Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002546.D
Acq On : 04 May 2020 17:10
Operator : SY/MD
Sample : L2452-01RE
Misc : 6.23G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 72-11976RE

Quant Time: May 05 07:08:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	102784	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.70	114	162065	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	138582	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	59946	50.00	ug/l		-0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.16	65	45368	52.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.00%				
35) Dibromofluoromethane	7.73	113	48170	51.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.94%				
50) Toluene-d8	10.18	98	187269	51.74	ug/l		-0.01
Spiked Amount 50.000			Recovery = 103.48%				
62) 4-Bromofluorobenzene	12.48	95	54367	44.27	ug/l		-0.01
Spiked Amount 50.000			Recovery = 88.54%				
Target Compounds							Qvalue
16) Acetone	3.96	43	400	2.243	ug/l		95
20) Methylene Chloride	4.74	84	1569	1.573	ug/l		94
31) Cyclohexane	7.80	56	1805	1.162	ug/l	#	1
32) 1,1,1-Trichloroethane	7.71	97	1560	1.046	ug/l	#	47
36) 1,1-Dichloropropene	7.80	75	6487	4.775	ug/l	#	50
38) Carbon Tetrachloride	7.80	117	9722	6.554	ug/l	#	16
51) 4-Methyl-2-Pentanone	10.19	43	755	1.119	ug/l	#	1
76) 1,2,3-Trichloropropane	12.48	75	26438	49.628	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	26438	99.514	ug/l	#	15

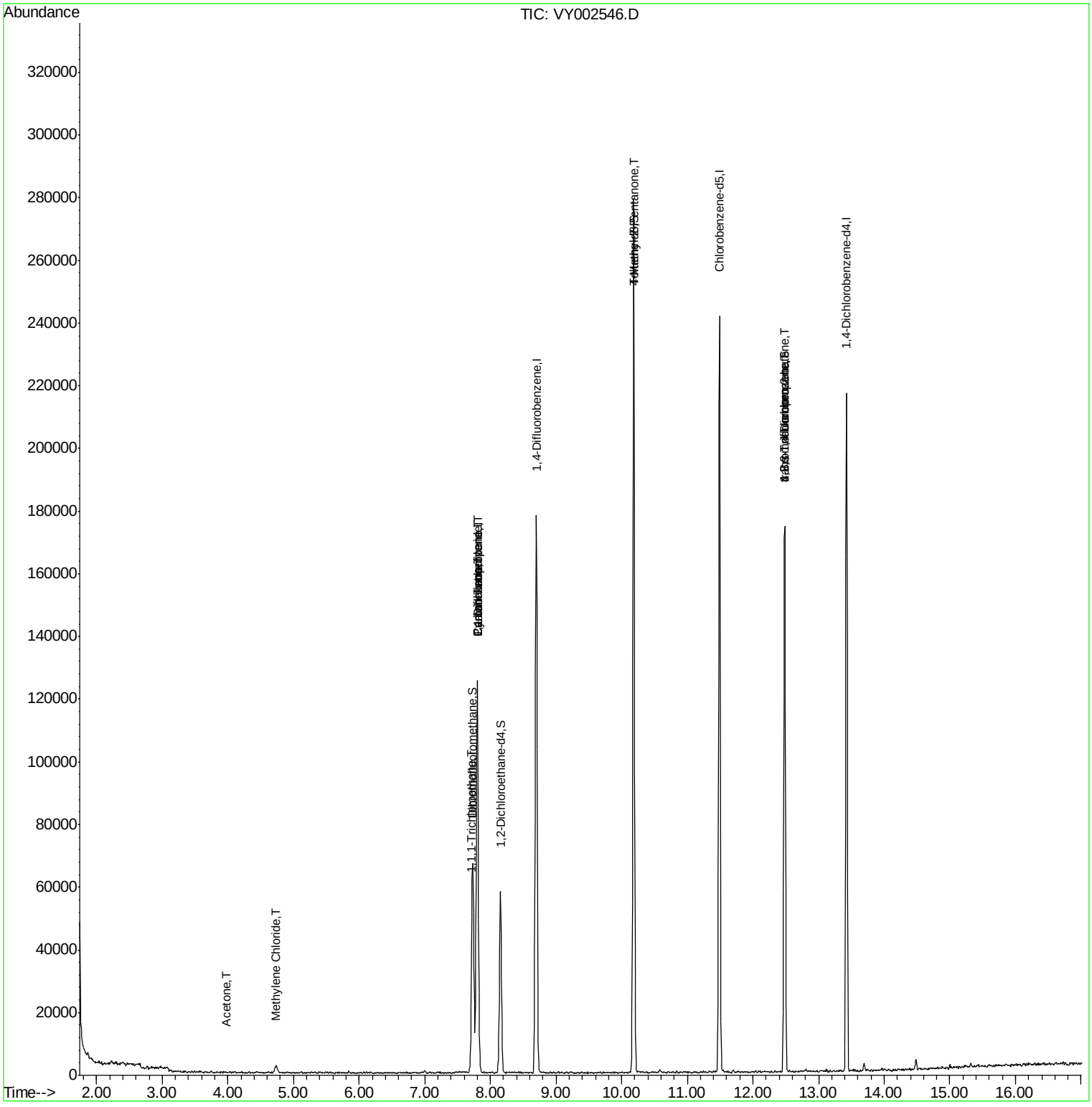
(#) = qualifier out of range (m) = manual integration (+) = signals summed

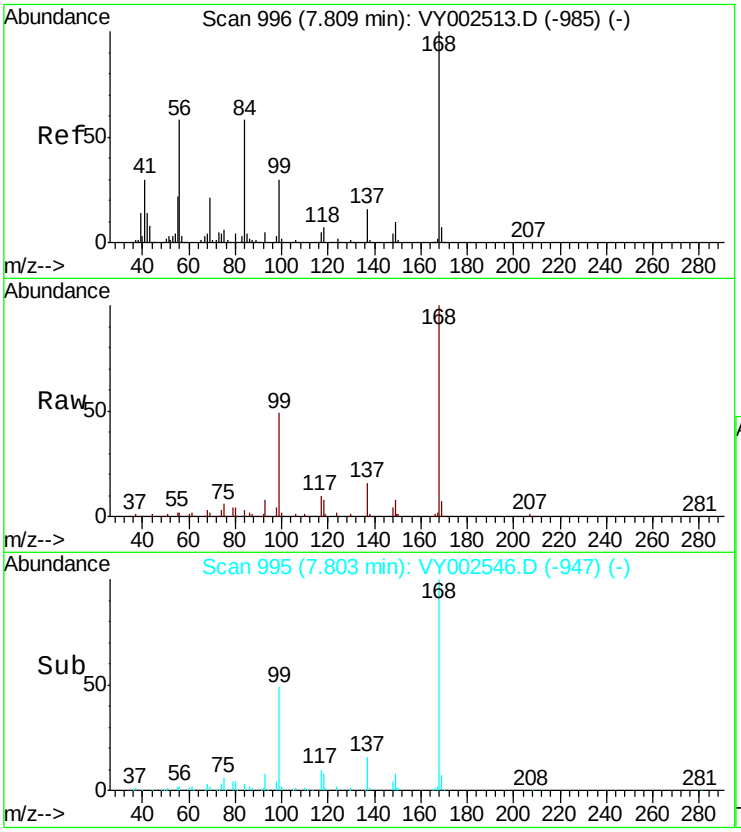
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050420\
Data File : VY002546.D
Acq On : 04 May 2020 17:10
Operator : SY/MD
Sample : L2452-01RE
Misc : 6.23G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : 72-11976RE

Quant Time: May 05 07:08:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration



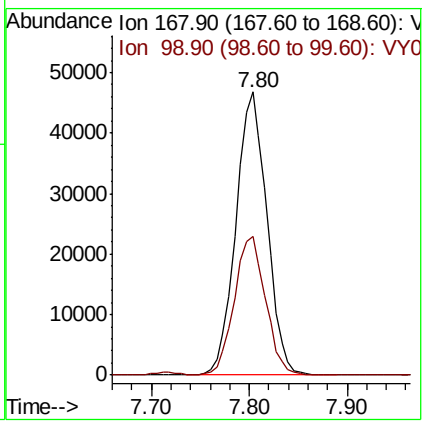


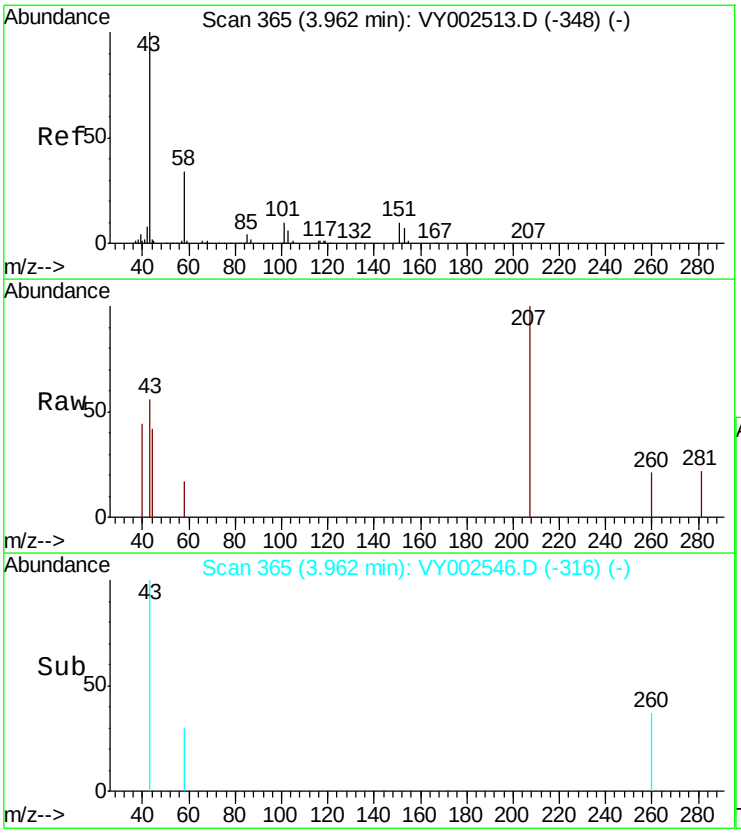
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Tgt Ion:168 Resp: 102784

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.2	58.8

Instrument :
MSVOA_Y
ClientSampleId :
72-11976RE

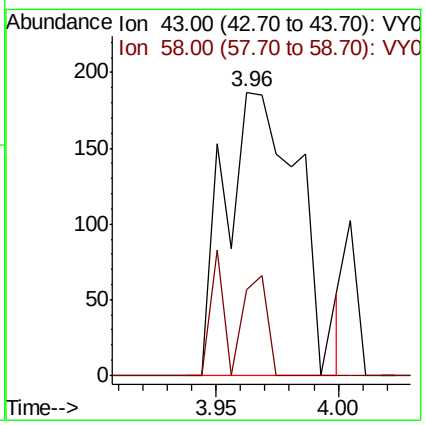


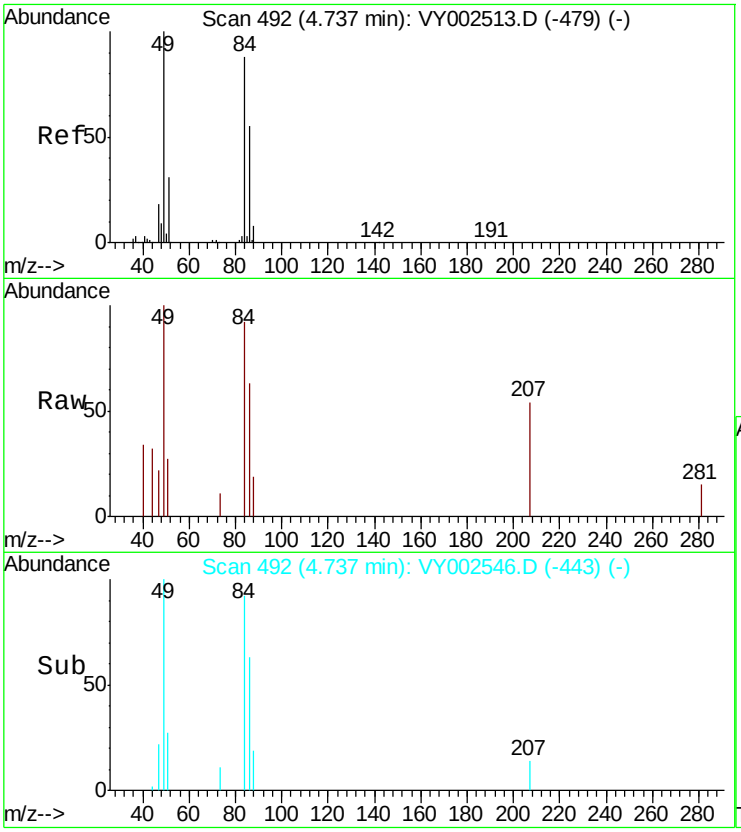


#16
Acetone
Concen: 2.243 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.00 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Tgt Ion: 43 Resp: 400

Ion	Ratio	Lower	Upper
43	100		
58	30.5	26.9	40.3



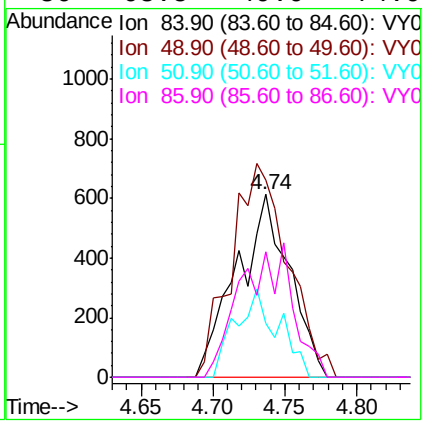


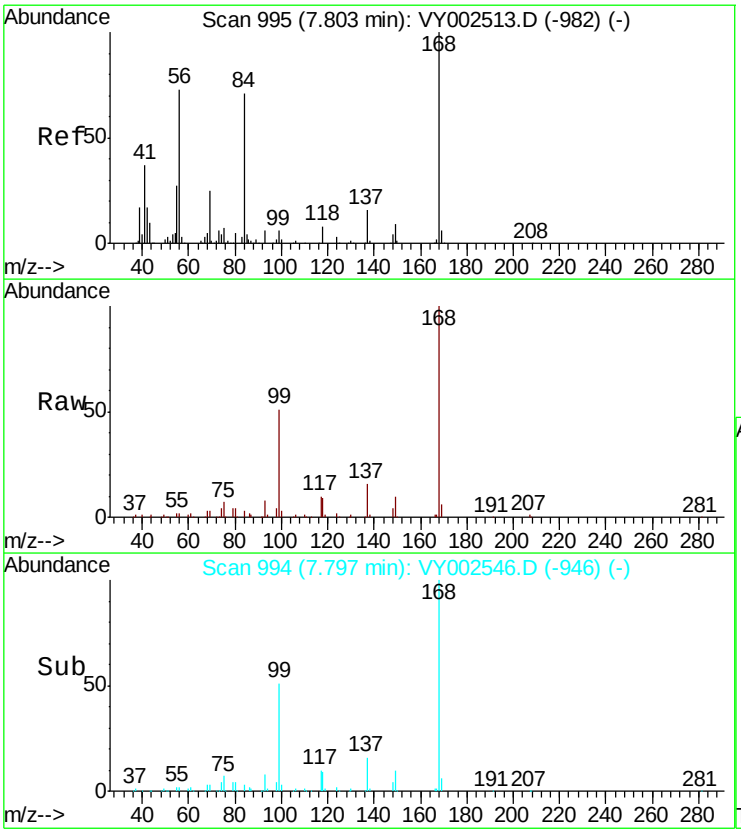
#20
Methylene Chloride
Concen: 1.573 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Instrument : MSVOA_Y
ClientSampleId : 72-11976RE

Tgt Ion: 84 Resp: 1569

Ion	Ratio	Lower	Upper
84	100		
49	108.3	90.5	135.7
51	29.6	28.3	42.5
86	68.5	49.9	74.9

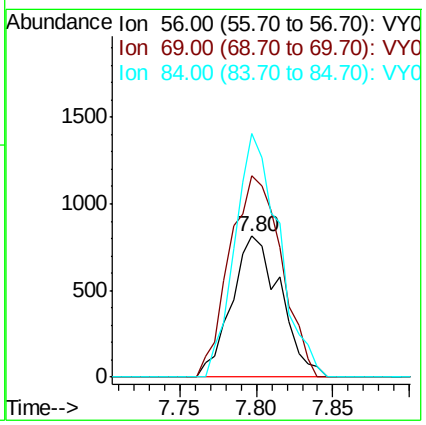


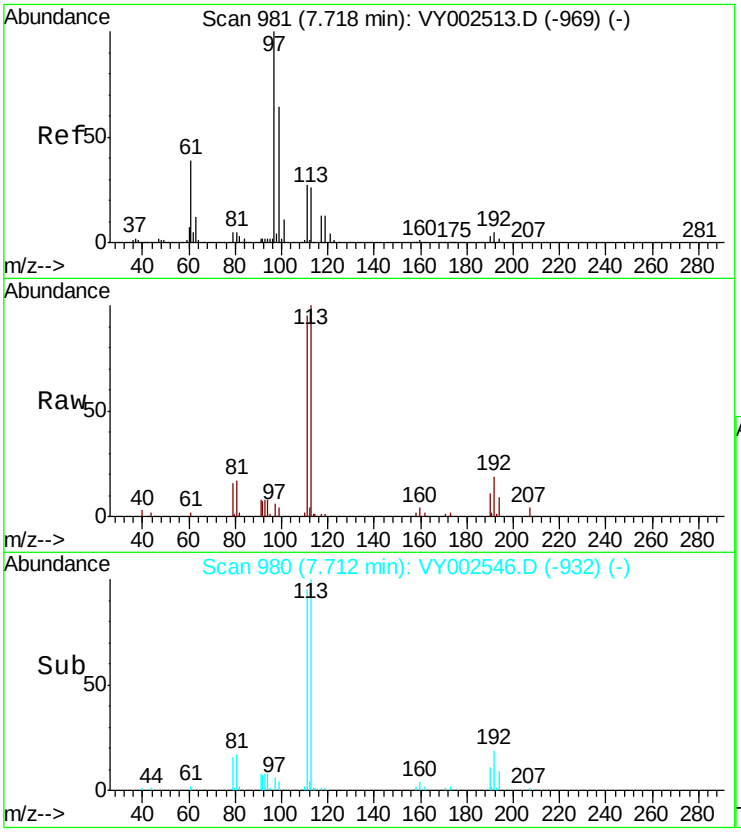


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Tgt Ion: 56 Resp: 1805

Ion	Ratio	Lower	Upper
56	100		
69	142.6	27.6	41.4#
84	172.5	77.7	116.5#



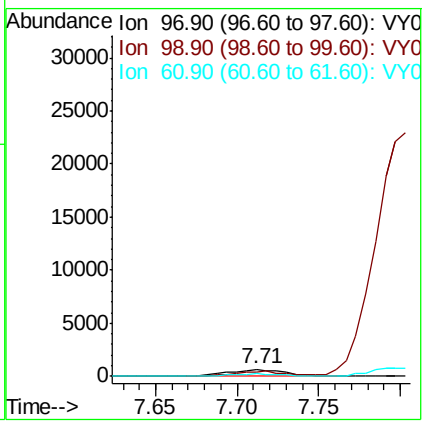


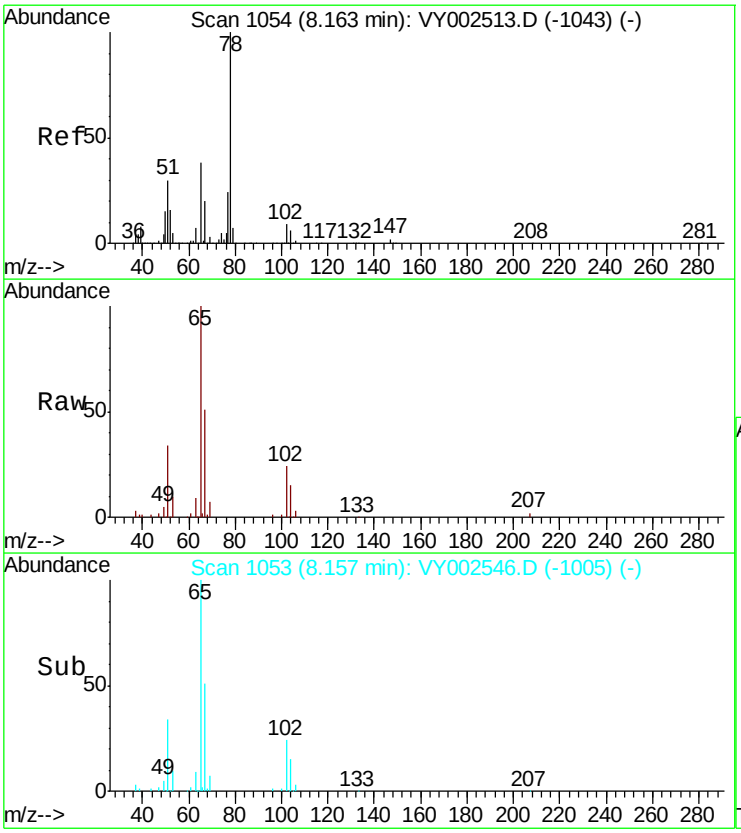
#32
1,1,1-Trichloroethane
Concen: 1.046 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
72-11976RE

Tgt Ion: 97 Resp: 1560

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.9	77.9#
61	36.6	31.0	46.6

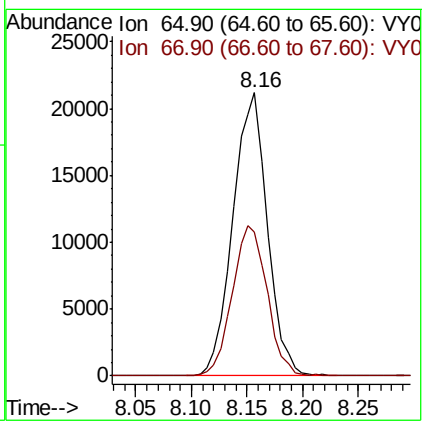


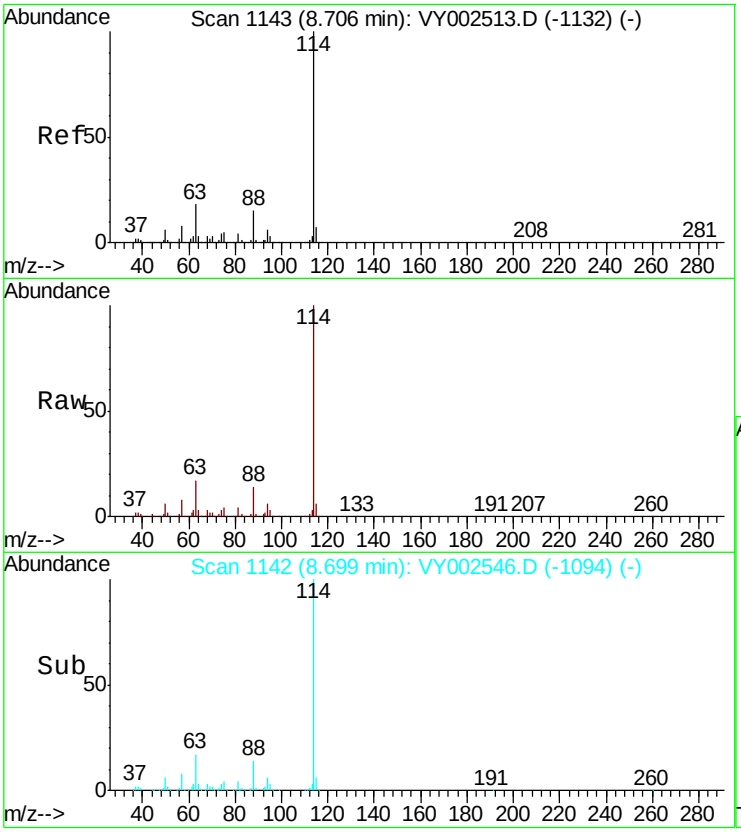


#33
1,2-Dichloroethane-d4
Concen: 52.496 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Tgt Ion: 65 Resp: 45368

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.2



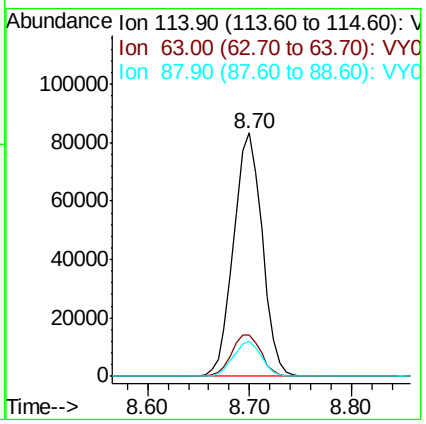


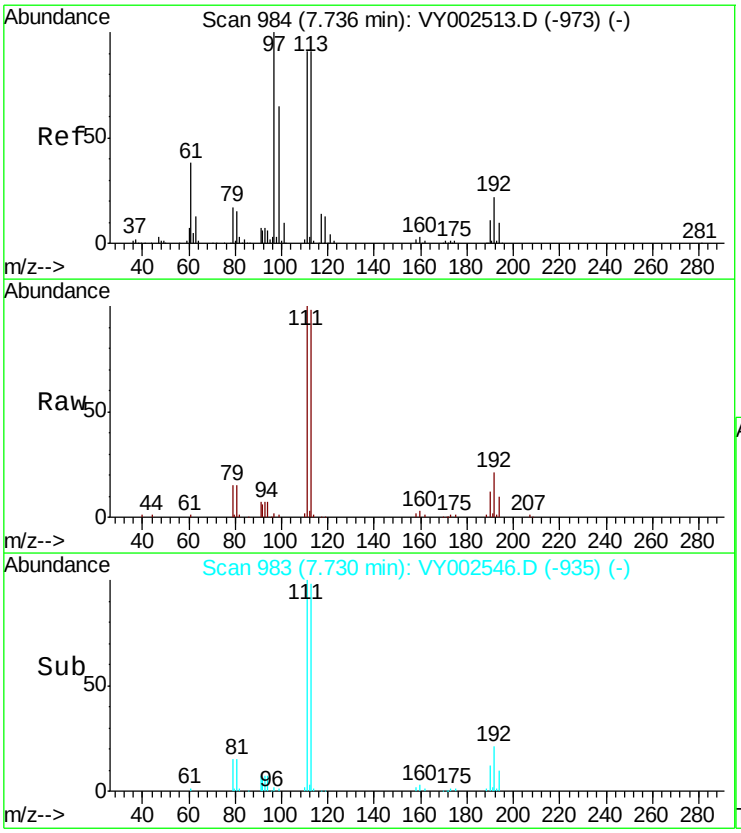
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Instrument : MSVOA_Y
ClientSampleId : 72-11976RE

Tgt Ion:114 Resp: 162065

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.4
88	14.4	0.0	29.6

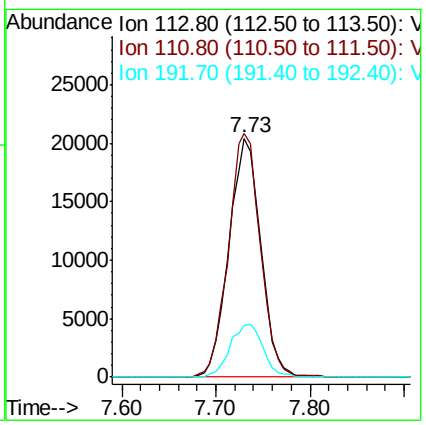


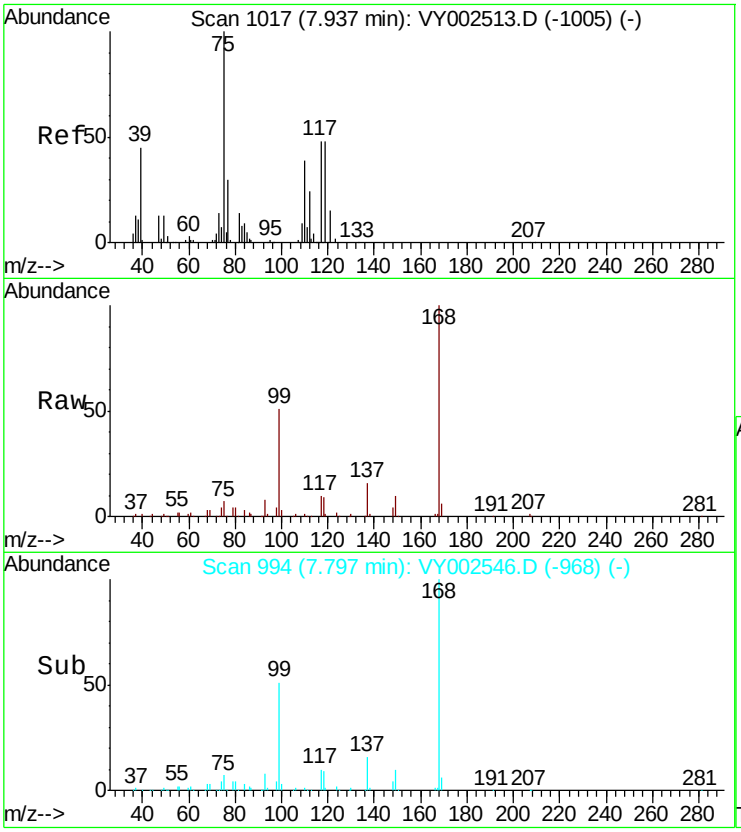


#35
Dibromofluoromethane
Concen: 51.971 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Tgt Ion:113 Resp: 48170

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.6
192	22.8	18.2	27.4



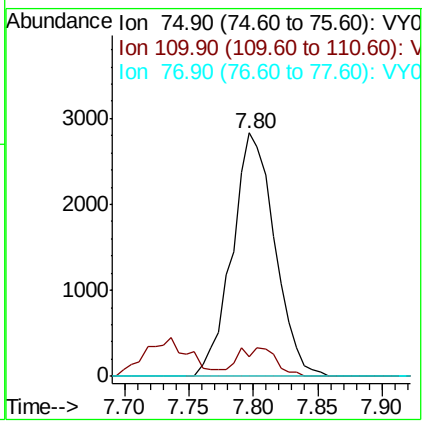


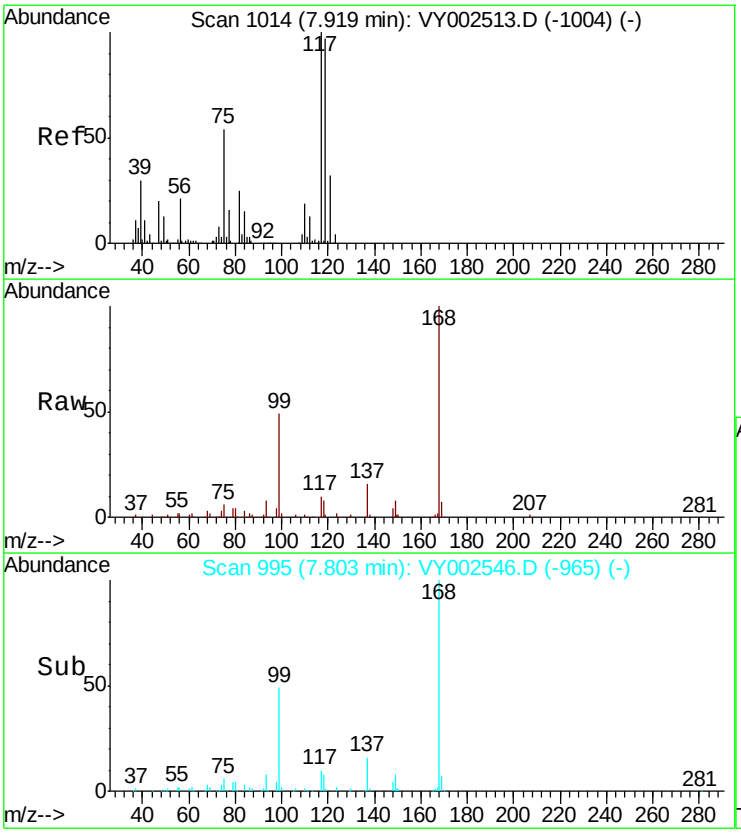
#36
1,1-Dichloropropene
Concen: 4.775 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.14 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
72-11976RE

Tgt Ion: 75 Resp: 6487

Ion	Ratio	Lower	Upper
75	100		
110	10.8	19.1	57.3#
77	0.0	24.6	37.0#

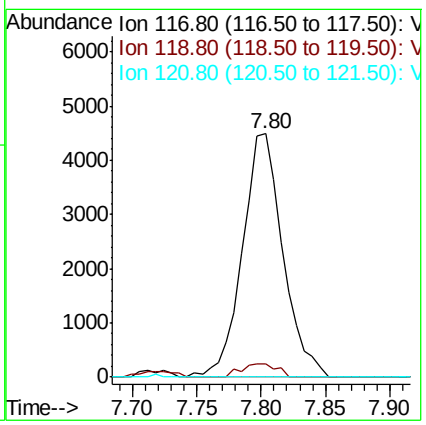


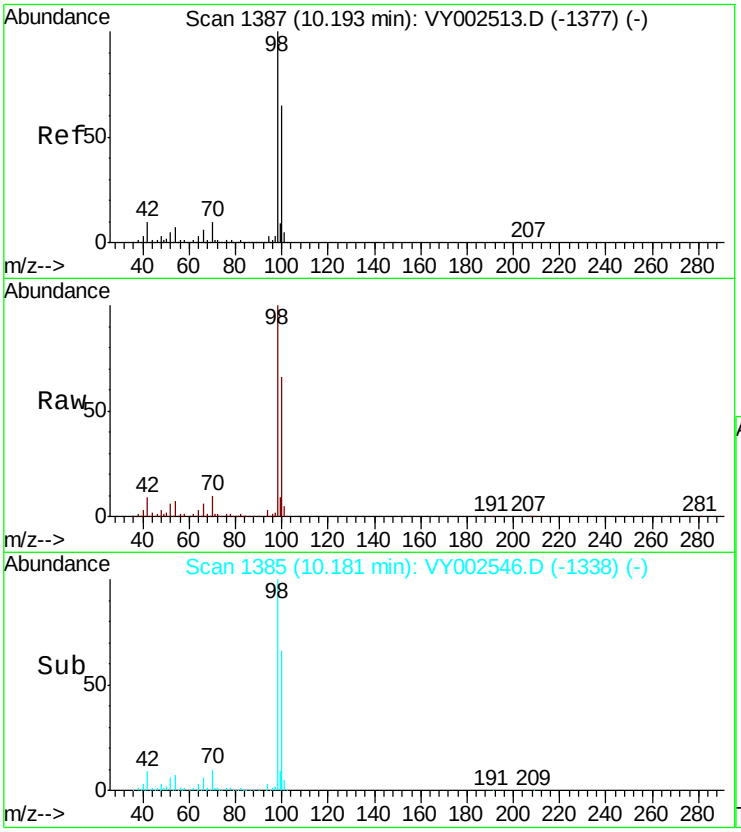


#38
Carbon Tetrachloride
Concen: 6.554 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Tgt Ion:117 Resp: 9722

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.1	115.7#
121	0.0	25.2	37.8#



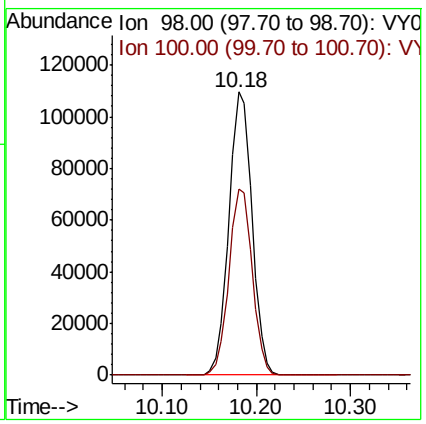


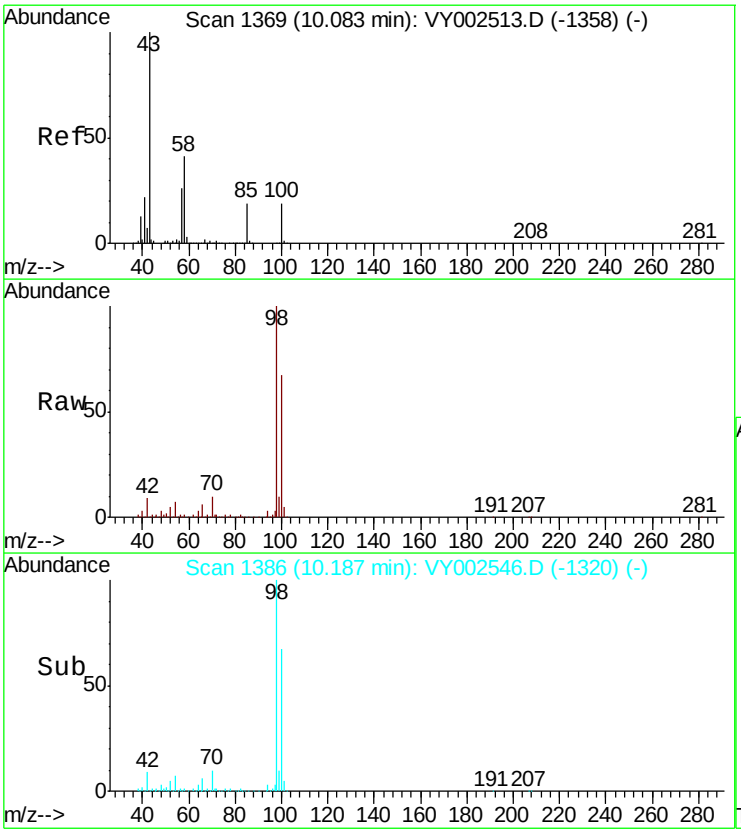
#50
Toluene-d8
Concen: 51.739 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
72-11976RE

Tgt Ion: 98 Resp: 187269

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2

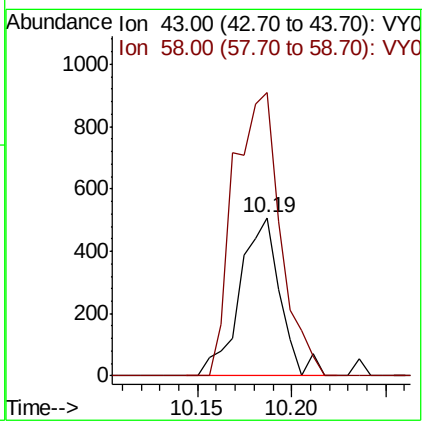


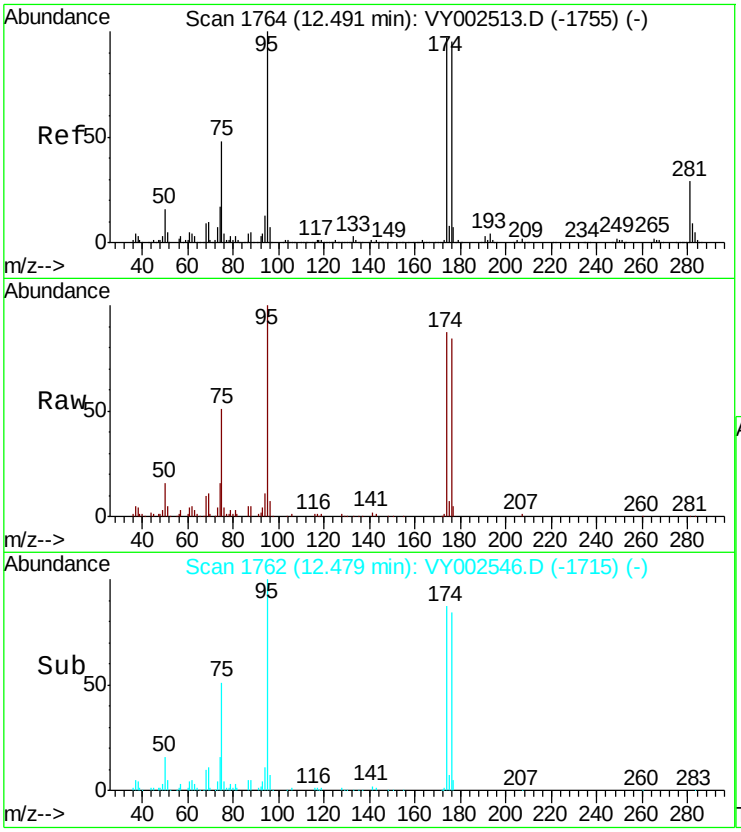


#51
4-Methyl-2-Pentanone
Concen: 1.119 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.10 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Tgt Ion: 43 Resp: 755

Ion	Ratio	Lower	Upper
43	100		
58	207.5	33.2	49.8#



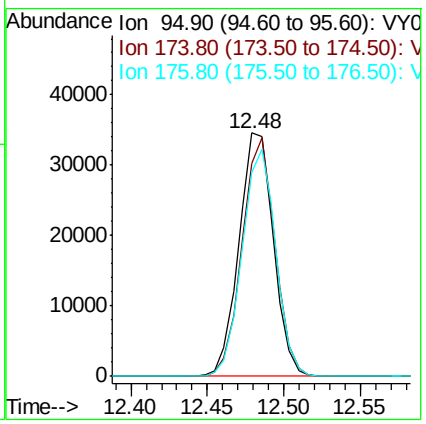


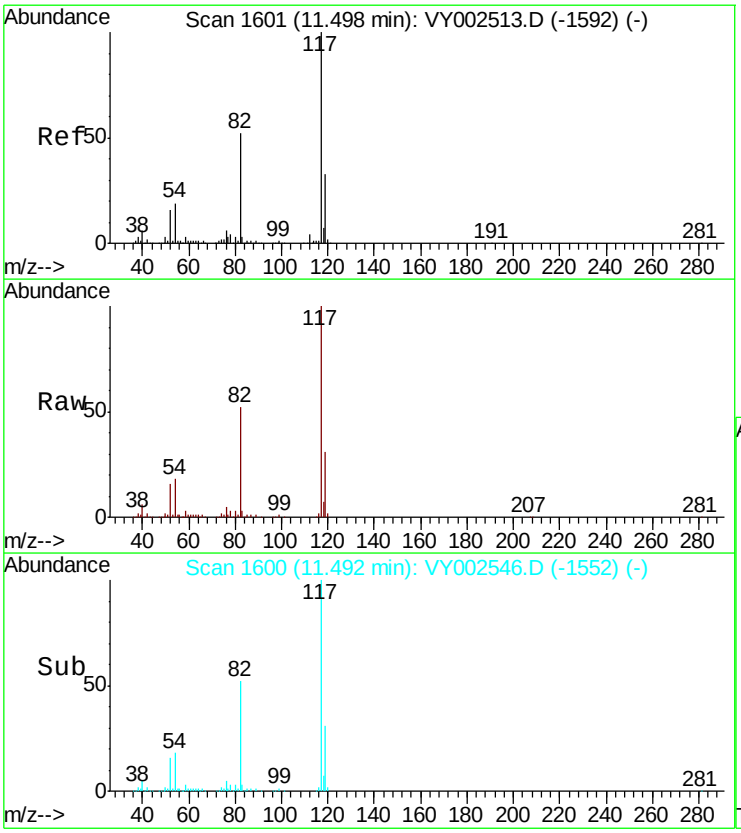
#62
4-Bromofluorobenzene
Concen: 44.266 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
72-11976RE

Tgt Ion: 95 Resp: 54367

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	188.8
176	90.6	0.0	183.2

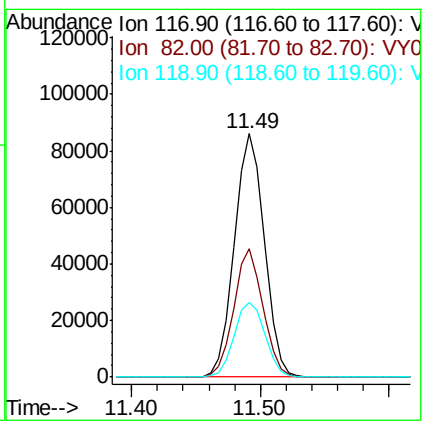


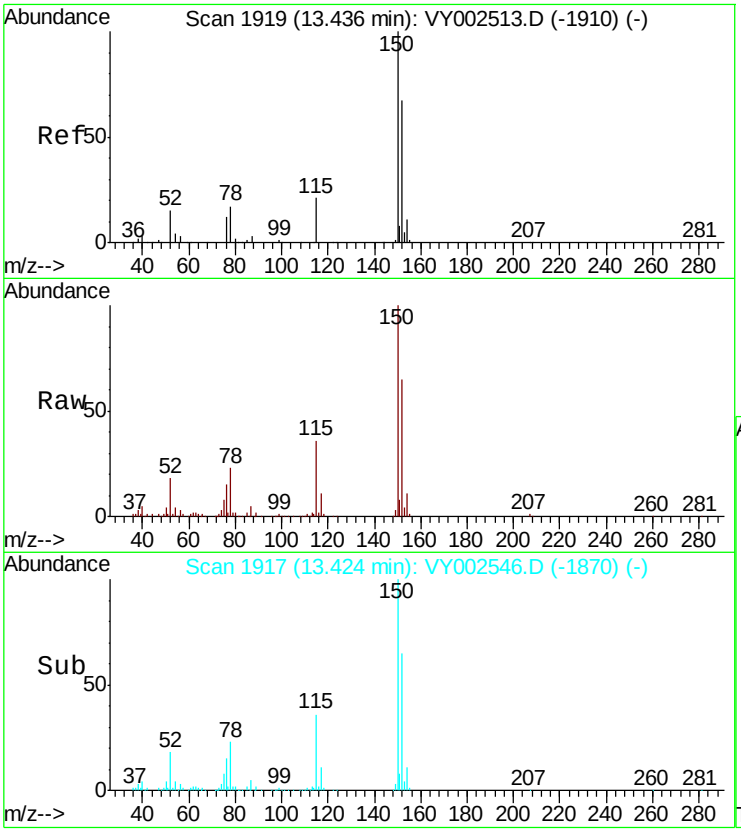


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Tgt Ion:117 Resp: 138582

Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.3	61.9
119	30.9	26.0	39.0



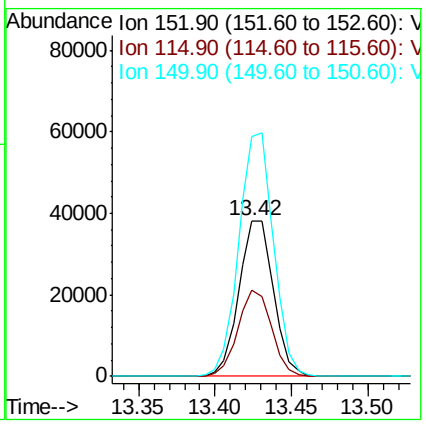


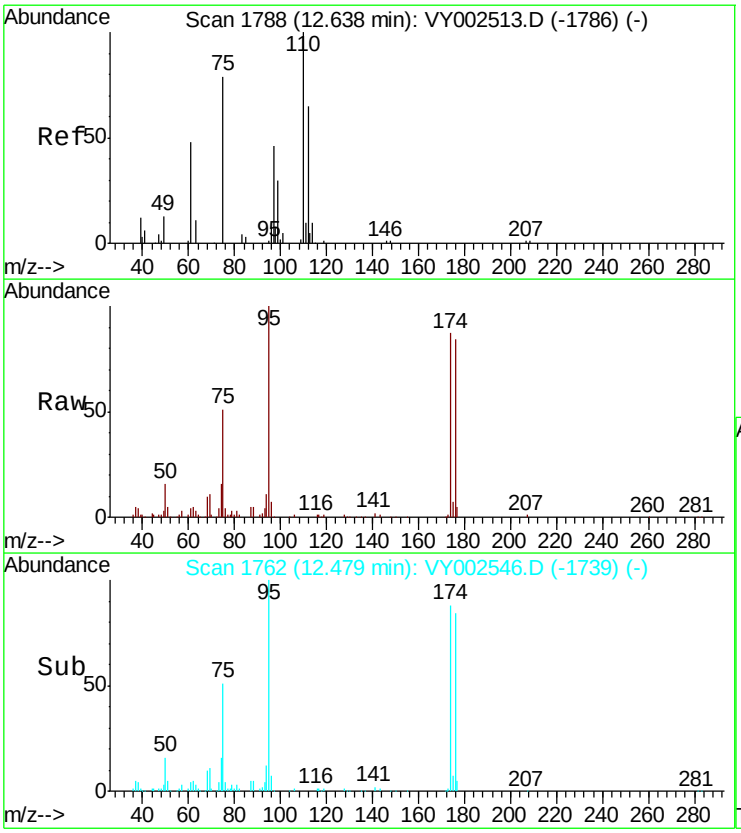
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Instrument : MSVOA_Y
ClientSampleId : 72-11976RE

Tgt Ion:152 Resp: 59946

Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.5	82.4
150	156.6	0.0	346.4

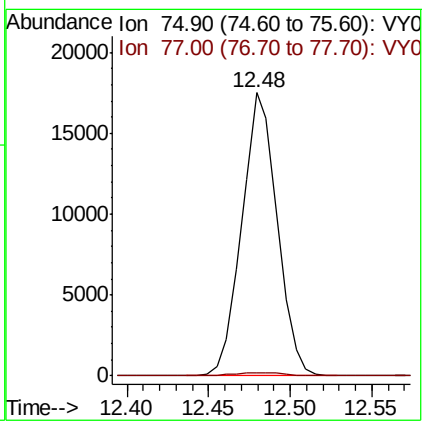


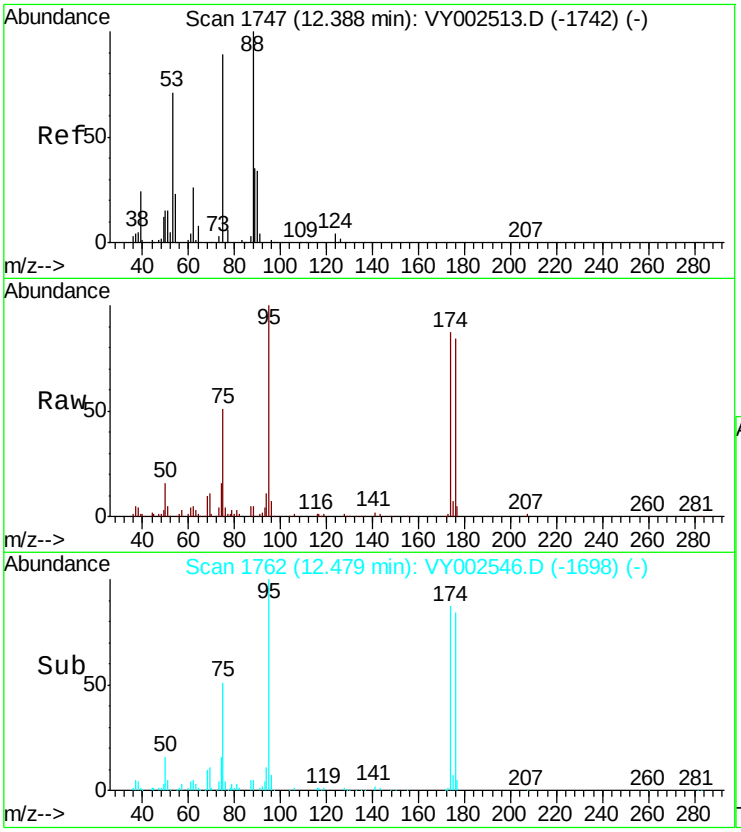


#76
1,2,3-Trichloropropane
Concen: 49.628 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Tgt Ion: 75 Resp: 26438

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.514 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.09 min
Lab File: VY002546.D
Acq: 04 May 2020 17:10

Instrument :
MSVOA_Y
ClientSampleId :
72-11976RE

Tgt Ion: 75 Resp: 26438

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.0#
89	0.1	37.4	56.0#