Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY062920\
Data File : VY003006.D
Acq On : 29 Jun 2020 14:52
Operator : SY/MD
Sample : VY0629SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY0629SBL01

Quant Time: Jun 30 06:15:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	353857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	572172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	546194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	278824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	204951	58.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.64%			
35) Dibromofluoromethane	7.72	113	186252	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.36%			
50) Toluene-d8	10.18	98	700226	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.32%			
62) 4-Bromofluorobenzene	12.48	95	252989	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.10%			
Target Compounds						Qvalue
20) Methylene Chloride	4.72	84	48152	7.027	ug/l	93
52) Toluene	10.25	92	11667	1.228	ug/l	98
68) m/p-Xylenes	11.70	106	15753	2.148	ug/l	99
93) 1,2,4-Trichlorobenzene	15.01	180	10047	1.725	ug/l	95
94) Hexachlorobutadiene	15.11	225	3876	1.055	ug/l	96
95) Naphthalene	15.24	128	23444	2.204	ug/l	96
96) 1,2,3-Trichlorobenzene	15.42	180	9654	1.909	ug/l	97

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

Quantitation Report (QT/LSC Reviewed)

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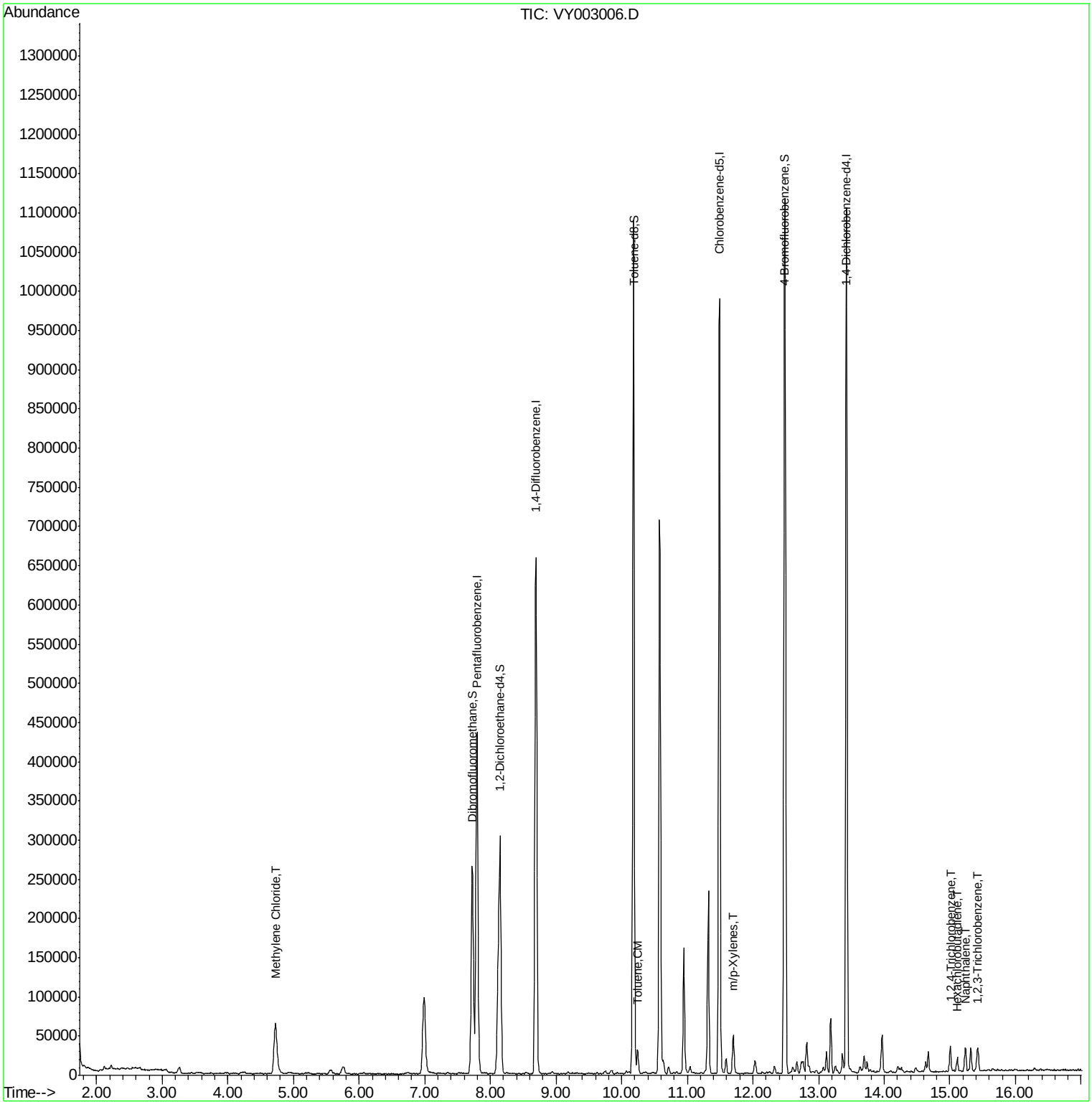
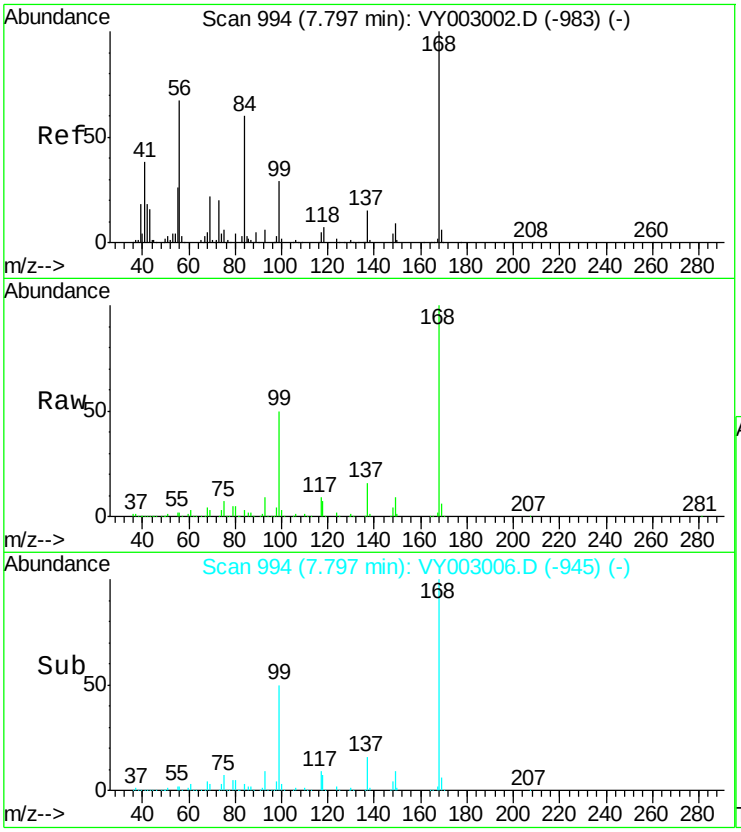


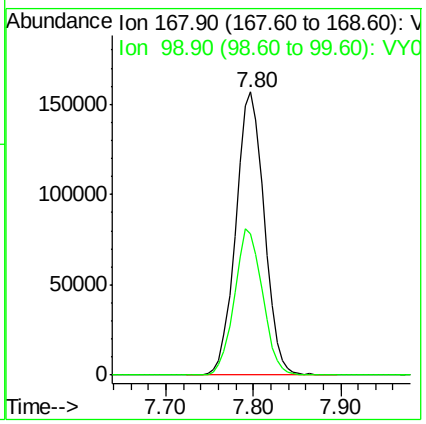


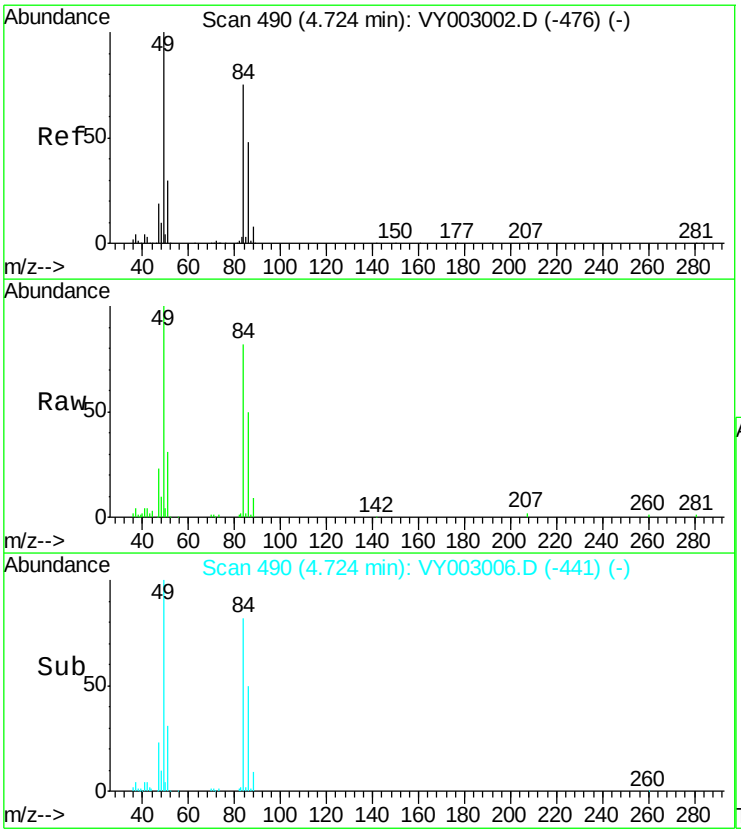
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

Tgt Ion:168 Resp: 353857

Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.2	58.8

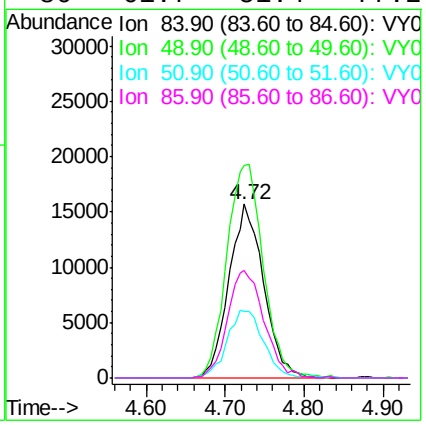


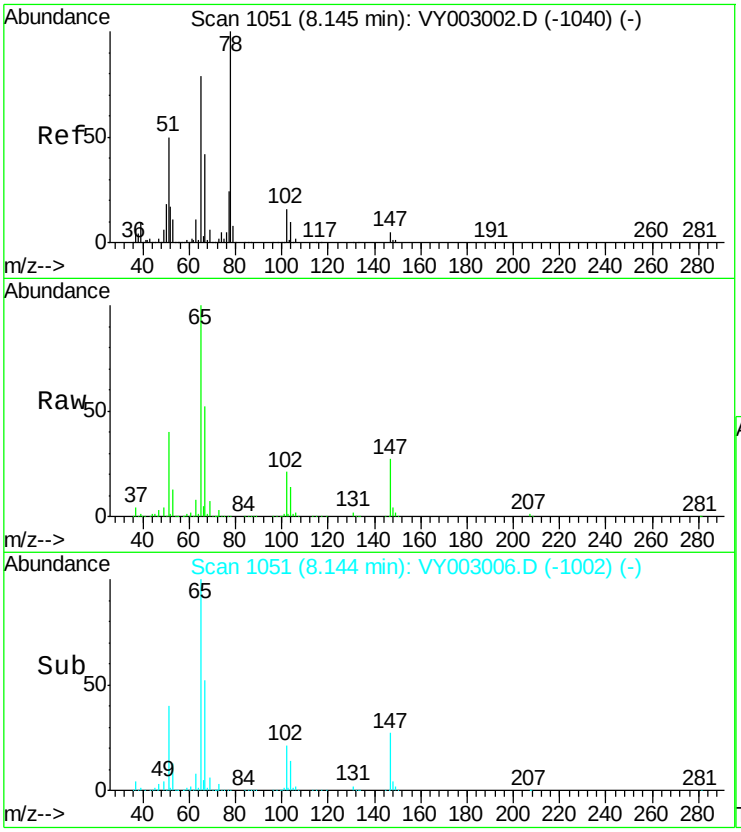


#20
Methylene Chloride
Concen: 7.027 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Tgt Ion: 84 Resp: 48152

Ion	Ratio	Lower	Upper
84	100		
49	122.6	106.8	160.2
51	38.2	32.0	48.0
86	61.7	51.4	77.2



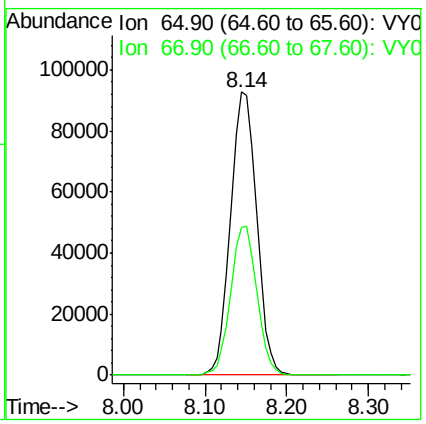


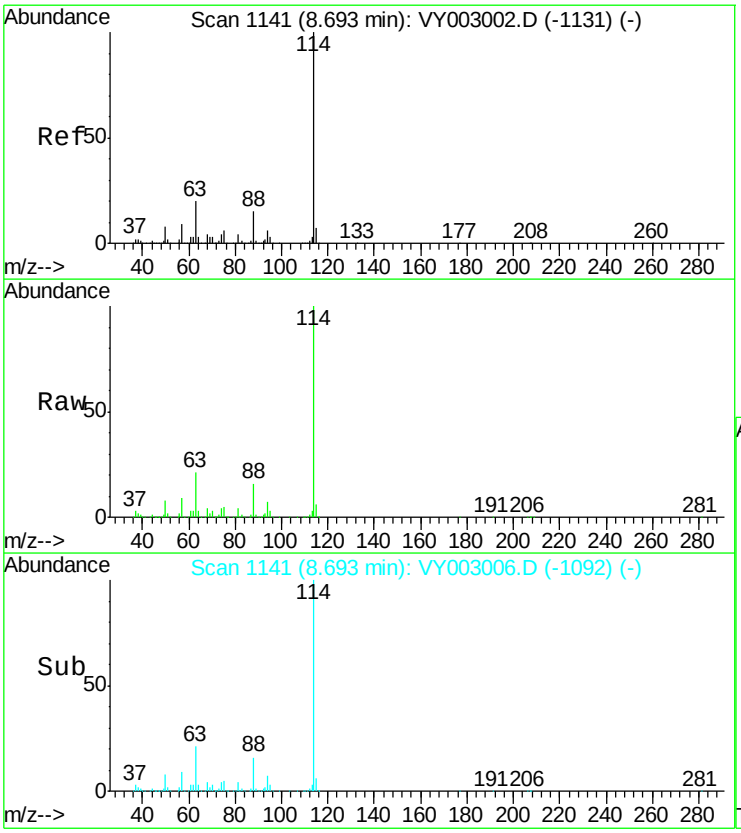
#33
1,2-Dichloroethane-d4
Concen: 58.316 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Instrument : MSVOA_Y
ClientSampleId : VY0629SBL01

Tgt Ion: 65 Resp: 204951

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.6

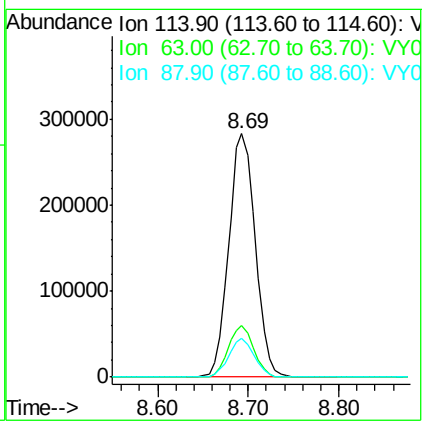


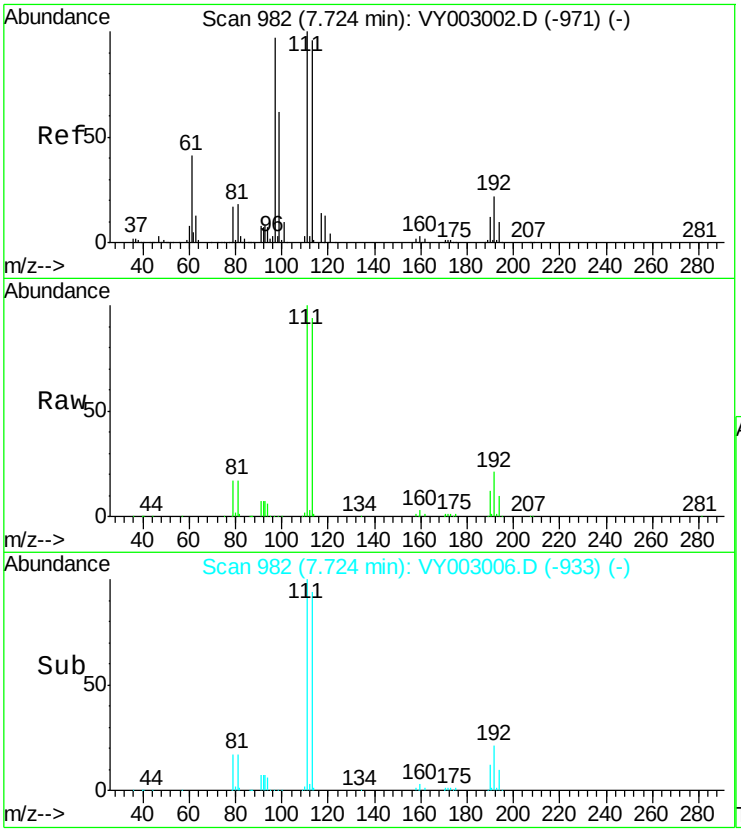


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Tgt Ion:114 Resp: 572172

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.6
88	15.8	0.0	30.0



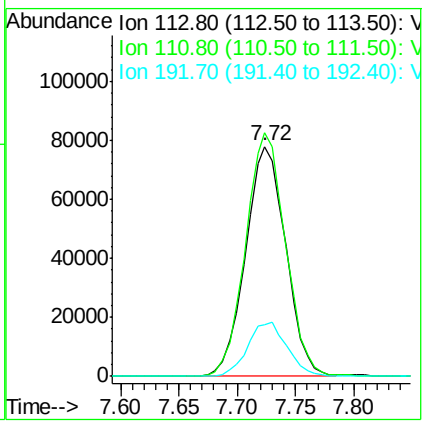


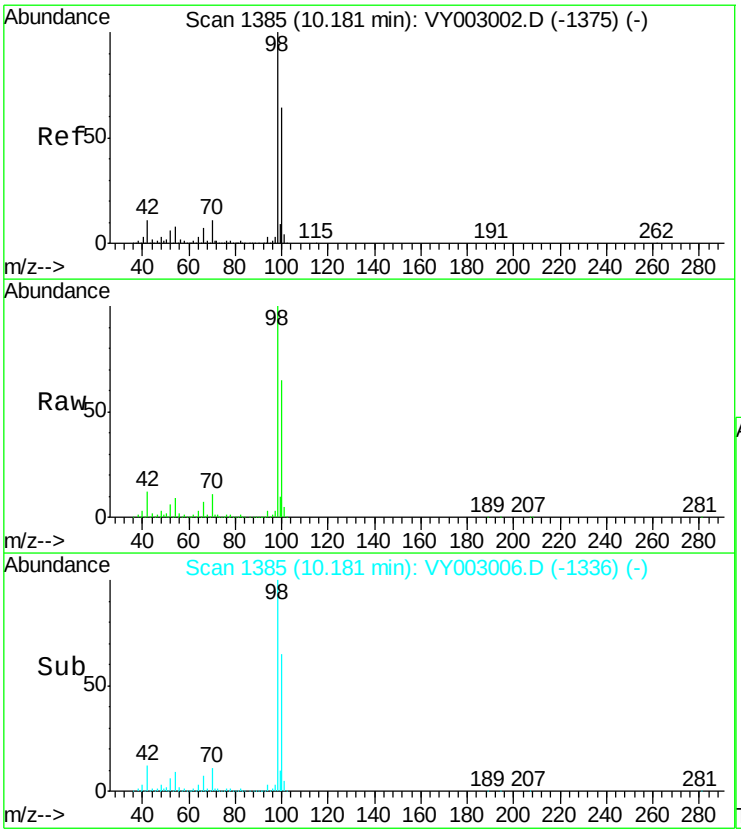
#35
Dibromofluoromethane
Concen: 52.182 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

Tgt Ion:113 Resp: 186252

Ion	Ratio	Lower	Upper
113	100		
111	105.7	82.6	123.8
192	23.2	18.1	27.1

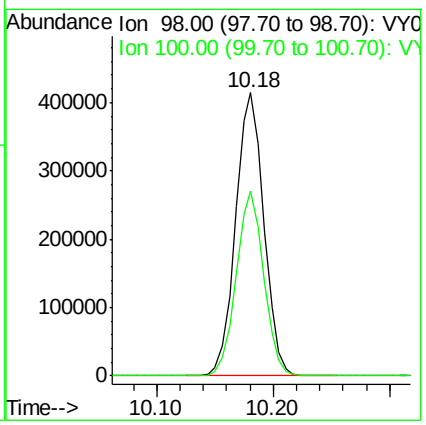


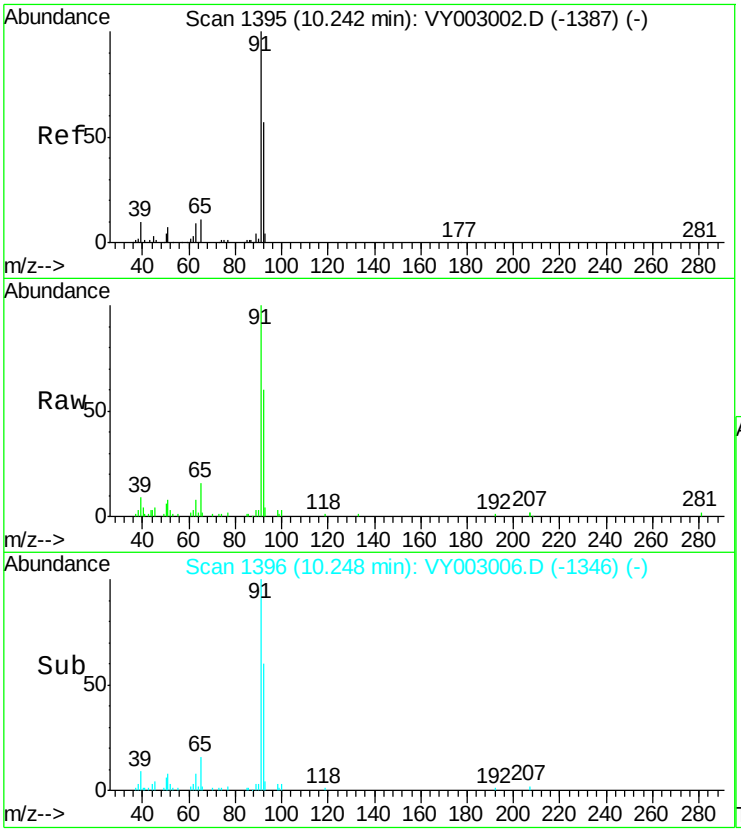


#50
Toluene-d8
Concen: 52.659 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Tgt Ion: 98 Resp: 700226

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7



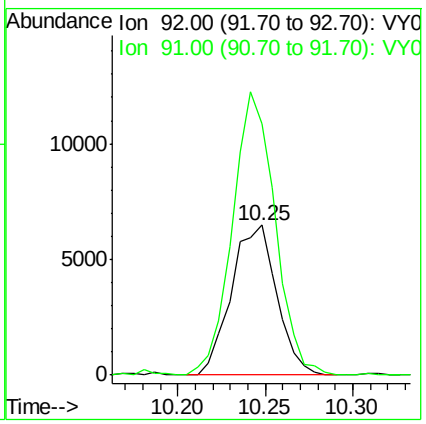


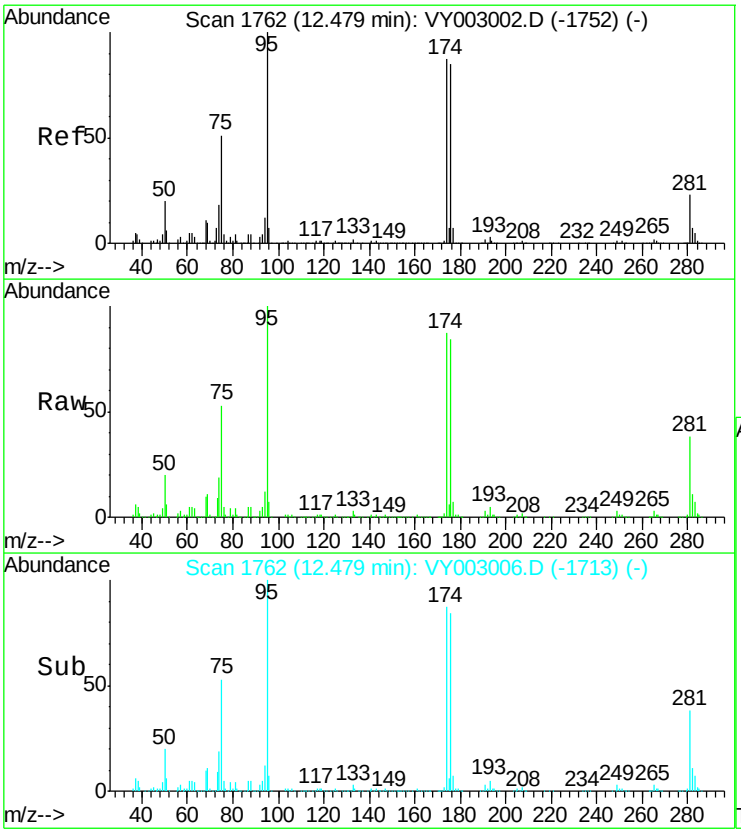
#52
Toluene
Concen: 1.228 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

Tgt Ion: 92 Resp: 11667

Ion	Ratio	Lower	Upper
92	100		
91	177.4	139.6	209.4

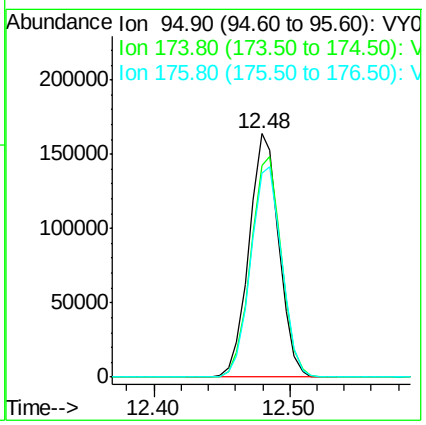


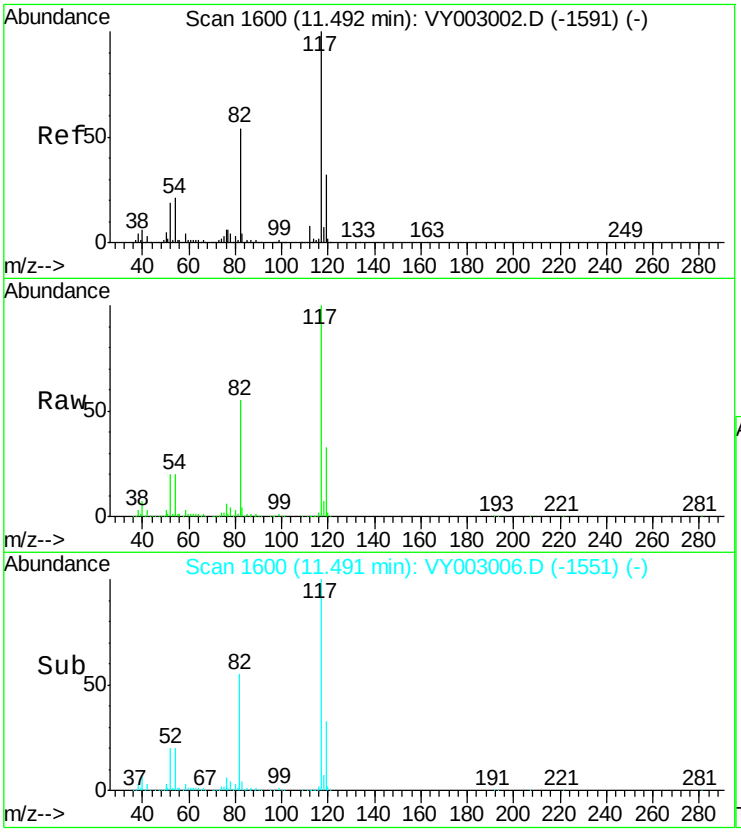


#62
4-Bromofluorobenzene
Concen: 54.050 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Tgt Ion: 95 Resp: 252989

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	184.8
176	89.6	0.0	183.0



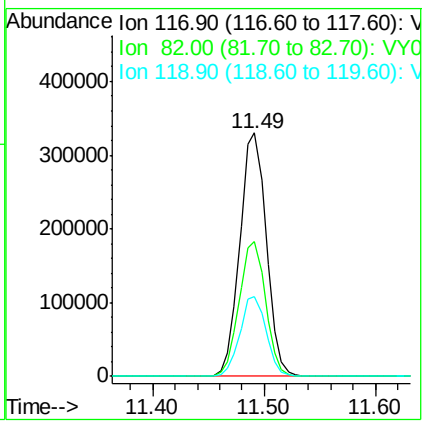


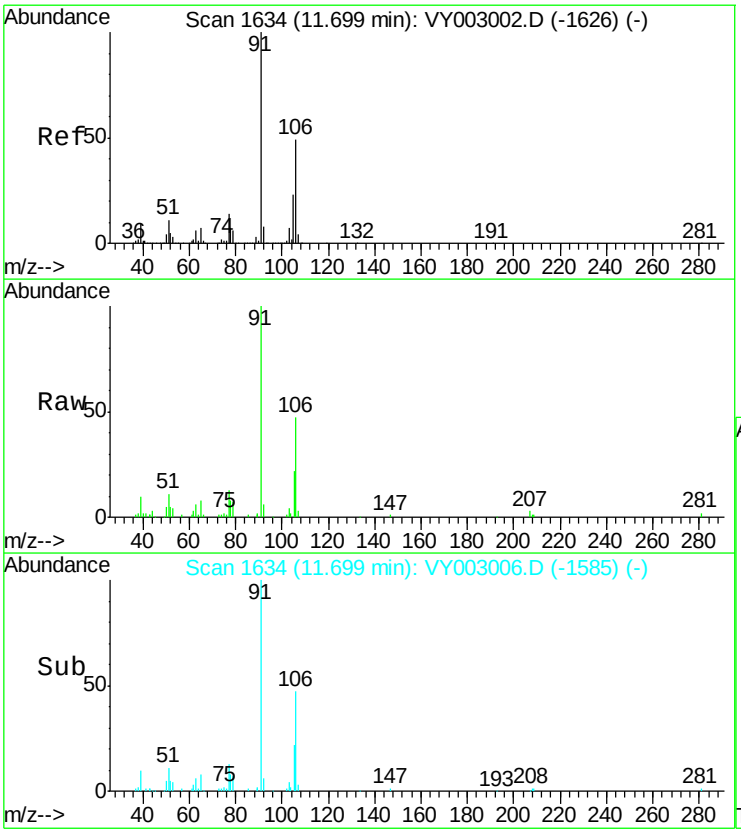
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Instrument : MSVOA_Y
ClientSampleId : VY0629SBL01

Tgt Ion:117 Resp: 546194

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.0	64.6
119	32.6	25.8	38.8

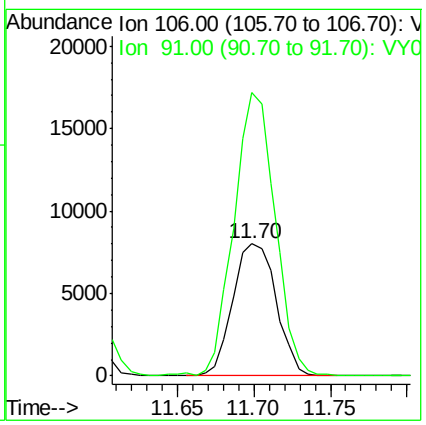


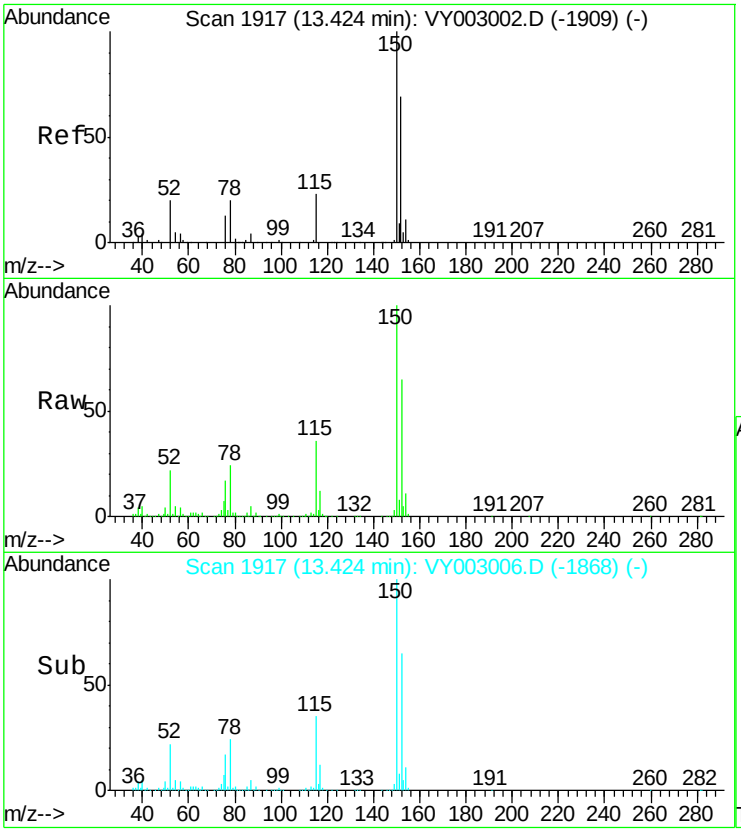


#68
m/p-Xylenes
Concen: 2.148 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Tgt Ion:106 Resp: 15753

Ion	Ratio	Lower	Upper
106	100		
91	204.1	161.9	242.9



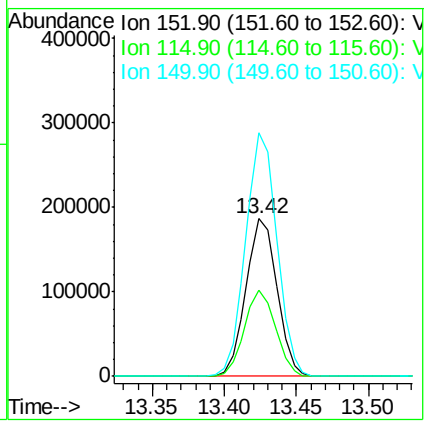


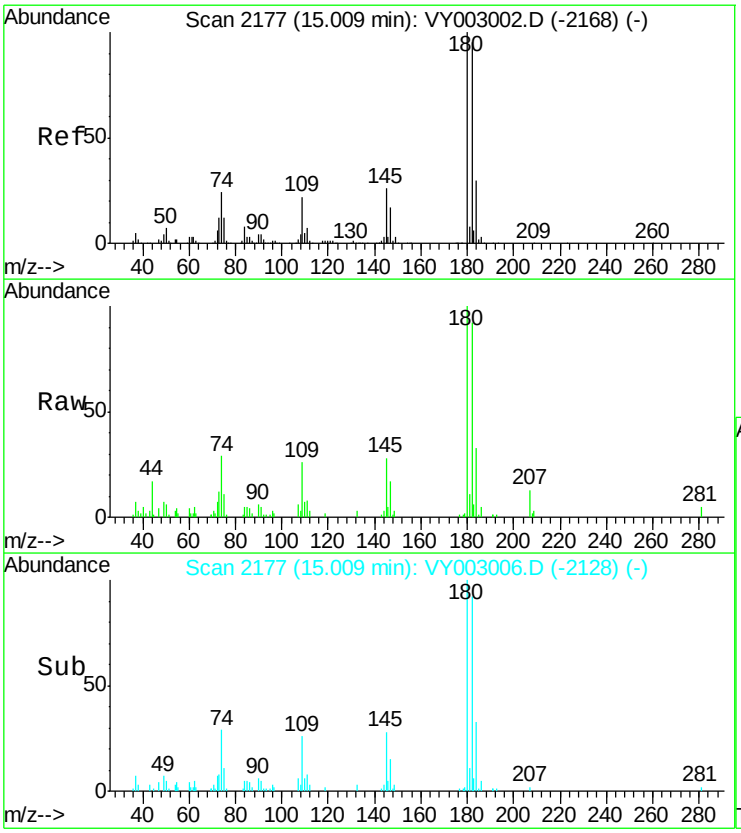
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

Tgt Ion:152 Resp: 278824

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.3	81.9
150	155.5	0.0	343.4

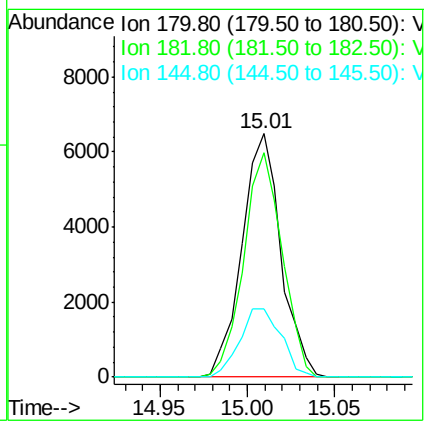


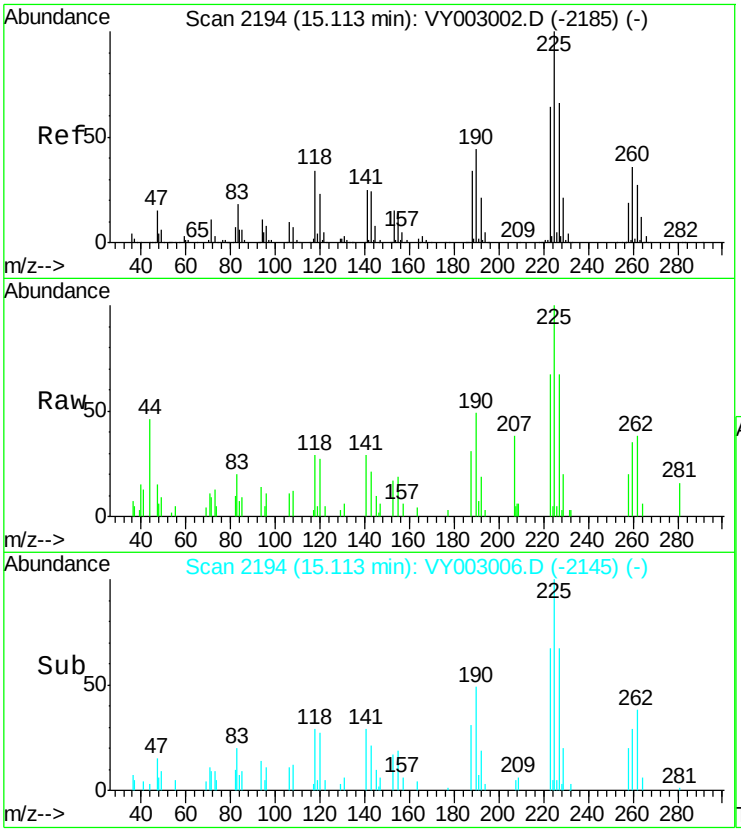


#93
1,2,4-Trichlorobenzene
Concen: 1.725 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Tgt Ion:180 Resp: 10047

Ion	Ratio	Lower	Upper
180	100		
182	90.9	48.1	144.3
145	29.7	13.9	41.6



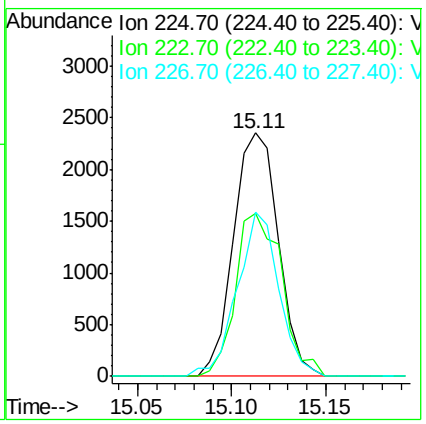


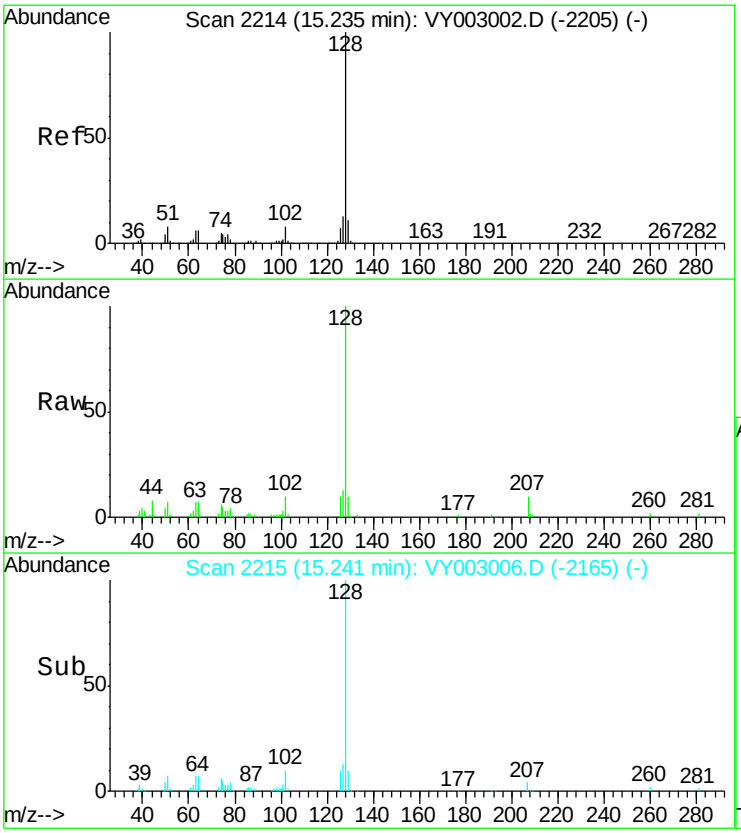
#94
Hexachlorobutadiene
Concen: 1.055 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

Tgt Ion:225 Resp: 3876

Ion	Ratio	Lower	Upper
225	100		
223	69.3	32.4	97.0
227	62.7	32.4	97.2

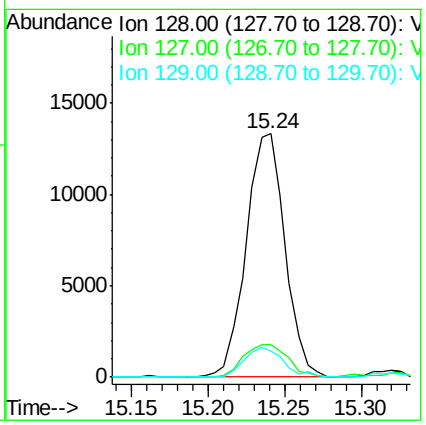


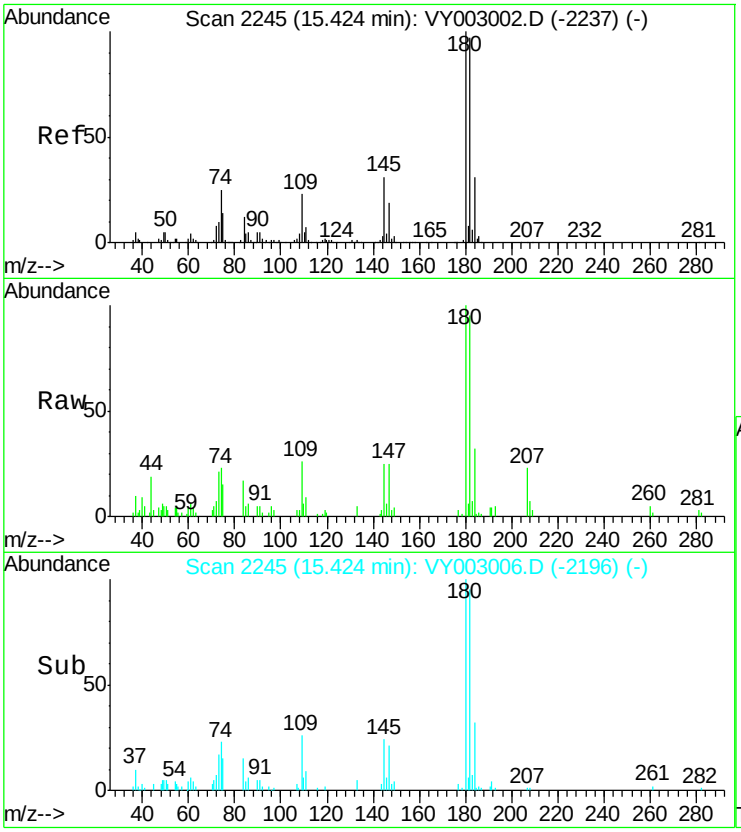


#95
Naphthalene
Concen: 2.204 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Tgt Ion:128 Resp: 23444

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.8	16.2
129	12.3	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 1.909 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003006.D
Acq: 29 Jun 2020 14:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

Tgt Ion:180 Resp: 9654

Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.8	143.3
145	29.0	14.7	44.1