Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050820\
Data File : VY002637.D
Acq On : 08 May 2020 13:08
Operator : SY/MD
Sample : L2557-01
Misc : 6.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-12-(4-5)

Quant Time: May 11 01:42:54 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	7.82	168	214470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	321799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	273885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	91486	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.46%			
35) Dibromofluoromethane	7.74	113	97507	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.96%			
50) Toluene-d8	10.19	98	372214	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.58%			
62) 4-Bromofluorobenzene	12.49	95	108103	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.66%			
Target Compounds						Qvalue
16) Acetone	3.98	43	18542	49.822	ug/l	98
25) 2-Butanone	7.02	43	6868	11.274	ug/l	95
40) Benzene	8.18	78	99708	12.797	ug/l	99
67) Ethyl Benzene	11.60	91	16605	1.816	ug/l	99
68) m/p-Xylenes	11.71	106	22636	6.397	ug/l	99
95) Naphthalene	15.25	128	7663	1.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	3328	1.707	ug/l	95

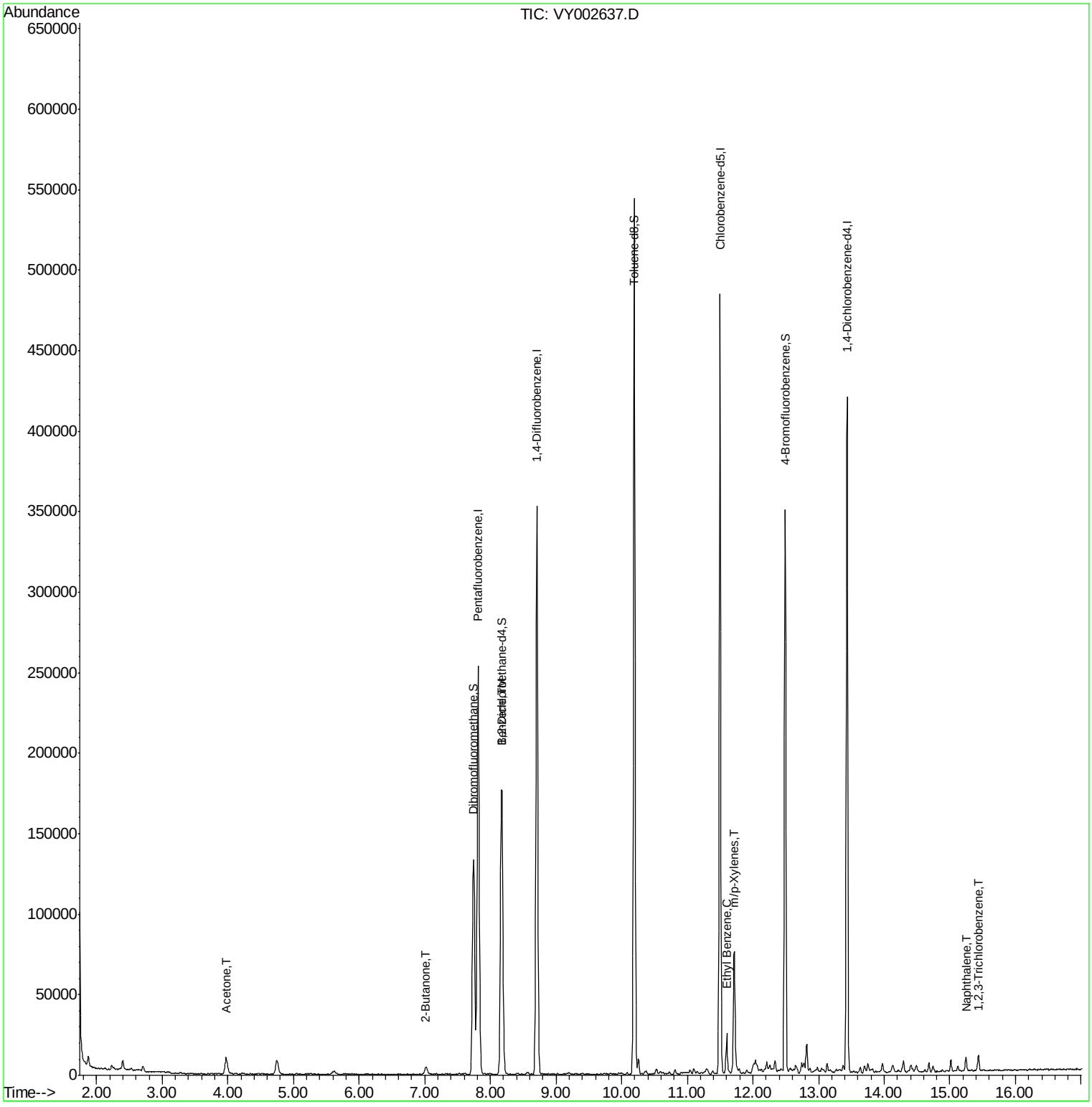
(#) = qualifier out of range (m) = manual integration (+) = signals summed

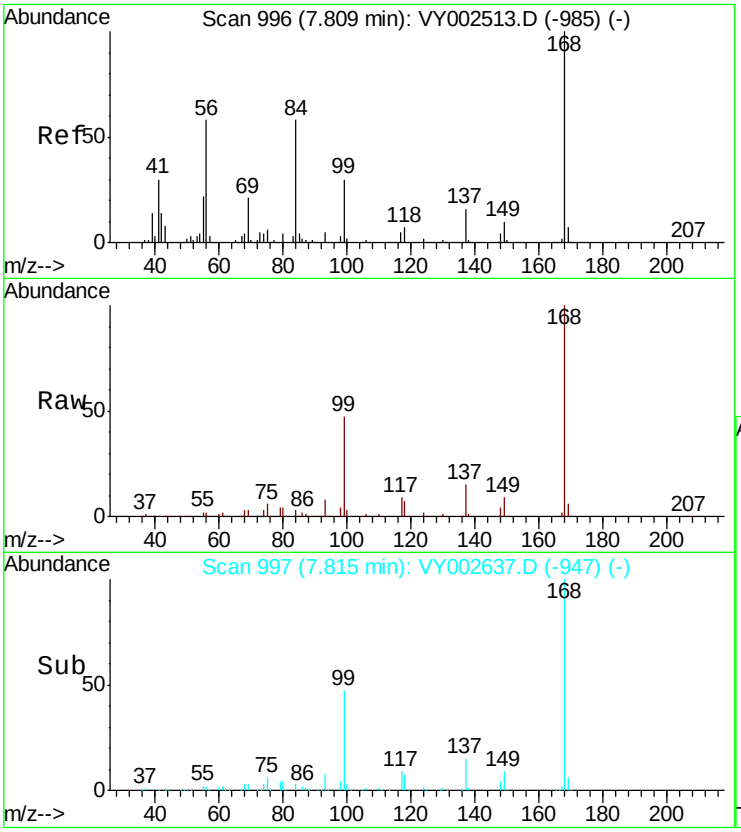
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY050820\
Data File : VY002637.D
Acq On : 08 May 2020 13:08
Operator : SY/MD
Sample : L2557-01
Misc : 6.87G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-12-(4-5)

Quant Time: May 11 01:42:54 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



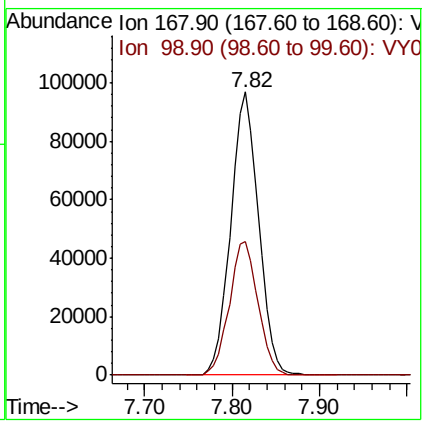


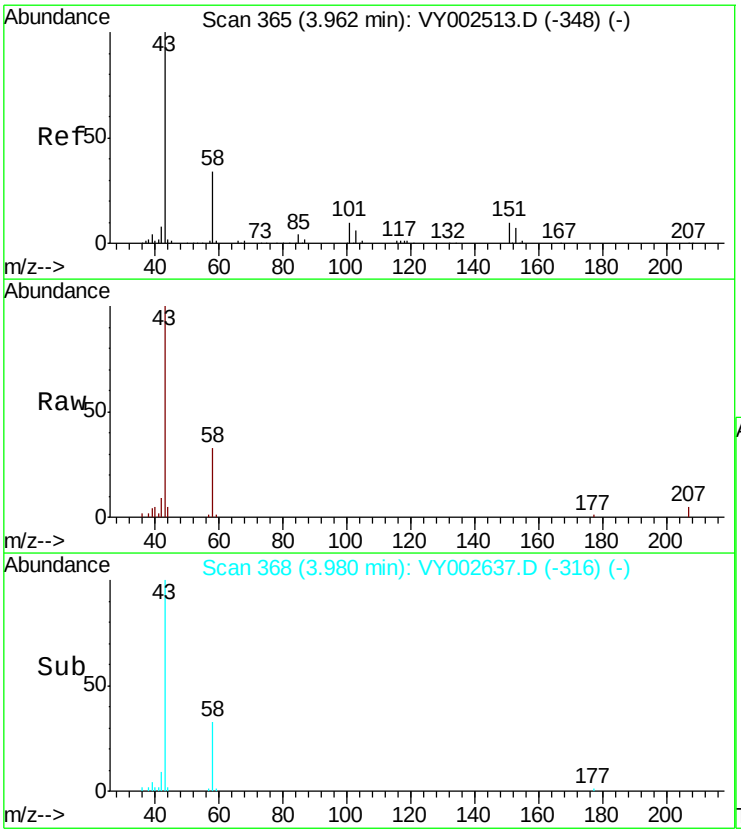
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(4-5)

Tgt Ion:168 Resp: 214470

Ion	Ratio	Lower	Upper
168	100		
99	47.4	39.2	58.8

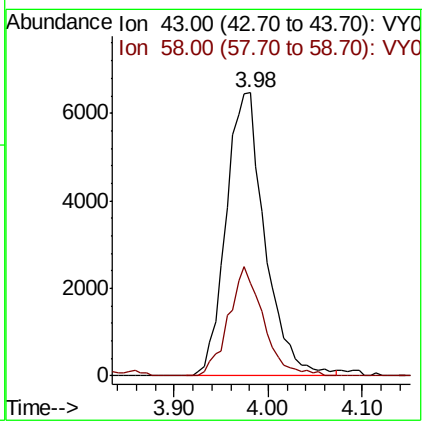


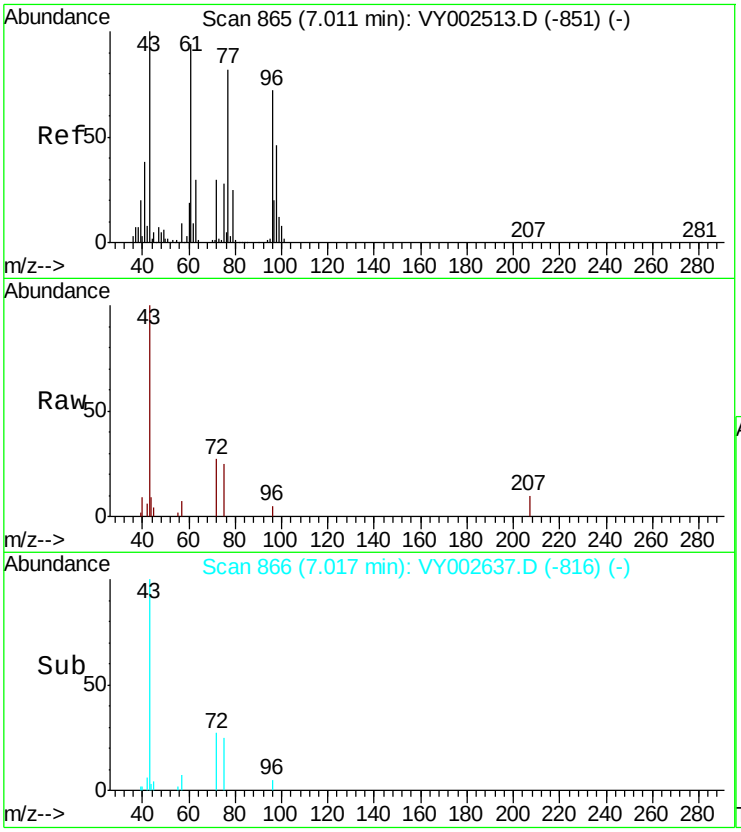


#16
Acetone
Concen: 49.822 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Tgt Ion: 43 Resp: 18542

Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.9	40.3



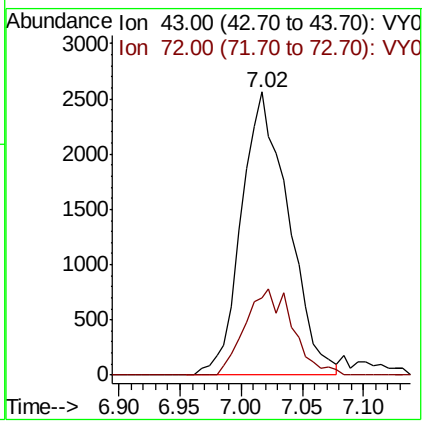


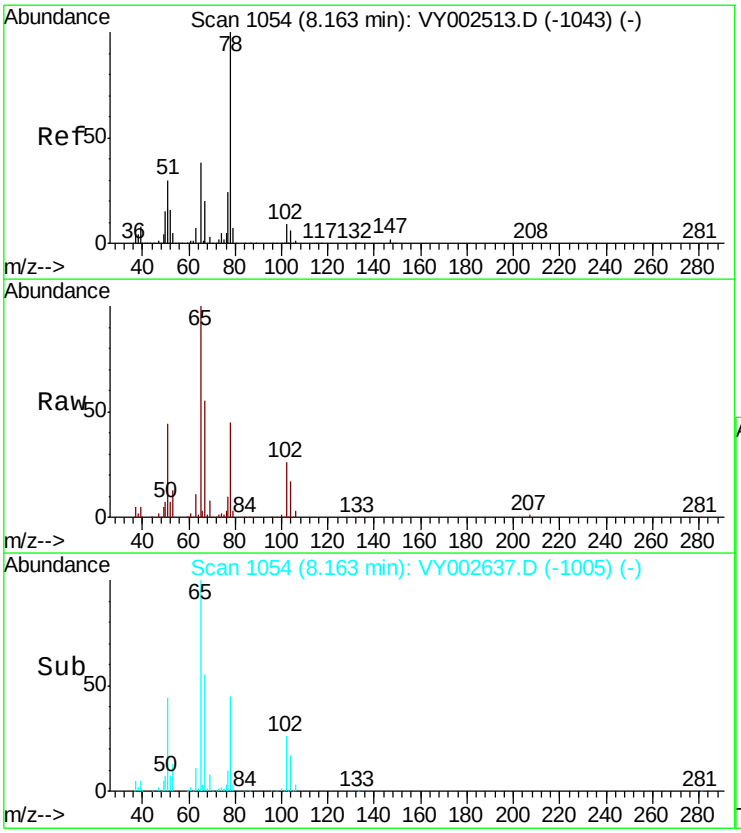
#25
2-Butanone
Concen: 11.274 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(4-5)

Tgt Ion: 43 Resp: 6868

Ion	Ratio	Lower	Upper
43	100		
72	27.2	24.1	36.1

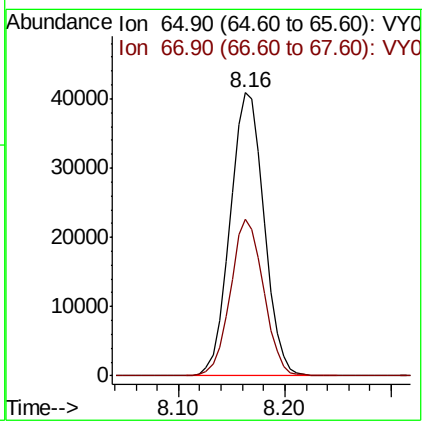


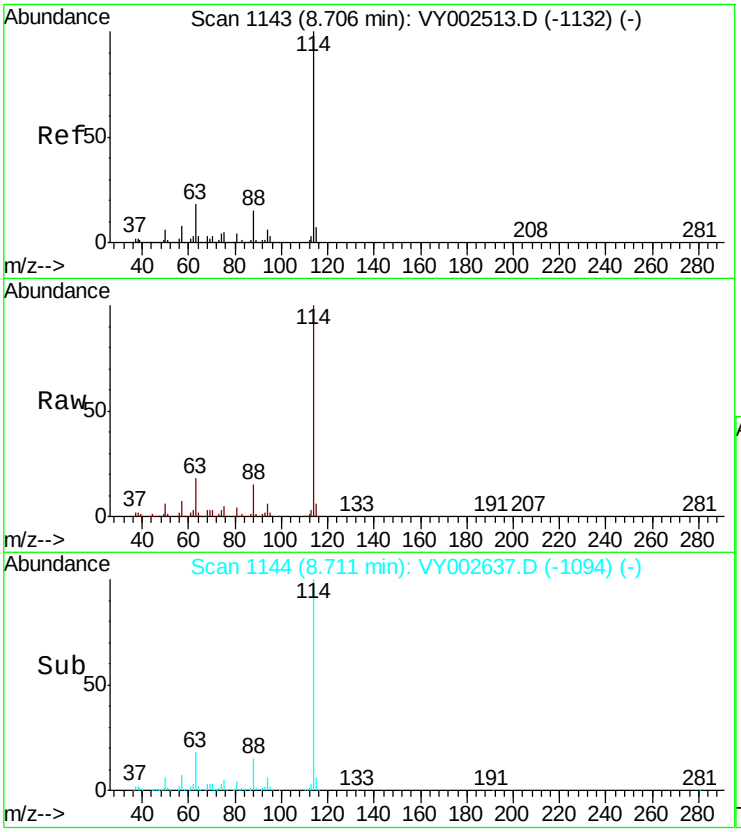


#33
1,2-Dichloroethane-d4
Concen: 50.732 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Tgt Ion: 65 Resp: 91486

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.2



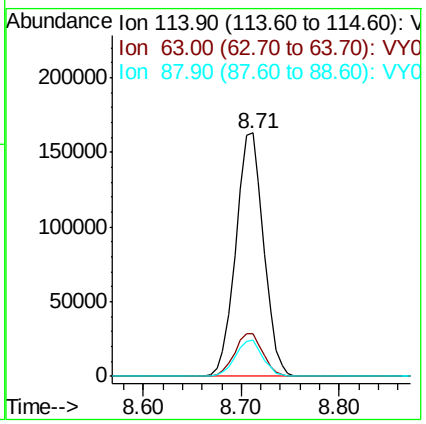


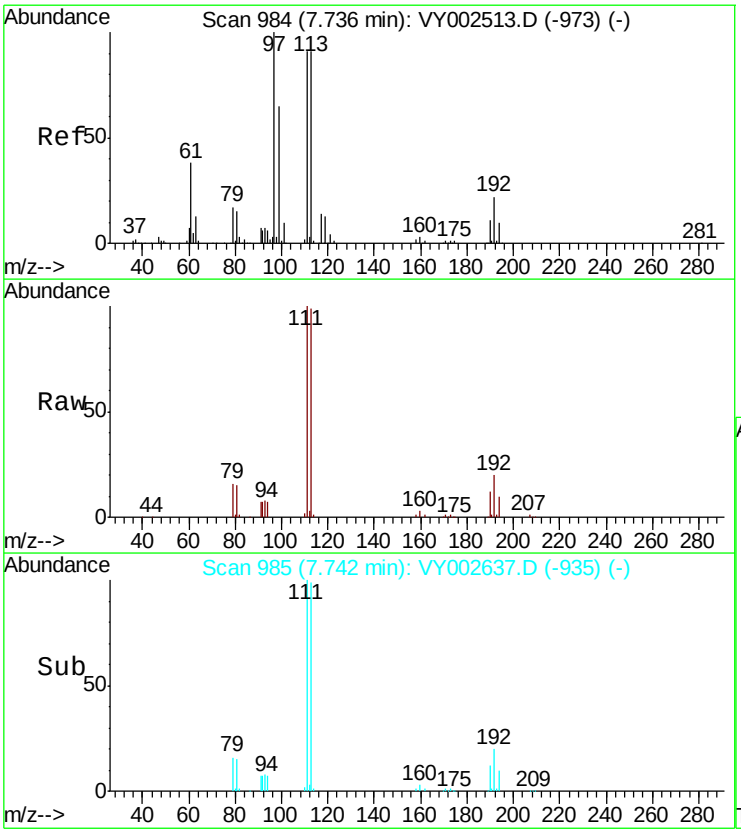
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Instrument : MSVOA_Y
ClientSampleId : TP-12-(4-5)

Tgt Ion:114 Resp: 321799

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.4
88	14.7	0.0	29.6

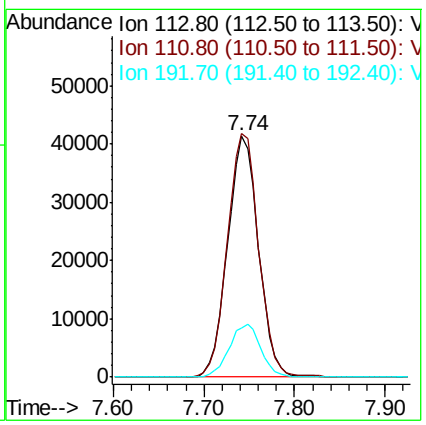


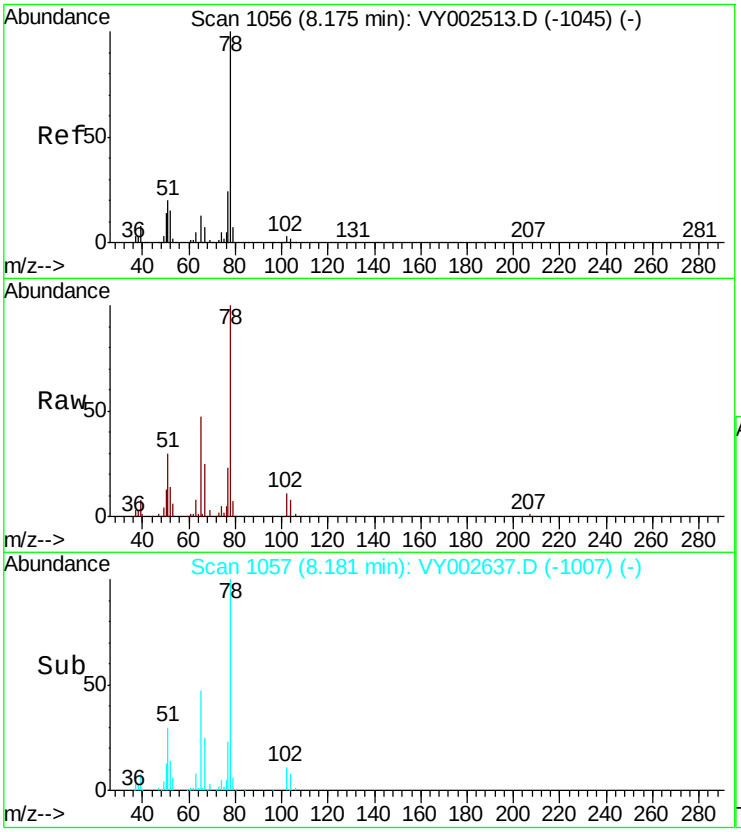


#35
Dibromofluoromethane
Concen: 52.982 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Tgt Ion:113 Resp: 97507

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.5	18.2	27.4



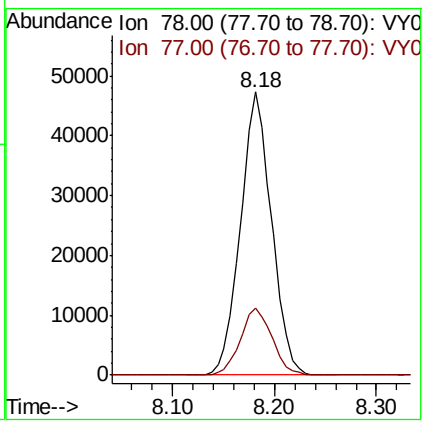


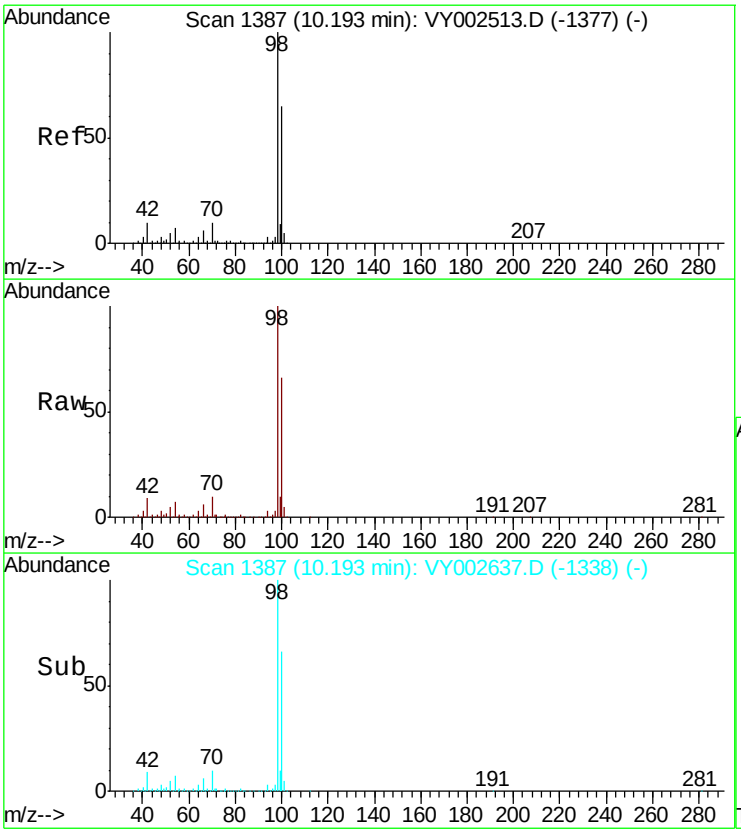
#40
Benzene
Concen: 12.797 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(4-5)

Tgt Ion: 78 Resp: 99708

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8

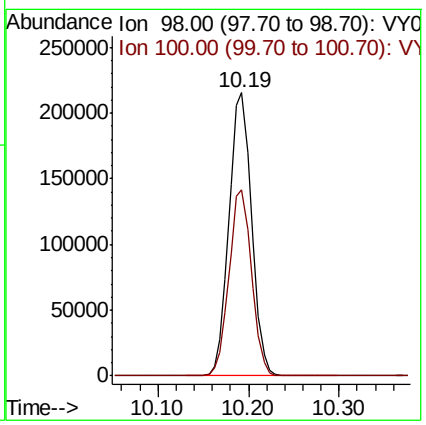


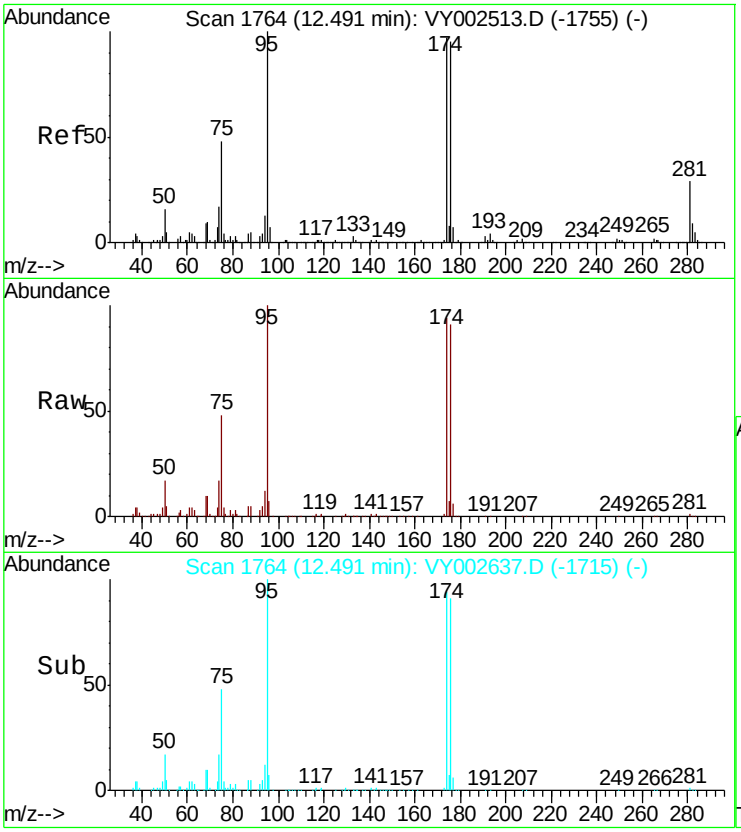


#50
Toluene-d8
Concen: 51.790 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Tgt Ion: 98 Resp: 372214

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2



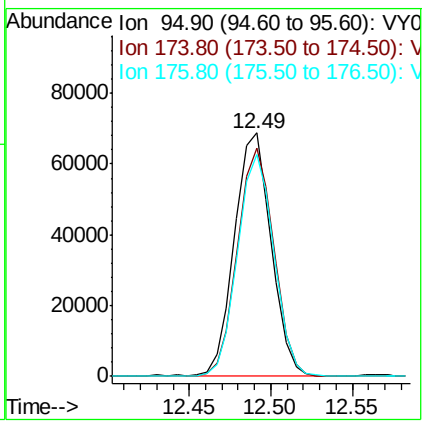


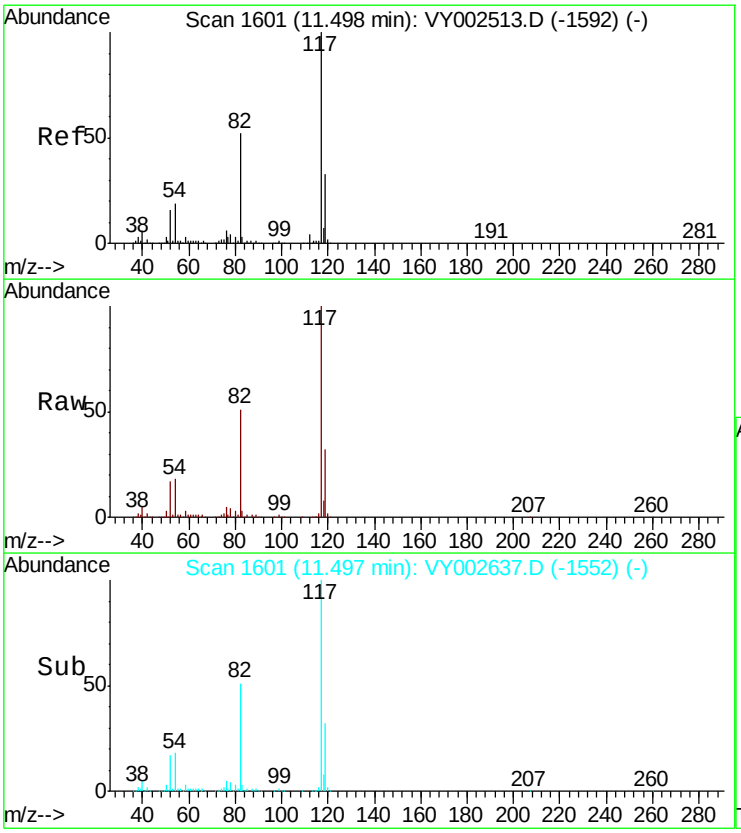
#62
4-Bromofluorobenzene
Concen: 44.328 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(4-5)

Tgt Ion: 95 Resp: 108103

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	188.8
176	90.1	0.0	183.2

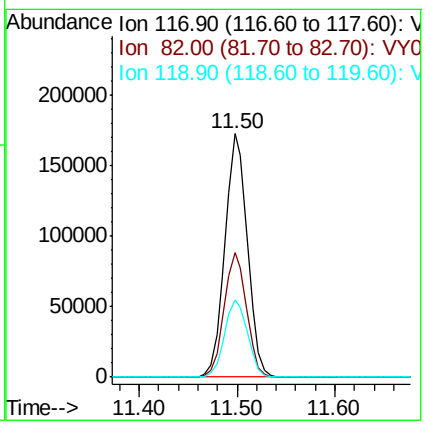


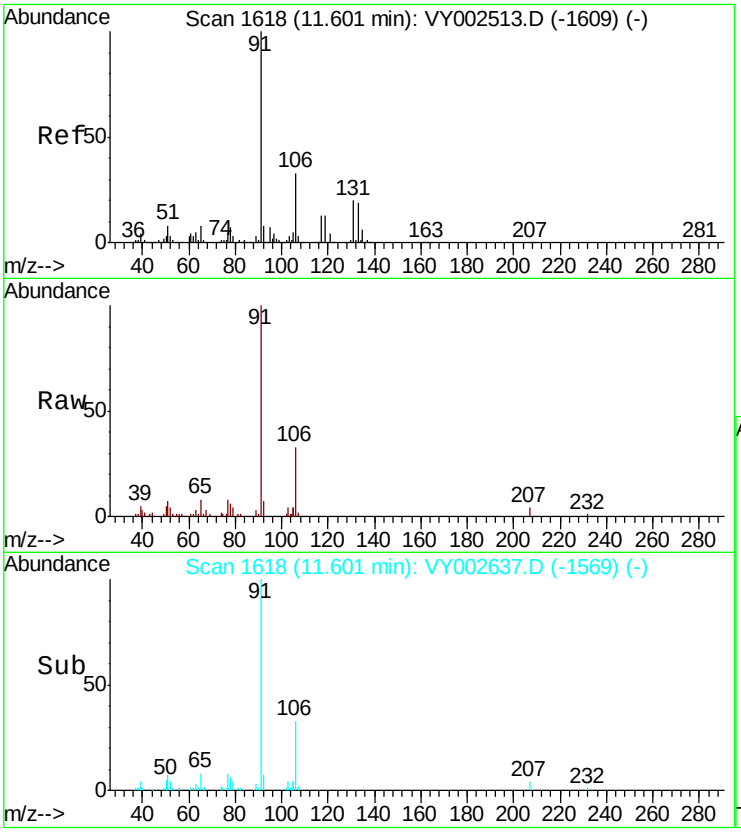


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Tgt Ion:117 Resp: 273885

Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.3	61.9
119	31.8	26.0	39.0



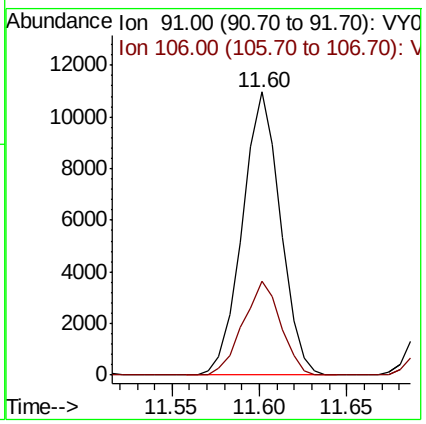


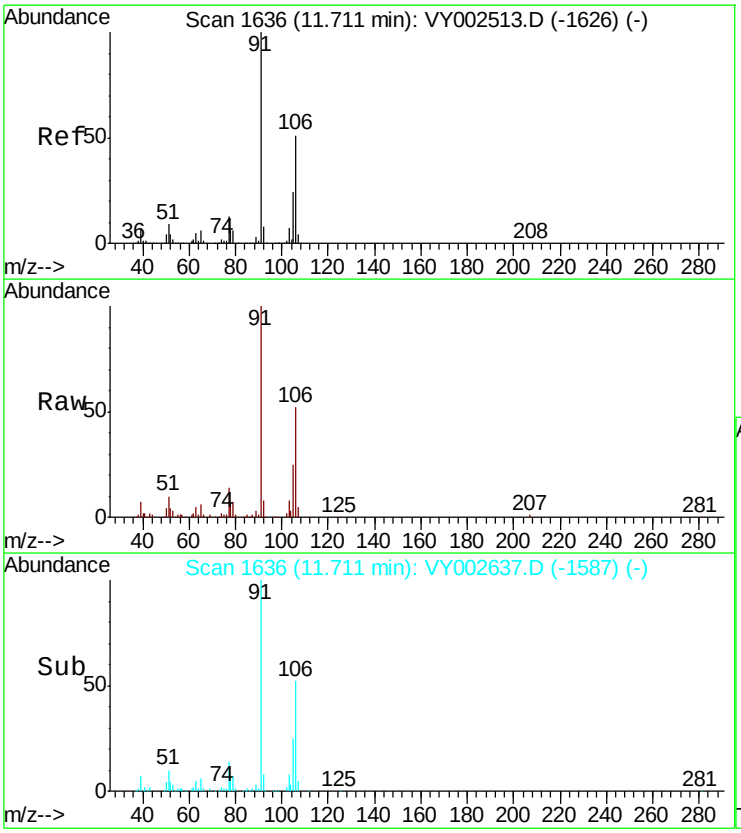
#67
Ethyl Benzene
Concen: 1.816 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(4-5)

Tgt Ion: 91 Resp: 16605

Ion	Ratio	Lower	Upper
91	100		
106	33.4	26.1	39.1

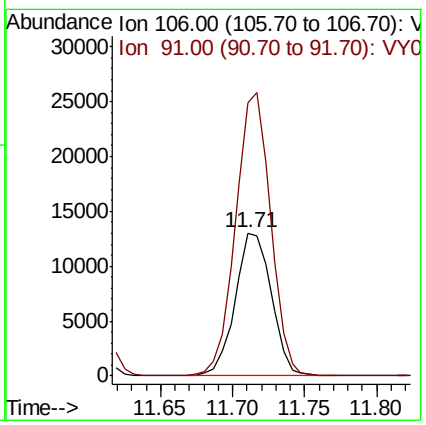


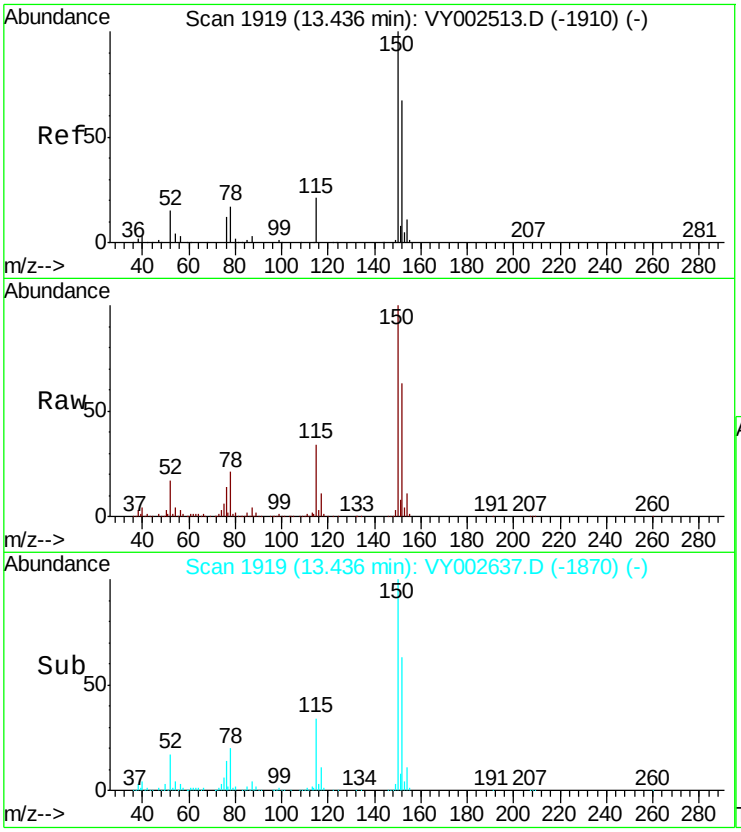


#68
m/p-Xylenes
Concen: 6.397 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Tgt Ion:106 Resp: 22636

Ion	Ratio	Lower	Upper
106	100		
91	192.5	155.2	232.8



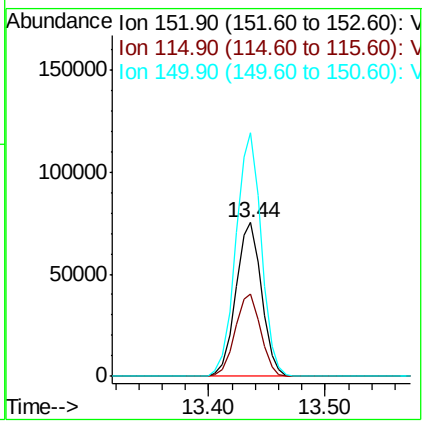


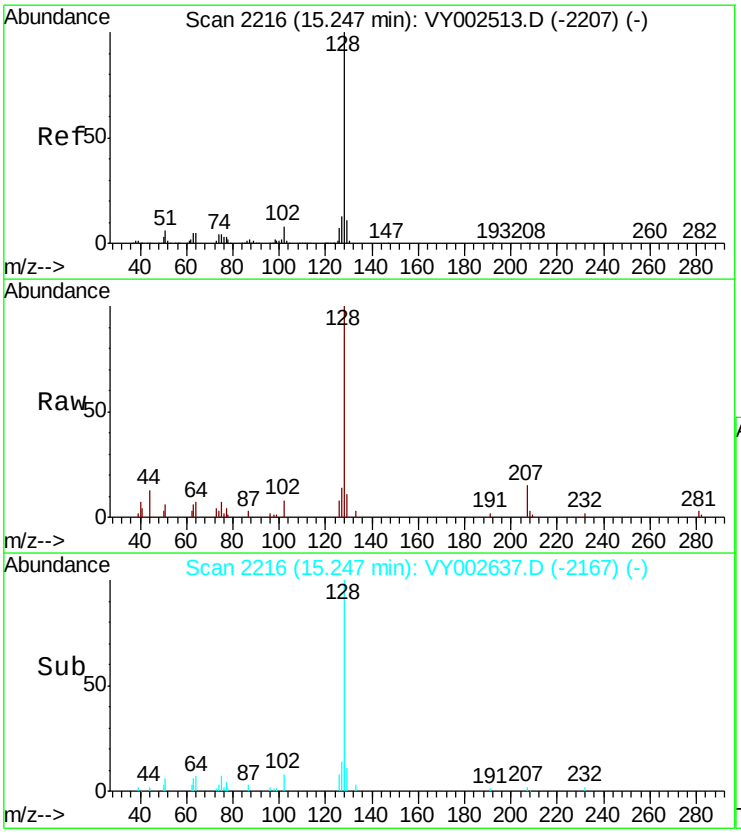
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(4-5)

Tgt Ion:152 Resp: 115663

Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.5	82.4
150	156.4	0.0	346.4

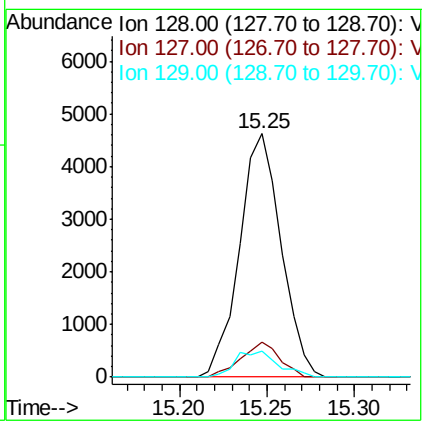


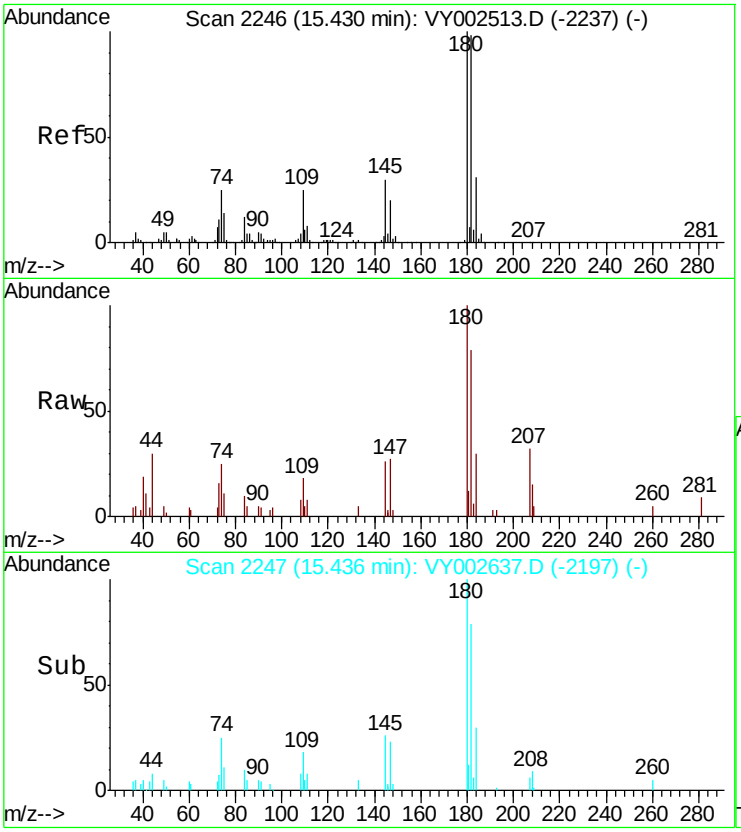


#95
Naphthalene
Concen: 1.829 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Tgt Ion:128 Resp: 7663

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 1.707 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002637.D
Acq: 08 May 2020 13:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-(4-5)

Tgt Ion:180 Resp: 3328

Ion	Ratio	Lower	Upper
180	100		
182	89.7	47.9	143.8
145	31.3	15.0	45.1