Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
Data File : VY001243.D
Acq On : 16 Jan 2020 01:34
Operator : SY/MD
Sample : L1136-05
Misc : 9.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : WP022SB457_200113_28-30

Quant Time: Jan 16 07:13:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	168814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	307574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	283528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	135219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	101730	57.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.12%			
35) Dibromofluoromethane	7.73	113	92158	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.34%			
50) Toluene-d8	10.18	98	360221	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.82%			
62) 4-Bromofluorobenzene	12.48	95	135995	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.88%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.26	62	1600766	850.265	ug/l	100
12) 1,1-Dichloroethene	3.88	96	9504	5.507	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	51300	26.216	ug/l	97
24) 1,1-Dichloroethane	6.04	63	46106	14.157	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	953781	444.820	ug/l	89
44) Trichloroethene	8.95	130	8742	4.100	ug/l	85

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

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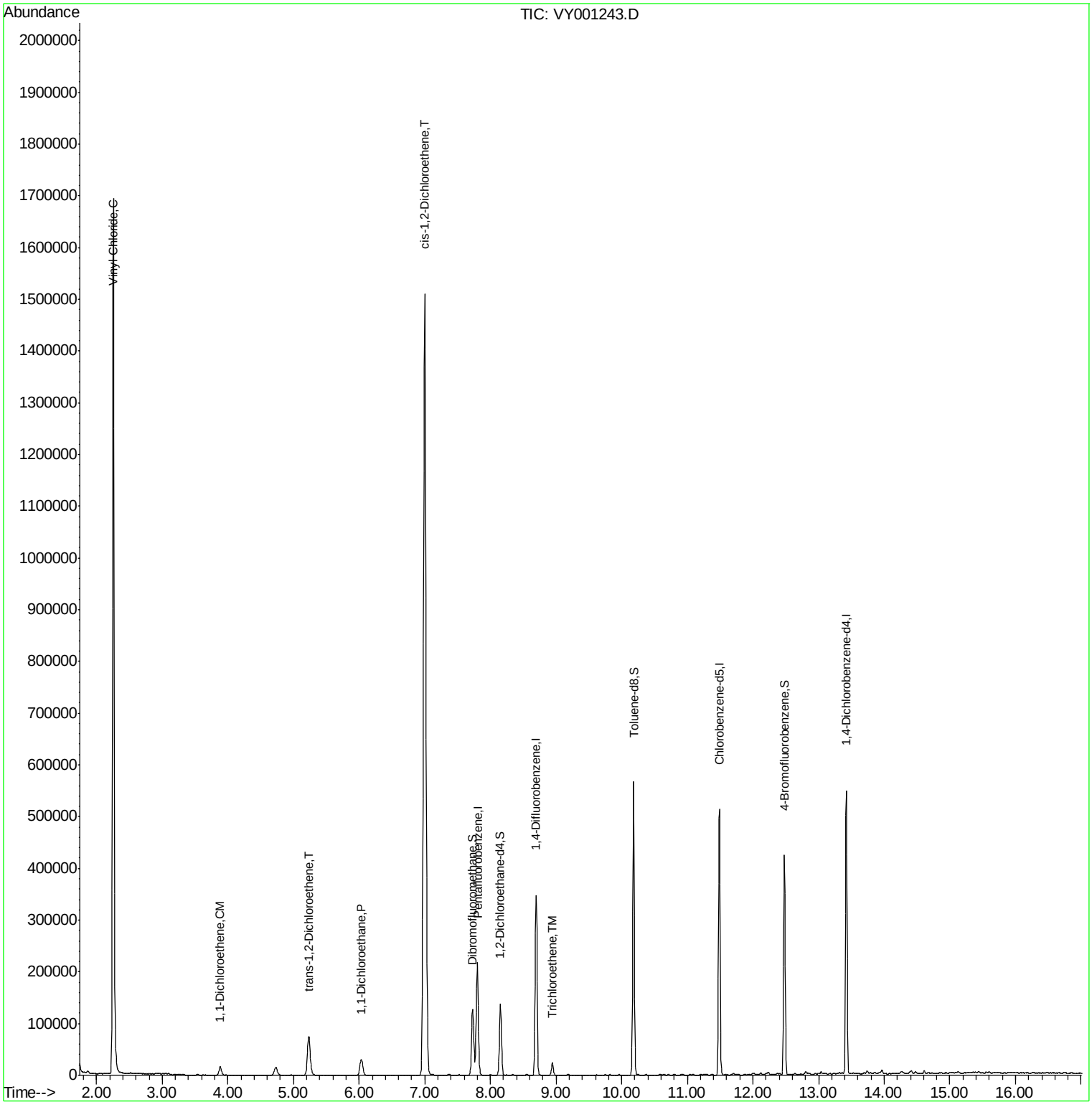
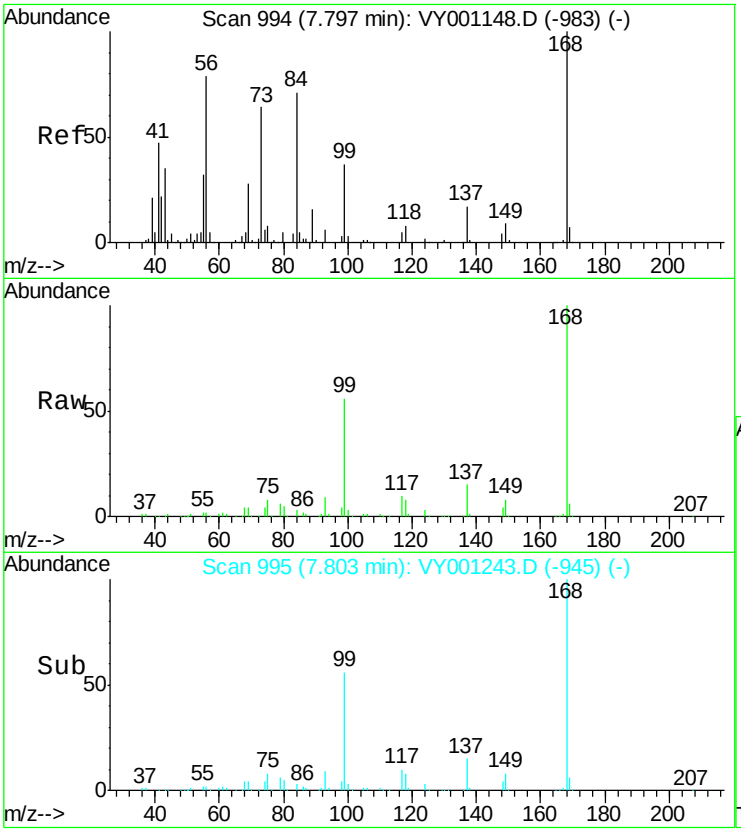


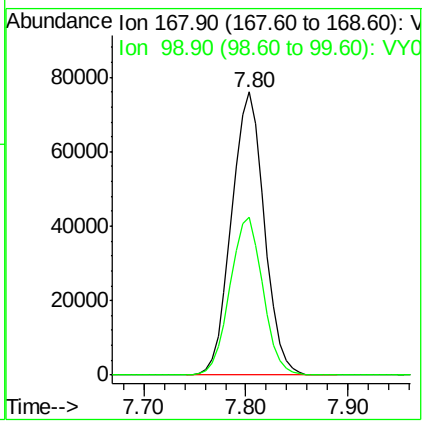


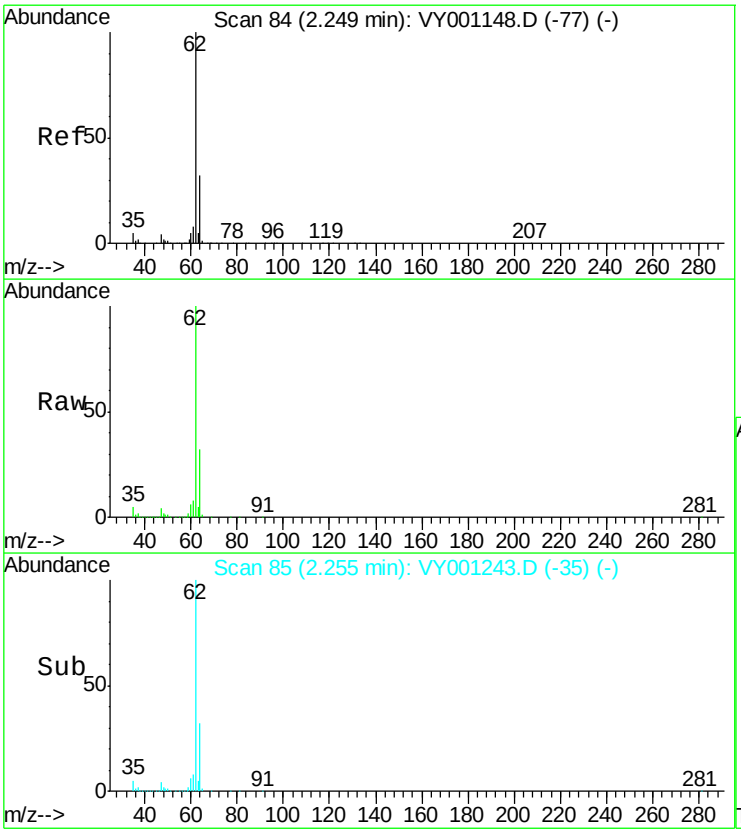
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30

Tgt Ion:168 Resp: 168814

Ion	Ratio	Lower	Upper
168	100		
99	56.0	47.9	71.9

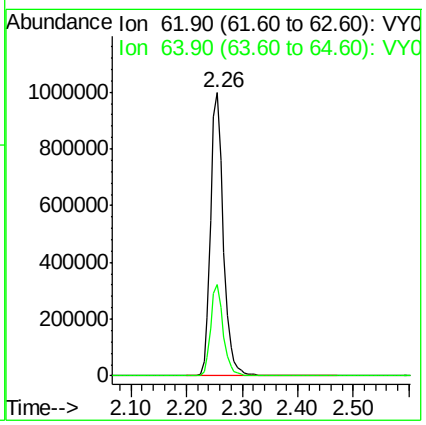


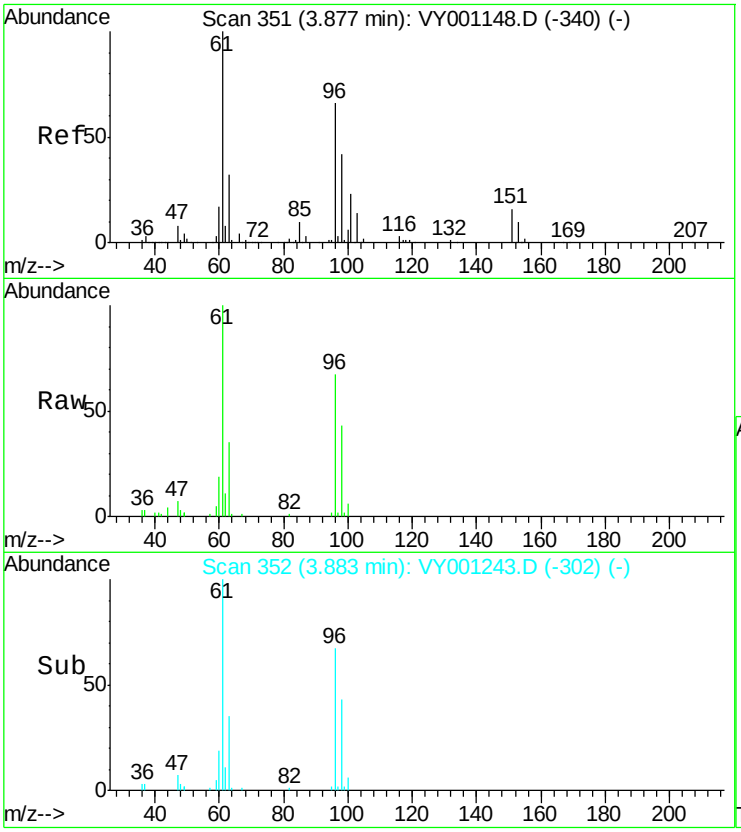


#4
Vinyl Chloride
Concen: 850.265 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Tgt Ion: 62 Resp: 1600766

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.8	38.8



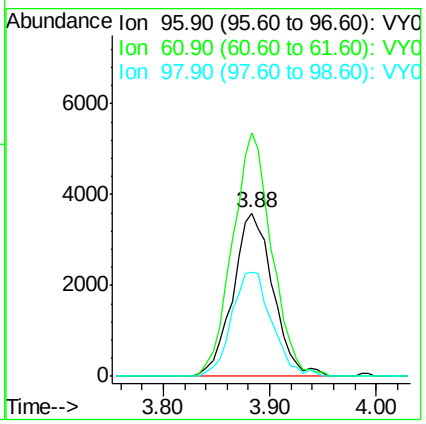


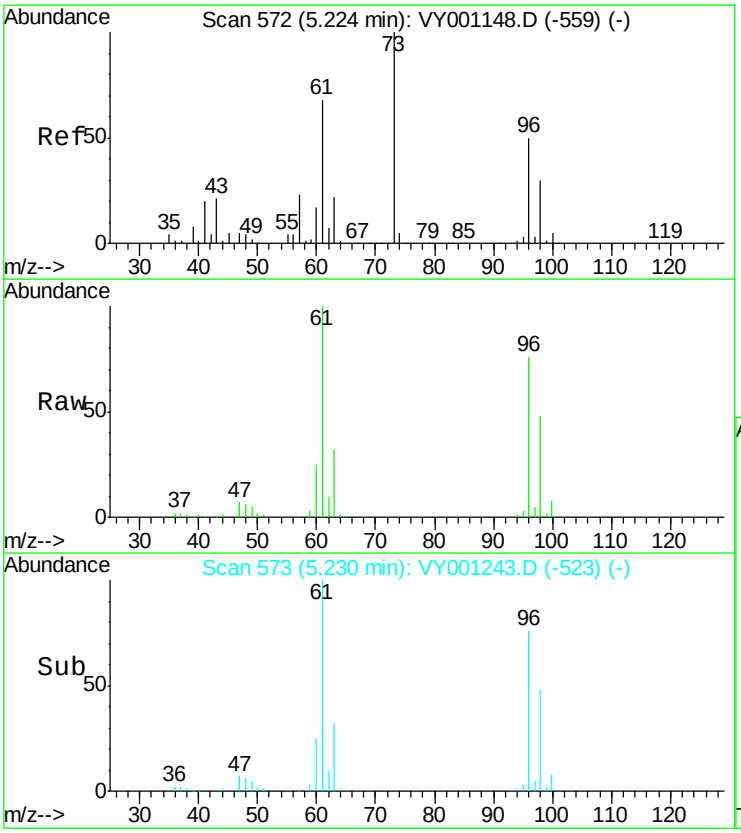
#12
1,1-Dichloroethene
Concen: 5.507 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30

Tgt Ion: 96 Resp: 9504

Ion	Ratio	Lower	Upper
96	100		
61	149.4	122.1	183.1
98	64.1	51.0	76.6

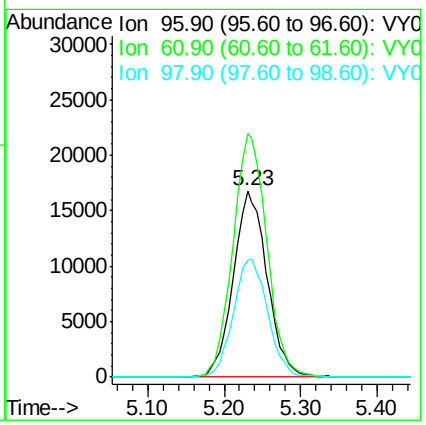


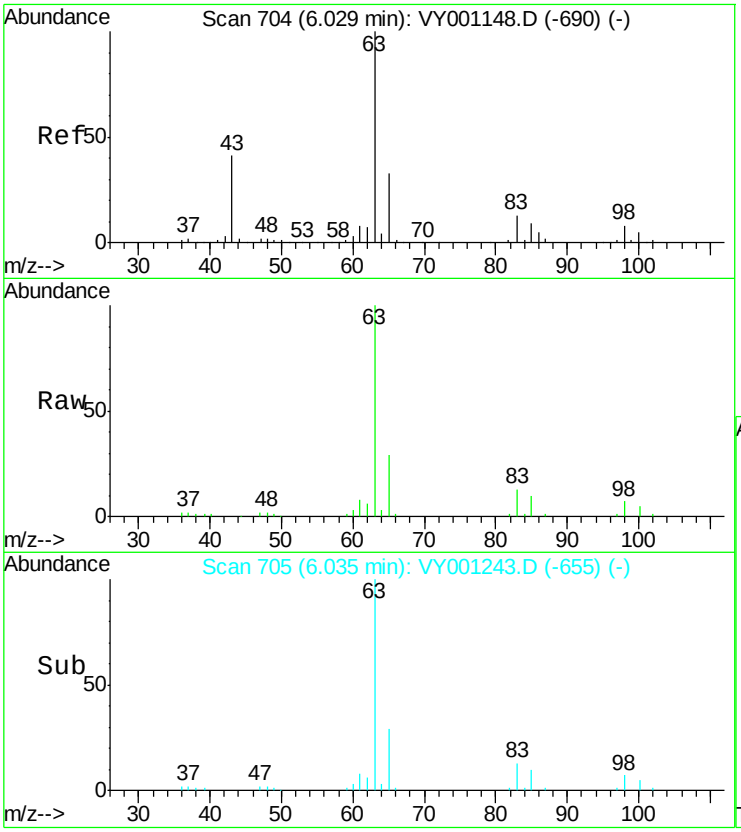


#21
trans-1,2-Dichloroethene
Concen: 26.216 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Tgt Ion: 96 Resp: 51300

Ion	Ratio	Lower	Upper
96	100		
61	130.8	107.6	161.4
98	62.6	47.6	71.4



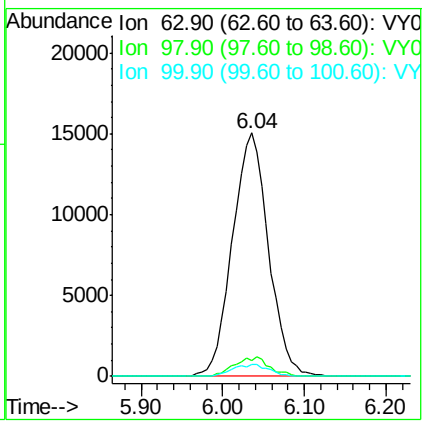


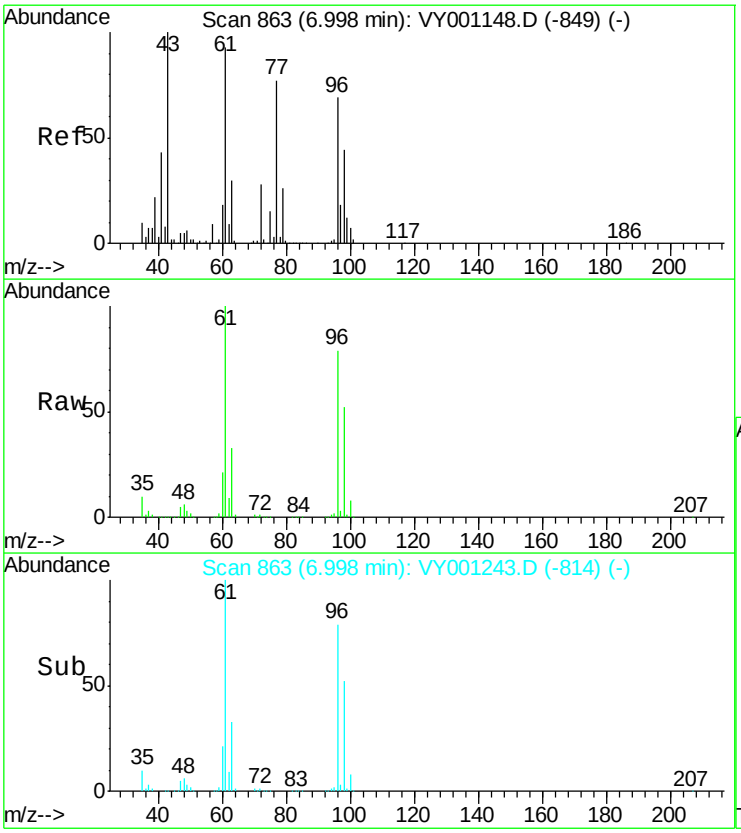
#24
1,1-Dichloroethane
Concen: 14.157 ug/l
RT: 6.04 min Scan# 705
Delta R.T. 0.01 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30

Tgt Ion: 63 Resp: 46106

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.9	11.7
100	4.7	2.4	7.2

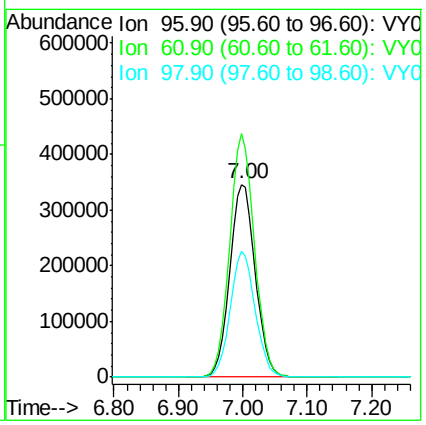


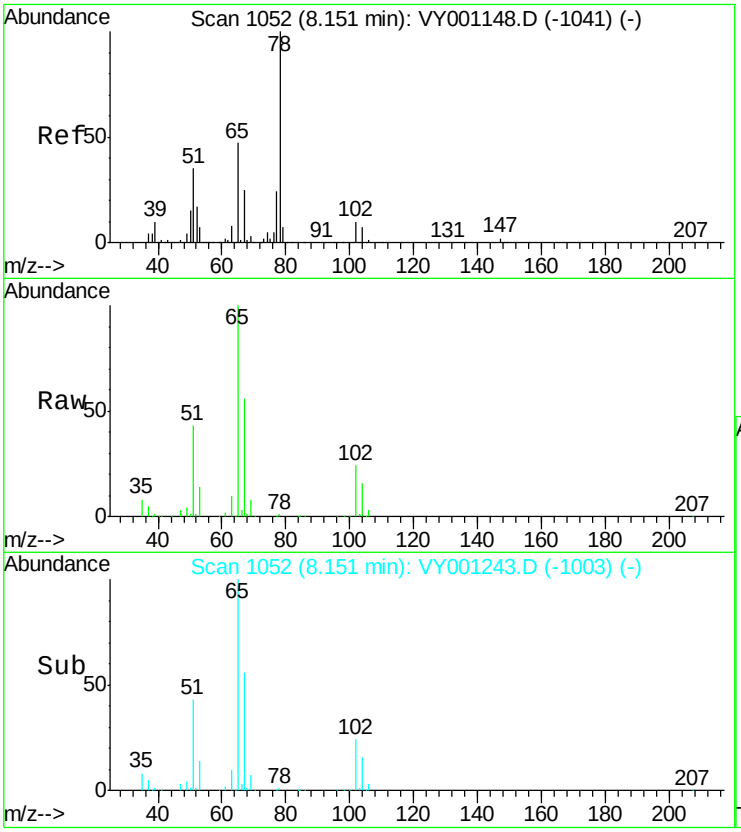


#27
cis-1,2-Dichloroethene
Concen: 444.820 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Tgt Ion: 96 Resp: 953781

Ion	Ratio	Lower	Upper
96	100		
61	123.2	0.0	284.0
98	63.8	0.0	130.2



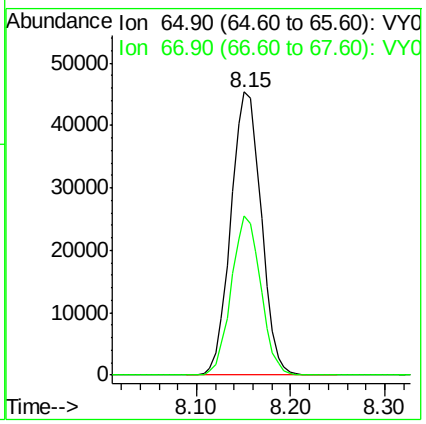


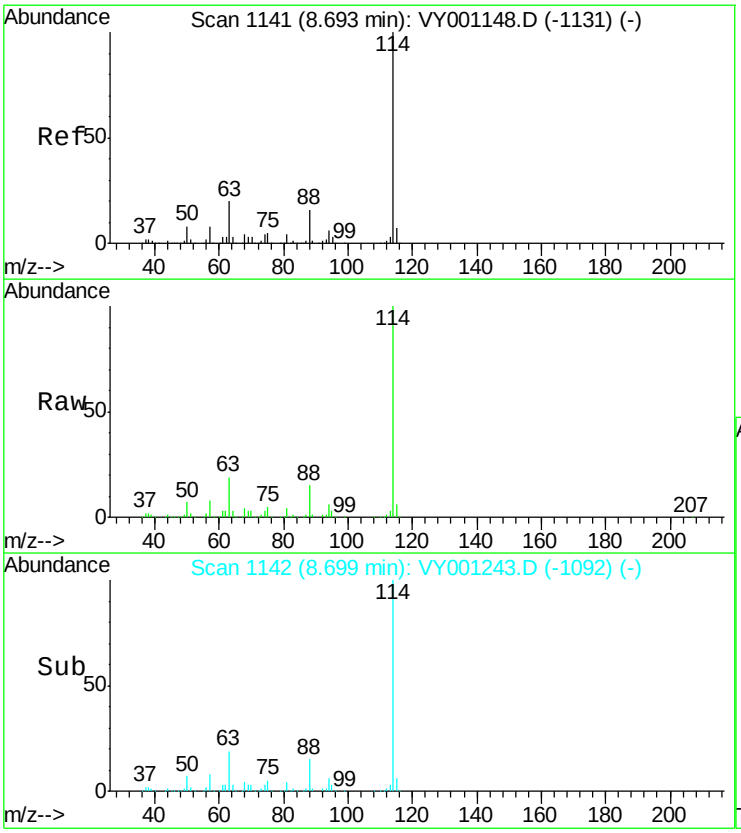
#33
1,2-Dichloroethane-d4
Concen: 57.056 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30

Tgt Ion: 65 Resp: 101730

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.2

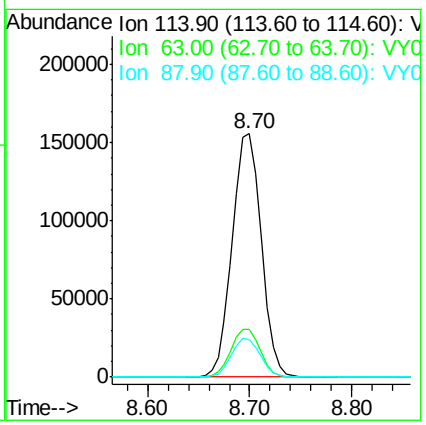


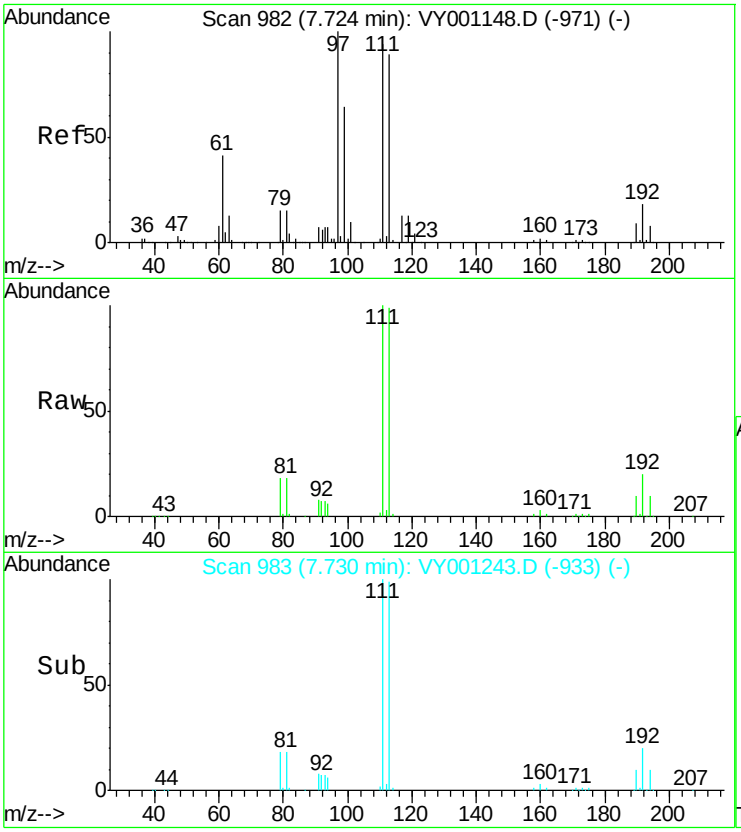


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Tgt Ion:114 Resp: 307574

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	15.4	0.0	32.4



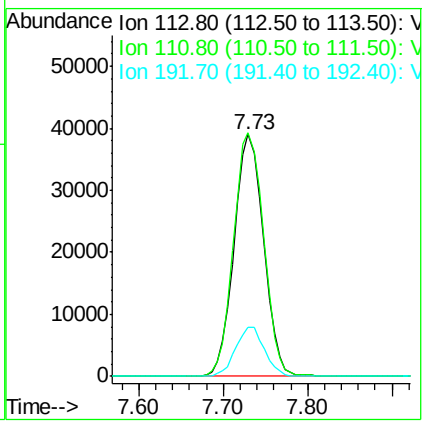


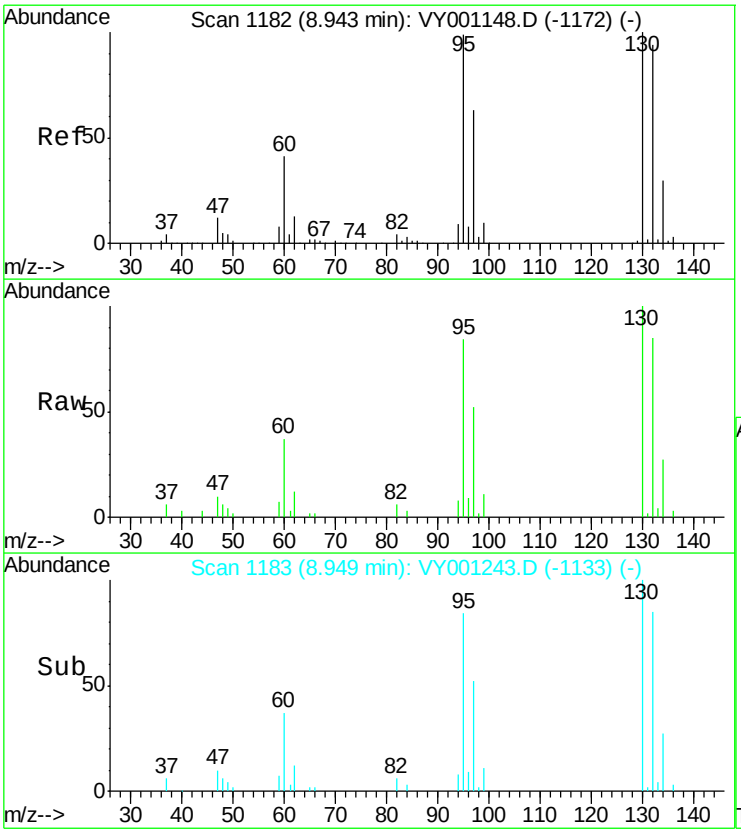
#35
Dibromofluoromethane
Concen: 51.175 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30

Tgt Ion:113 Resp: 92158

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	19.7	15.4	23.2

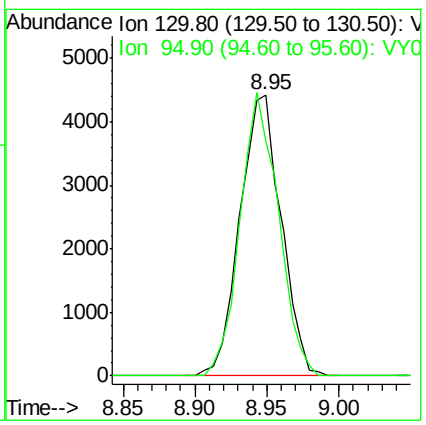


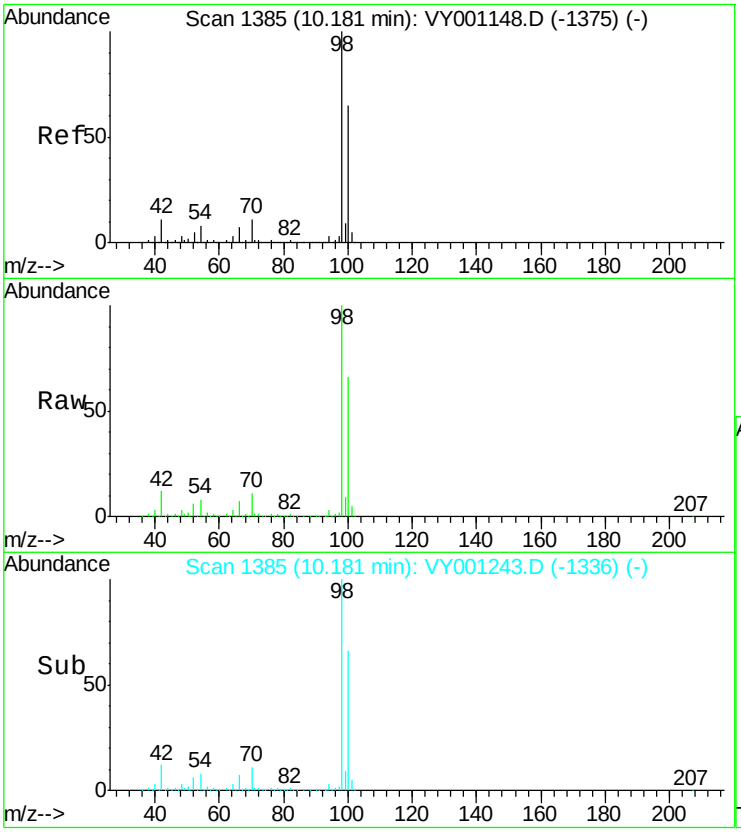


#44
Trichloroethene
Concen: 4.100 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Tgt Ion:130 Resp: 8742

Ion	Ratio	Lower	Upper
130	100		
95	83.6	0.0	197.6



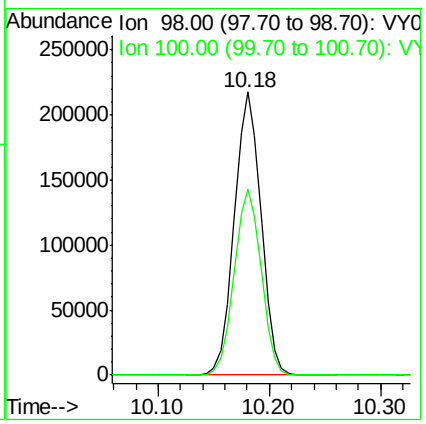


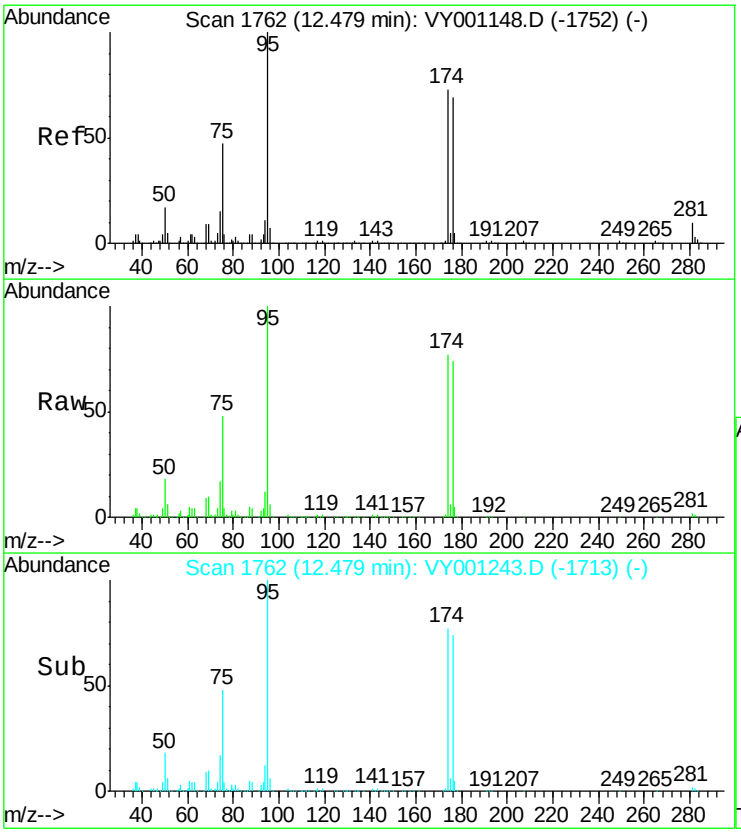
#50
Toluene-d8
Concen: 51.913 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB457_200113_28-30

Tgt Ion: 98 Resp: 360221

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7

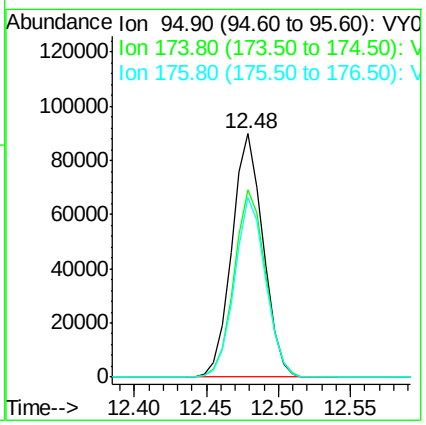


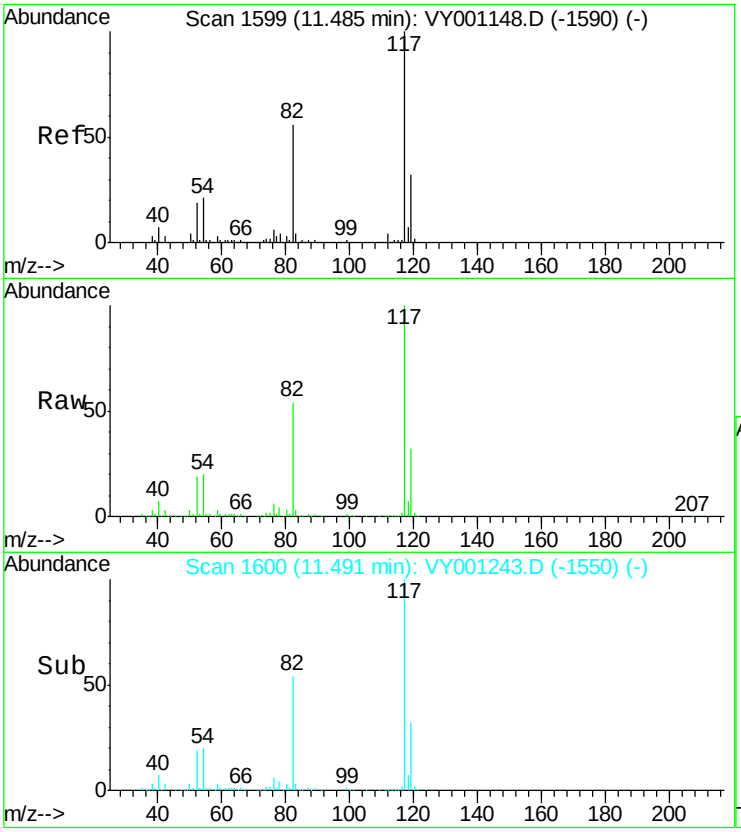


#62
4-Bromofluorobenzene
Concen: 47.939 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Tgt Ion: 95 Resp: 135995

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	143.2
176	73.0	0.0	136.0



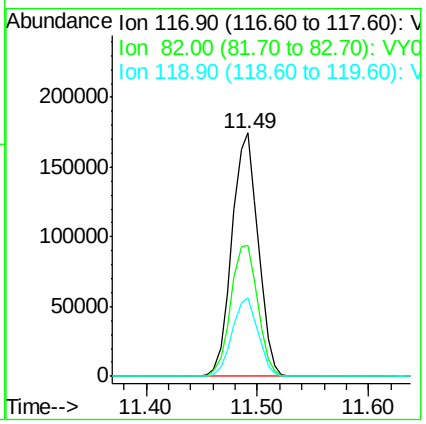


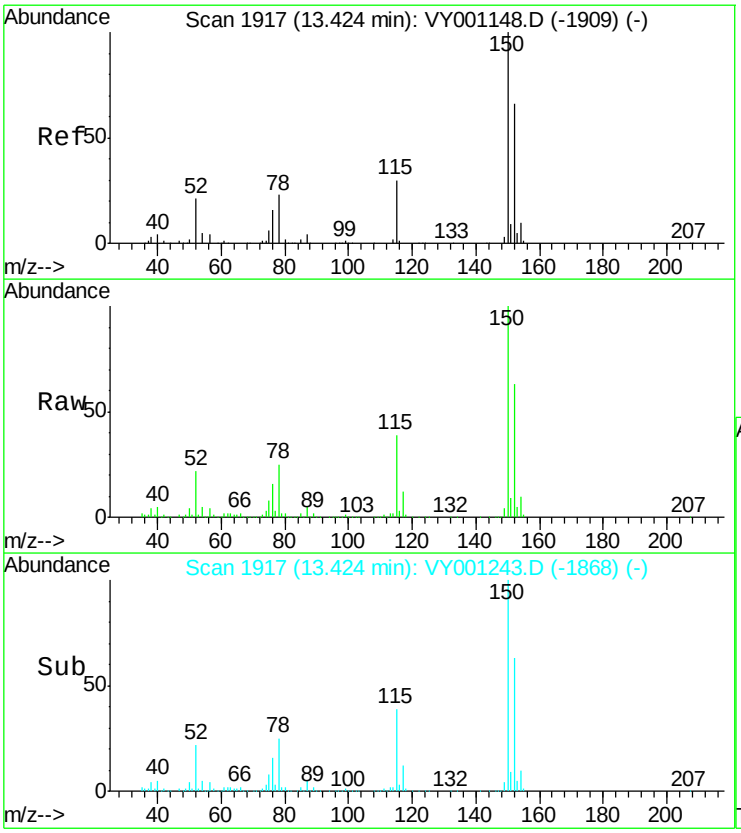
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Instrument : MSVOA_Y
ClientSampleId : WP022SB457_200113_28-30

Tgt Ion:117 Resp: 283528

Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.9	67.3
119	32.2	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001243.D
Acq: 16 Jan 2020 01:34

Tgt Ion:152 Resp: 135219

Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.9	92.5
150	158.0	0.0	346.8