Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
Data File : VX008706.D
Acq On : 06 Apr 2019 00:45
Operator : JC/SP
Sample : K2296-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S8-0702

Quant Time: Apr 06 03:48:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	209578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143495	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.88%			
35) Dibromofluoromethane	5.50	113	105068	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.18%			
50) Toluene-d8	8.71	98	441234	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.32%			
62) 4-Bromofluorobenzene	11.13	95	149366	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.82%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	3748	1.149	ug/l	90
11) Tert butyl alcohol	3.03	59	3245	4.534	ug/l #	94
16) Acetone	2.44	43	4809	2.731	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	97368	32.314	ug/l	89
31) Cyclohexane	5.58	56	15854	3.002	ug/l	97
39) Methylcyclohexane	7.46	83	2478	0.526	ug/l	93
40) Benzene	6.14	78	29822	2.624	ug/l	97
65) Chlorobenzene	10.14	112	3619	0.535	ug/l	100
85) sec-Butylbenzene	11.94	105	3262	0.317	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	1478	0.323	ug/l	95

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

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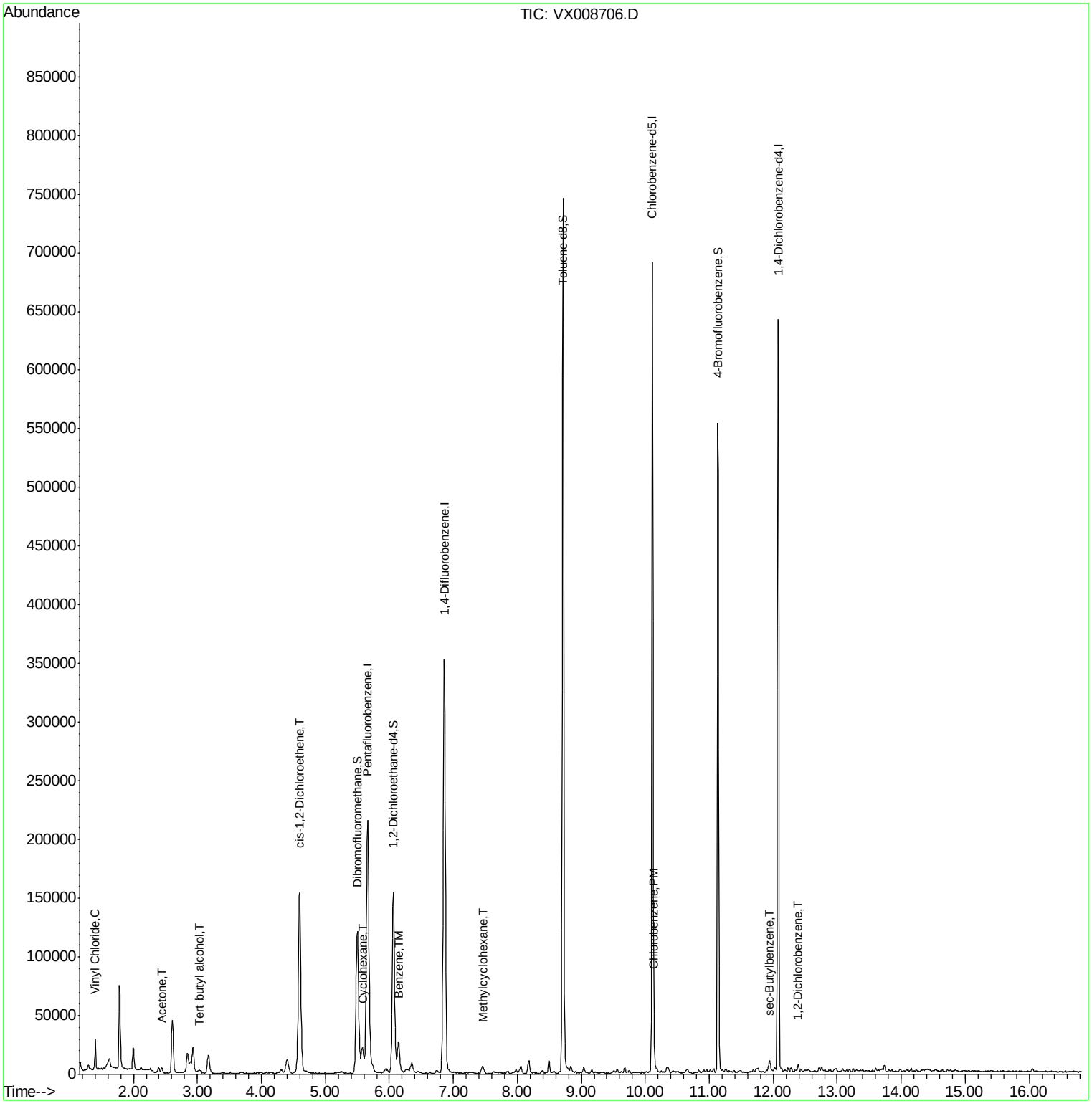
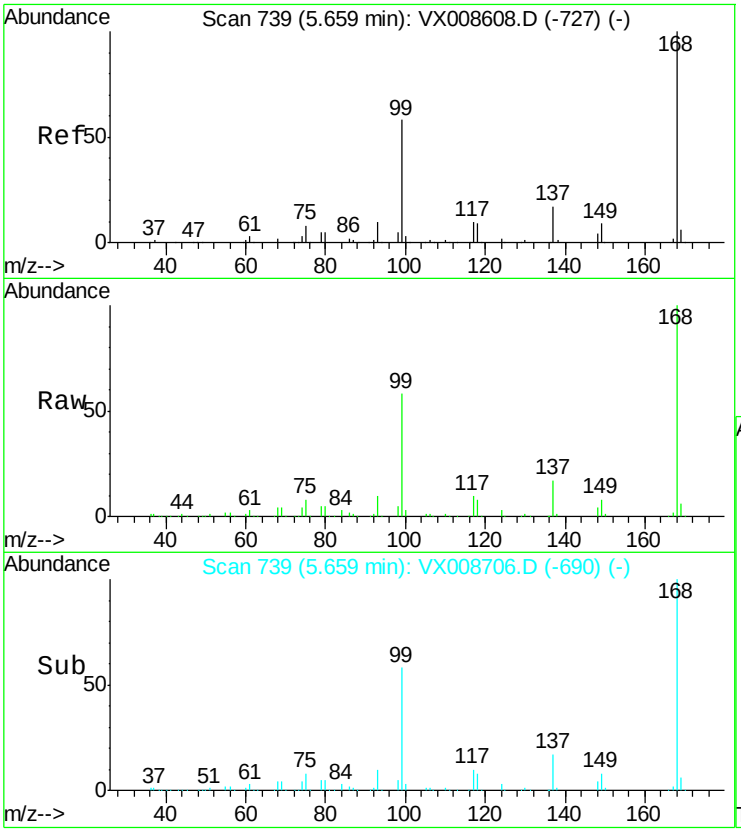


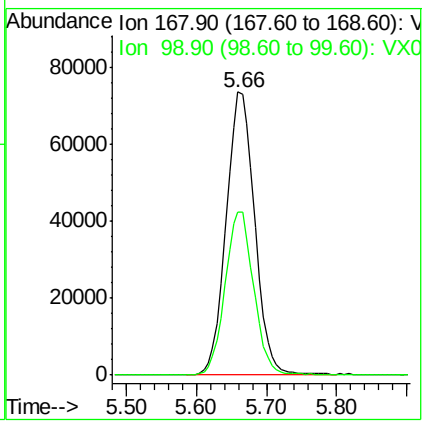


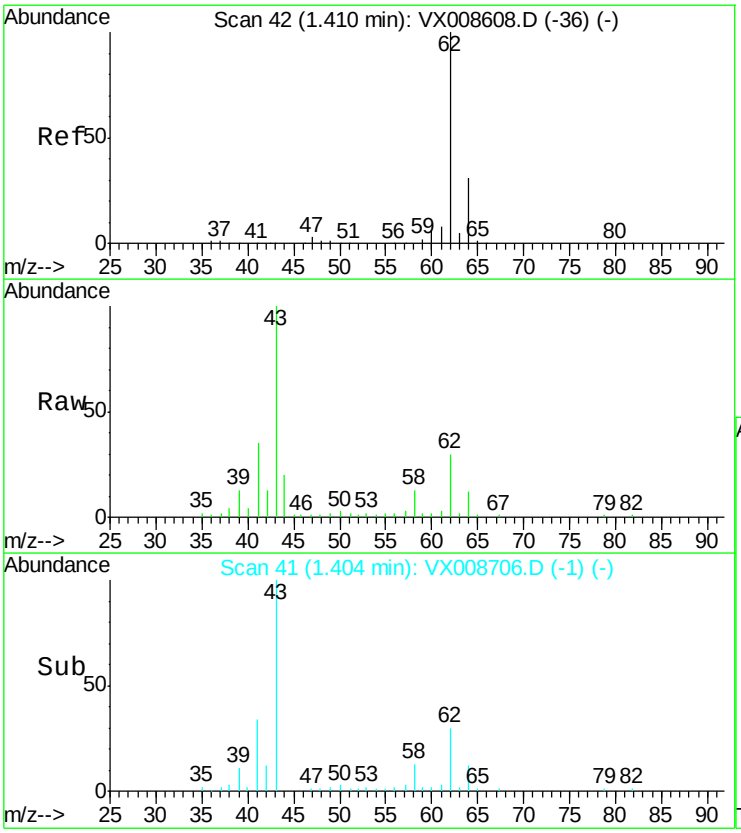
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
S8-0702

Tgt Ion:168 Resp: 209578

Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.7	70.1

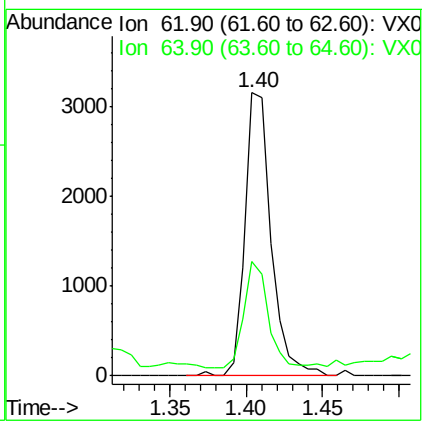


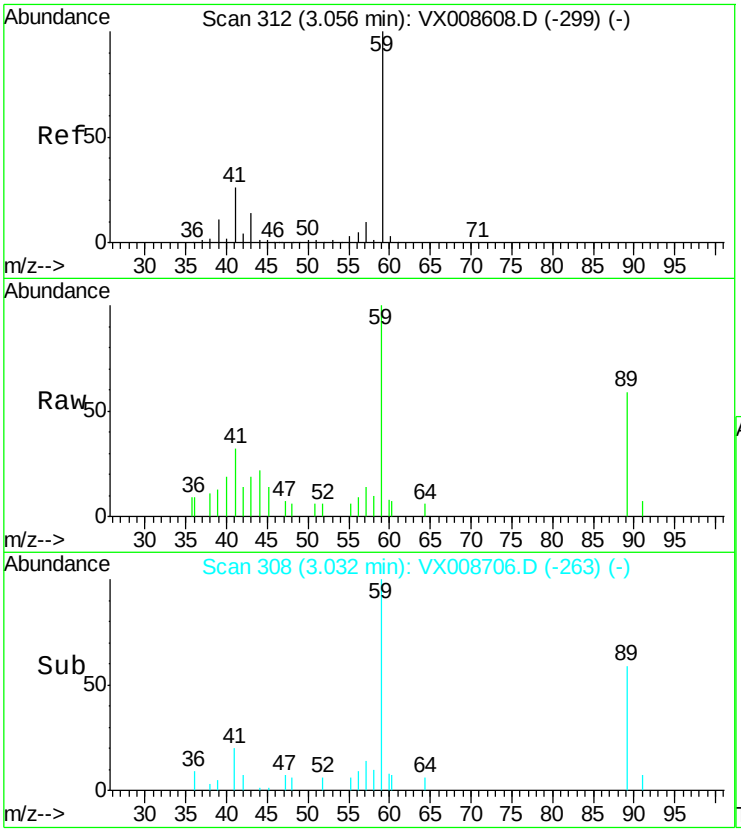


#4
Vinyl Chloride
Concen: 1.149 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Tgt Ion: 62 Resp: 3748

Ion	Ratio	Lower	Upper
62	100		
64	36.5	24.7	37.1



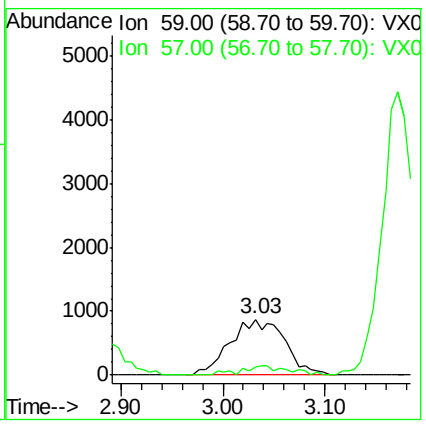


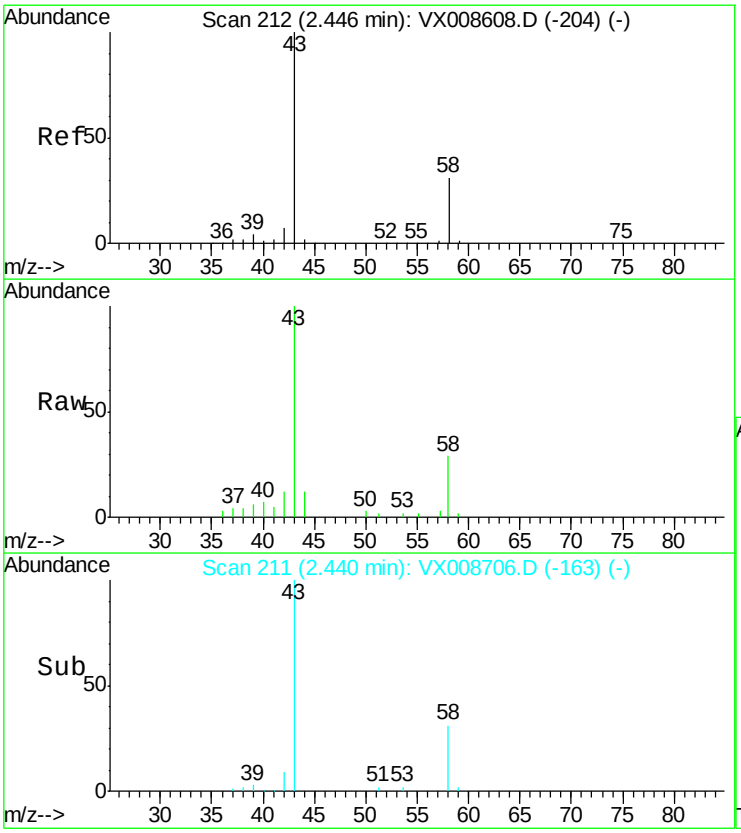
#11
Tert butyl alcohol
Concen: 4.534 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
S8-0702

Tgt Ion: 59 Resp: 3245

Ion	Ratio	Lower	Upper
59	100		
57	12.6	8.3	12.5#

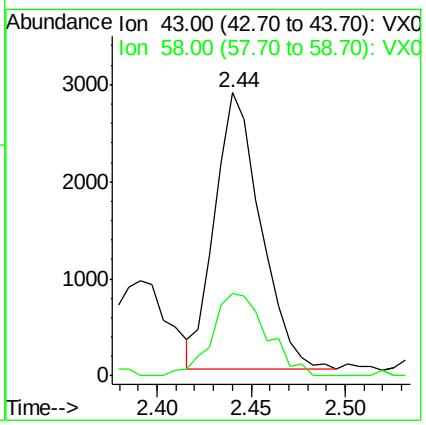


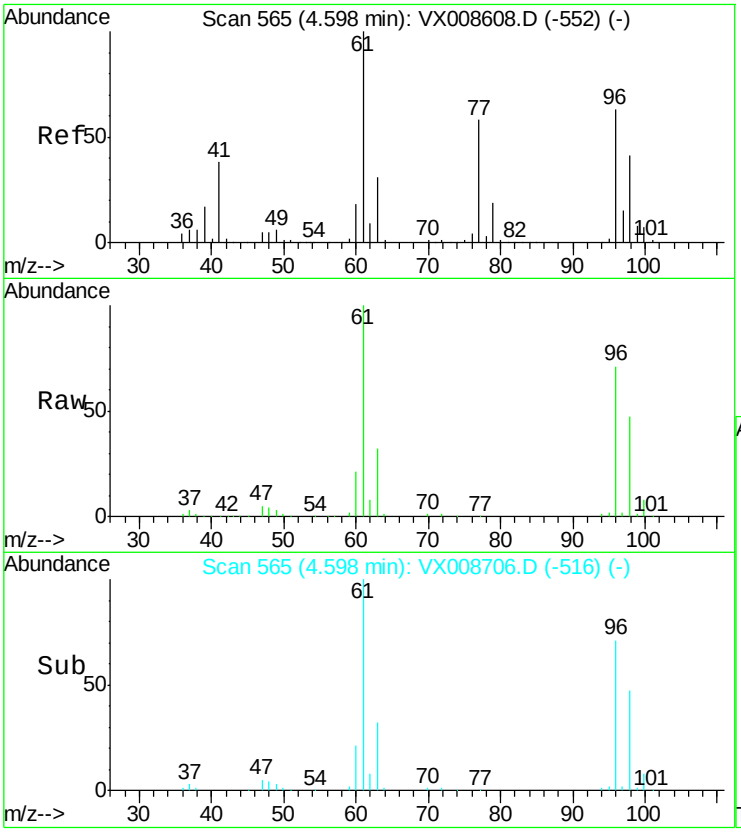


#16
Acetone
Concen: 2.731 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Tgt Ion: 43 Resp: 4809

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.8	37.2



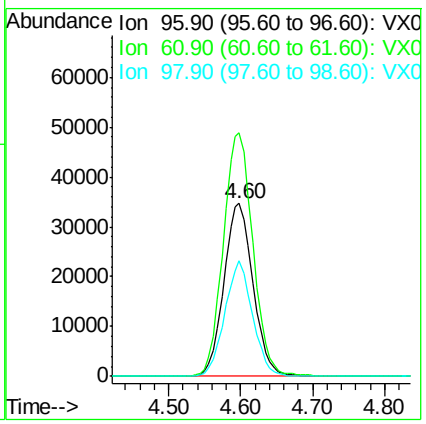


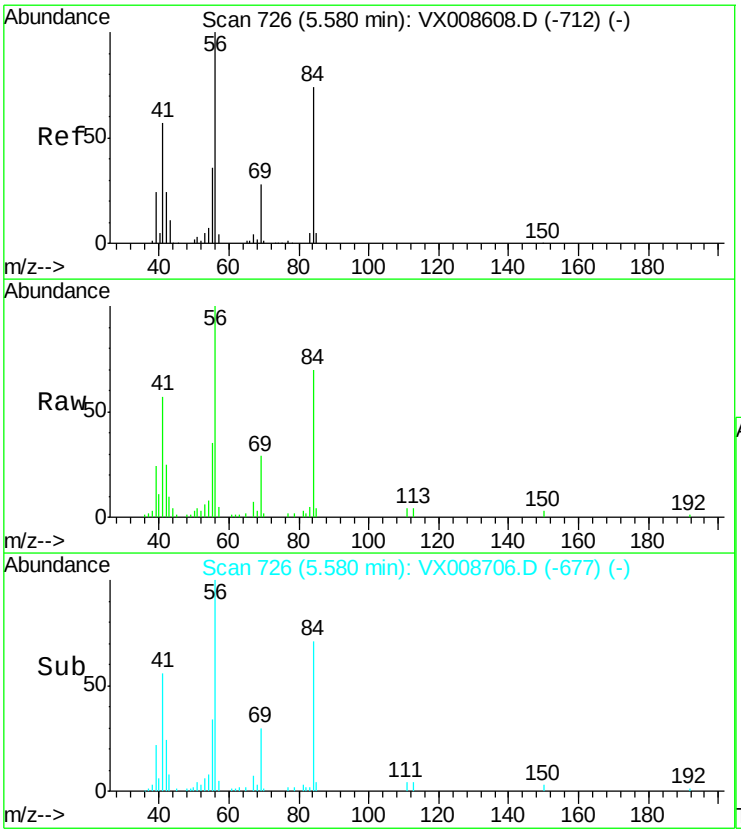
#27
cis-1,2-Dichloroethene
Concen: 32.314 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
S8-0702

Tgt Ion: 96 Resp: 97368

Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	327.6
98	63.8	0.0	128.6

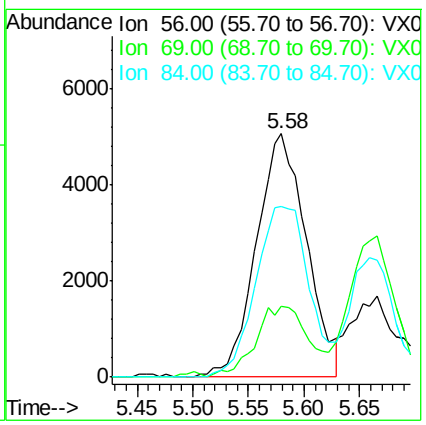


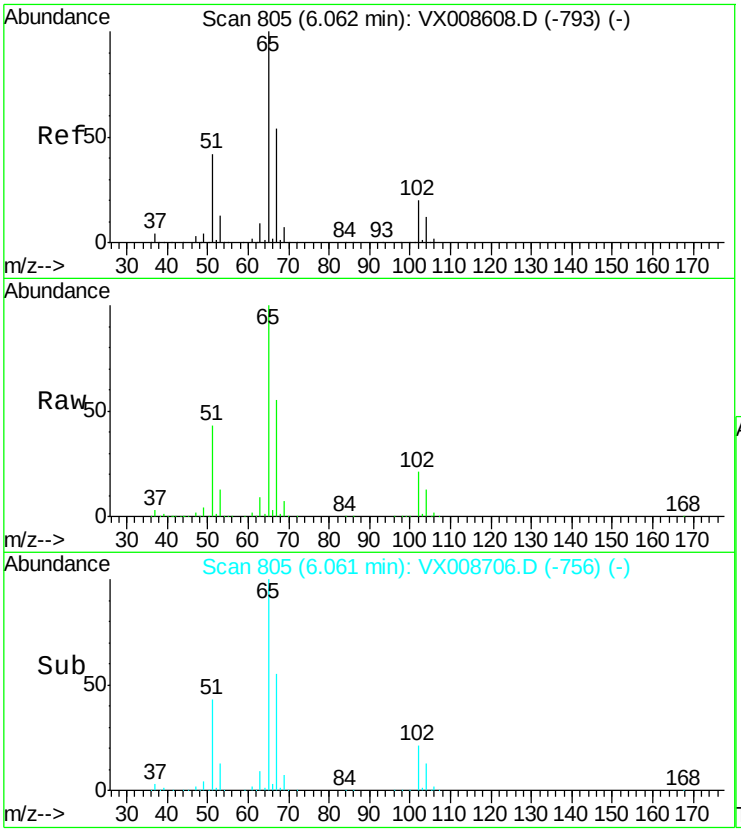


#31
Cyclohexane
Concen: 3.002 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Tgt Ion: 56 Resp: 15854

Ion	Ratio	Lower	Upper
56	100		
69	28.2	22.6	33.8
84	70.2	59.3	88.9



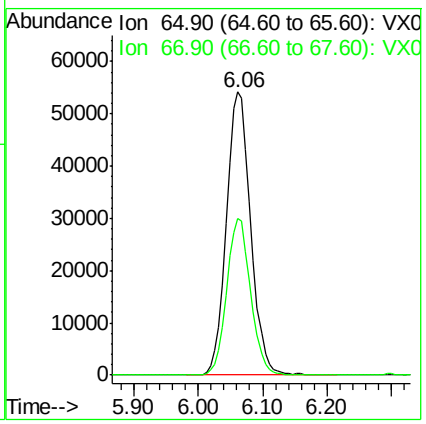


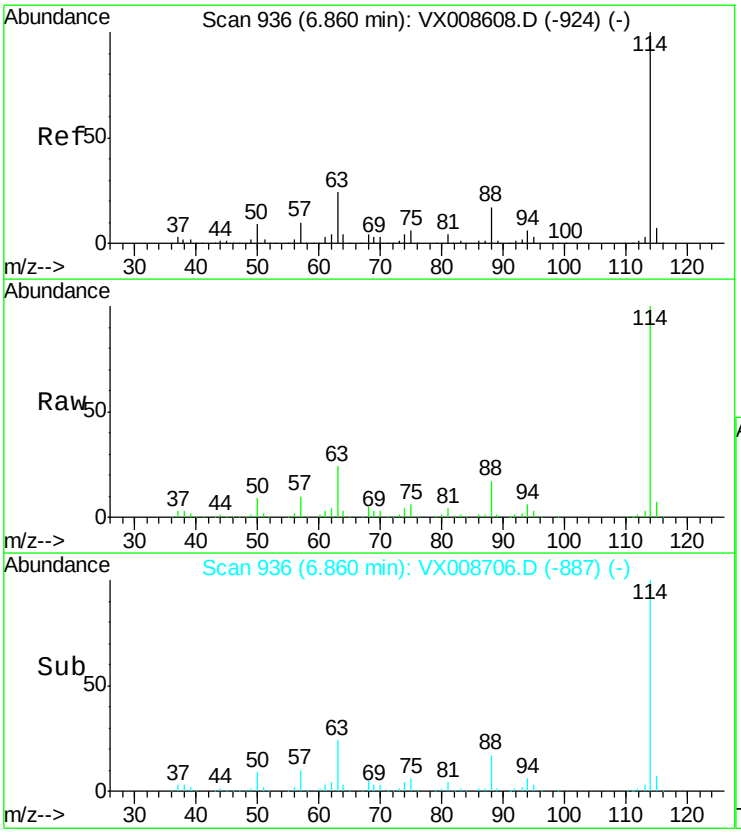
#33
1,2-Dichloroethane-d4
Concen: 46.943 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
S8-0702

Tgt Ion: 65 Resp: 143495

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	107.2

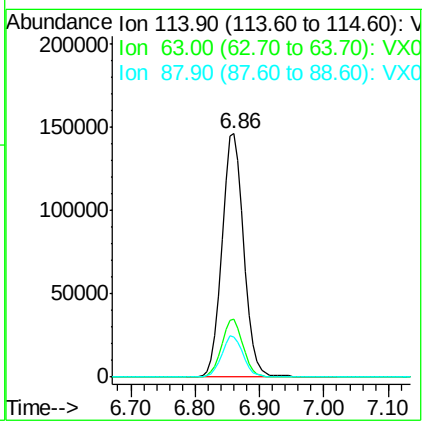


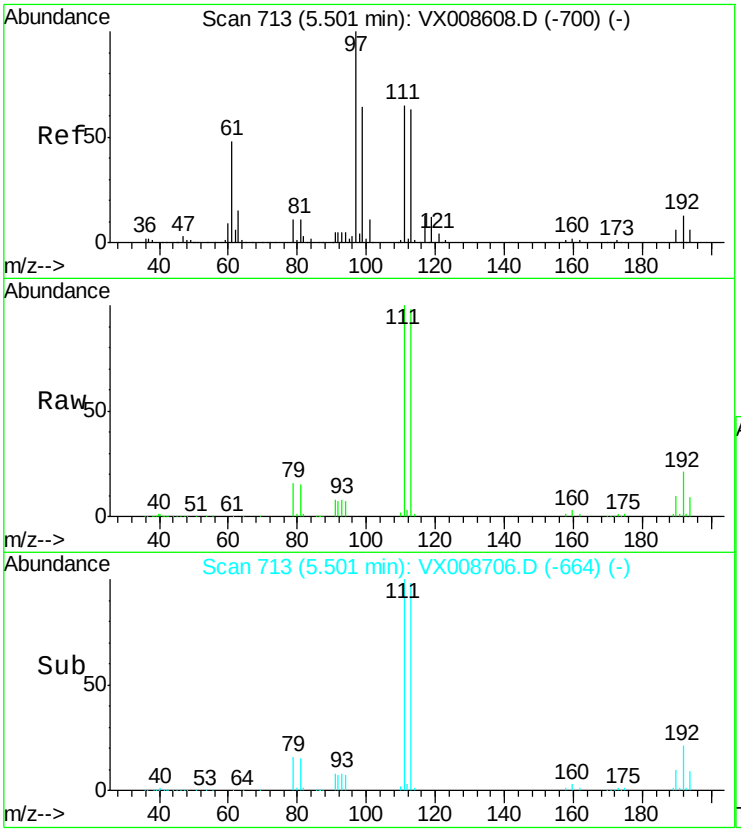


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Tgt Ion:114 Resp: 348986

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	47.2
88	16.7	0.0	34.0



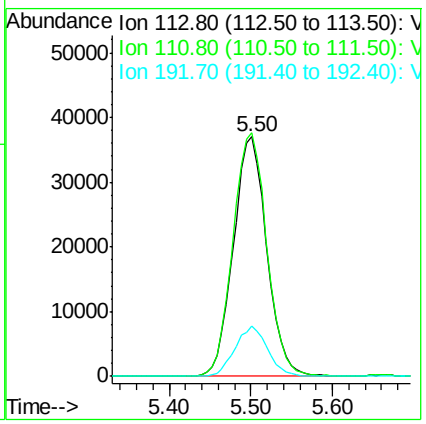


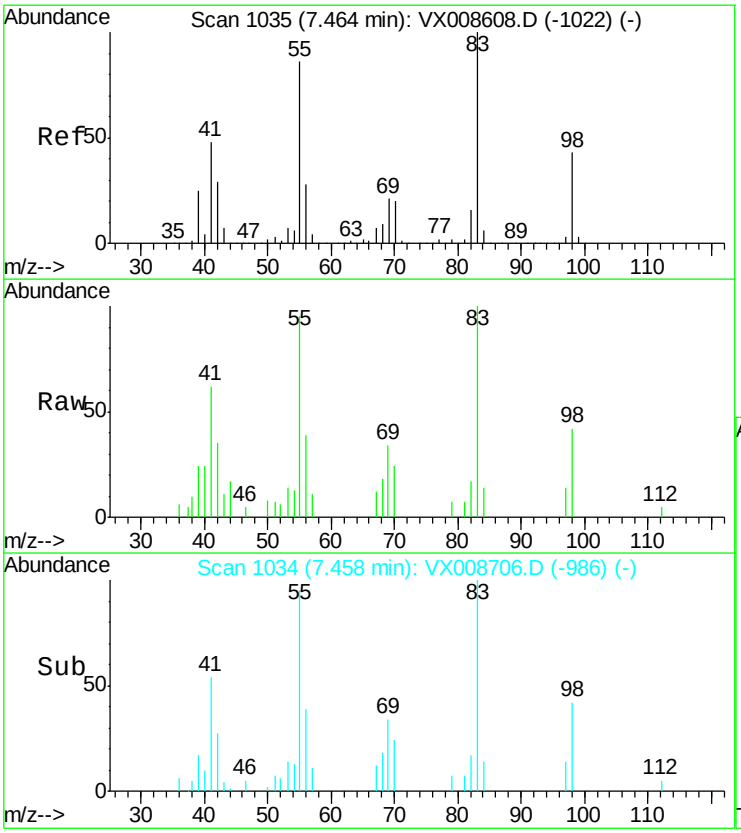
#35
Dibromofluoromethane
Concen: 47.089 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
S8-0702

Tgt Ion:113 Resp: 105068

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	20.3	16.1	24.1

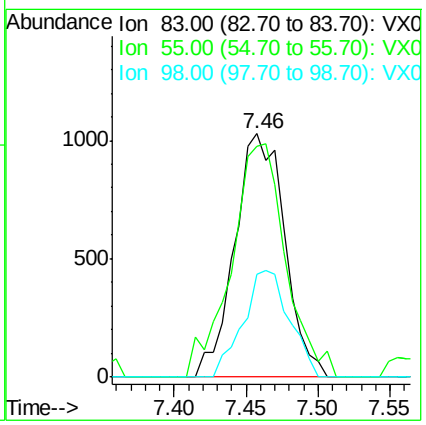


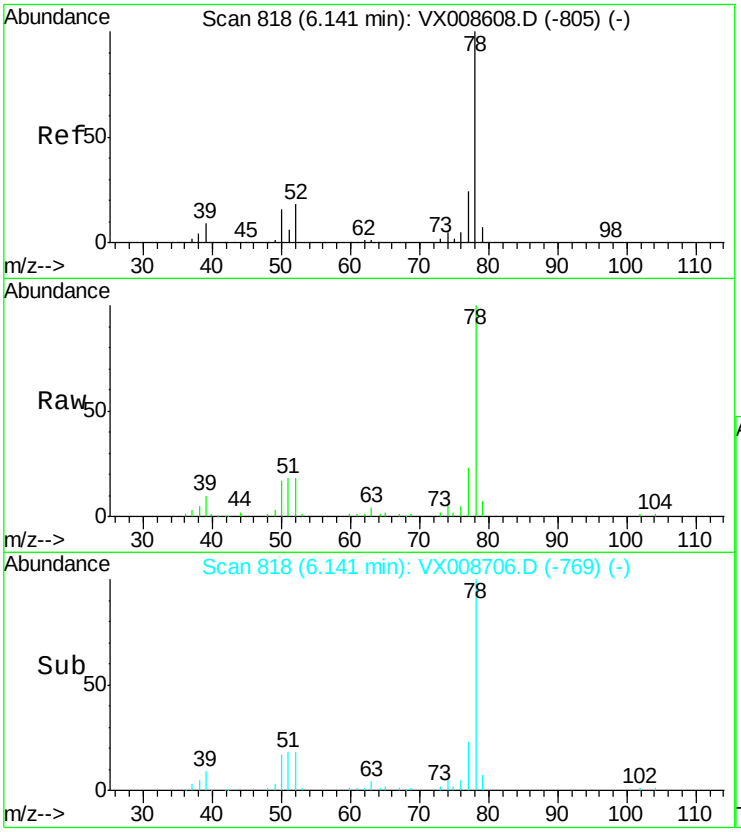


#39
Methylcyclohexane
Concen: 0.526 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Tgt Ion: 83 Resp: 2478

Ion	Ratio	Lower	Upper
83	100		
55	95.0	69.0	103.6
98	42.2	34.4	51.6



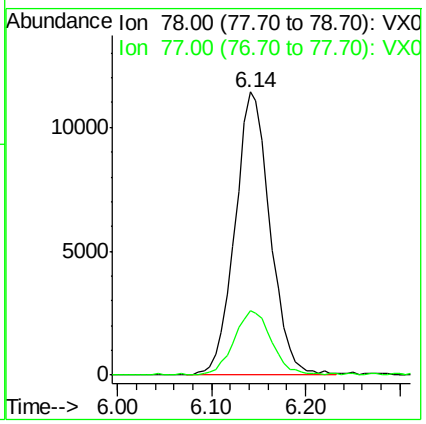


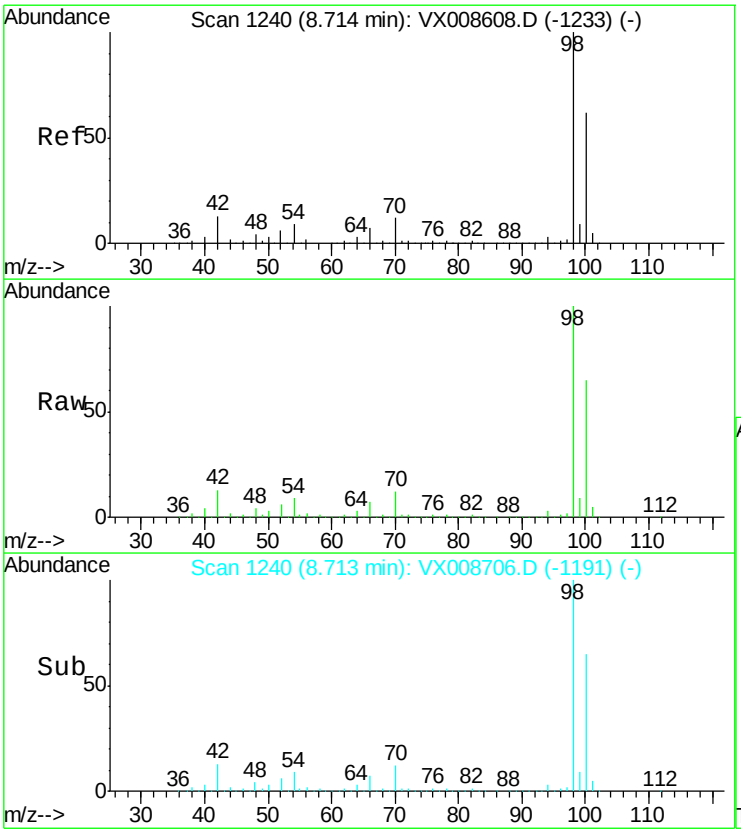
#40
Benzene
Concen: 2.624 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
S8-0702

Tgt Ion: 78 Resp: 29822

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.1	28.7

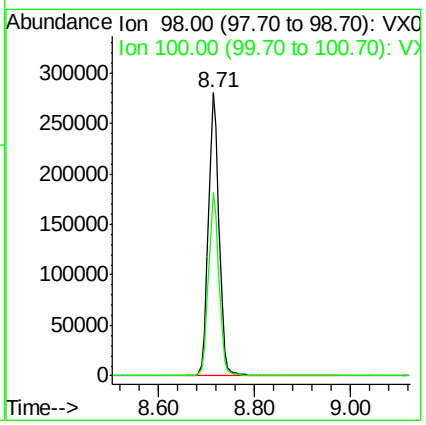


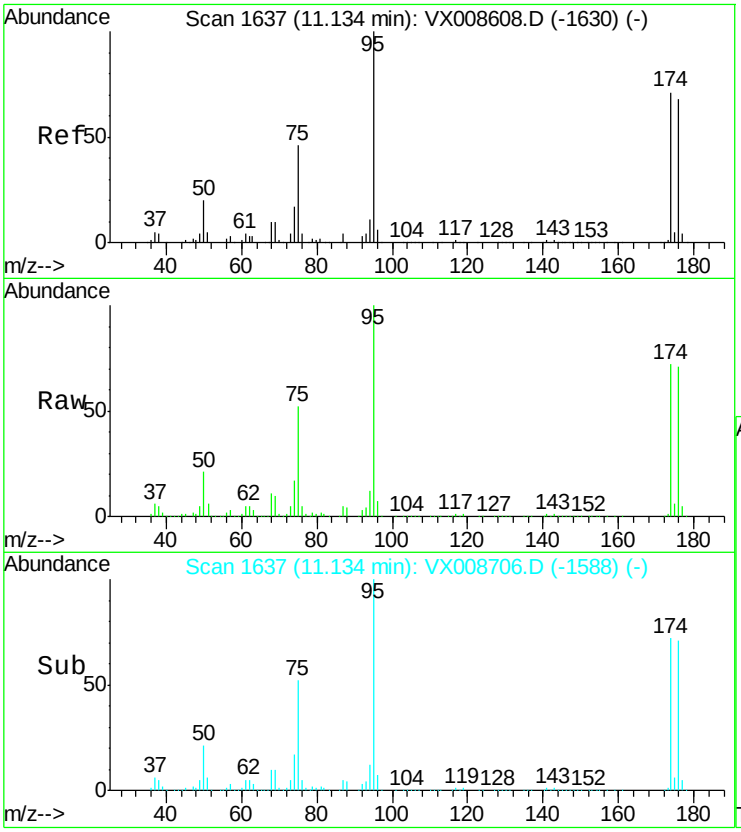


#50
Toluene-d8
Concen: 49.664 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Tgt Ion: 98 Resp: 441234

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0



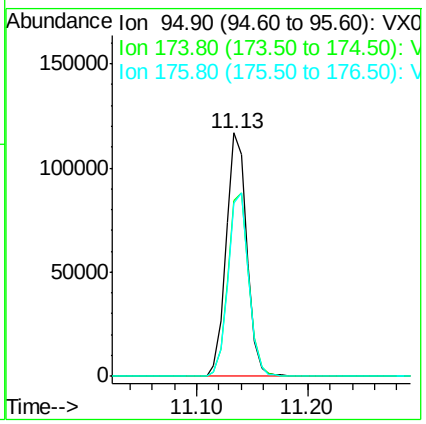


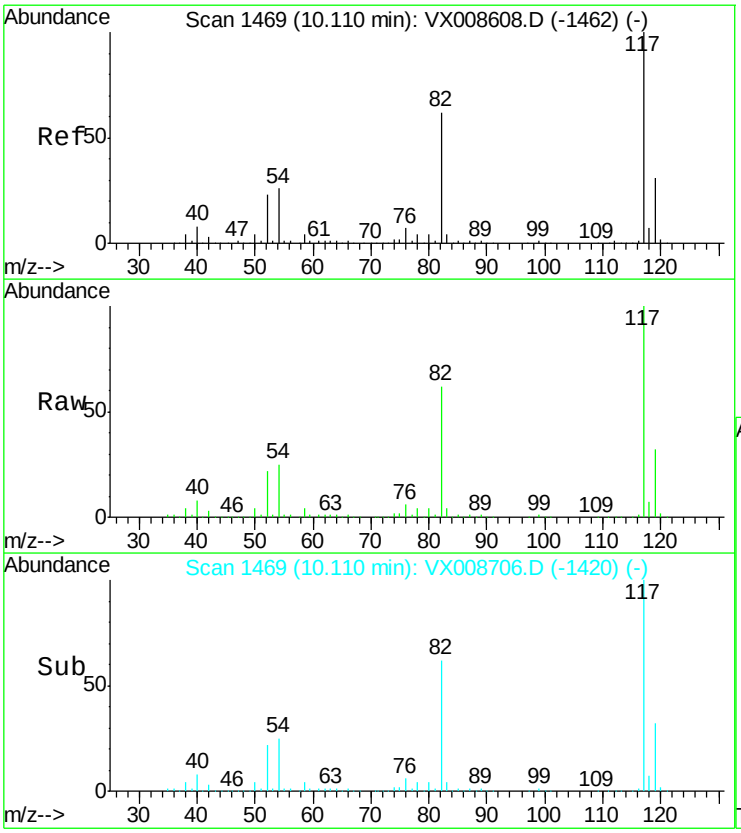
#62
4-Bromofluorobenzene
Concen: 47.410 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
S8-0702

Tgt Ion: 95 Resp: 149366

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	151.8
176	75.2	0.0	145.8

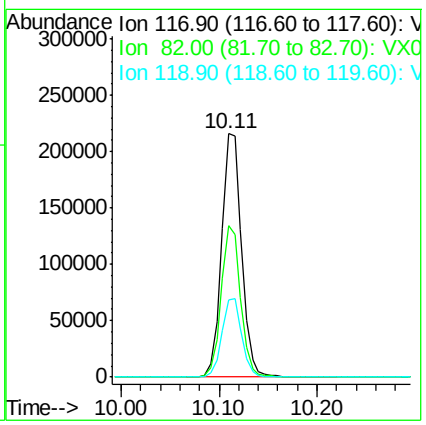


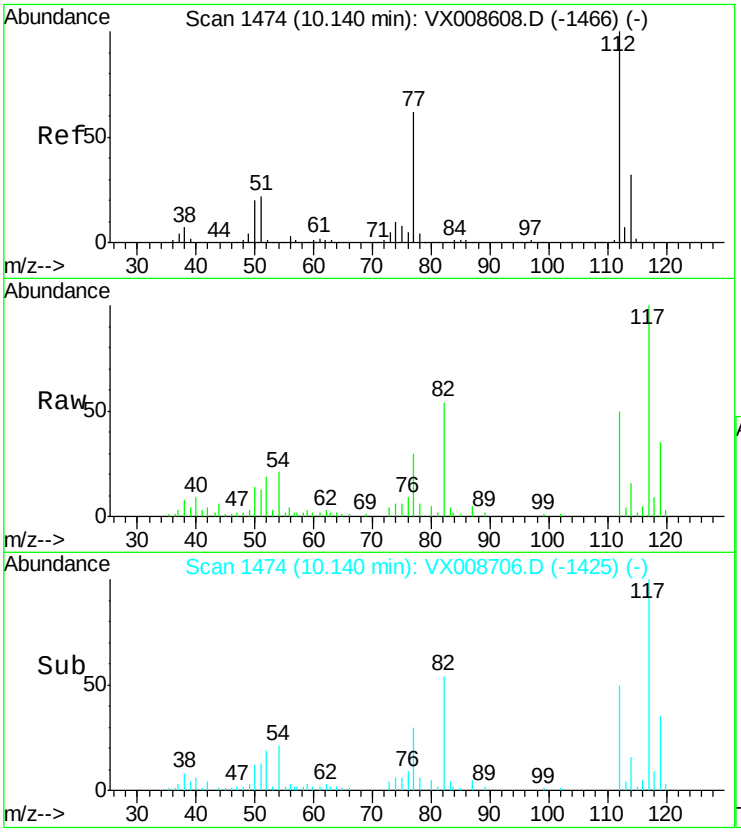


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Tgt Ion:117 Resp: 305072

Ion	Ratio	Lower	Upper
117	100		
82	62.3	49.6	74.4
119	31.9	25.0	37.4



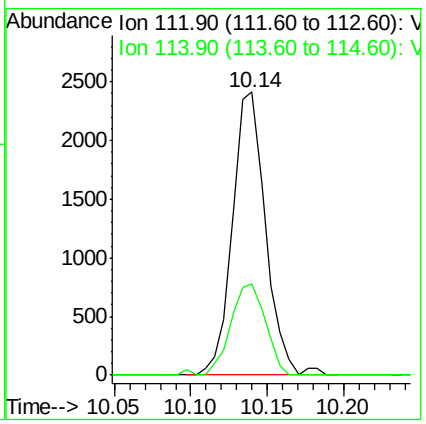


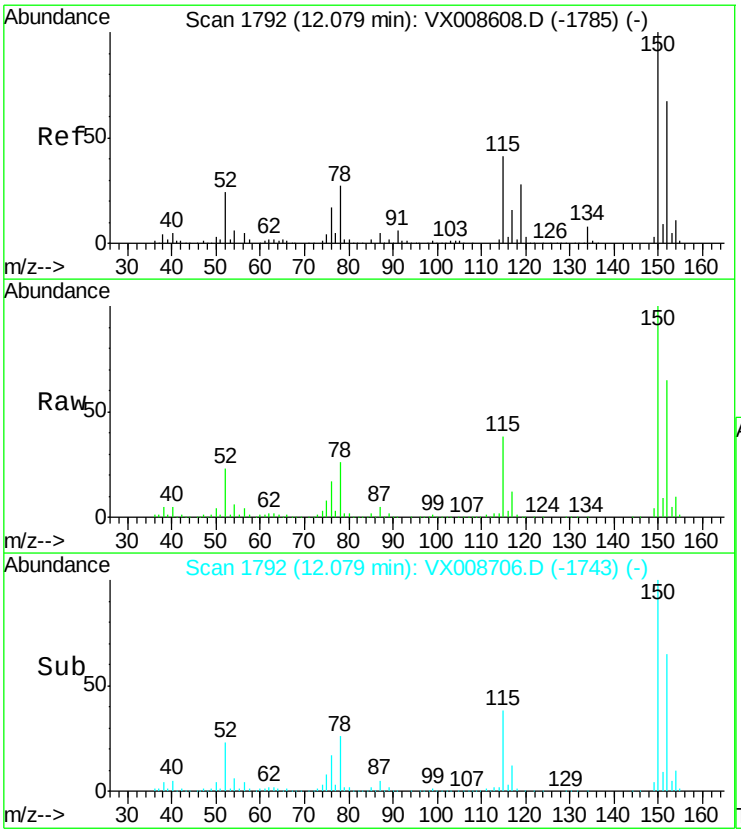
#65
Chlorobenzene
Concen: 0.535 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
S8-0702

Tgt Ion:112 Resp: 3619

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.8

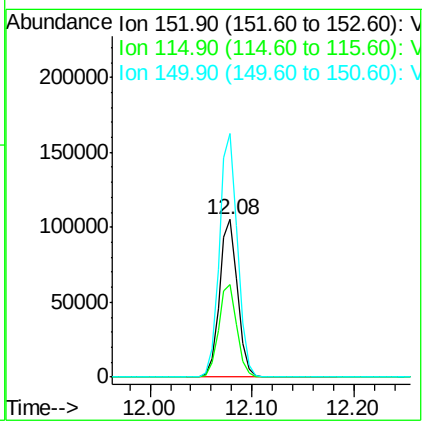


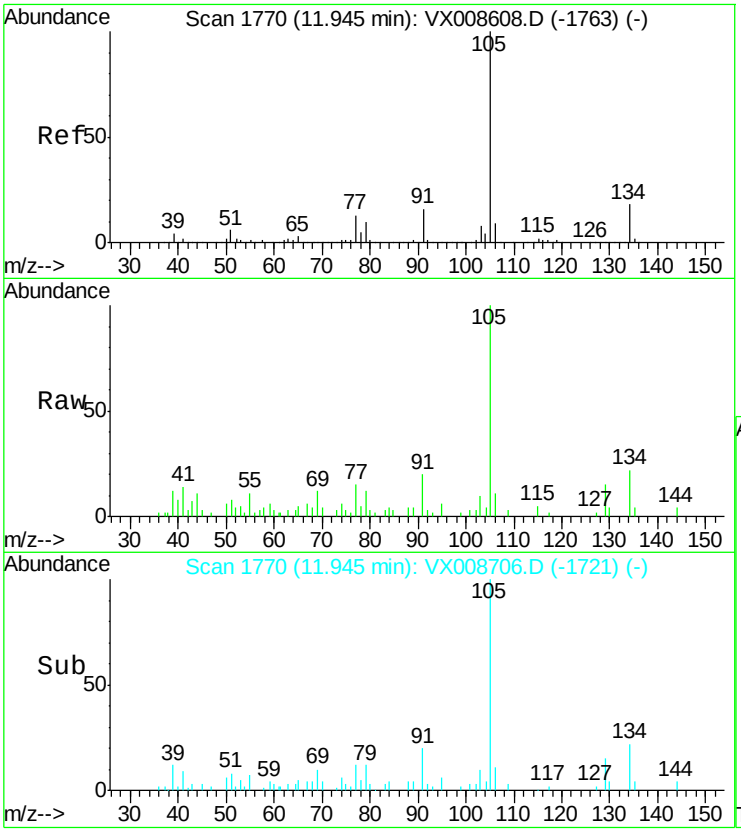


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Tgt Ion:152 Resp: 129377

Ion	Ratio	Lower	Upper
152	100		
115	59.3	43.5	130.5
150	155.8	0.0	348.8



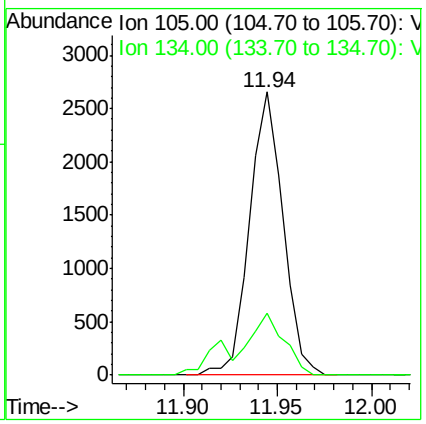


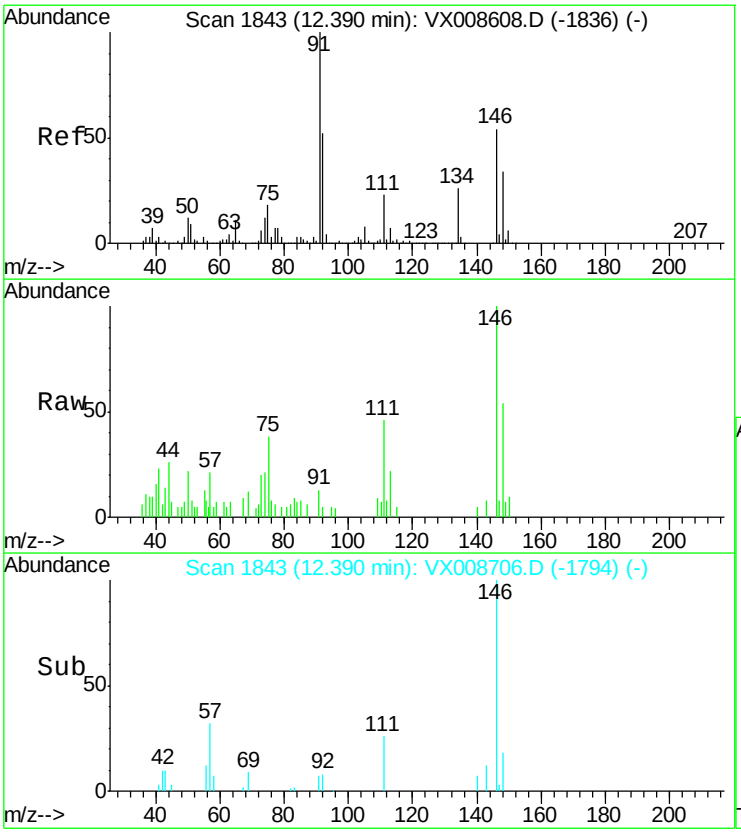
#85
sec-Butylbenzene
Concen: 0.317 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
S8-0702

Tgt Ion:105 Resp: 3262

Ion	Ratio	Lower	Upper
105	100		
134	22.2	9.4	28.2





#91
1,2-Dichlorobenzene
Concen: 0.323 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008706.D
Acq: 06 Apr 2019 00:45

Tgt Ion:146 Resp: 1478

Ion	Ratio	Lower	Upper
146	100		
111	48.7	21.3	63.9
148	62.0	31.7	95.1