Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031020\
Data File : VV014808.D
Acq On : 10 Mar 2020 17:50
Operator : SY/MD
Sample : L1834-19DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Mar 11 03:51:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 11 03:49:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	394043	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	387493	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	194522	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	97842	36.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.38%			
7) Chloroethane-d5	1.58	69	82504	39.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.28%			
11) 1,1-Dichloroethene-d2	2.12	63	135474	30.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.14%			
21) 2-Butanone-d5	3.93	46	162238	81.57	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.57%			
24) Chloroform-d	4.38	84	229066	45.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.74%			
26) 1,2-Dichloroethane-d4	5.06	65	157526	45.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.86%			
32) Benzene-d6	5.08	84	476432	46.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.14%			
36) 1,2-Dichloropropane-d6	6.10	67	149211	44.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.00%			
41) Toluene-d8	7.34	98	452953	45.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	7.64	79	69144	41.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.52%			
47) 2-Hexanone-d5	8.12	63	152893	101.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.55%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	211452	45.33	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.66%			
64) 1,2-Dichlorobenzene-d4	11.65	152	191364	49.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.26%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1505	0.688	ug/L #	16
16) Methylene chloride	2.53	84	1959	0.674	ug/L	80
25) Chloroform	4.41	83	32238	6.025	ug/L	96
27) 1,2-Dichloroethane	5.13	62	7170	1.729	ug/L #	75
33) Benzene	5.13	78	1017172	90.610	ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	3882	0.816	ug/L #	74
48) 2-Hexanone	8.12	43	16186	4.681	ug/L #	58
51) Chlorobenzene	8.90	112	778706	97.724	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	110642	17.589	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	478072	75.436	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	658876	105.209	ug/L	99
67) 1,3,5-Trichlorobenzene	13.28	180	74006	15.212	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	74006	16.551	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	33572	7.532	ug/L	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031020\
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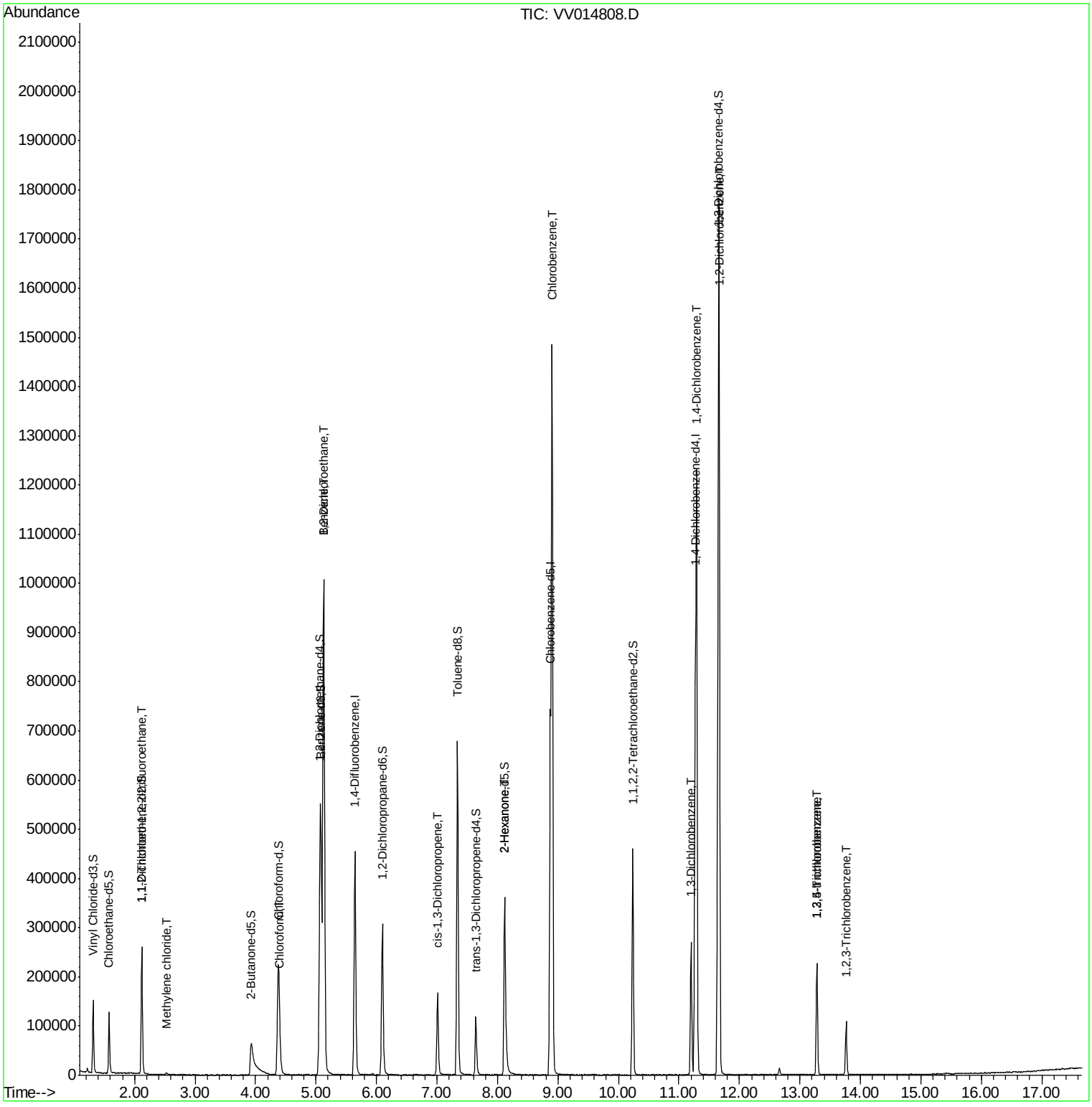
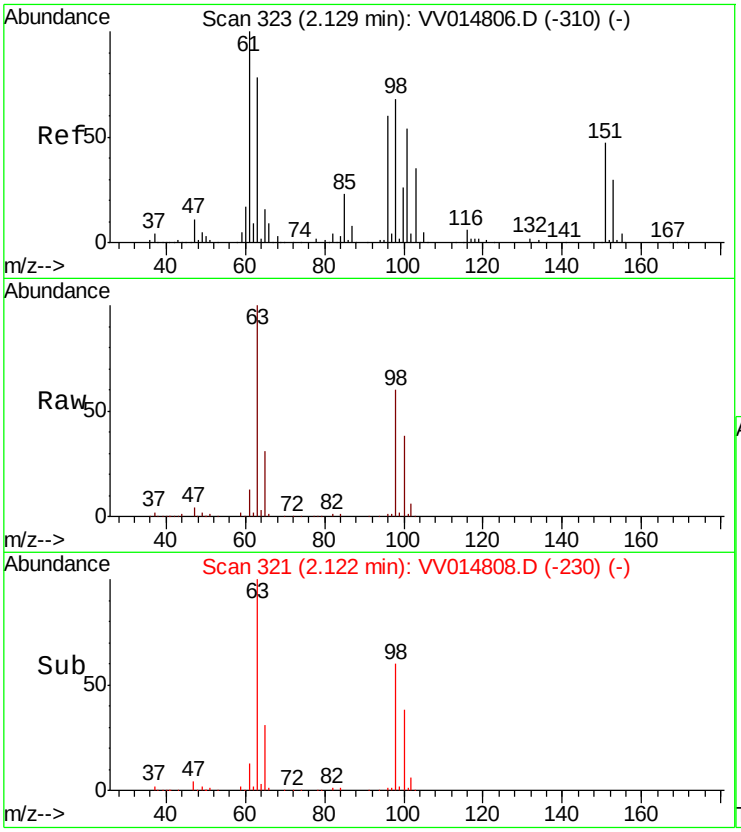
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 11 03:51:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 11 03:49:31 2020
Response via : Initial Calibration



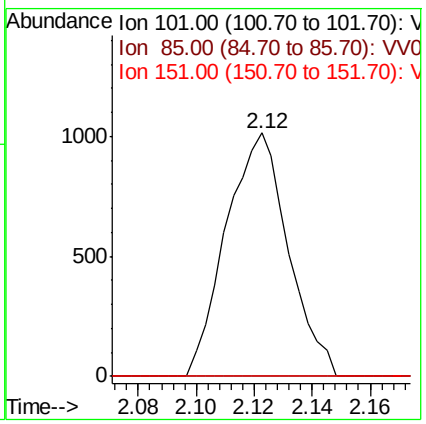


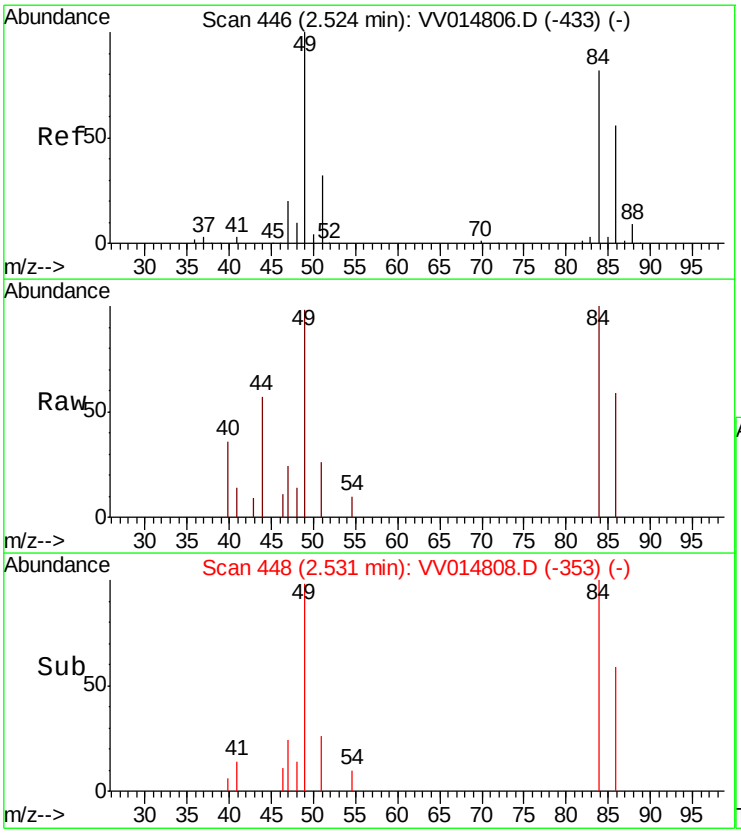
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.688 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1505

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.0	52.6#
151	0.0	66.4	99.6#

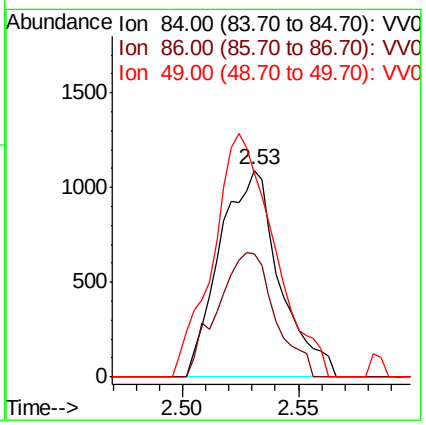


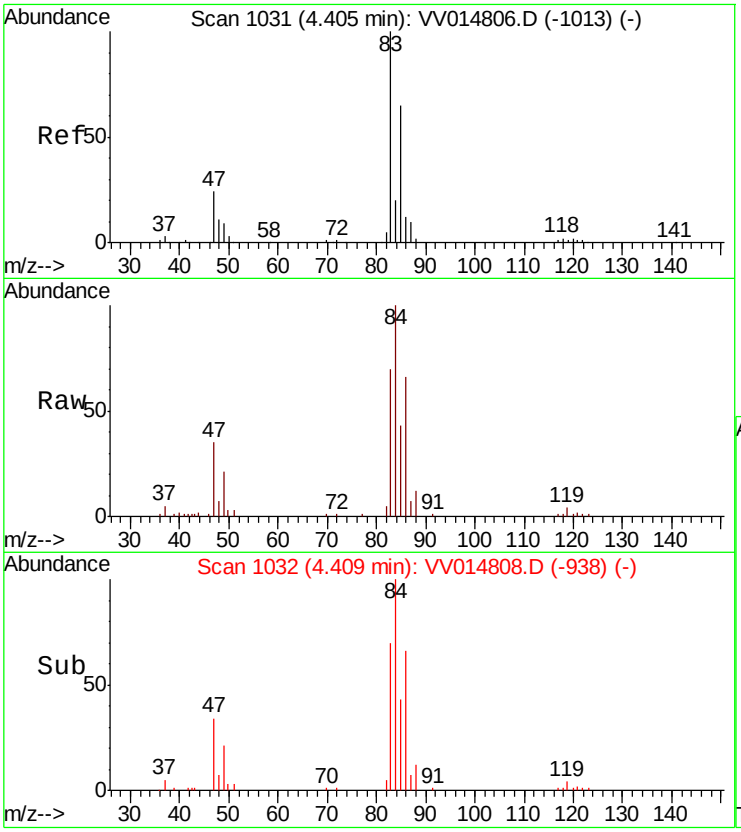


#16
Methylene chloride
Concen: 0.674 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Tgt Ion: 84 Resp: 1959

Ion	Ratio	Lower	Upper
84	100		
86	59.5	47.3	87.9
49	98.4	88.7	164.7



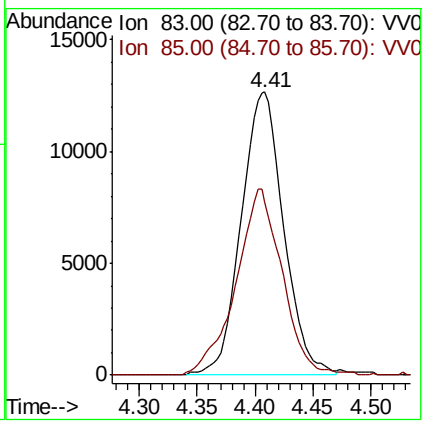


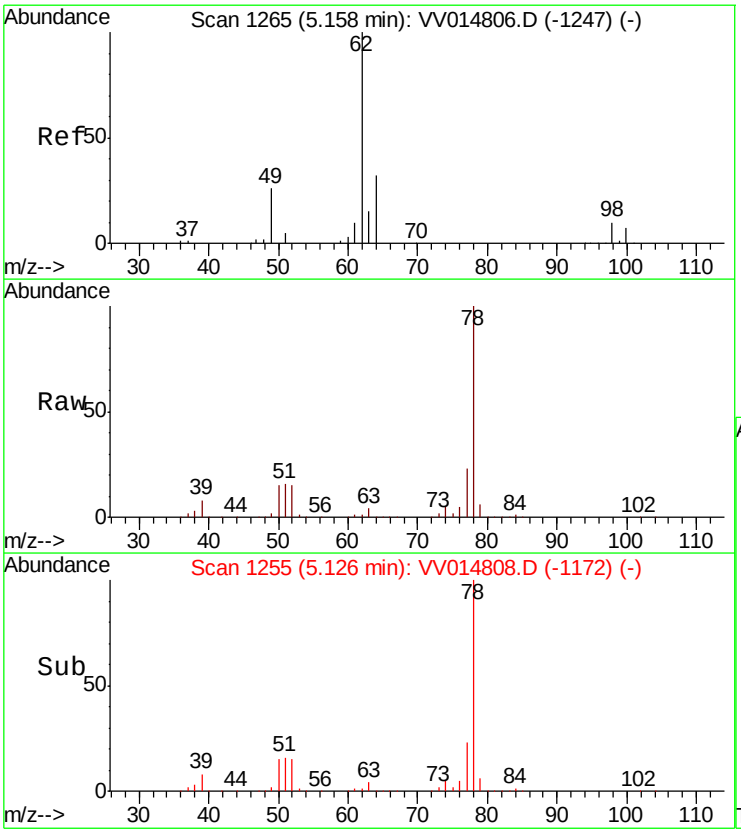
#25
Chloroform
Concen: 6.025 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 32238

Ion	Ratio	Lower	Upper
83	100		
85	61.4	45.1	83.9

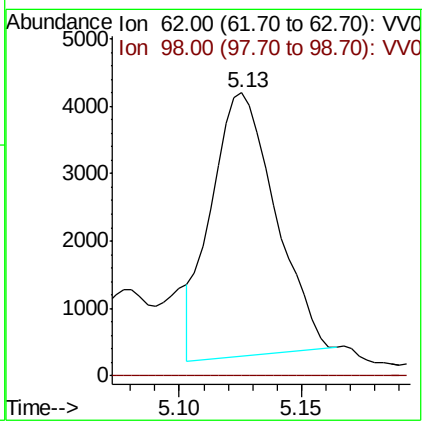


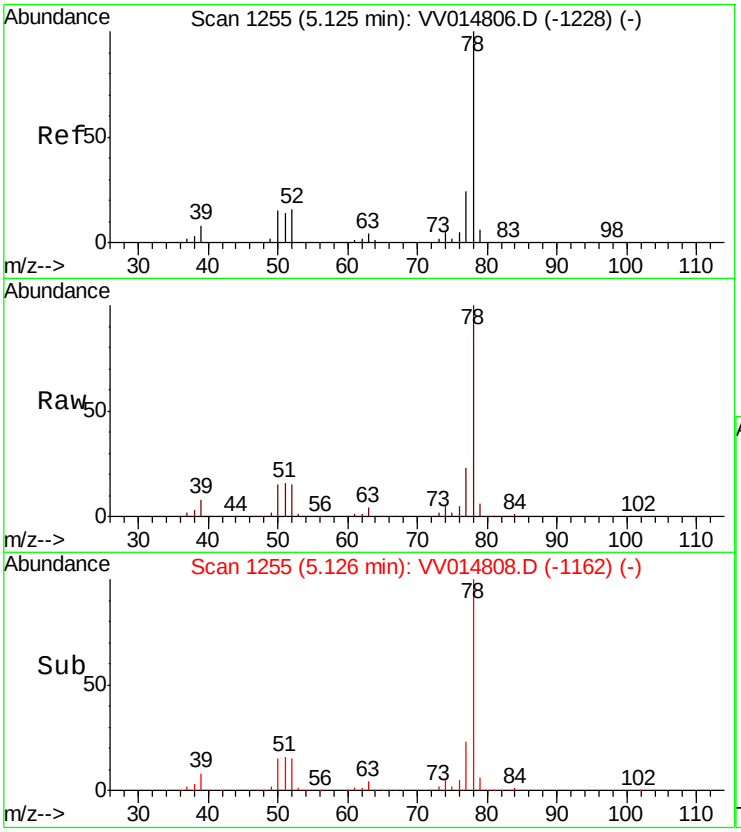


#27
1,2-Dichloroethane
Concen: 1.729 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.03 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Tgt Ion: 62 Resp: 7170

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

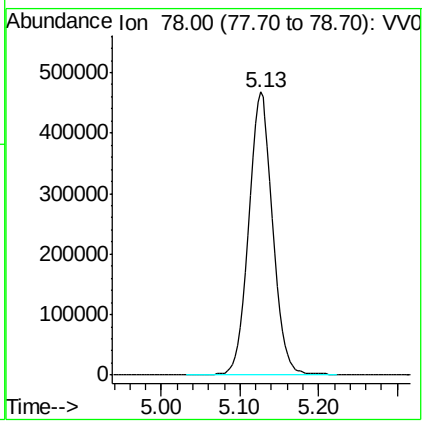


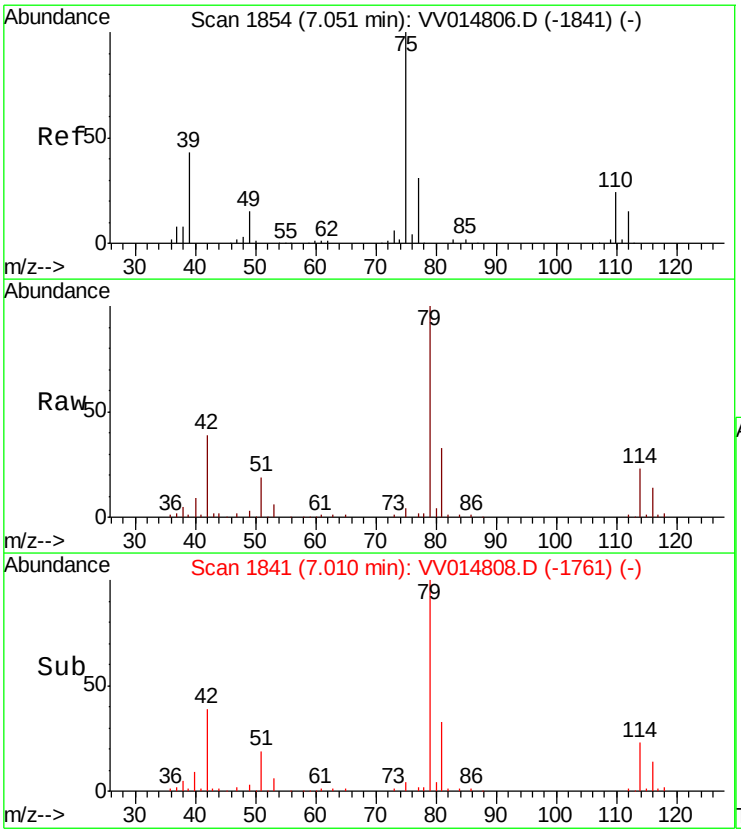


#33
Benzene
Concen: 90.610 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 1017172

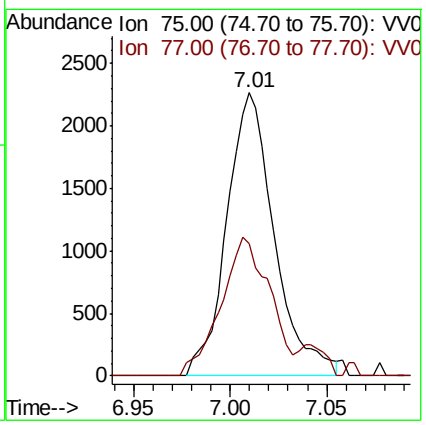


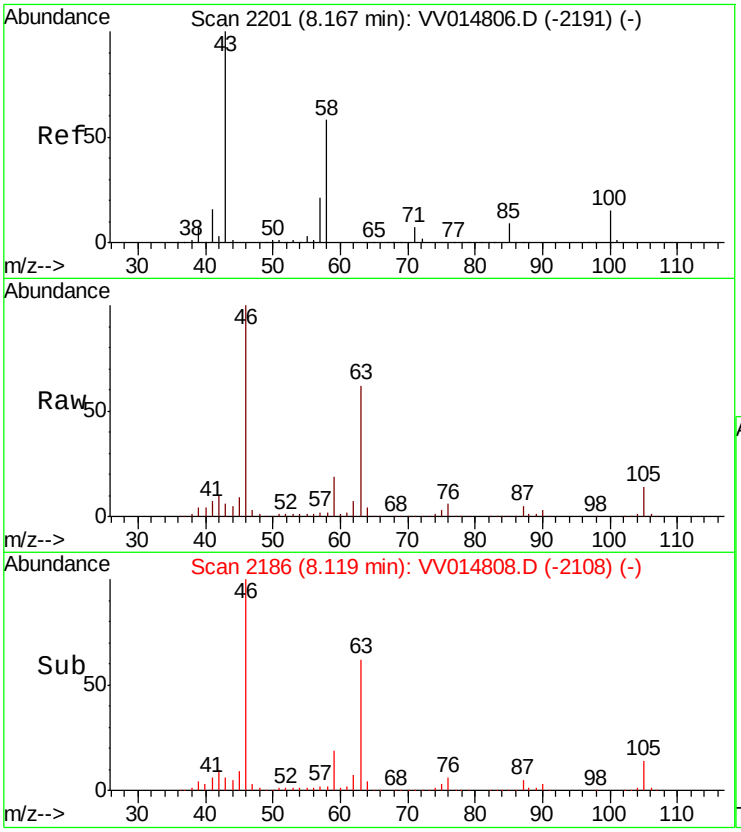


#39
cis-1,3-Dichloropropene
Concen: 0.816 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Tgt Ion: 75 Resp: 3882

Ion	Ratio	Lower	Upper
75	100		
77	47.0	22.8	42.4#



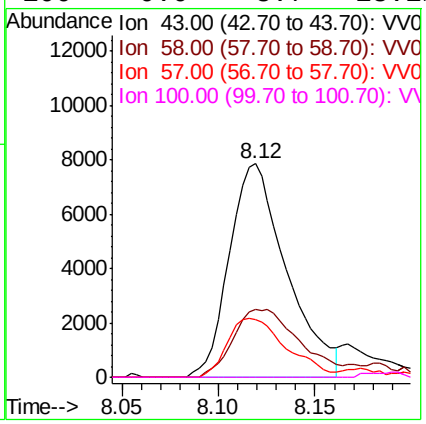


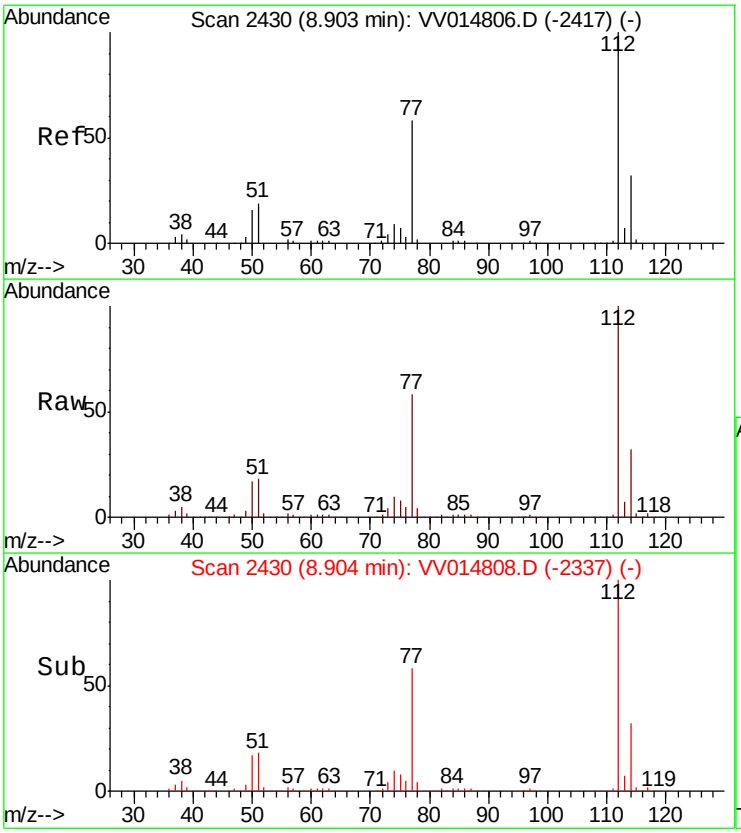
#48
2-Hexanone
Concen: 4.681 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 16186

Ion	Ratio	Lower	Upper
43	100		
58	16.7	43.3	64.9#
57	28.6	15.6	23.4#
100	0.0	8.7	13.1#

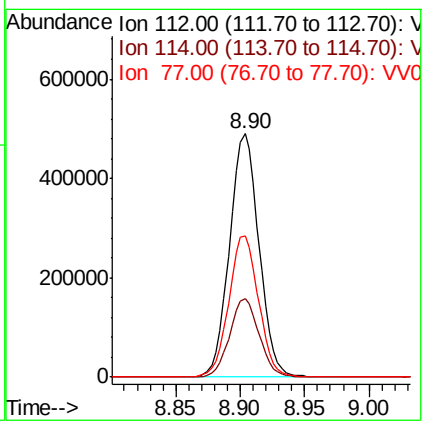


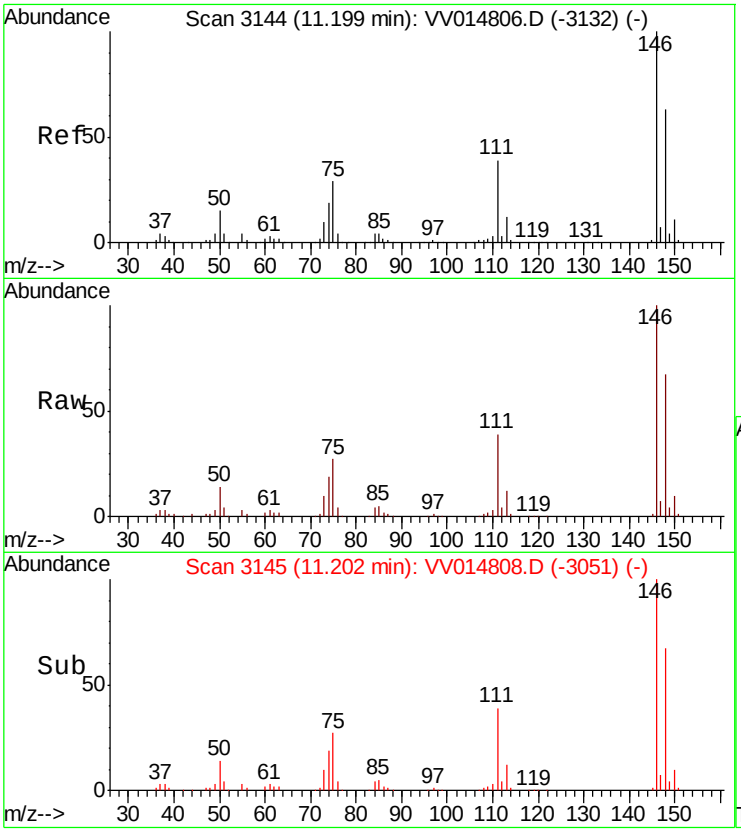


#51
Chlorobenzene
Concen: 97.724 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Tgt Ion:112 Resp: 778706

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.1	41.1
77	58.2	47.8	71.8



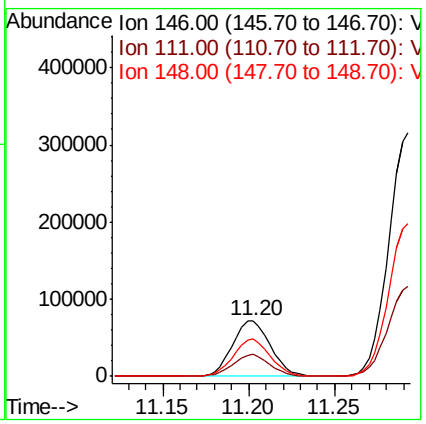


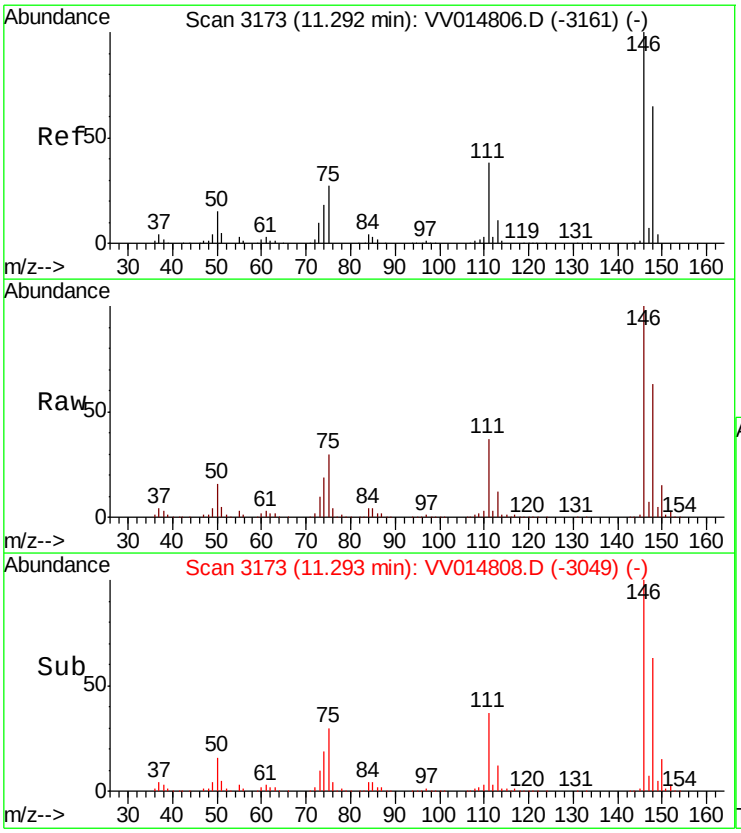
#62
1,3-Dichlorobenzene
Concen: 17.589 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 110642

Ion	Ratio	Lower	Upper
146	100		
111	39.5	27.2	50.4
148	66.7	44.2	82.2

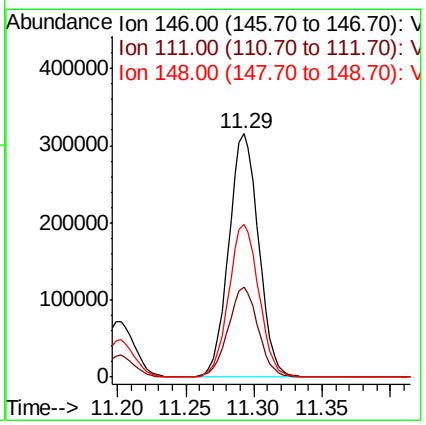


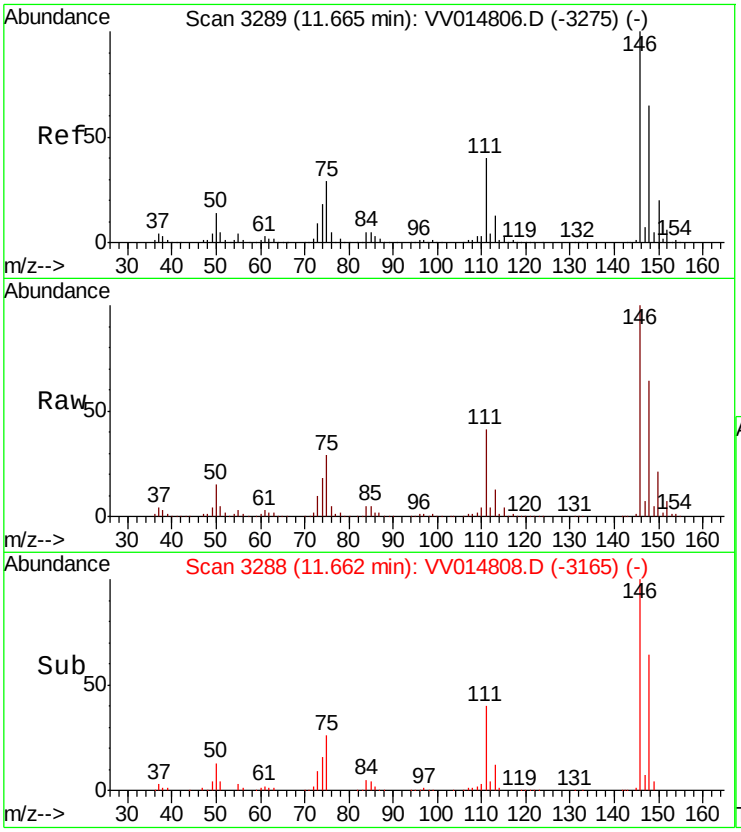


#63
1,4-Dichlorobenzene
Concen: 75.436 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Tgt Ion:146 Resp: 478072

Ion	Ratio	Lower	Upper
146	100		
111	36.7	26.3	48.9
148	62.9	44.0	81.8



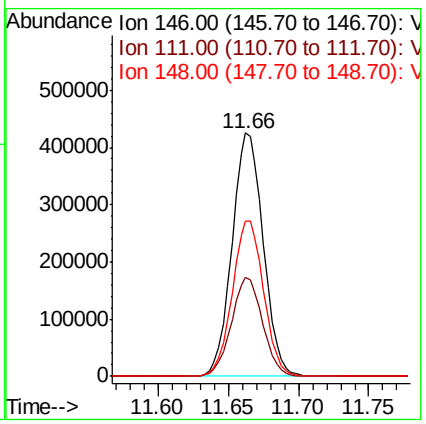


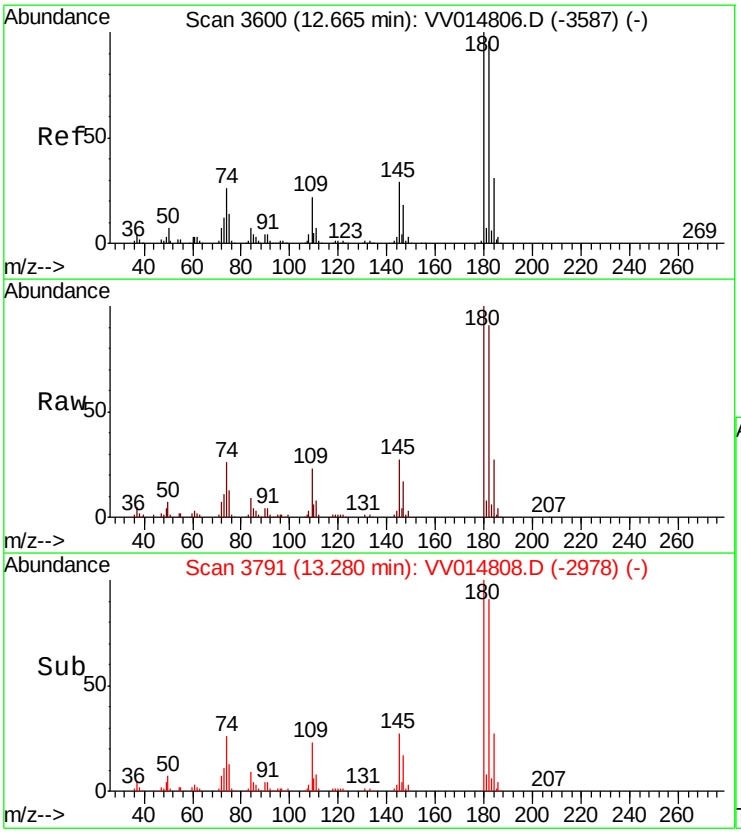
#65
1,2-Dichlorobenzene
Concen: 105.209 ug/L
RT: 11.66 min Scan# 3288
Delta R.T. -0.00 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 658876

Ion	Ratio	Lower	Upper
146	100		
111	40.5	33.9	50.9
148	63.9	51.4	77.0

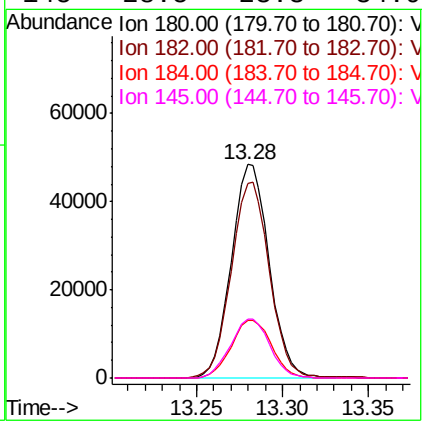


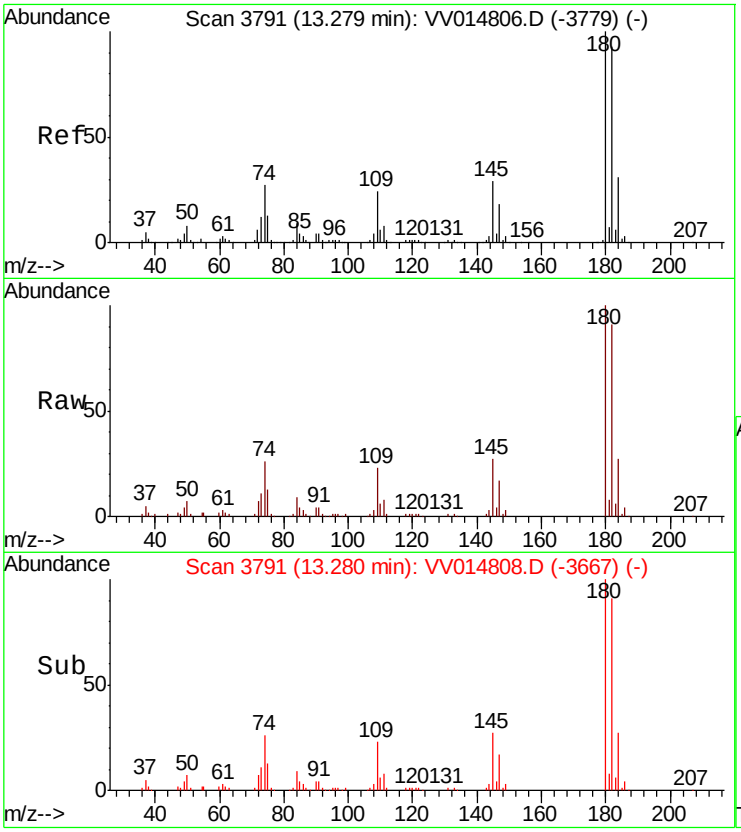


#67
1,3,5-Trichlorobenzene
Concen: 15.212 ug/L
RT: 13.28 min Scan# 3791
Delta R.T. 0.61 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Tgt Ion:180 Resp: 74006

Ion	Ratio	Lower	Upper
180	100		
182	92.4	75.6	113.4
184	28.8	24.8	37.2
145	28.5	23.3	34.9



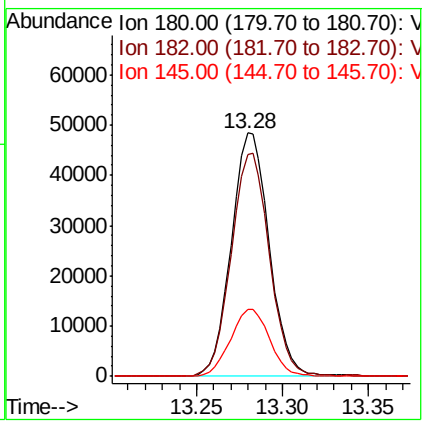


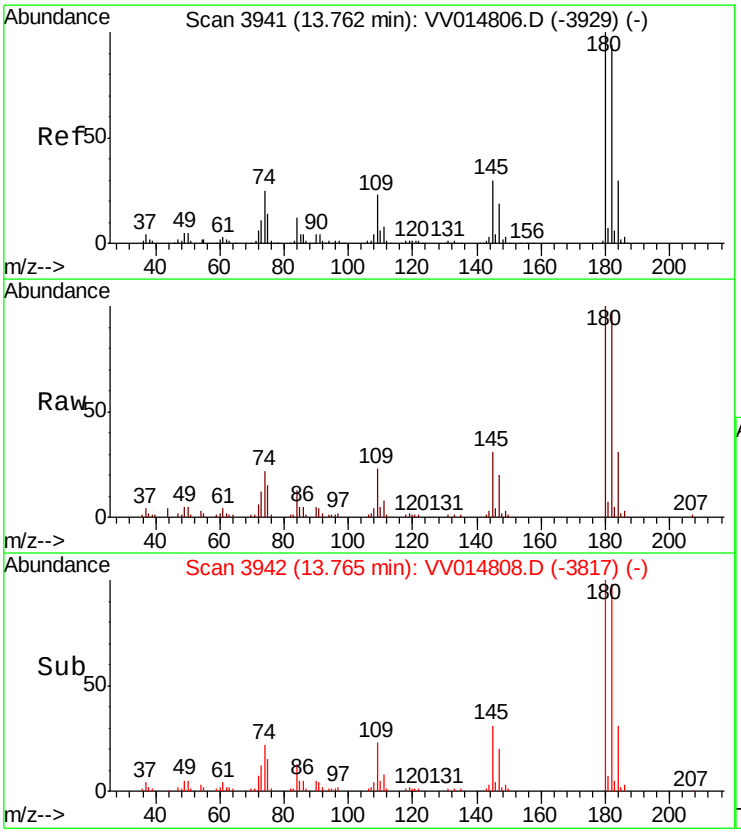
#68
1,2,4-trichlorobenzene
Concen: 16.551 ug/L
RT: 13.28 min Scan# 3791
Delta R.T. 0.00 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 74006

Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.6	114.8
145	28.5	23.4	35.0





#70
1,2,3-Trichlorobenzene
Concen: 7.532 ug/L
RT: 13.77 min Scan# 3942
Delta R.T. 0.00 min
Lab File: VV014808.D
Acq: 10 Mar 2020 17:50

Tgt Ion:180 Resp: 33572

Ion	Ratio	Lower	Upper
180	100		
182	98.2	76.5	114.7
145	32.3	25.0	37.4