Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062819\
Data File : VX010549.D
Acq On : 28 Jun 2019 20:51
Operator : JC/SP
Sample : K3521-41
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RW-12D

Quant Time: Jun 29 06:34:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	352824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	119784	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.24%			
35) Dibromofluoromethane	5.50	113	119420	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.26%			
50) Toluene-d8	8.71	98	460267	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
62) 4-Bromofluorobenzene	11.13	95	154708	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.10%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.41	62	4183	1.888	ug/l	98
24) 1,1-Dichloroethane	3.70	63	25900	6.968	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	14908	5.537	ug/l	92
30) Chloroform	5.21	83	14486	3.622	ug/l	93
40) Benzene	6.15	78	4357	0.447	ug/l	94
44) Trichloroethene	7.22	130	2633	0.904	ug/l	99
49) 1,4-Dioxane	7.75	88	1829	25.679	ug/l #	87
64) Tetrachloroethene	9.34	164	2183	0.765	ug/l	93
65) Chlorobenzene	10.13	112	261674	36.531	ug/l	99
79) 2-Chlorotoluene	11.42	91	12785	1.744	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	21387	3.917	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	79154	14.239	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	50559	9.316	ug/l	99

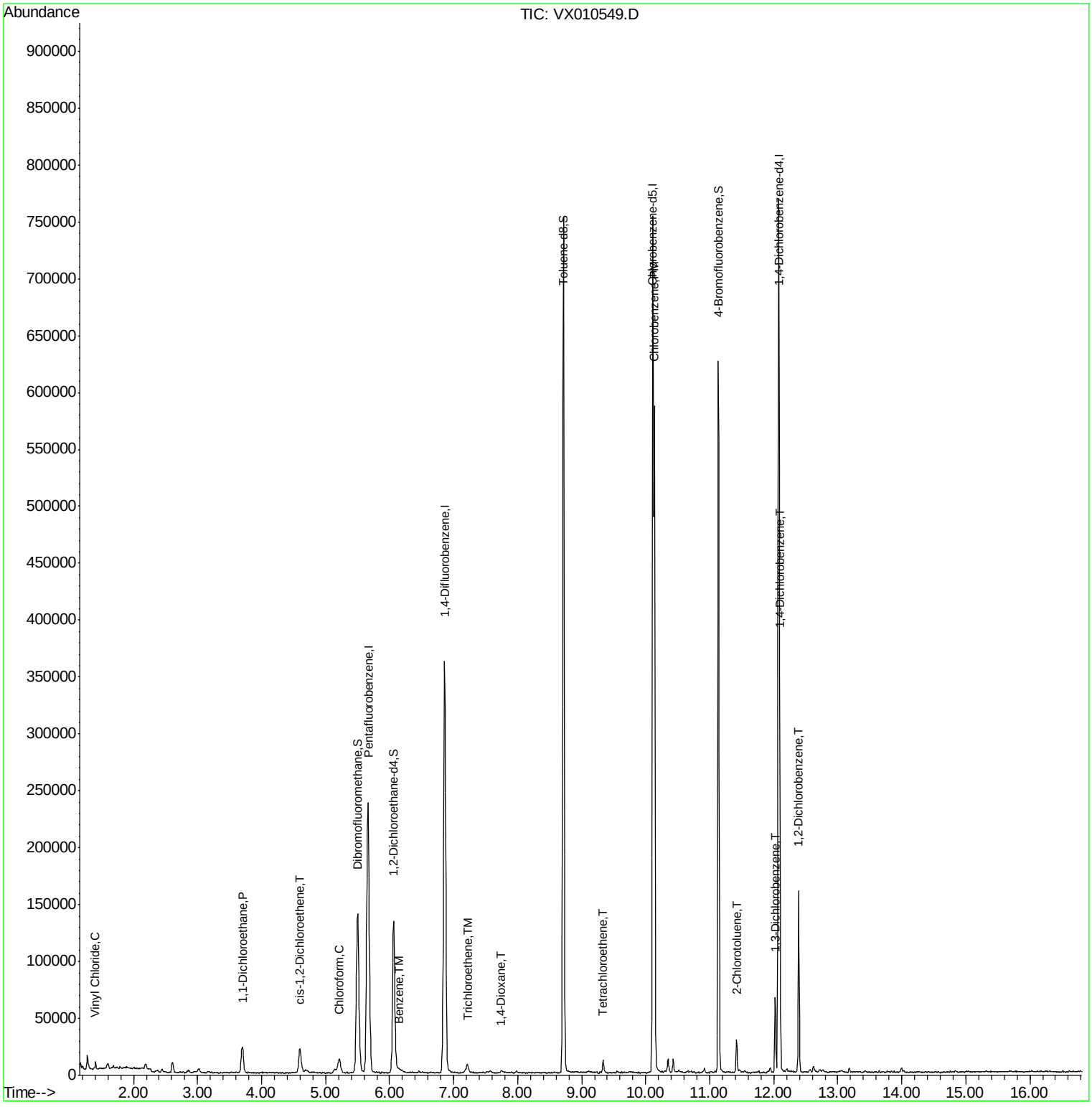
(#) = qualifier out of range (m) = manual integration (+) = signals summed

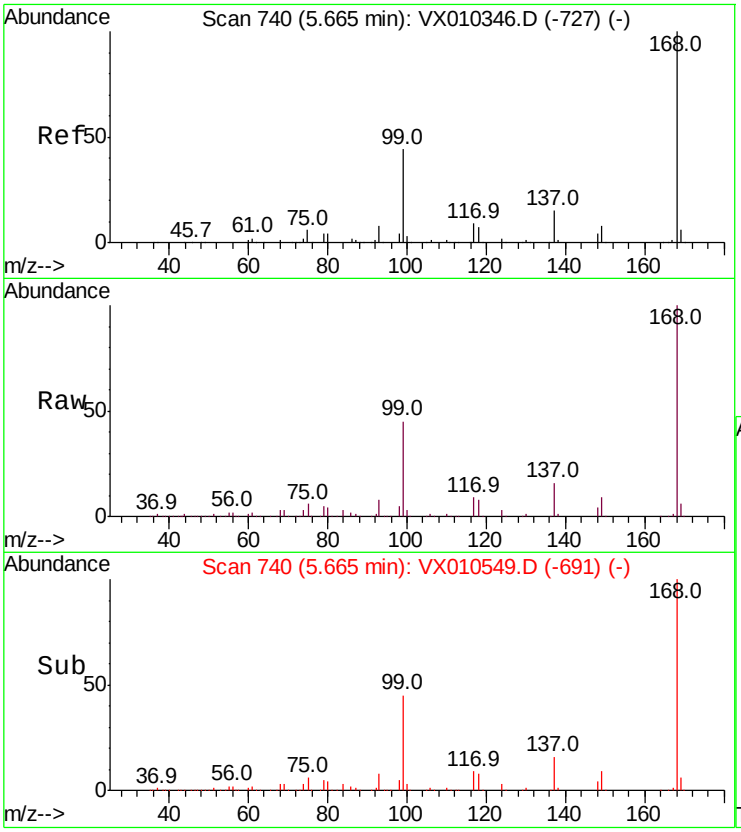
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062819\
Data File : VX010549.D
Acq On : 28 Jun 2019 20:51
Operator : JC/SP
Sample : K3521-41
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RW-12D

Quant Time: Jun 29 06:34:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



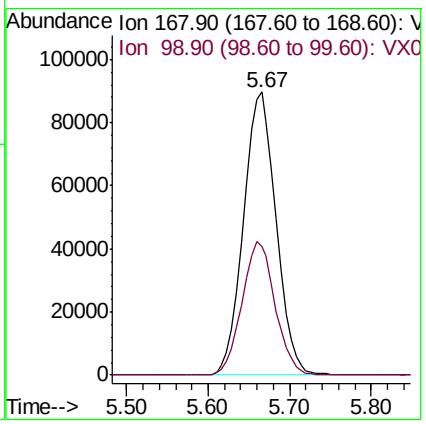


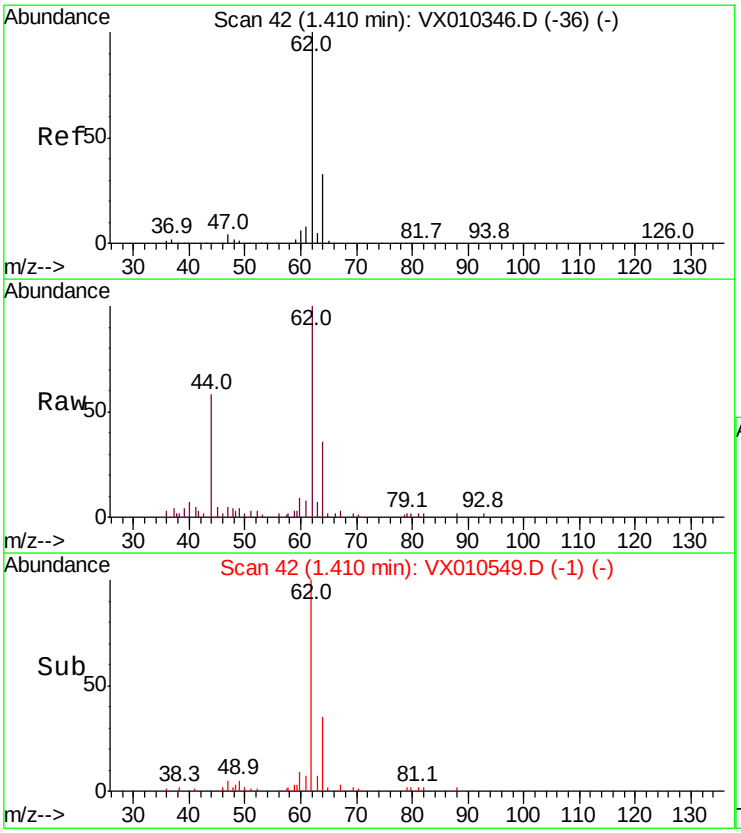
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
RW-12D

Tgt Ion:168 Resp: 249917

Ion	Ratio	Lower	Upper
168	100		
99	45.2	35.5	53.3

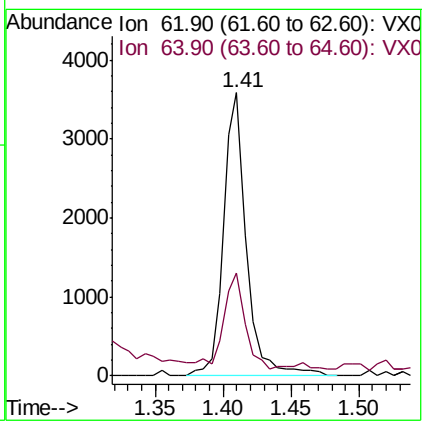


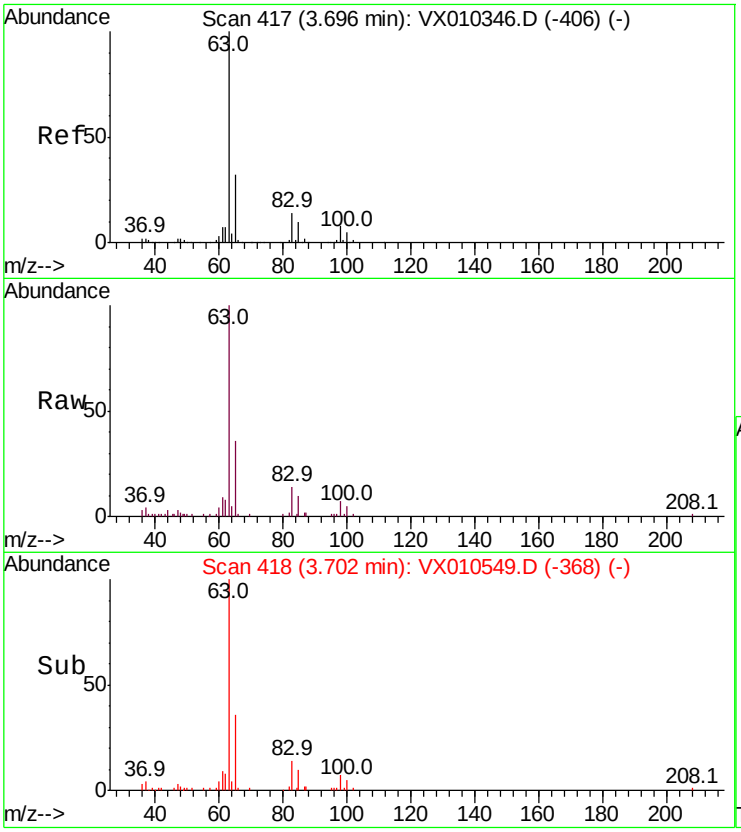


#4
Vinyl Chloride
Concen: 1.888 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Tgt Ion: 62 Resp: 4183

Ion	Ratio	Lower	Upper
62	100		
64	33.8	26.2	39.4



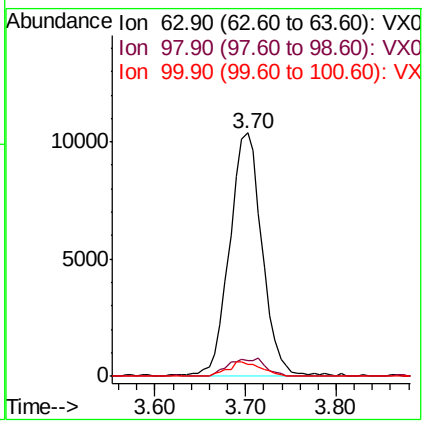


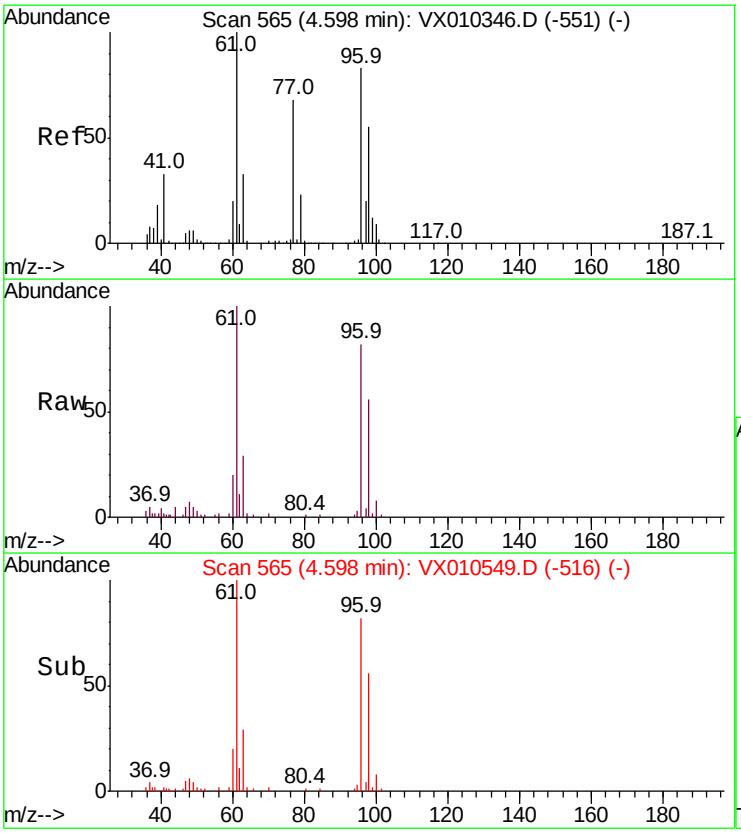
#24
1,1-Dichloroethane
Concen: 6.968 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument : MSVOA_X
ClientSampleId : RW-12D

Tgt Ion: 63 Resp: 25900

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.9	11.7
100	4.8	2.4	7.1

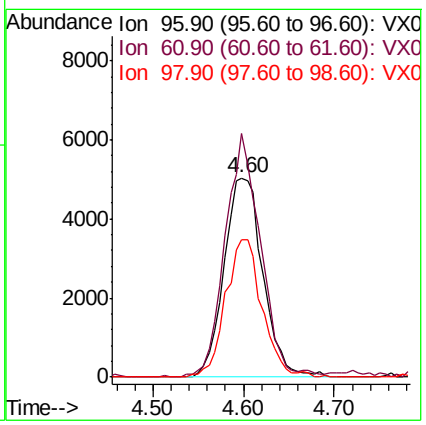


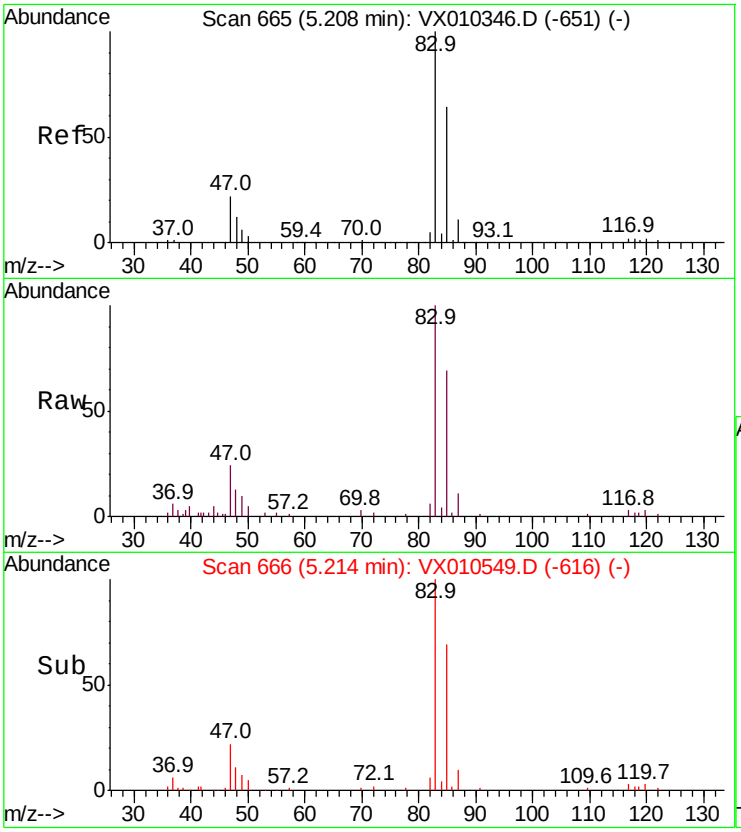


#27
cis-1,2-Dichloroethene
Concen: 5.537 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Tgt Ion: 96 Resp: 14908

Ion	Ratio	Lower	Upper
96	100		
61	111.8	0.0	251.8
98	65.4	0.0	129.4



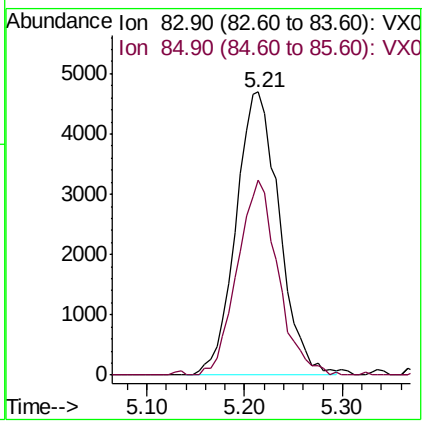


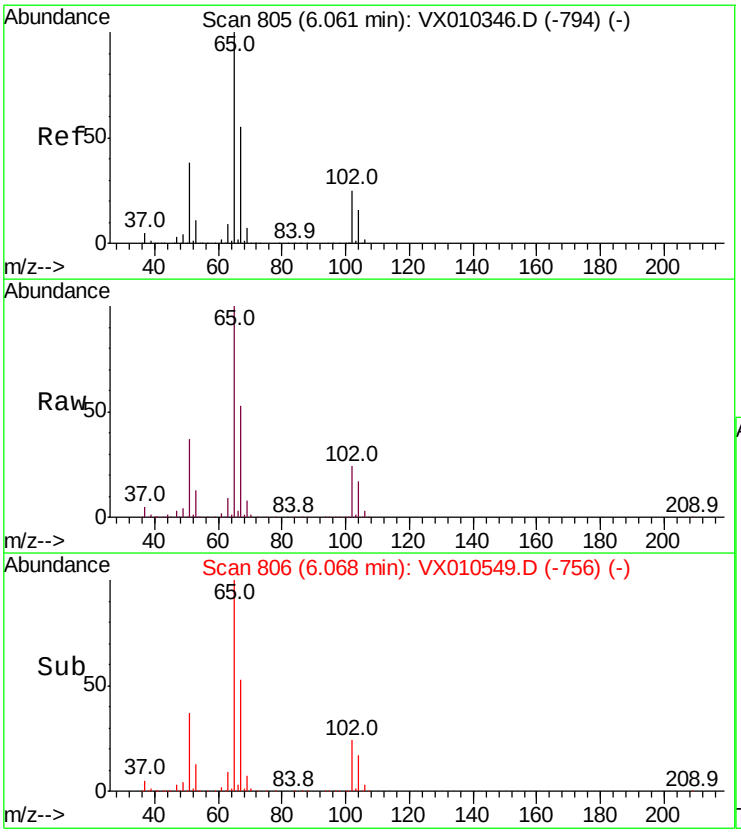
#30
Chloroform
Concen: 3.622 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
RW-12D

Tgt Ion: 83 Resp: 14486

Ion	Ratio	Lower	Upper
83	100		
85	68.9	50.9	76.3

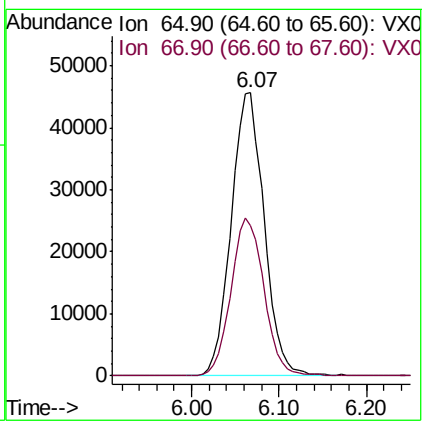


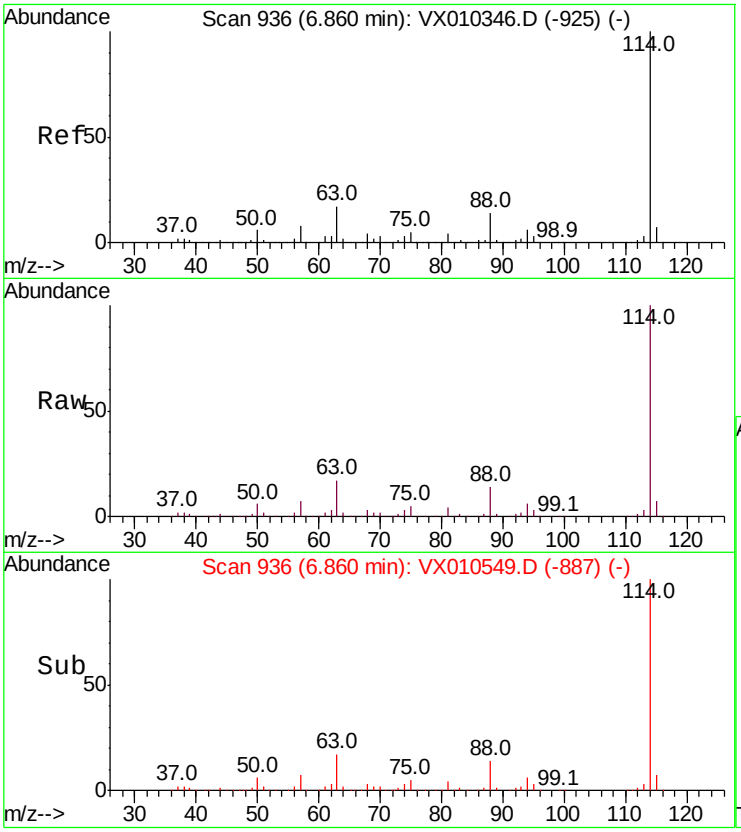


#33
1,2-Dichloroethane-d4
Concen: 51.119 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Tgt Ion: 65 Resp: 119784

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	110.2



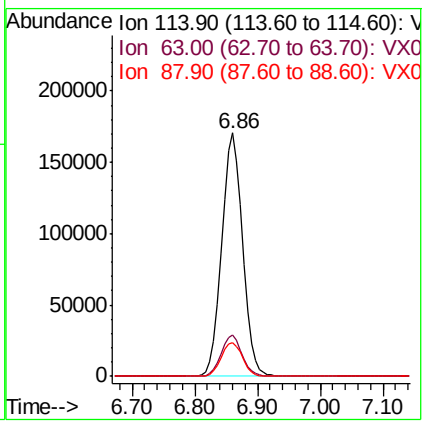


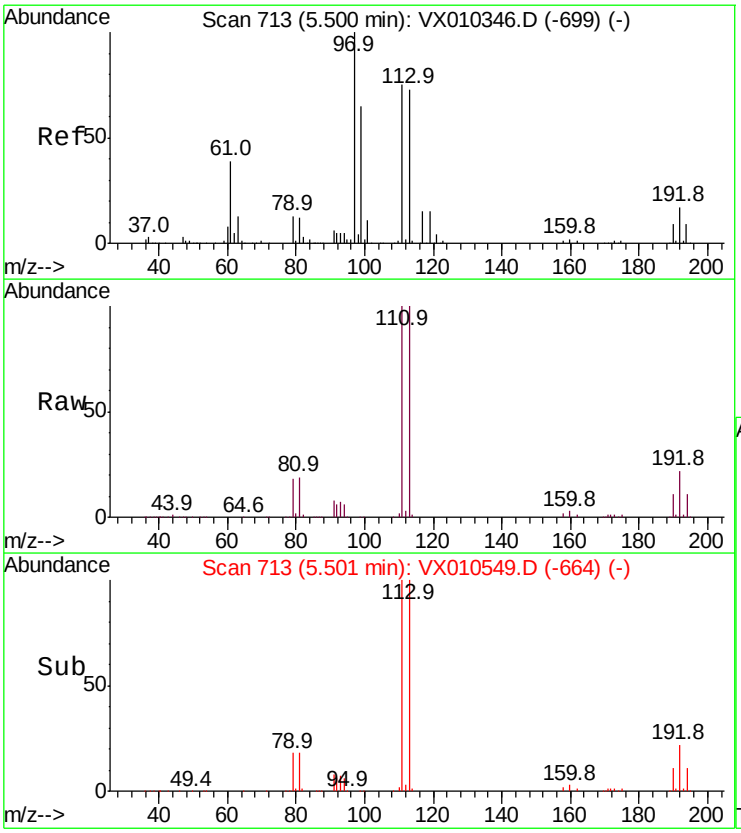
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
RW-12D

Tgt Ion:114 Resp: 393276

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	33.8
88	14.0	0.0	27.6

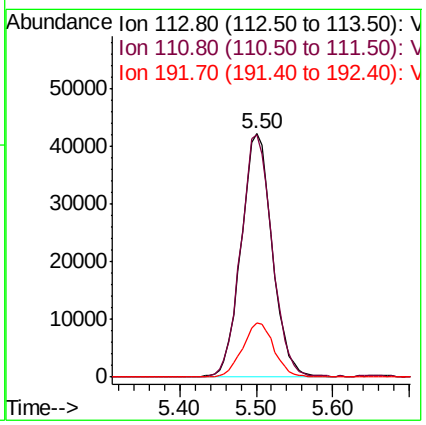


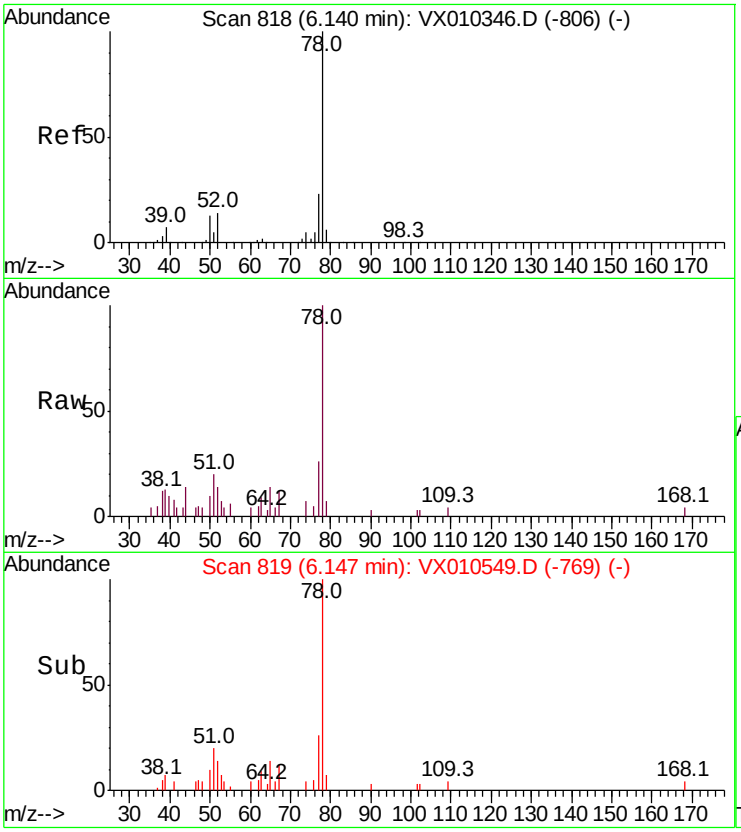


#35
Dibromofluoromethane
Concen: 49.630 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Tgt Ion:113 Resp: 119420

Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.2	121.8
192	22.5	18.6	27.8



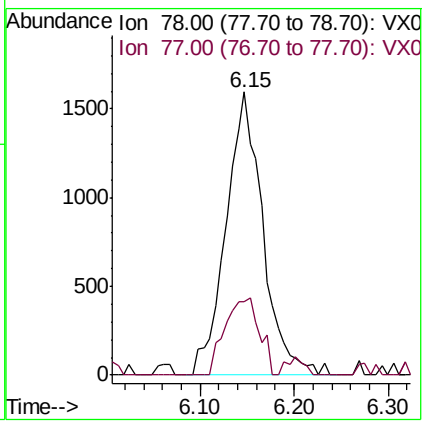


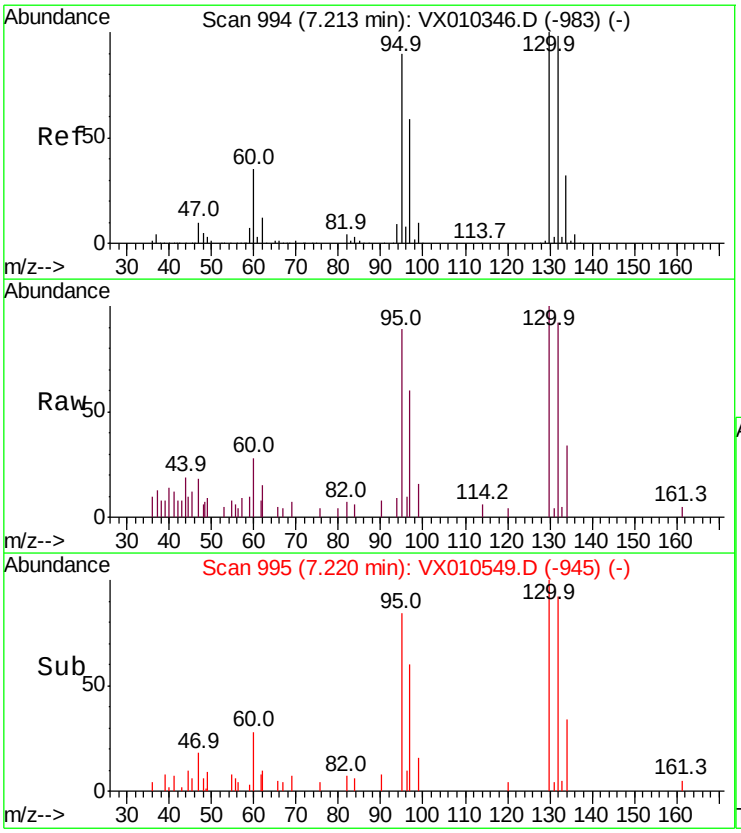
#40
Benzene
Concen: 0.447 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
RW-12D

Tgt Ion: 78 Resp: 4357

Ion	Ratio	Lower	Upper
78	100		
77	26.1	18.6	28.0

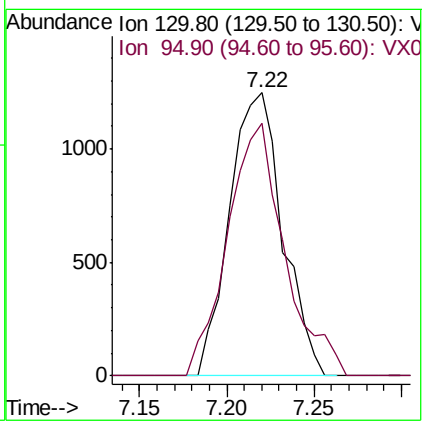


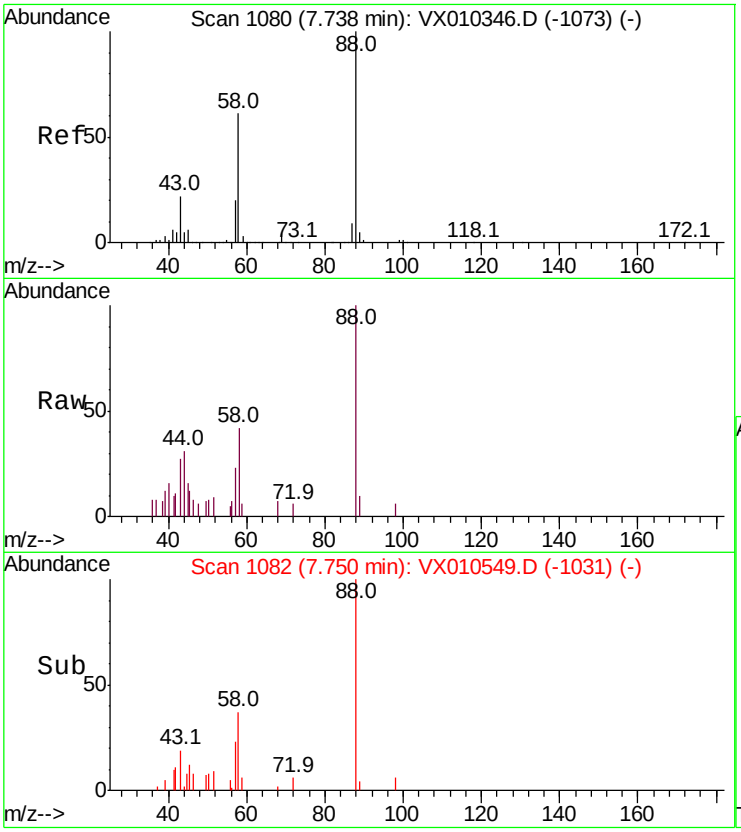


#44
Trichloroethene
Concen: 0.904 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Tgt Ion:130 Resp: 2633

Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	180.8



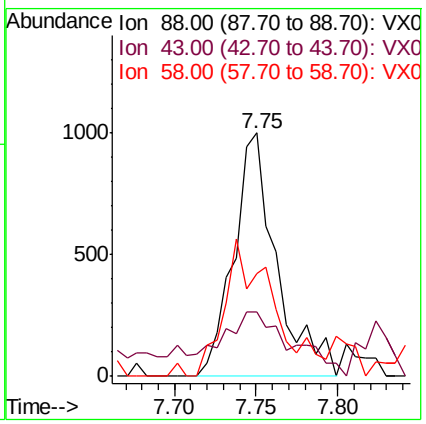


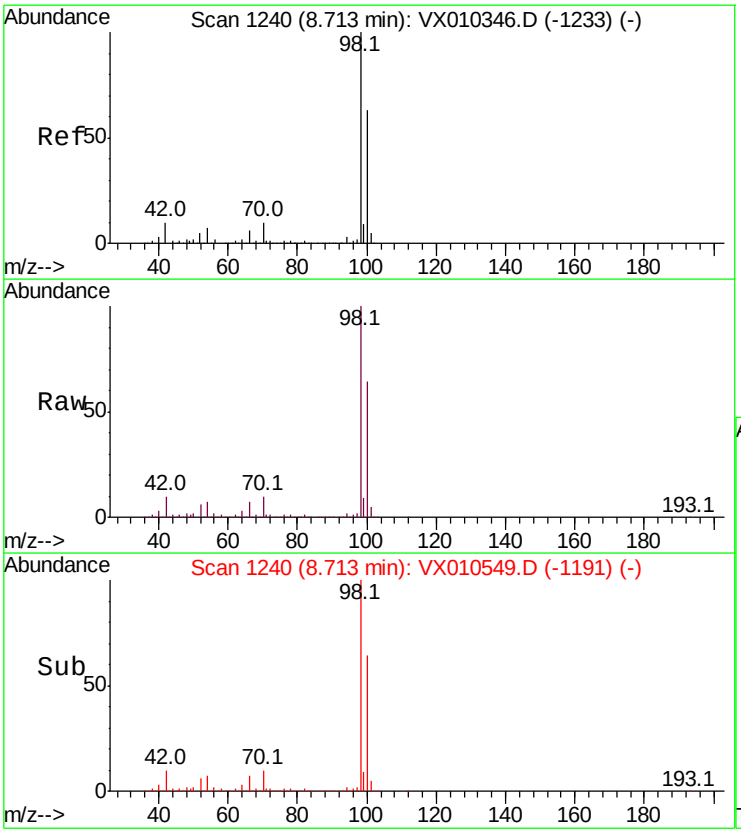
#49
1,4-Dioxane
Concen: 25.679 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument : MSVOA_X
ClientSampleId : RW-12D

Tgt Ion: 88 Resp: 1829

Ion	Ratio	Lower	Upper
88	100		
43	42.8	20.2	30.2#
58	64.9	49.5	74.3

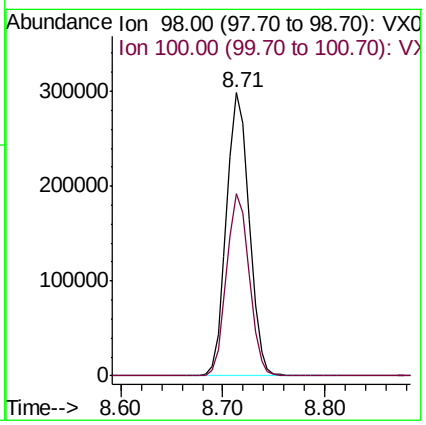


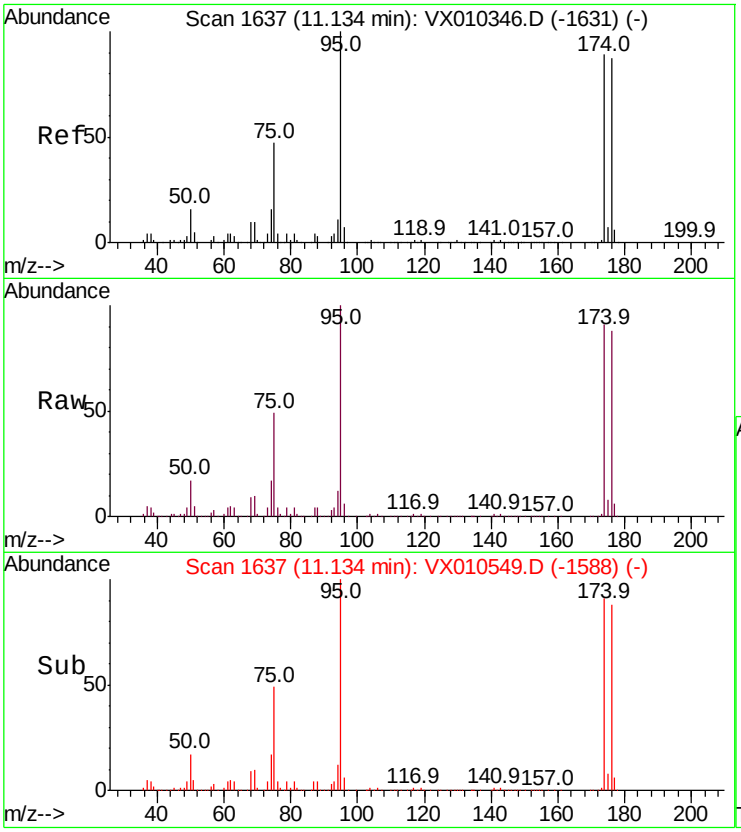


#50
Toluene-d8
Concen: 49.998 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Tgt Ion: 98 Resp: 460267

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4



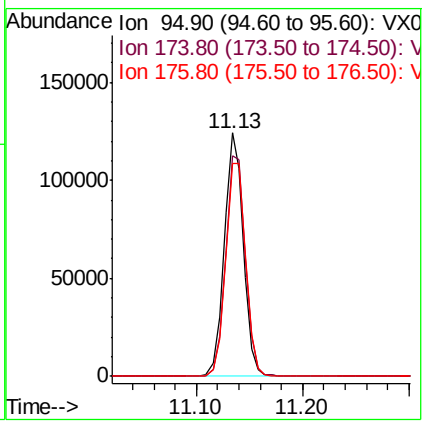


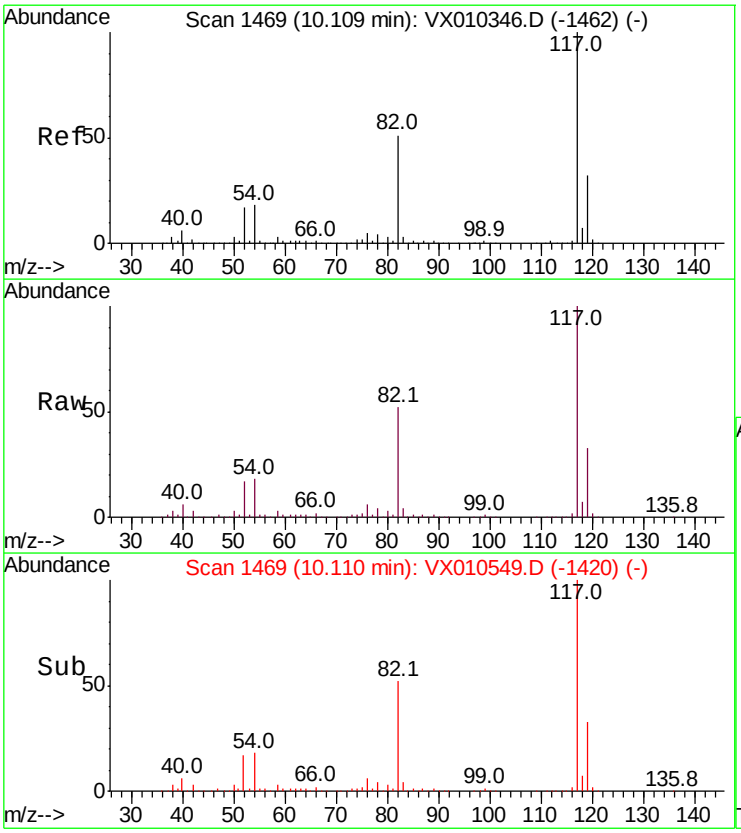
#62
4-Bromofluorobenzene
Concen: 46.550 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
RW-12D

Tgt Ion: 95 Resp: 154708

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	187.6
176	93.2	0.0	184.0

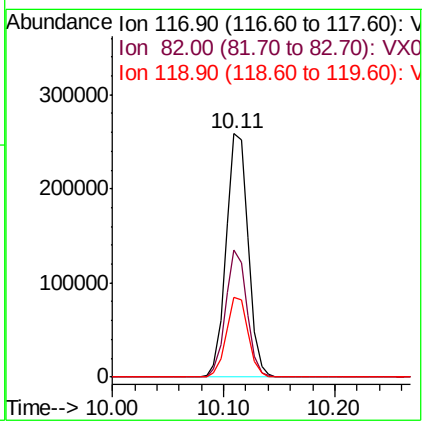


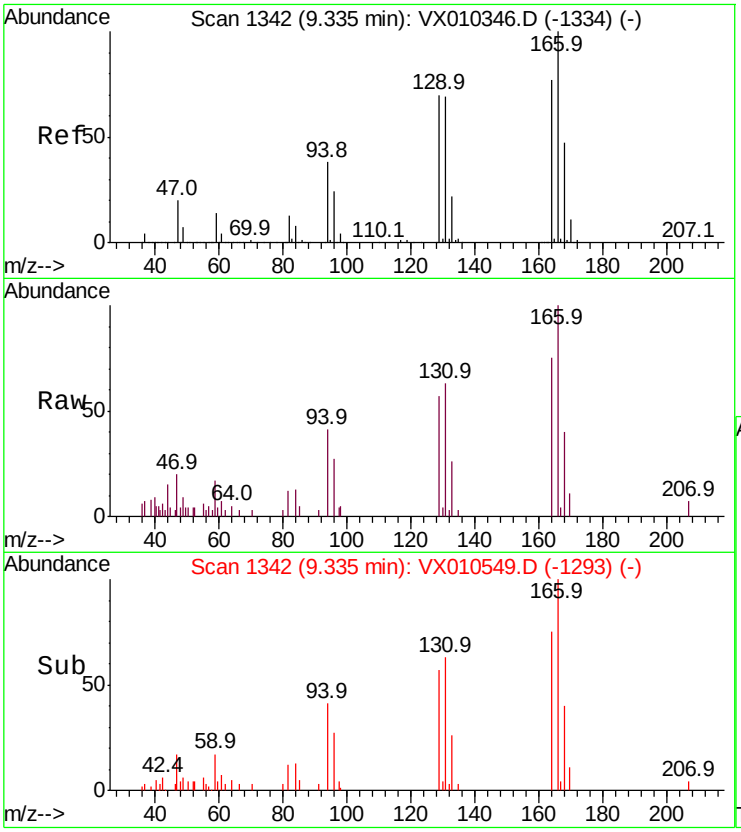


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Tgt Ion:117 Resp: 352824

Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.2	61.8
119	32.9	25.5	38.3



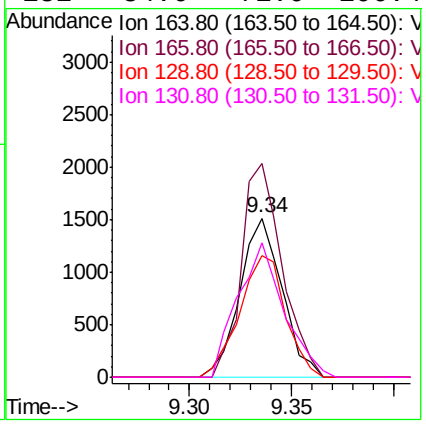


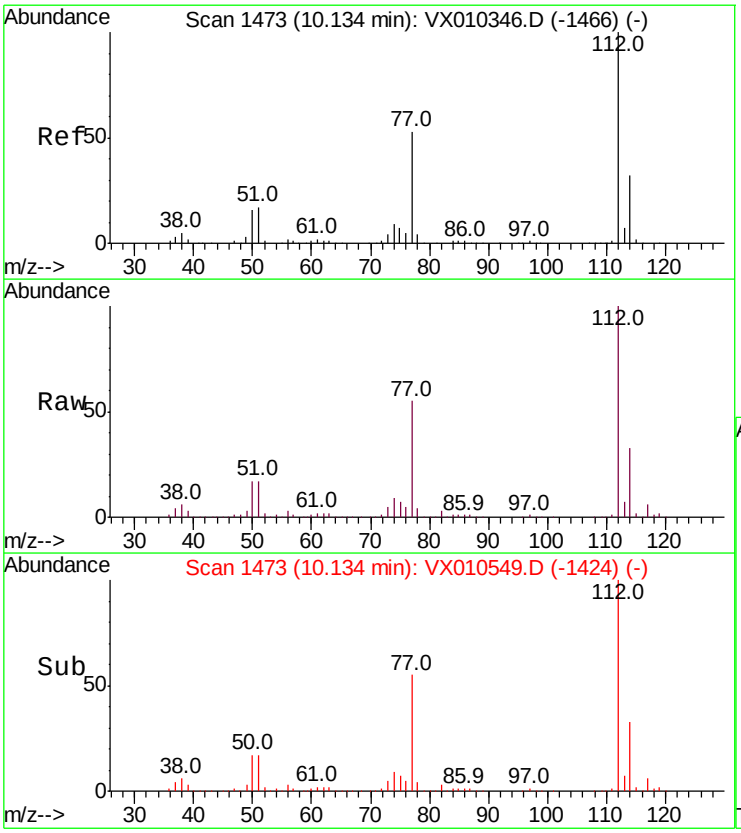
#64
Tetrachloroethene
Concen: 0.765 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
RW-12D

Tgt Ion:164 Resp: 2183

Ion	Ratio	Lower	Upper
164	100		
166	134.0	103.6	155.4
129	76.7	73.0	109.4
131	84.6	71.0	106.4

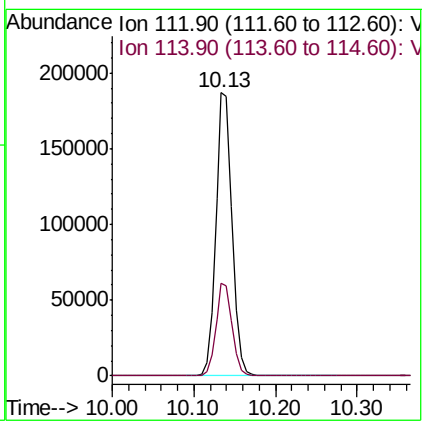


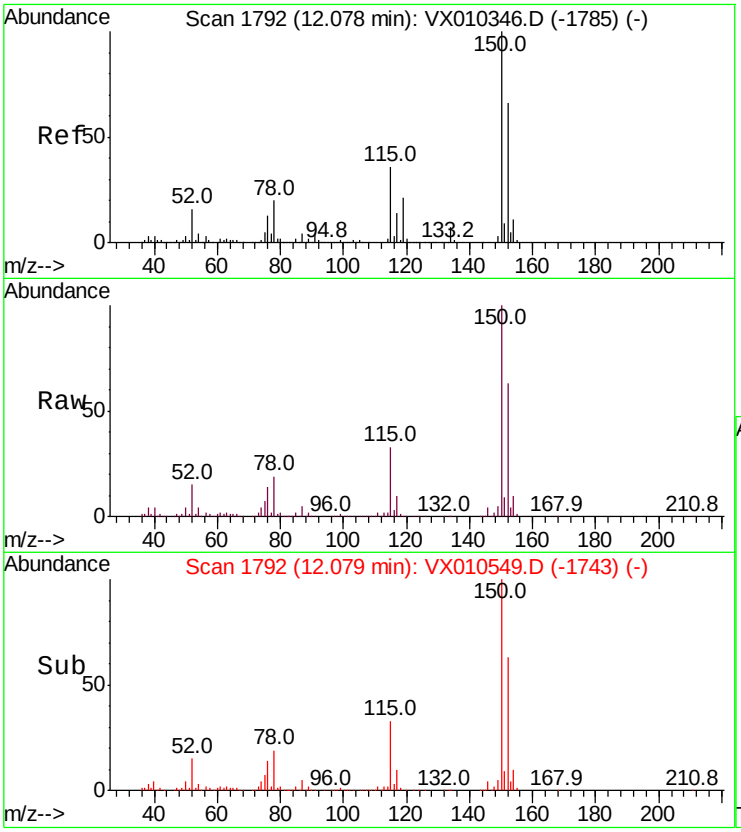


#65
Chlorobenzene
Concen: 36.531 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Tgt Ion:112 Resp: 261674

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.4	38.2



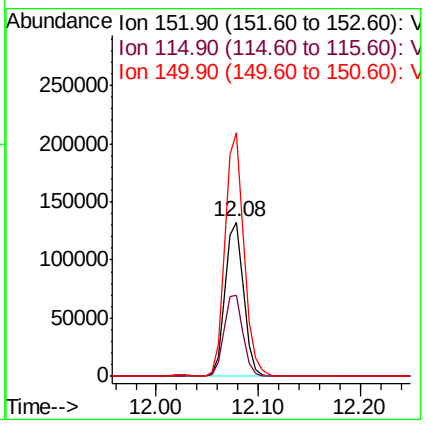


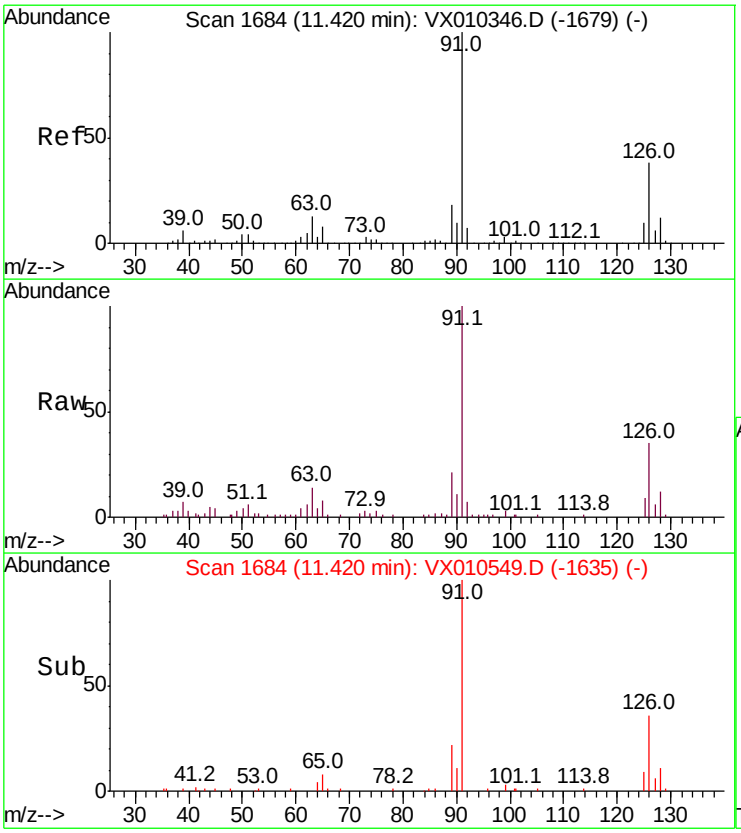
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
RW-12D

Tgt Ion:152 Resp: 165265

Ion	Ratio	Lower	Upper
152	100		
115	53.7	38.6	115.7
150	160.8	0.0	347.4

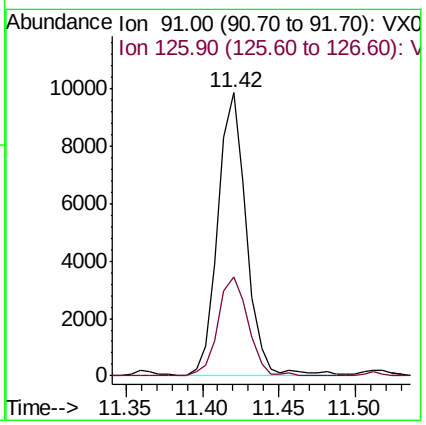


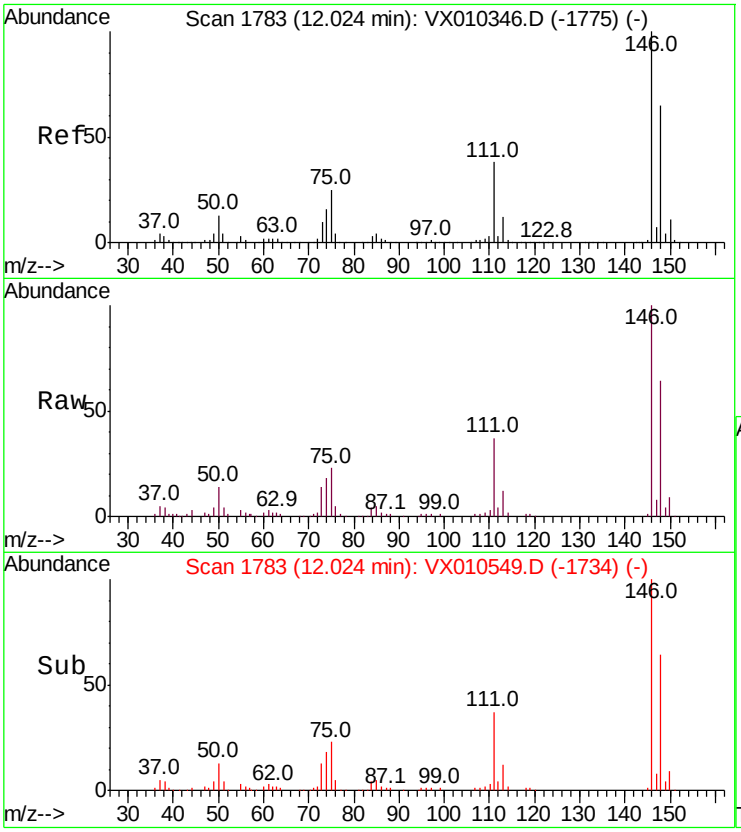


#79
2-Chlorotoluene
Concen: 1.744 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Tgt Ion: 91 Resp: 12785

Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.7	56.1



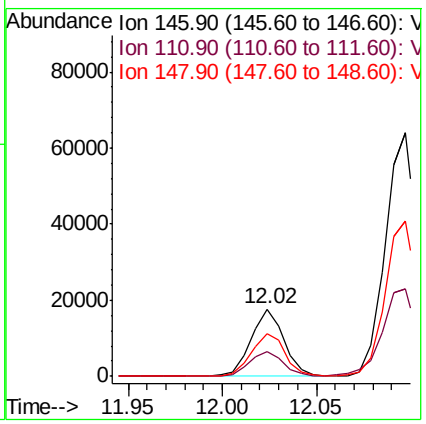


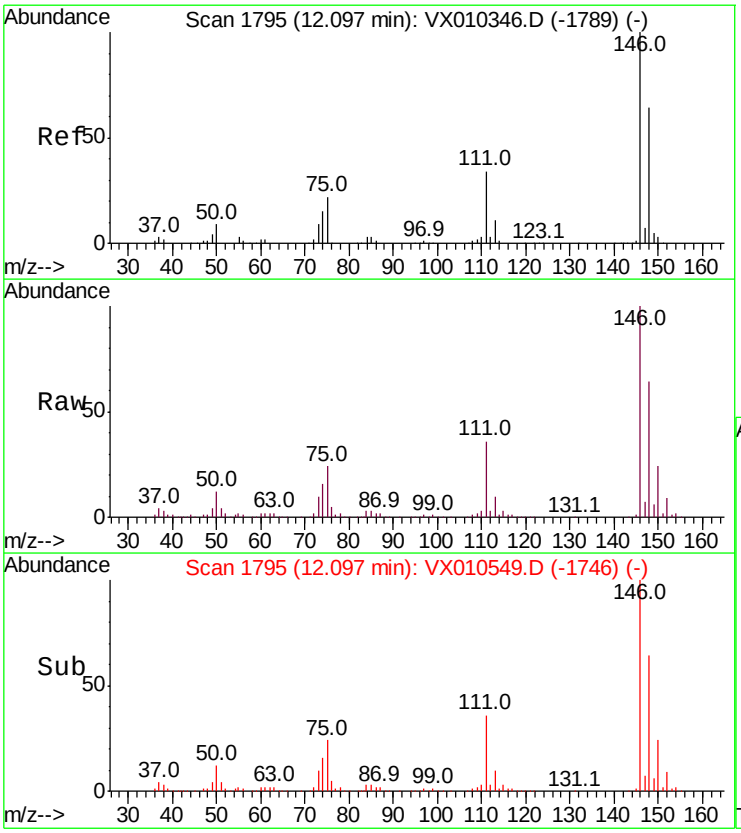
#87
1,3-Dichlorobenzene
Concen: 3.917 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
RW-12D

Tgt Ion:146 Resp: 21387

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	65.1	32.5	97.4

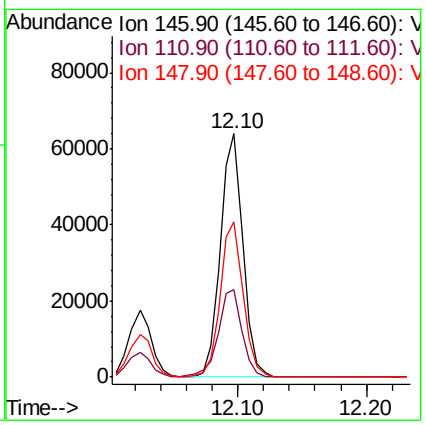


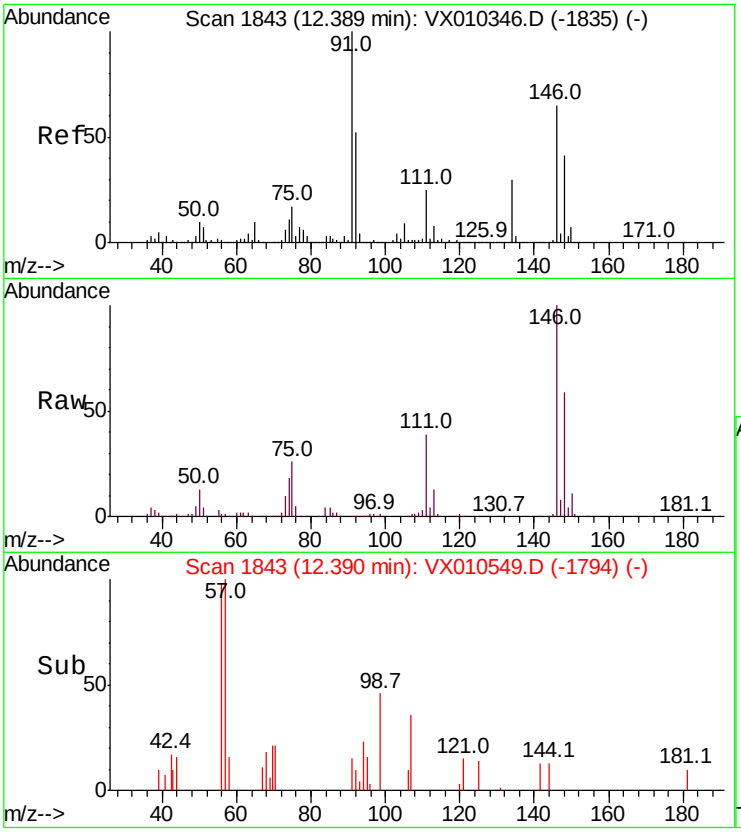


#88
1,4-Dichlorobenzene
Concen: 14.239 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Tgt Ion:146 Resp: 79154

Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.3
148	64.9	32.1	96.3





#91
1,2-Dichlorobenzene
Concen: 9.316 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010549.D
Acq: 28 Jun 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
RW-12D

Tgt Ion:146 Resp: 50559

Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.2	57.6
148	63.4	32.0	96.0