Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX010018.D
Acq On : 01 Jun 2019 05:15
Operator : JC/SP
Sample : K3129-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF012RW162-190529

Quant Time: Jun 01 07:02:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	170521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	113635	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.36%			
35) Dibromofluoromethane	5.50	113	83979	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.58%			
50) Toluene-d8	8.71	98	343519	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.30%			
62) 4-Bromofluorobenzene	11.13	95	118370	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.26%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.41	62	148804	58.925	ug/l	99
12) 1,1-Dichloroethene	2.38	96	1696	0.982	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	411917	185.713	ug/l	86
40) Benzene	6.15	78	7309	0.896	ug/l	97
44) Trichloroethene	7.21	130	4507	2.275	ug/l	99
65) Chlorobenzene	10.13	112	72754	14.140	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	5588	1.545	ug/l	94

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

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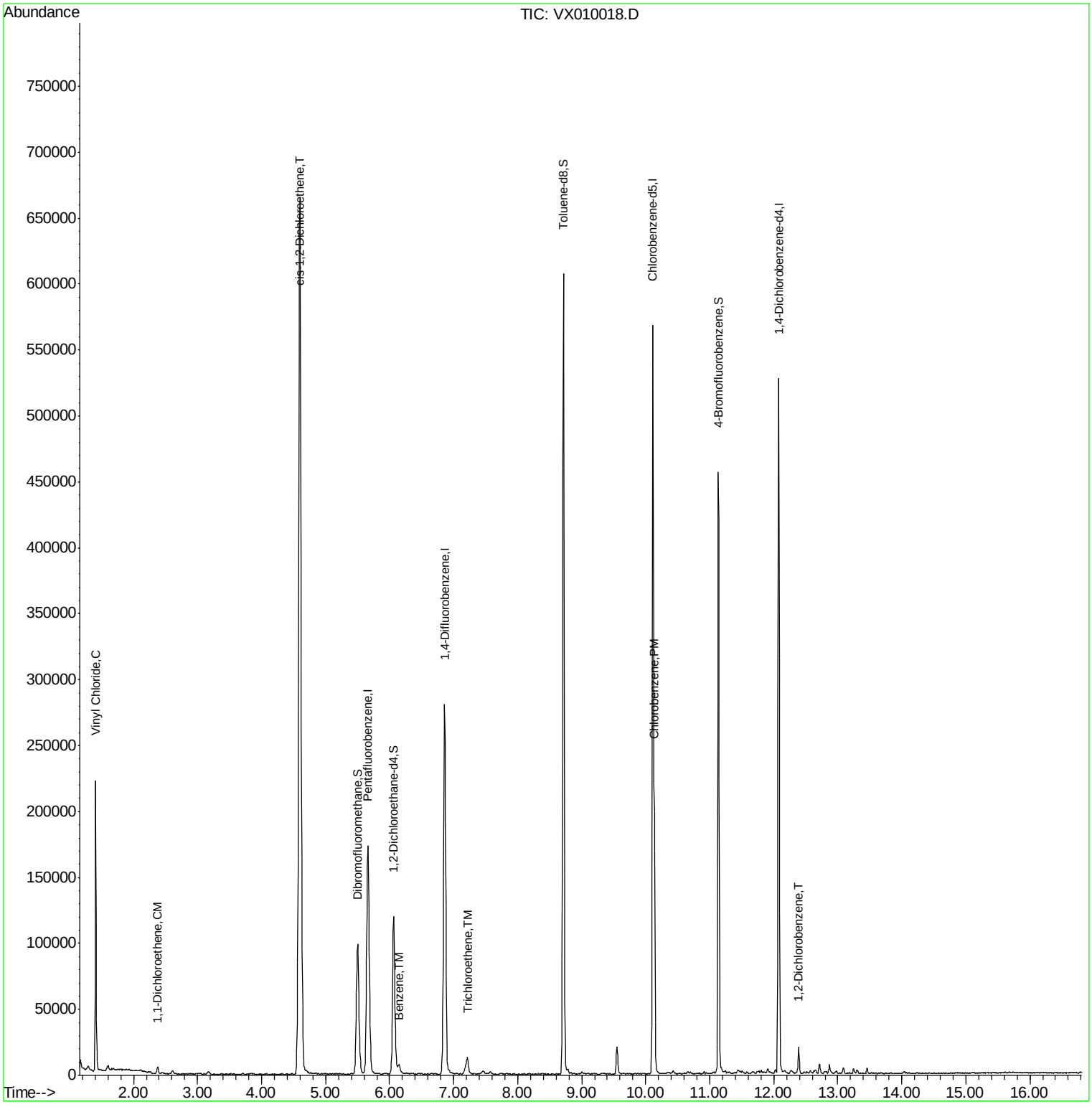
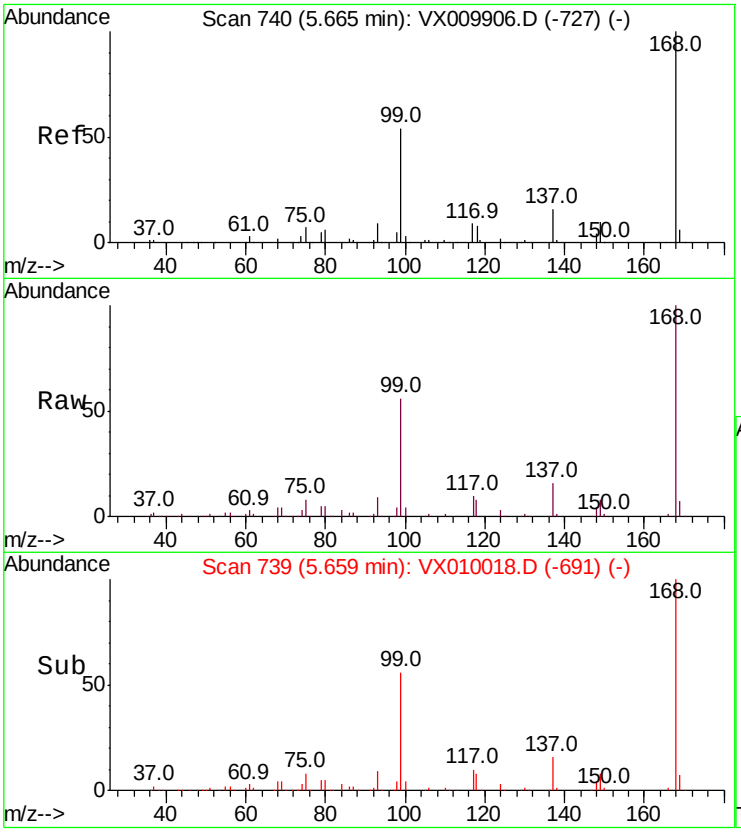


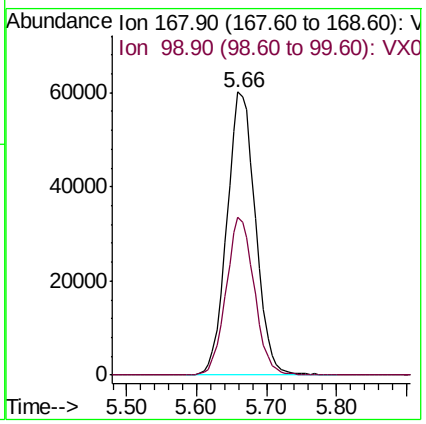


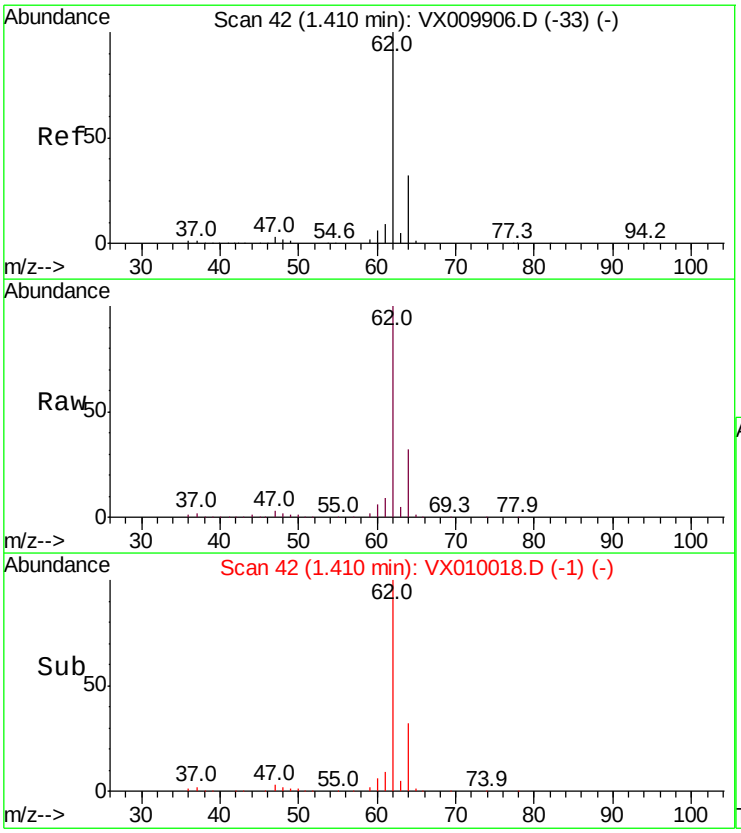
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-190529

Tgt Ion:168 Resp: 170521

Ion	Ratio	Lower	Upper
168	100		
99	55.7	43.0	64.6

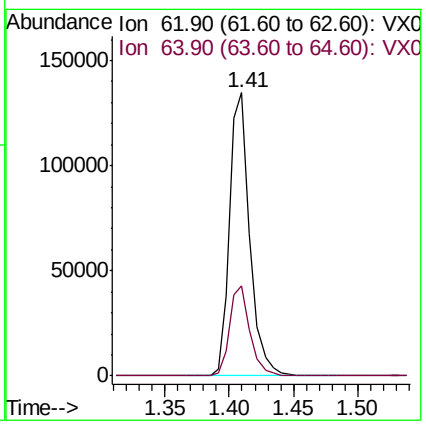


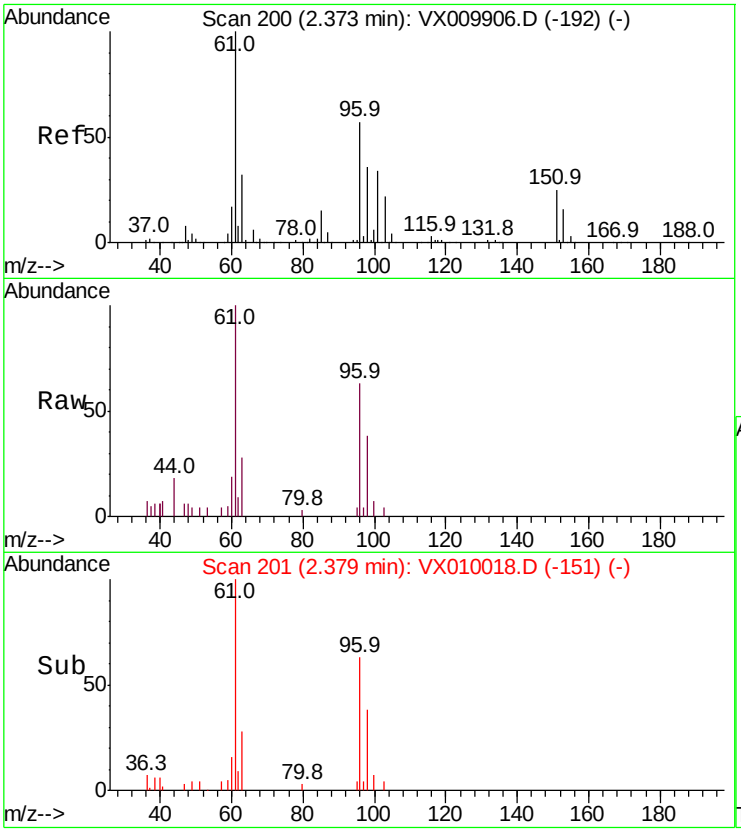


#4
Vinyl Chloride
Concen: 58.925 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Tgt Ion: 62 Resp: 148804

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.7	38.5



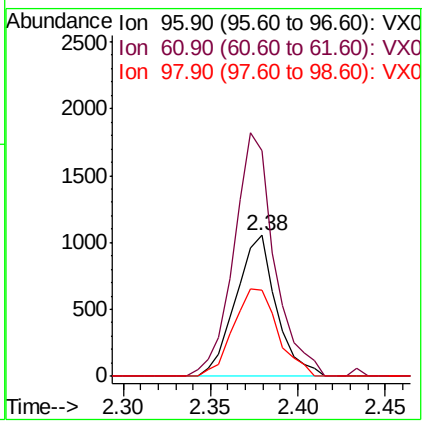


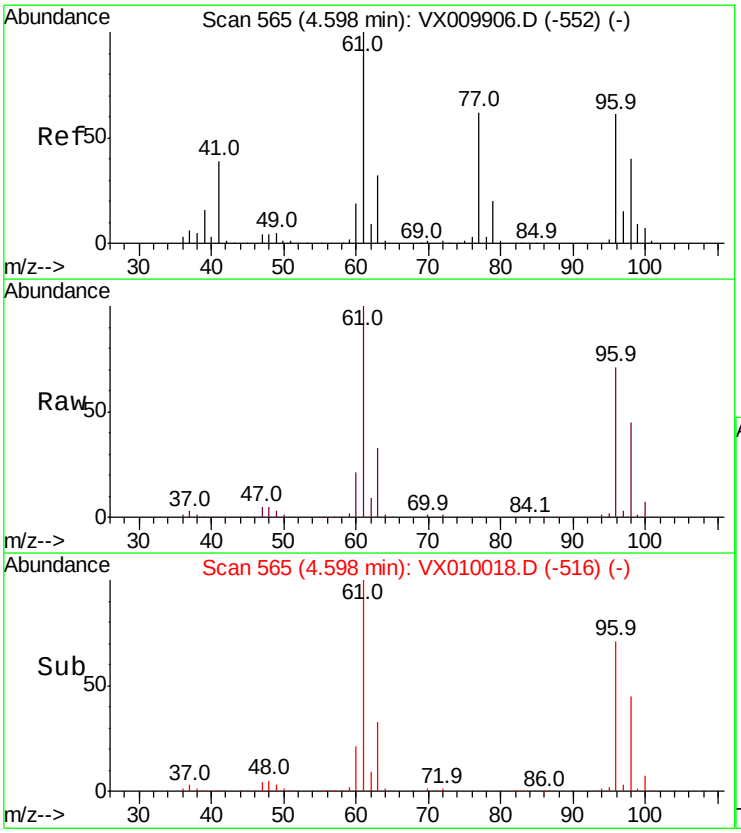
#12
1,1-Dichloroethene
Concen: 0.982 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-190529

Tgt Ion: 96 Resp: 1696

Ion	Ratio	Lower	Upper
96	100		
61	160.0	140.7	211.1
98	60.9	50.1	75.1

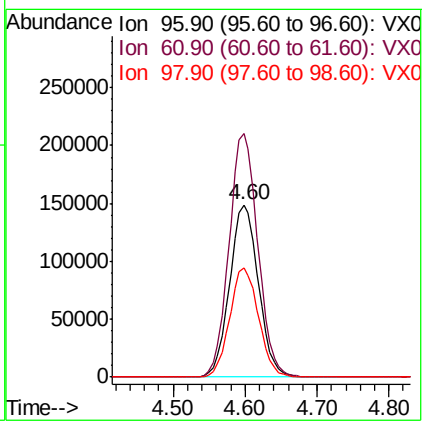


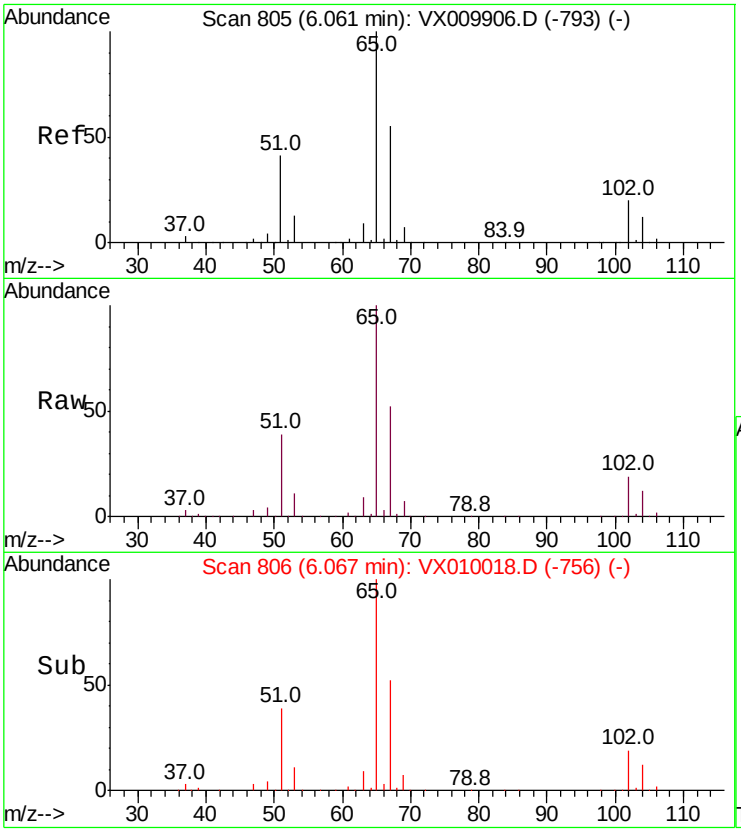


#27
cis-1,2-Dichloroethene
Concen: 185.713 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Tgt Ion: 96 Resp: 411917

Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	334.0
98	63.8	0.0	131.6



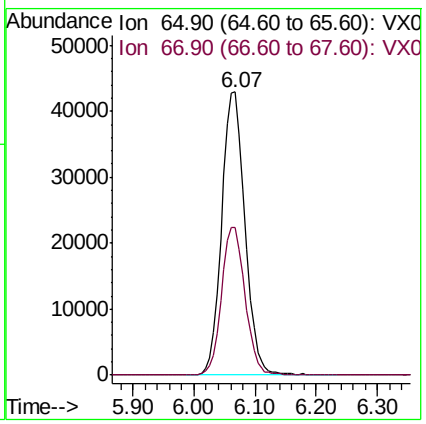


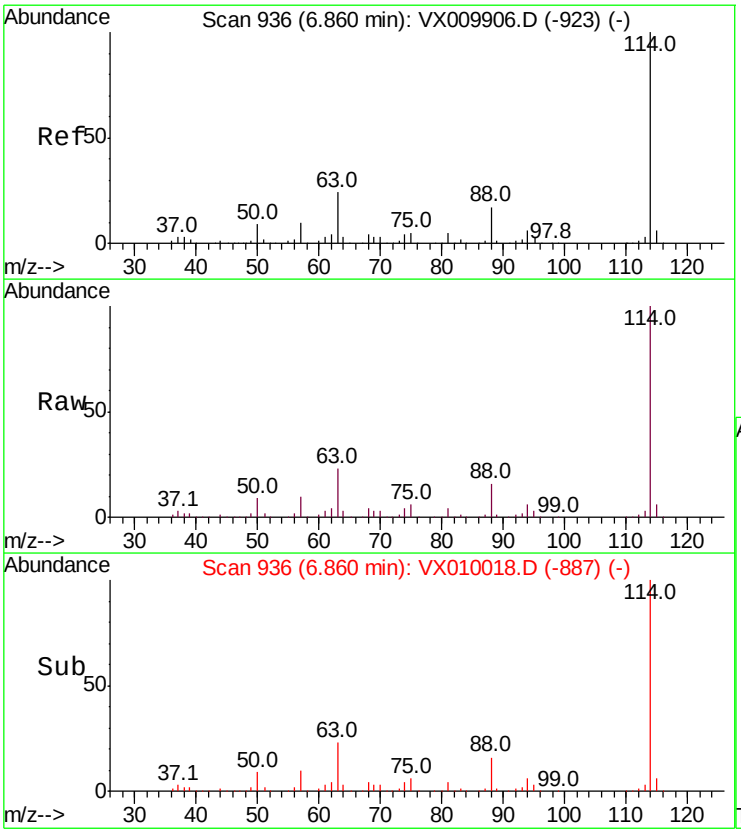
#33
1,2-Dichloroethane-d4
Concen: 47.176 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-190529

Tgt Ion: 65 Resp: 113635

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	108.4

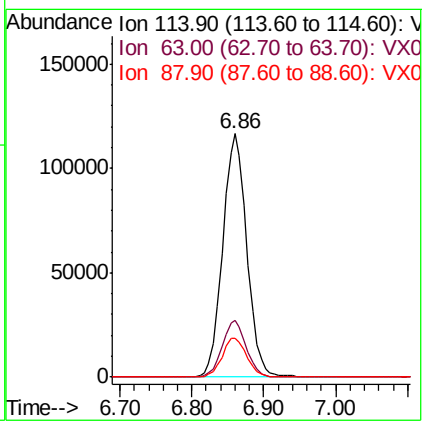


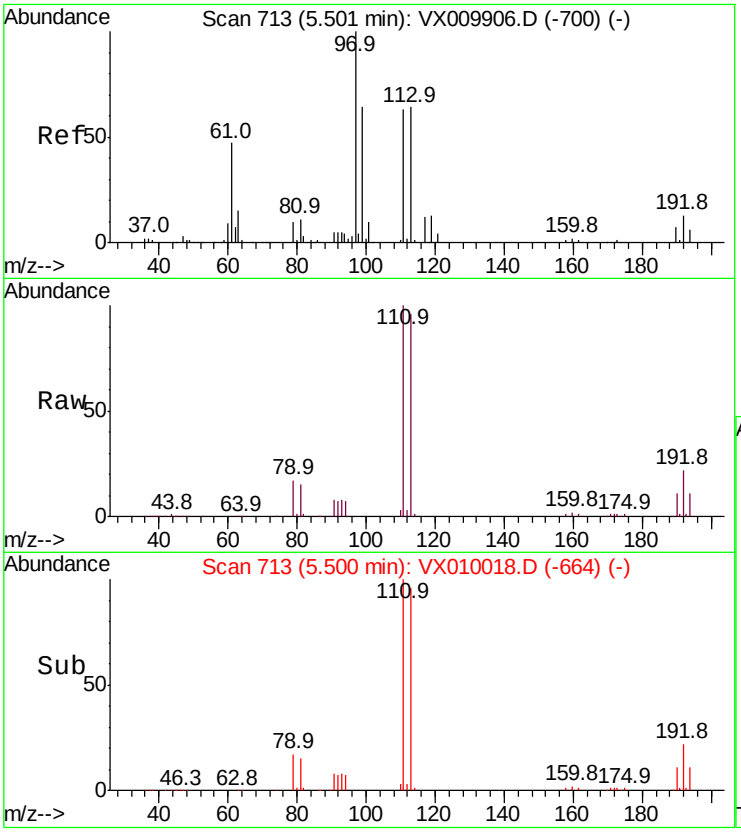


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Tgt Ion:114 Resp: 271016

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	47.4
88	16.0	0.0	33.0



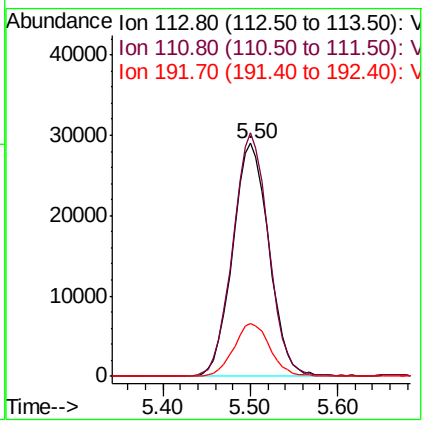


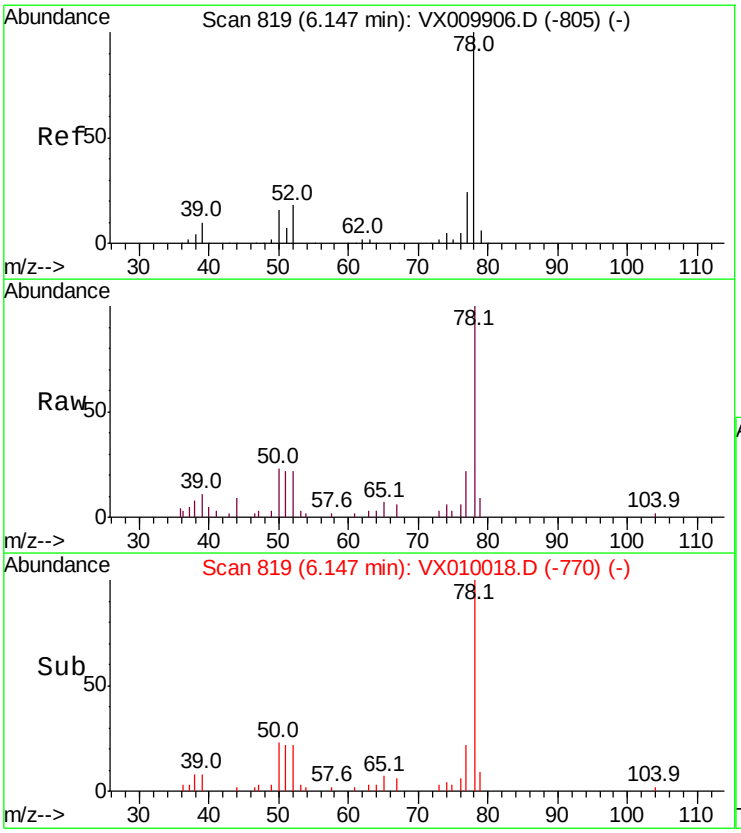
#35
Dibromofluoromethane
Concen: 49.287 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-190529

Tgt Ion:113 Resp: 83979

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	22.6	17.1	25.7

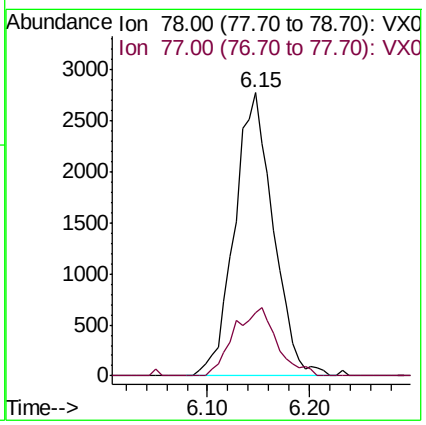


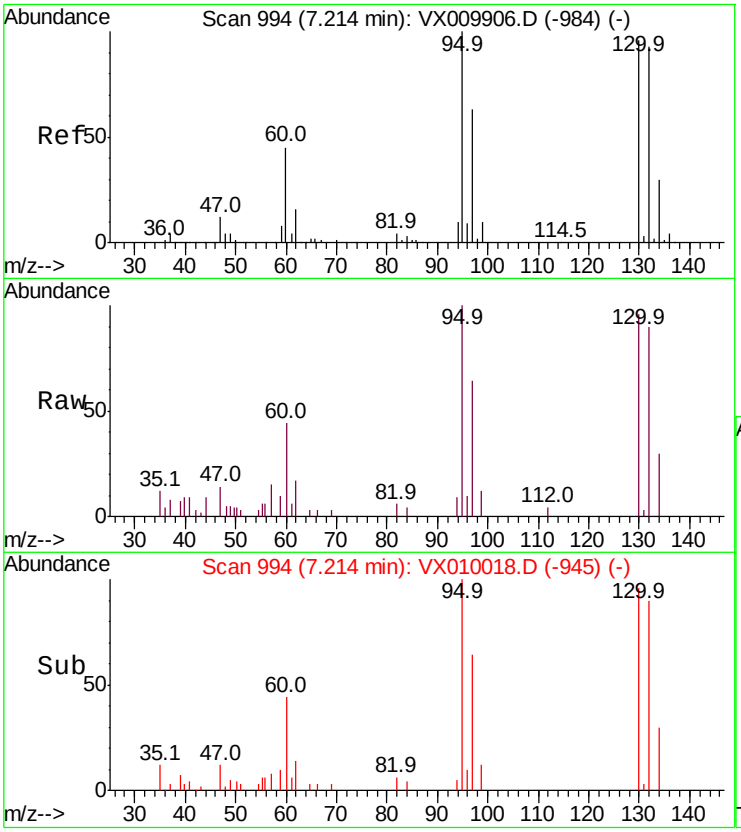


#40
Benzene
Concen: 0.896 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Tgt Ion: 78 Resp: 7309

Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.2	28.8



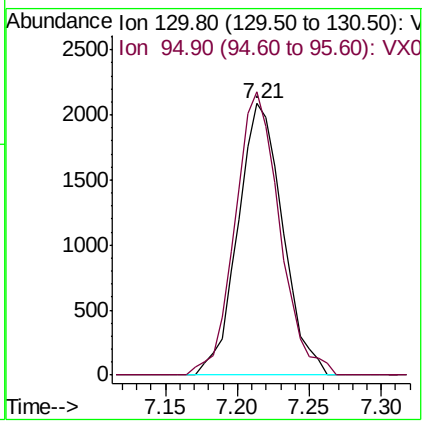


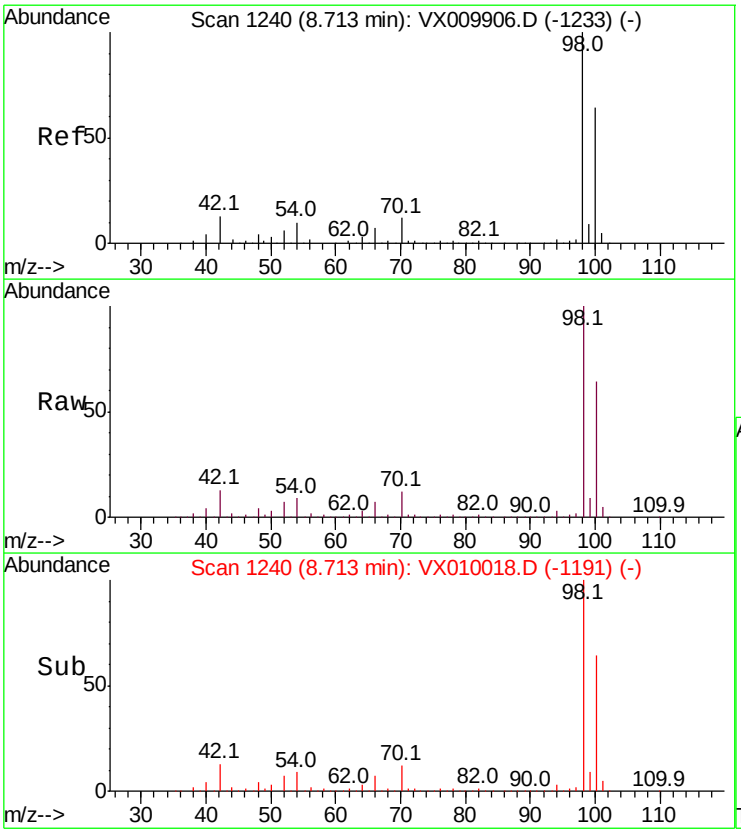
#44
Trichloroethene
Concen: 2.275 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-190529

Tgt Ion:130 Resp: 4507

Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	207.4

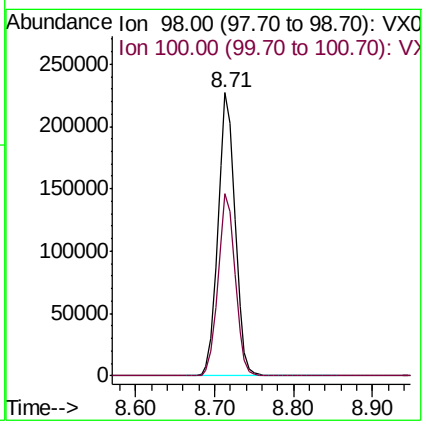


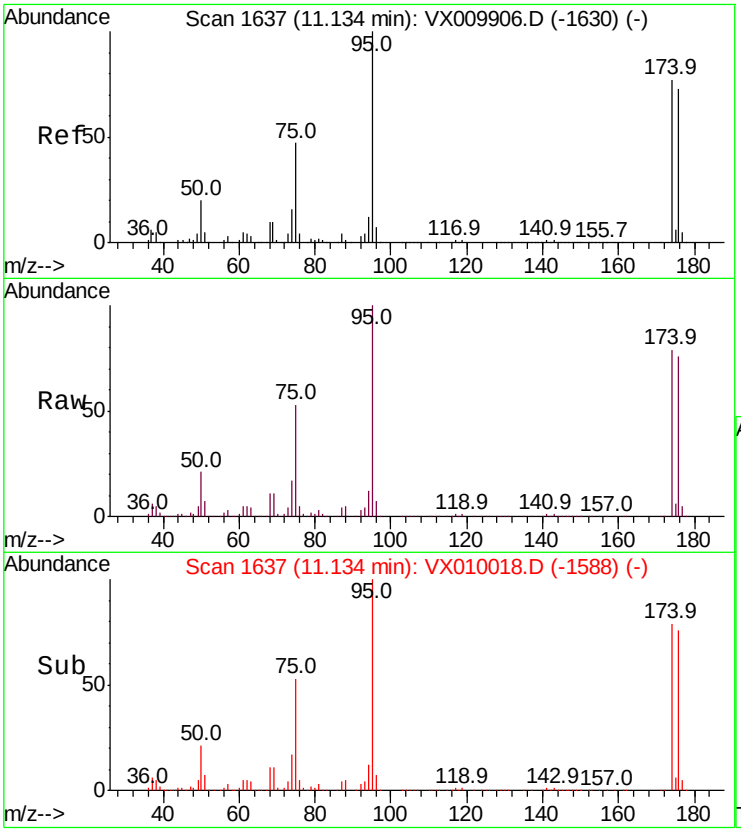


#50
Toluene-d8
Concen: 49.648 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Tgt Ion: 98 Resp: 343519

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3



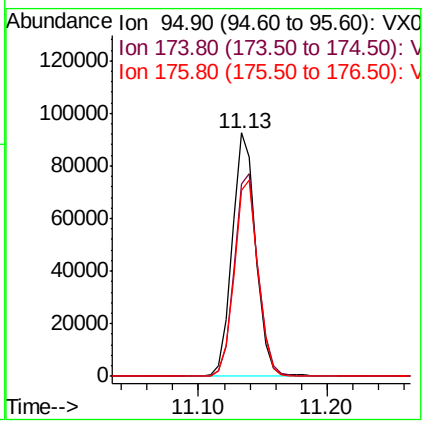


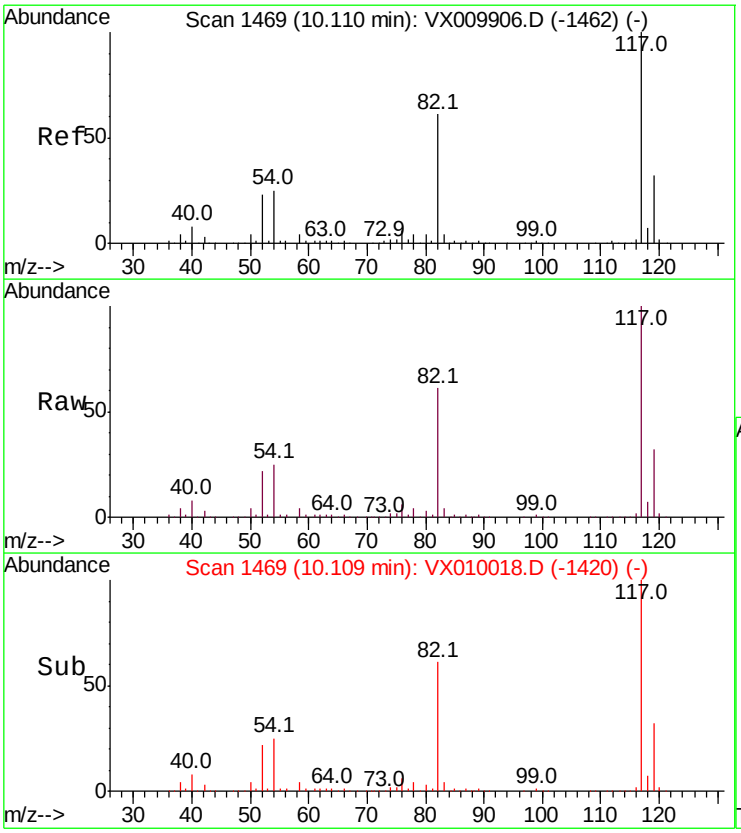
#62
4-Bromofluorobenzene
Concen: 47.630 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-190529

Tgt Ion: 95 Resp: 118370

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	160.4
176	80.6	0.0	154.6

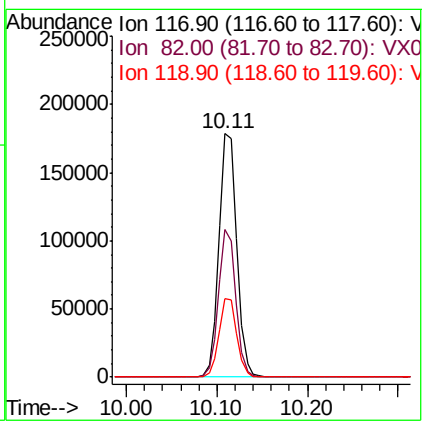


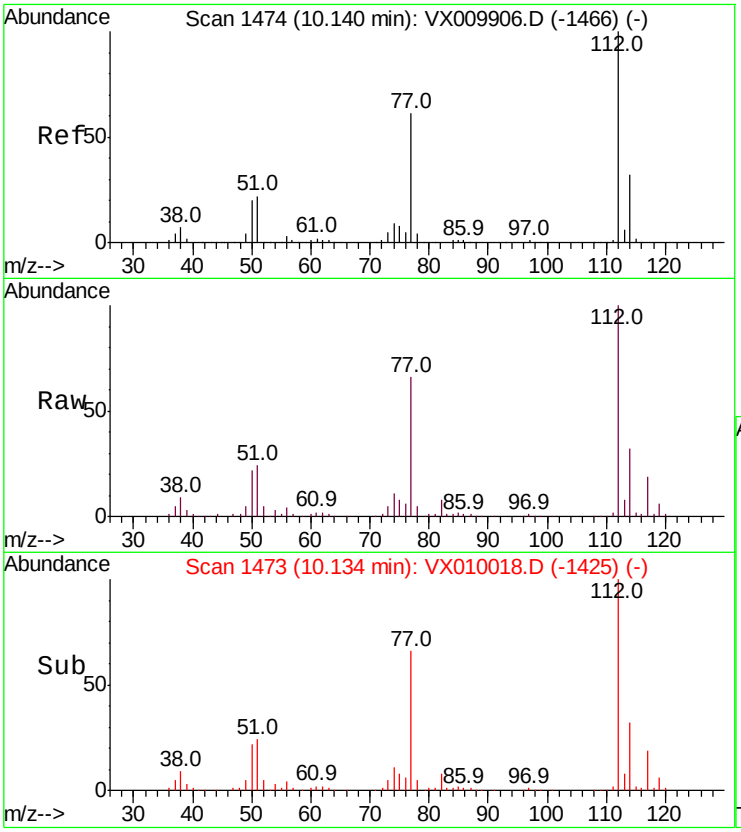


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Tgt Ion:117 Resp: 245773

Ion	Ratio	Lower	Upper
117	100		
82	60.6	49.2	73.8
119	32.1	25.2	37.8



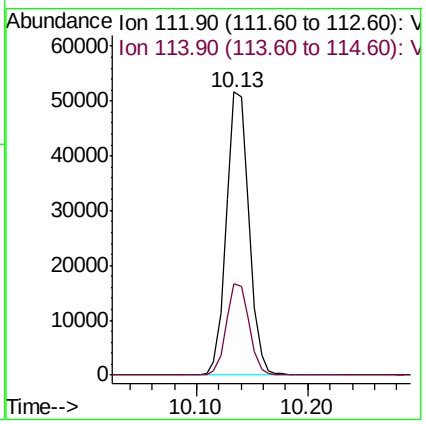


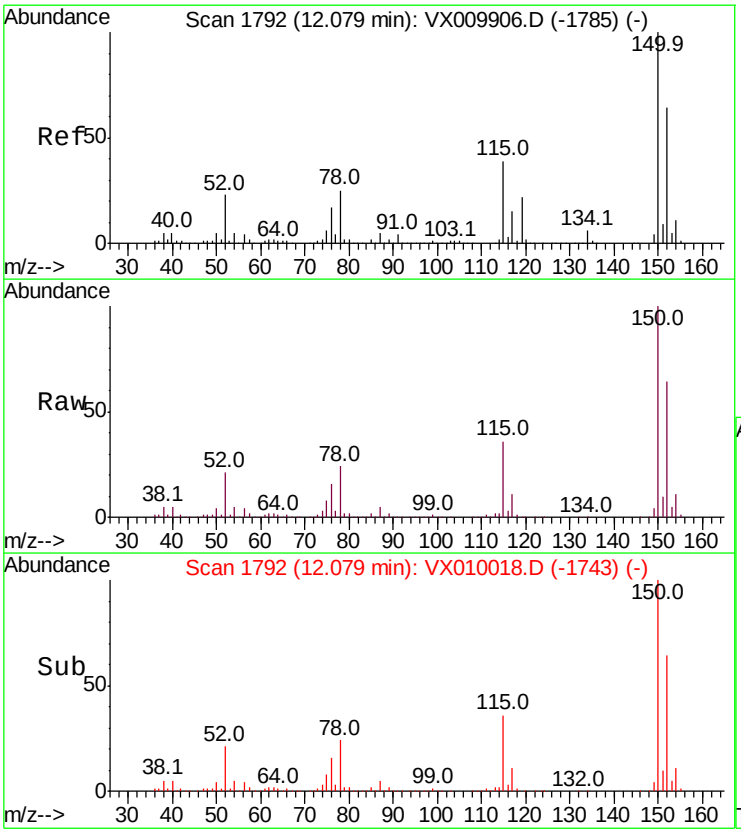
#65
Chlorobenzene
Concen: 14.140 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-190529

Tgt Ion:112 Resp: 72754

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.8

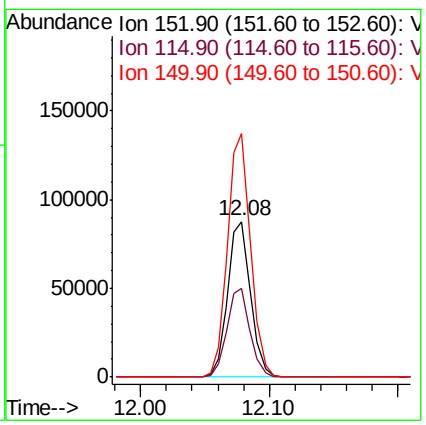


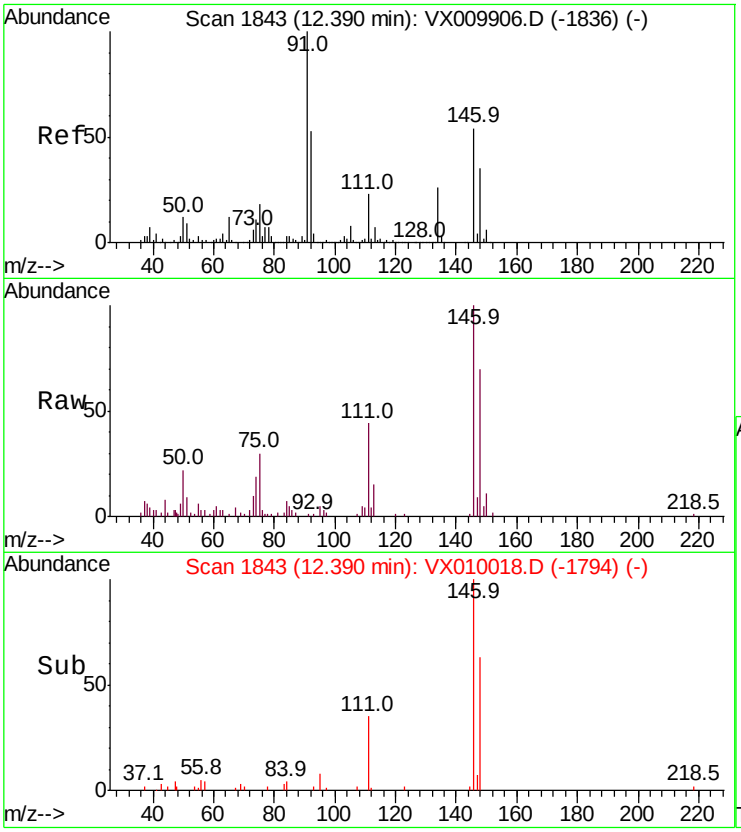


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Tgt Ion:152 Resp: 109581

Ion	Ratio	Lower	Upper
152	100		
115	57.4	41.4	124.2
150	157.8	0.0	345.2





#91
1,2-Dichlorobenzene
Concen: 1.545 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010018.D
Acq: 01 Jun 2019 05:15

Instrument :
MSVOA_X
ClientSampleId :
LF012RW162-190529

Tgt Ion:146 Resp: 5588

Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.1	63.1
148	70.1	32.3	96.8