Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
Data File : VY001659.D
Acq On : 17 Feb 2020 20:04
Operator : SY/MD
Sample : L1546-22
Misc : 6.88G/5ML/MSVOA Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Feb 18 00:38:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	148281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	280624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	244816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	102840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	84432	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.88%			
35) Dibromofluoromethane	7.75	113	79396	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.80%			
50) Toluene-d8	10.20	98	338611	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.54%			
62) 4-Bromofluorobenzene	12.50	95	108331	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.56%			
Target Compounds						Qvalue
20) Methylene Chloride	4.75	84	14308	7.299	ug/l	95
31) Cyclohexane	7.82	56	3425	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	12432	4.638	ug/l #	50
38) Carbon Tetrachloride	7.82	117	15008	6.374	ug/l #	16
76) 1,2,3-Trichloropropane	12.50	75	55560	47.096	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	55560	89.350	ug/l #	17

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021720\
Data File : VY001659.D
Acq On : 17 Feb 2020 20:04
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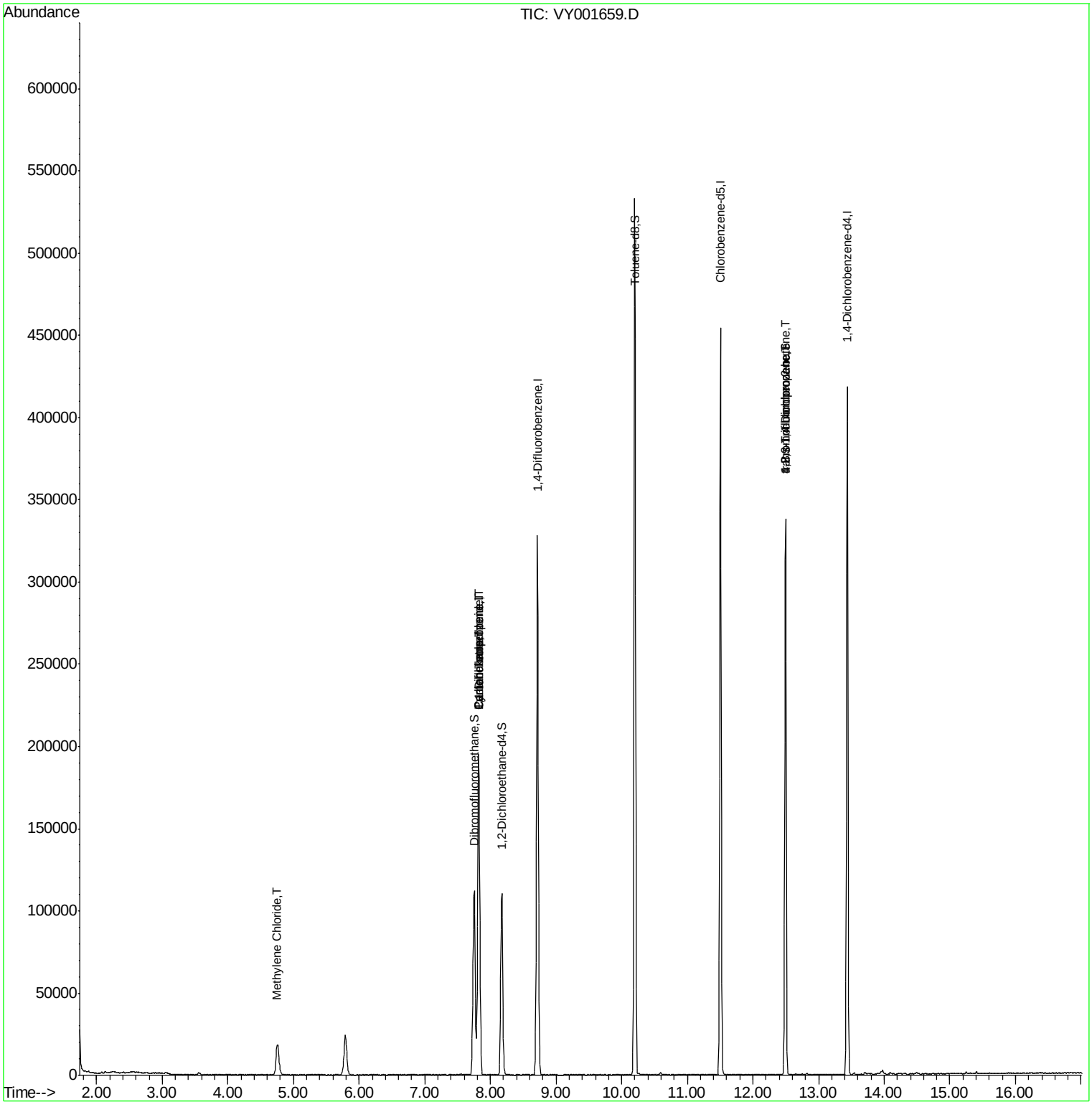
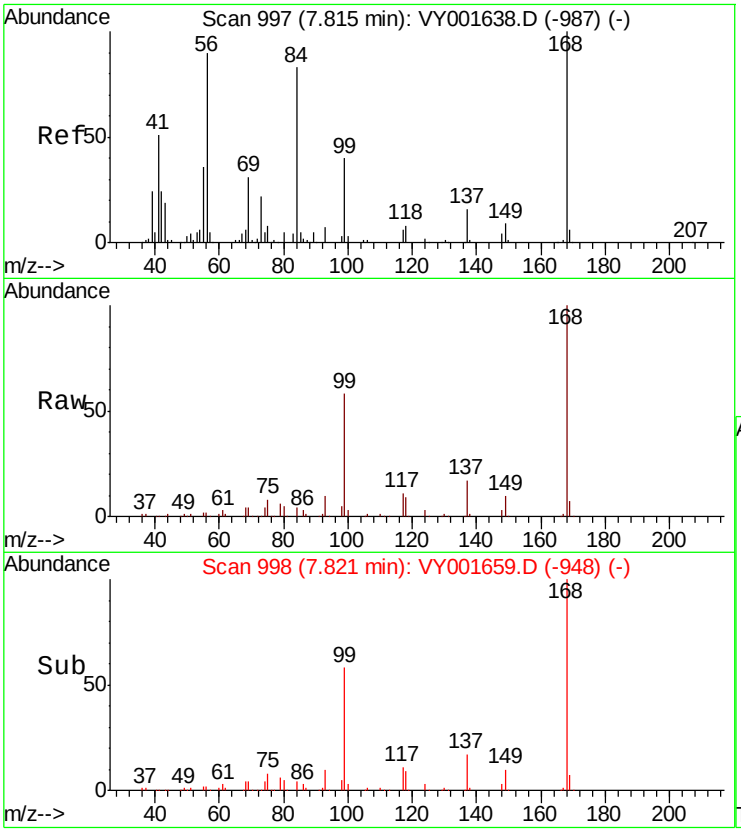


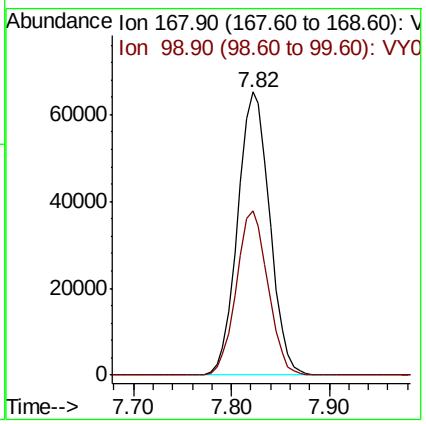


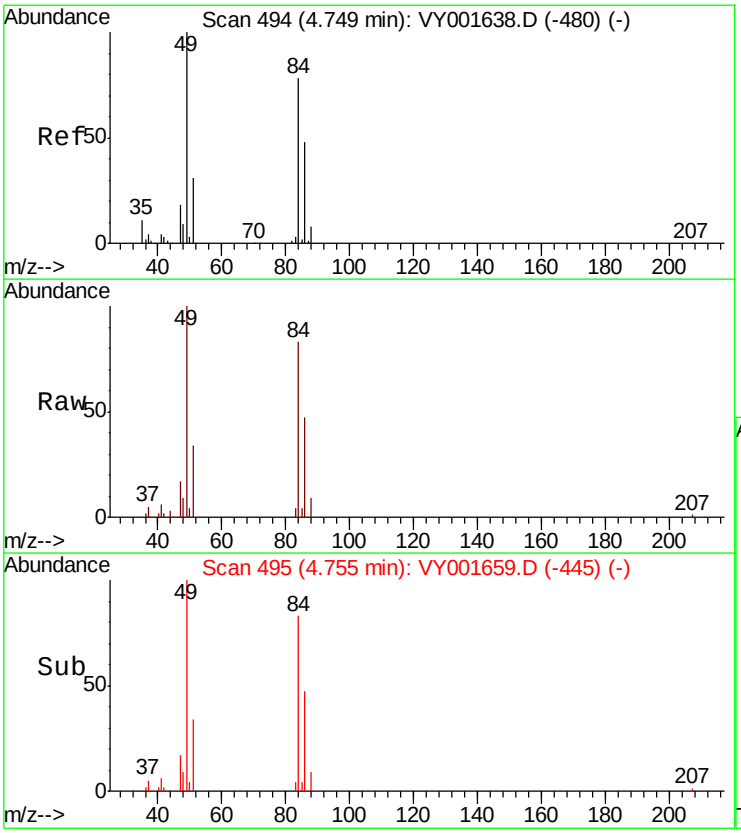
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 148281

Ion	Ratio	Lower	Upper
168	100		
99	58.1	47.5	71.3

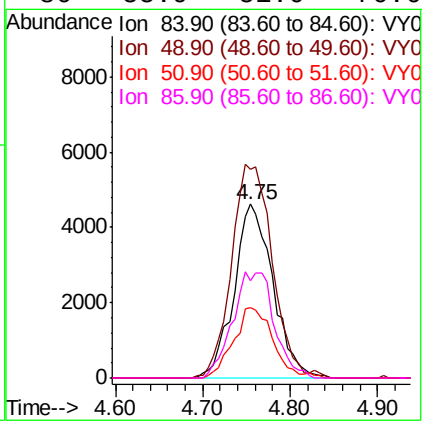


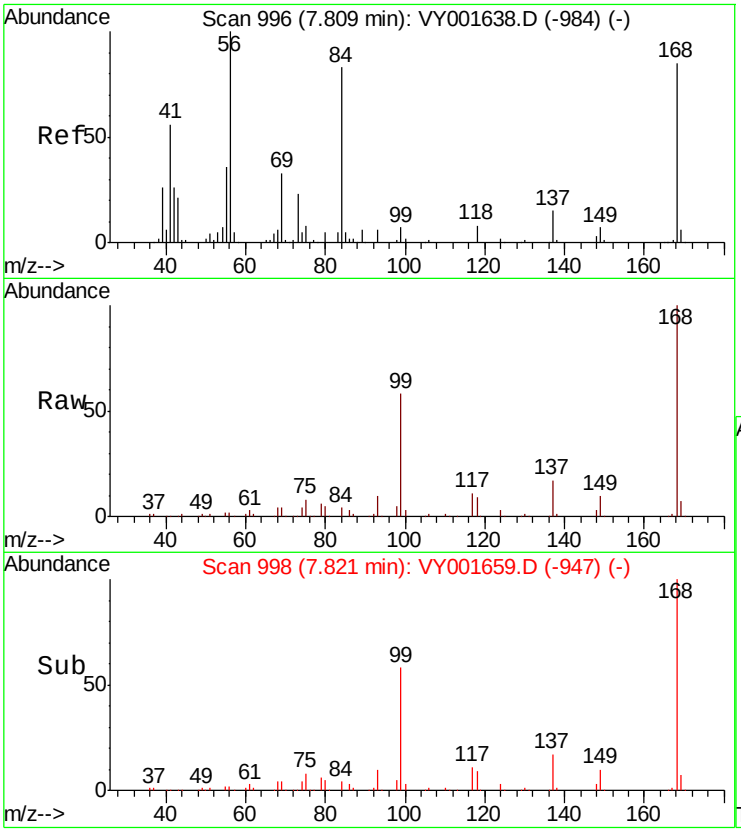


#20
Methylene Chloride
Concen: 7.299 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Tgt Ion: 84 Resp: 14308

Ion	Ratio	Lower	Upper
84	100		
49	119.8	99.2	148.8
51	40.5	31.5	47.3
86	55.9	51.0	76.6



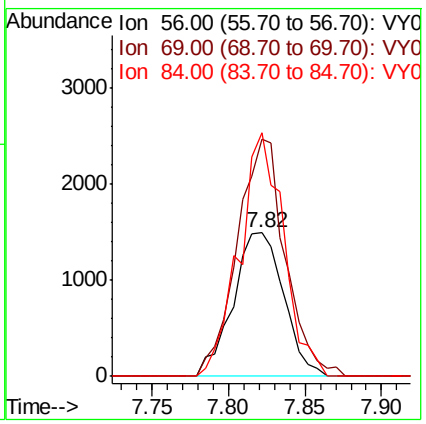


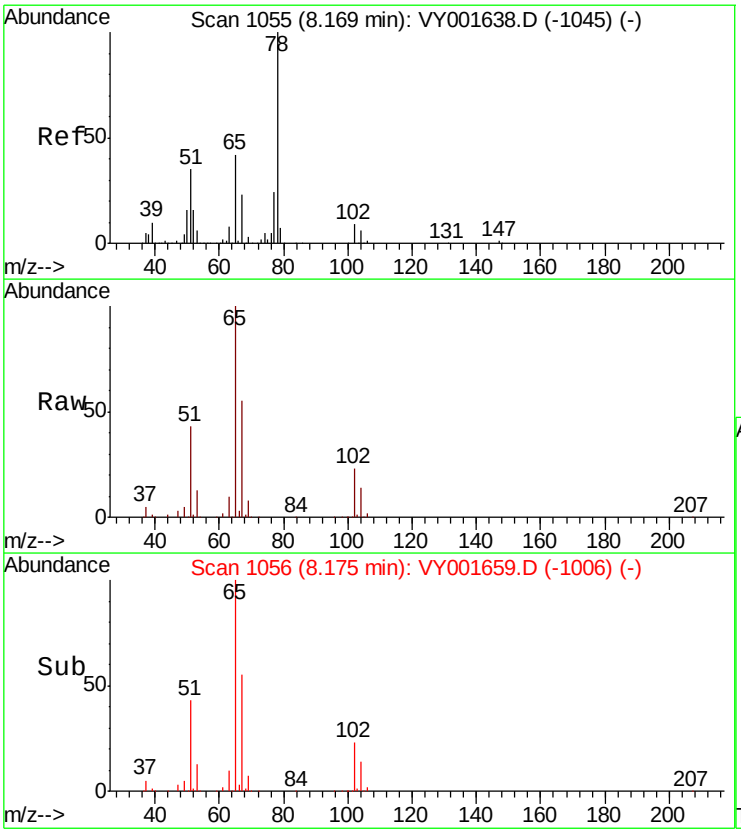
#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 3425

Ion	Ratio	Lower	Upper
56	100		
69	165.7	25.1	37.7#
84	169.8	66.9	100.3#

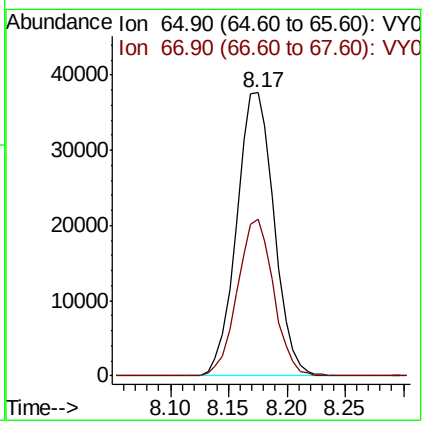


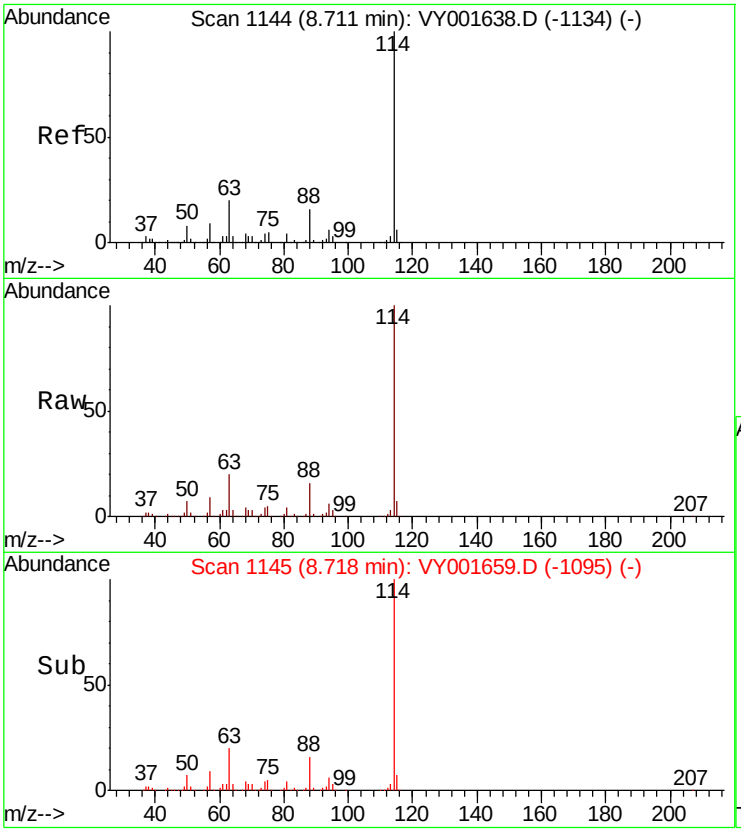


#33
1,2-Dichloroethane-d4
Concen: 52.936 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Tgt Ion: 65 Resp: 84432

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	111.0



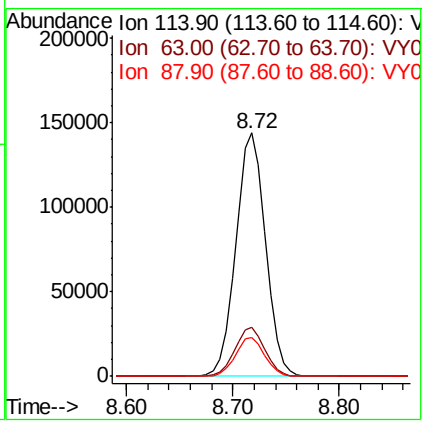


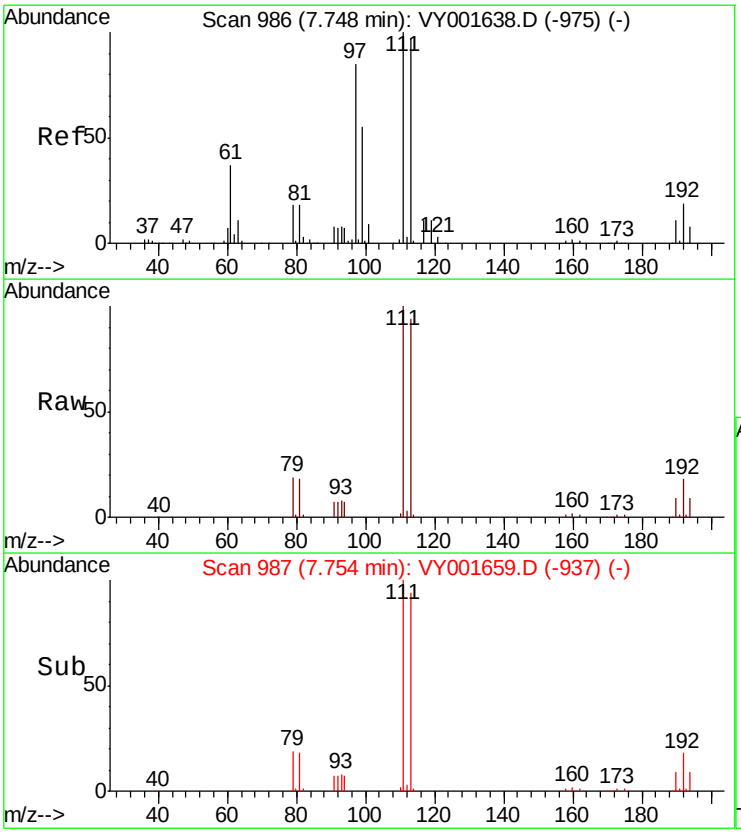
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 280624

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.4
88	16.0	0.0	32.8

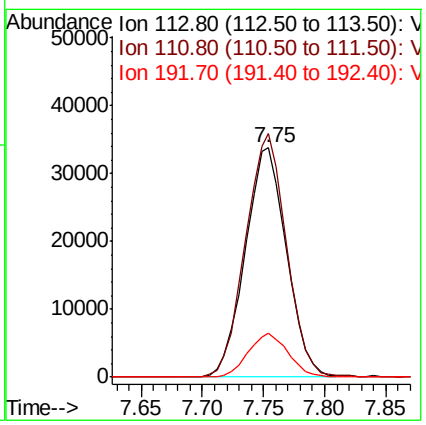


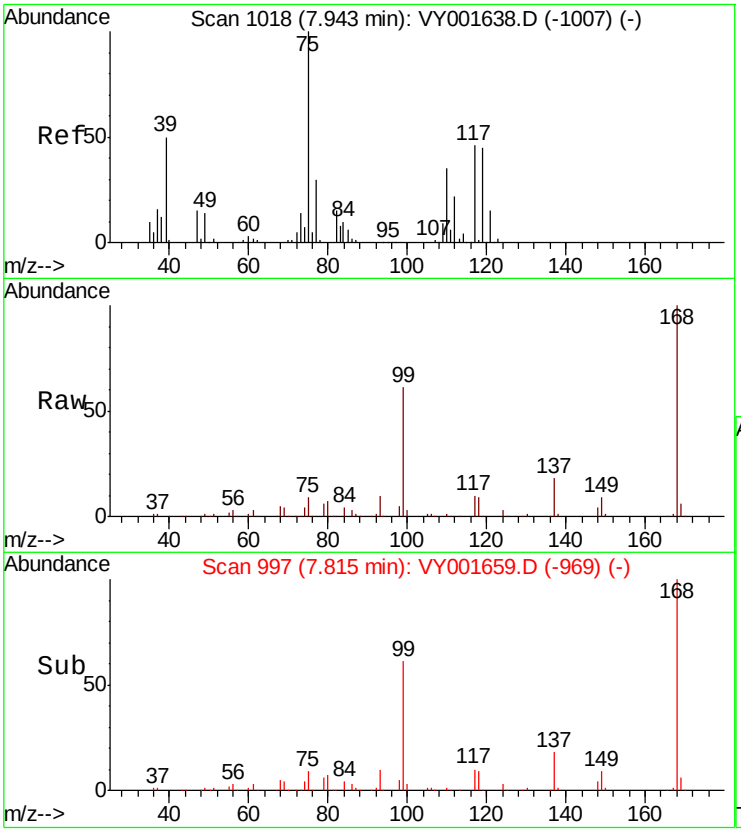


#35
Dibromofluoromethane
Concen: 49.397 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Tgt Ion:113 Resp: 79396

Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.9	122.9
192	18.4	14.3	21.5



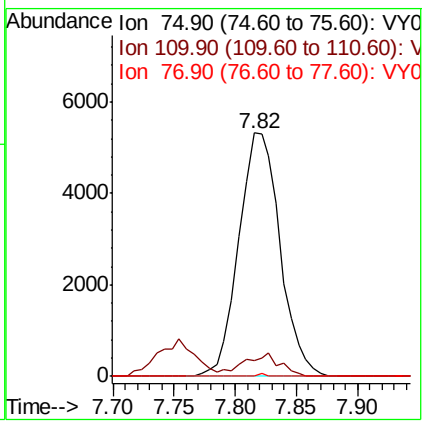


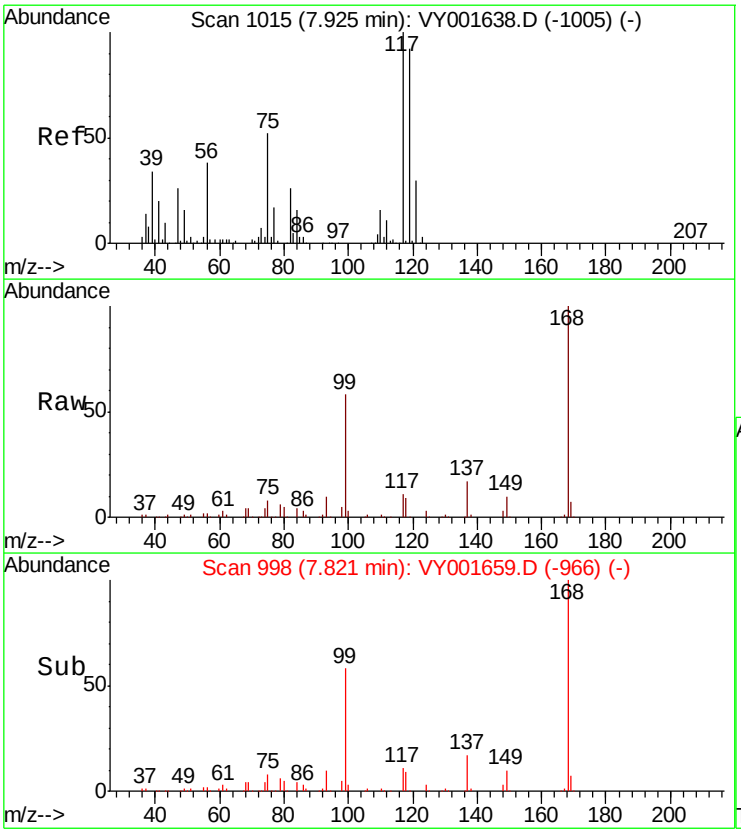
#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.13 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 12432

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.2	51.6#
77	0.2	24.8	37.2#

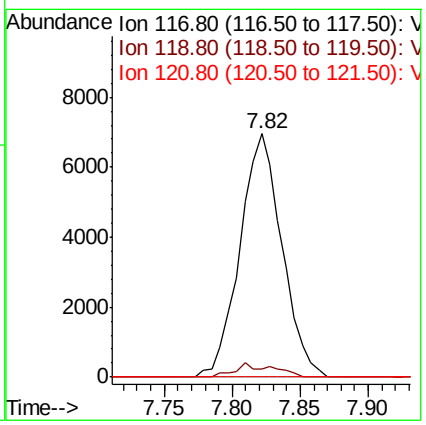


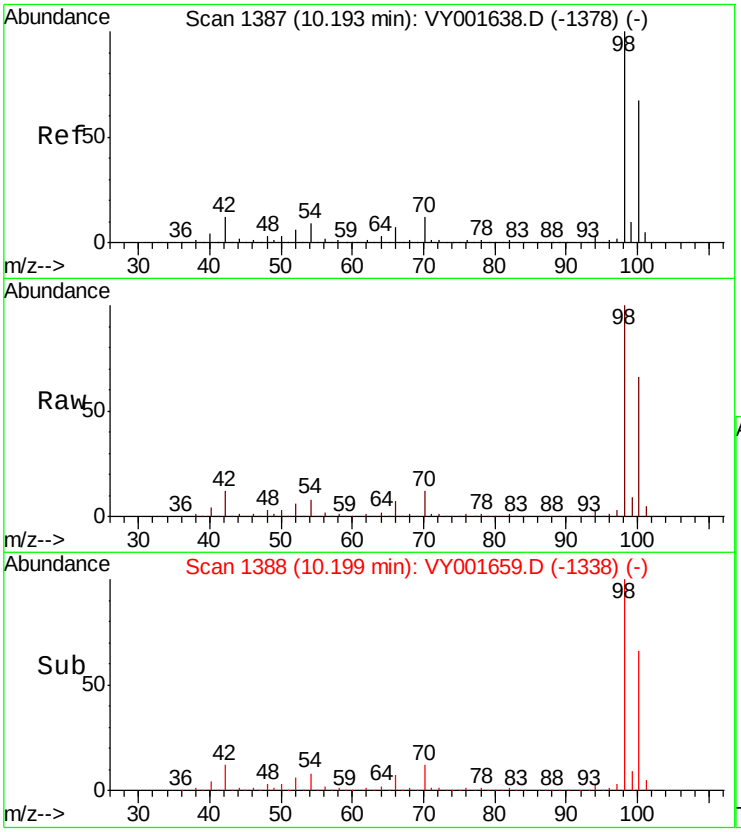


#38
Carbon Tetrachloride
Concen: 6.374 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Tgt Ion:117 Resp: 15008

Ion	Ratio	Lower	Upper
117	100		
119	3.5	74.8	112.2#
121	0.0	23.8	35.6#



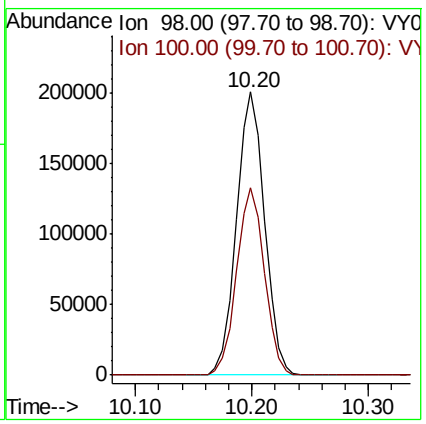


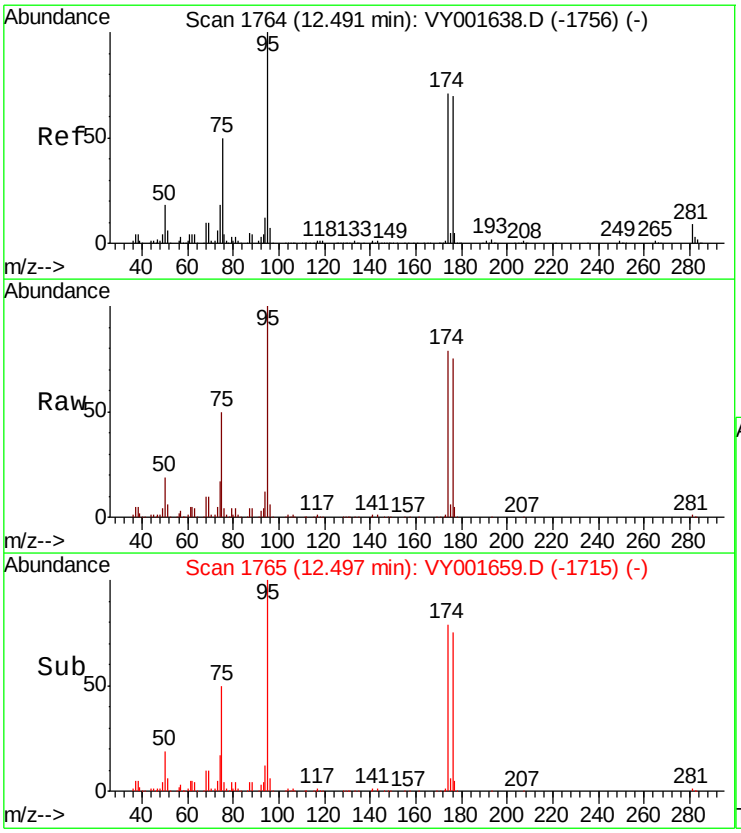
#50
Toluene-d8
Concen: 53.774 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 338611

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4

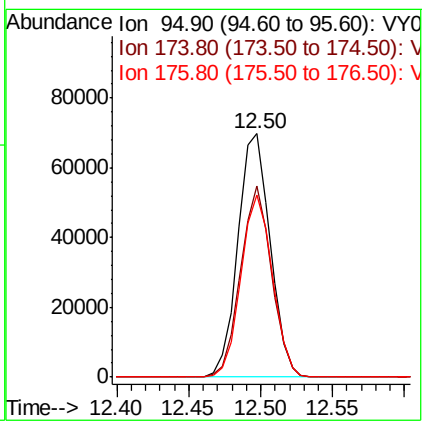


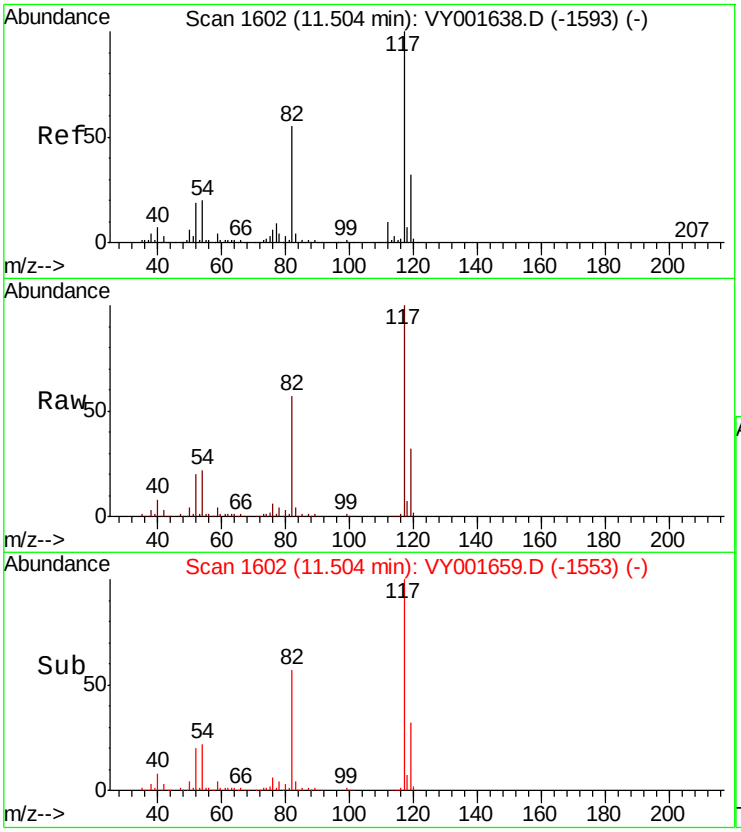


#62
4-Bromofluorobenzene
Concen: 44.284 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Tgt Ion: 95 Resp: 108331

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	138.4
176	72.5	0.0	131.8



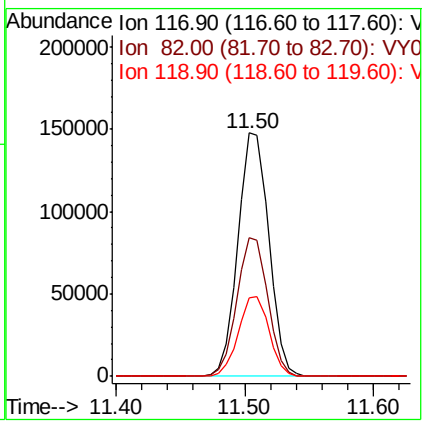


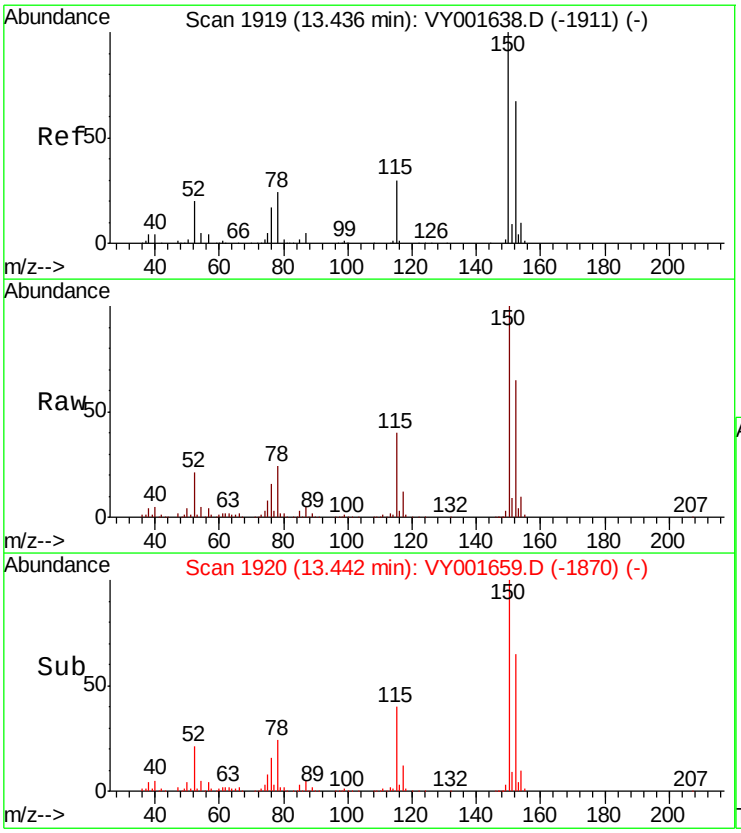
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 244816

Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.5	68.3
119	32.2	25.8	38.6

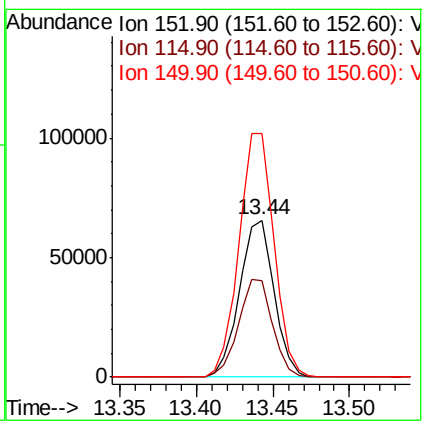


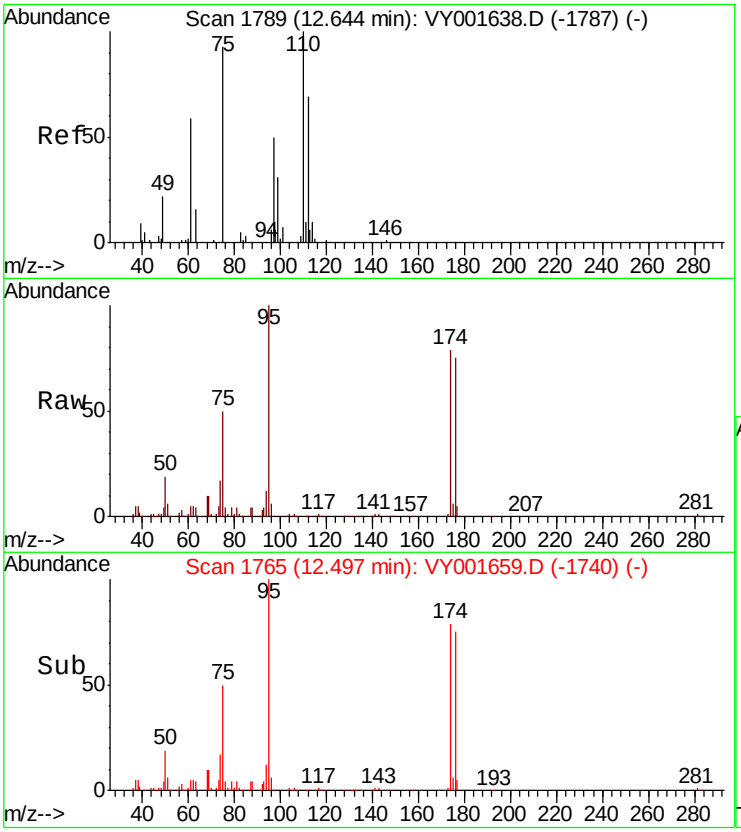


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Tgt Ion:152 Resp: 102840

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.4	94.2
150	157.7	0.0	407.2



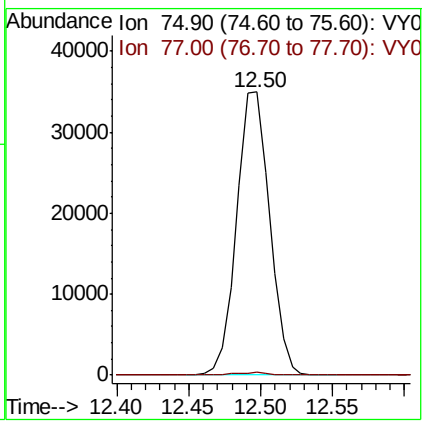


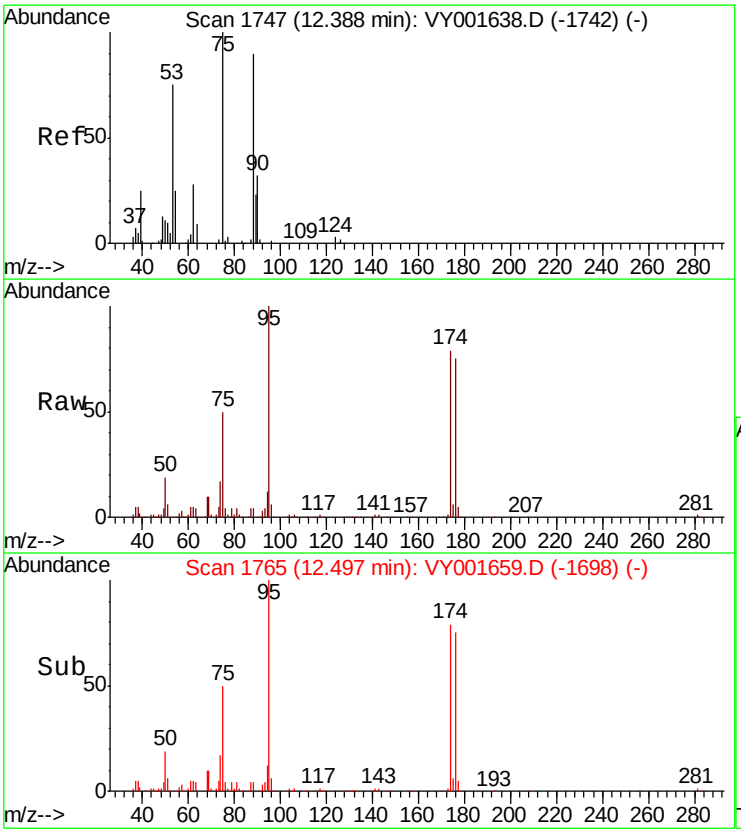
#76
1,2,3-Trichloropropane
Concen: 47.096 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. -0.15 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55560

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.350 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.11 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Tgt Ion: 75 Resp: 55560

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.5	96.7#
89	0.0	36.3	54.5#