142.3	264.3



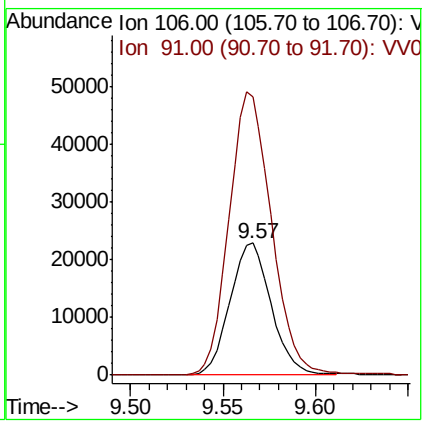


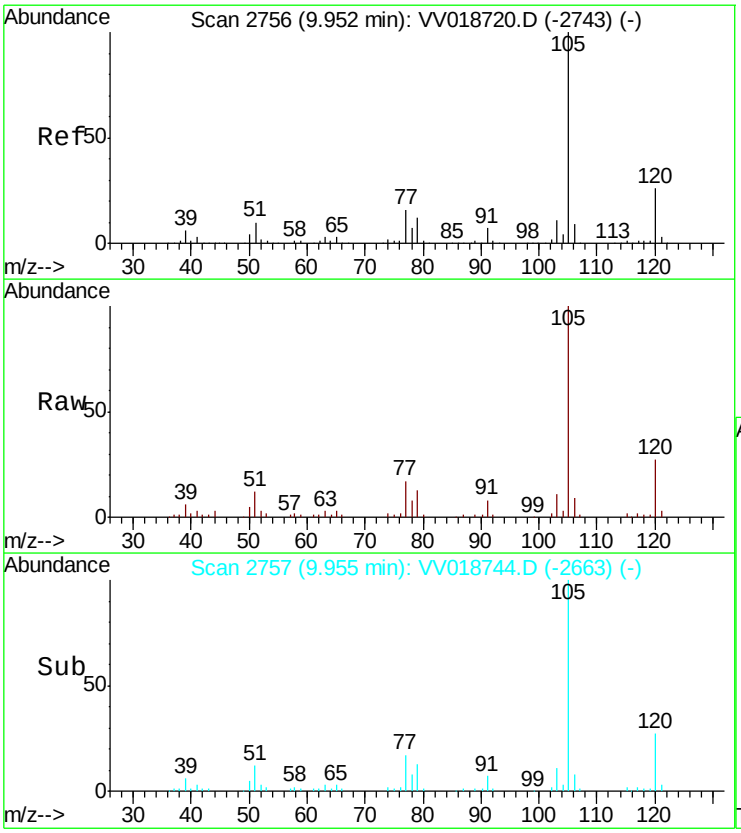
#54
o-xylene
Concen: 9.599 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 35311

Ion	Ratio	Lower	Upper
106	100		
91	210.7	151.0	280.4

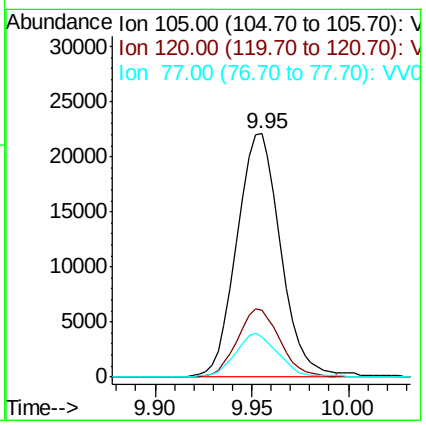


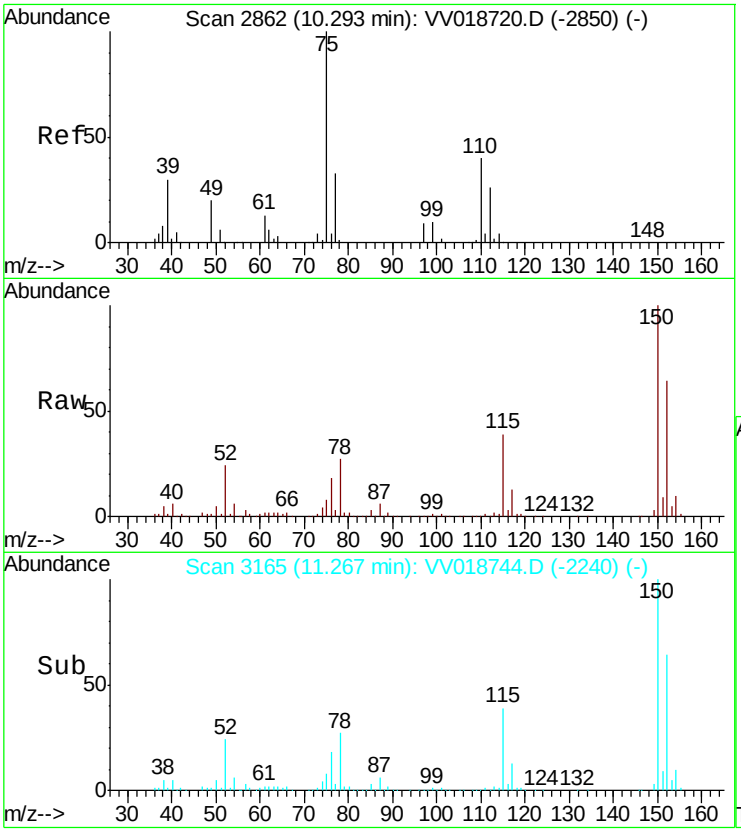


#56
Isopropylbenzene
Concen: 3.529 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Tgt Ion:105 Resp: 34818

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.5	32.3
77	17.7	12.2	18.2



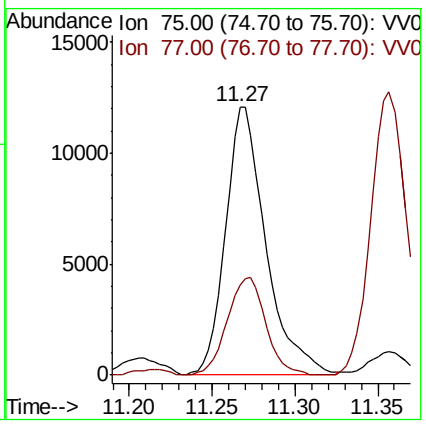


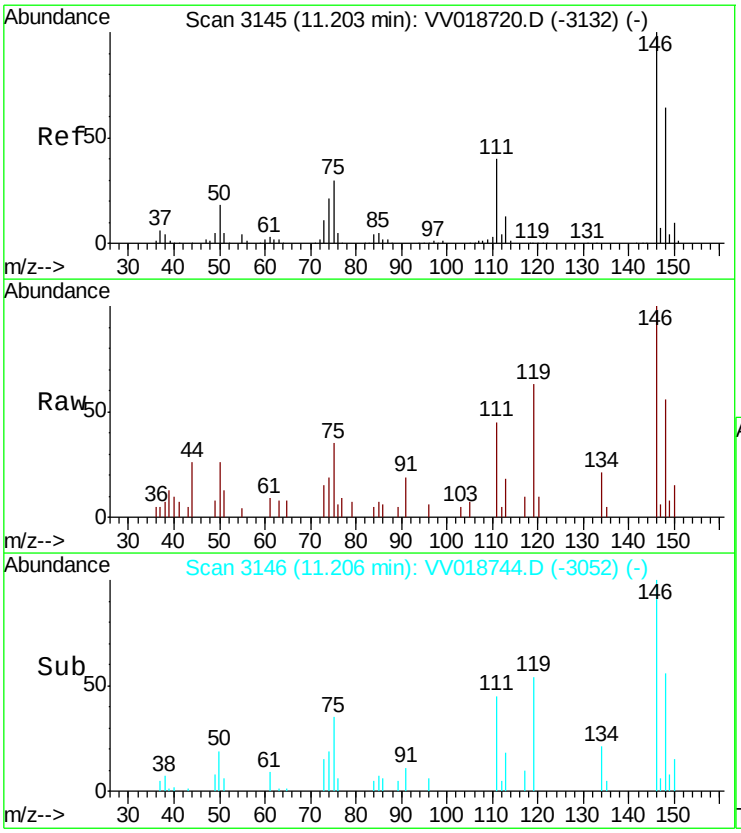
#59
1,2,3-Trichloropropane
Concen: 7.901 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 20521

Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.4	38.0

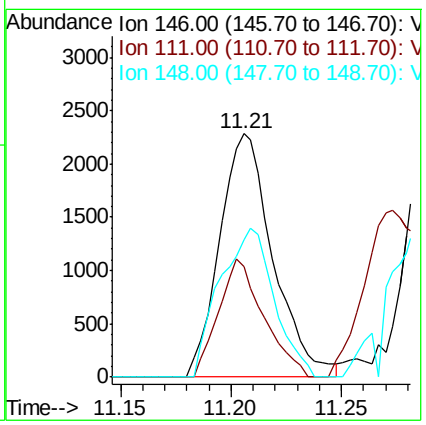


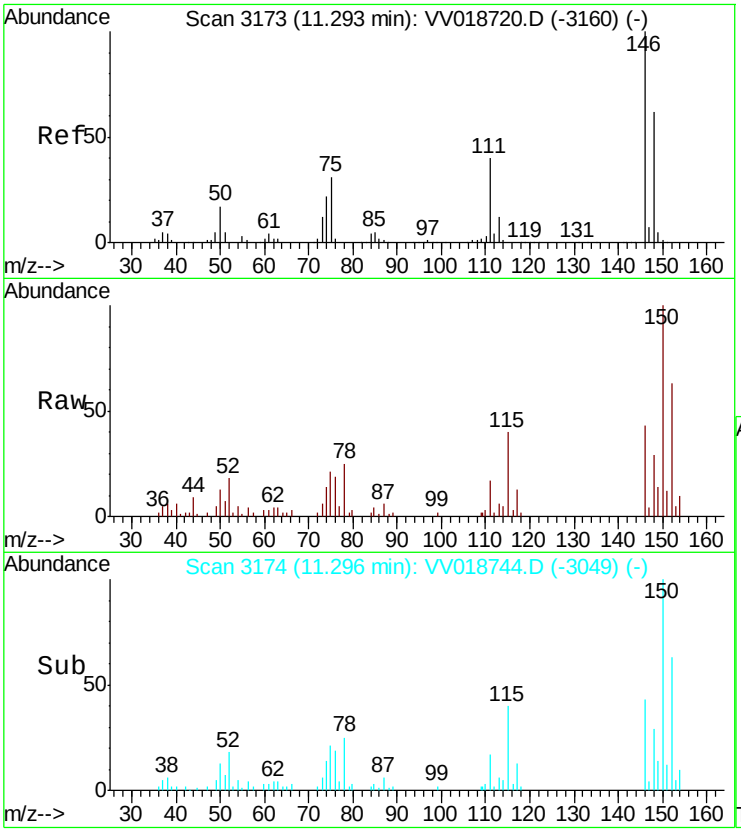


#62
1,3-Dichlorobenzene
Concen: 0.783 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Tgt Ion:146 Resp: 3821

Ion	Ratio	Lower	Upper
146	100		
111	45.2	26.8	49.8
148	56.3	44.0	81.8



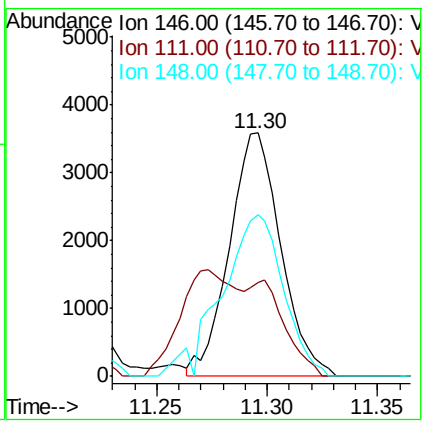


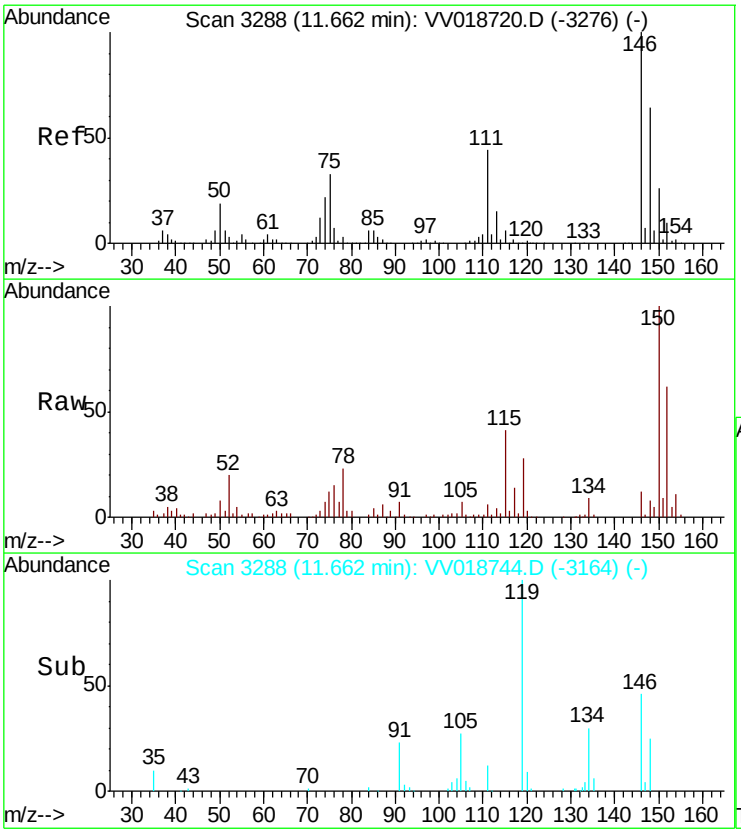
#63
1,4-Dichlorobenzene
Concen: 1.158 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 5819

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.2	48.6
148	66.2	44.4	82.5

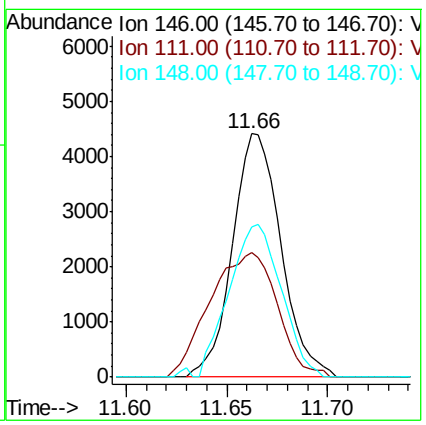


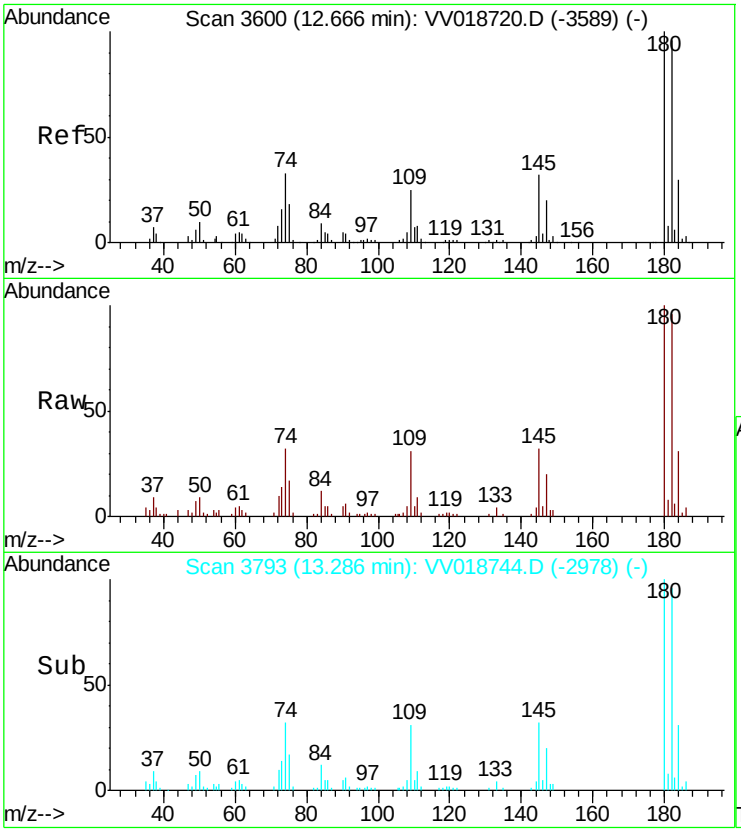


#65
1,2-Dichlorobenzene
Concen: 1.542 ug/L
RT: 11.66 min Scan# 3288
Delta R.T. -0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Tgt Ion:146 Resp: 7444

Ion	Ratio	Lower	Upper
146	100		
111	51.1	32.8	49.2#
148	61.4	51.9	77.9



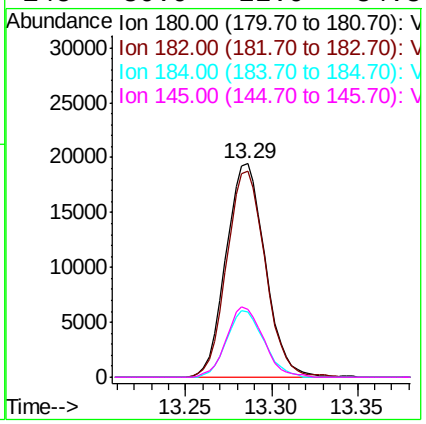


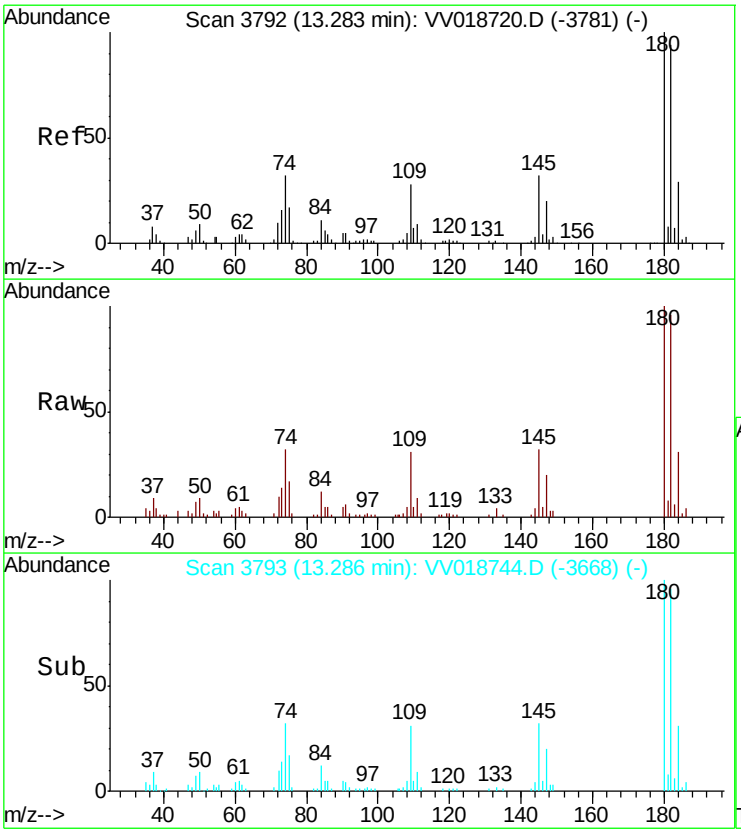
#67
1,3,5-Trichlorobenzene
Concen: 9.129 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.62 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 30859

Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.1	115.7
184	29.5	24.3	36.5
145	30.9	22.9	34.3

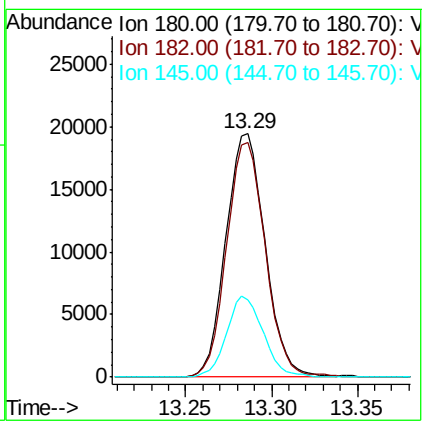


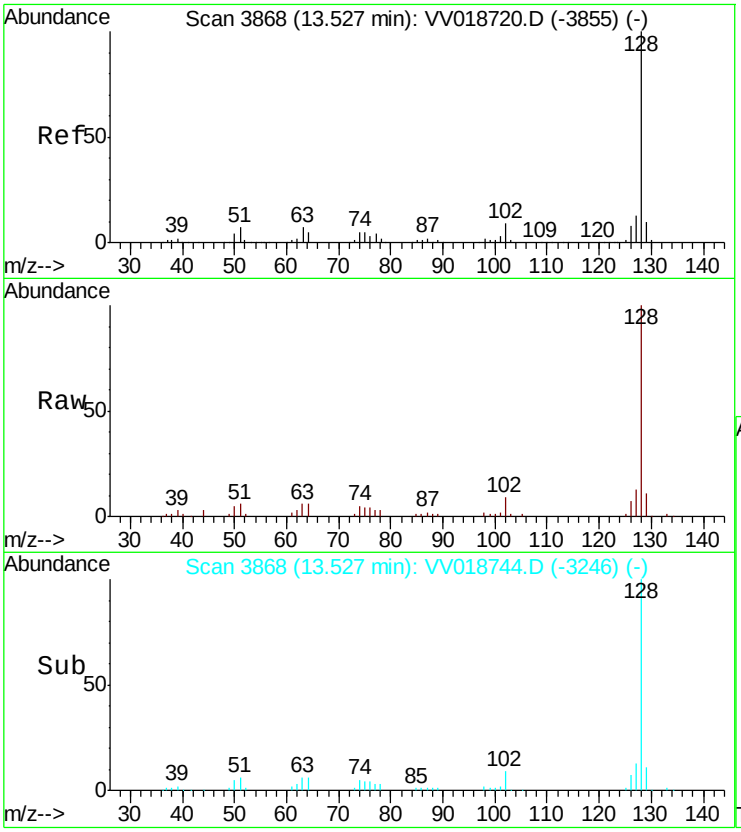


#68
1,2,4-trichlorobenzene
Concen: 9.810 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Tgt Ion:180 Resp: 30859

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.3	114.5
145	30.9	23.6	35.4



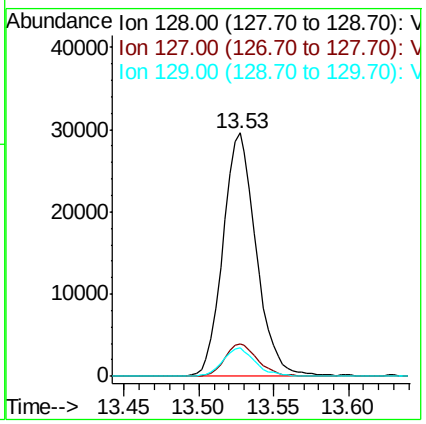


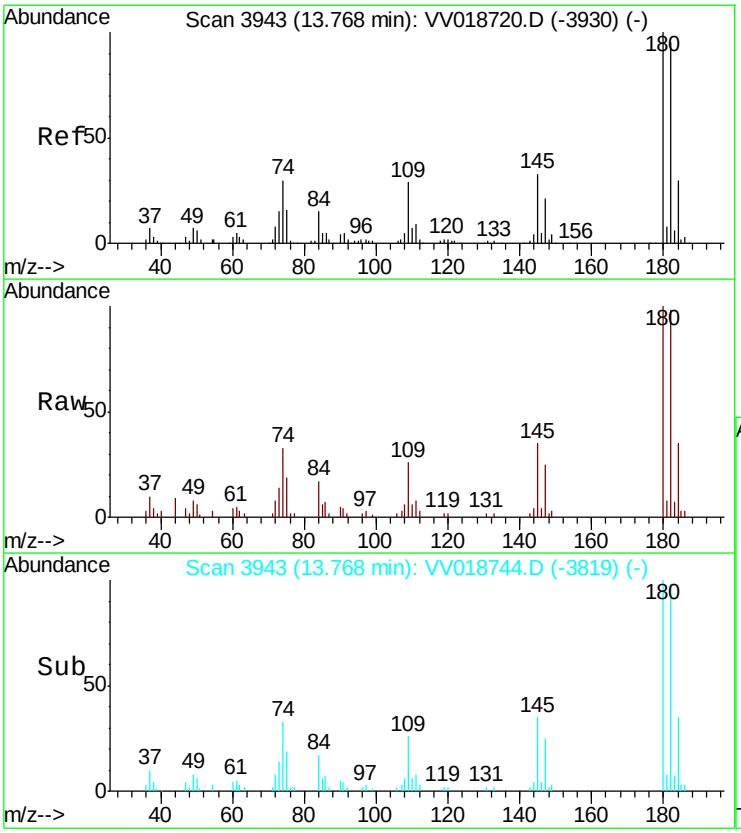
#69
Naphthalene
Concen: 5.091 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 45844

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.3	8.6	12.8





#70
1,2,3-Trichlorobenzene
Concen: 4.360 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. -0.00 min
Lab File: VV018744.D
Acq: 07 Oct 2020 21:46

Tgt Ion:180 Resp: 13769

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.1	115.7
145	32.7	25.1	37.7