Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005170.D
Acq On : 09 Oct 2018 20:16
Operator : JC/MD
Sample : J5284-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-120D1-20181002

Quant Time: Oct 10 13:55:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	175546	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	287671	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	281520	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158597	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	138897	55.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.78%				
35) Dibromofluoromethane	5.50	113	117274	48.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.20%				
50) Toluene-d8	8.72	98	416410	51.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.76%				
62) 4-Bromofluorobenzene	11.14	95	147970	50.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.36%				
Target Compounds							Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34657	18.044	ug/l		98
12) 1,1-Dichloroethene	2.37	96	22999	12.091	ug/l		96
24) 1,1-Dichloroethane	3.70	63	9401	2.255	ug/l		97
27) cis-1,2-Dichloroethene	4.60	96	8713	3.746	ug/l		95
30) Chloroform	5.21	83	2812	0.714	ug/l		87
38) Carbon Tetrachloride	5.77	117	1854	0.530	ug/l		94
44) Trichloroethene	7.22	130	2128981	831.610	ug/l		99
49) 1,4-Dioxane	7.76	88	2264	31.504	ug/l	#	93
55) 1,1,2-Trichloroethane	9.22	97	2520	1.005	ug/l		93
64) Tetrachloroethene	9.34	164	2578	0.930	ug/l	#	77

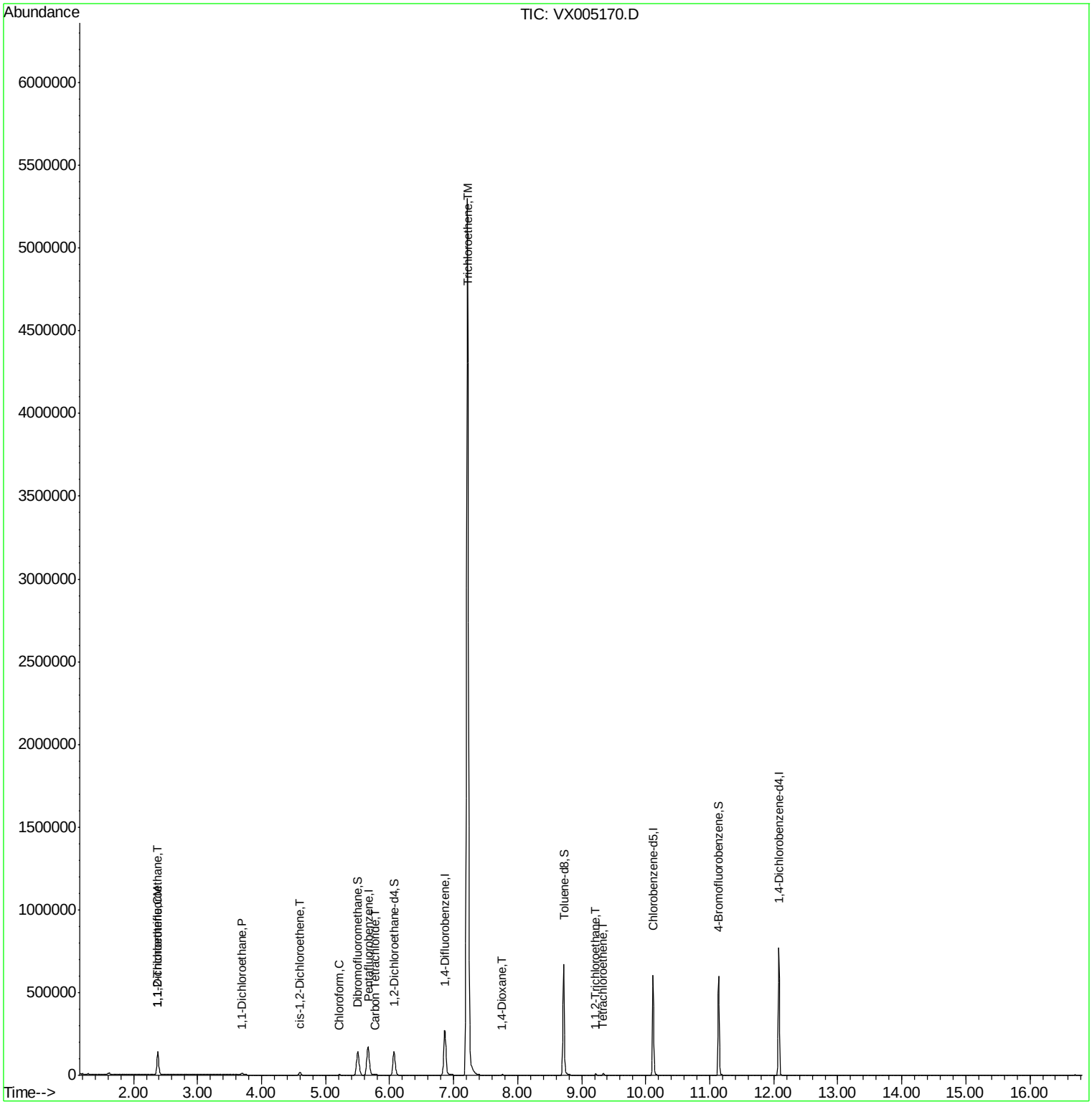
(#) = qualifier out of range (m) = manual integration (+) = signals summed

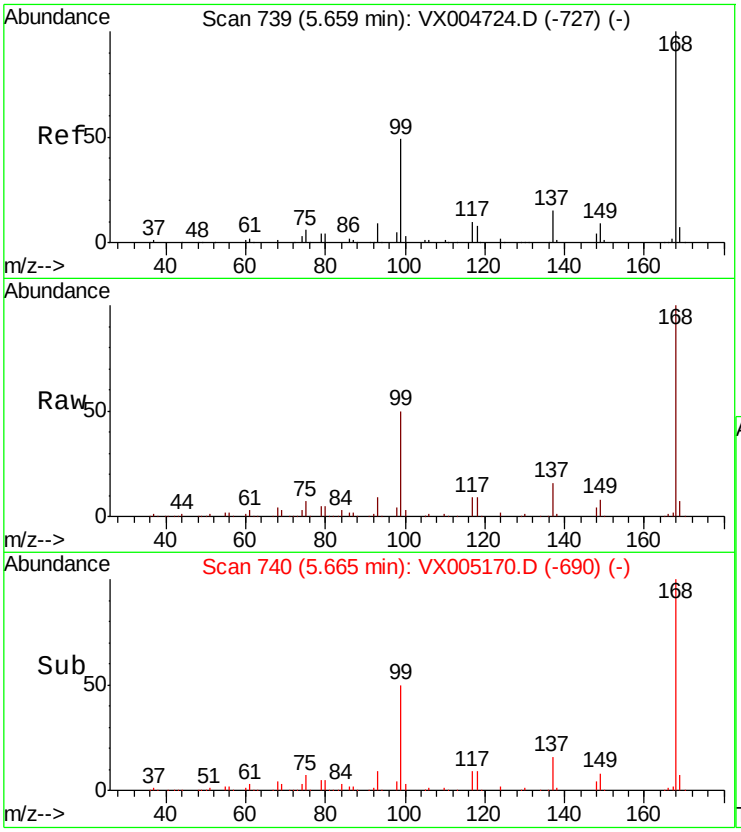
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100918\
Data File : VX005170.D
Acq On : 09 Oct 2018 20:16
Operator : JC/MD
Sample : J5284-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002

Quant Time: Oct 10 13:55:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



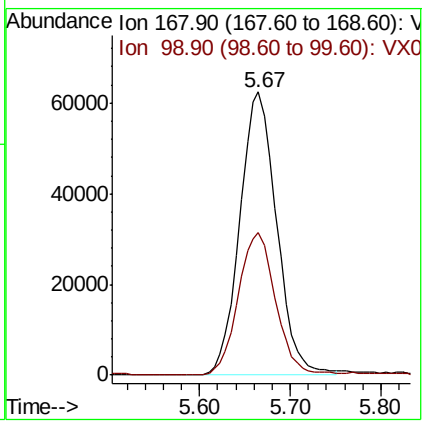


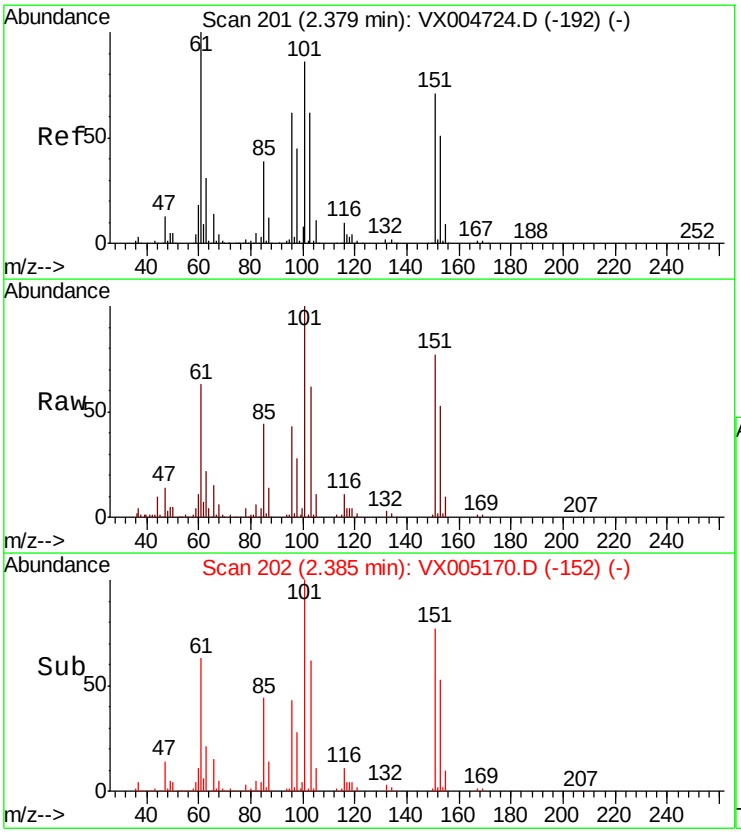
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002

Tgt Ion:168 Resp: 175546

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.3	58.9

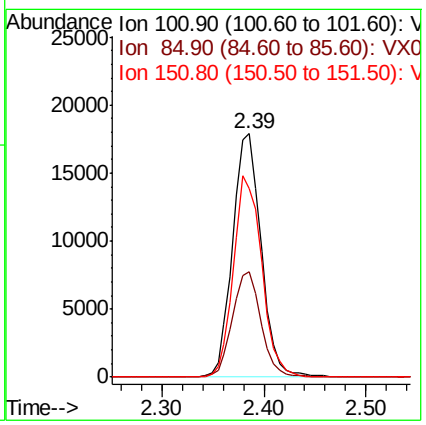


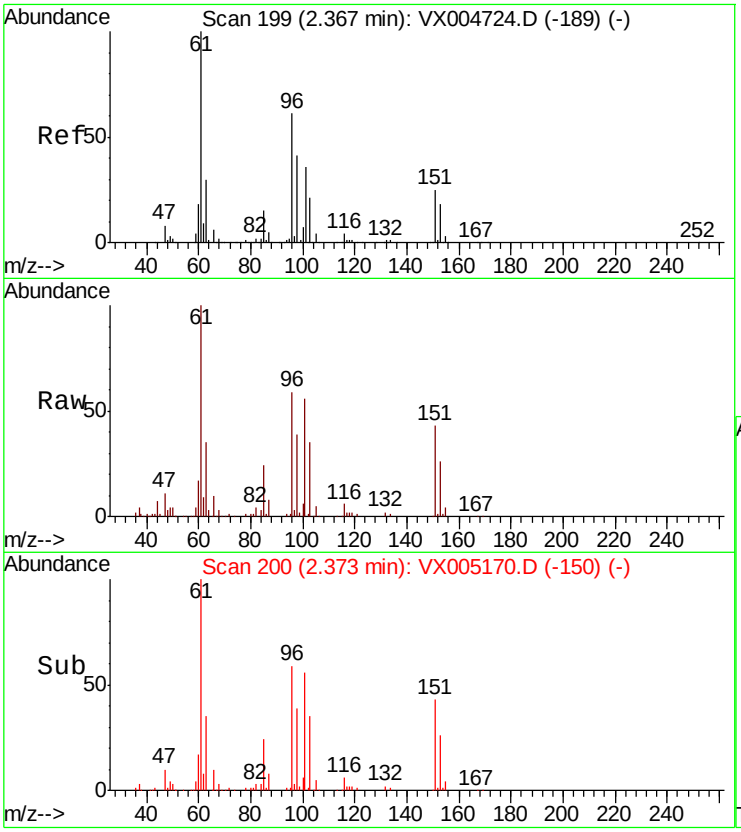


#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.044 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Tgt Ion:101 Resp: 34657

Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.9	53.9
151	81.9	66.6	100.0



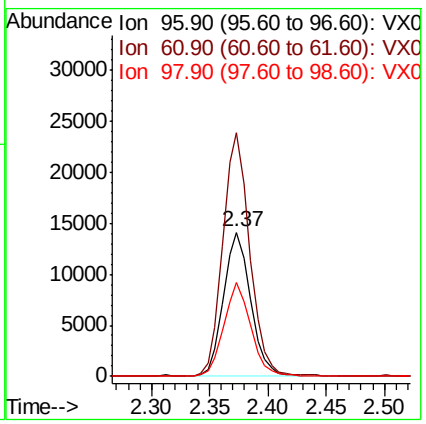


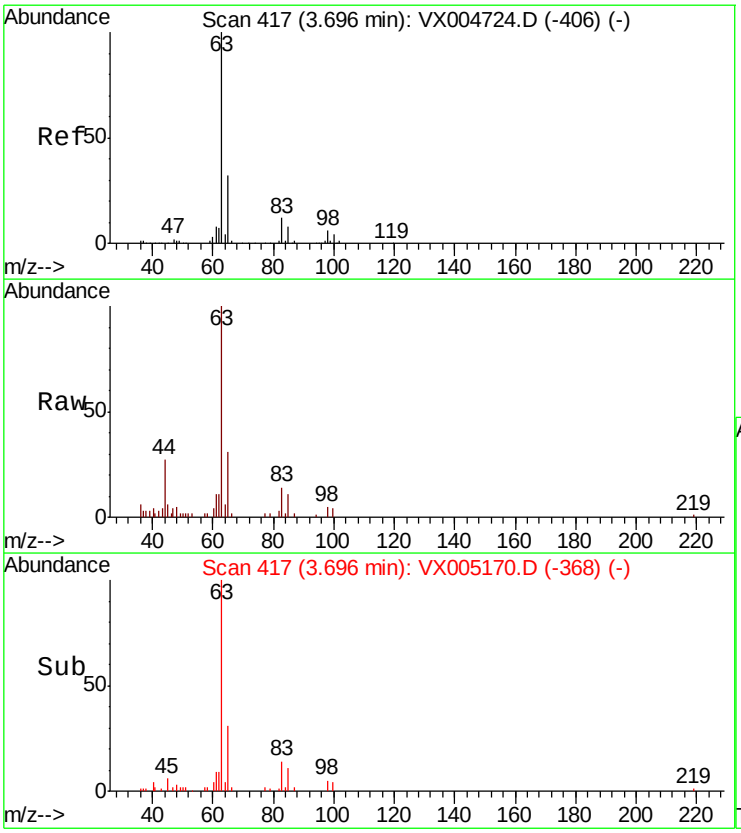
#12
1,1-Dichloroethene
Concen: 12.091 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002

Tgt Ion: 96 Resp: 22999

Ion	Ratio	Lower	Upper
96	100		
61	169.0	130.2	195.4
98	65.4	53.4	80.0

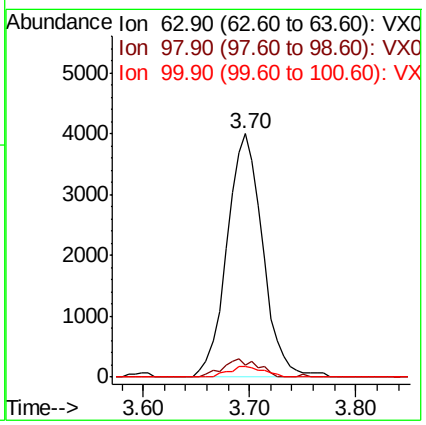


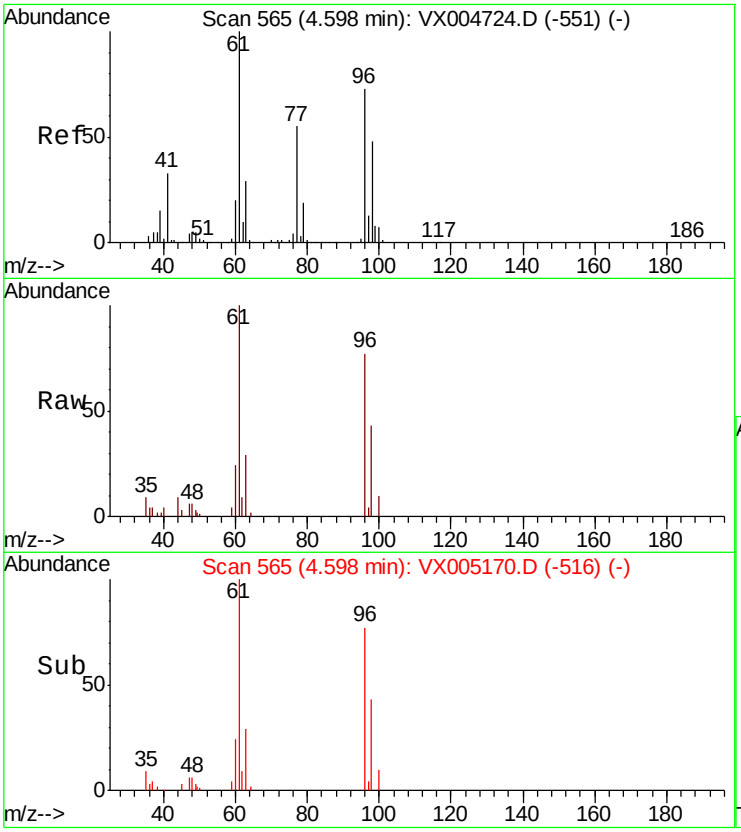


#24
1,1-Dichloroethane
Concen: 2.255 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Tgt Ion: 63 Resp: 9401

Ion	Ratio	Lower	Upper
63	100		
98	5.0	3.0	9.2
100	4.5	2.0	5.8



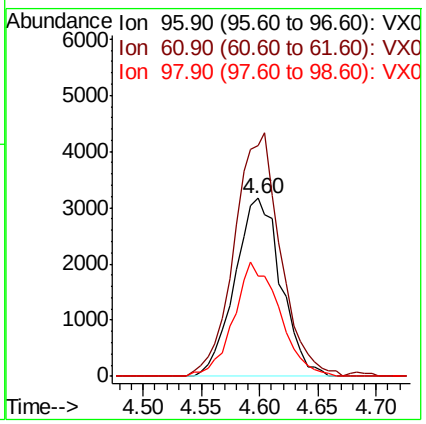


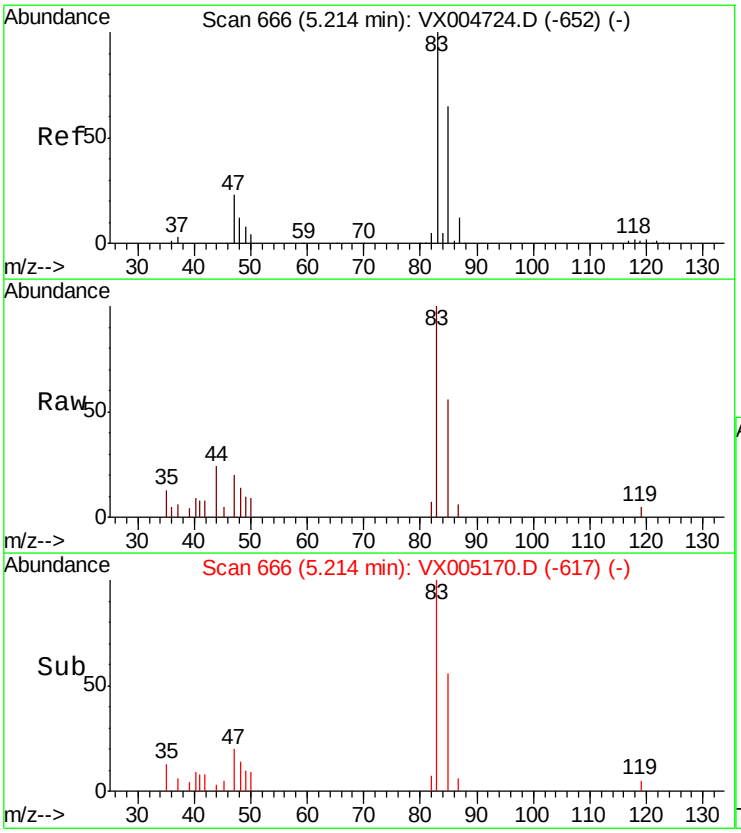
#27
cis-1,2-Dichloroethene
Concen: 3.746 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002

Tgt Ion: 96 Resp: 8713

Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	285.8
98	63.4	0.0	136.2

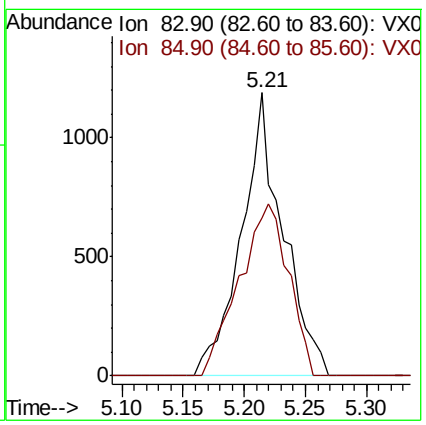


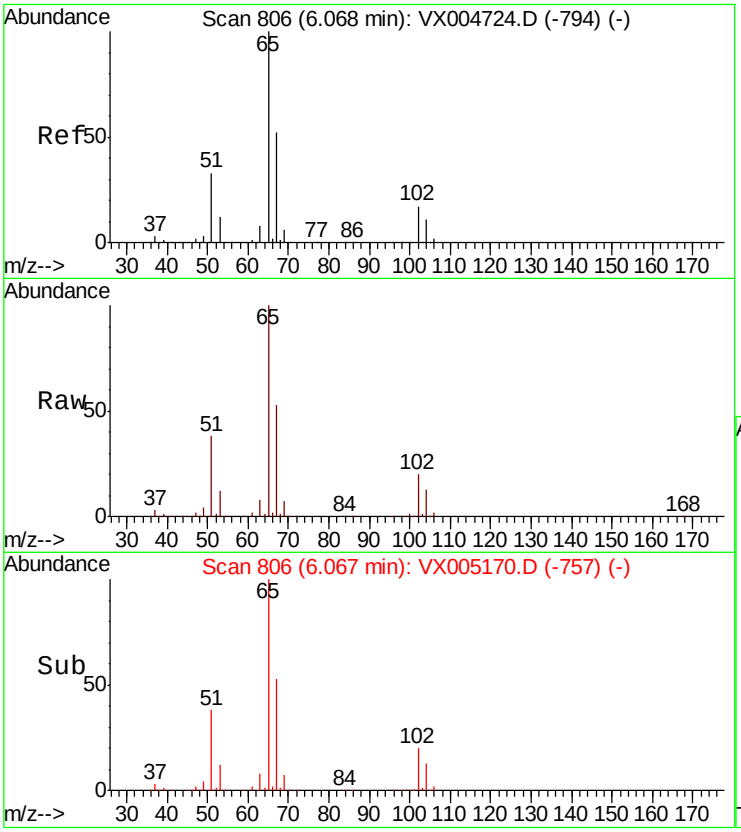


#30
Chloroform
Concen: 0.714 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Tgt Ion: 83 Resp: 2812

Ion	Ratio	Lower	Upper
83	100		
85	55.6	52.4	78.6



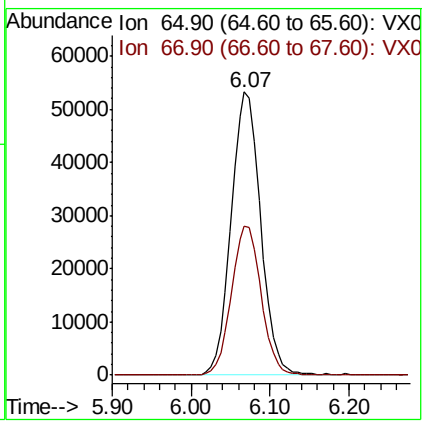


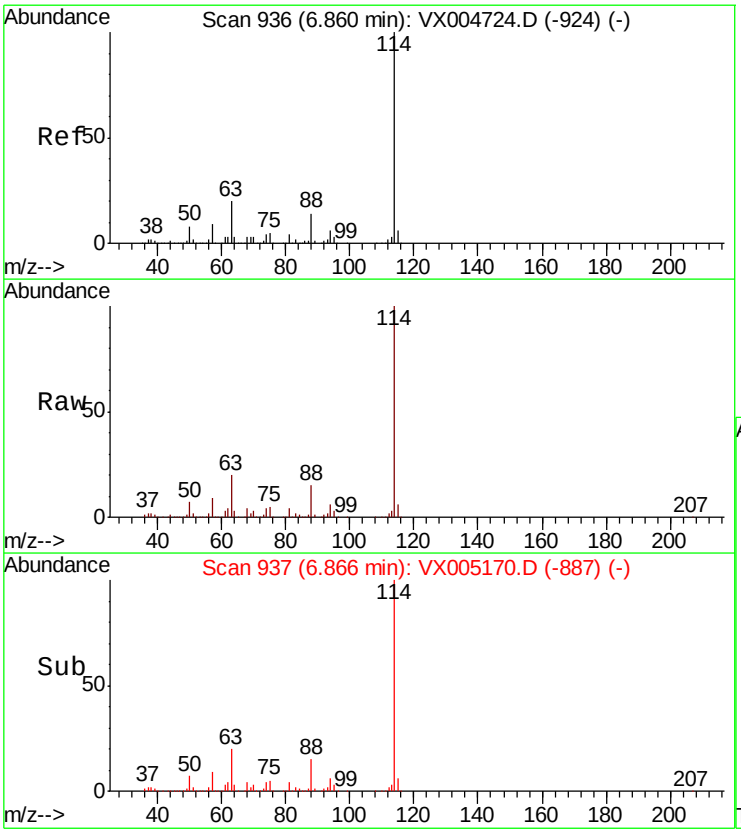
#33
1,2-Dichloroethane-d4
Concen: 55.389 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002

Tgt Ion: 65 Resp: 138897

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.4

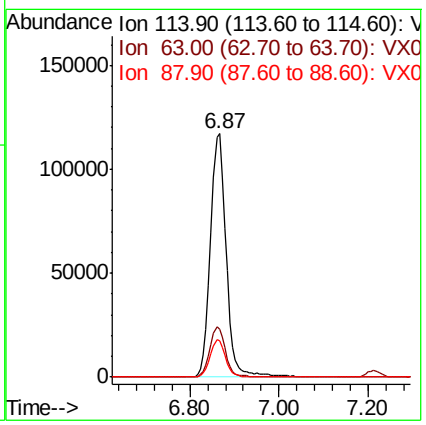


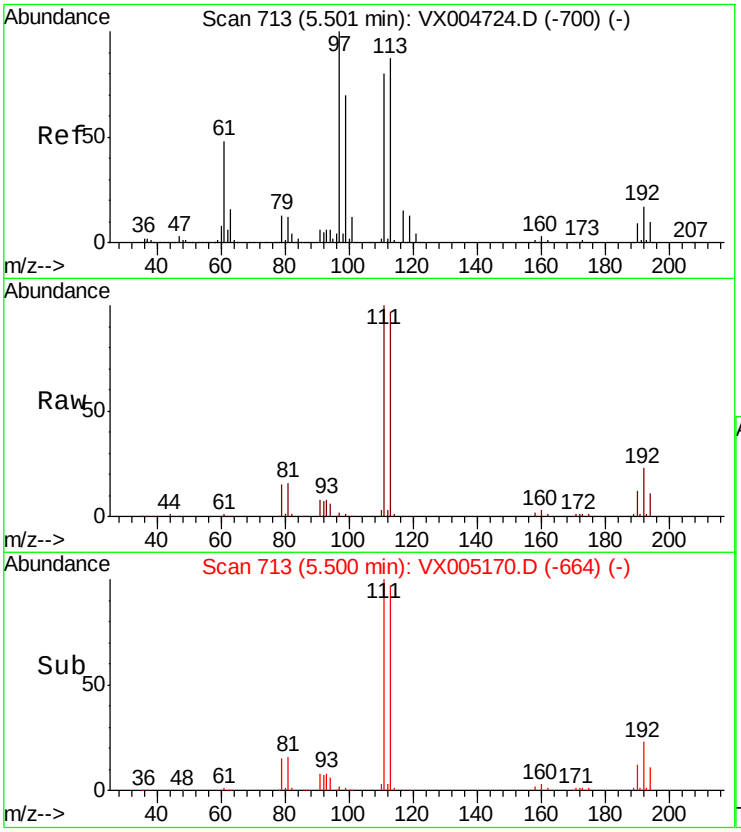


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Tgt Ion:114 Resp: 287671

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	14.8	0.0	27.0



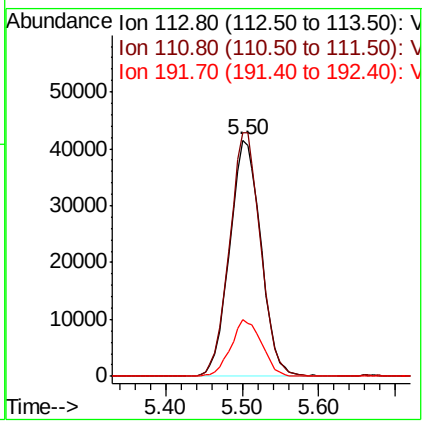


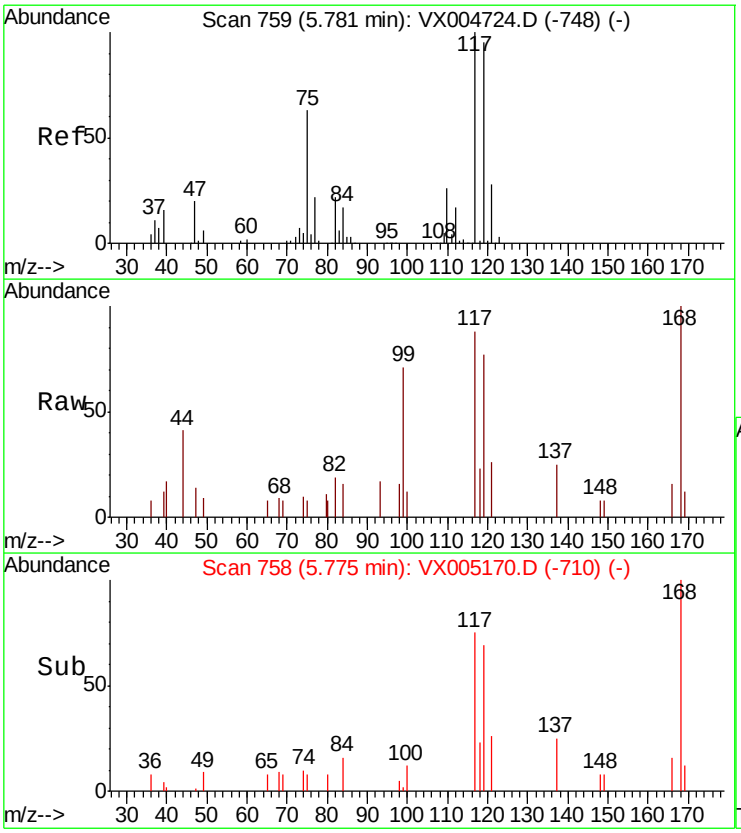
#35
Dibromofluoromethane
Concen: 48.102 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002

Tgt Ion:113 Resp: 117274

Ion	Ratio	Lower	Upper
113	100		
111	102.3	77.0	115.4
192	23.8	17.0	25.6

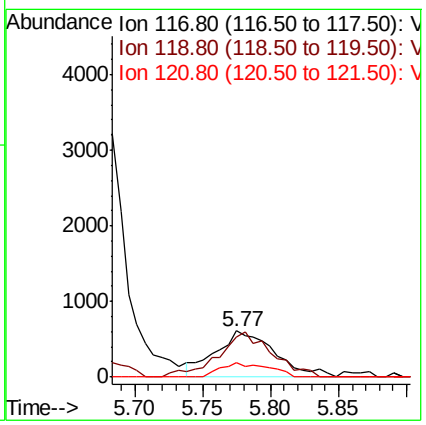


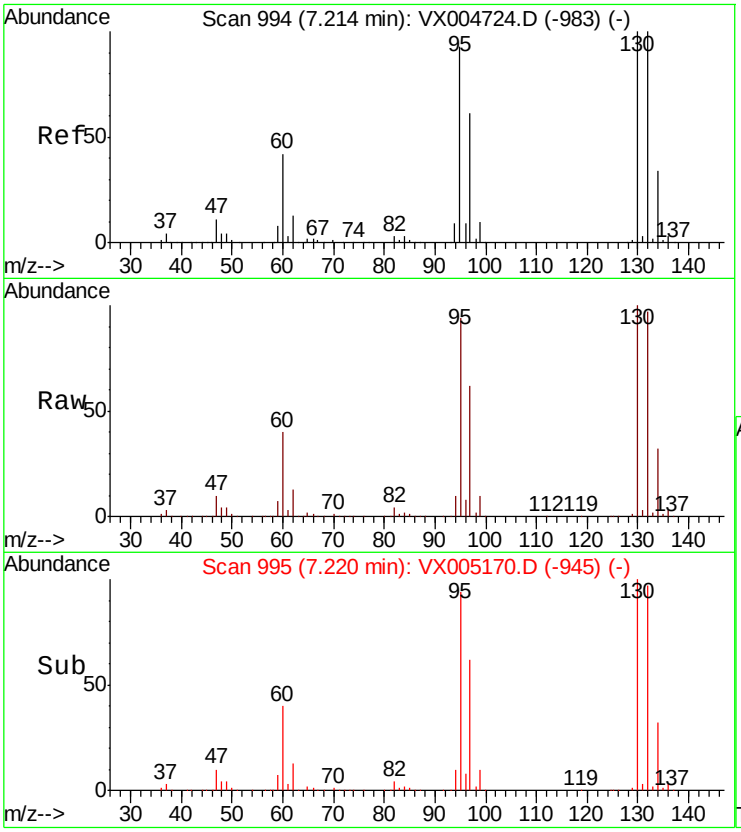


#38
Carbon Tetrachloride
Concen: 0.530 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Tgt Ion:117 Resp: 1854

Ion	Ratio	Lower	Upper
117	100		
119	87.6	75.2	112.8
121	30.0	22.5	33.7



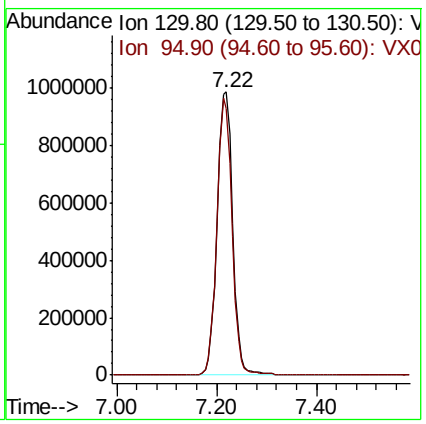


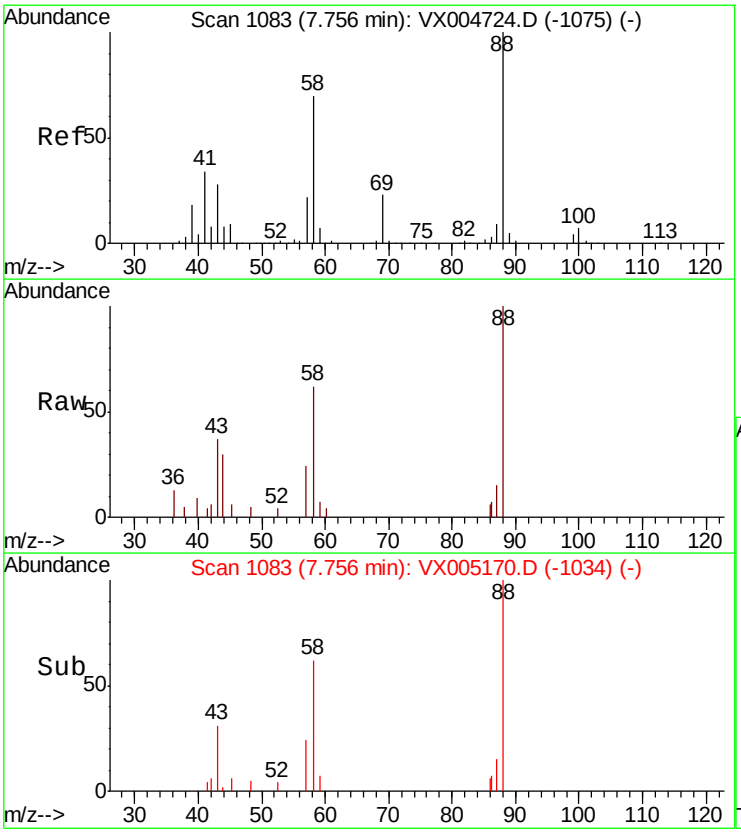
#44
Trichloroethene
Concen: 831.610 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002

Tgt Ion:130 Resp: 2128981

Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	186.8

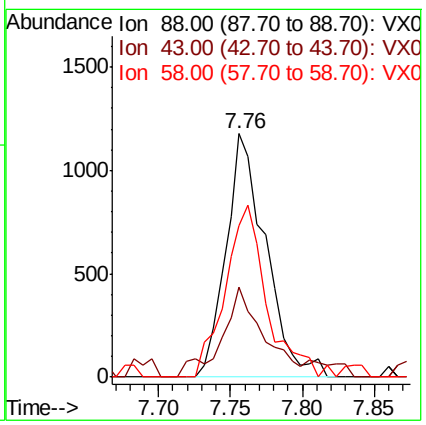


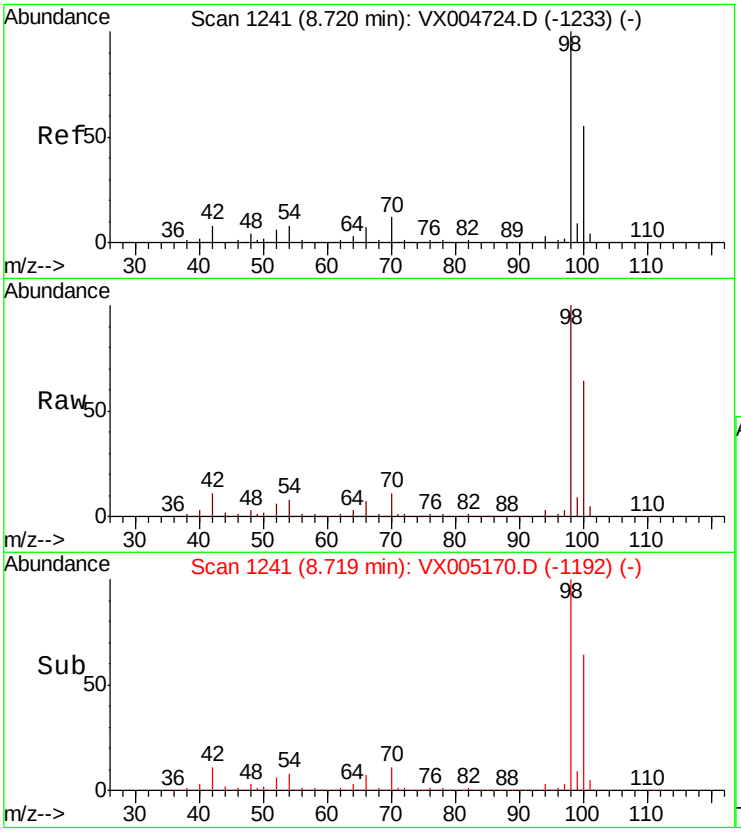


#49
1,4-Dioxane
Concen: 31.504 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Tgt Ion: 88 Resp: 2264

Ion	Ratio	Lower	Upper
88	100		
43	38.7	25.1	37.7#
58	74.2	56.2	84.2



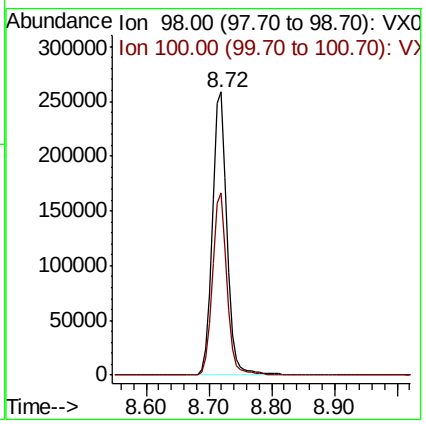


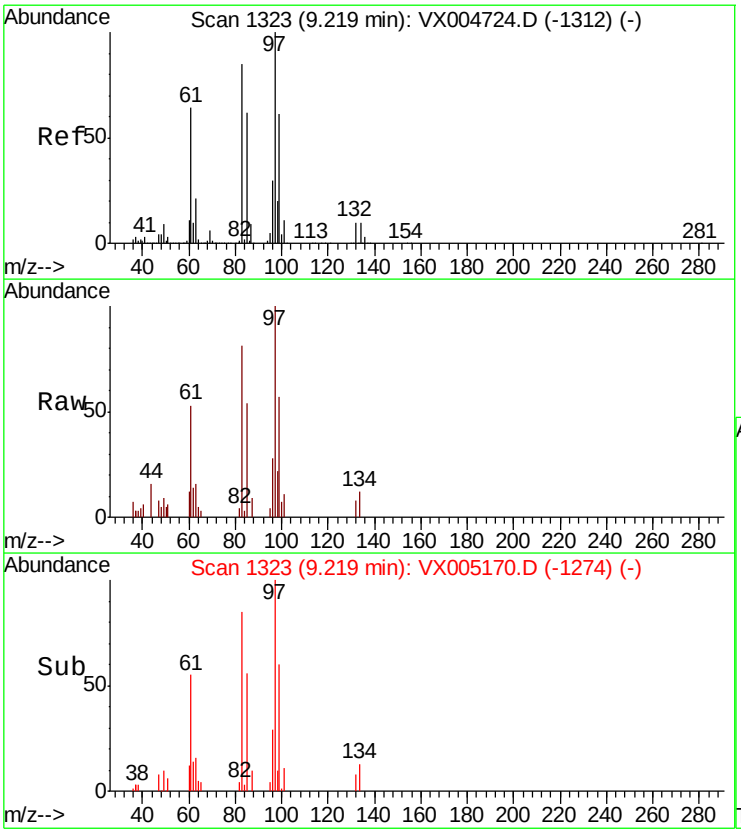
#50
Toluene-d8
Concen: 51.375 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002

Tgt Ion: 98 Resp: 416410

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.9	77.9

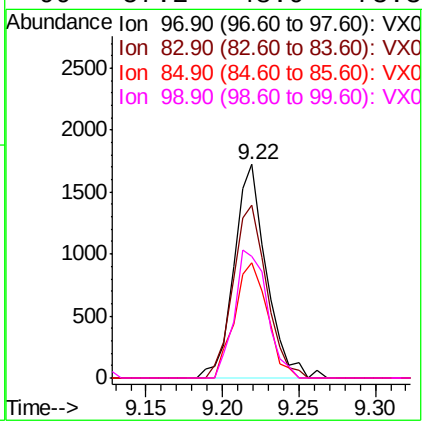


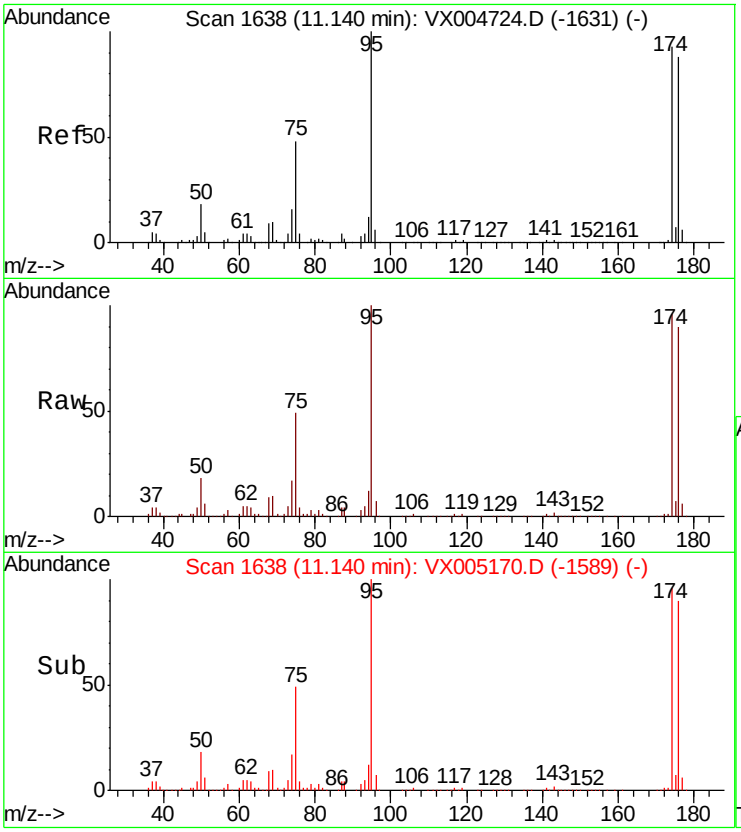


#55
1,1,2-Trichloroethane
Concen: 1.005 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Tgt Ion: 97 Resp: 2520

Ion	Ratio	Lower	Upper
97	100		
83	81.0	68.2	102.2
85	53.7	49.9	74.9
99	57.2	48.9	73.3



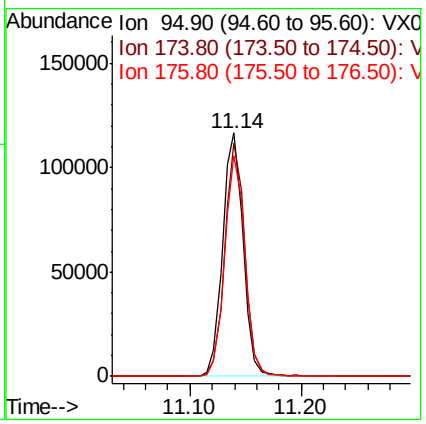


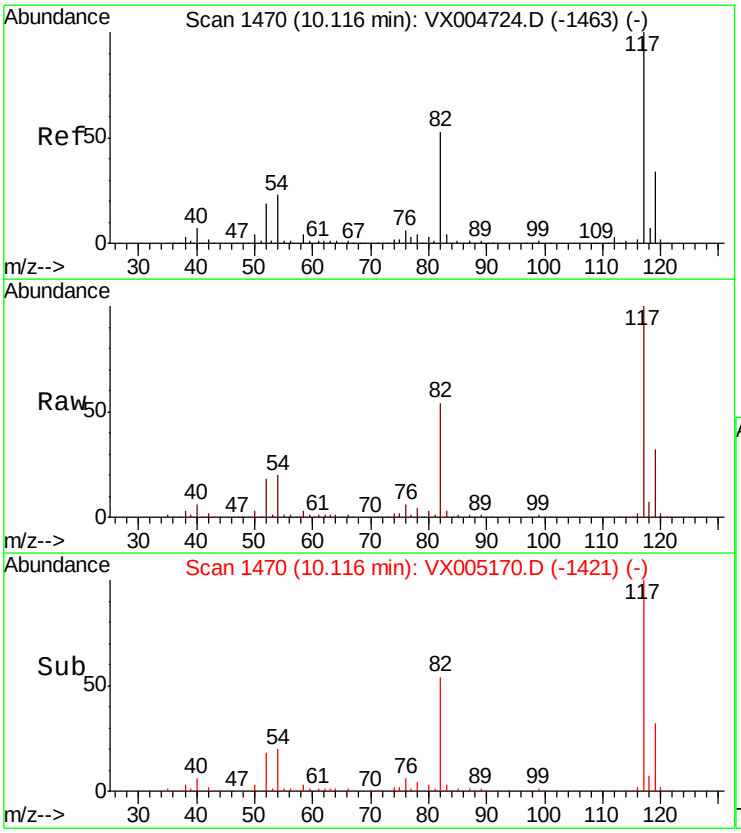
#62
4-Bromofluorobenzene
Concen: 50.675 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002

Tgt Ion: 95 Resp: 147970

Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	185.0
176	90.3	0.0	180.2

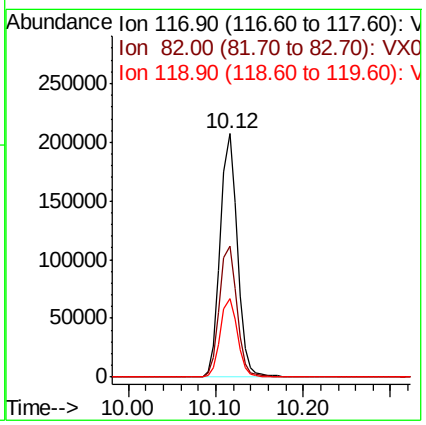


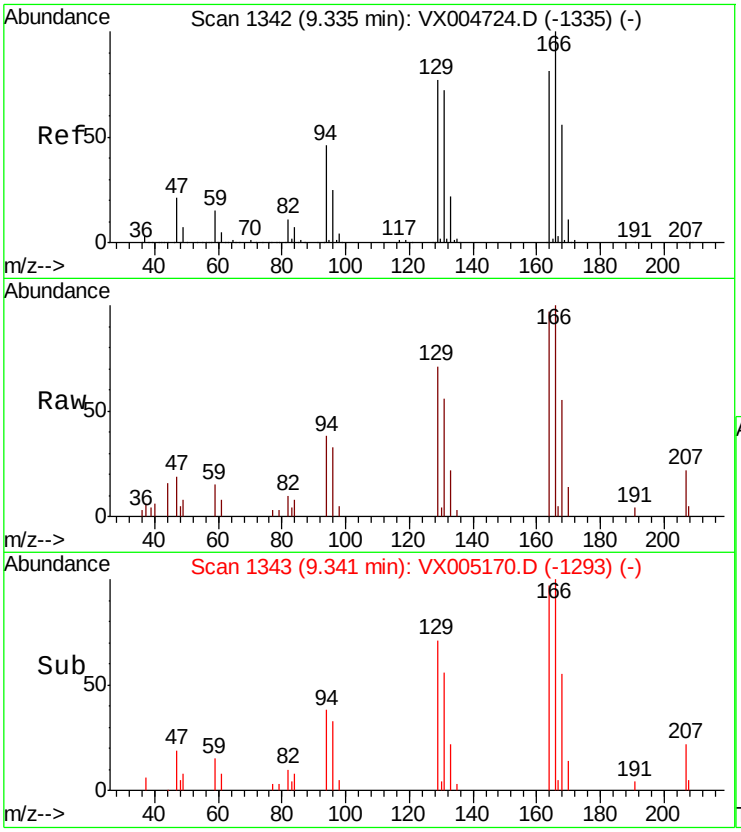


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Tgt Ion:117 Resp: 281520

Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.2	63.4
119	32.3	27.4	41.0



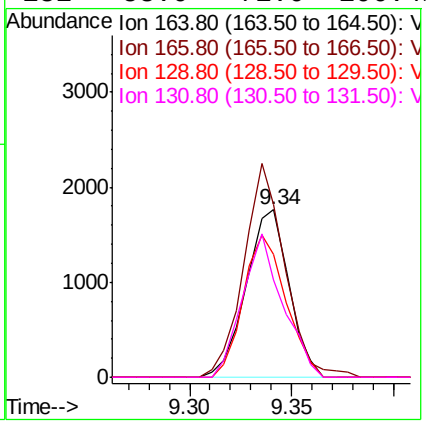


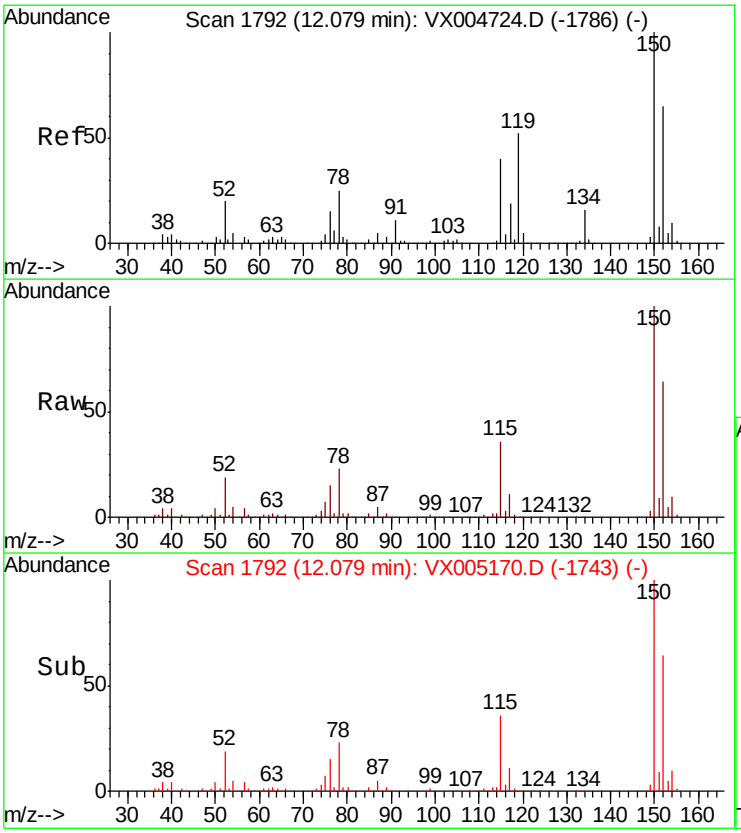
#64
Tetrachloroethene
Concen: 0.930 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
RE-120D1-20181002

Tgt Ion:164 Resp: 2578

Ion	Ratio	Lower	Upper
164	100		
166	103.4	98.4	147.6
129	73.2	76.1	114.1#
131	58.0	71.0	106.4#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005170.D
Acq: 09 Oct 2018 20:16

Tgt Ion:152 Resp: 158597

Ion	Ratio	Lower	Upper
152	100		
115	54.9	40.2	120.6
150	156.0	0.0	351.0