Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041719\
Data File : VX009028.D
Acq On : 17 Apr 2019 20:27
Operator : JC/SP
Sample : K2449-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0510-190415

Quant Time: Apr 18 01:40:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	163080	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.58%			
35) Dibromofluoromethane	5.50	113	119368	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.06%			
50) Toluene-d8	8.71	98	498996	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.54%			
62) 4-Bromofluorobenzene	11.13	95	165240	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.50%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	146	3.911	ug/l #	80
10) Methyl Iodide	2.52	142	68	4.437	ug/l #	42
11) Tert butyl alcohol	3.01	59	218	0.279	ug/l	98
16) Acetone	2.45	43	2512	1.375	ug/l	97
17) Carbon Disulfide	2.57	76	388	1.301	ug/l #	75
28) Bromochloromethane	5.02	49	20	Below Cal	#	21
31) Cyclohexane	5.67	56	5491	0.979	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	19805	4.790	ug/l #	50
38) Carbon Tetrachloride	5.67	117	23950	6.833	ug/l #	17
44) Trichloroethene	7.21	130	617	0.206	ug/l	80
49) 1,4-Dioxane	7.93	88	19	0.240	ug/l #	19
60) Dibromochloromethane	9.34	129	9330	3.360	ug/l #	11
64) Tetrachloroethene	9.34	164	9847	3.727	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	84620	23.337	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	84620	59.913	ug/l #	11

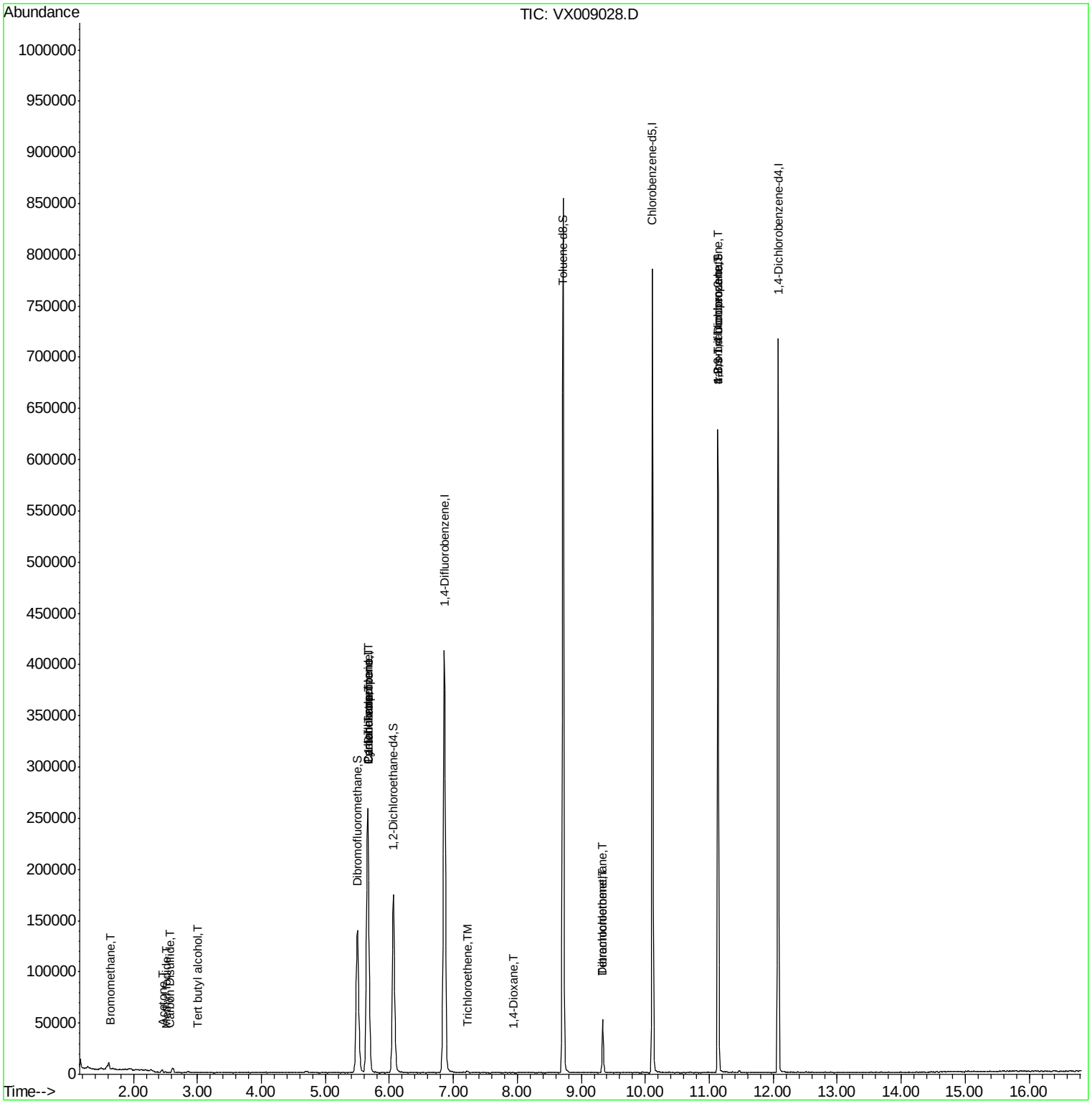
(#) = qualifier out of range (m) = manual integration (+) = signals summed

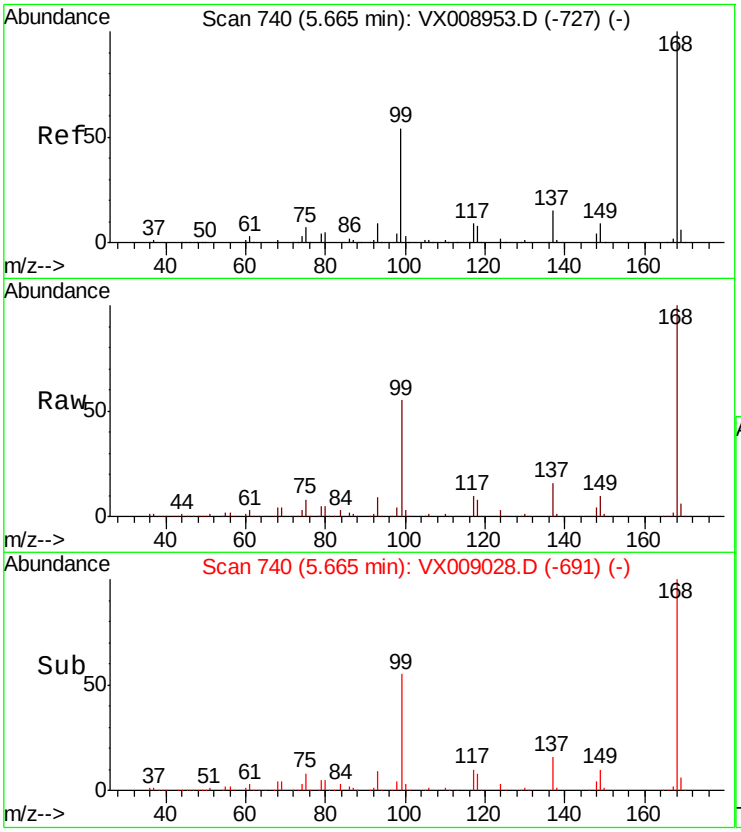
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041719\
Data File : VX009028.D
Acq On : 17 Apr 2019 20:27
Operator : JC/SP
Sample : K2449-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Quant Time: Apr 18 01:40:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration



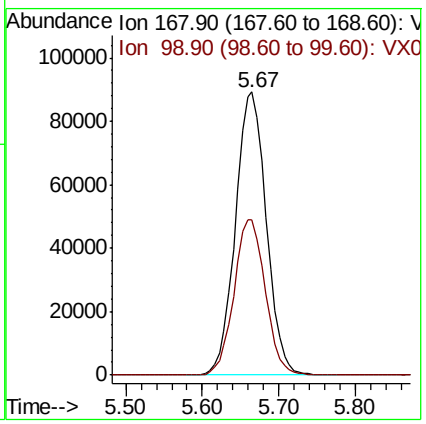


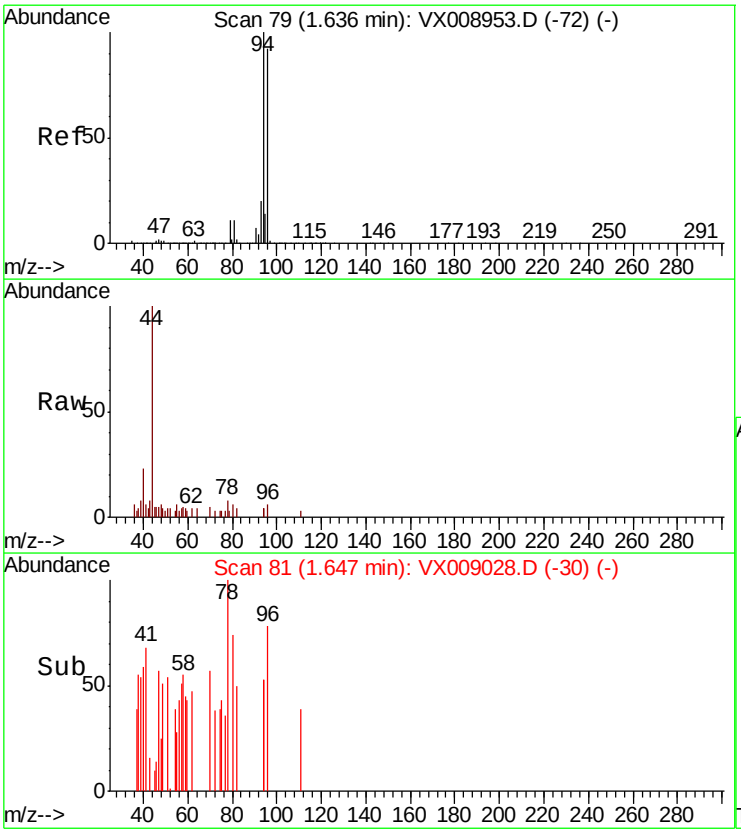
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Tgt Ion:168 Resp: 250000

Ion	Ratio	Lower	Upper
168	100		
99	54.7	43.0	64.6

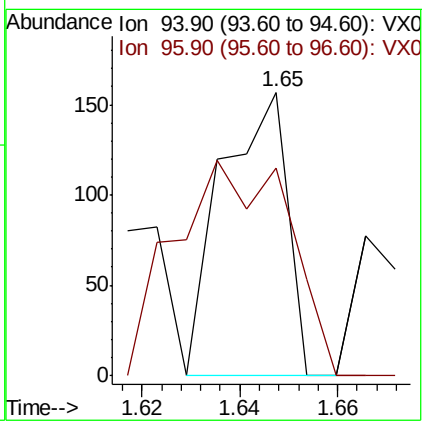


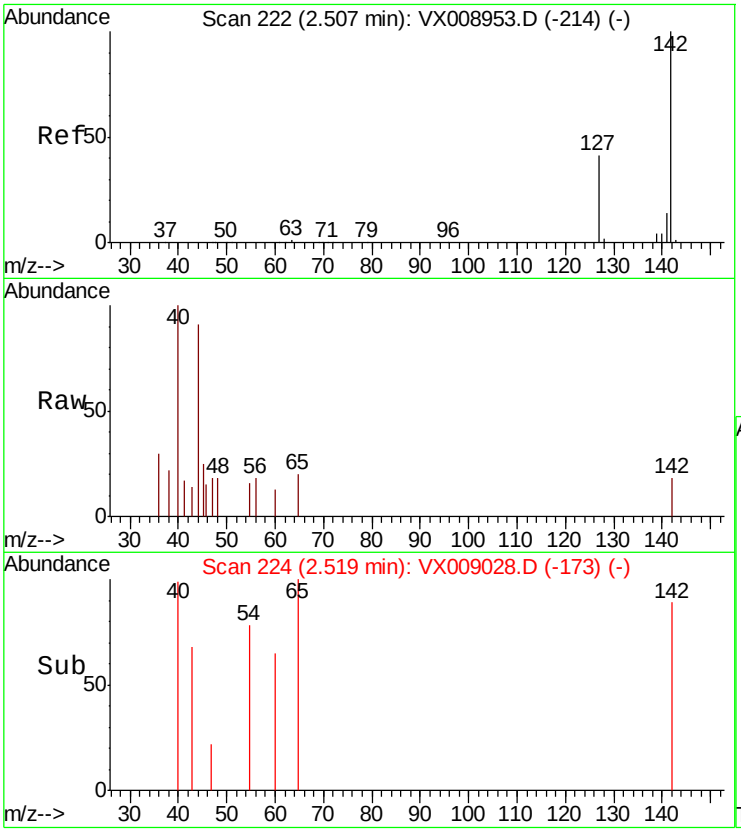


#5
Bromomethane
Concen: 3.911 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion: 94 Resp: 146

Ion	Ratio	Lower	Upper
94	100		
96	73.2	73.9	110.9#



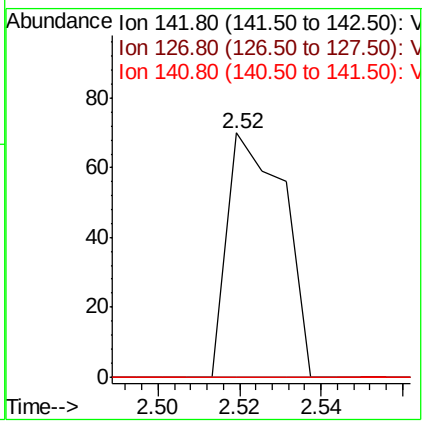


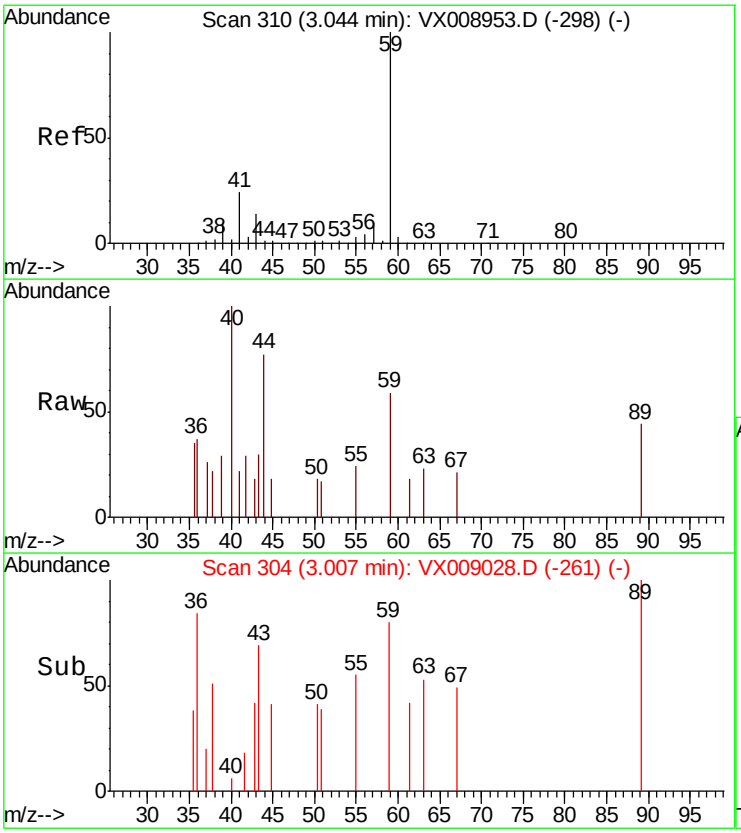
#10
Methyl Iodide
Concen: 4.437 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument : MSVOA_X
ClientSampleId : DUP-0510-190415

Tgt Ion:142 Resp: 68

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.8	49.2#
141	0.0	11.4	17.2#

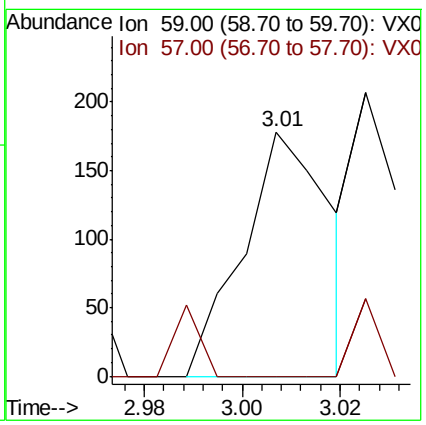


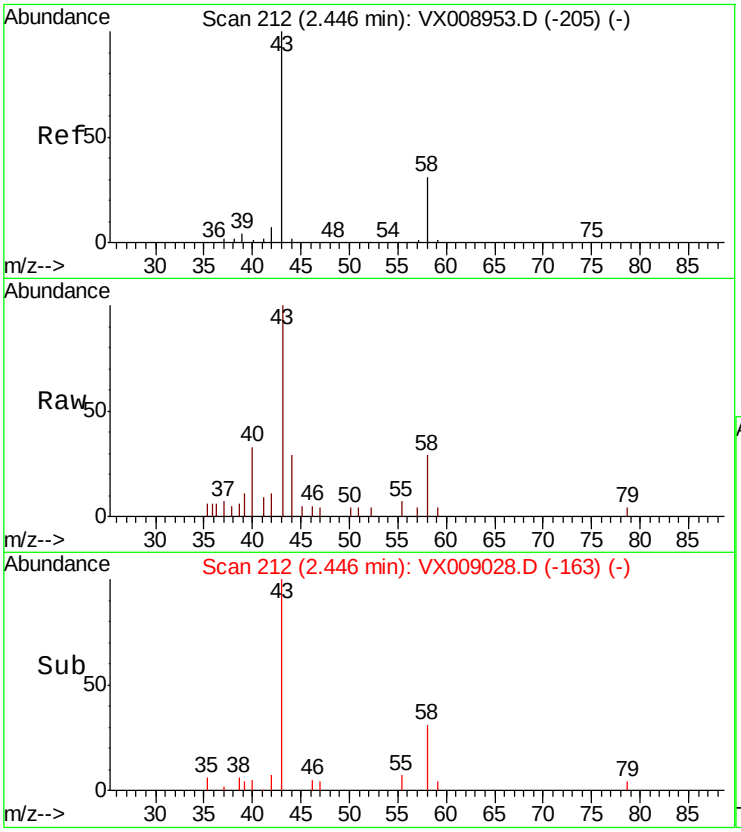


#11
Tert butyl alcohol
Concen: 0.279 ug/l
RT: 3.01 min Scan# 304
Delta R.T. -0.04 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion: 59 Resp: 218

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.4	12.6



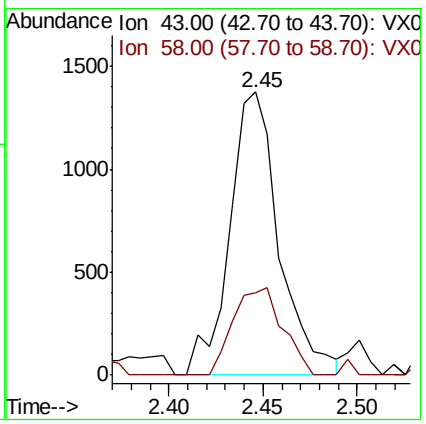


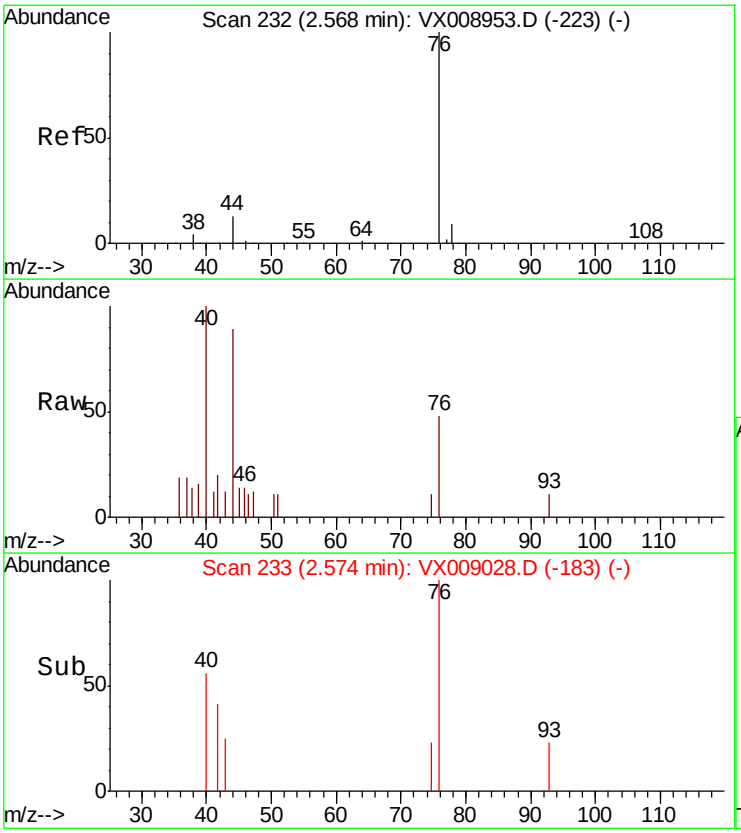
#16
Acetone
Concen: 1.375 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Tgt Ion: 43 Resp: 2512

Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.8	37.2

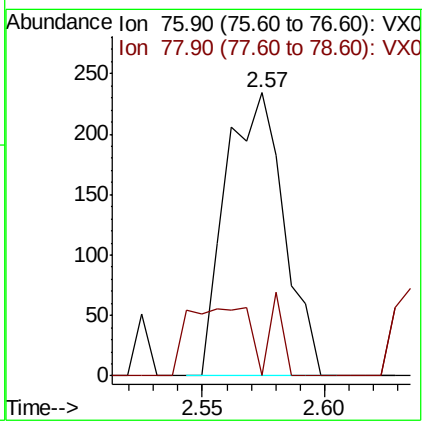


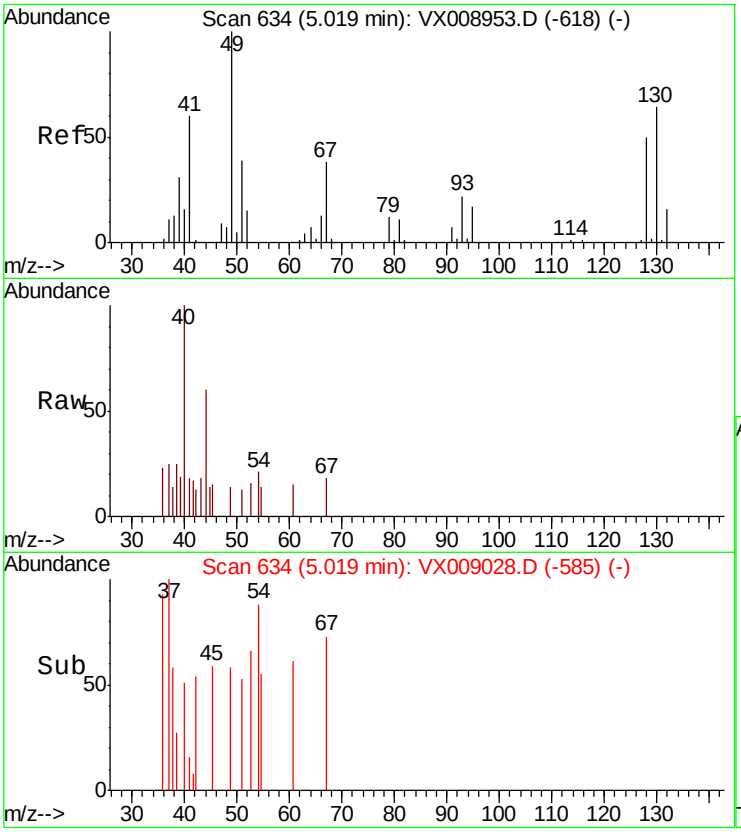


#17
Carbon Disulfide
Concen: 1.301 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion: 76 Resp: 388

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



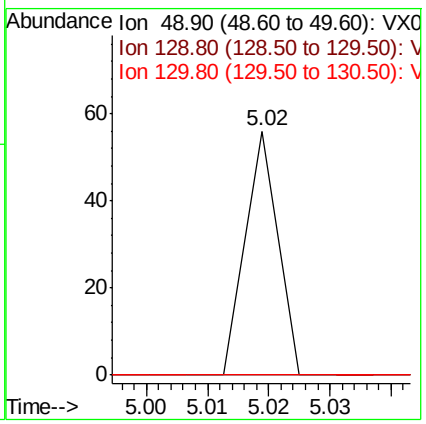


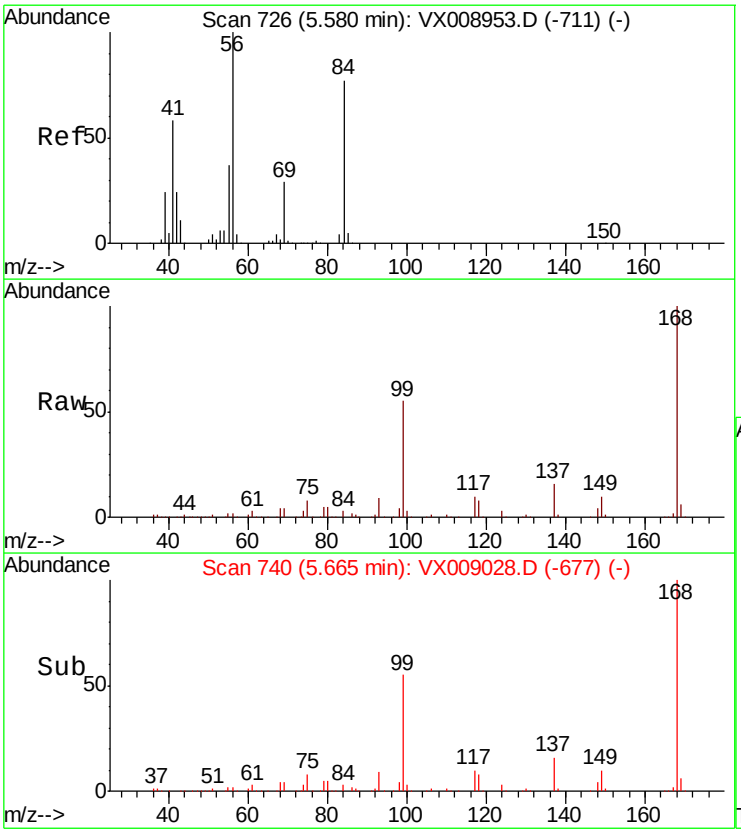
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Tgt Ion: 49 Resp: 20

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	50.4	75.6#

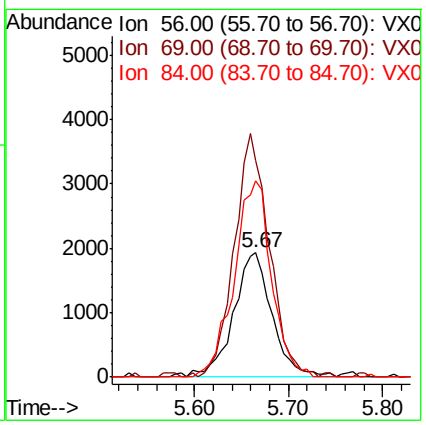


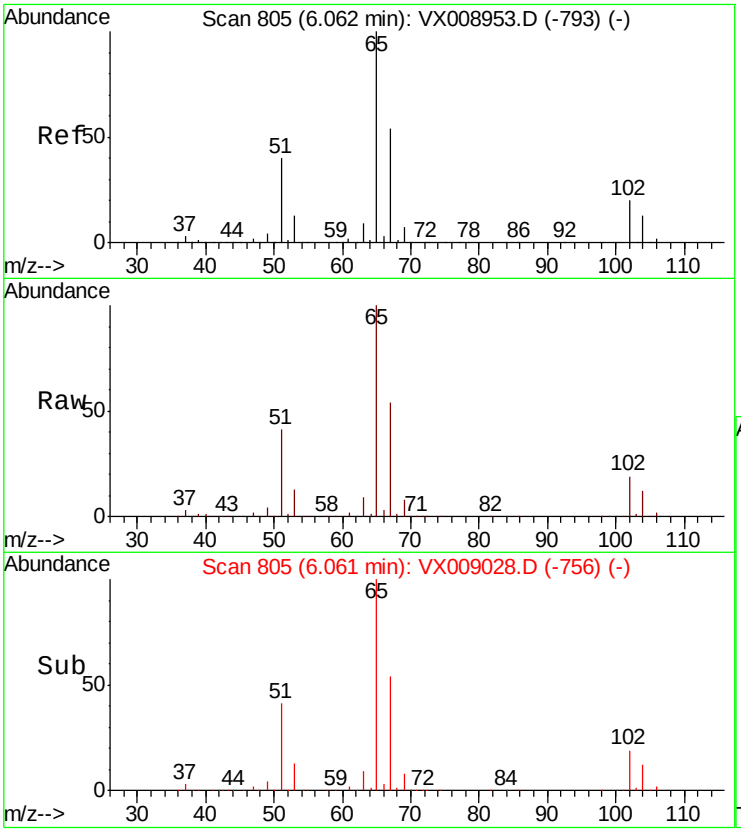


#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion: 56 Resp: 5491

Ion	Ratio	Lower	Upper
56	100		
69	174.7	23.3	34.9#
84	157.8	61.7	92.5#



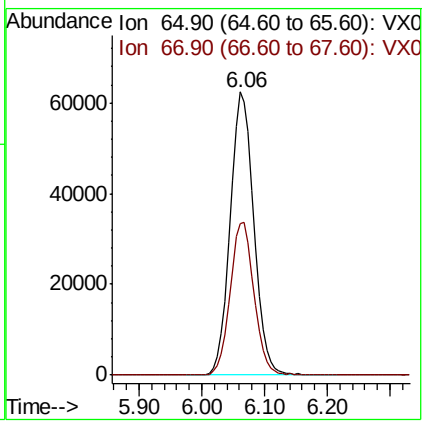


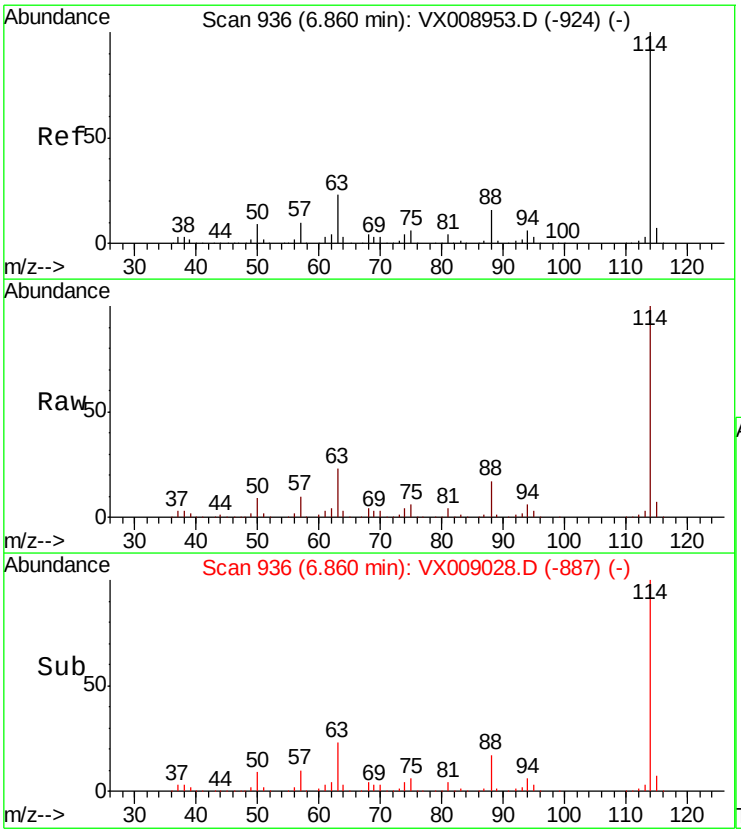
#33
1,2-Dichloroethane-d4
Concen: 46.287 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Tgt Ion: 65 Resp: 163080

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	108.6

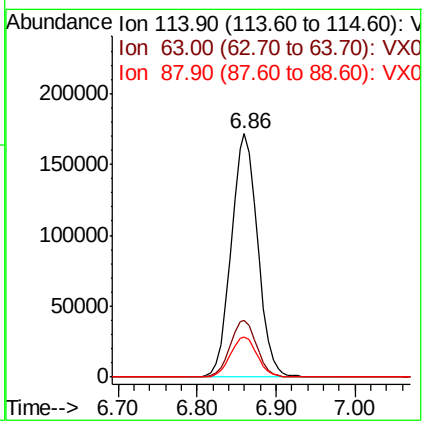


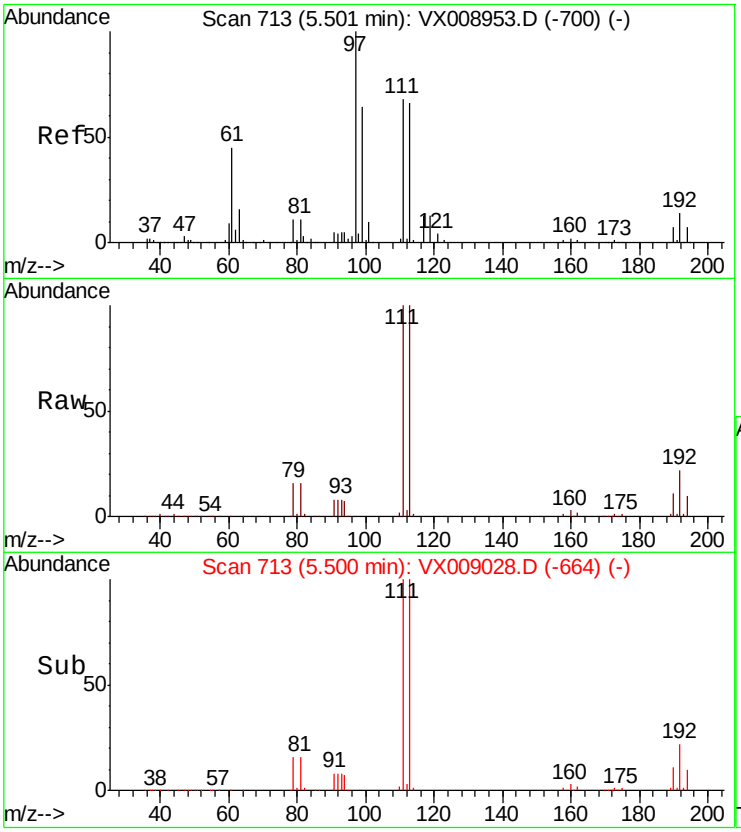


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion:114 Resp: 399771

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.0
88	16.7	0.0	32.6



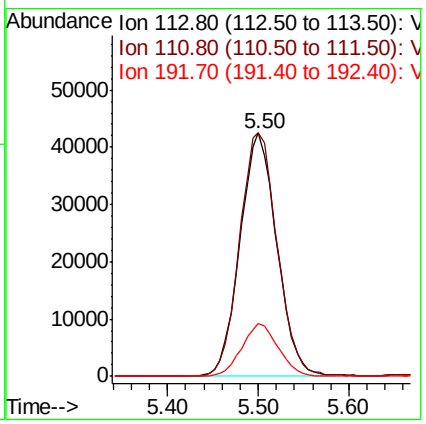


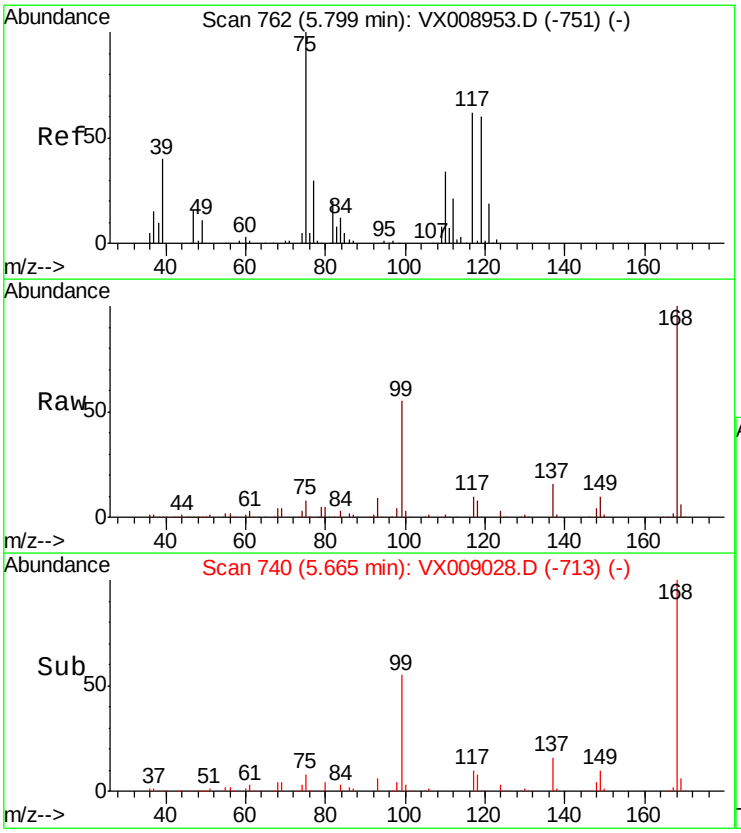
#35
Dibromofluoromethane
Concen: 46.526 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Tgt Ion:113 Resp: 119368

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	21.4	17.4	26.0

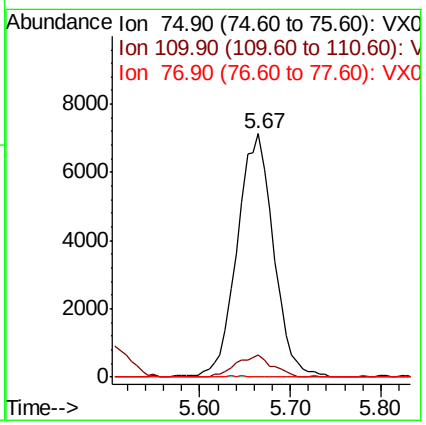


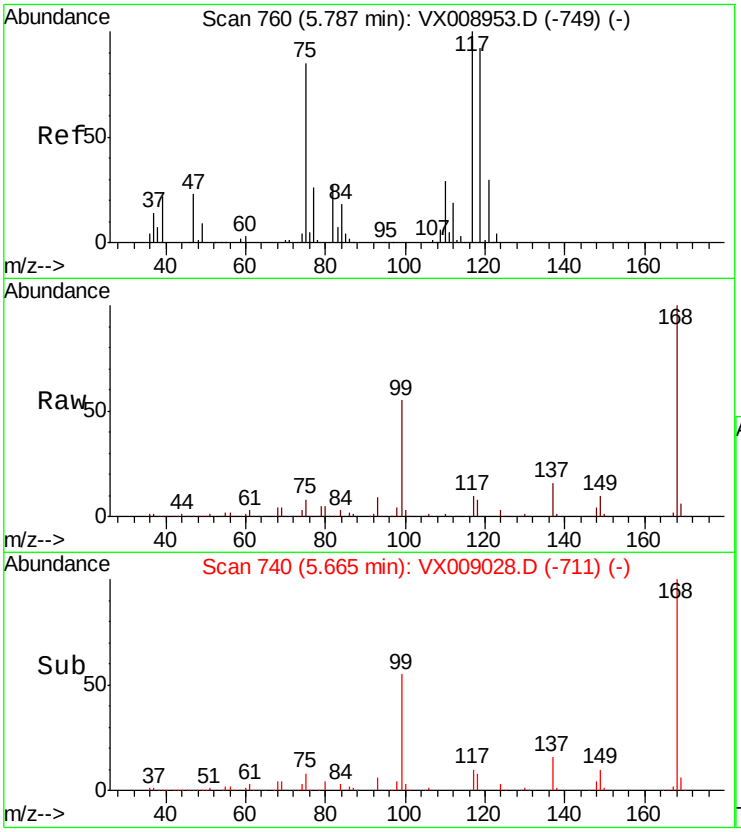


#36
1,1-Dichloropropene
Concen: 4.790 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion: 75 Resp: 19805

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.9	50.7#
77	0.2	25.0	37.4#



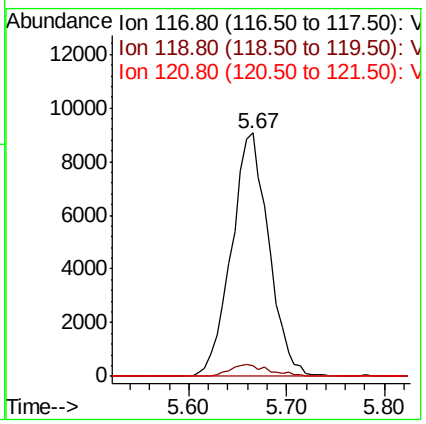


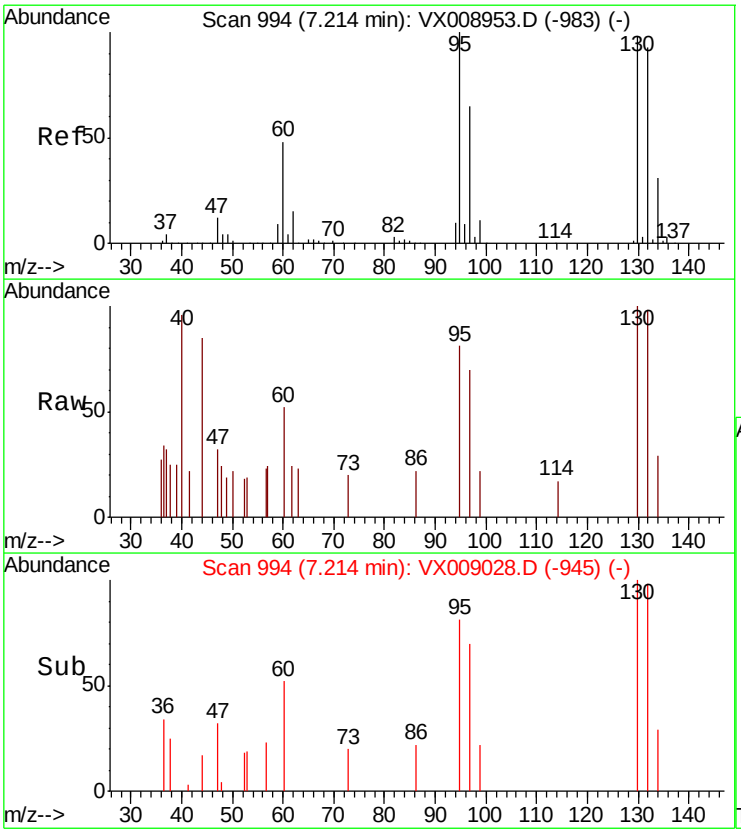
#38
Carbon Tetrachloride
Concen: 6.833 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Tgt Ion:117 Resp: 23950

Ion	Ratio	Lower	Upper
117	100		
119	4.6	73.8	110.8#
121	0.0	23.6	35.4#

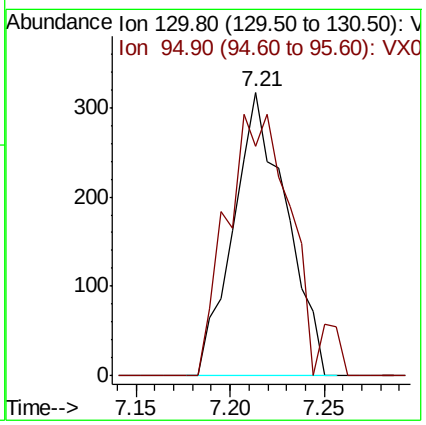


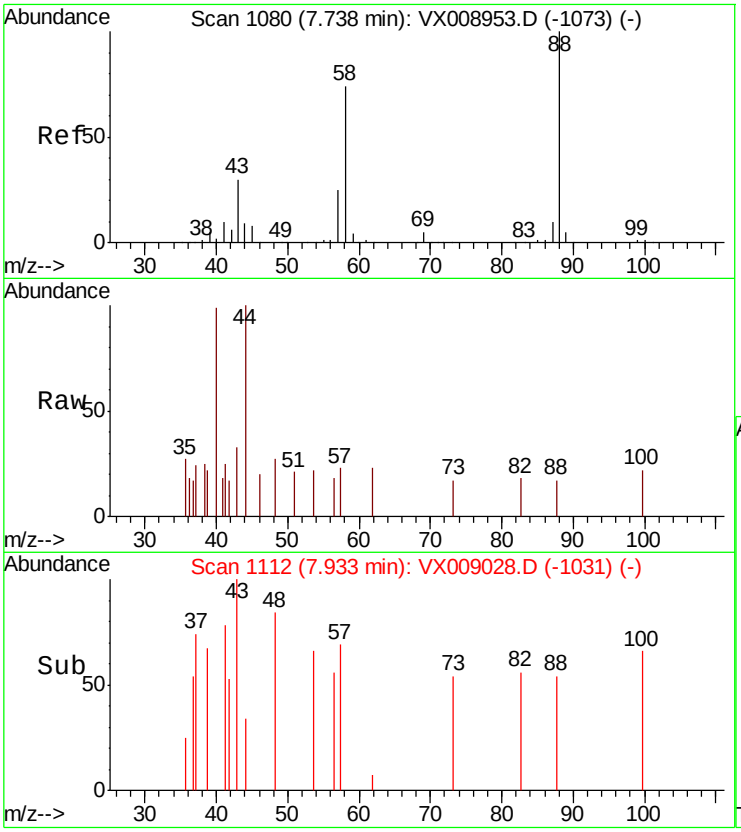


#44
Trichloroethene
Concen: 0.206 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion:130 Resp: 617

Ion	Ratio	Lower	Upper
130	100		
95	81.1	0.0	203.2



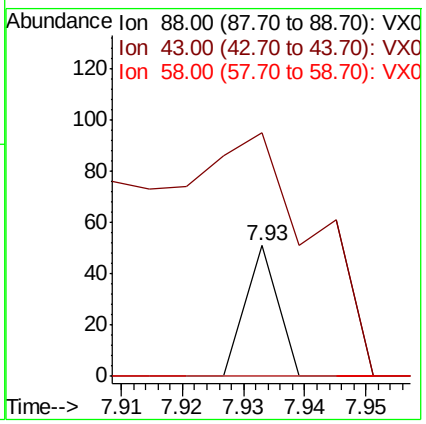


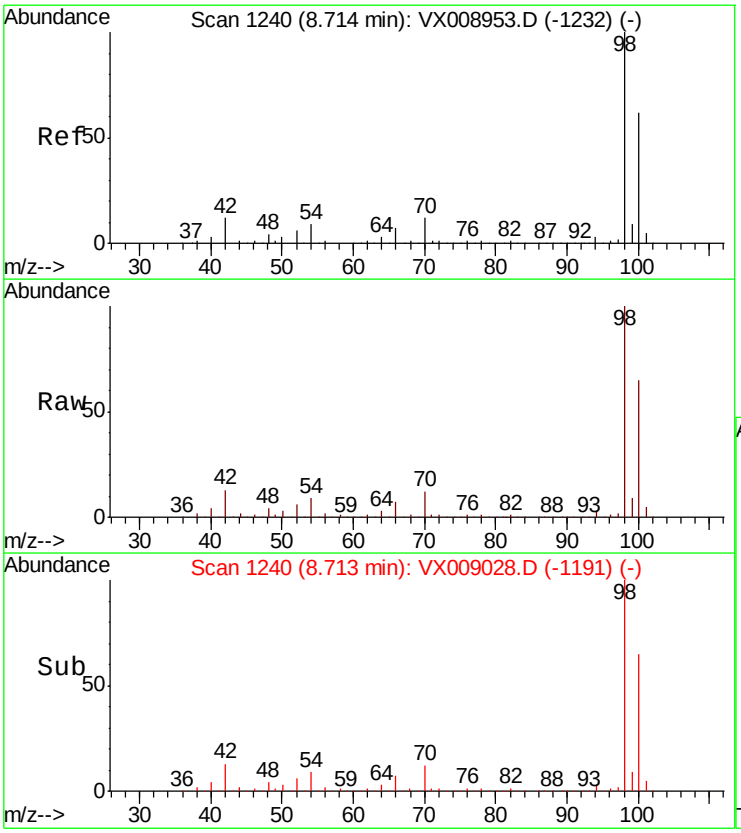
#49
1,4-Dioxane
Concen: 0.240 ug/l
RT: 7.93 min Scan# 1112
Delta R.T. 0.19 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.3	43.9#
58	0.0	62.6	93.8#

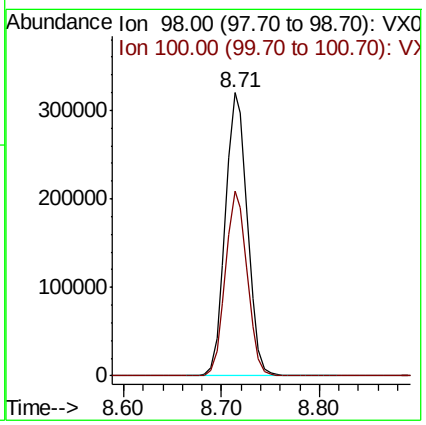


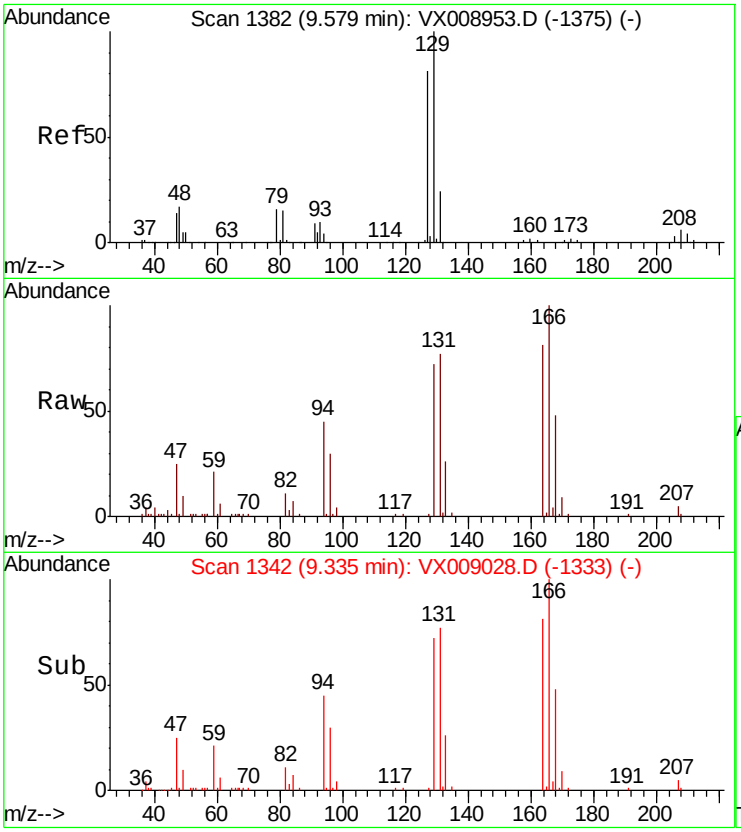


#50
Toluene-d8
Concen: 48.769 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion: 98 Resp: 498996

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.2



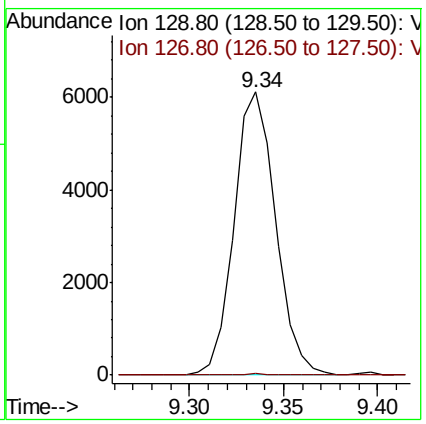


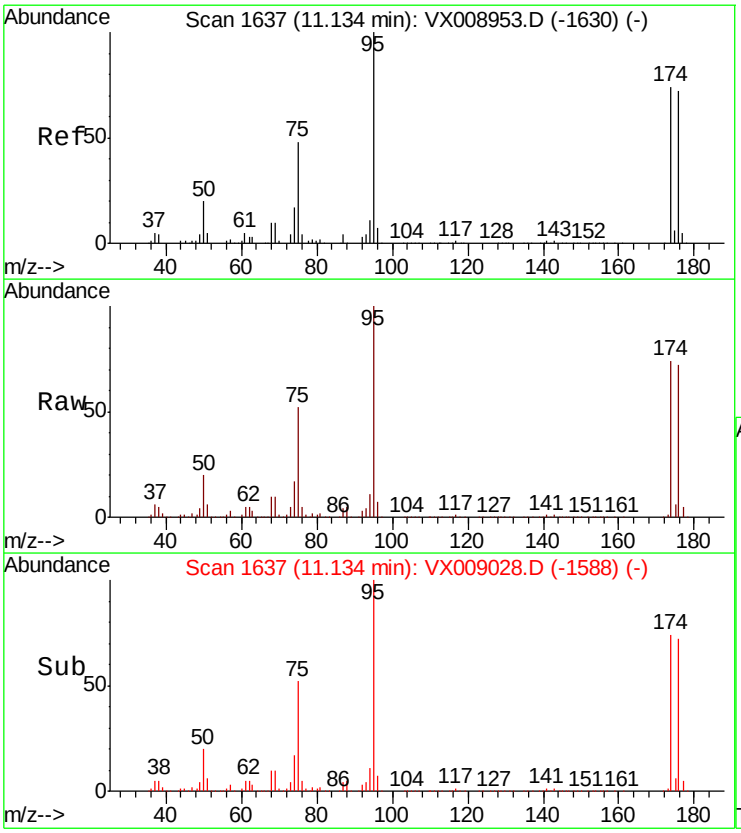
#60
Dibromochloromethane
Concen: 3.360 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Tgt Ion:129 Resp: 9330

Ion	Ratio	Lower	Upper
129	100		
127	0.2	39.1	117.2#

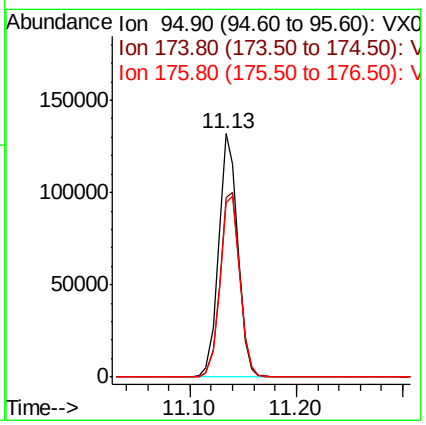


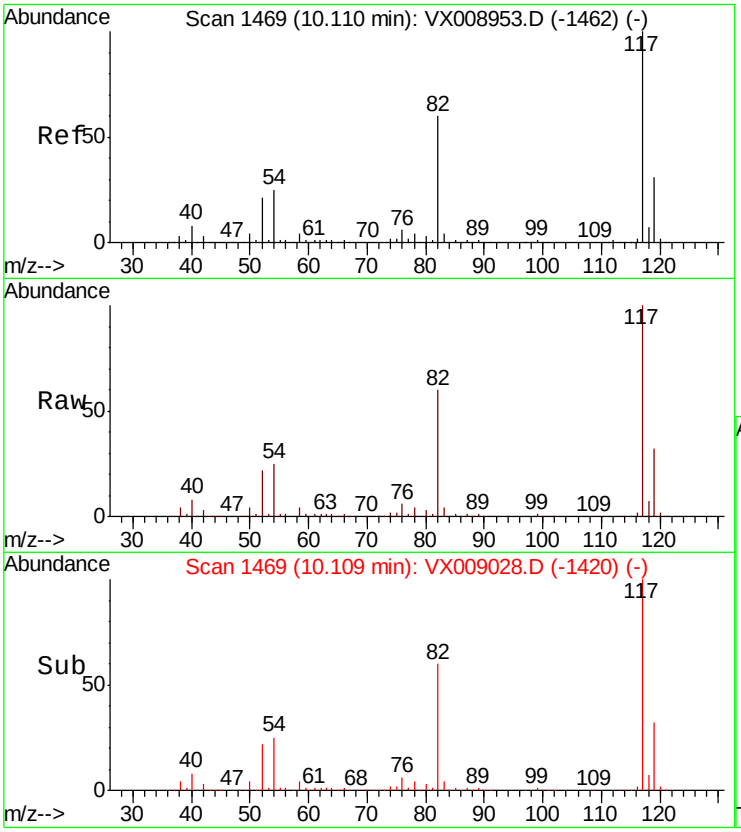


#62
4-Bromofluorobenzene
Concen: 45.749 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion: 95 Resp: 165240

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	159.6
176	76.7	0.0	154.8



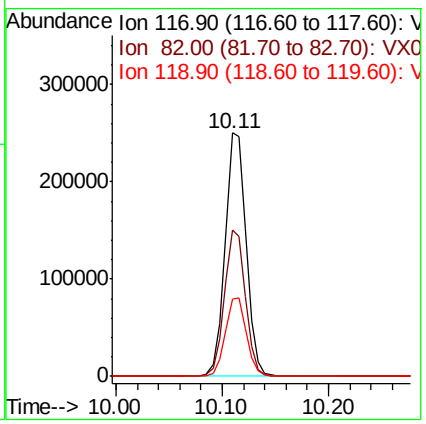


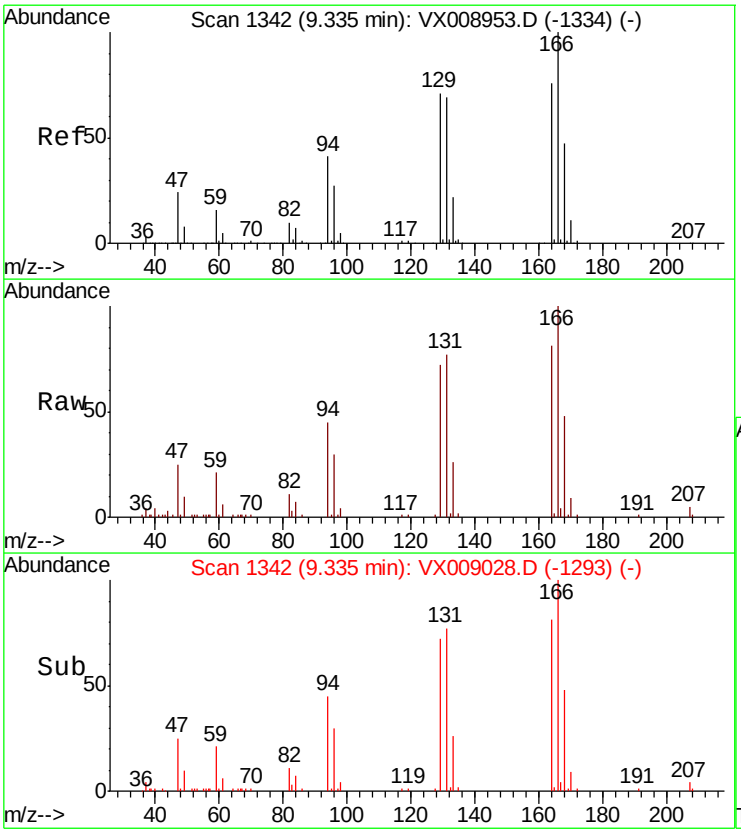
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument : MSVOA_X
ClientSampleId : DUP-0510-190415

Tgt Ion:117 Resp: 347806

Ion	Ratio	Lower	Upper
117	100		
82	59.9	48.2	72.4
119	31.6	25.0	37.6

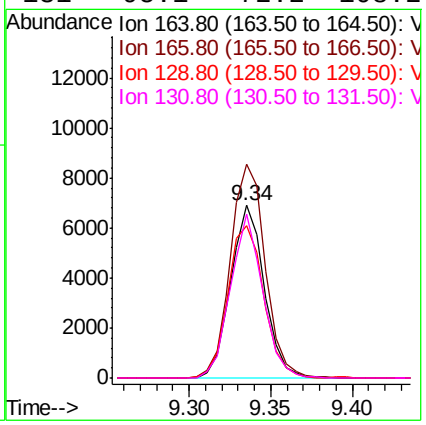


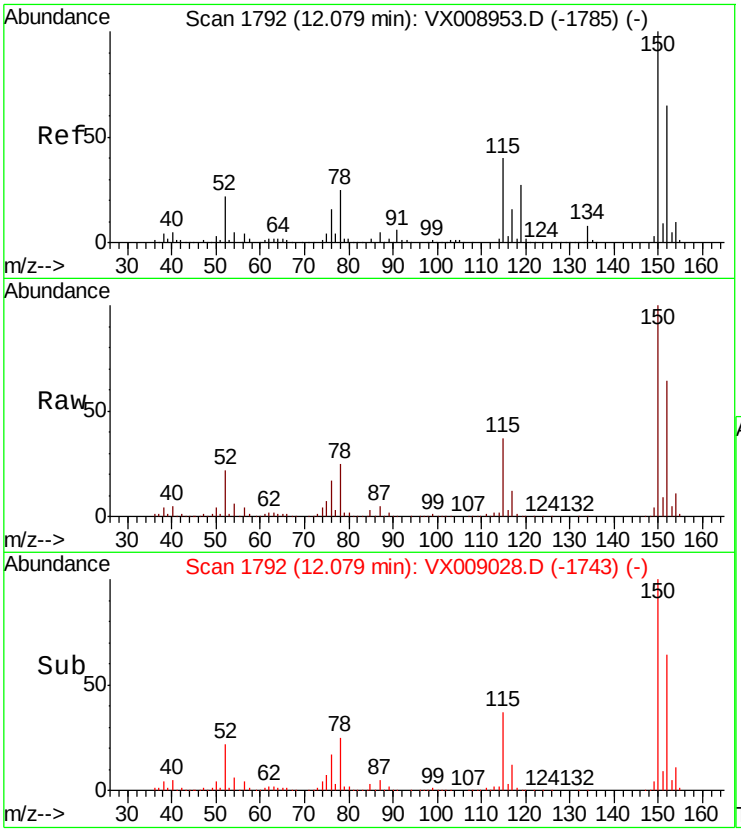


#64
Tetrachloroethene
Concen: 3.727 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion:164 Resp: 9847

Ion	Ratio	Lower	Upper
164	100		
166	124.0	105.0	157.4
129	88.8	74.2	111.4
131	95.1	72.2	108.2



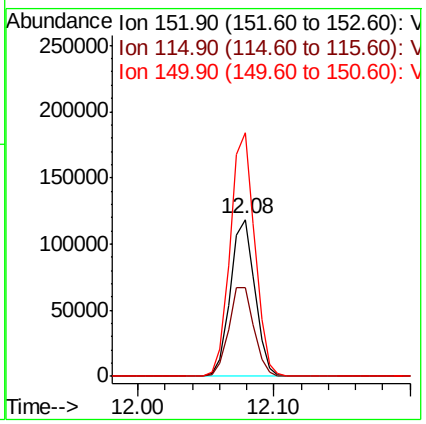


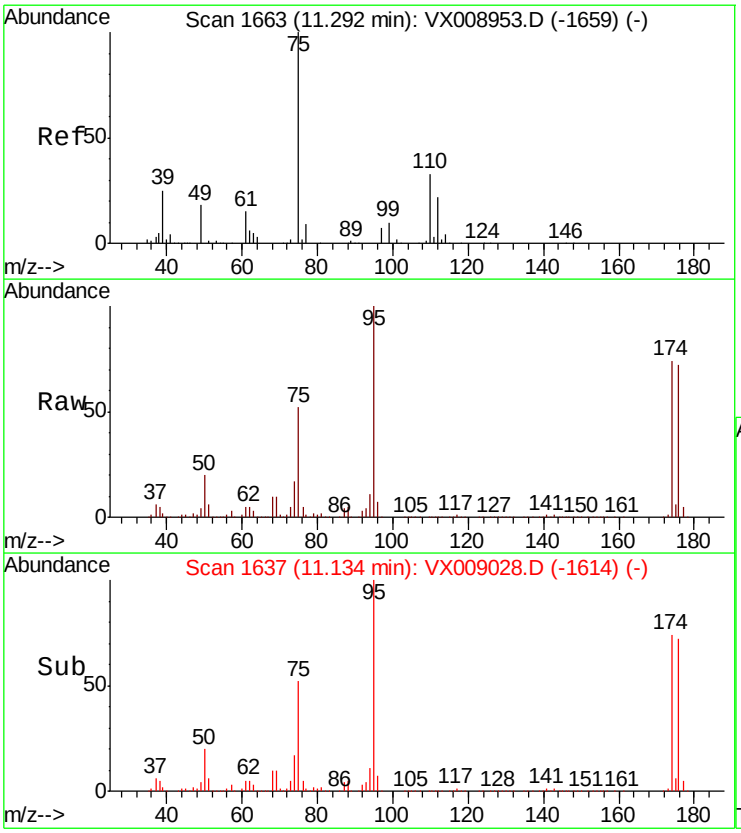
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Tgt Ion:152 Resp: 148496

Ion	Ratio	Lower	Upper
152	100		
115	58.5	41.4	124.2
150	155.1	0.0	349.8

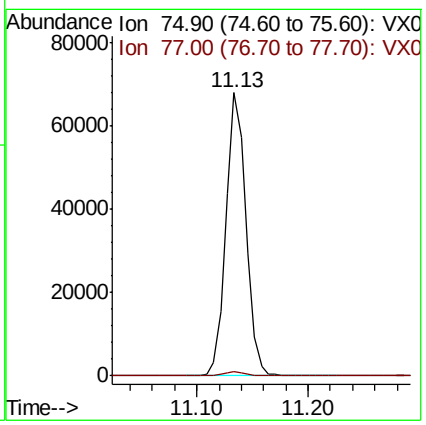


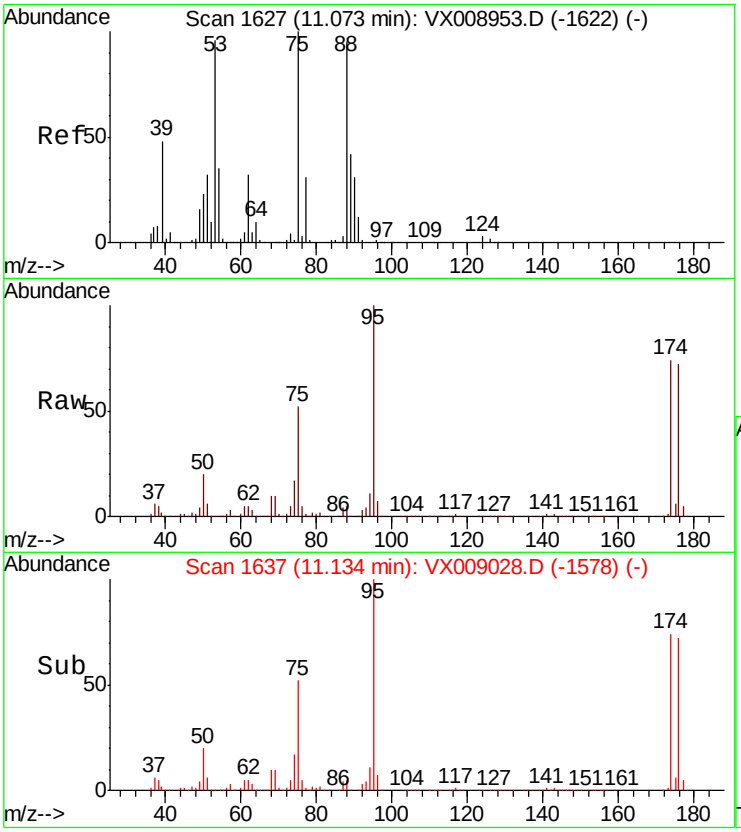


#76
1,2,3-Trichloropropane
Concen: 23.337 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Tgt Ion: 75 Resp: 84620

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.7	68.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.913 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009028.D
Acq: 17 Apr 2019 20:27

Instrument :
MSVOA_X
ClientSampleId :
DUP-0510-190415

Tgt Ion: 75 Resp: 84620

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.4#
89	0.1	36.0	54.0#