Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030520\
Data File : VY001881.D
Acq On : 05 Mar 2020 14:58
Operator : SY/MD
Sample : L1778-24
Misc : 5.74G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Mar 06 04:38:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	124168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	234687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	200686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	77594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	74772	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.82%			
35) Dibromofluoromethane	7.74	113	67674	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.62%			
50) Toluene-d8	10.19	98	280544	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.84%			
62) 4-Bromofluorobenzene	12.49	95	88210	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.90%			
Target Compounds						Qvalue
5) Bromomethane	2.91	94	49	Below Cal	#	4
16) Acetone	3.97	43	1348	3.491	ug/l #	88
20) Methylene Chloride	4.75	84	4397	2.657	ug/l	90
36) 1,1-Dichloropropene	7.81	75	10344	4.580	ug/l #	50
38) Carbon Tetrachloride	7.81	117	12623	6.543	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1376	1.075	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	45438	49.351	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	45438	99.687	ug/l #	17
86) p-Isopropyltoluene	13.38	119	6654	1.292	ug/l	88

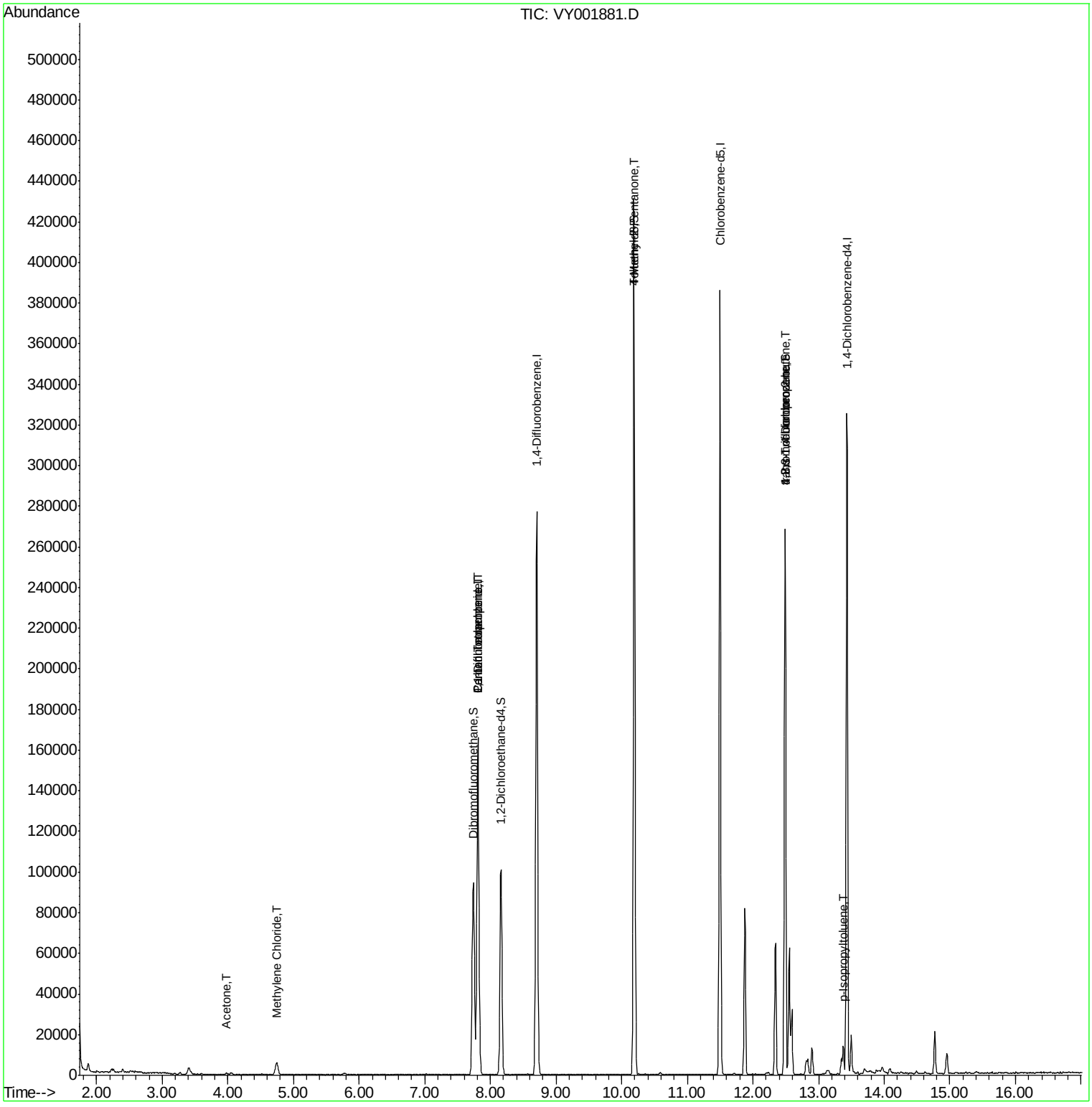
(#) = qualifier out of range (m) = manual integration (+) = signals summed

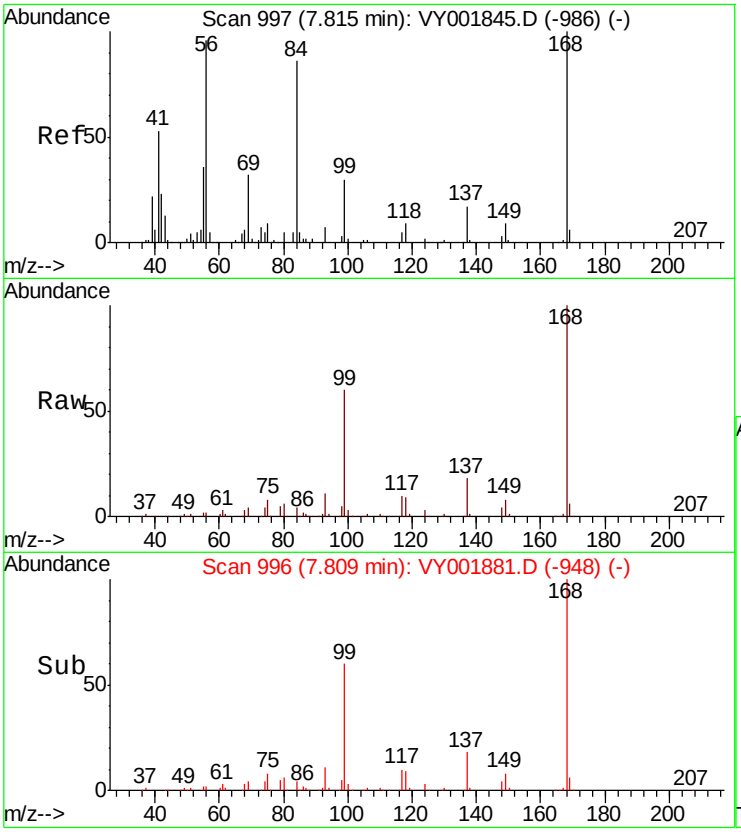
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030520\
Data File : VY001881.D
Acq On : 05 Mar 2020 14:58
Operator : SY/MD
Sample : L1778-24
Misc : 5.74G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 06 04:38:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration



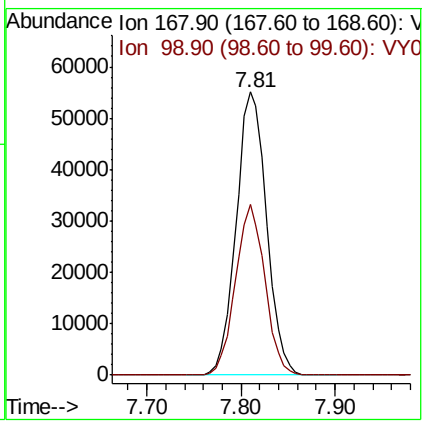


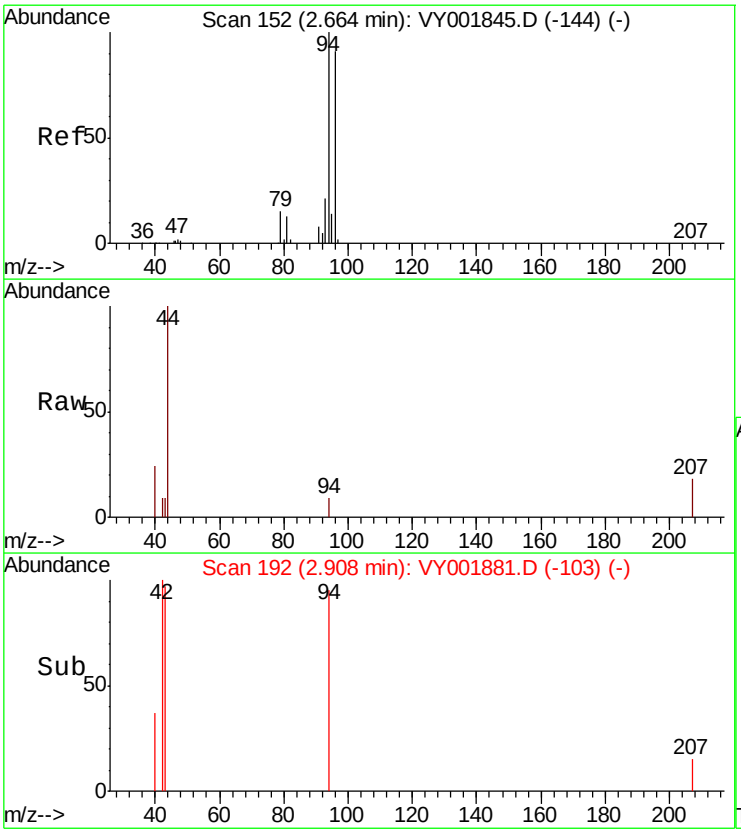
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.01 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 124168

Ion	Ratio	Lower	Upper
168	100		
99	60.4	46.7	70.1

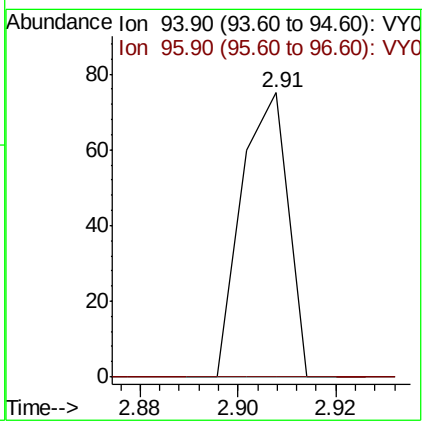


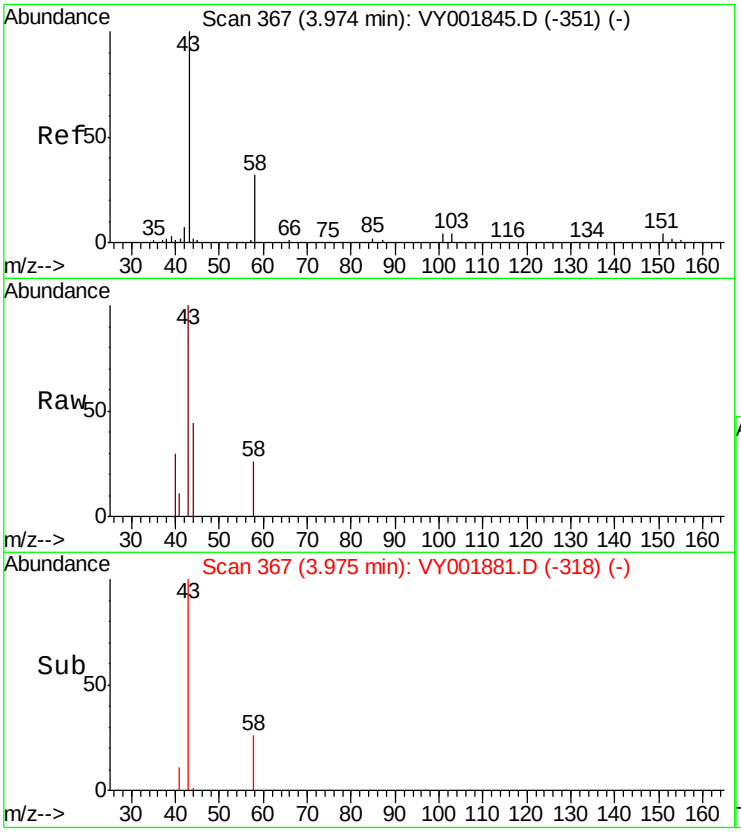


#5
Bromomethane
Concen: Below Cal
RT: 2.91 min Scan# 192
Delta R.T. 0.24 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Tgt Ion: 94 Resp: 49

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.2	109.8#



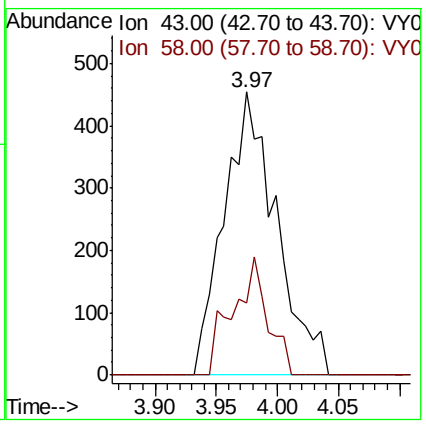


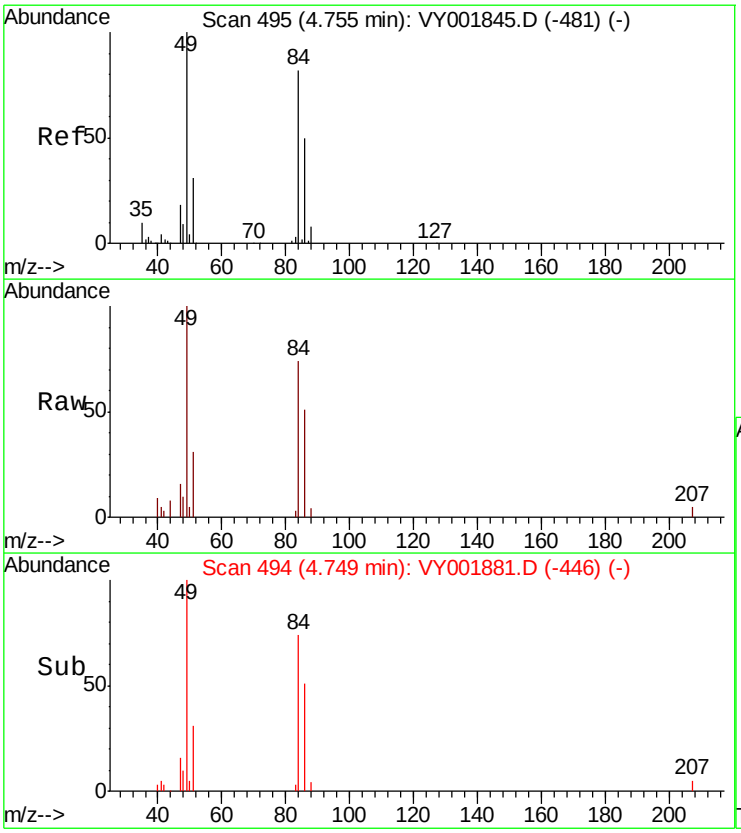
#16
Acetone
Concen: 3.491 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1348

Ion	Ratio	Lower	Upper
43	100		
58	25.6	25.9	38.9#

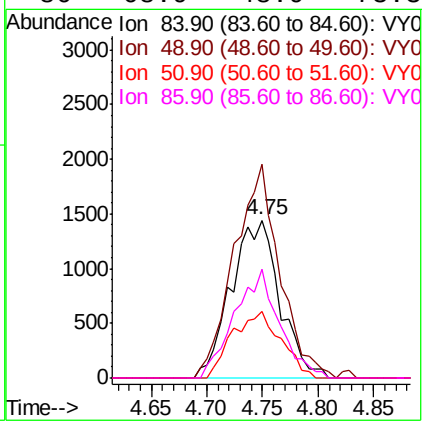


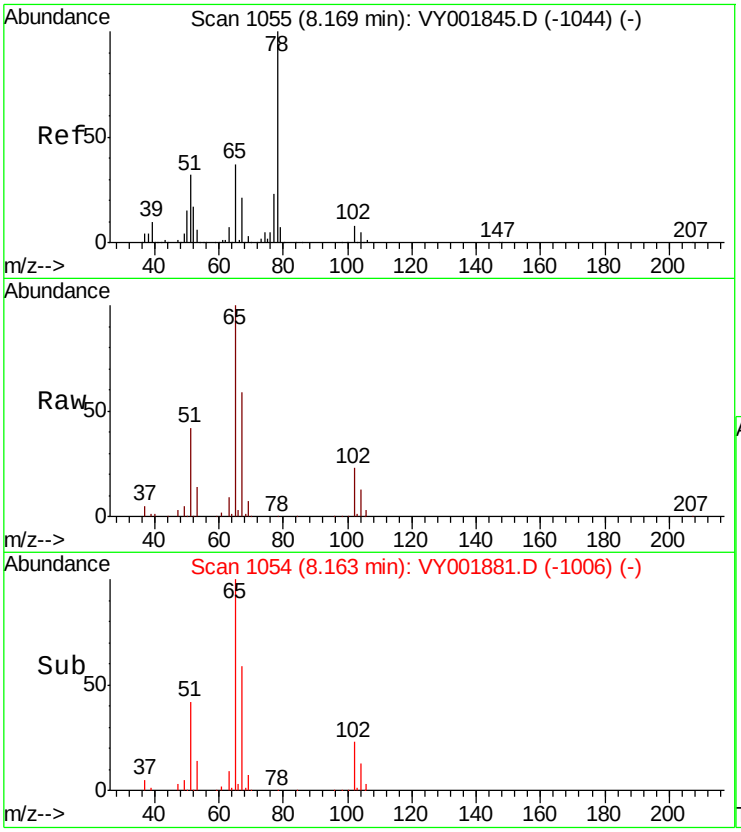


#20
Methylene Chloride
Concen: 2.657 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Tgt Ion: 84 Resp: 4397

Ion	Ratio	Lower	Upper
84	100		
49	135.3	98.2	147.2
51	42.3	30.2	45.2
86	68.9	48.9	73.3



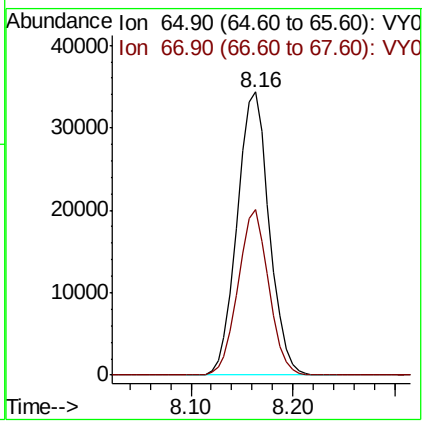


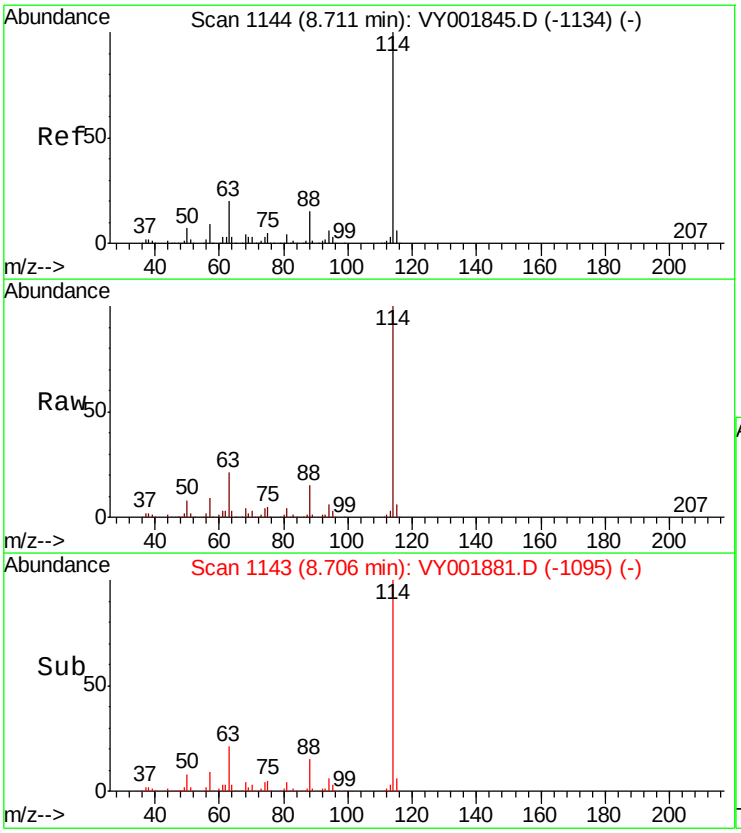
#33
1,2-Dichloroethane-d4
Concen: 56.407 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 74772

Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	110.8

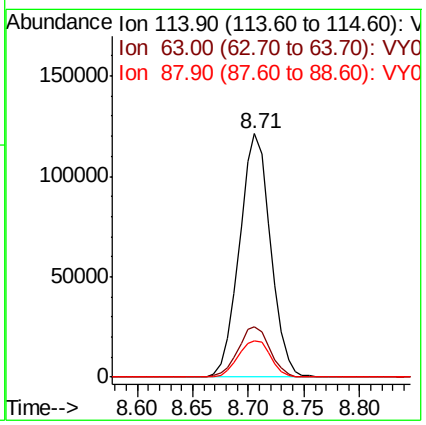


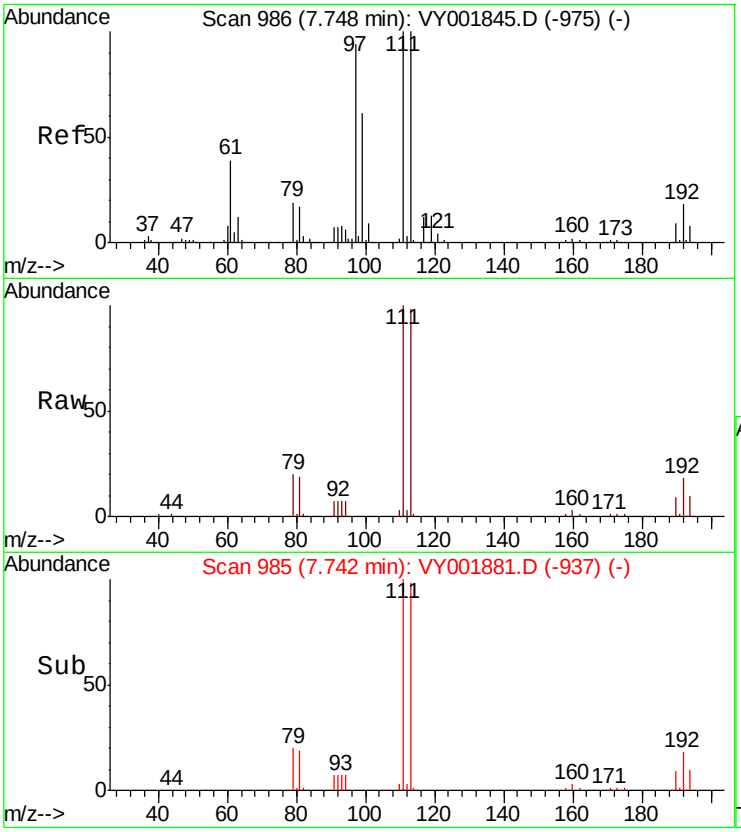


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Tgt Ion:114 Resp: 234687

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.4
88	15.1	0.0	30.4



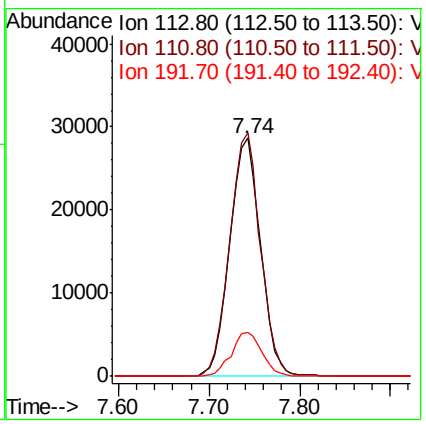


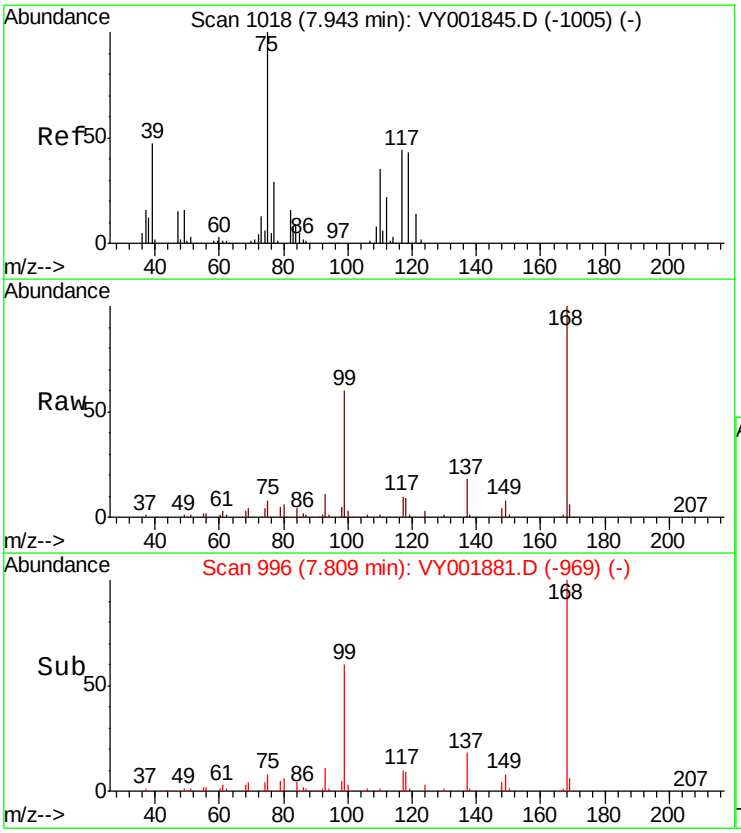
#35
Dibromofluoromethane
Concen: 52.809 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 67674

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	18.3	14.2	21.2

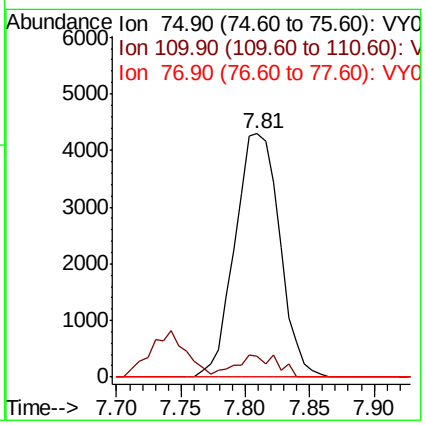


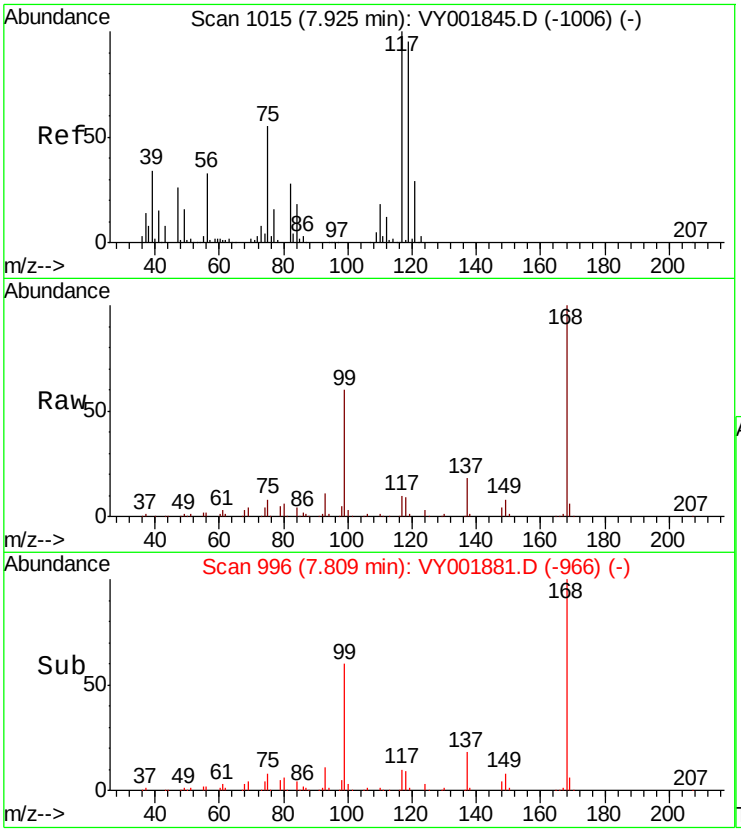


#36
1,1-Dichloropropene
Concen: 4.580 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.13 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Tgt Ion: 75 Resp: 10344

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.4	52.2#
77	0.0	24.2	36.2#



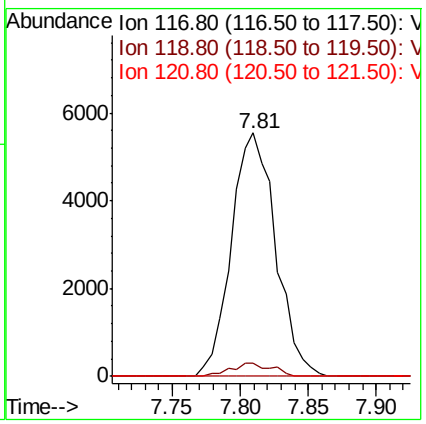


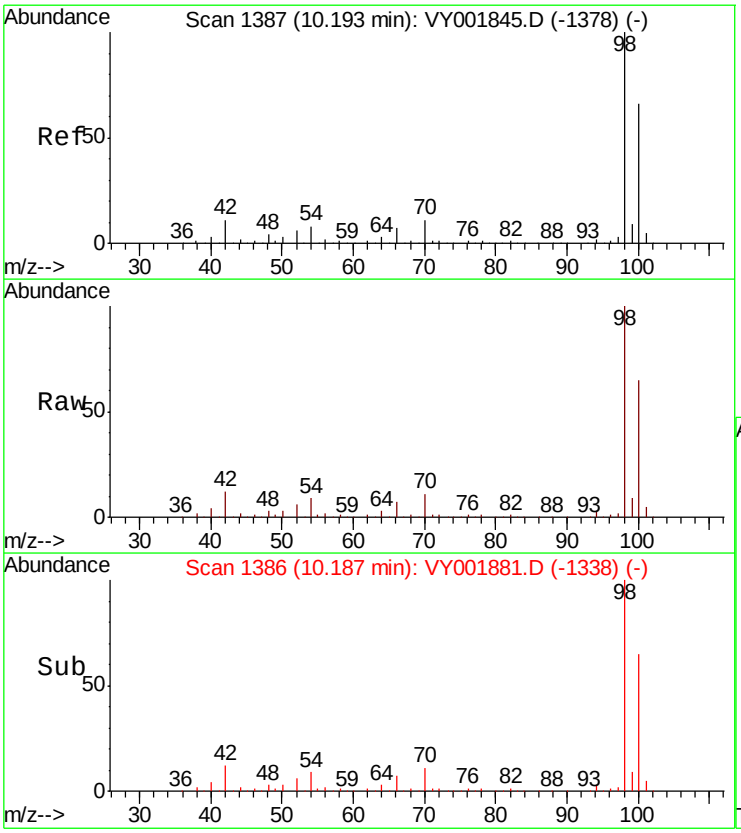
#38
Carbon Tetrachloride
Concen: 6.543 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 12623

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.3	114.5#
121	0.0	23.5	35.3#

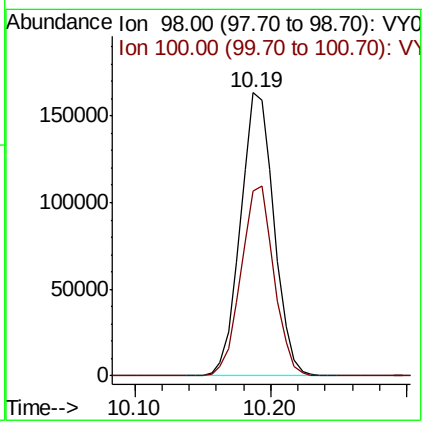


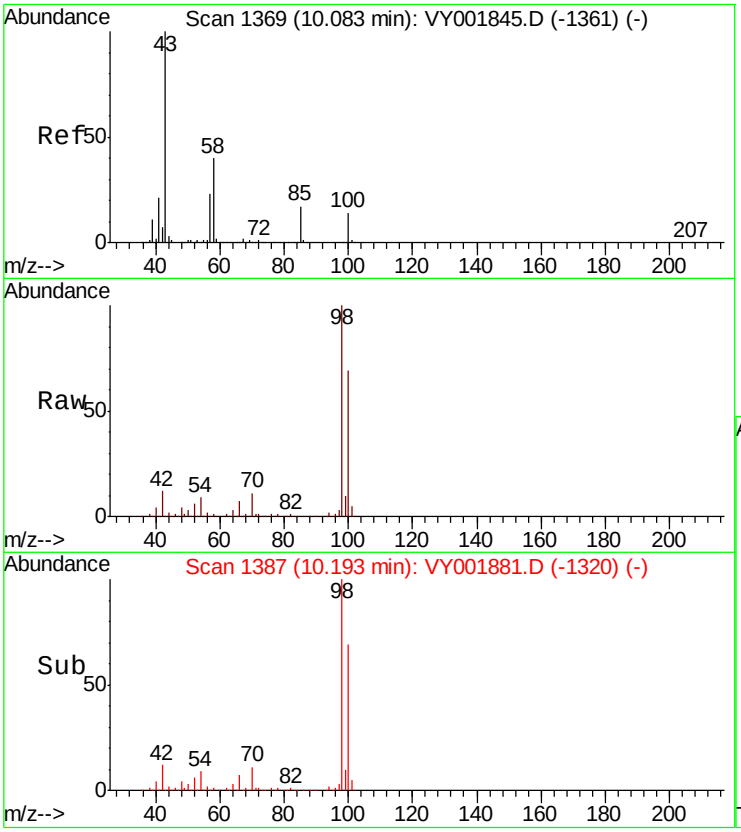


#50
Toluene-d8
Concen: 51.916 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Tgt Ion: 98 Resp: 280544

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



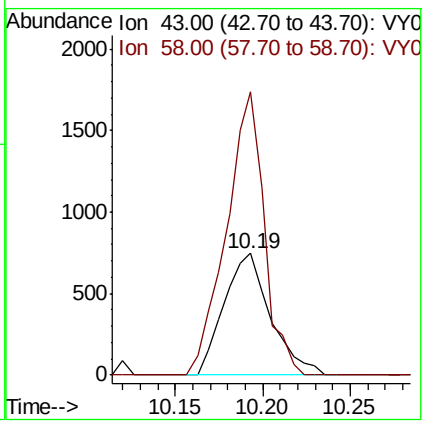


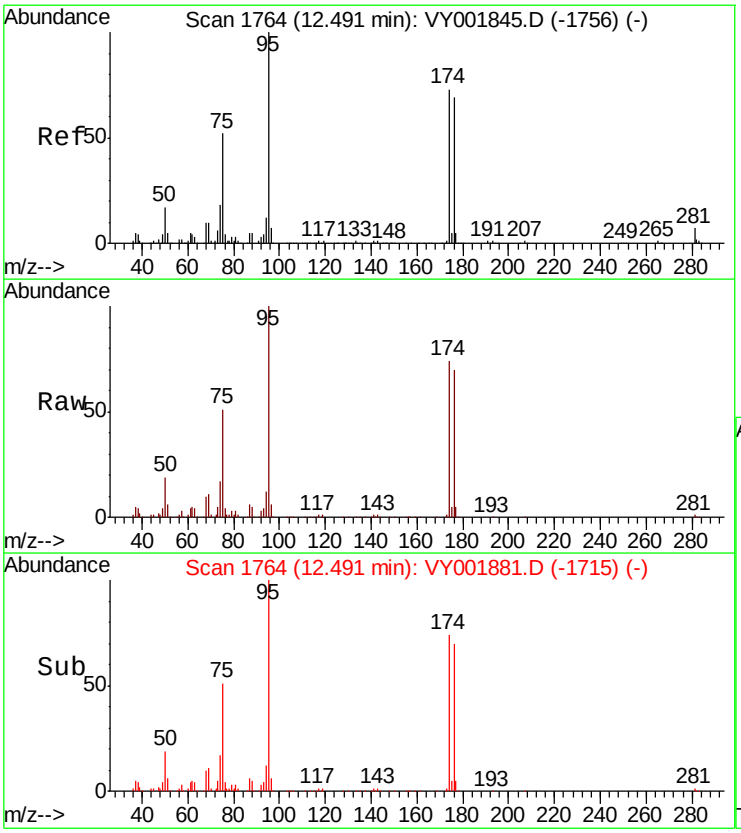
#51
4-Methyl-2-Pentanone
Concen: 1.075 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.11 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1376

Ion	Ratio	Lower	Upper
43	100		
58	189.5	32.0	48.0#

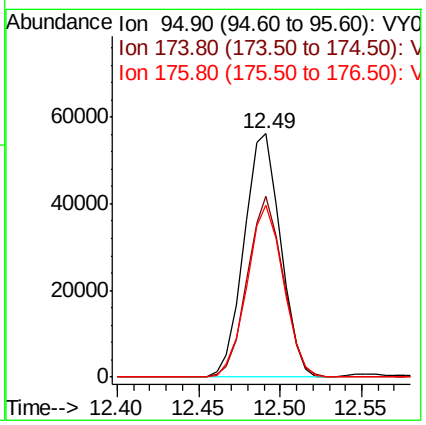


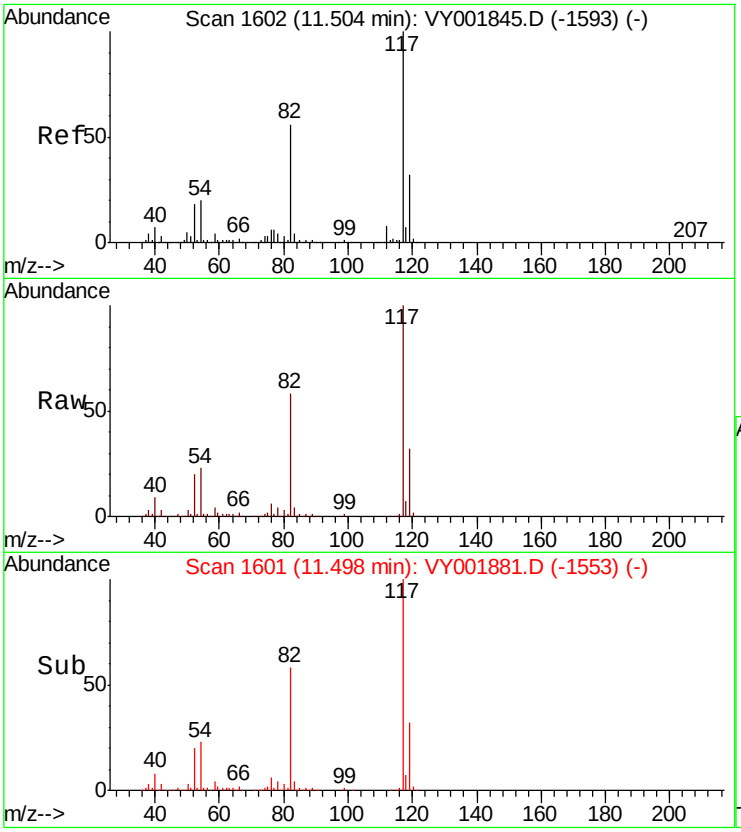


#62
4-Bromofluorobenzene
Concen: 46.946 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Tgt Ion: 95 Resp: 88210

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	145.0
176	70.0	0.0	137.4



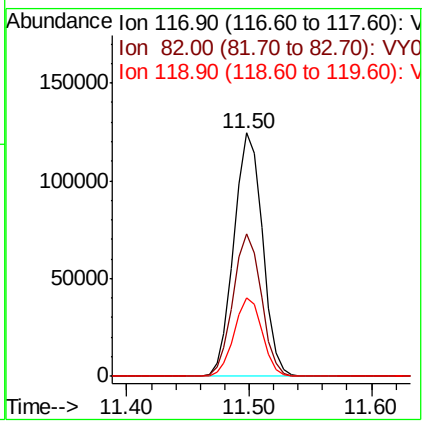


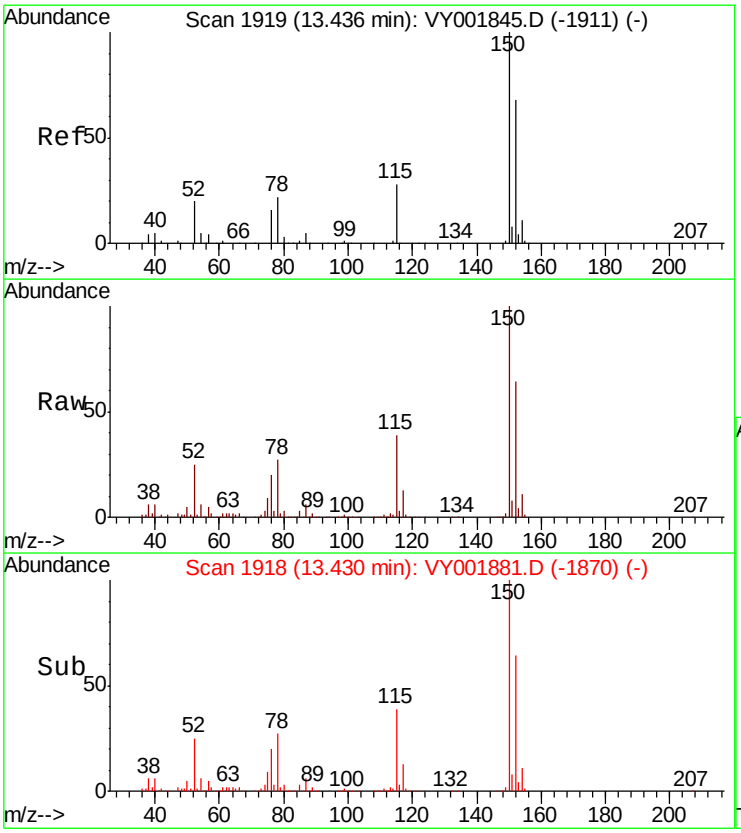
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 200686

Ion	Ratio	Lower	Upper
117	100		
82	58.3	44.5	66.7
119	32.1	25.7	38.5

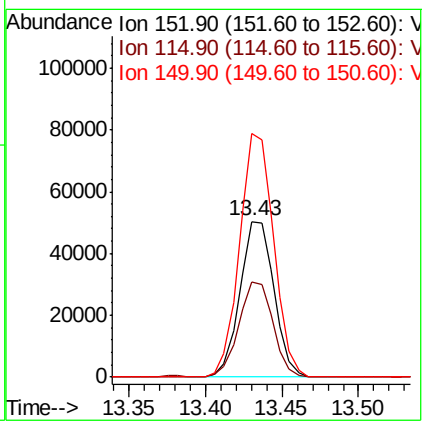


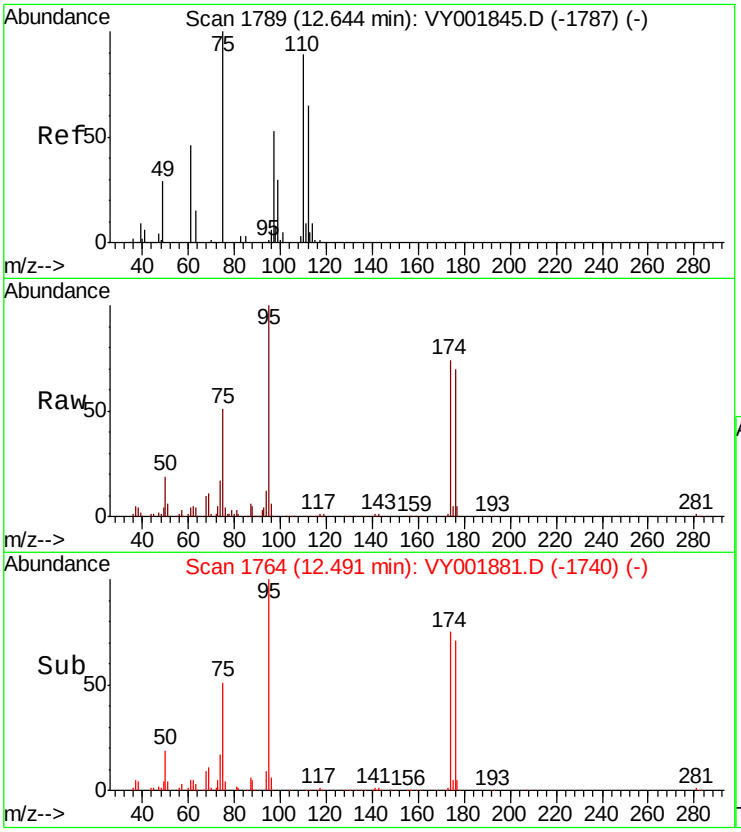


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Tgt Ion:152 Resp: 77594

Ion	Ratio	Lower	Upper
152	100		
115	61.5	29.9	89.7
150	157.3	0.0	340.6



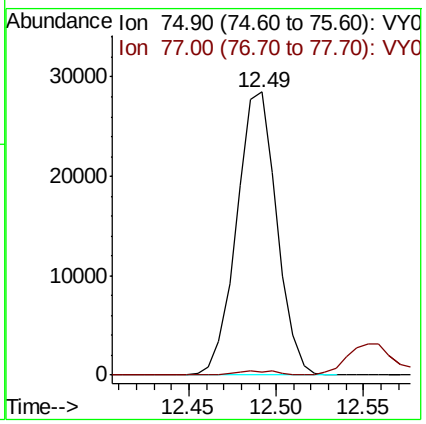


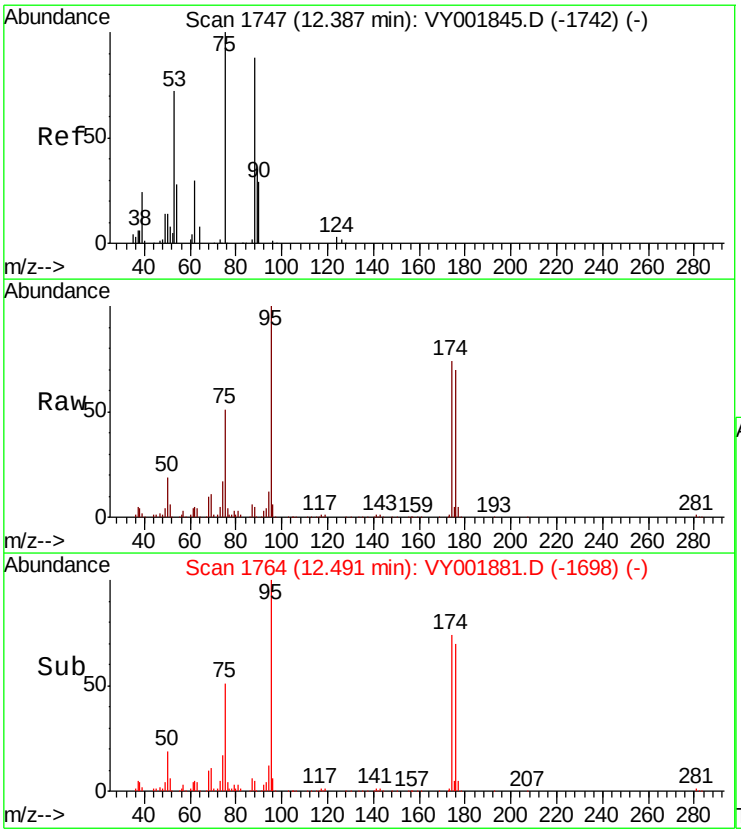
#76
1,2,3-Trichloropropane
Concen: 49.351 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45438

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

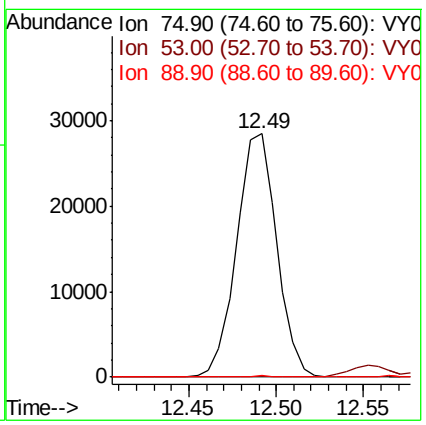


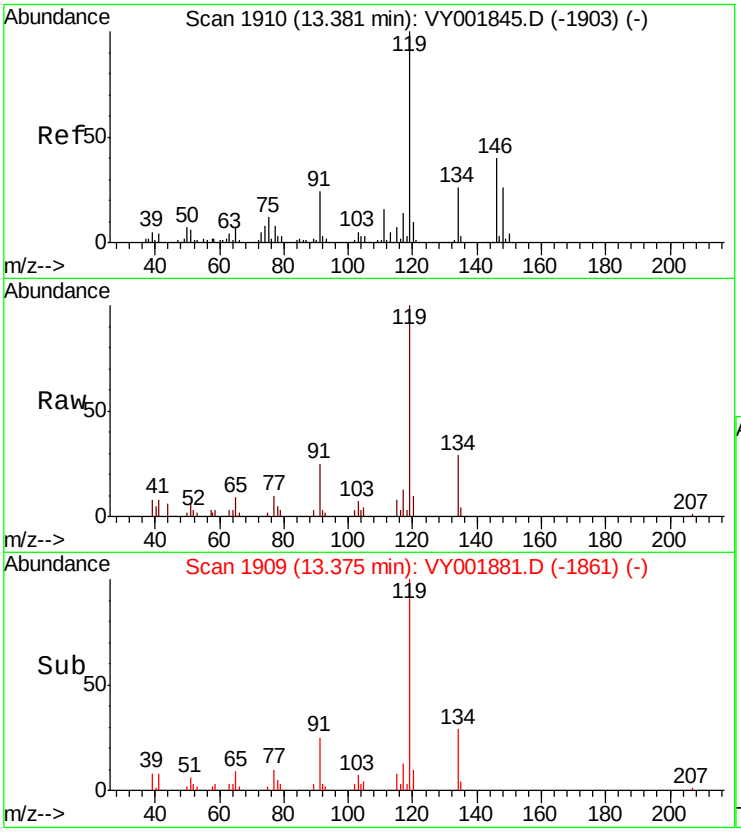


#81
trans-1,4-Dichloro-2-butene
Concen: 99.687 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.10 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Tgt Ion: 75 Resp: 45438

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.4	98.0#
89	0.4	36.0	54.0#





#86
p-Isopropyltoluene
Concen: 1.292 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.01 min
Lab File: VY001881.D
Acq: 05 Mar 2020 14:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:119 Resp: 6654

Ion	Ratio	Lower	Upper
119	100		
134	28.6	13.1	39.3
91	33.5	11.9	35.7