Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013010.D
Acq On : 14 Sep 2019 23:41
Operator : SY/VA
Sample : VW0915SBL02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Sep 16 06:56:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	309006	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	458480	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390580	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162315	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.30	65	160778	56.34 ug/l	0.00
Spiked Amount 50.000			Recovery =	112.68%	
35) Dibromofluoromethane	7.88	113	132069	53.09 ug/l	0.00
Spiked Amount 50.000			Recovery =	106.18%	
50) Toluene-d8	10.32	98	551483	56.65 ug/l	0.00
Spiked Amount 50.000			Recovery =	113.30%	
62) 4-Bromofluorobenzene	12.62	95	171648	49.04 ug/l	0.00
Spiked Amount 50.000			Recovery =	98.08%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	423	Below Cal	95
3) Chloromethane	2.20	50	712	Below Cal	89
11) Tert butyl alcohol	5.11	59	12531	47.714 ug/l #	74
13) Acrolein	3.81	56	22	Below Cal #	1
16) Acetone	4.15	43	2259	Below Cal	96
20) Methylene Chloride	4.90	84	8404	Below Cal #	86
25) 2-Butanone	7.14	43	2385	2.628 ug/l #	53
26) 2,2-Dichloropropane	7.14	77	2576	Below Cal #	55
31) Cyclohexane	7.94	56	6246	Below Cal #	1
36) 1,1-Dichloropropene	7.94	75	23270	6.352 ug/l #	50
38) Carbon Tetrachloride	7.94	117	29653	7.898 ug/l #	15
49) 1,4-Dioxane	9.18	88	25	1.146 ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	92396	64.987 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	92396	147.423 ug/l #	7

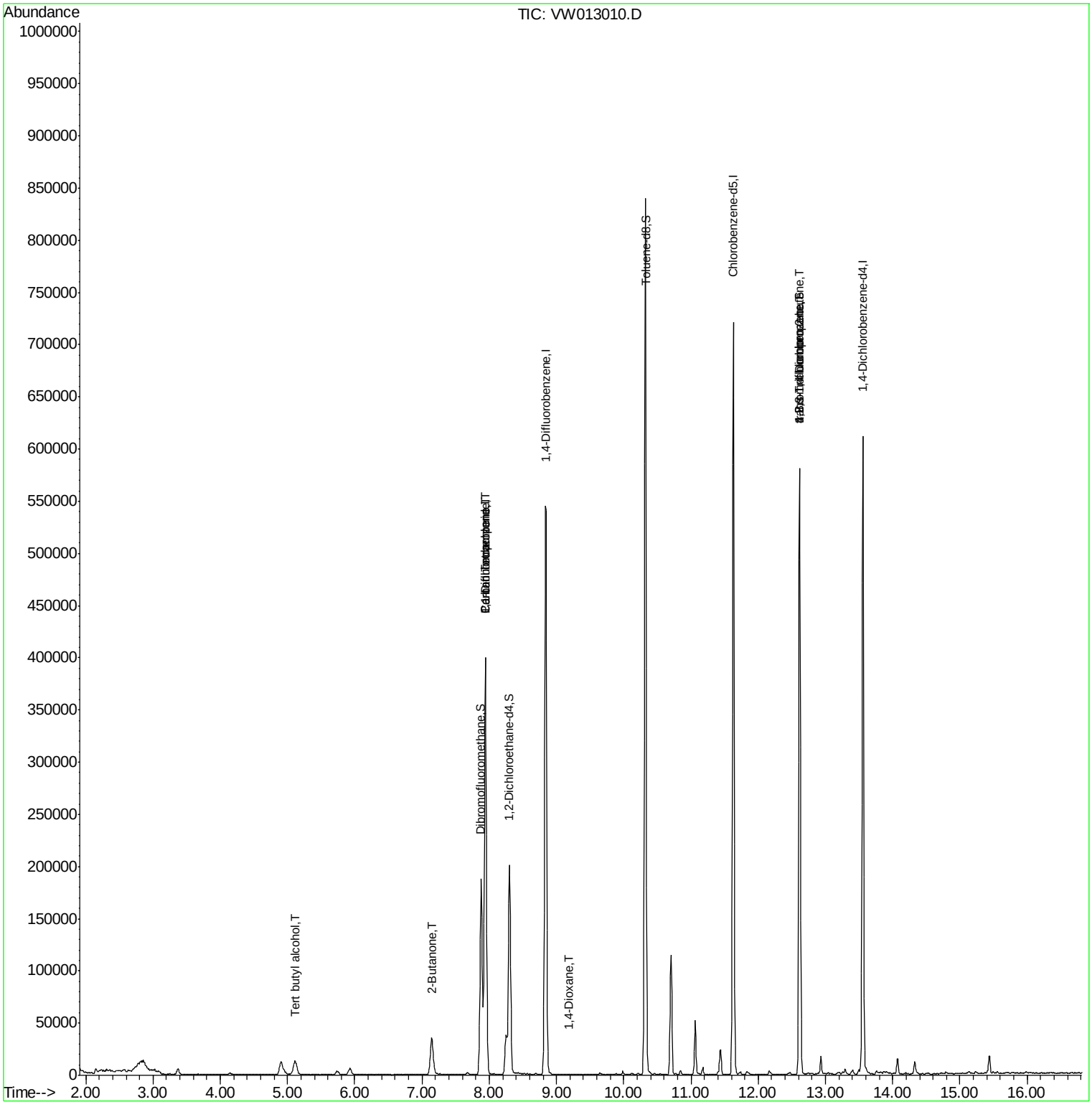
(#) = qualifier out of range (m) = manual integration (+) = signals summed

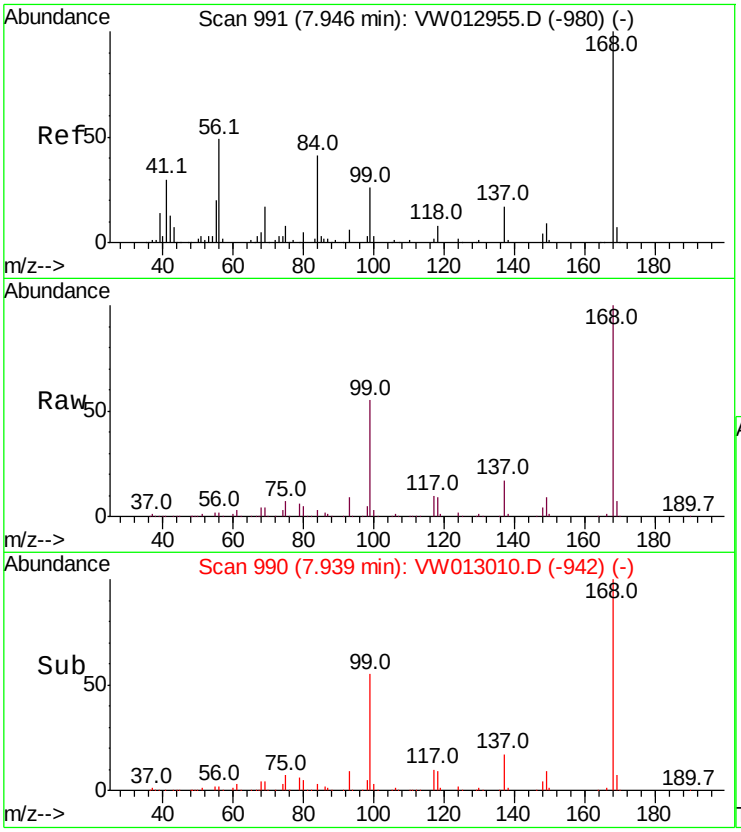
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091519\
Data File : VW013010.D
Acq On : 14 Sep 2019 23:41
Operator : SY/VA
Sample : VW0915SBL02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 16 06:56:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration



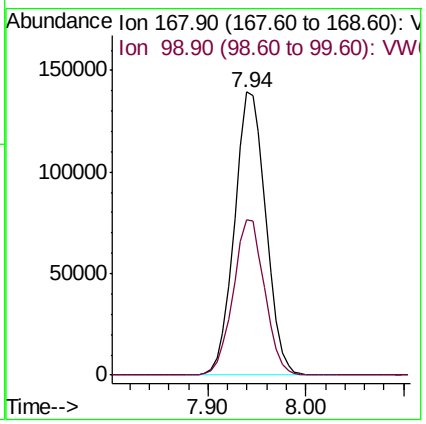


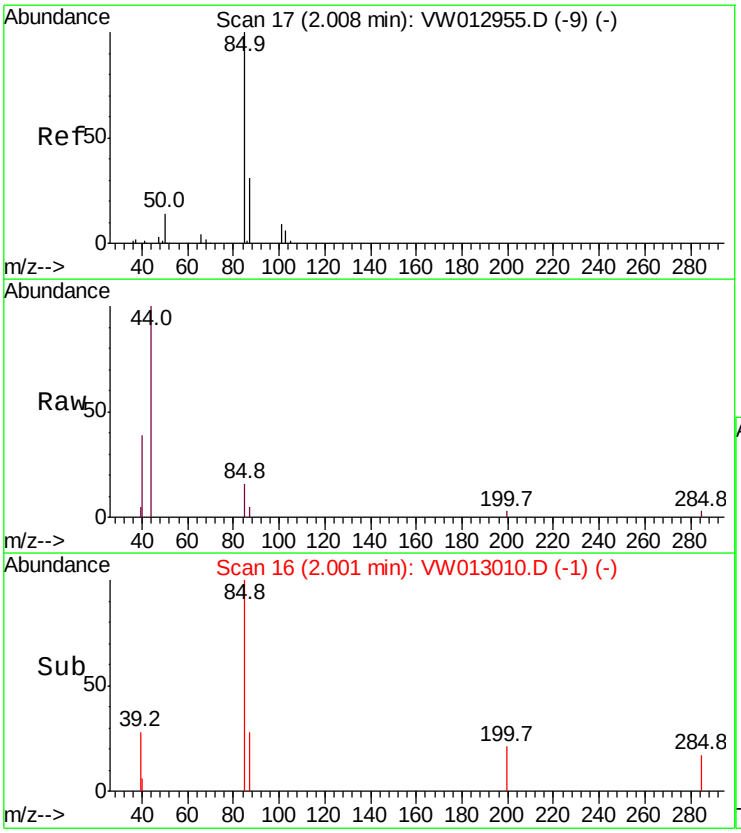
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion:168 Resp: 309006

Ion	Ratio	Lower	Upper
168	100		
99	54.8	46.2	69.2

Instrument :
MSVOA_W
ClientSampleId :

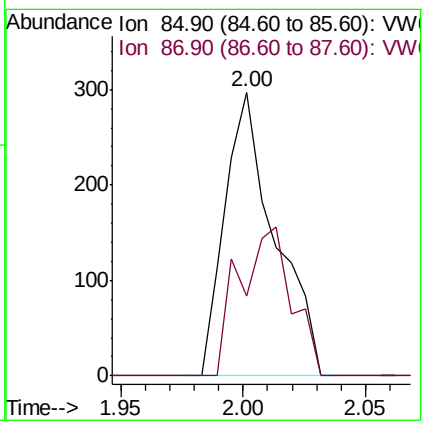


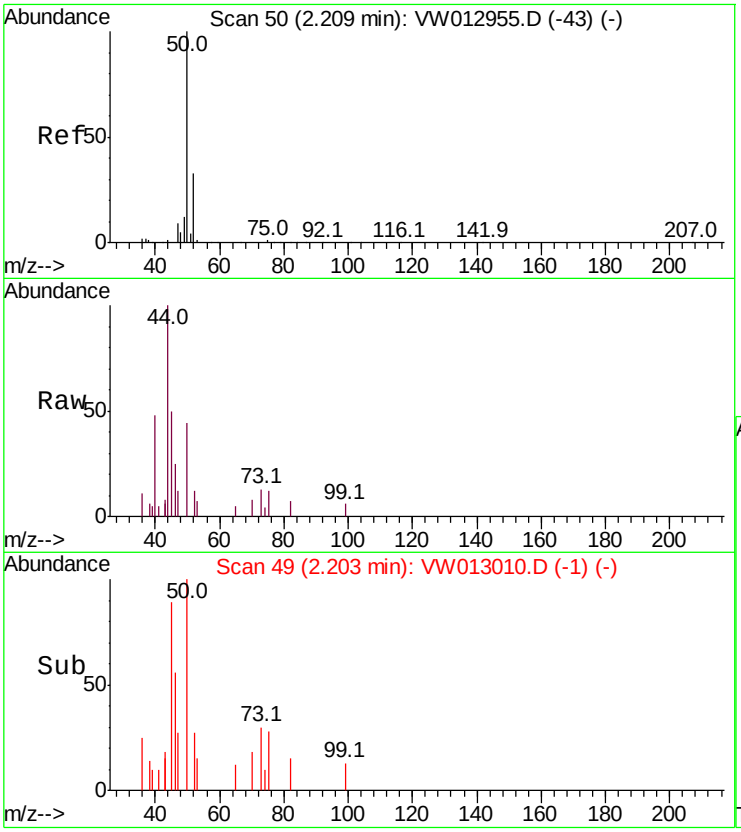


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.00 min Scan# 16
Delta R.T. -0.01 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion: 85 Resp: 423

Ion	Ratio	Lower	Upper
85	100		
87	28.3	15.4	46.4



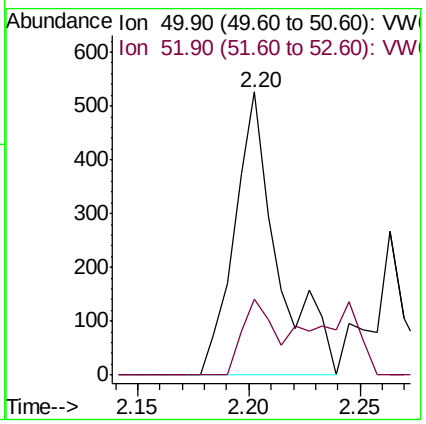


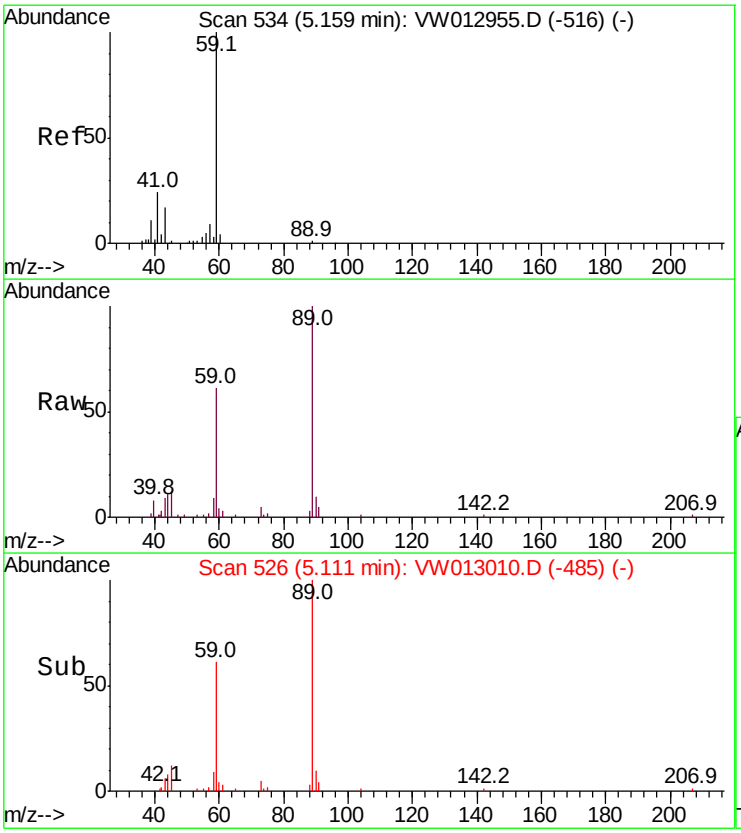
#3
Chloromethane
Concen: Below Cal
RT: 2.20 min Scan# 49
Delta R.T. -0.01 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 50 Resp: 712

Ion	Ratio	Lower	Upper
50	100		
52	27.0	26.6	39.8

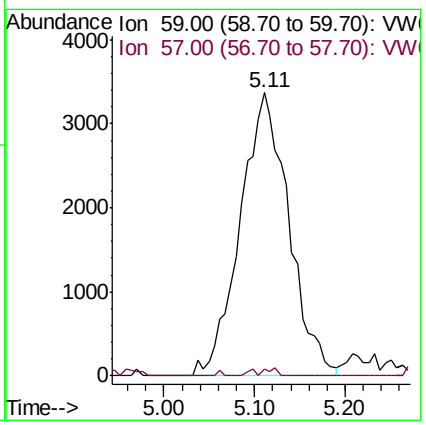


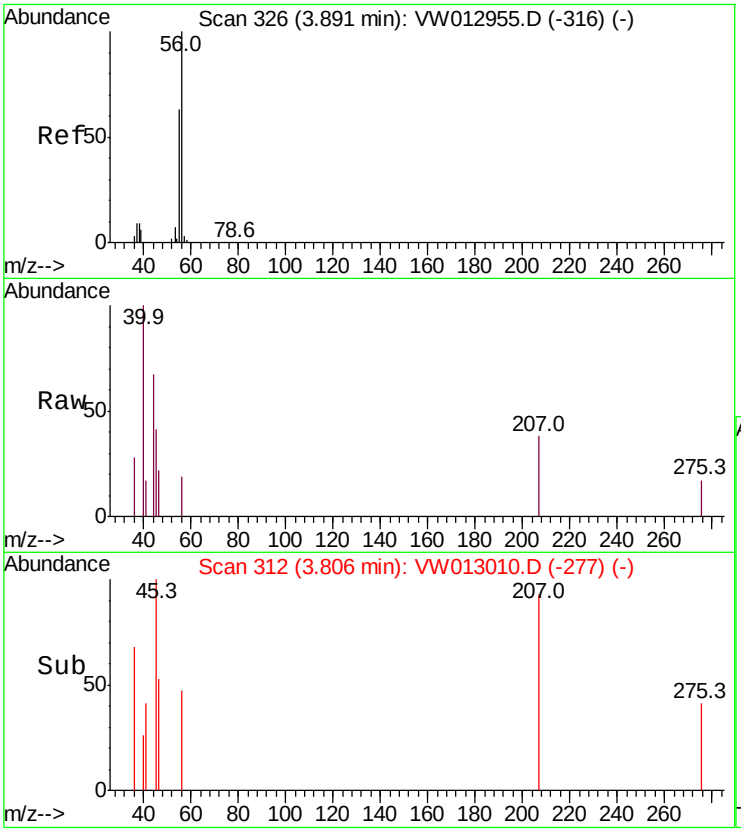


#11
Tert butyl alcohol
Concen: 47.714 ug/l
RT: 5.11 min Scan# 526
Delta R.T. -0.05 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion: 59 Resp: 12531

Ion	Ratio	Lower	Upper
59	100		
57	0.7	8.5	12.7#



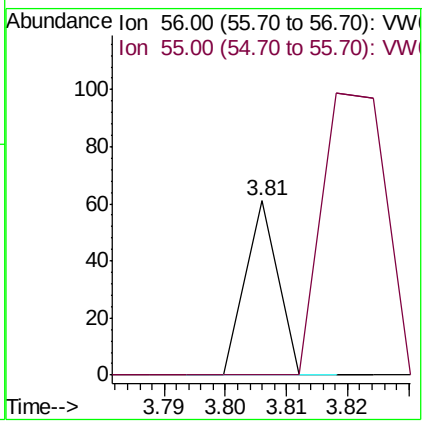


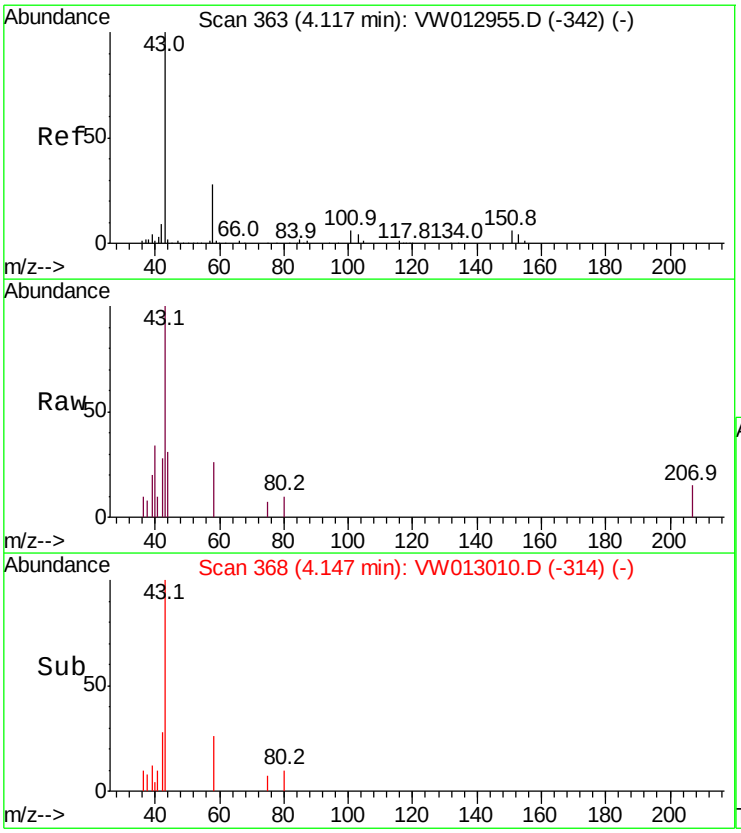
#13
Acrolein
Concen: Below Cal
RT: 3.81 min Scan# 312
Delta R.T. -0.09 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 22

Ion	Ratio	Lower	Upper
56	100		
55	327.3	55.8	83.8#

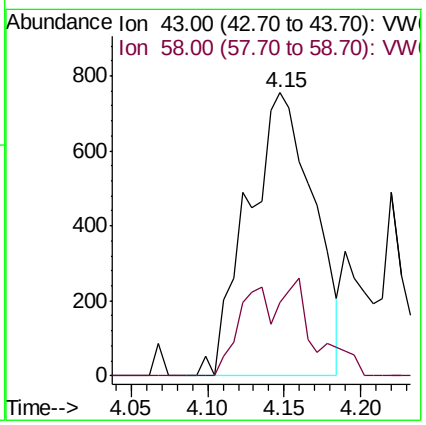


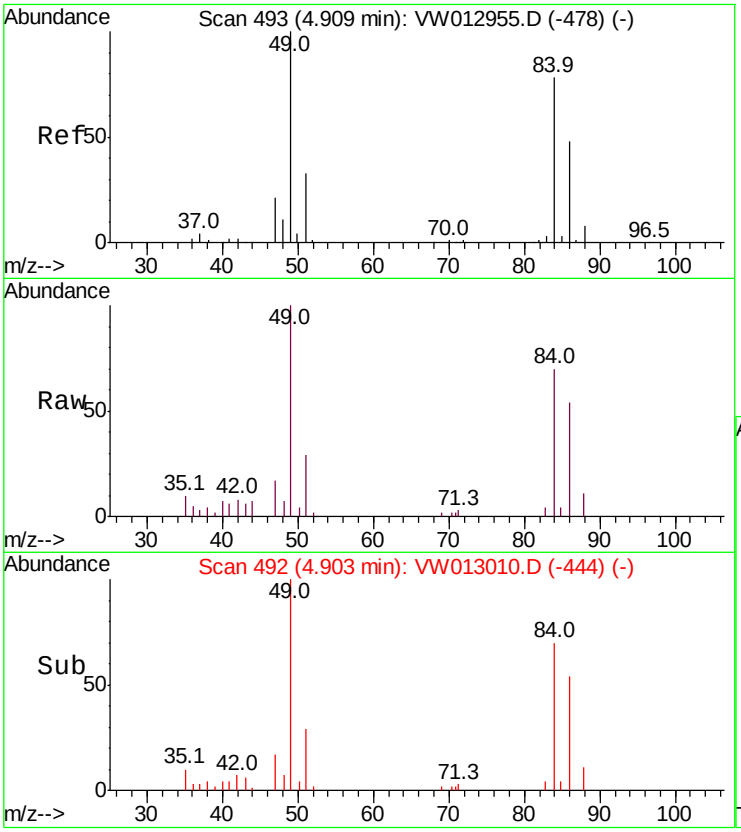


#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. 0.03 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion: 43 Resp: 2259

Ion	Ratio	Lower	Upper
43	100		
58	25.7	22.3	33.5



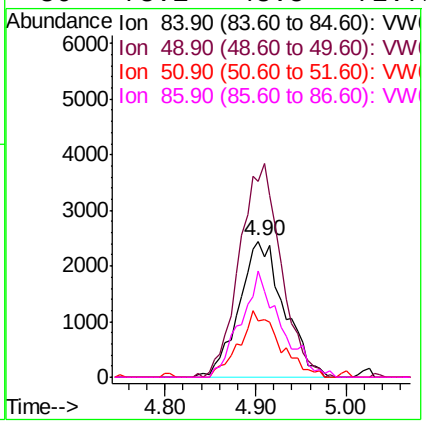


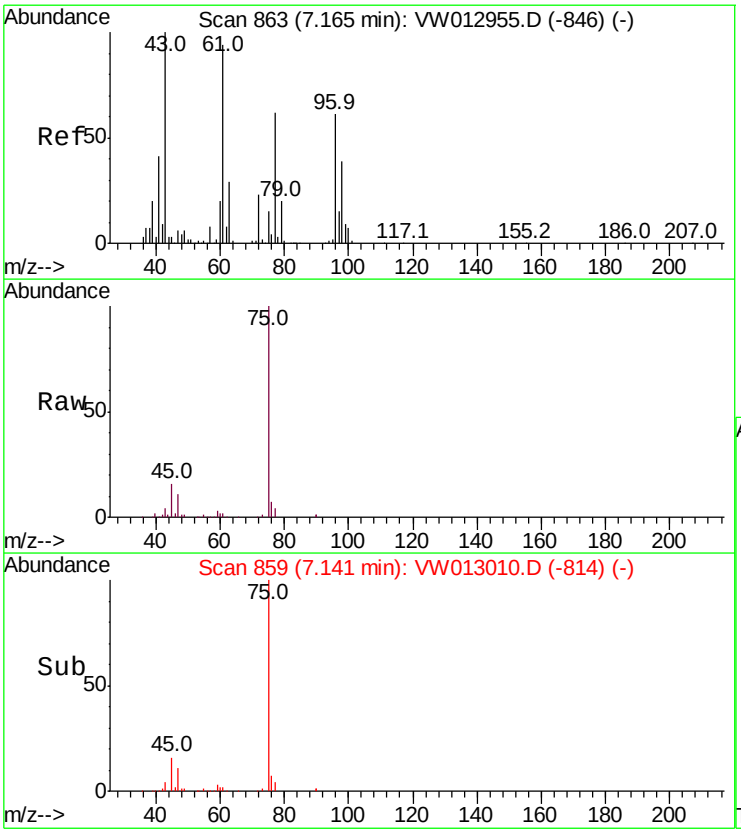
#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 8404

Ion	Ratio	Lower	Upper
84	100		
49	143.4	102.0	153.0
51	41.3	34.0	51.0
86	78.1	48.5	72.7#

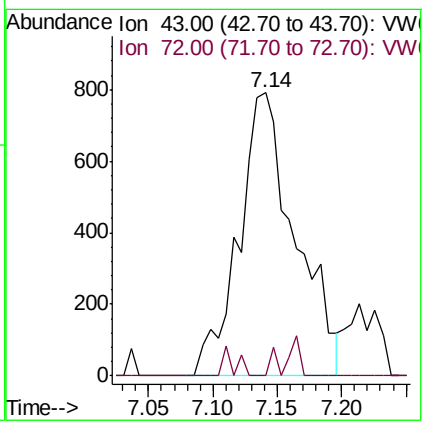


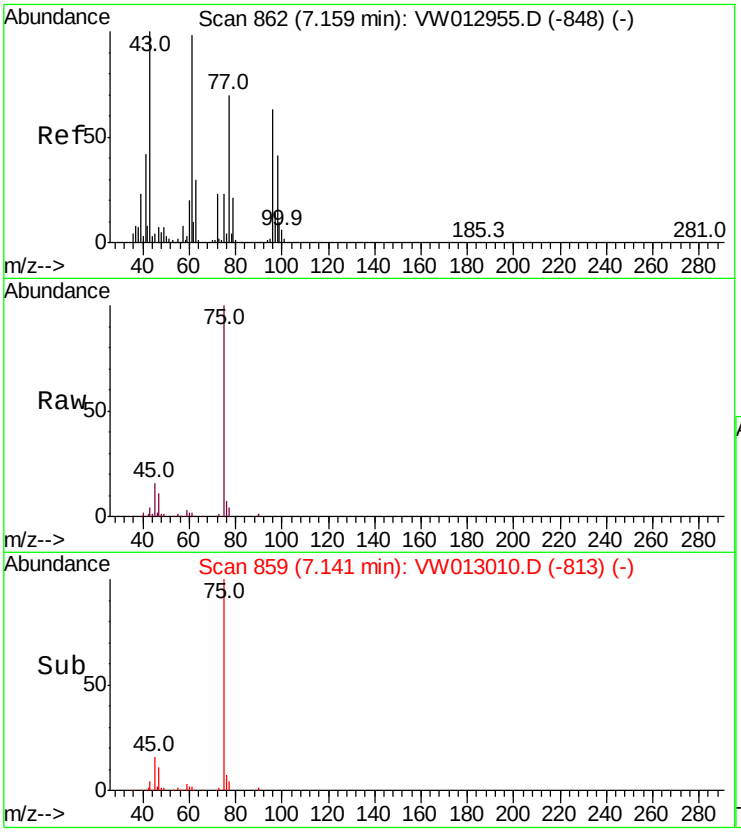


#25
2-Butanone
Concen: 2.628 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion: 43 Resp: 2385

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.4#



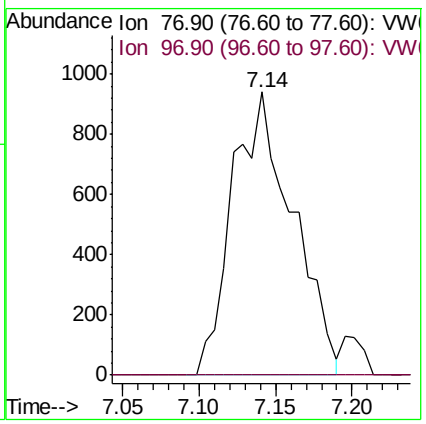


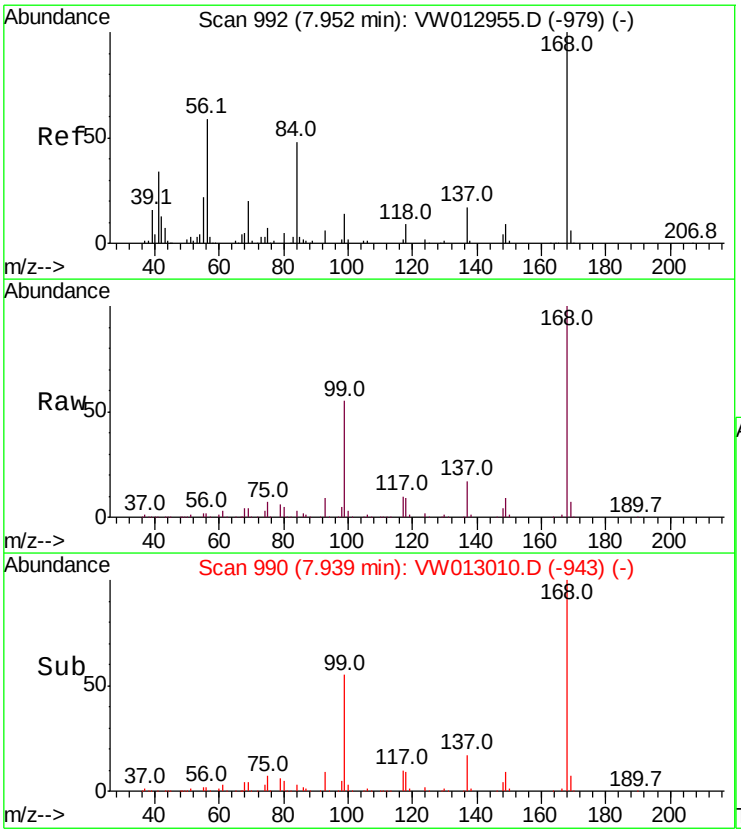
#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 77 Resp: 2576

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.7	32.1#

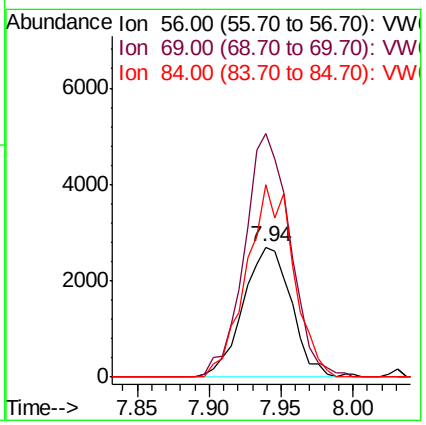


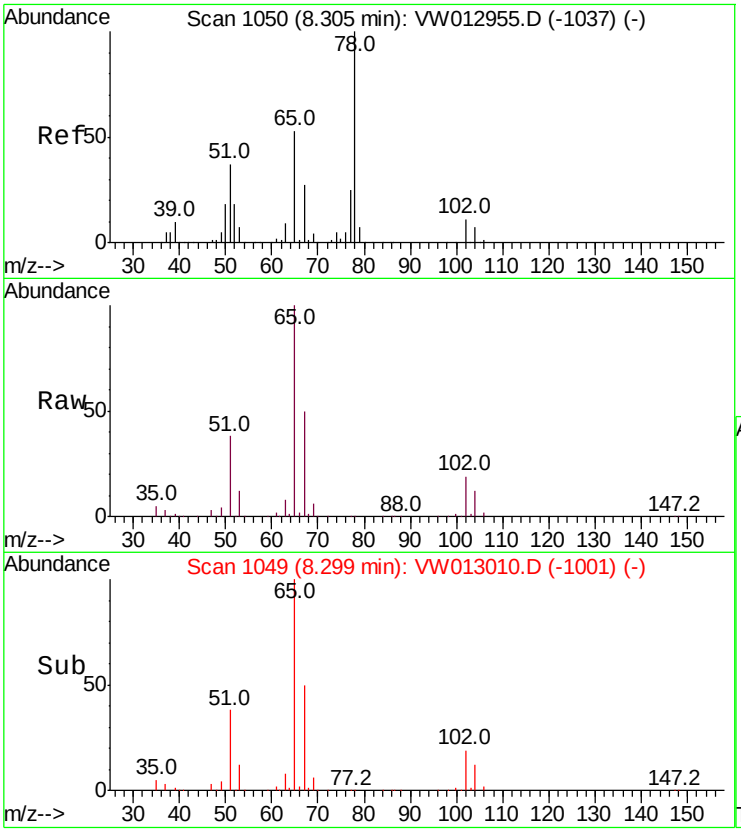


#31
Cyclohexane
Concen: Below Cal
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion: 56 Resp: 6246

Ion	Ratio	Lower	Upper
56	100		
69	187.5	27.0	40.6#
84	148.0	66.2	99.2#



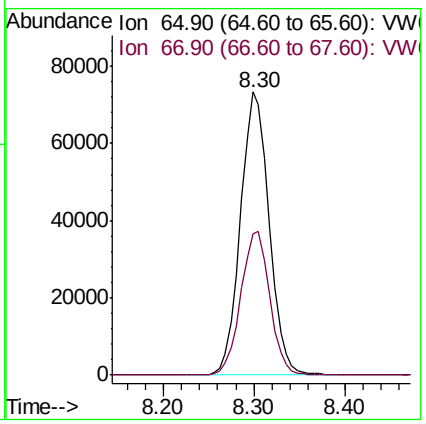


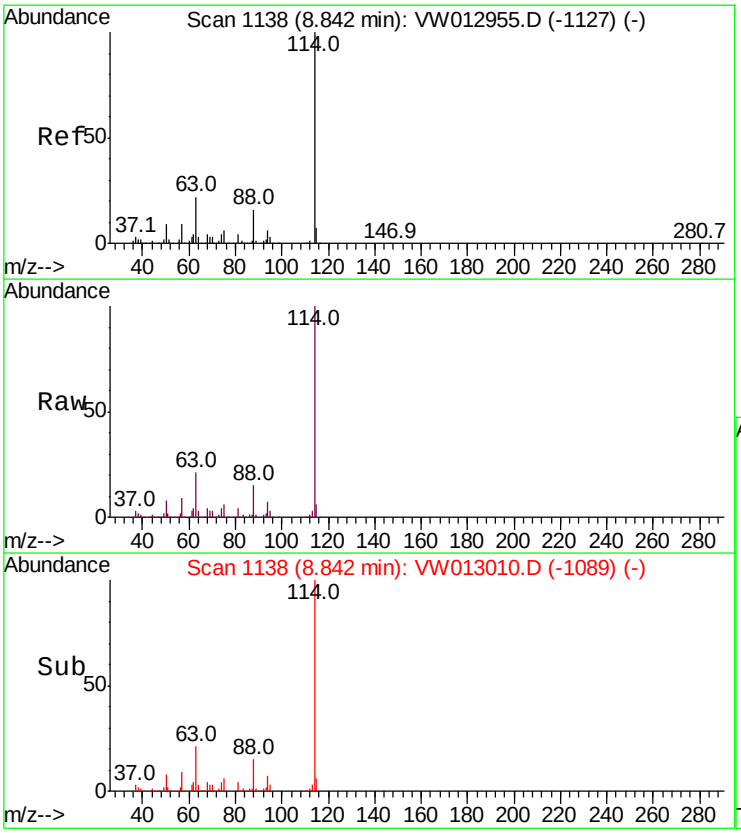
#33
1,2-Dichloroethane-d4
Concen: 56.336 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 65 Resp: 160778

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.2

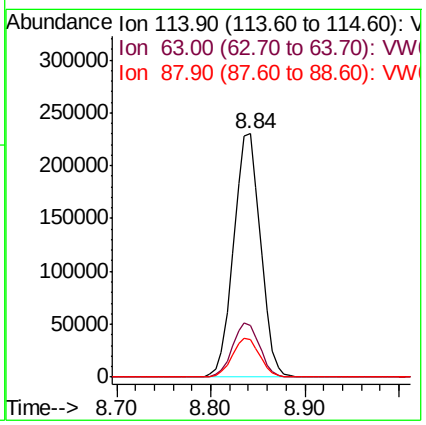


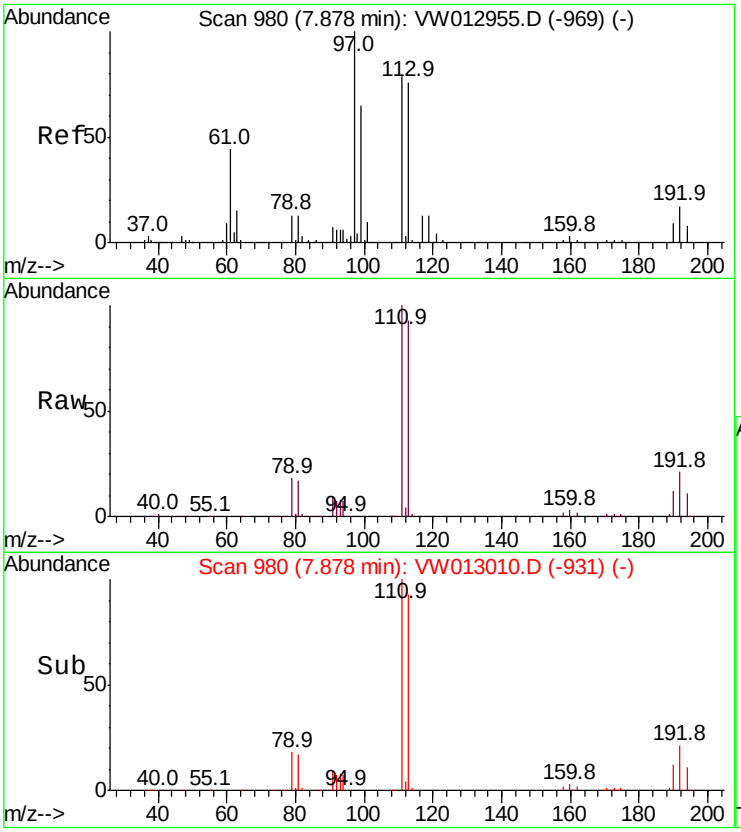


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion:114 Resp: 458480

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.4
88	15.5	0.0	31.6



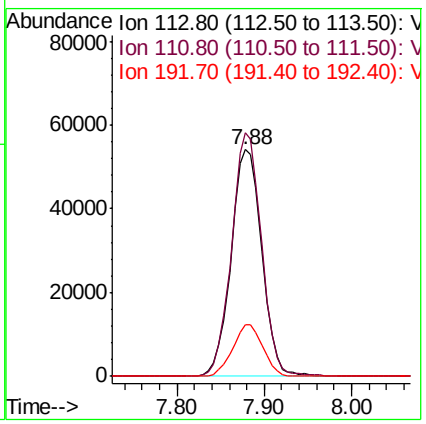


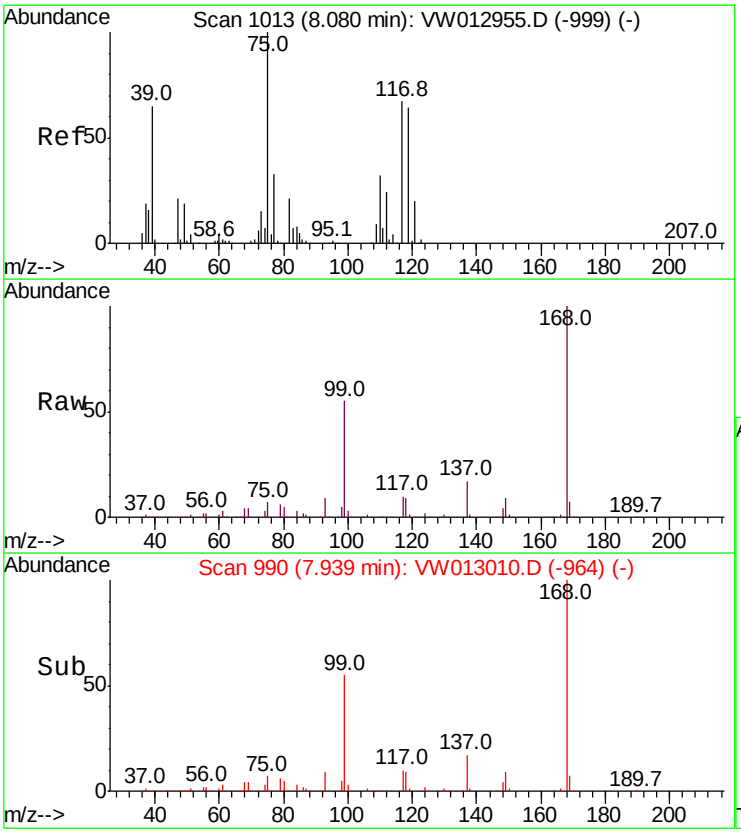
#35
Dibromofluoromethane
Concen: 53.087 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:113 Resp: 132069

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.8	124.2
192	22.3	17.8	26.8

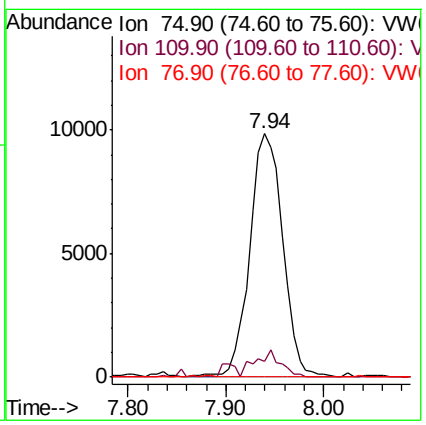


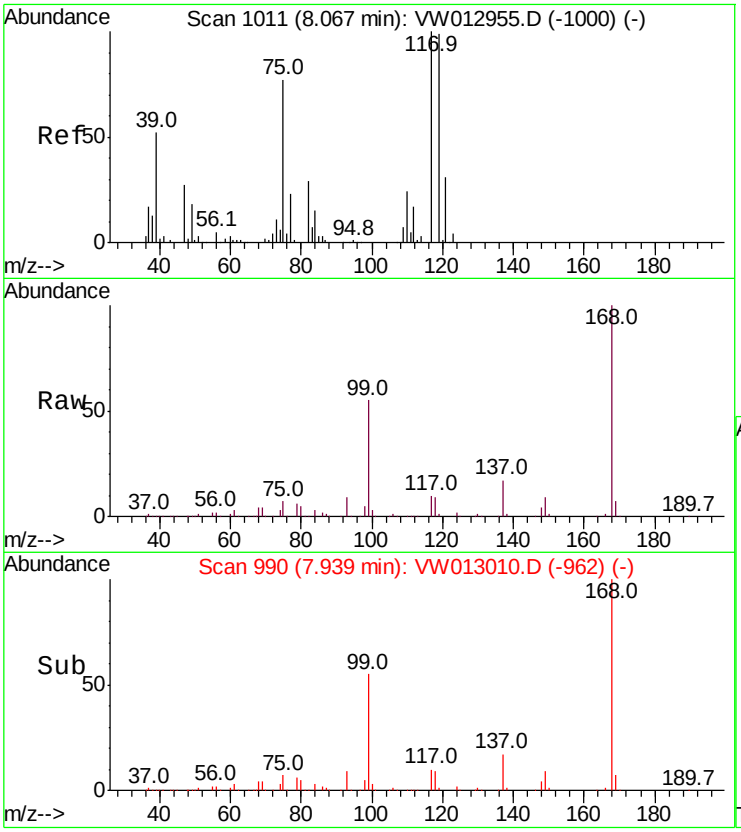


#36
1,1-Dichloropropene
Concen: 6.352 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.14 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion: 75 Resp: 23270

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.4	49.1#
77	0.0	25.1	37.7#



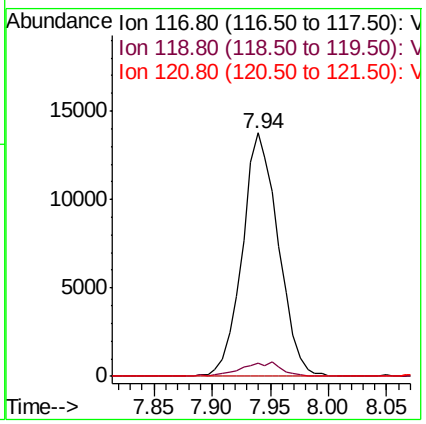


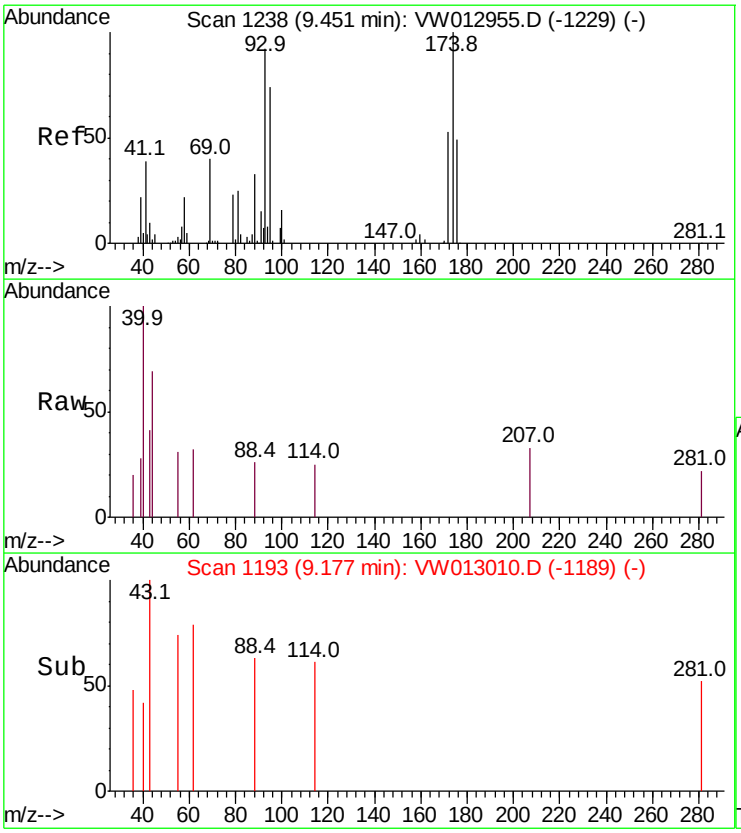
#38
Carbon Tetrachloride
Concen: 7.898 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 29653

Ion	Ratio	Lower	Upper
117	100		
119	5.2	79.4	119.0#
121	0.0	24.6	36.8#

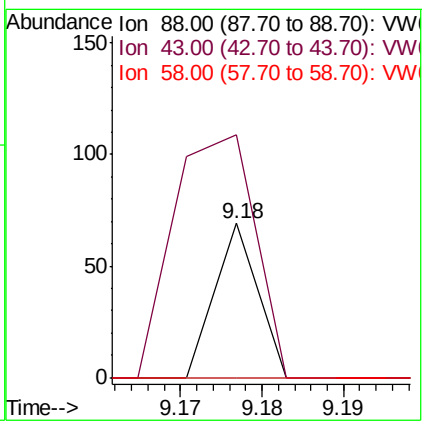


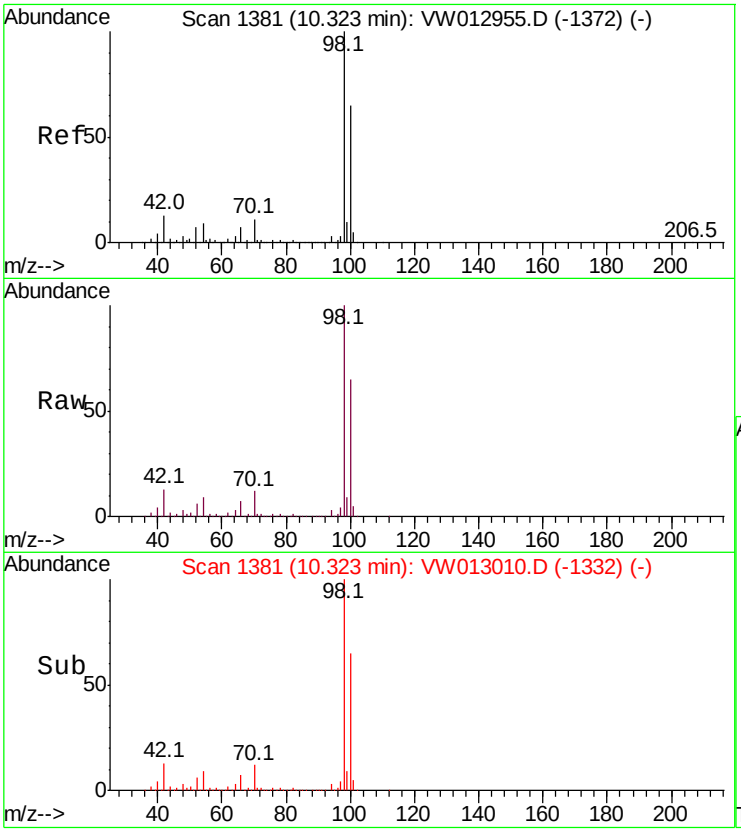


#49
1,4-Dioxane
Concen: 1.146 ug/l
RT: 9.18 min Scan# 1193
Delta R.T. -0.27 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	304.0	31.3	46.9#
58	0.0	60.2	90.2#



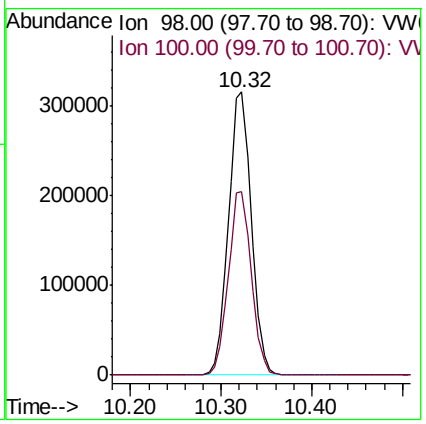


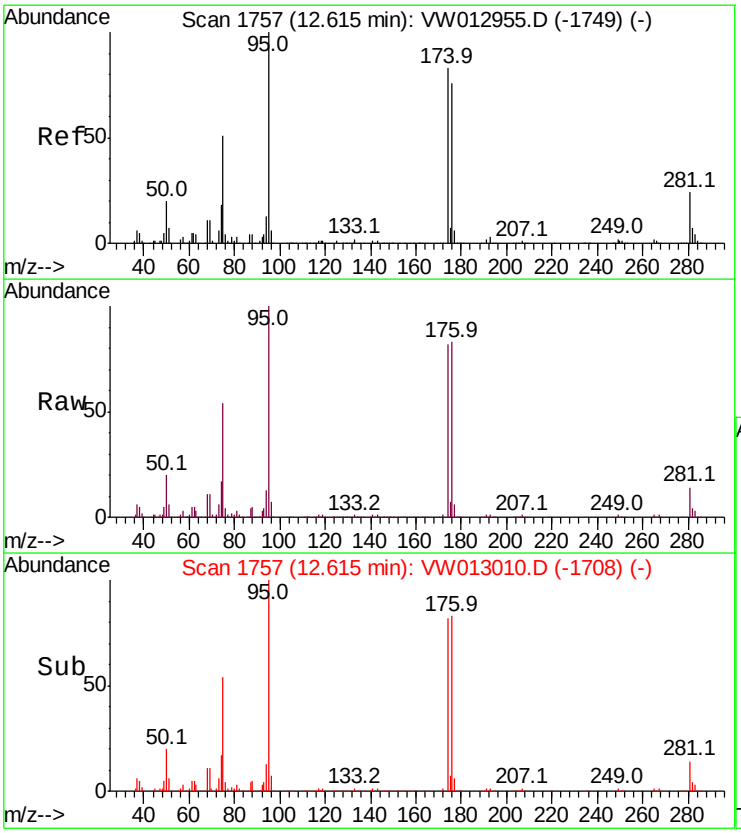
#50
Toluene-d8
Concen: 56.650 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 98 Resp: 551483

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.1	78.1

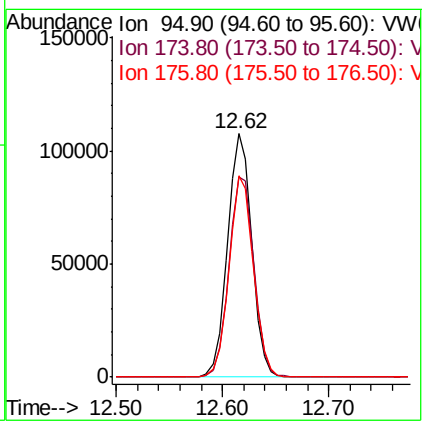


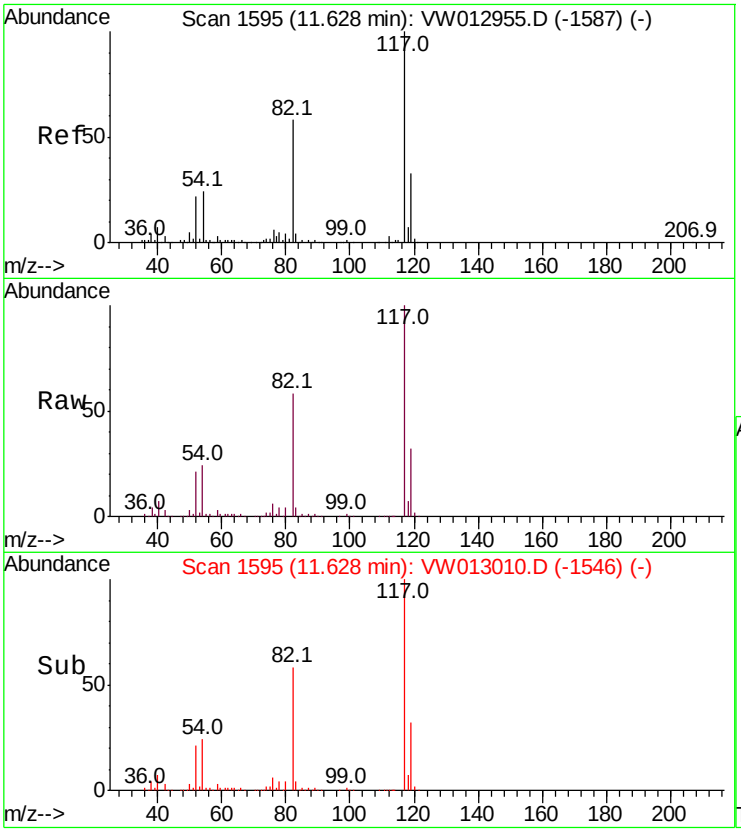


#62
4-Bromofluorobenzene
Concen: 49.036 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion: 95 Resp: 171648

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	170.4
176	83.2	0.0	164.6



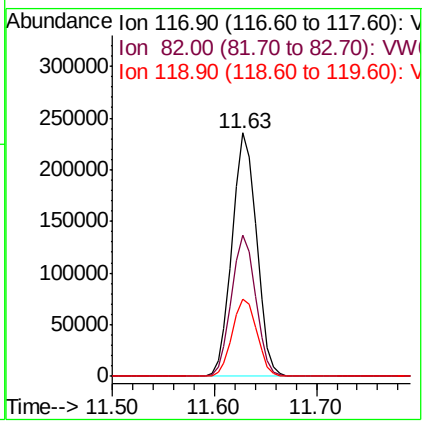


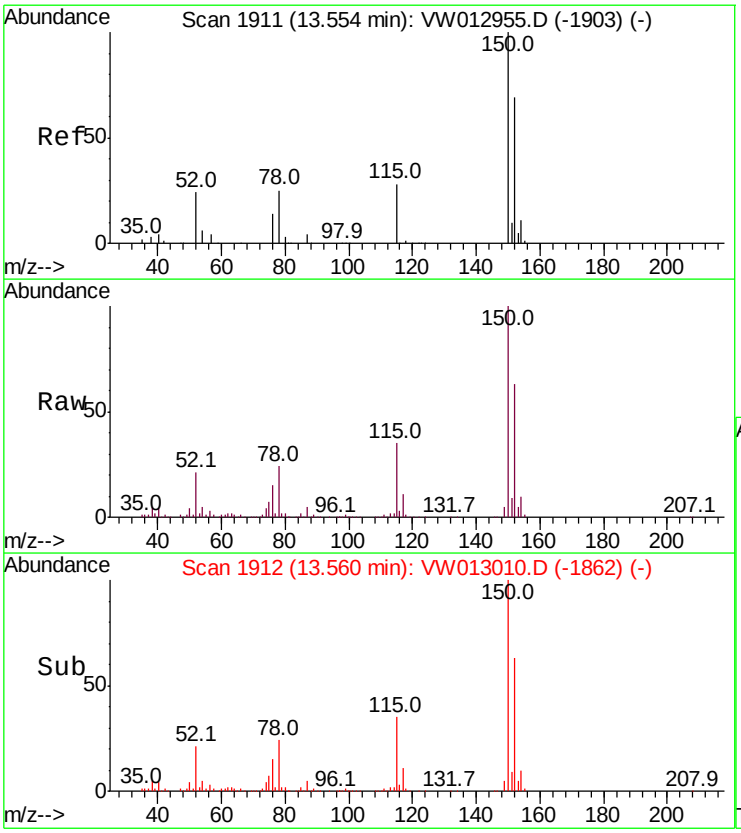
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 390580

Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.3	69.5
119	31.9	26.2	39.4

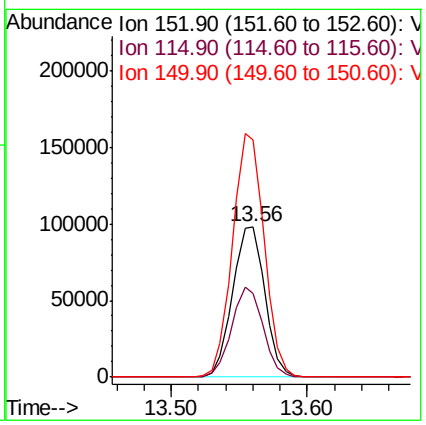


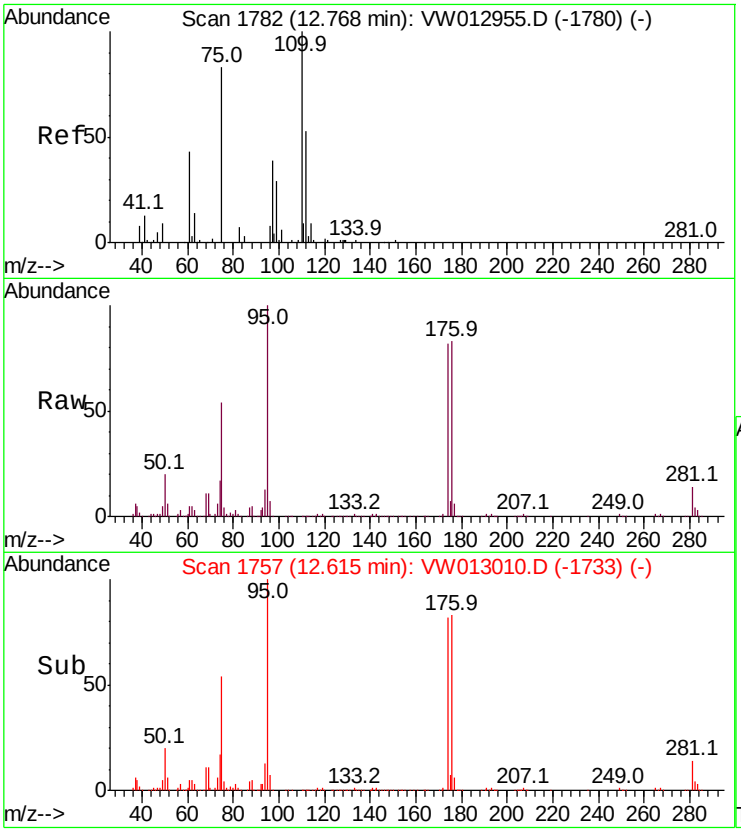


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion:152 Resp: 162315

Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.4
150	158.7	0.0	340.2



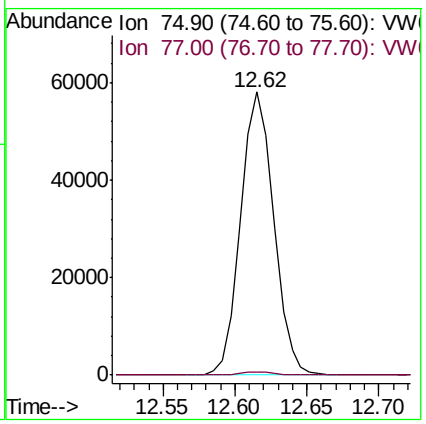


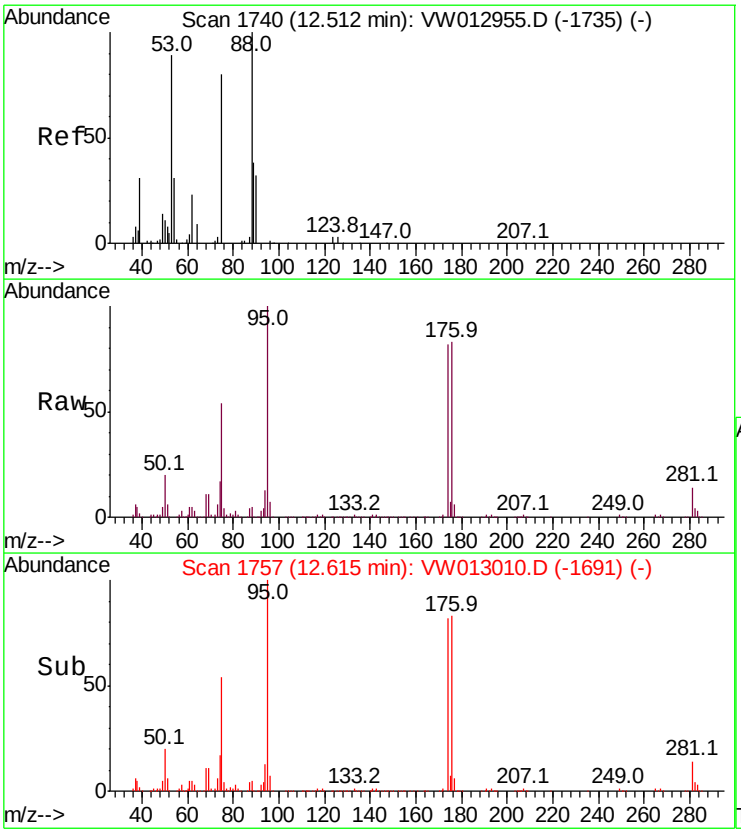
#76
1,2,3-Trichloropropane
Concen: 64.987 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 92396

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 147.423 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW013010.D
Acq: 14 Sep 2019 23:41

Tgt Ion: 75 Resp: 92396

Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.6	128.4#
89	0.2	37.2	55.8#