Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\NOT REVIEWED DATA\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

Quant Time: Oct 13 16:18:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 13 13:10:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	186202	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	183417	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	94073	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	148922	88.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 176.04%#			
7) Chloroethane-d5	1.58	69	127791	93.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 187.68%#			
11) 1,1-Dichloroethene-d2	2.12	63	229771	70.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 140.88%#			
21) 2-Butanone-d5	3.90	46	227159	218.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 218.67%#			
24) Chloroform-d	4.38	84	292706	98.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 196.12%#			
26) 1,2-Dichloroethane-d4	5.05	65	210112	103.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 207.68%#			
32) Benzene-d6	5.07	84	595130	100.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 201.64%#			
36) 1,2-Dichloropropane-d6	6.09	67	191792	99.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 199.30%#			
41) Toluene-d8	7.34	98	523777	99.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 199.92%#			
43) trans-1,3-Dichloropropene-	7.64	79	91787	97.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 195.12%#			
47) 2-Hexanone-d5	8.11	63	123209	182.64	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 182.64%#			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193675	87.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 174.94%#			
64) 1,2-Dichlorobenzene-d4	11.65	152	219415	105.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 210.78%#			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1965	1.468	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1713	1.329	ug/L #	1
20) cis-1,2-Dichloroethene	3.95	96	1836	1.277	ug/L	96
29) Cyclohexane	4.71	56	2807	1.264	ug/L	96
30) 1,1,1-Trichloroethane	4.64	97	2505	1.025	ug/L #	67
42) Toluene	7.41	91	48063	8.041	ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	4075	1.761	ug/L #	73
46) Tetrachloroethene	8.00	164	1442	1.175	ug/L	91
48) 2-Hexanone	8.16	43	27355	16.682	ug/L #	80
49) Dibromochloromethane	8.00	129	1233	0.786	ug/L #	10
52) Ethylbenzene	9.04	91	12563	1.851	ug/L	97
53) m,p-Xylene	9.16	106	12117	4.863	ug/L	93
54) o-xylene	9.57	106	6442	2.722	ug/L	94
56) Isopropylbenzene	9.95	105	9976	1.524	ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	11813	6.211	ug/L	91
67) 1,3,5-Trichlorobenzene	13.29	180	3873	1.950	ug/L	96
68) 1,2,4-trichlorobenzene	13.29	180	3873	2.073	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\NOT REVIEWED DATA\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

Quant Time: Oct 13 16:18:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 13 13:10:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) Naphthalene	13.53	128	15363	2.919	ug/L		98
70) 1,2,3-Trichlorobenzene	13.77	180	1654	0.892	ug/L	#	93

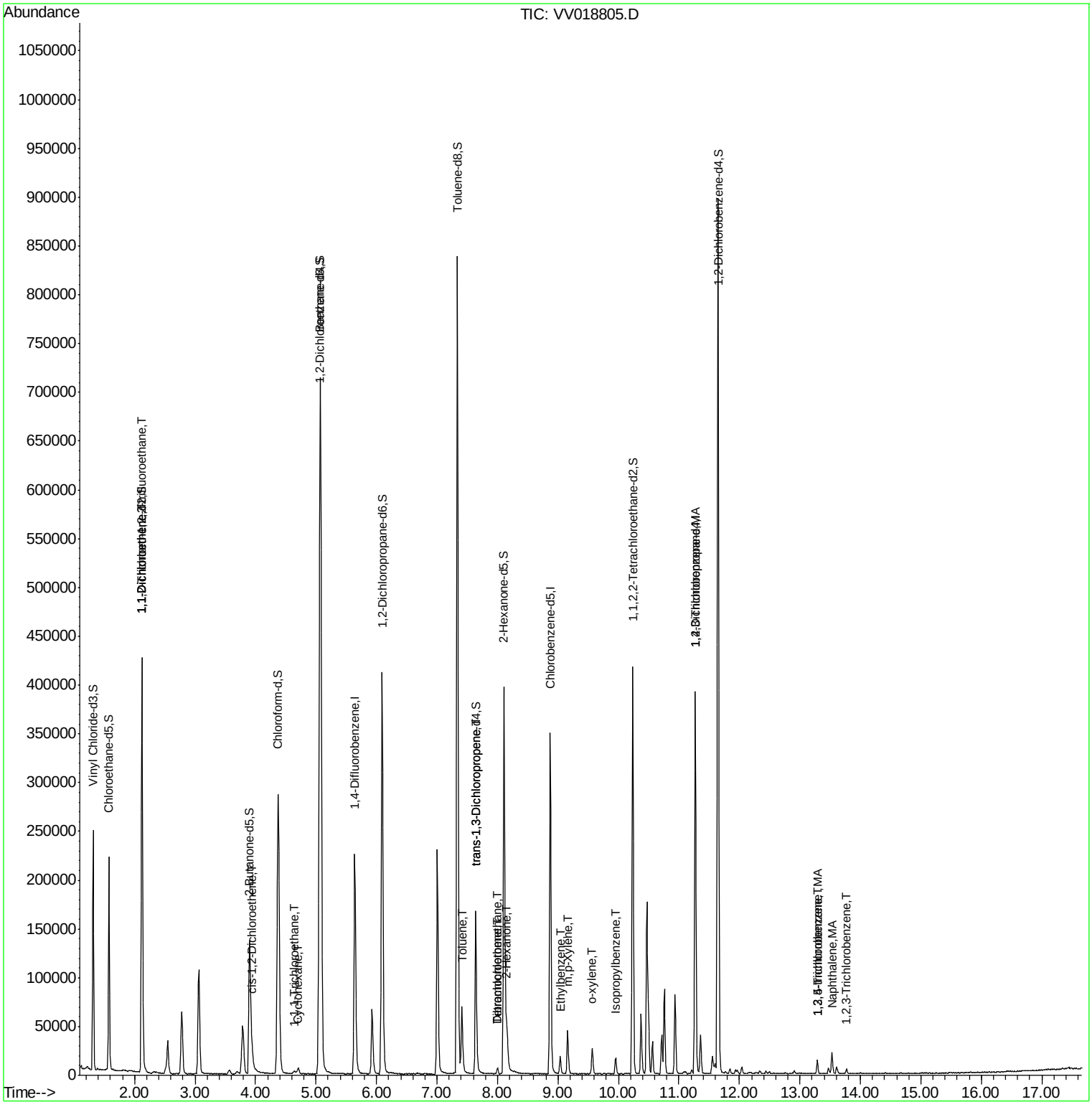
(#) = qualifier out of range (m) = manual integration (+) = signals summed

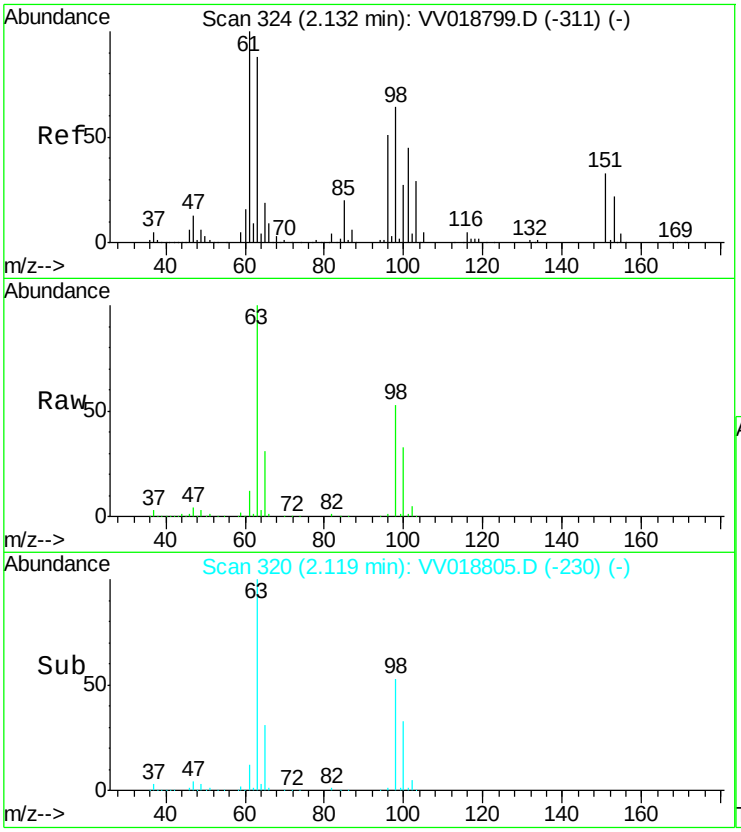
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\NOT REVIEWED DATA\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Quant Time: Oct 13 16:18:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 13 13:10:06 2020
Response via : Initial Calibration



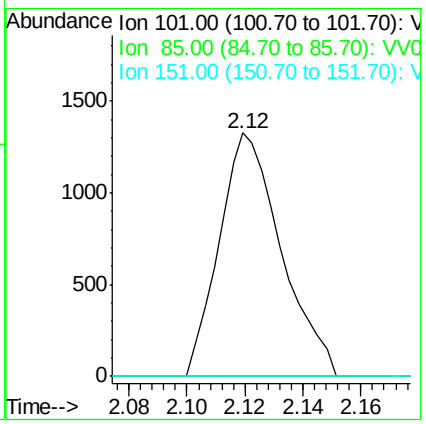


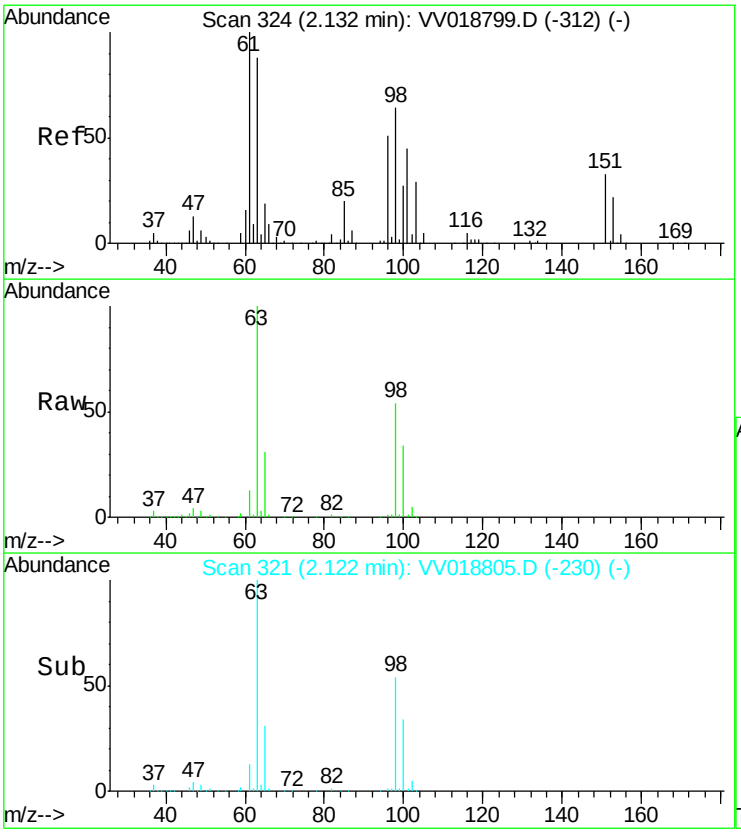
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.468 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion:101 Resp: 1965

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.9	53.9#
151	0.0	59.8	89.8#

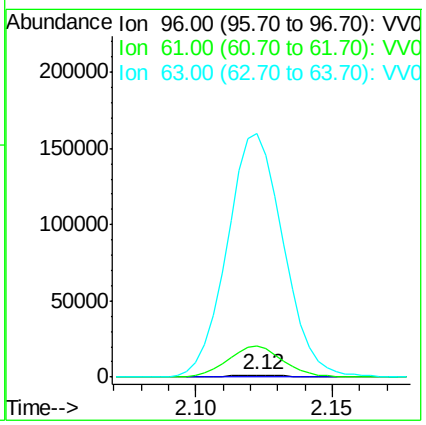


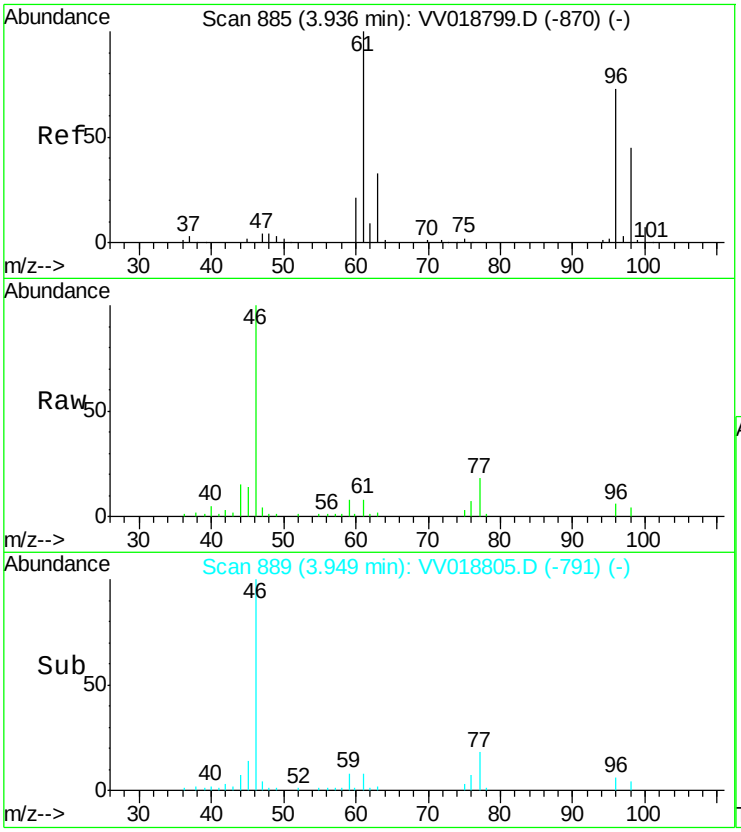


#12
1,1-Dichloroethene
Concen: 1.329 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Tgt Ion: 96 Resp: 1713

Ion	Ratio	Lower	Upper
96	100		
61	1658.2	133.6	248.0#
63	13051.0	108.4	201.4#



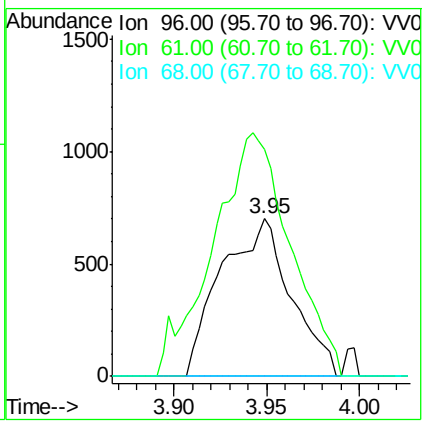


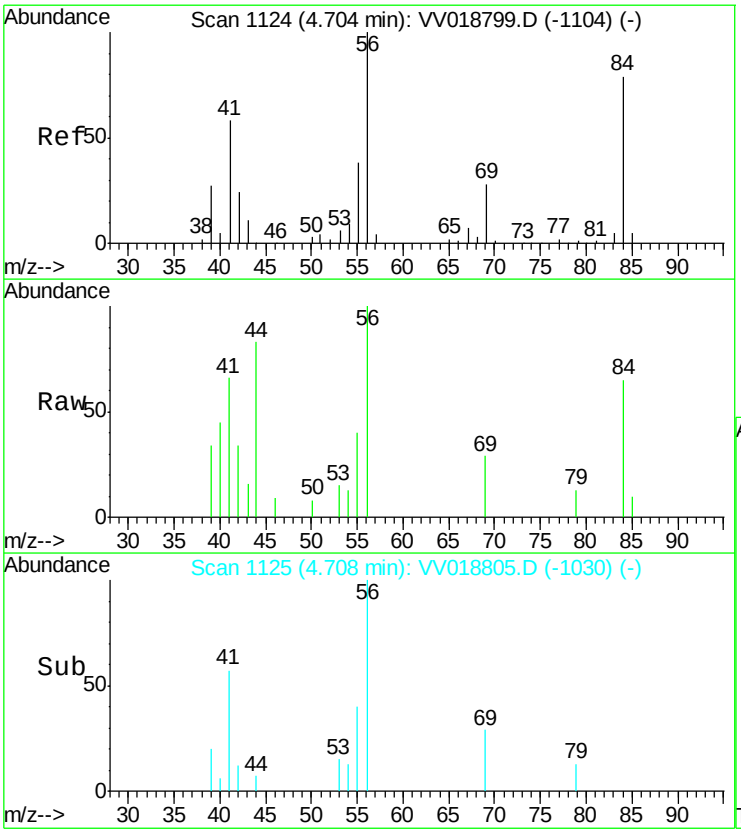
#20
cis-1,2-Dichloroethene
Concen: 1.277 ug/L
RT: 3.95 min Scan# 889
Delta R.T. 0.02 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion: 96 Resp: 1836

Ion	Ratio	Lower	Upper
96	100		
61	144.1	97.3	180.7
68	0.0	0.0	0.0

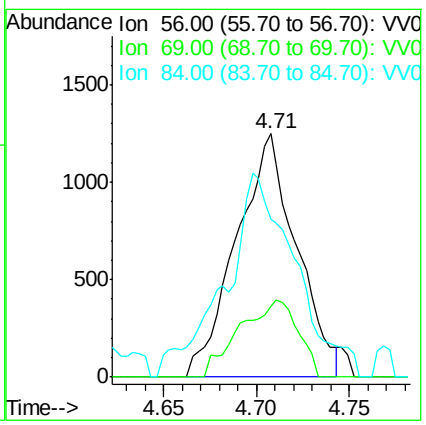


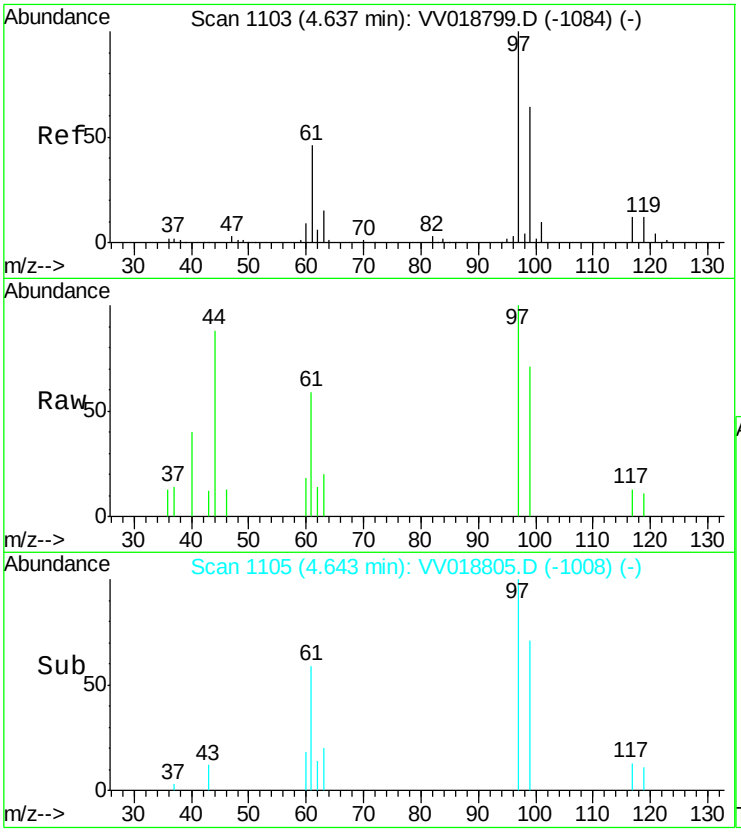


#29
Cyclohexane
Concen: 1.264 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Tgt Ion: 56 Resp: 2807

Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.1	34.7
84	76.6	65.2	97.8



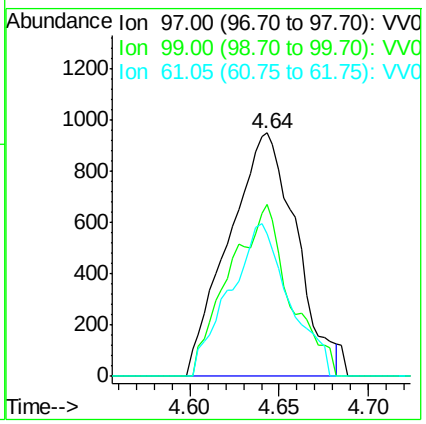


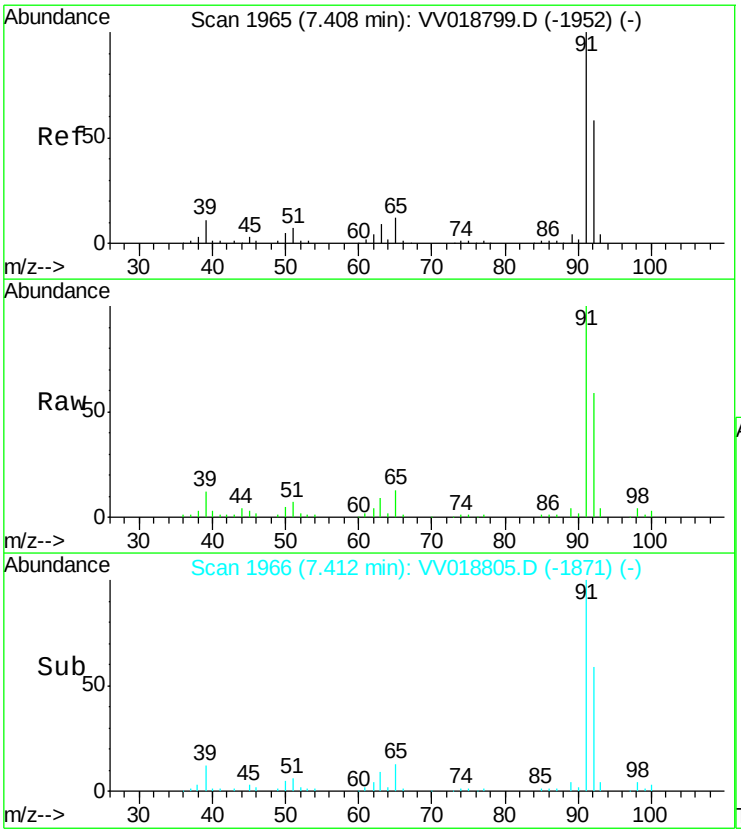
#30
1,1,1-Trichloroethane
Concen: 1.025 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. 0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion: 97 Resp: 2505

Ion	Ratio	Lower	Upper
97	100		
99	27.4	51.0	76.4#
61	55.6	37.0	55.4#

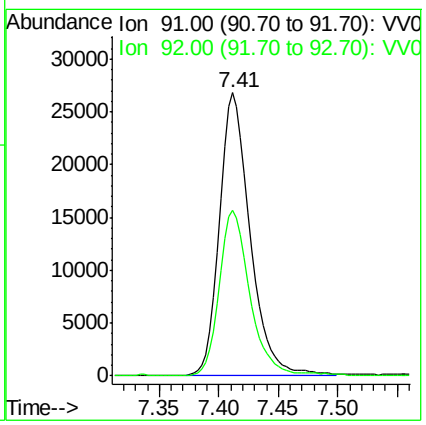


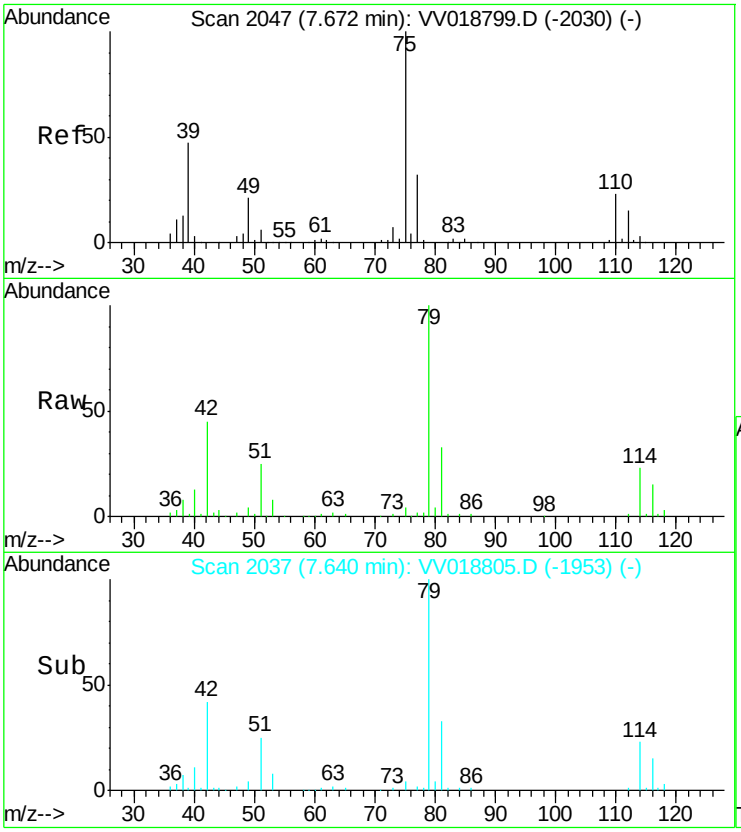


#42
Toluene
Concen: 8.041 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Tgt Ion: 91 Resp: 48063

Ion	Ratio	Lower	Upper
91	100		
92	58.5	39.8	74.0



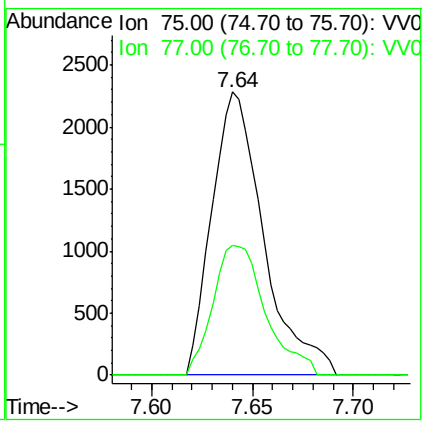


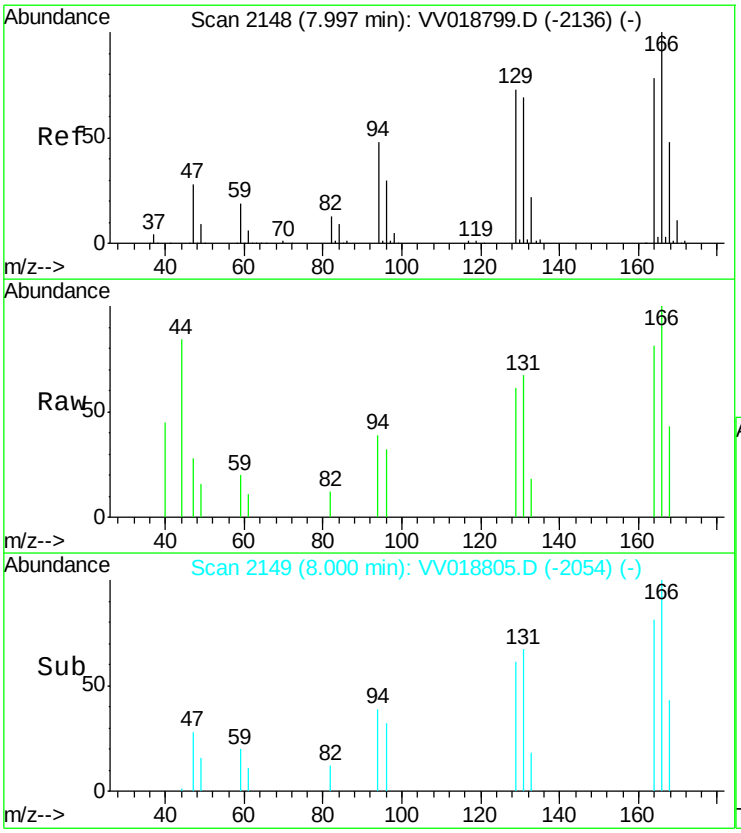
#44
trans-1,3-Dichloropropene
Concen: 1.761 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion: 75 Resp: 4075

Ion	Ratio	Lower	Upper
75	100		
77	45.9	21.8	40.6#

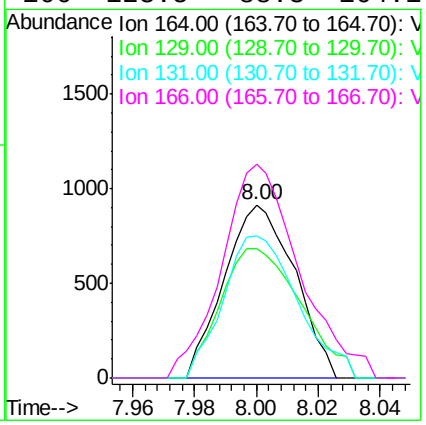


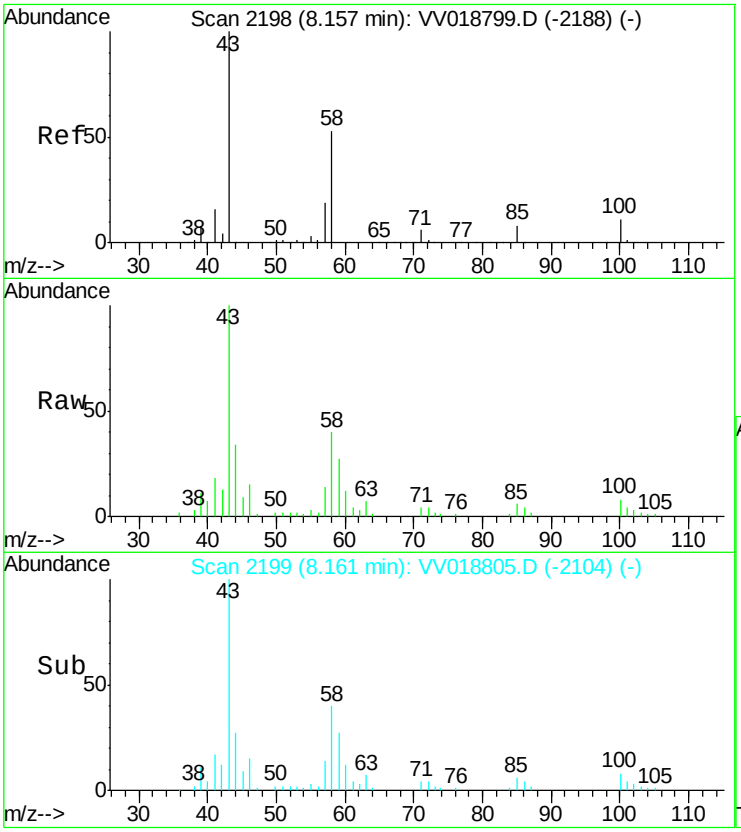


#46
Tetrachloroethene
Concen: 1.175 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Tgt Ion:164 Resp: 1442

Ion	Ratio	Lower	Upper
164	100		
129	74.9	64.6	120.0
131	82.4	63.6	118.0
166	123.5	88.3	164.1



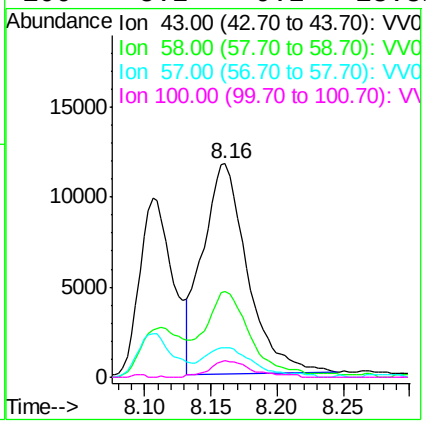


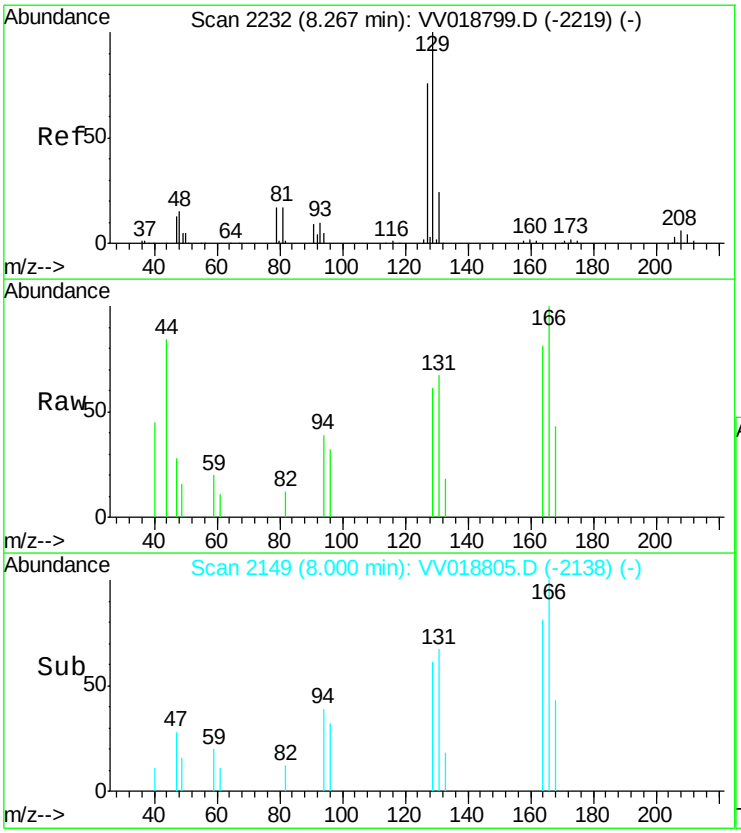
#48
2-Hexanone
Concen: 16.682 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Instrument : MSVOA_V
ClientSampleId : VIBLK71

Tgt Ion: 43 Resp: 27355

Ion	Ratio	Lower	Upper
43	100		
58	35.3	41.8	62.8#
57	12.8	14.9	22.3#
100	5.2	9.2	13.8#

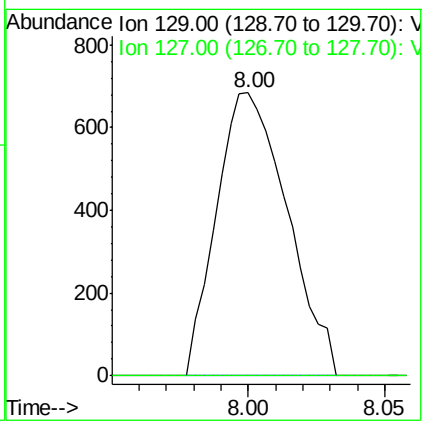


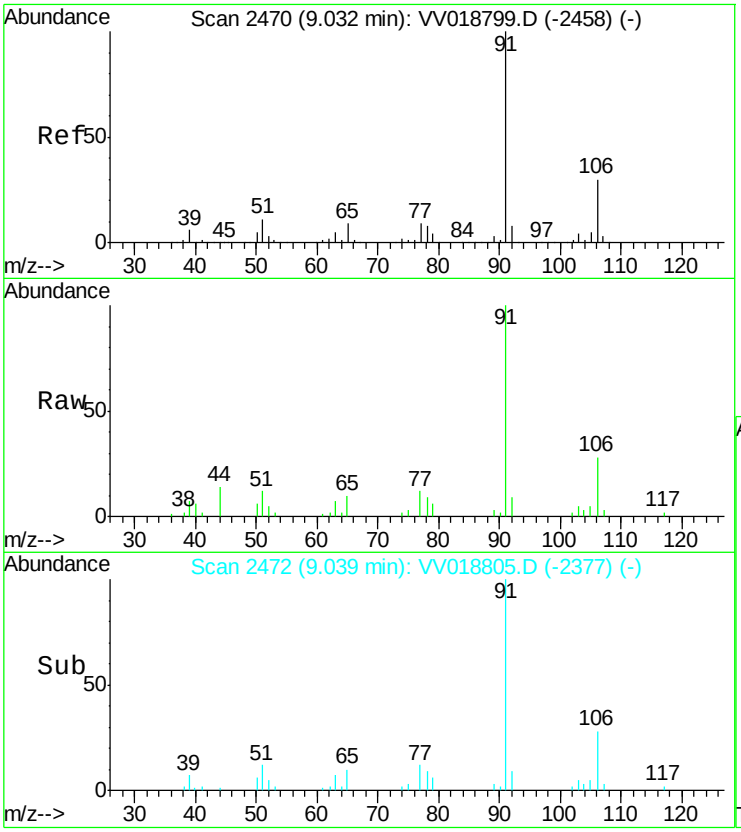


#49
Dibromochloromethane
Concen: 0.786 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.26 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Tgt Ion:129 Resp: 1233

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#



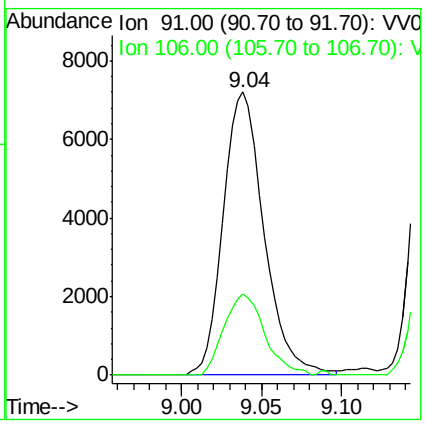


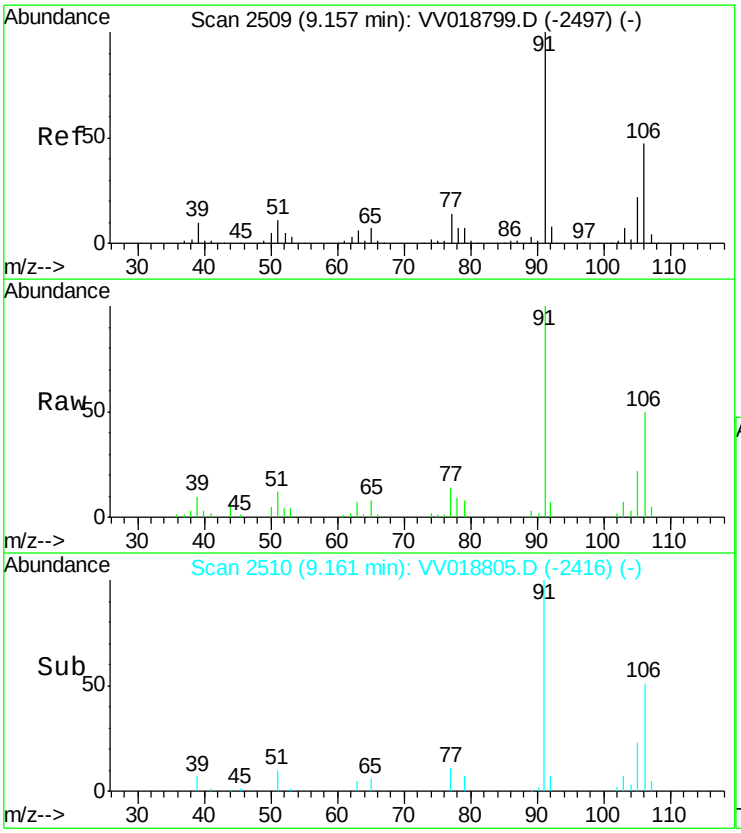
#52
Ethylbenzene
Concen: 1.851 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion: 91 Resp: 12563

Ion	Ratio	Lower	Upper
91	100		
106	28.5	20.9	38.9

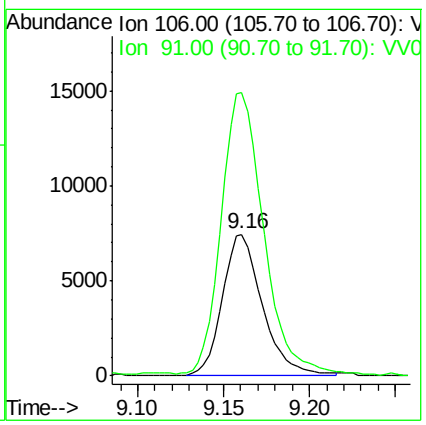


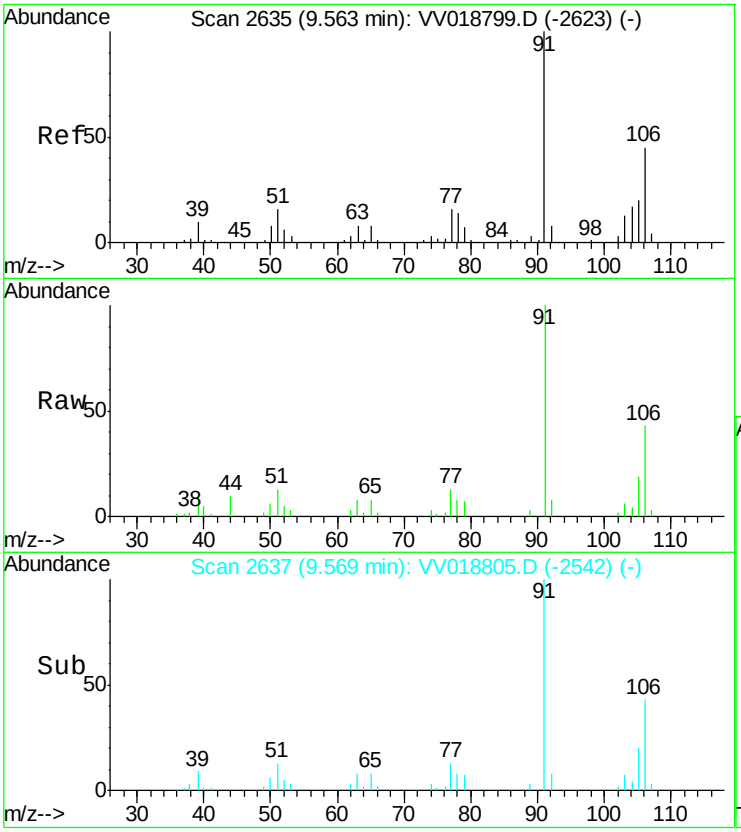


#53
m,p-Xylene
Concen: 4.863 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Tgt Ion:106 Resp: 12117

Ion	Ratio	Lower	Upper
106	100		
91	199.9	147.1	273.1



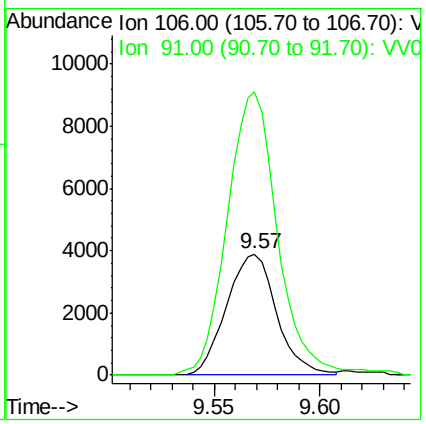


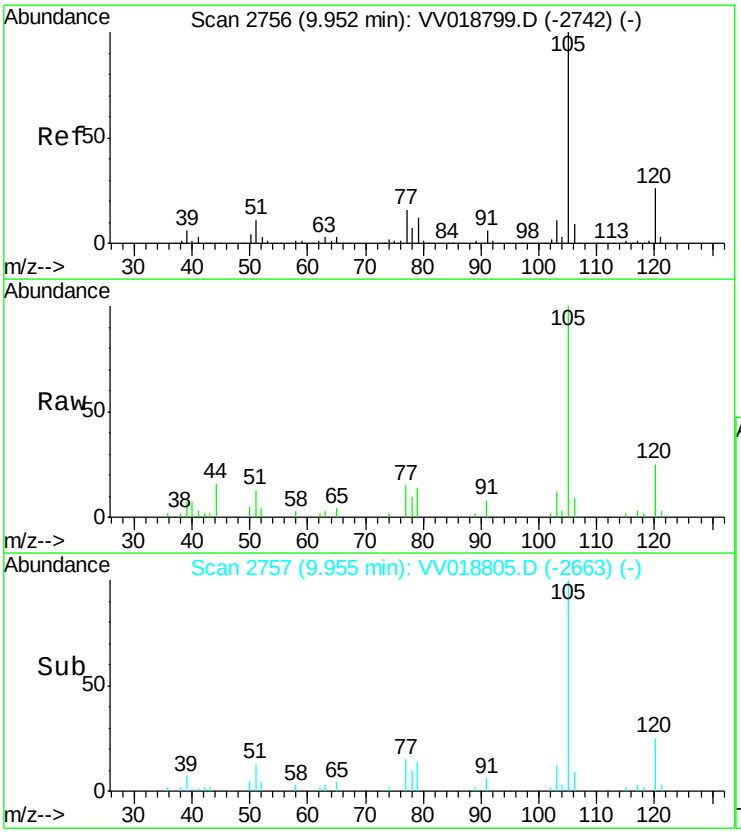
#54
o-xylene
Concen: 2.722 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion:106 Resp: 6442

Ion	Ratio	Lower	Upper
106	100		
91	234.0	156.8	291.2

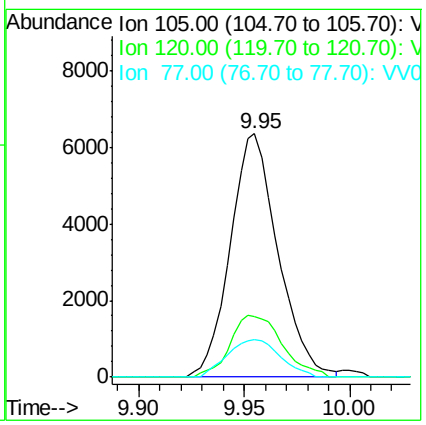


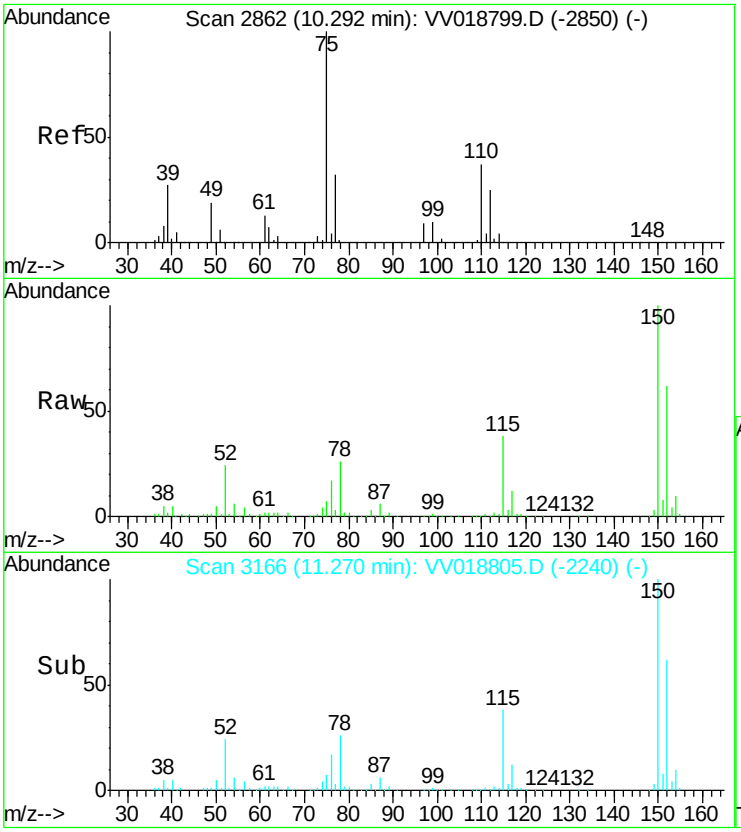


#56
Isopropylbenzene
Concen: 1.524 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Tgt Ion:105 Resp: 9976

Ion	Ratio	Lower	Upper
105	100		
120	27.8	20.4	30.6
77	17.0	13.0	19.6



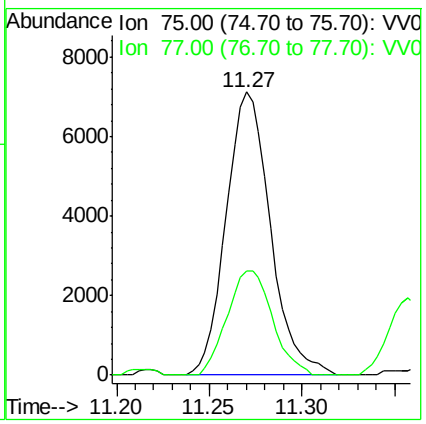


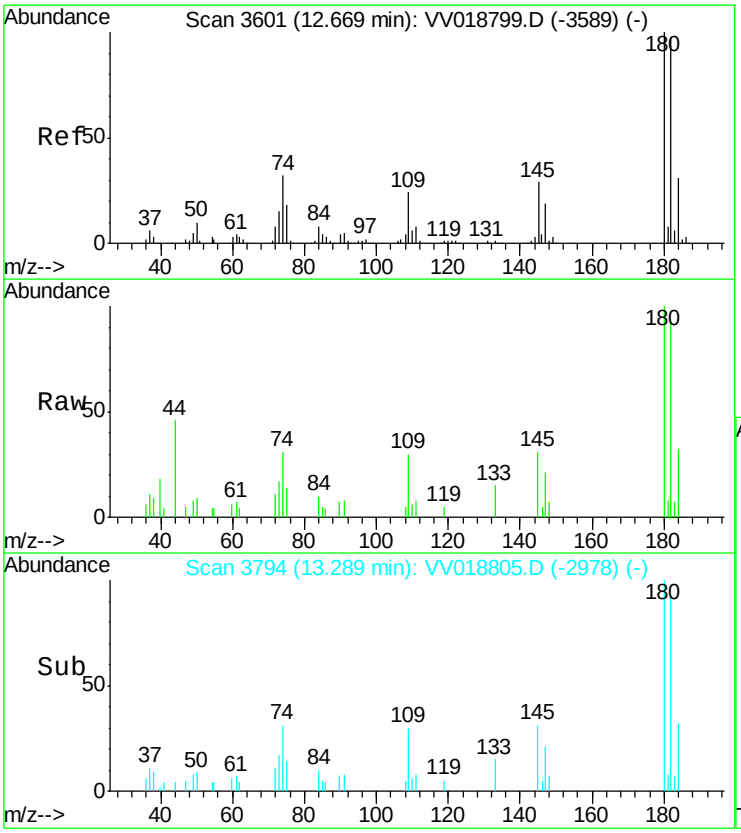
#59
1,2,3-Trichloropropane
Concen: 6.211 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion: 75 Resp: 11813

Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.9	38.9

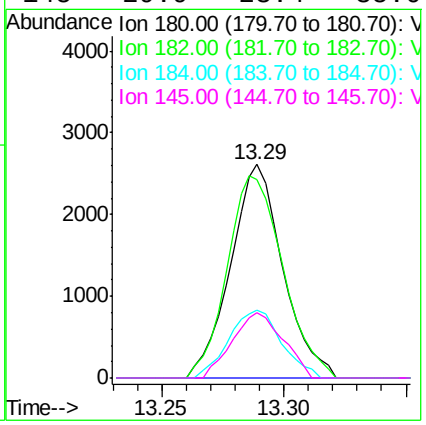


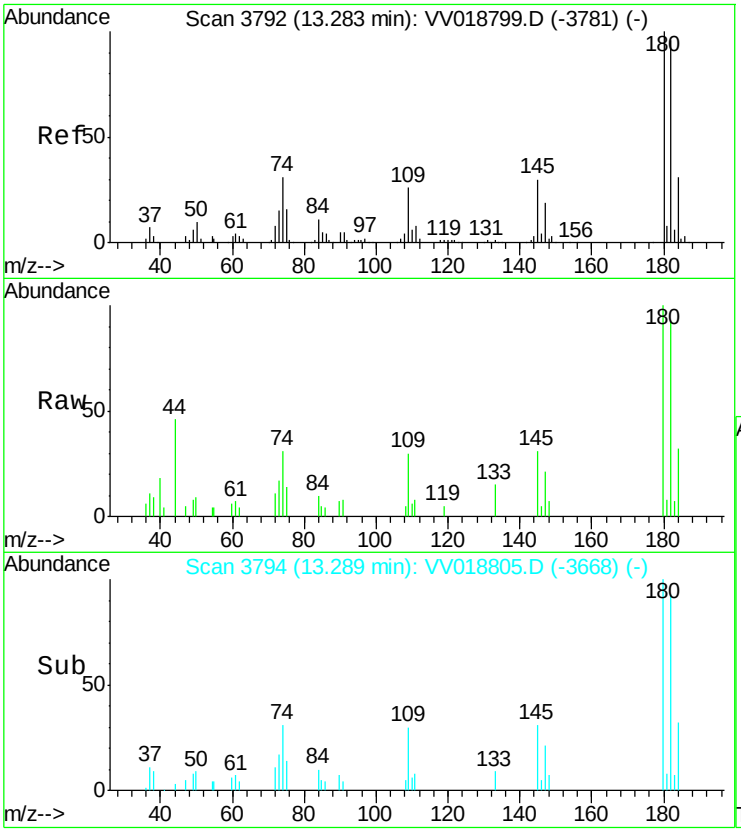


#67
1,3,5-Trichlorobenzene
Concen: 1.950 ug/L
RT: 13.29 min Scan# 3794
Delta R.T. 0.62 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Tgt Ion:180 Resp: 3873

Ion	Ratio	Lower	Upper
180	100		
182	101.0	77.0	115.6
184	32.4	24.6	37.0
145	29.9	23.4	35.0



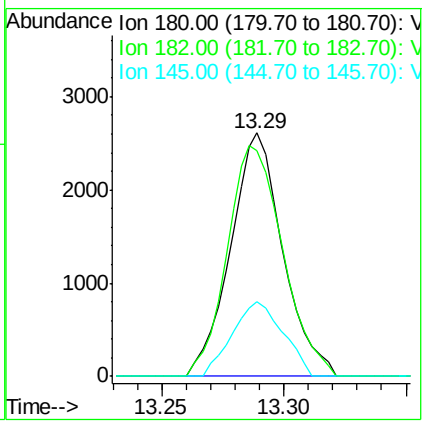


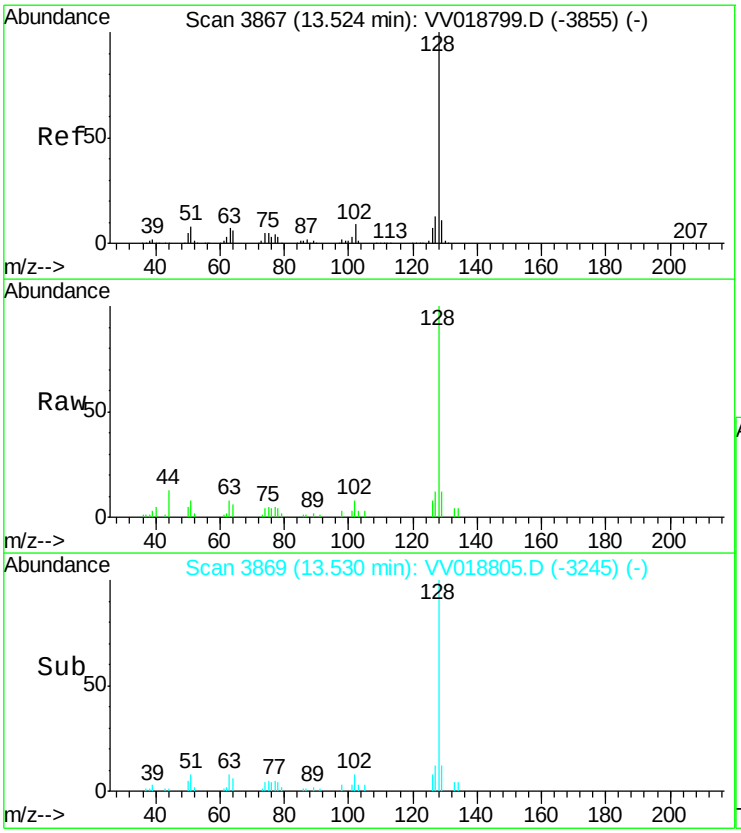
#68
1,2,4-trichlorobenzene
Concen: 2.073 ug/L
RT: 13.29 min Scan# 3794
Delta R.T. 0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion:180 Resp: 3873

Ion	Ratio	Lower	Upper
180	100		
182	101.0	76.7	115.1
145	29.9	24.0	36.0

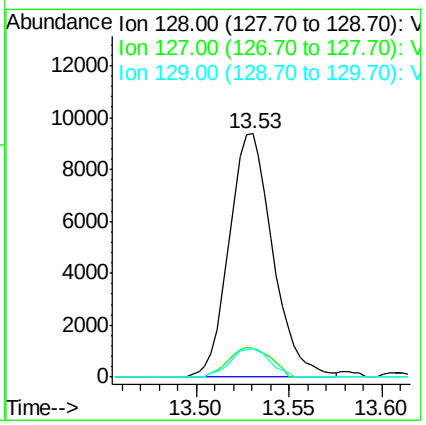


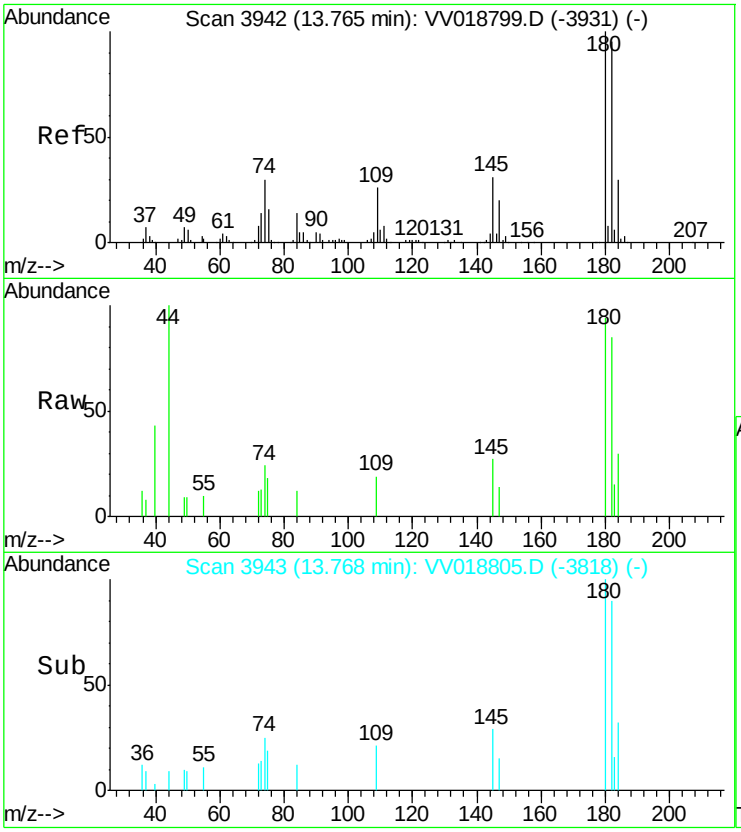


#69
Naphthalene
Concen: 2.919 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.01 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Tgt Ion:128 Resp: 15363

Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.4	15.6
129	10.5	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 0.892 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VV018805.D
Acq: 09 Oct 2020 09:43

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Tgt Ion:180 Resp: 1654

Ion	Ratio	Lower	Upper
180	100		
182	98.4	75.9	113.9
145	22.2	25.2	37.8#