Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003183.D
Acq On : 05 Jul 2018 20:07
Operator : JC/MD
Sample : J3843-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CHRT20426

Quant Time: Jul 06 01:39:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	202385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174880	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.50%		
35) Dibromofluoromethane	5.51	113	144241	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.78%		
50) Toluene-d8	8.72	98	530918	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.54%		
62) 4-Bromofluorobenzene	11.14	95	189325	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.20%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1983	6.79	ug/l #	90
16) Acetone	2.45	43	13359	8.53	ug/l	97
18) Methyl Acetate	2.78	43	23269	5.32	ug/l	100
20) Methylene Chloride	2.86	84	17857	5.86	ug/l	95
25) 2-Butanone	4.72	43	6135	2.64	ug/l	93
30) Chloroform	5.23	83	9633	1.70	ug/l	99
95) Naphthalene	13.83	128	38690	2.79	ug/l	98

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

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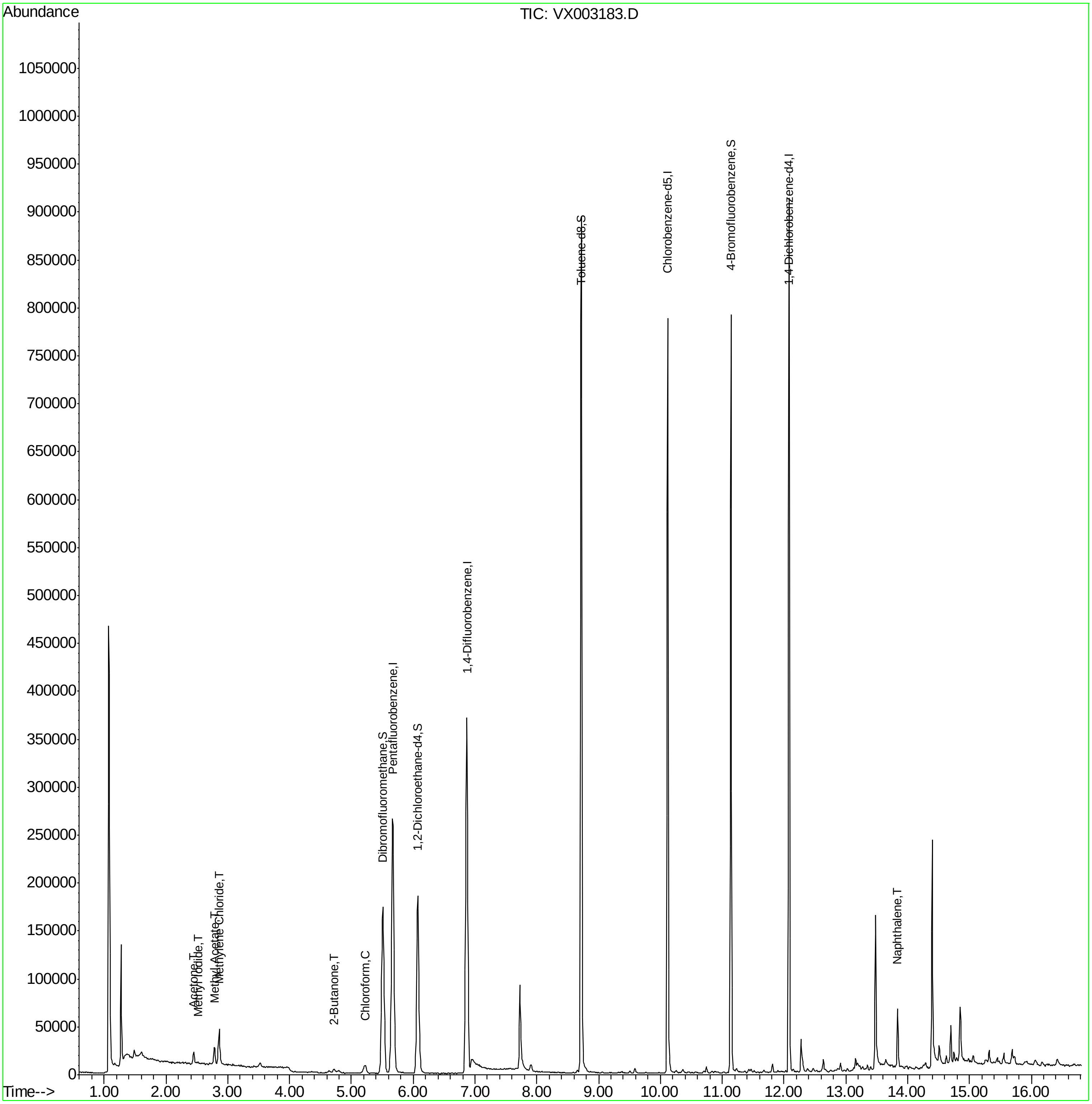
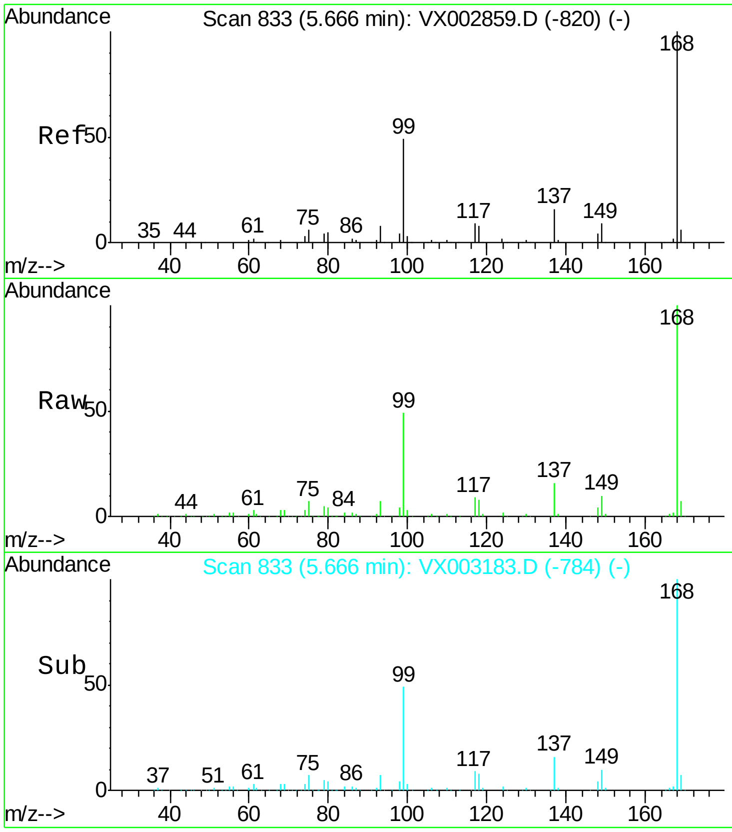


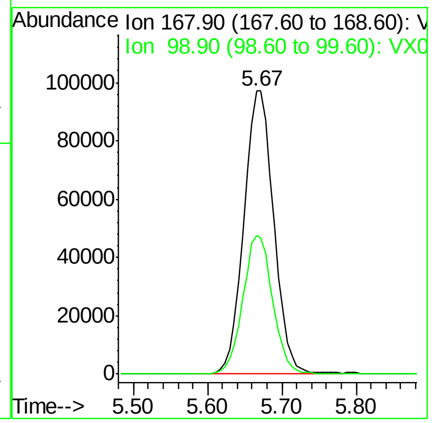


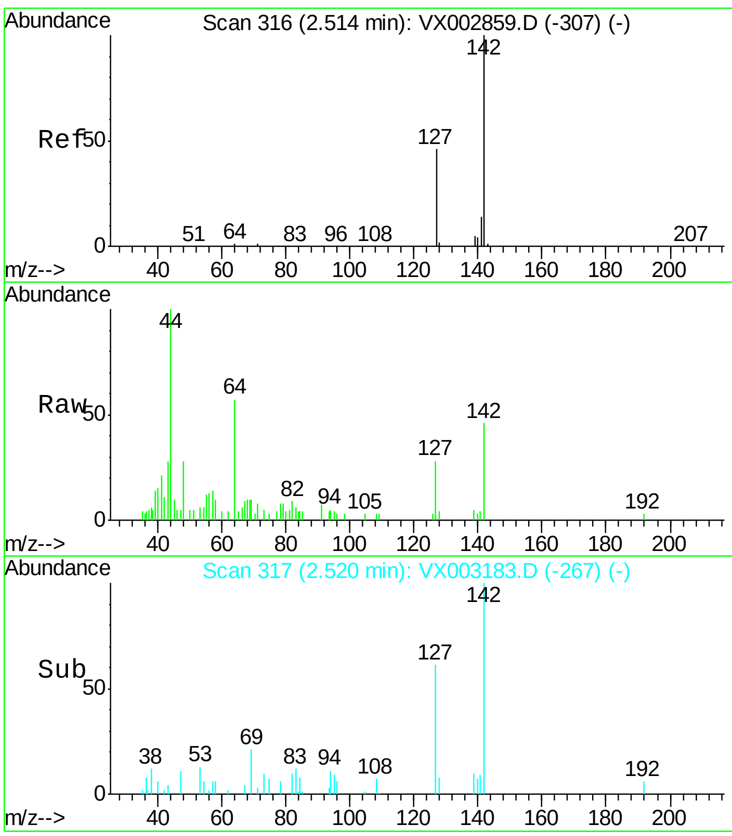
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
CHRT20426

Tgt Ion:168 Resp: 273552

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.3	58.9

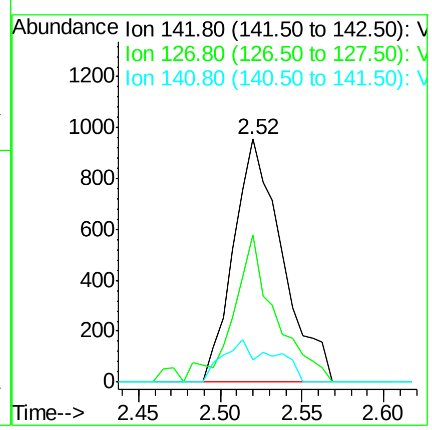


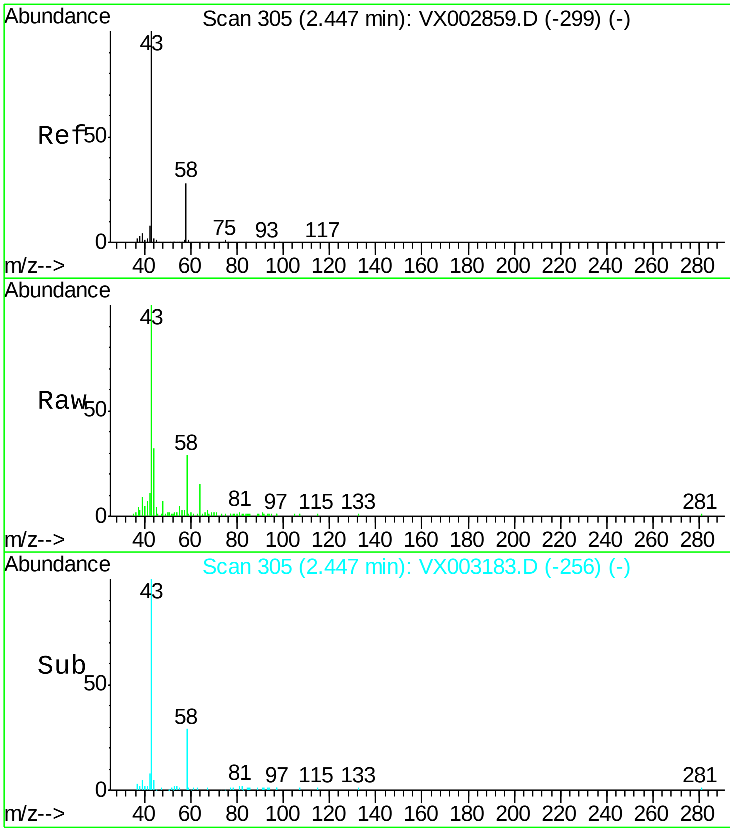


#10
Methyl Iodide
Concen: 6.79 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion:142 Resp: 1983

Ion	Ratio	Lower	Upper
142	100		
127	52.1	36.6	55.0
141	18.0	11.3	16.9#



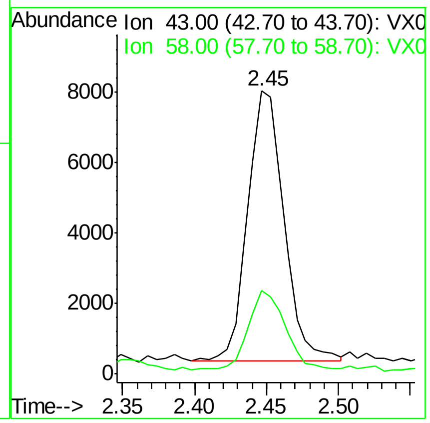


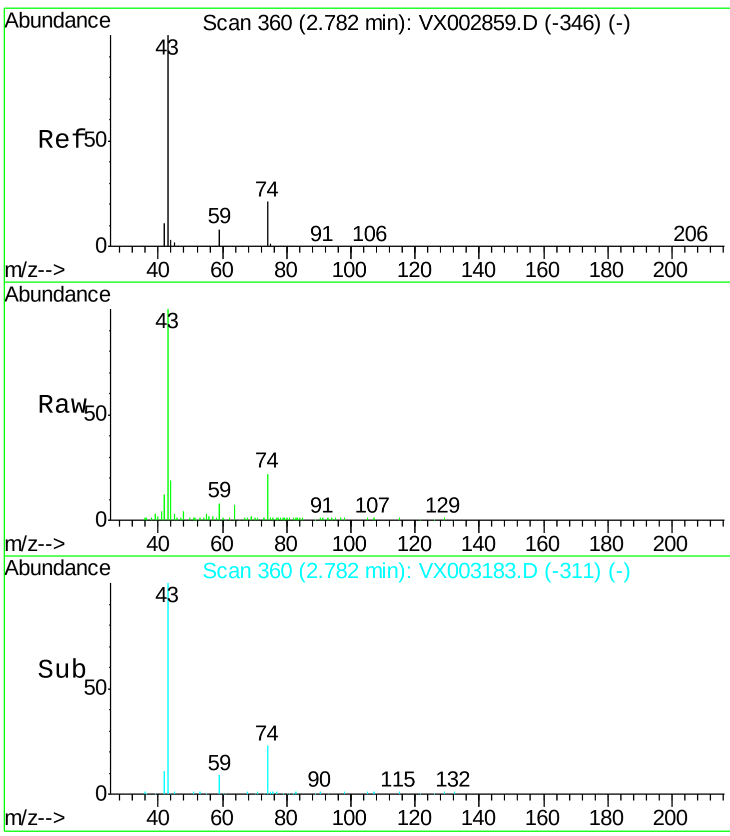
#16
Acetone
Concen: 8.53 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument : MSVOA_X
ClientSampleId : CHRT20426

Tgt Ion: 43 Resp: 13359

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.1	33.1

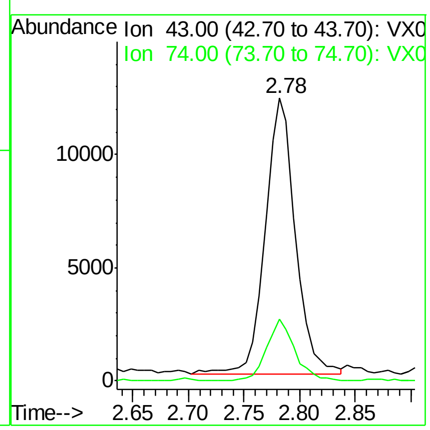


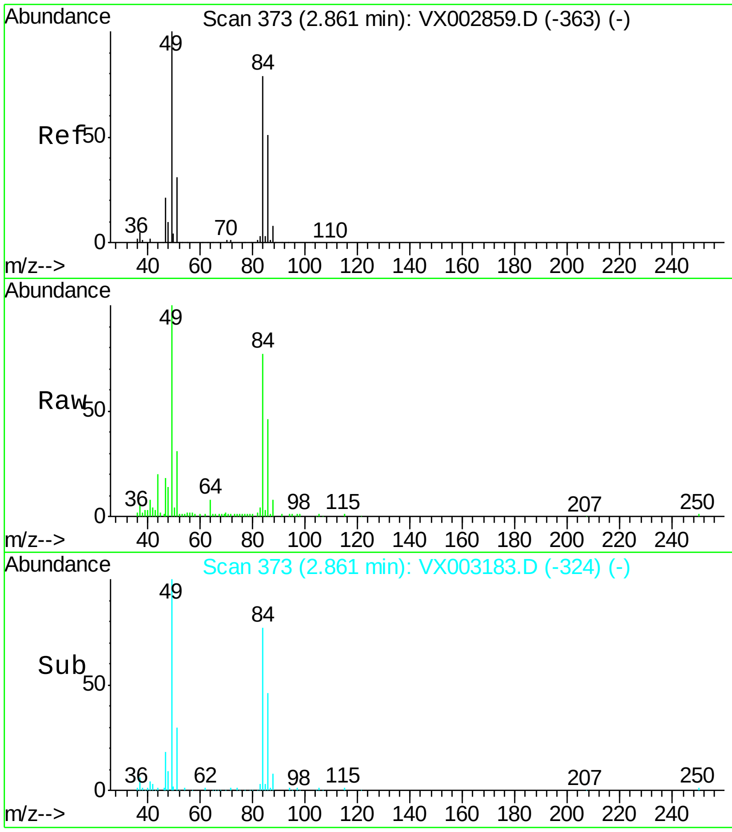


#18
Methyl Acetate
Concen: 5.32 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 43 Resp: 23269

Ion	Ratio	Lower	Upper
43	100		
74	21.0	16.7	25.1



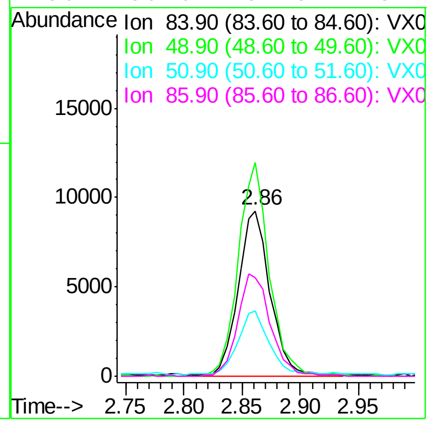


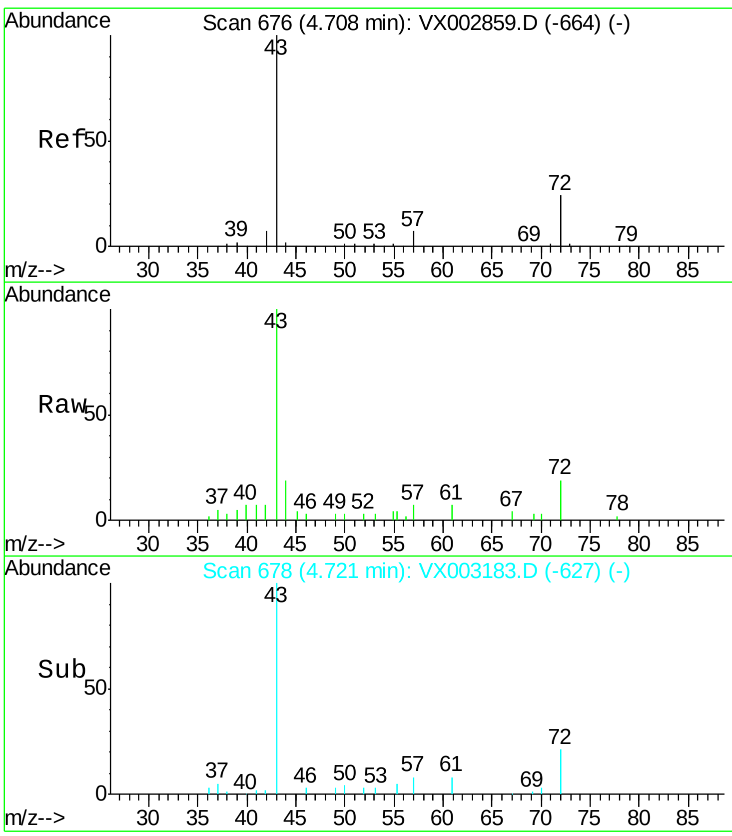
#20
Methylene Chloride
Concen: 5.86 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
CHRT20426

Tgt Ion: 84 Resp: 17857

Ion	Ratio	Lower	Upper
84	100		
49	129.4	107.8	161.6
51	38.2	32.8	49.2
86	59.6	52.5	78.7

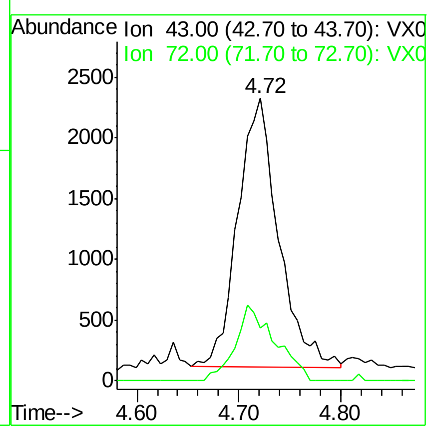




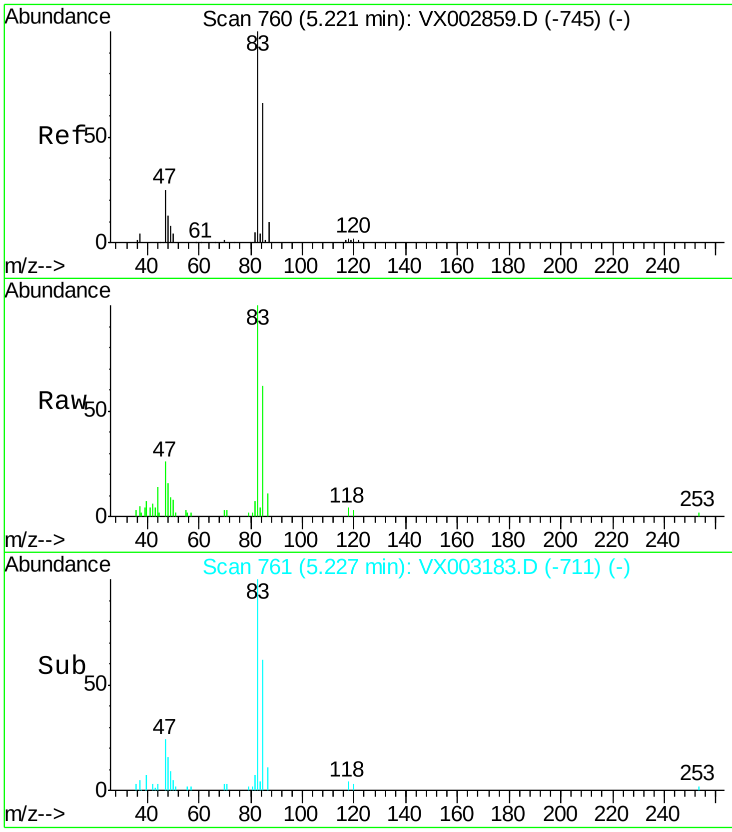
#25
2-Butanone
Concen: 2.64 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 43 Resp: 6135

Ion	Ratio	Lower	Upper
43	100		
72	19.5	18.5	27.7



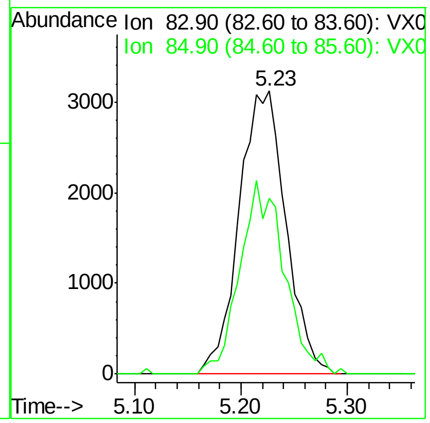
Instrument :
MSVOA_X
ClientSampleId :
CHRT20426

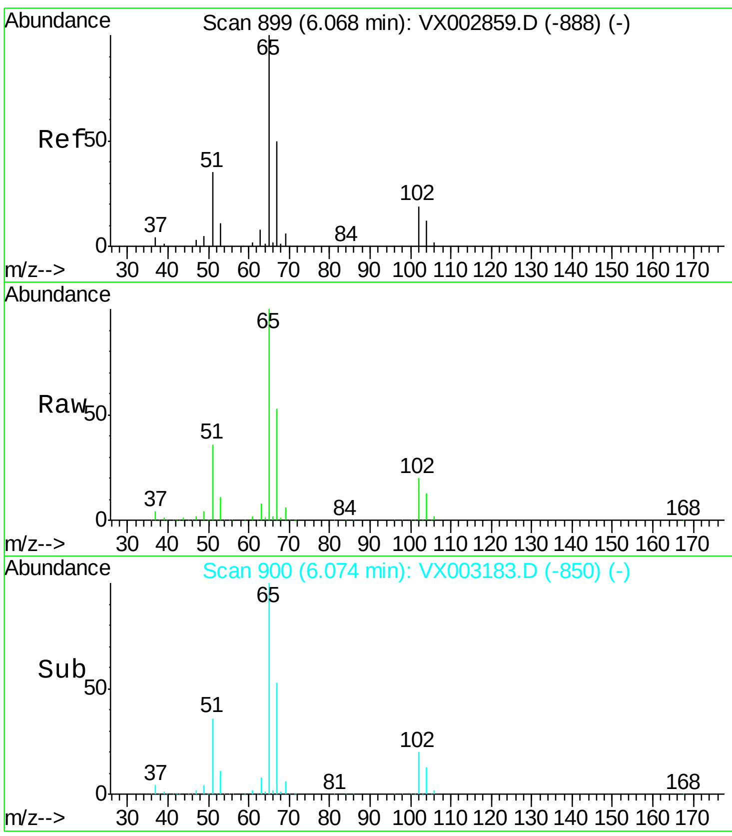


#30
Chloroform
Concen: 1.70 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 83 Resp: 9633

Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.4	75.6

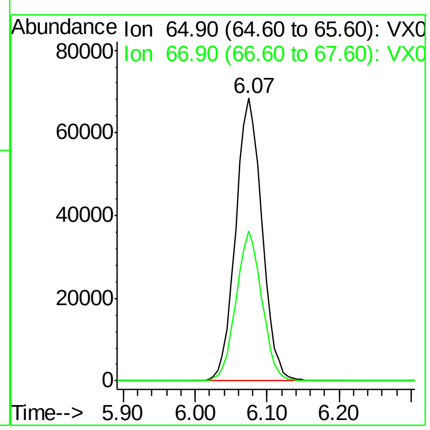


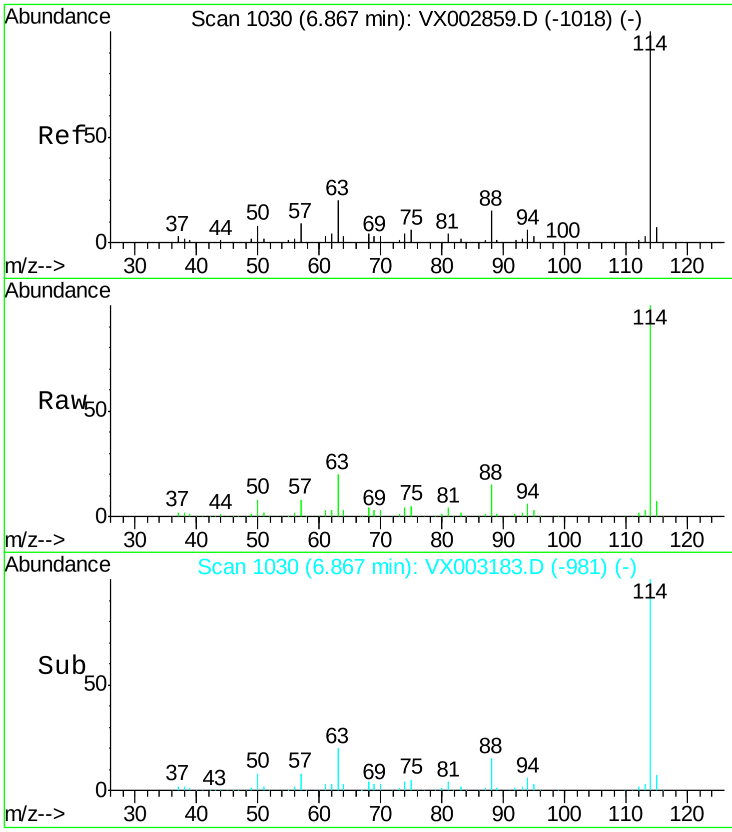


#33
1,2-Dichloroethane-d4
Concen: 46.25 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 65 Resp: 174880

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6



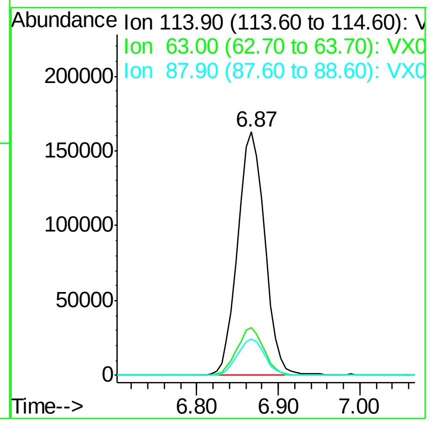


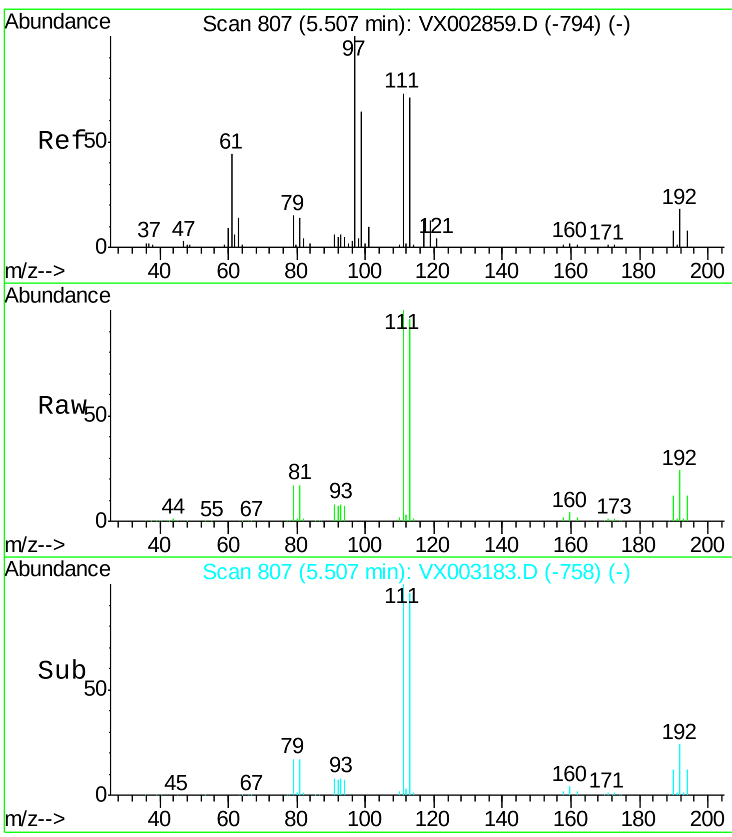
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
CHRT20426

Tgt Ion:114 Resp: 376424

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.4
88	14.9	0.0	30.0

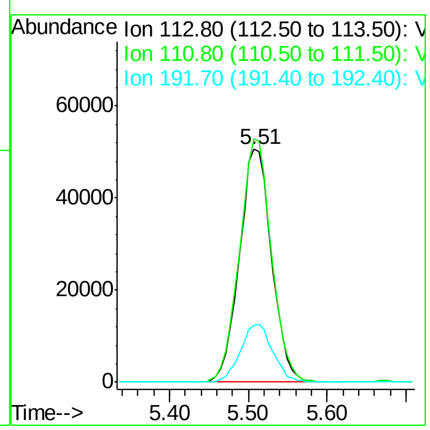


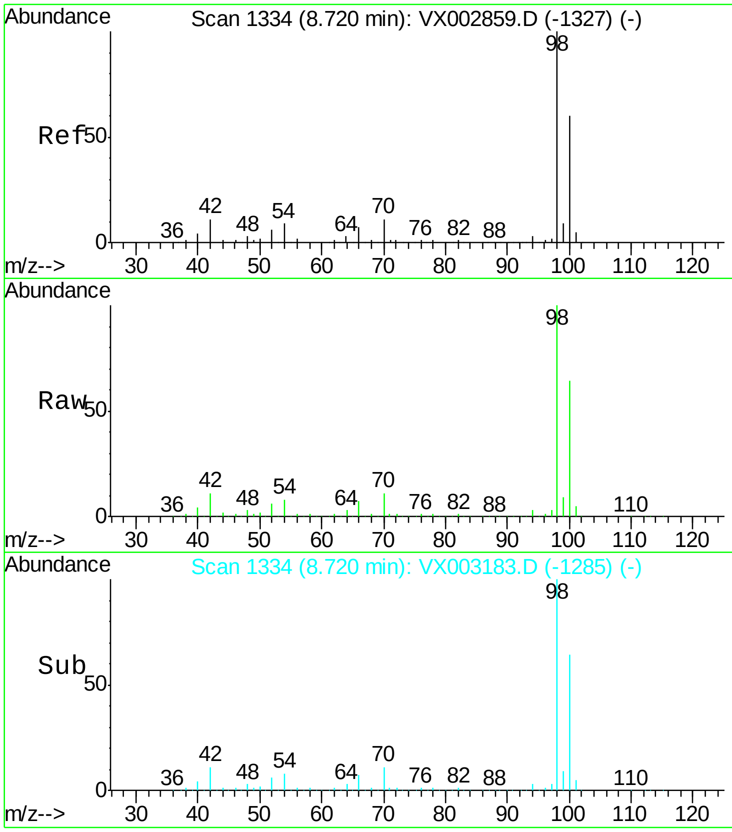


#35
Dibromofluoromethane
Concen: 48.39 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion:113 Resp: 144241

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	24.8	19.1	28.7



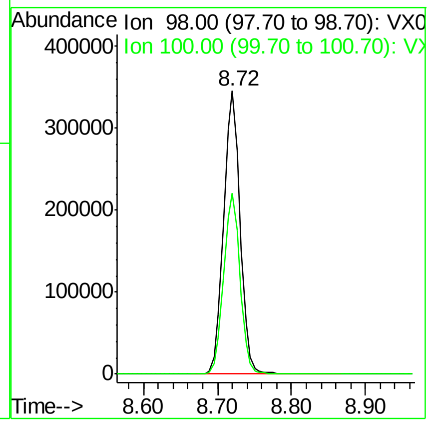


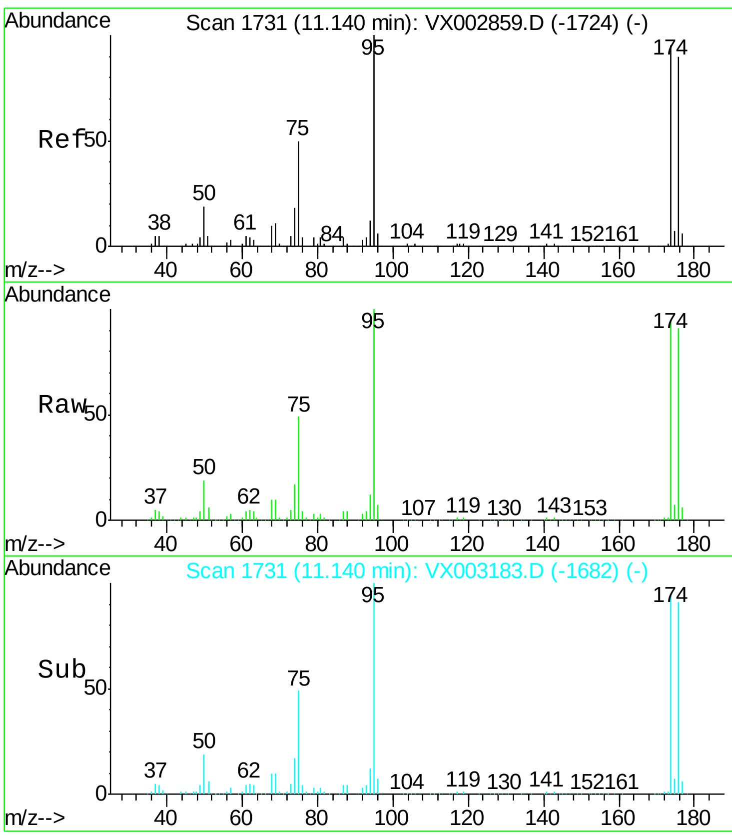
#50
Toluene-d8
Concen: 48.77 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
CHRT20426

Tgt Ion: 98 Resp: 530918

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3

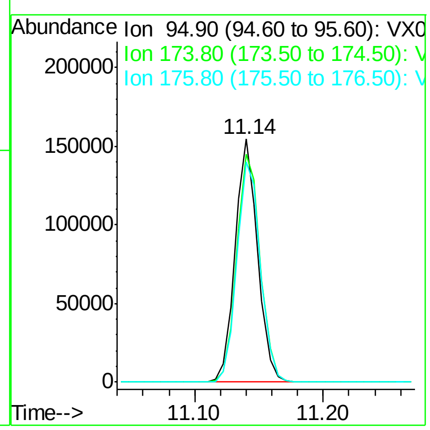


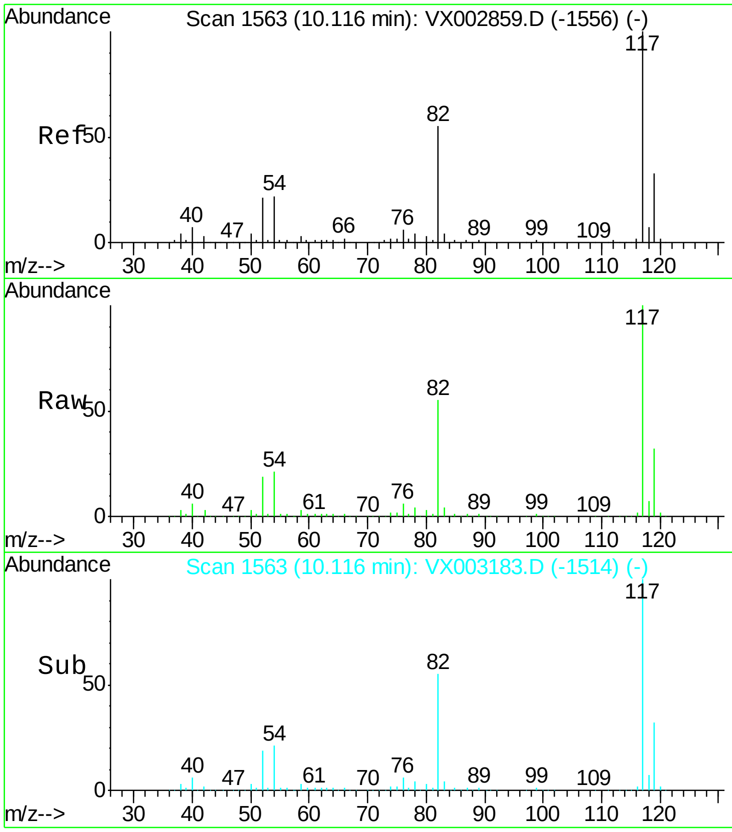


#62
4-Bromofluorobenzene
Concen: 45.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018 20:07

Tgt Ion: 95 Resp: 189325

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	187.4
176	94.5	0.0	181.0



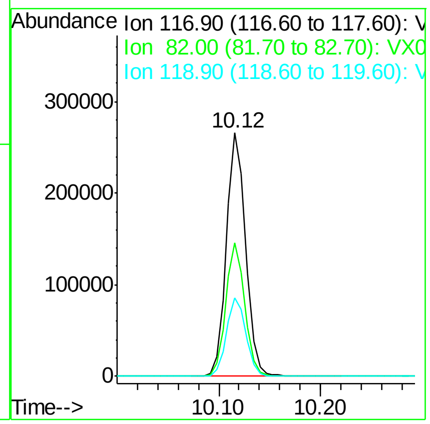


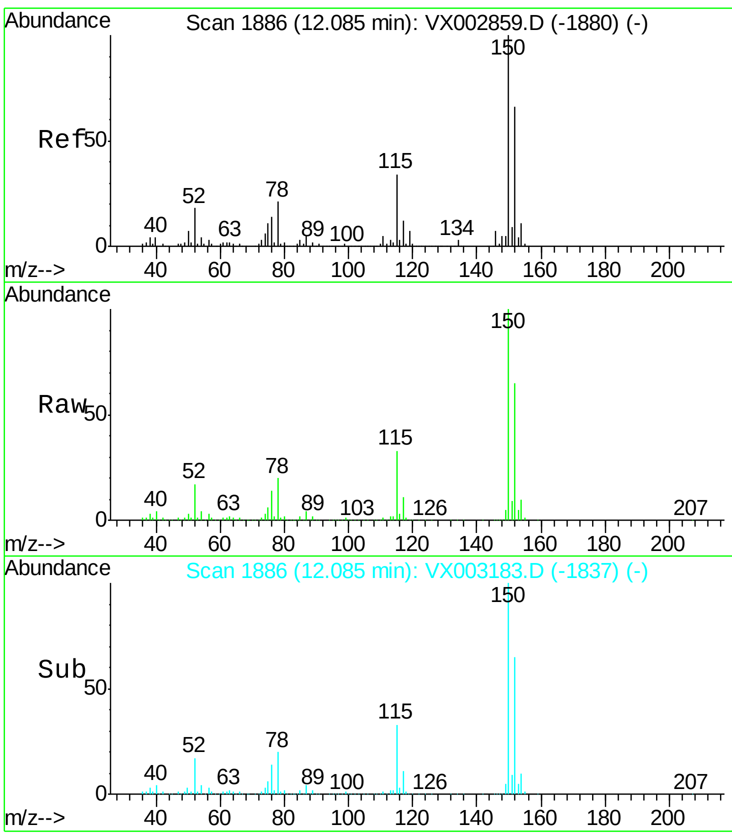
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min   Scan# 1563
Delta R.T.   0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018   20:07

Instrument :
MSVOA_X
ClientSampleId :
CHRT20426

Tgt Ion:117 Resp: 349437

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.0	67.4
119	32.4	25.8	38.6

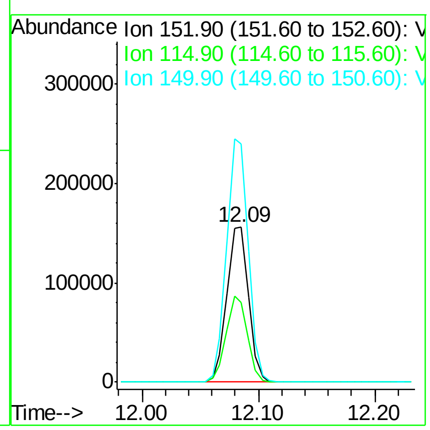


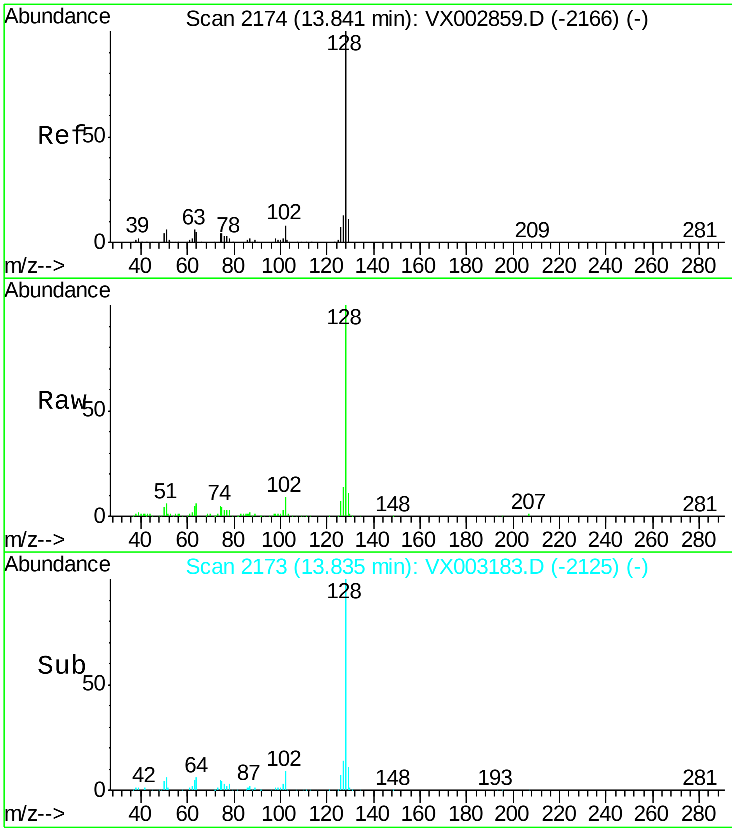


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min   Scan# 1886
Delta R.T.   0.00 min
Lab File: VX003183.D
Acq: 05 Jul 2018   20:07

Tgt Ion:152 Resp: 202385

Ion	Ratio	Lower	Upper
152	100		
115	53.9	40.1	120.2
150	155.9	0.0	347.2





#95
Naphthalene
Concen: 2.79 ug/l
RT: 13.83 min   Scan# 2173
Delta R.T.   -0.01 min
Lab File: VX003183.D
Acq: 05 Jul 2018   20:07

Instrument :
MSVOA_X
ClientSampleId :
CHRT20426

Tgt Ion:128 Resp: 38690

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	11.5	8.6	13.0