Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
Data File : VY002794.D
Acq On : 29 May 2020 10:48
Operator : SY/MD
Sample : VY0529SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: May 30 03:54:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	267127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	432311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	130620	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.64%			
35) Dibromofluoromethane	7.72	113	132252	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.40%			
50) Toluene-d8	10.18	98	501394	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.90%			
62) 4-Bromofluorobenzene	12.48	95	170948	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.66%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.94	59	1218	Below Cal	#	74
16) Acetone	3.96	43	1618	2.975	ug/l #	81
18) Methyl Acetate	4.49	43	400	Below Cal	#	74
20) Methylene Chloride	4.72	84	9319	3.506	ug/l	94
25) 2-Butanone	6.99	43	3231	3.813	ug/l #	84
26) 2,2-Dichloropropane	6.99	77	4721	1.242	ug/l #	51
31) Cyclohexane	7.79	56	4227	1.075	ug/l #	4
36) 1,1-Dichloropropene	7.80	75	16664	4.576	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24253	5.995	ug/l #	18
43) Isopropyl Acetate	8.12	43	3843	1.024	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.32	131	4139	1.360	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	83527	45.887	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83527	86.451	ug/l #	17

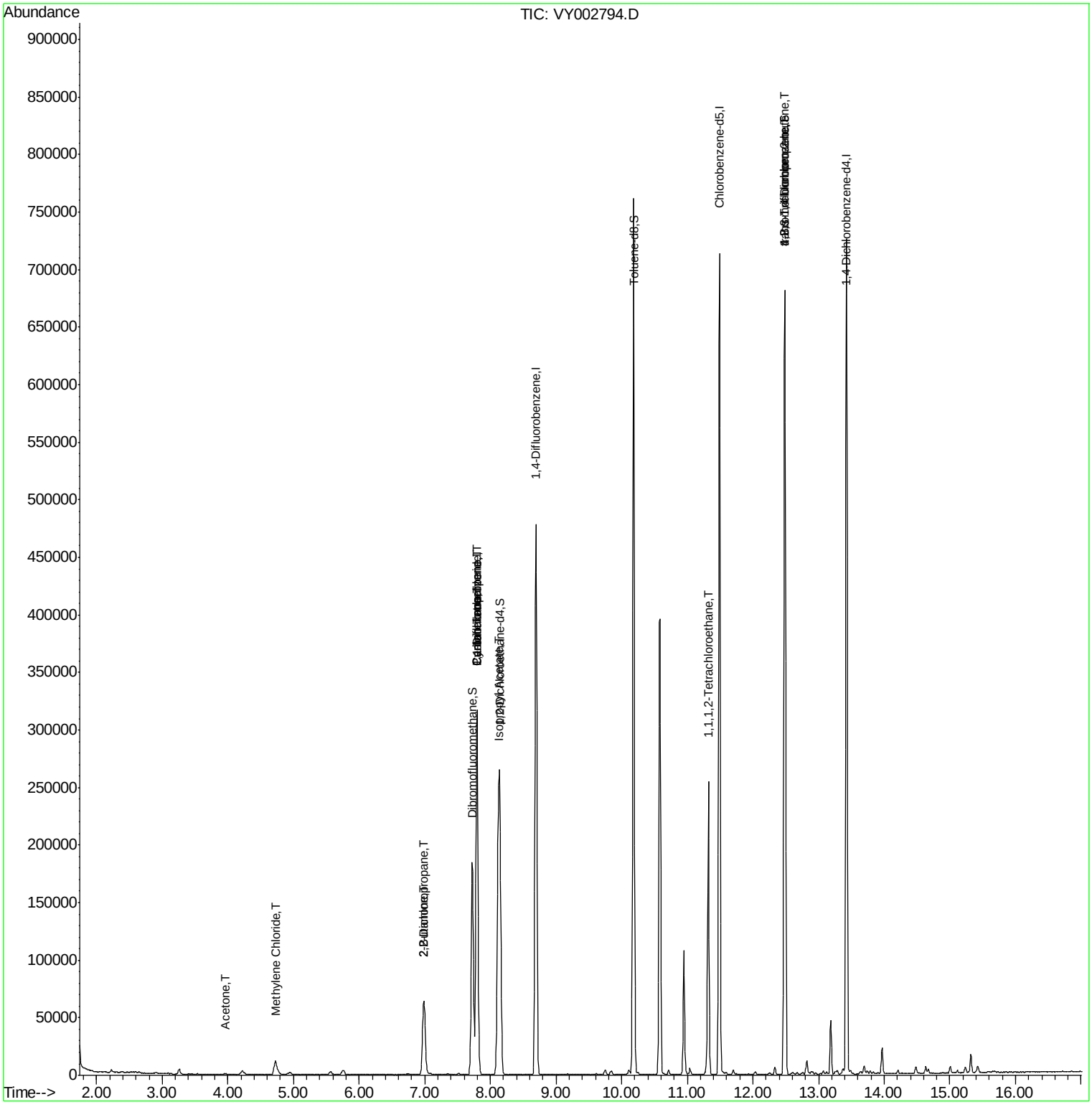
(#) = qualifier out of range (m) = manual integration (+) = signals summed

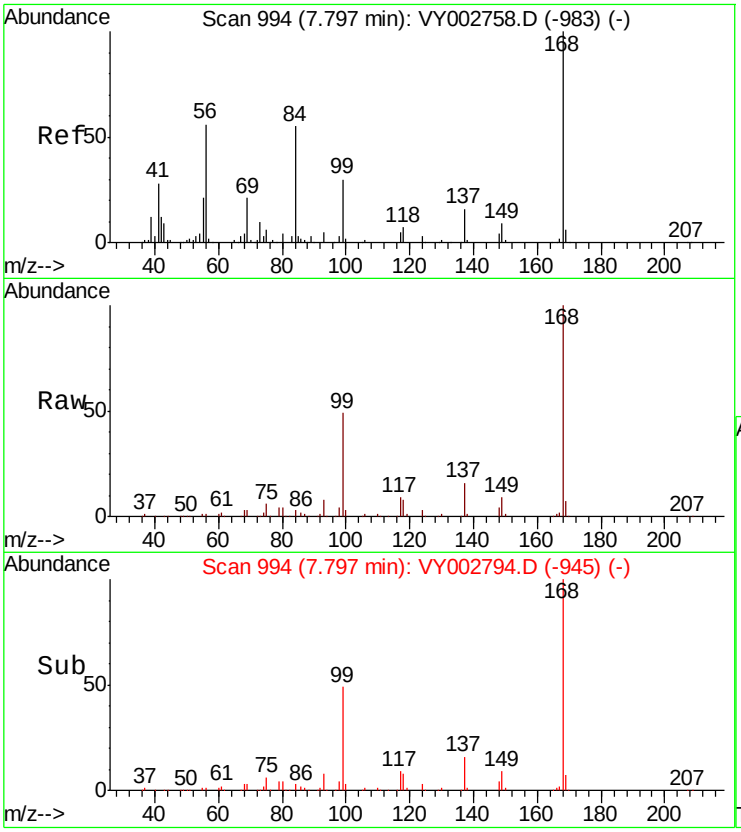
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
Data File : VY002794.D
Acq On : 29 May 2020 10:48
Operator : SY/MD
Sample : VY0529SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 30 03:54:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration



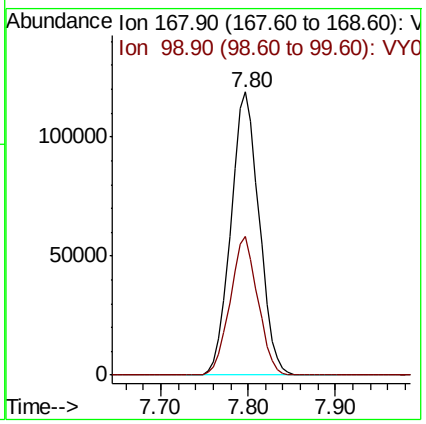


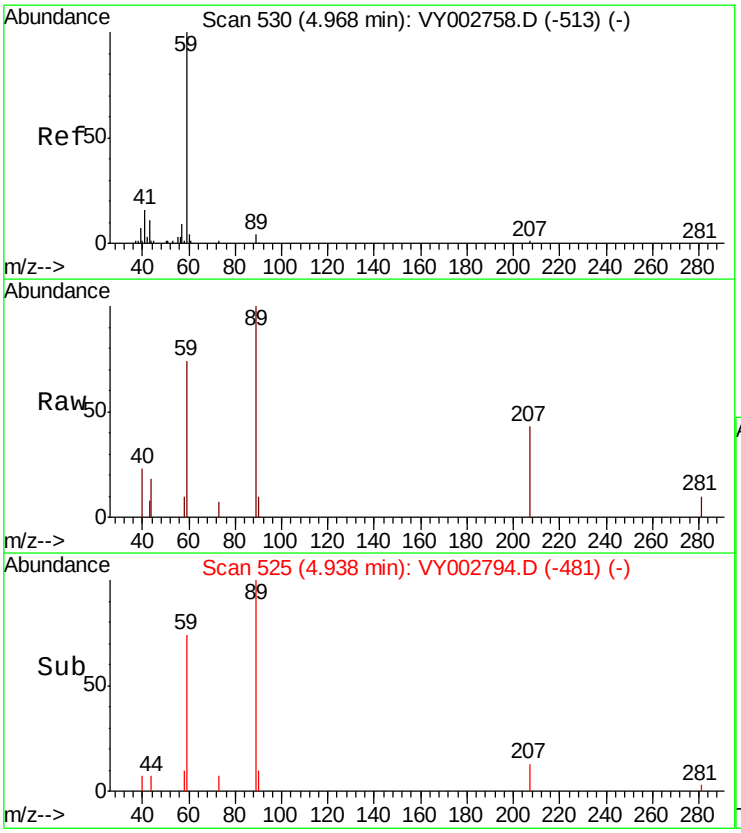
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 267127

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.0	58.4

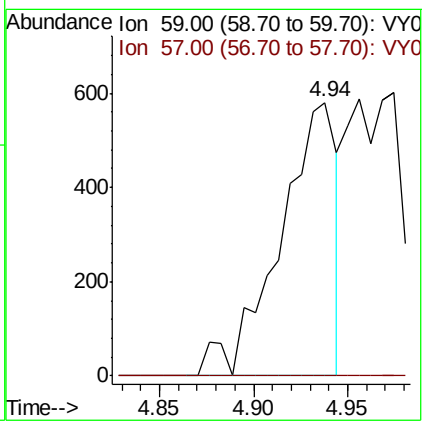


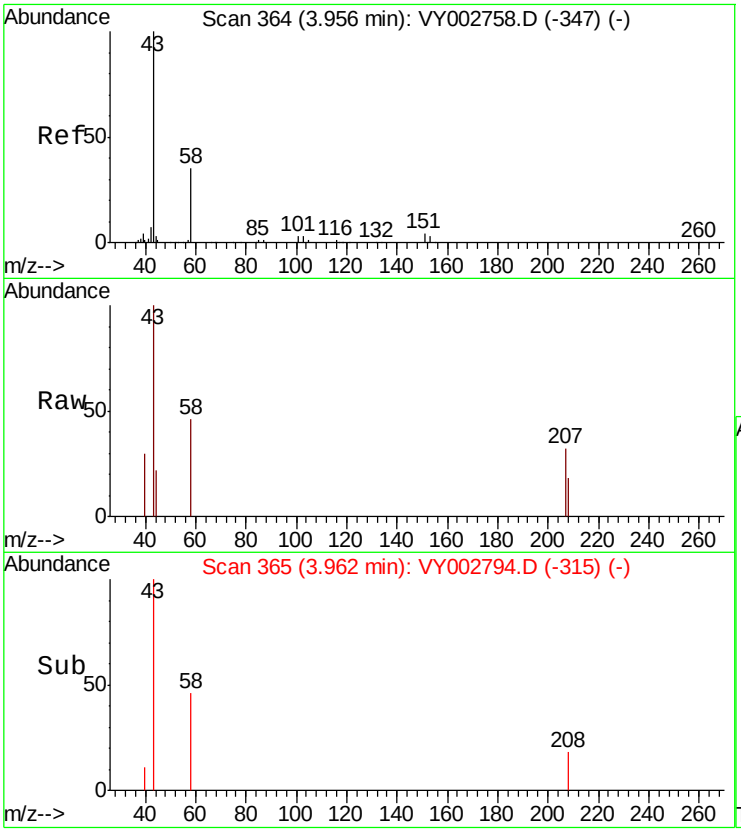


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.94 min Scan# 525
Delta R.T. -0.03 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Tgt Ion: 59 Resp: 1218

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



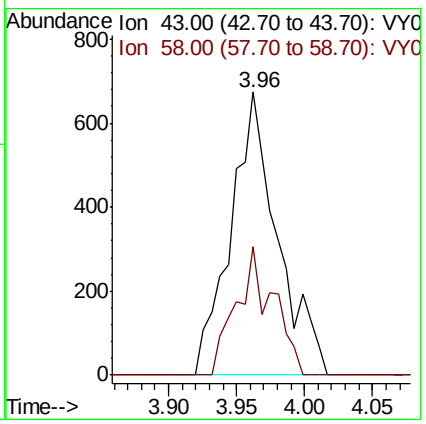


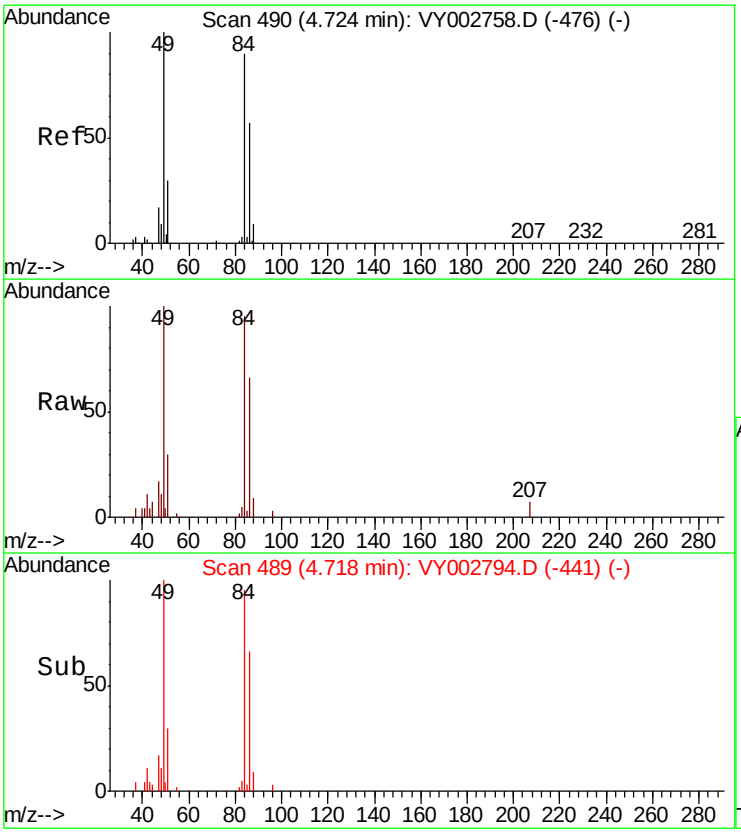
#16
Acetone
Concen: 2.975 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1618

Ion	Ratio	Lower	Upper
43	100		
58	45.5	27.7	41.5#

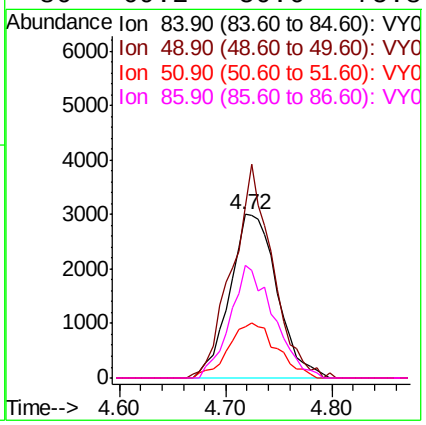


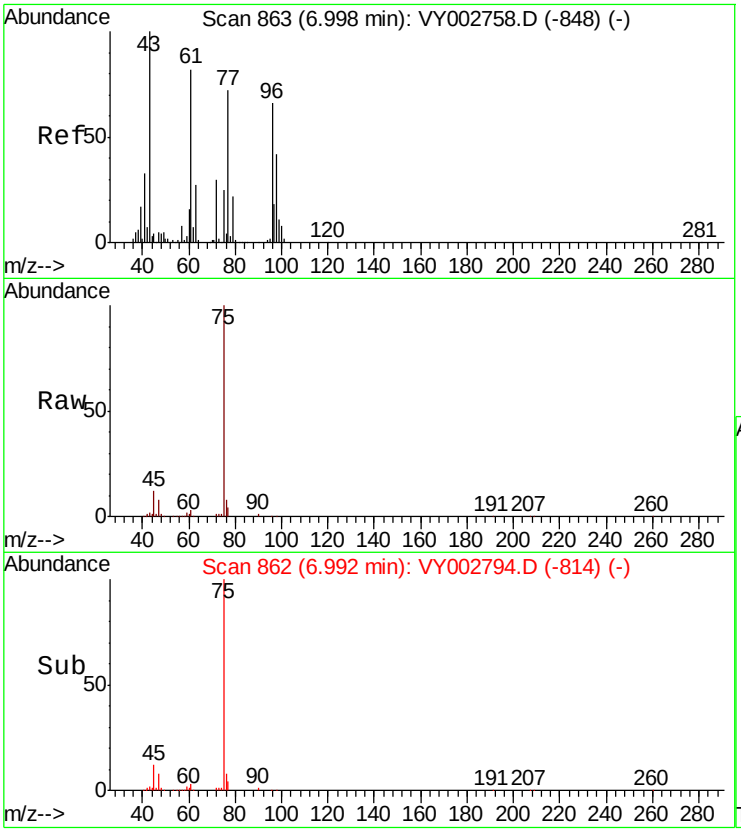


#20
Methylene Chloride
Concen: 3.506 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Tgt Ion: 84 Resp: 9319

Ion	Ratio	Lower	Upper
84	100		
49	105.0	88.5	132.7
51	31.5	26.8	40.2
86	69.2	50.6	75.8



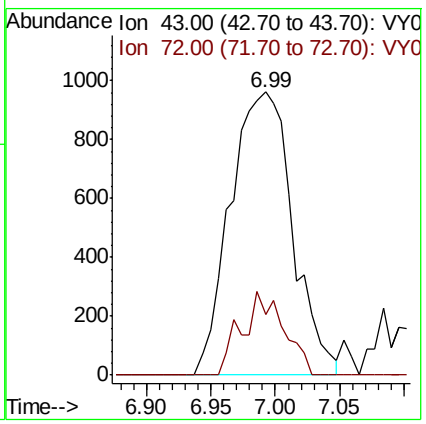


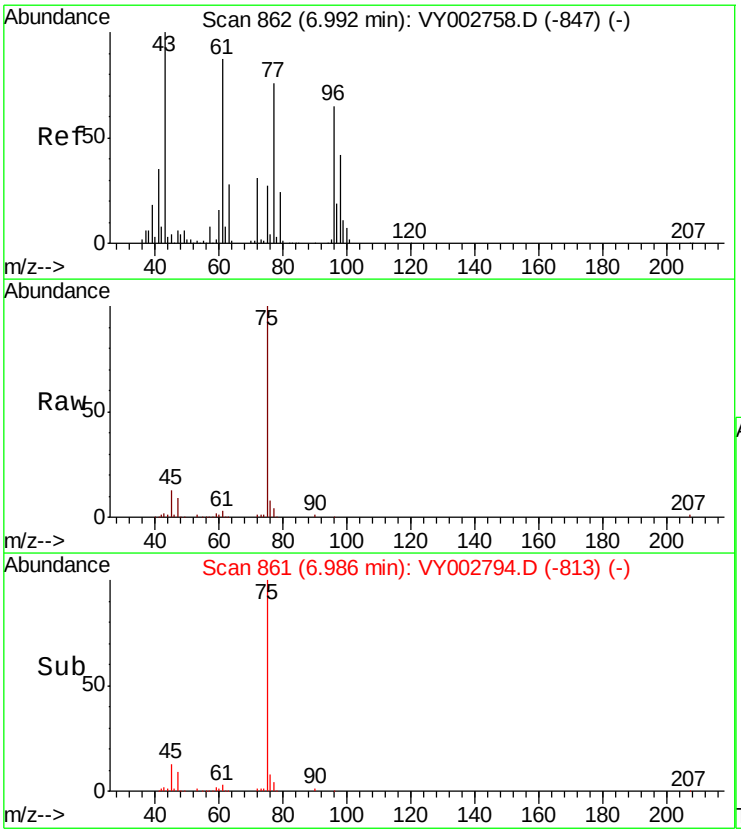
#25
2-Butanone
Concen: 3.813 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3231

Ion	Ratio	Lower	Upper
43	100		
72	21.3	23.9	35.9#

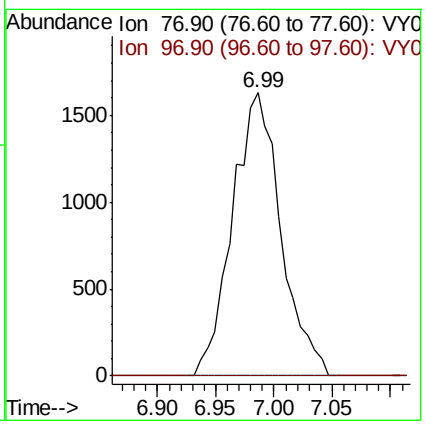


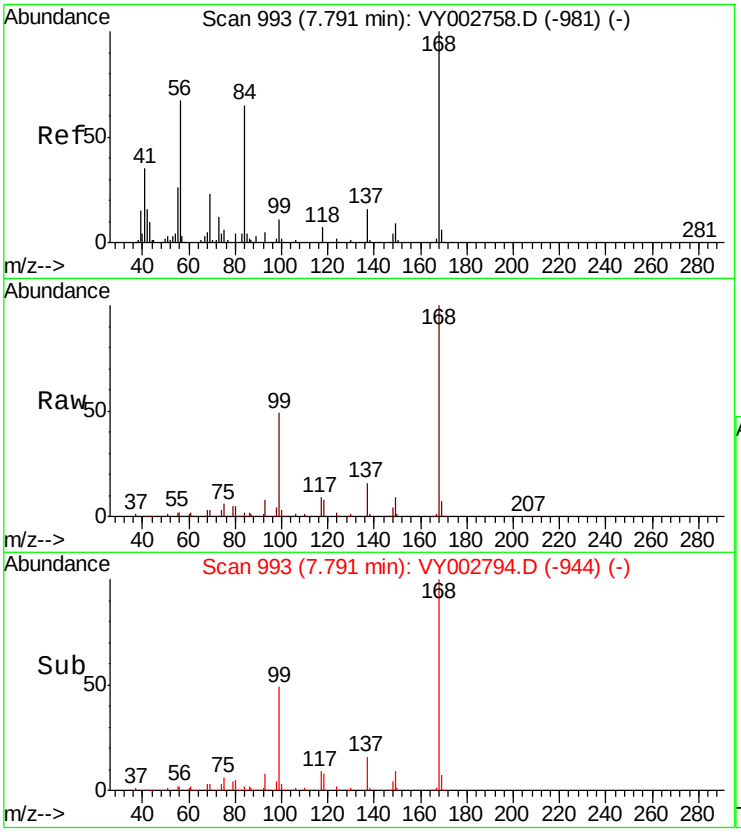


#26
2,2-Dichloropropane
Concen: 1.242 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Tgt Ion: 77 Resp: 4721

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.2	36.6#



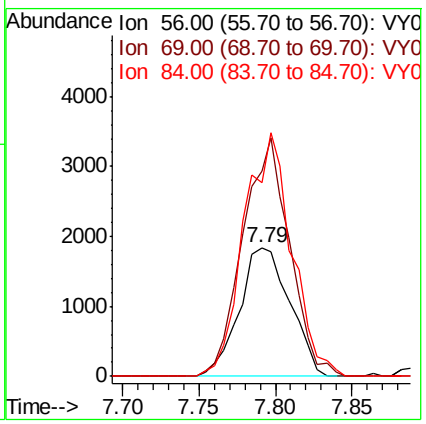


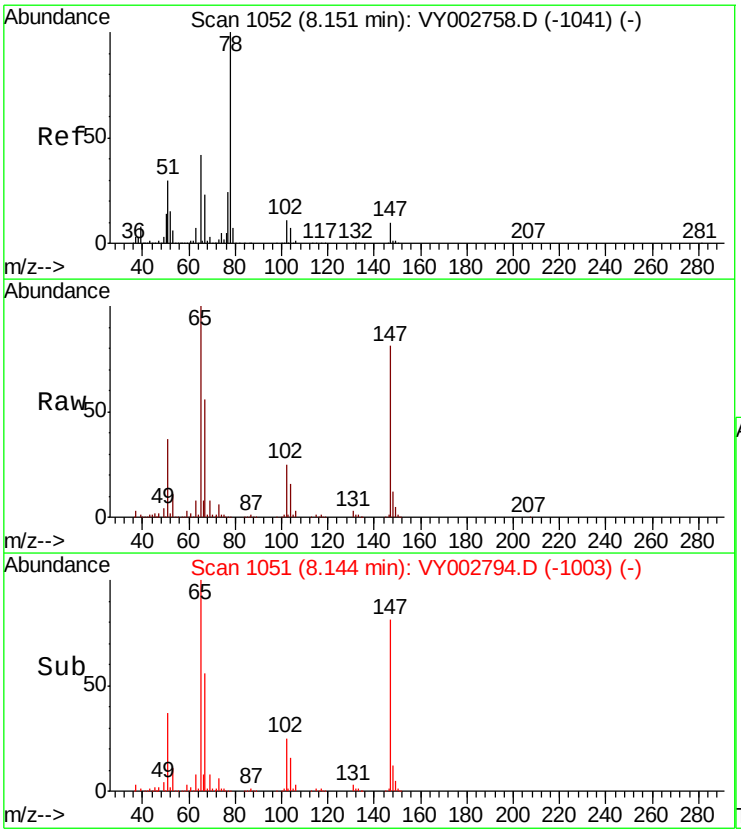
#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4227

Ion	Ratio	Lower	Upper
56	100		
69	158.7	28.0	42.0#
84	150.5	77.7	116.5#

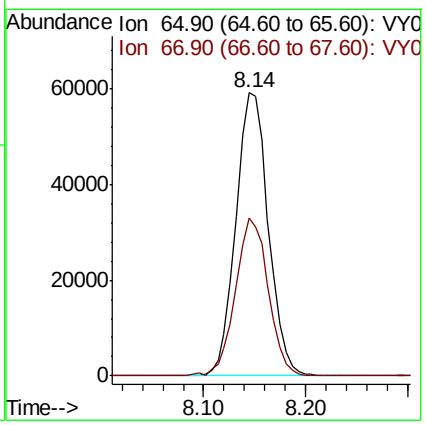


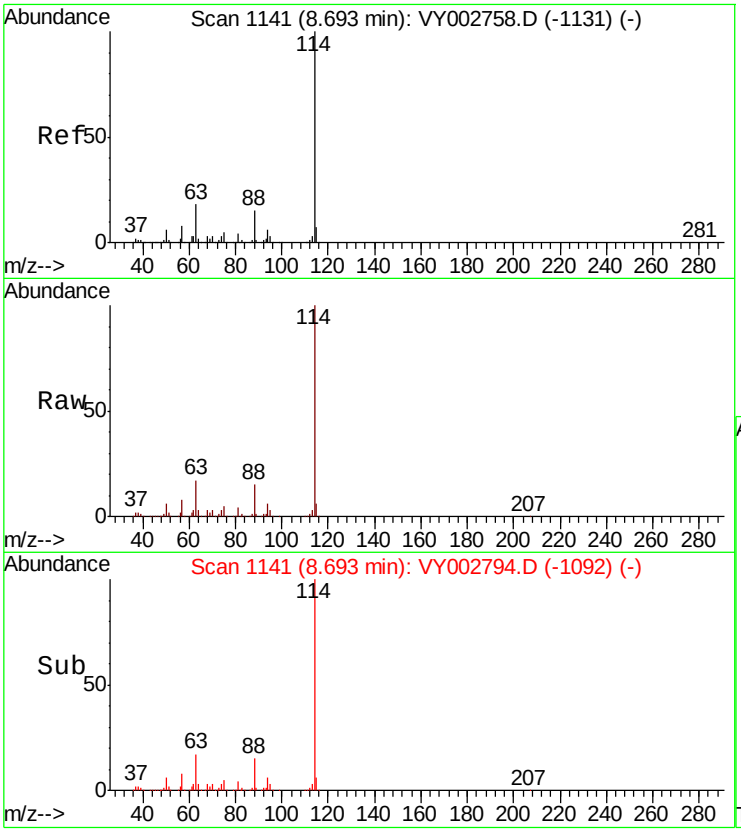


#33
1,2-Dichloroethane-d4
Concen: 56.316 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Tgt Ion: 65 Resp: 130620

Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	111.0



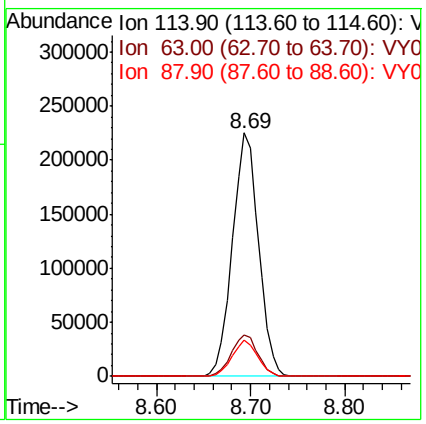


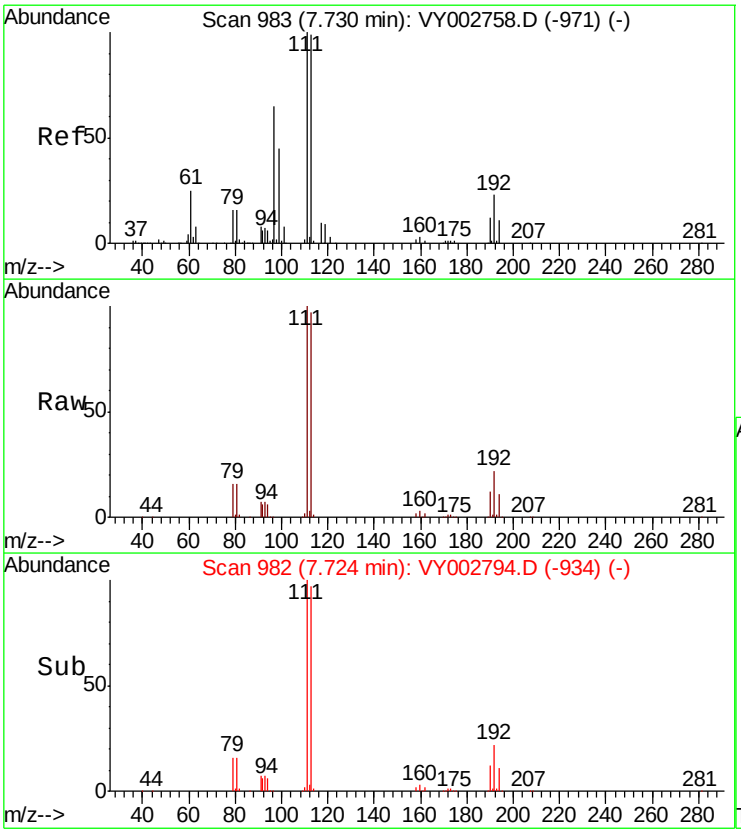
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 432311

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.2
88	14.6	0.0	29.2

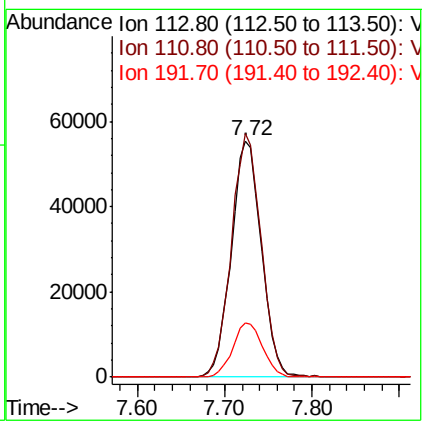


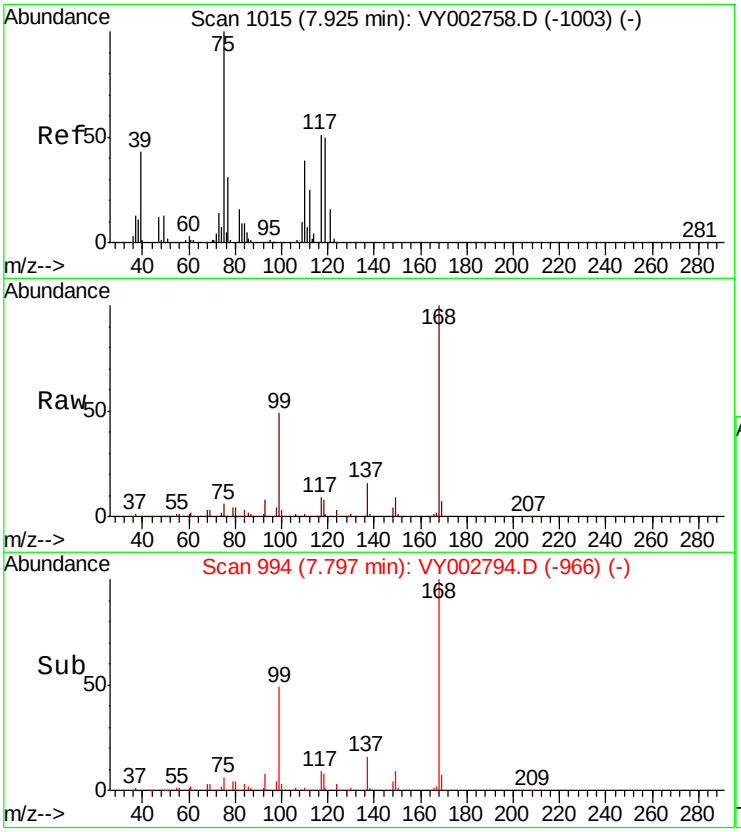


#35
Dibromofluoromethane
Concen: 52.200 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Tgt Ion:113 Resp: 132252

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.0	18.9	28.3



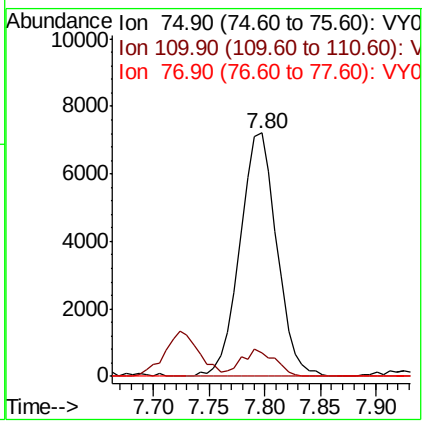


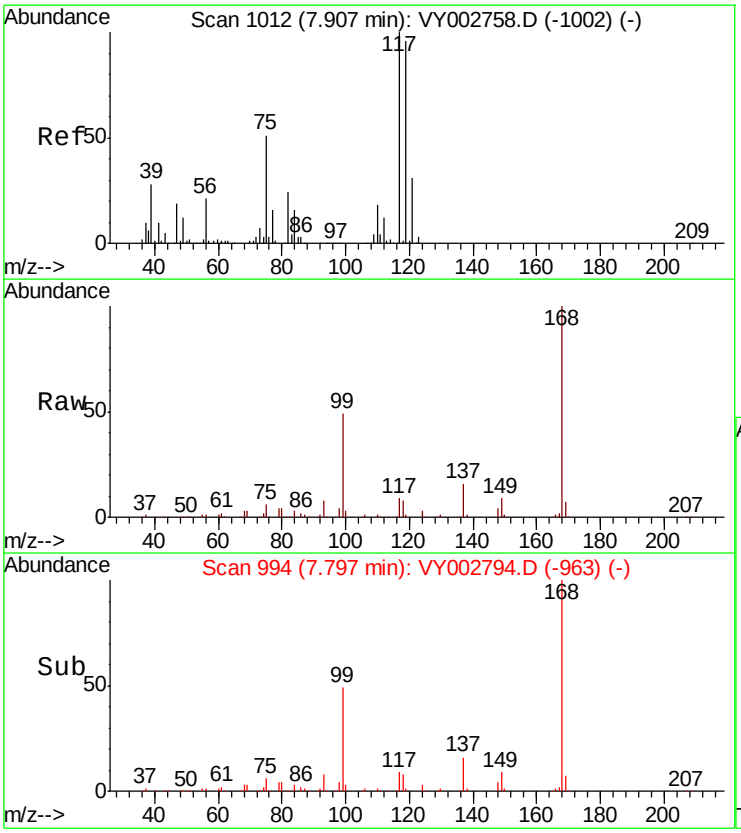
#36
1,1-Dichloropropene
Concen: 4.576 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 16664

Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.3	57.9#
77	0.0	24.8	37.2#

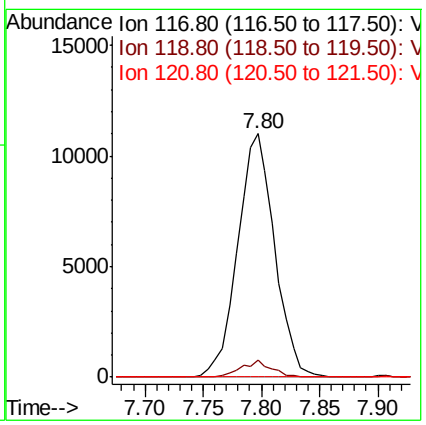


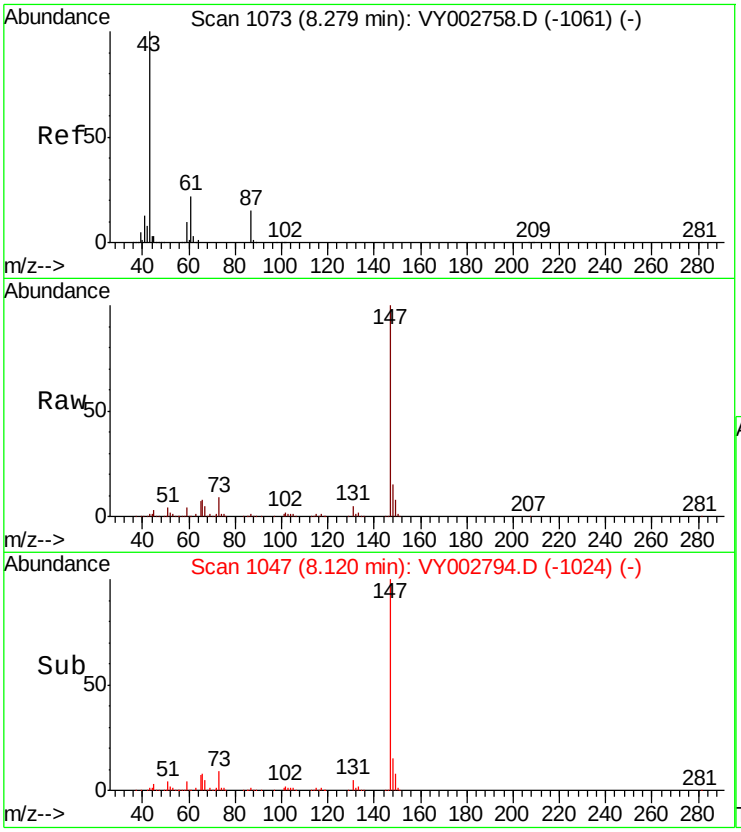


#38
Carbon Tetrachloride
Concen: 5.995 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Tgt Ion:117 Resp: 24253

Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.8	115.2#
121	0.0	24.8	37.2#



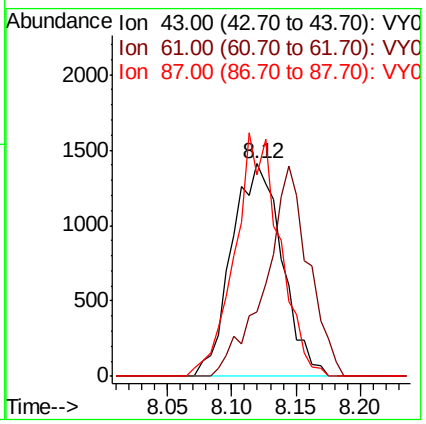


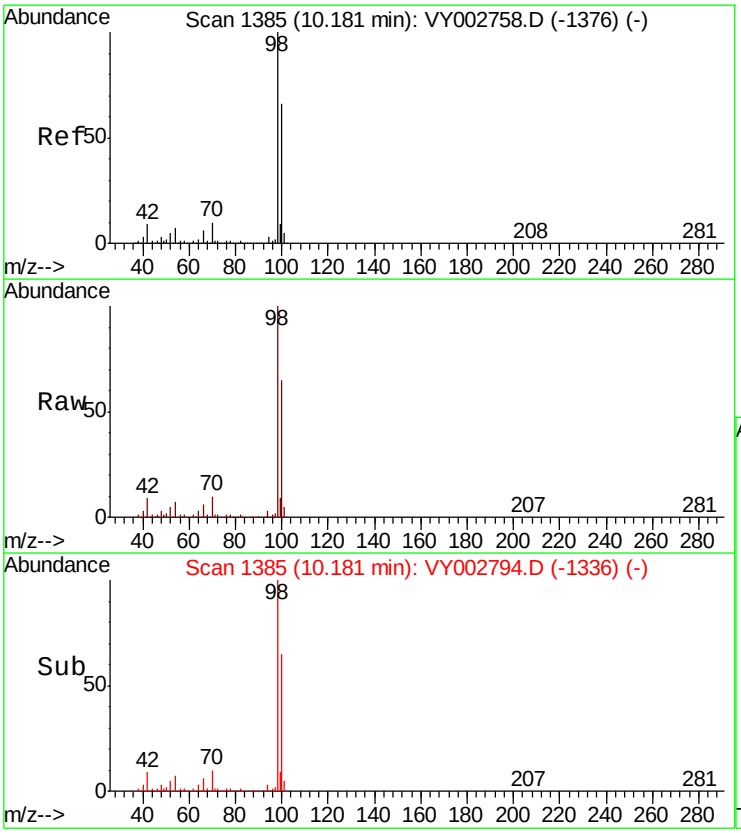
#43
Isopropyl Acetate
Concen: 1.024 ug/l
RT: 8.12 min Scan# 1047
Delta R.T. -0.16 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3843

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.8	37.2#
87	100.9	12.4	18.6#

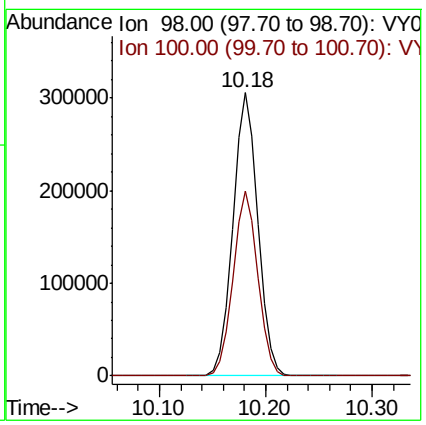


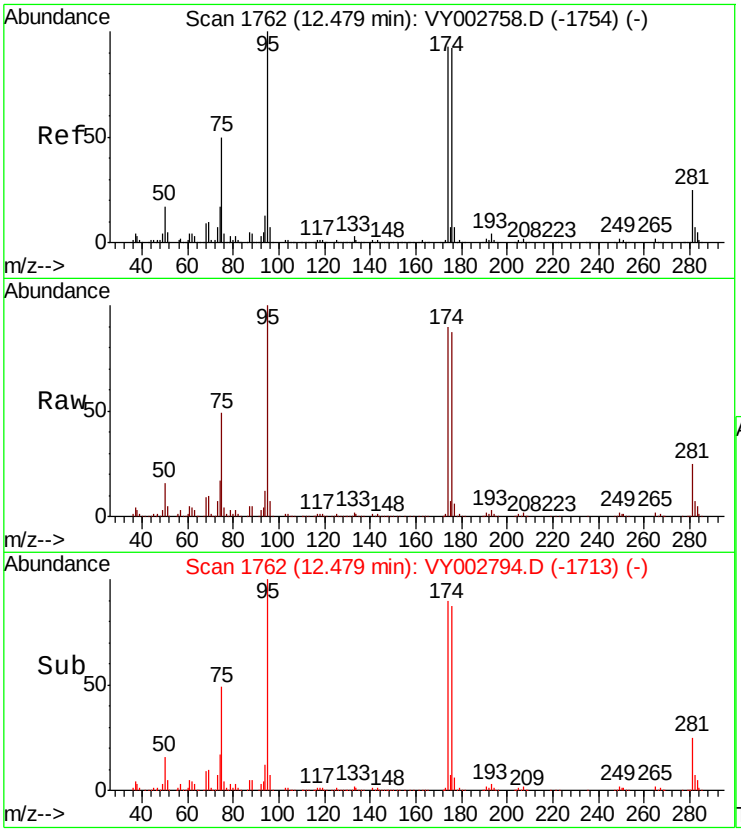


#50
Toluene-d8
Concen: 48.946 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Tgt Ion: 98 Resp: 501394

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2



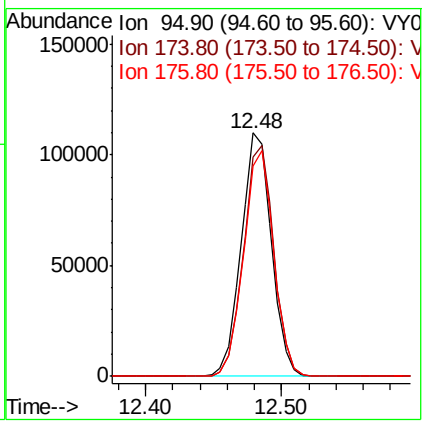


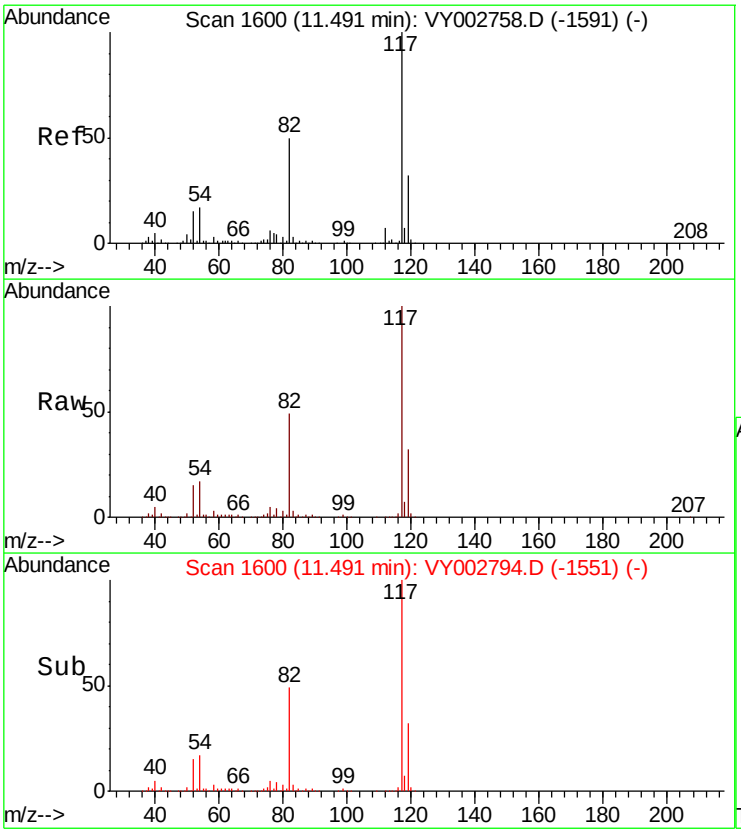
#62
4-Bromofluorobenzene
Concen: 48.830 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 170948

Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	191.2
176	92.5	0.0	188.8

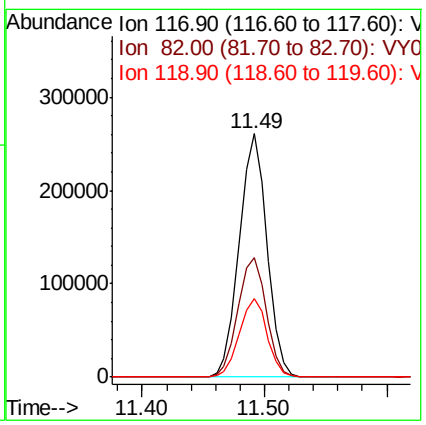


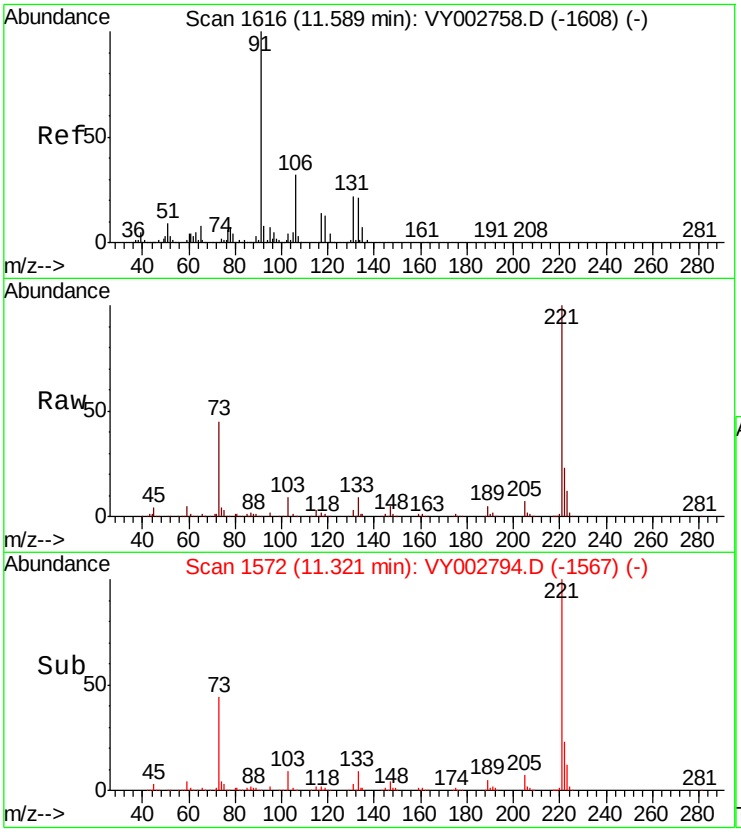


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Tgt Ion:117 Resp: 408833

Ion	Ratio	Lower	Upper
117	100		
82	49.1	40.2	60.4
119	32.0	25.8	38.8



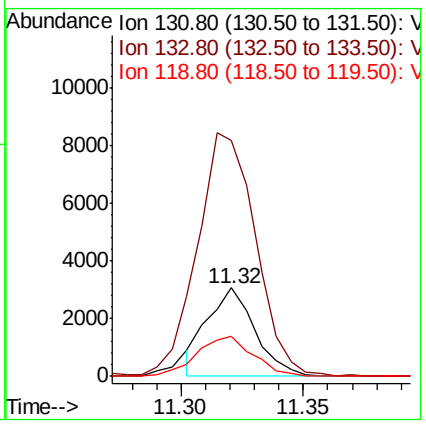


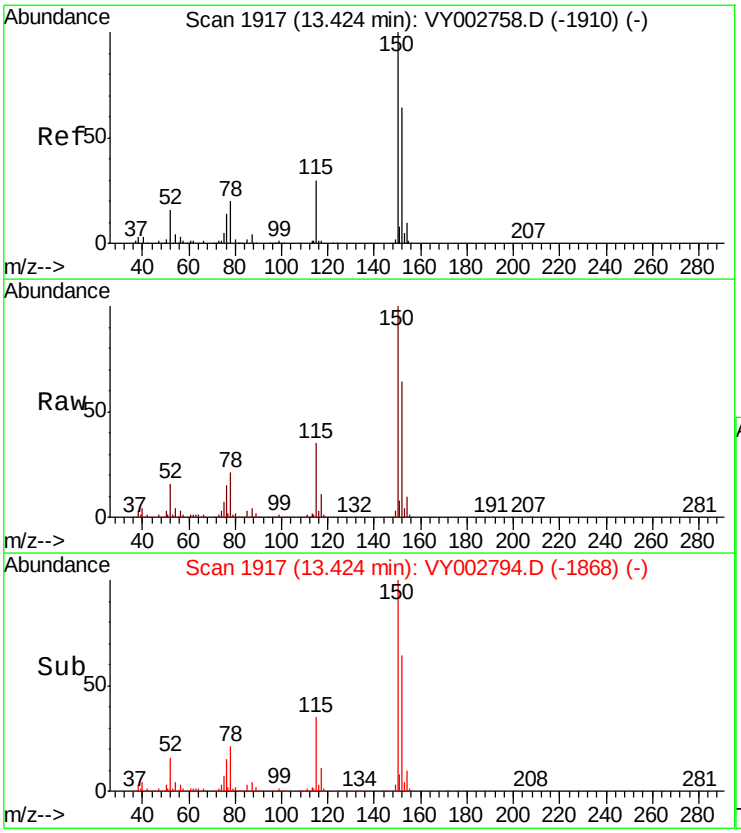
#66
1,1,1,2-Tetrachloroethane
Concen: 1.360 ug/l
RT: 11.32 min Scan# 1572
Delta R.T. -0.27 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:131 Resp: 4139

Ion	Ratio	Lower	Upper
131	100		
133	303.1	47.6	142.8#
119	0.0	31.7	95.1#

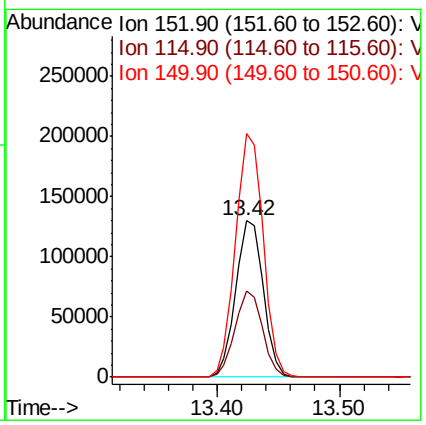


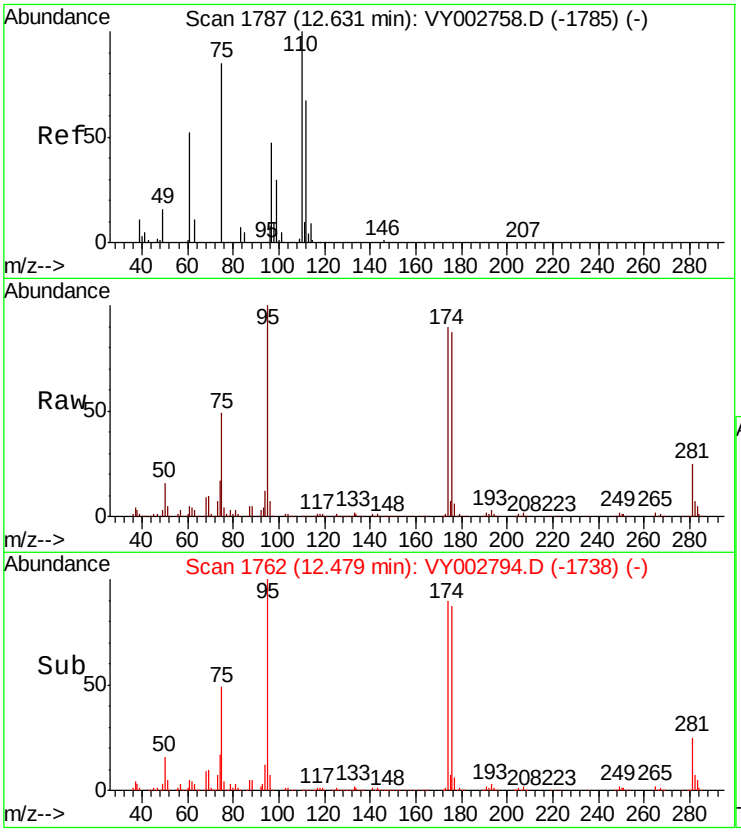


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Tgt Ion:152 Resp: 202014

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.0	81.0
150	157.0	0.0	344.8



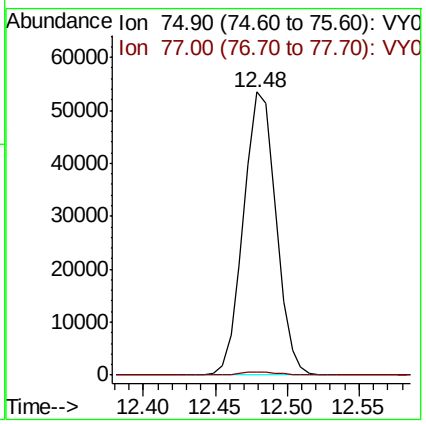


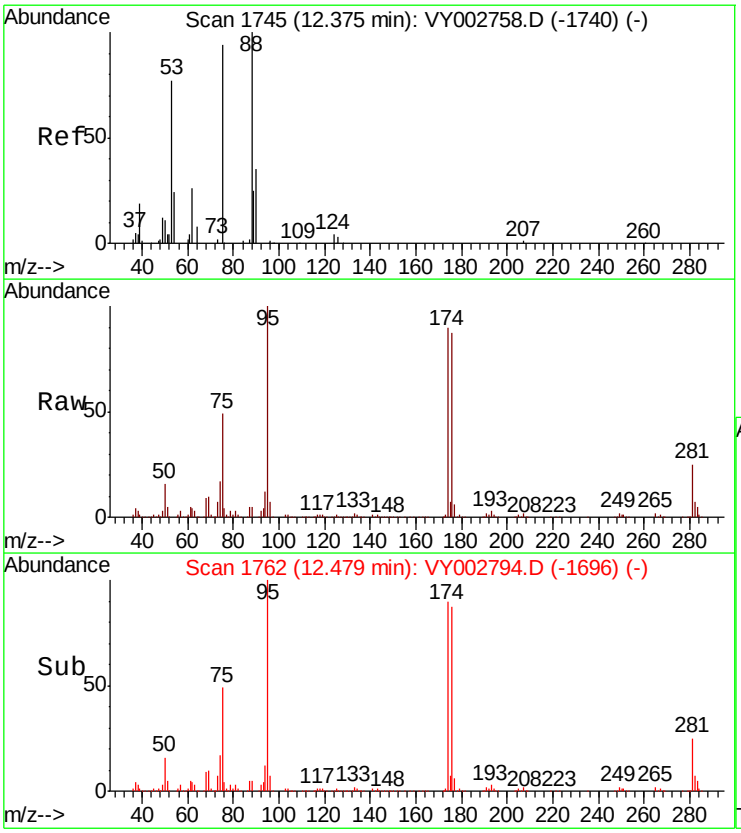
#76
1,2,3-Trichloropropane
Concen: 45.887 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 83527

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.451 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY002794.D
Acq: 29 May 2020 10:48

Tgt Ion: 75 Resp: 83527

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.0	96.0#
89	0.6	37.4	56.2#