Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041719\
Data File : VX009021.D
Acq On : 17 Apr 2019 17:44
Operator : JC/SP
Sample : K2448-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ST006RW153-190415

Quant Time: Apr 18 01:38:52 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	248664	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	403324	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	343756	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144988	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	165397	47.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.40%				
35) Dibromofluoromethane	5.50	113	120173	46.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.86%				
50) Toluene-d8	8.71	98	494852	47.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.88%				
62) 4-Bromofluorobenzene	11.13	95	164120	45.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.08%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	867	0.247	ug/l		96
4) Vinyl Chloride	1.40	62	69038	20.173	ug/l		99
5) Bromomethane	1.65	94	334	3.992	ug/l	#	38
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1961	0.768	ug/l		90
10) Methyl Iodide	2.52	142	117	4.453	ug/l	#	42
11) Tert butyl alcohol	3.04	59	773	0.994	ug/l		98
16) Acetone	2.45	43	6192	3.407	ug/l		97
17) Carbon Disulfide	2.57	76	689	1.338	ug/l	#	64
21) trans-1,2-Dichloroethene	3.17	96	1439	0.506	ug/l		96
27) cis-1,2-Dichloroethene	4.60	96	204238	63.245	ug/l		91
28) Bromochloromethane	5.02	49	74	Below Cal		#	21
29) Tetrahydrofuran	5.14	42	554	0.285	ug/l	#	54
31) Cyclohexane	5.67	56	5723	1.025	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	20341	4.876	ug/l	#	50
38) Carbon Tetrachloride	5.66	117	24402	6.901	ug/l	#	17
40) Benzene	6.15	78	3516	0.286	ug/l	#	87
44) Trichloroethene	7.22	130	3799	1.260	ug/l		88
49) 1,4-Dioxane	7.74	88	19	0.238	ug/l	#	19
60) Dibromochloromethane	9.34	129	3437	1.227	ug/l	#	10
64) Tetrachloroethene	9.34	164	3668	1.405	ug/l		87
76) 1,2,3-Trichloropropane	11.13	75	83721	23.648	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.13	75	83721	60.711	ug/l	#	11

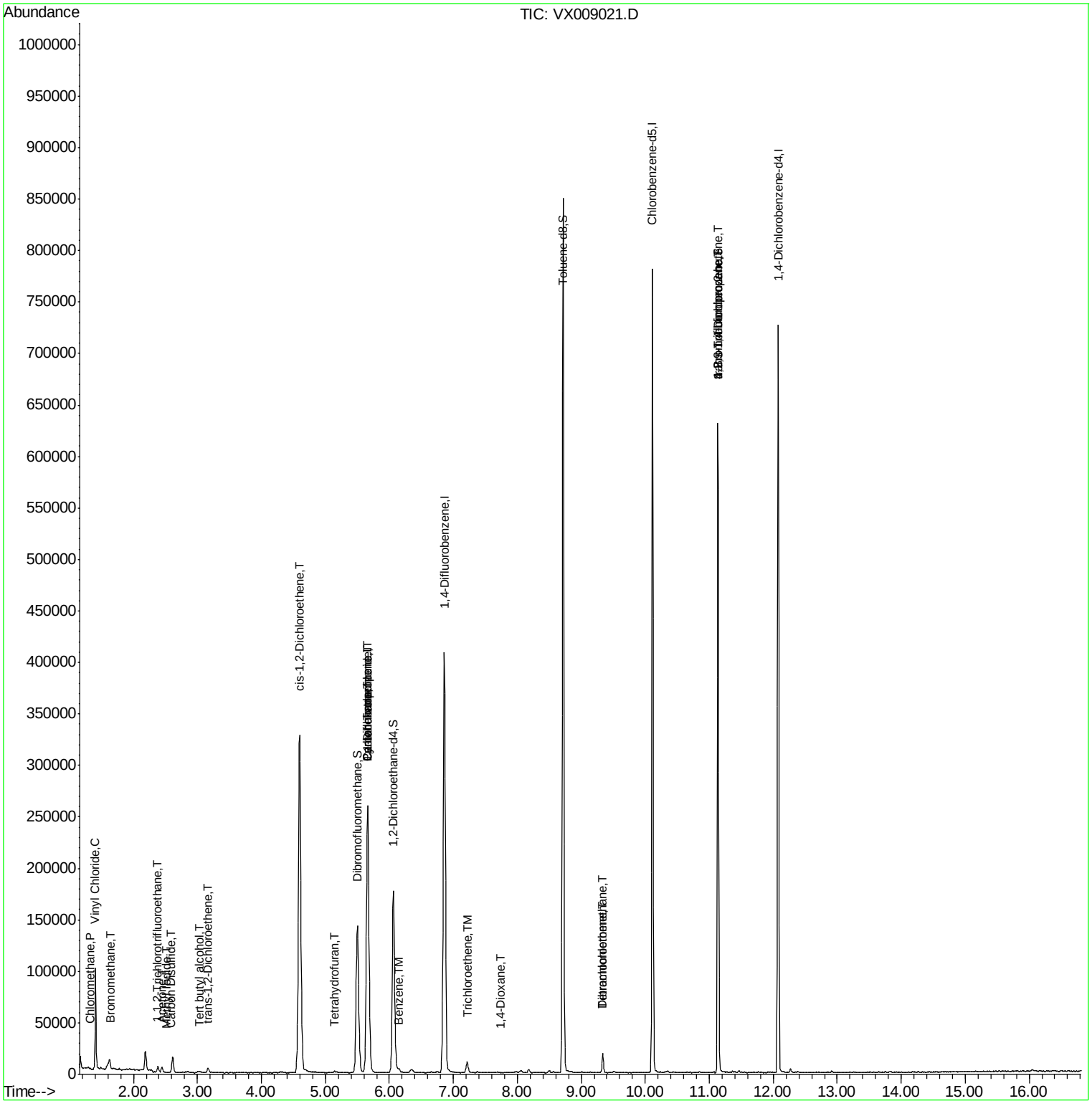
(#) = qualifier out of range (m) = manual integration (+) = signals summed

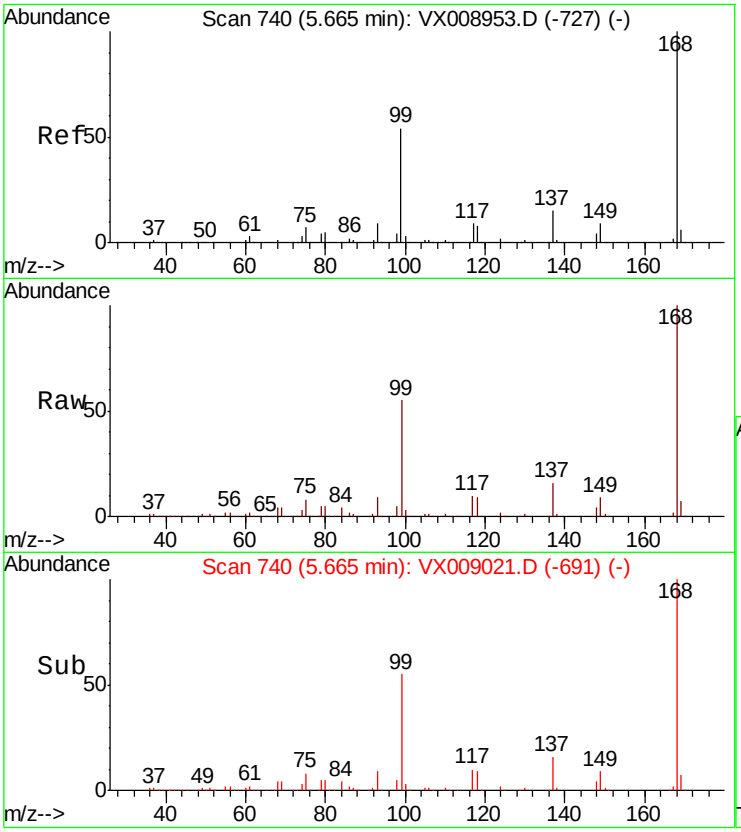
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041719\
Data File : VX009021.D
Acq On : 17 Apr 2019 17:44
Operator : JC/SP
Sample : K2448-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Quant Time: Apr 18 01:38:52 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



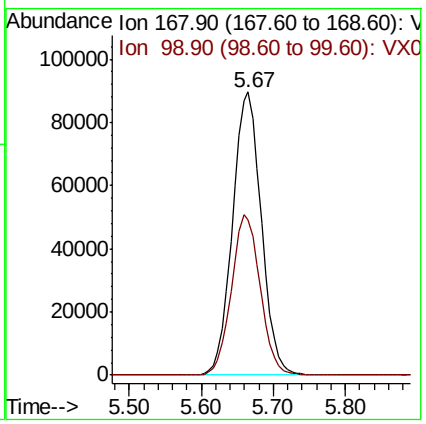


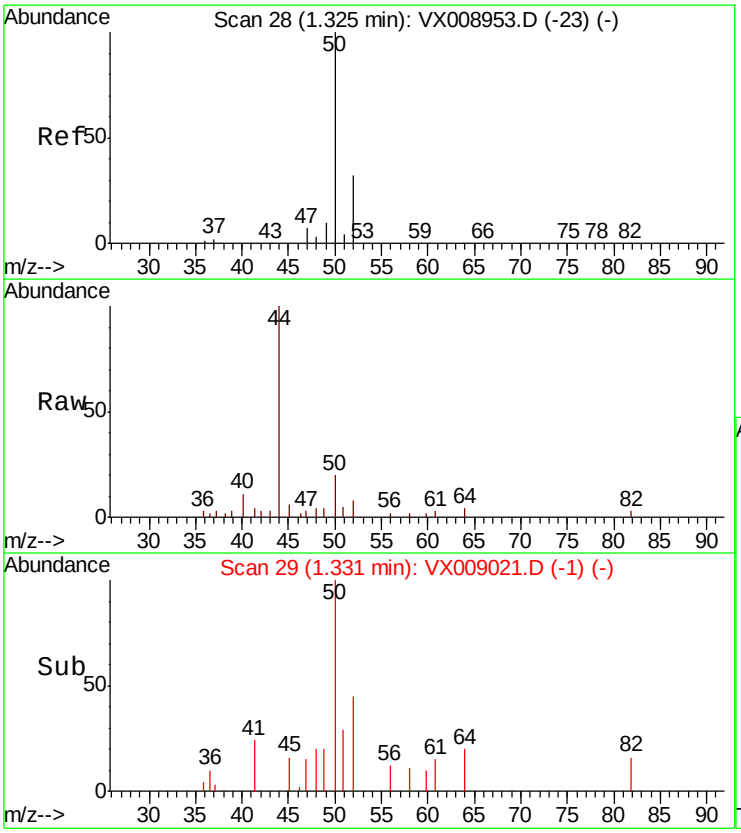
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion:168 Resp: 248664

Ion	Ratio	Lower	Upper
168	100		
99	54.8	43.0	64.6

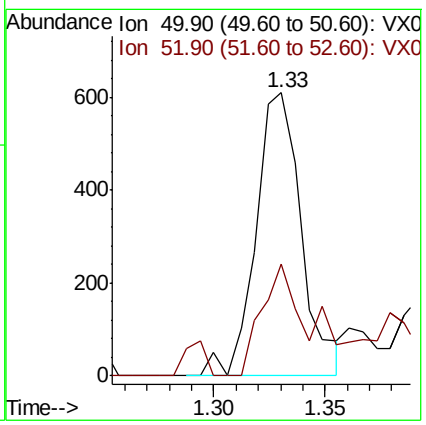


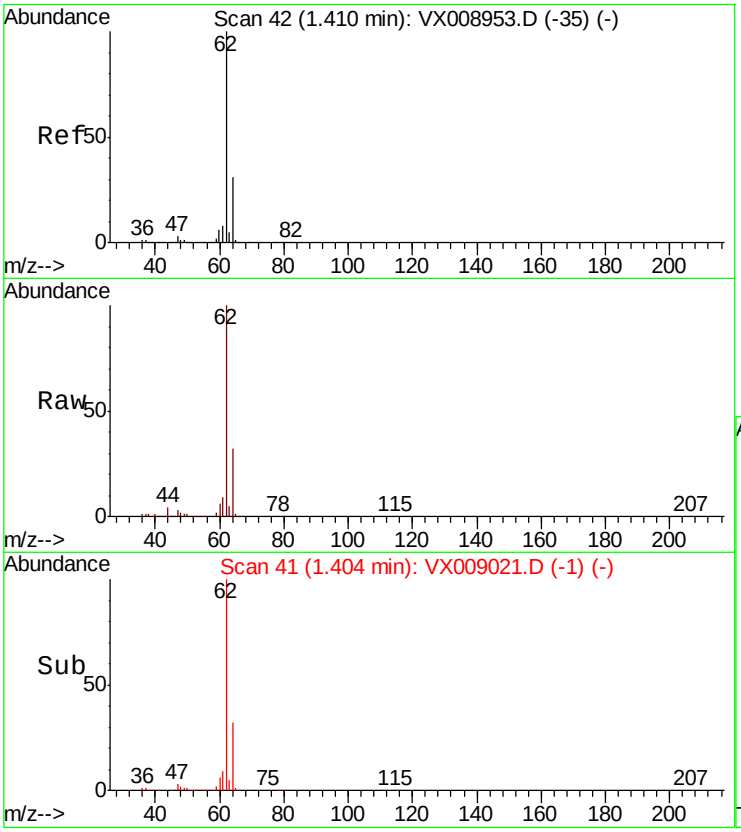


#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion: 50 Resp: 867

Ion	Ratio	Lower	Upper
50	100		
52	29.7	25.5	38.3



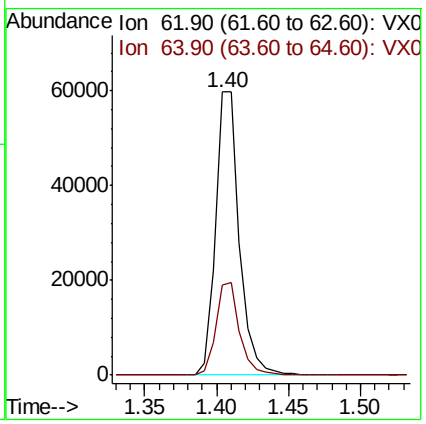


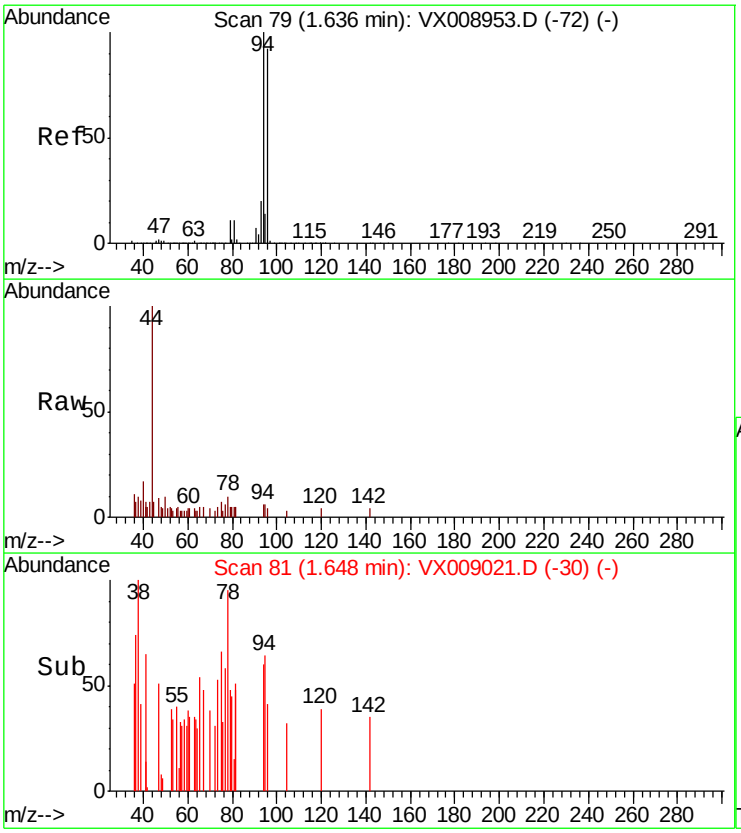
#4
Vinyl Chloride
Concen: 20.173 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion: 62 Resp: 69038

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.0	37.4

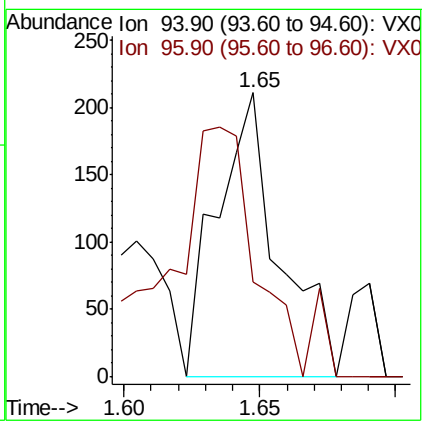


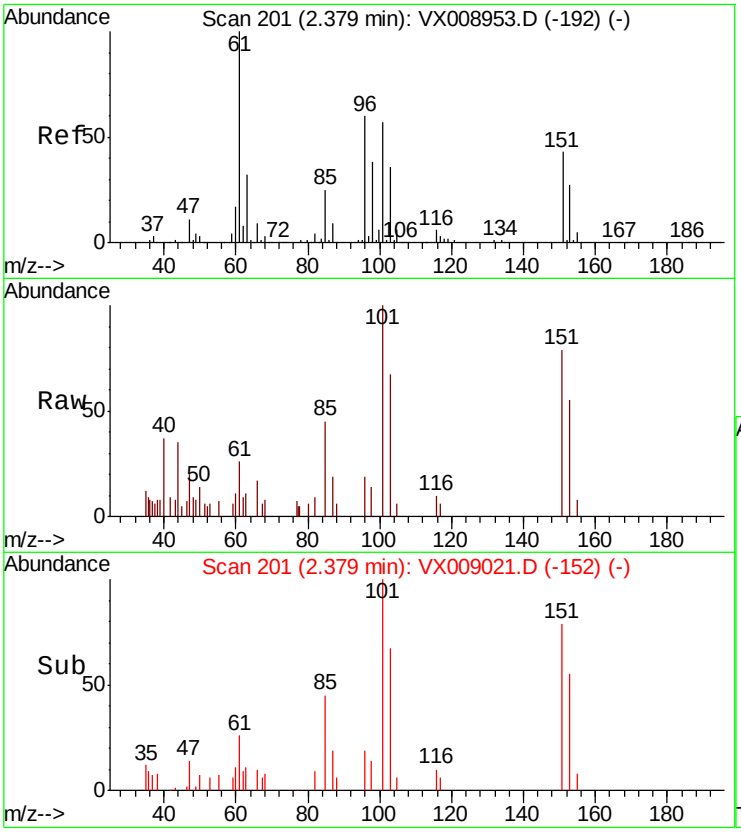


#5
Bromomethane
Concen: 3.992 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion: 94 Resp: 334

Ion	Ratio	Lower	Upper
94	100		
96	33.2	73.9	110.9#



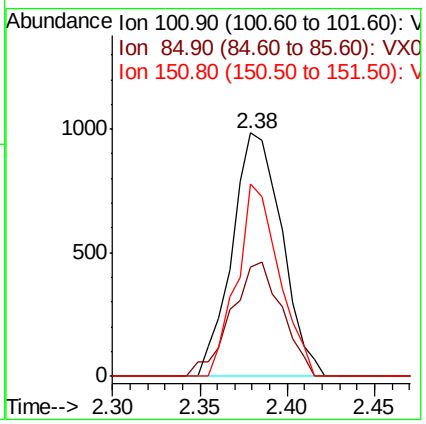


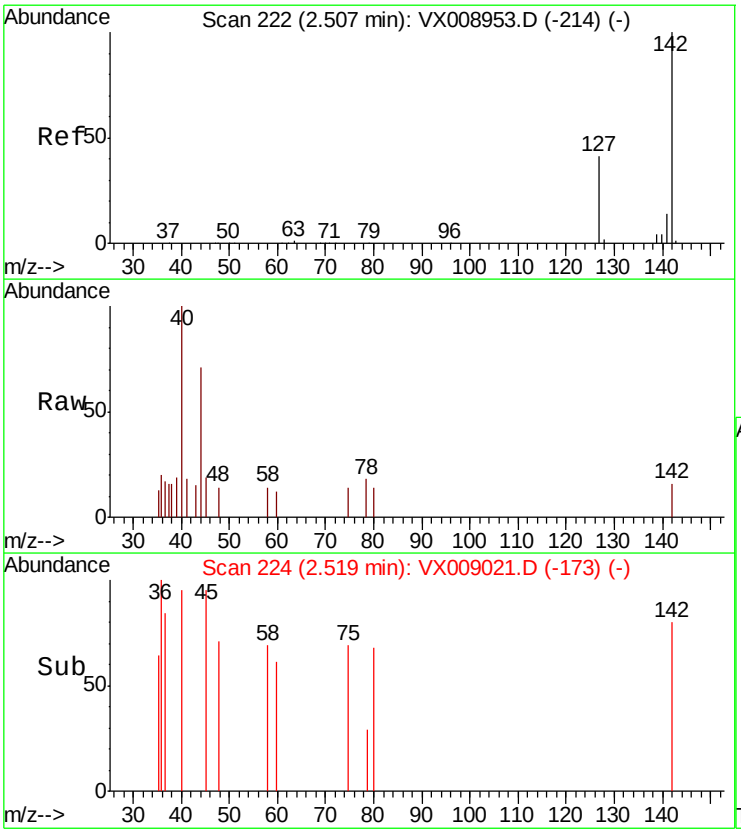
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.768 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion:101 Resp: 1961

Ion	Ratio	Lower	Upper
101	100		
85	47.8	35.7	53.5
151	66.6	62.7	94.1

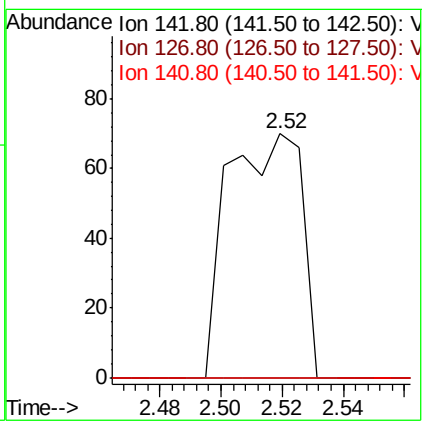


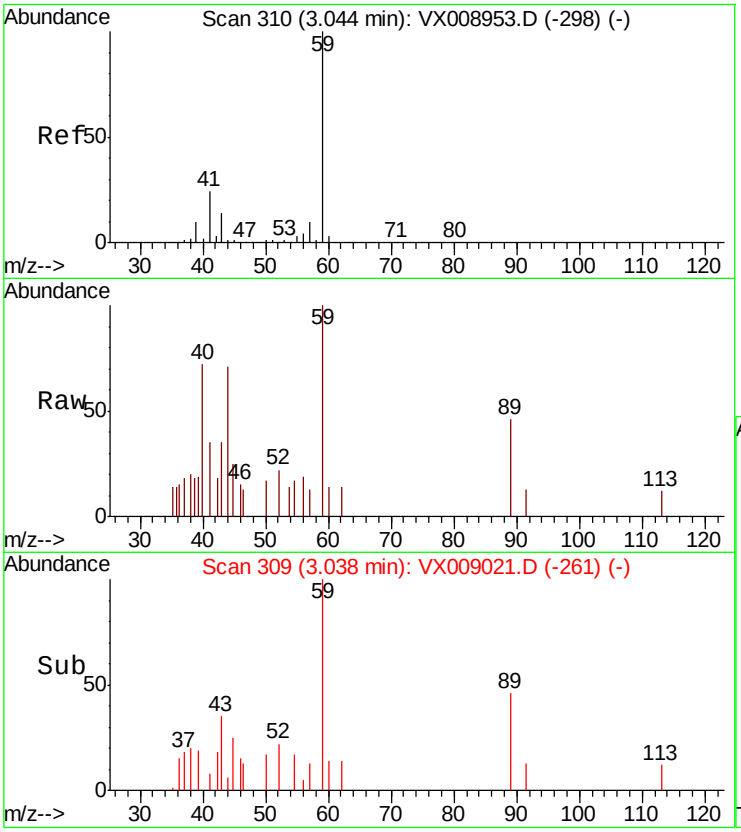


#10
Methyl Iodide
Concen: 4.453 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion:142 Resp: 117

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



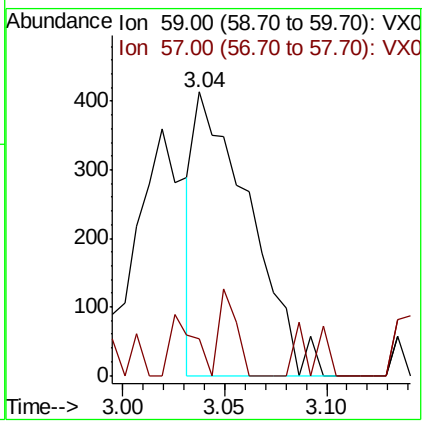


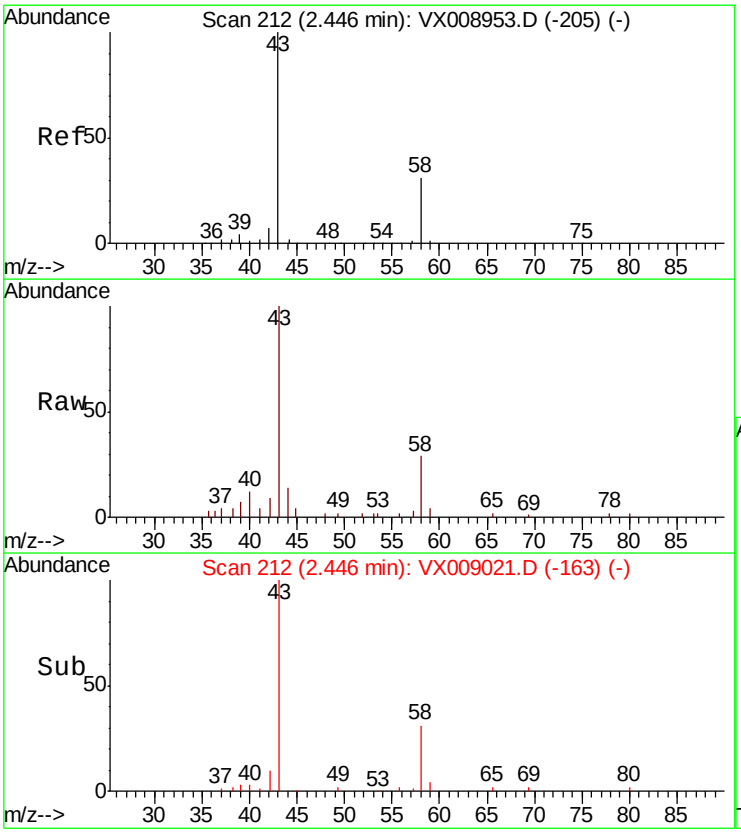
#11
Tert butyl alcohol
Concen: 0.994 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion: 59 Resp: 773

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.4	12.6

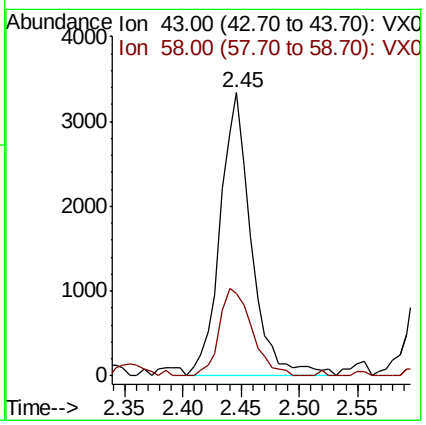


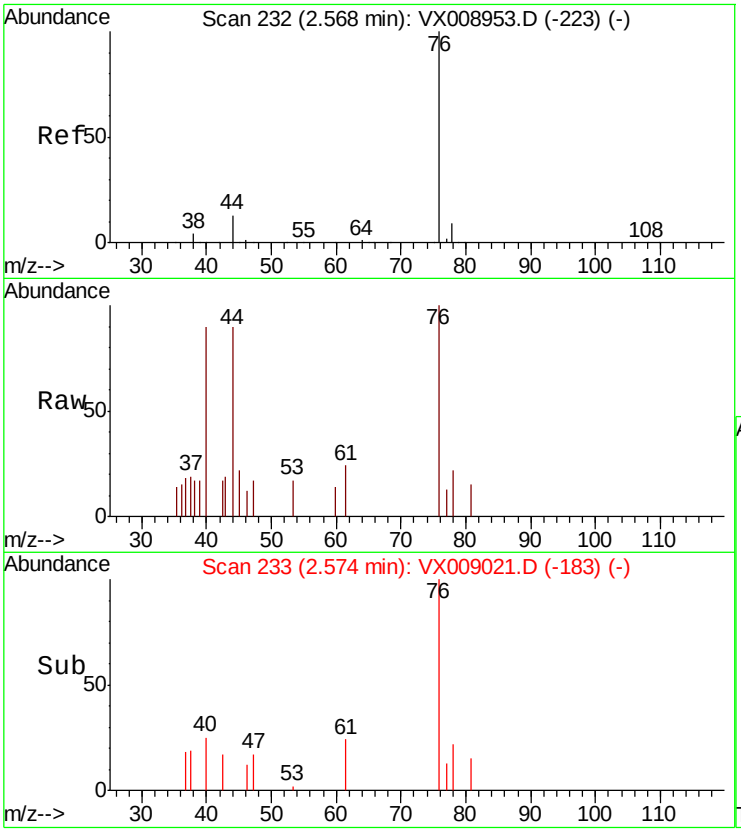


#16
Acetone
Concen: 3.407 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion: 43 Resp: 6192

Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.8	37.2



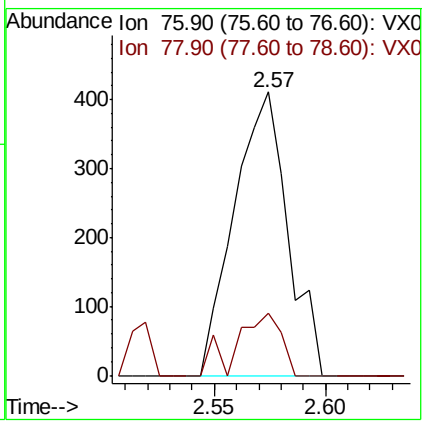


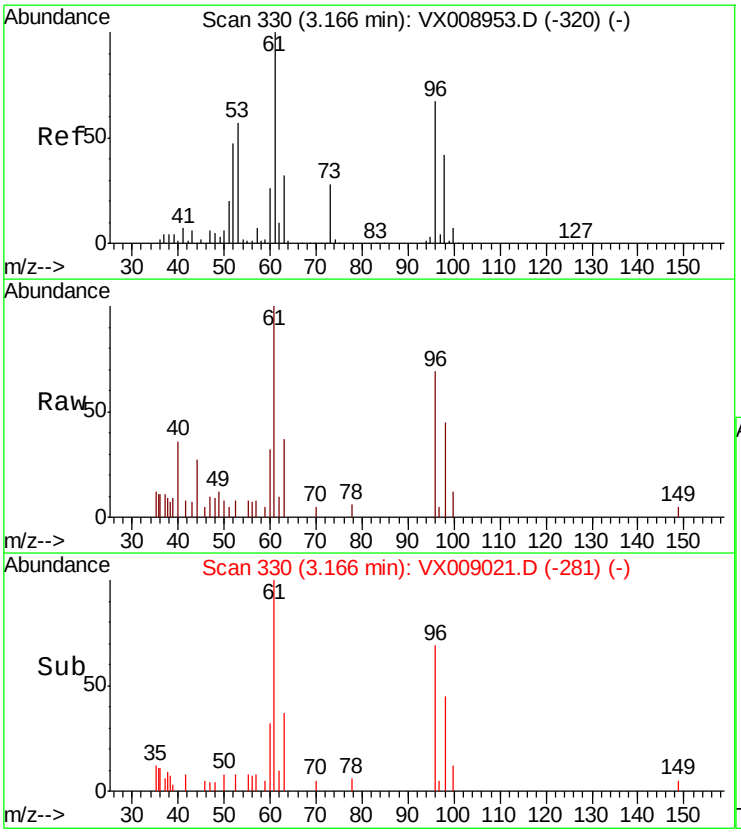
#17
Carbon Disulfide
Concen: 1.338 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion: 76 Resp: 689

Ion	Ratio	Lower	Upper
76	100		
78	22.1	7.2	10.8#

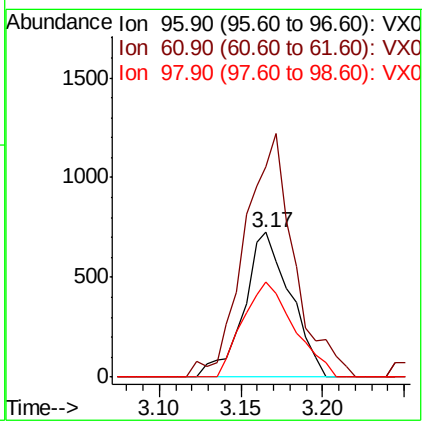


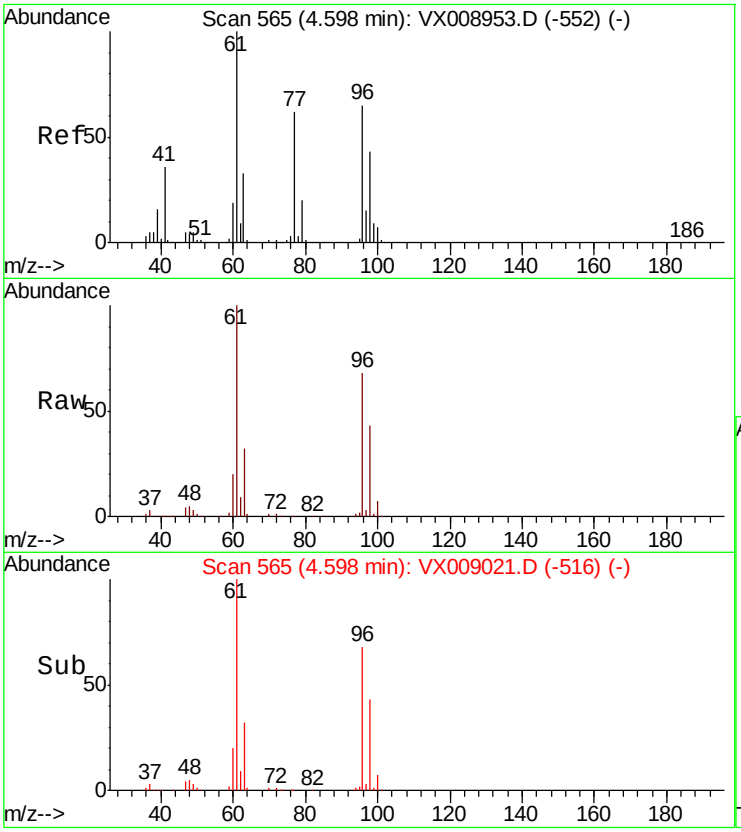


#21
trans-1,2-Dichloroethene
Concen: 0.506 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion: 96 Resp: 1439

Ion	Ratio	Lower	Upper
96	100		
61	145.3	120.3	180.5
98	65.6	50.2	75.2



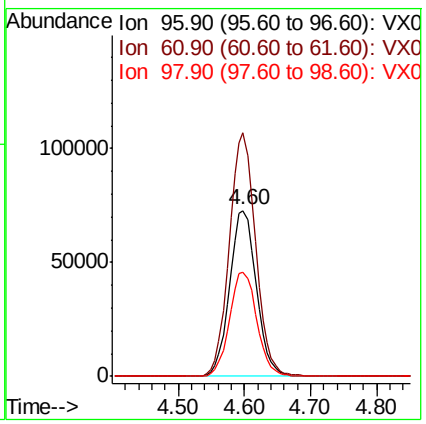


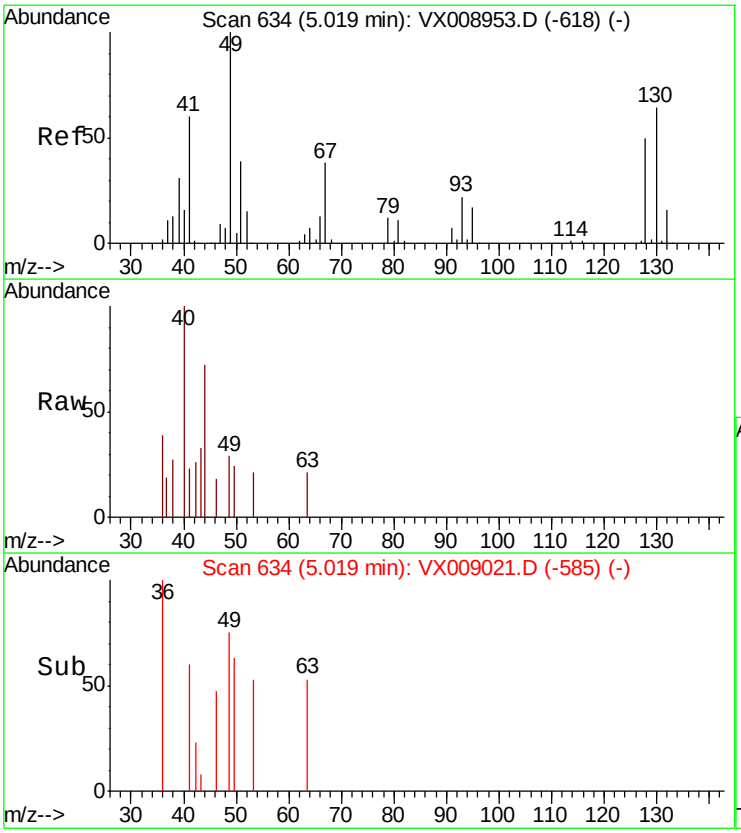
#27
cis-1,2-Dichloroethene
Concen: 63.245 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion: 96 Resp: 204238

Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	322.0
98	63.9	0.0	128.4

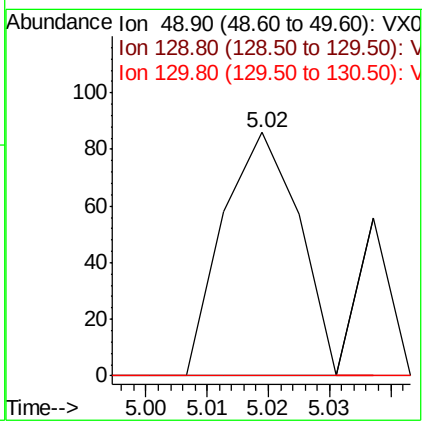


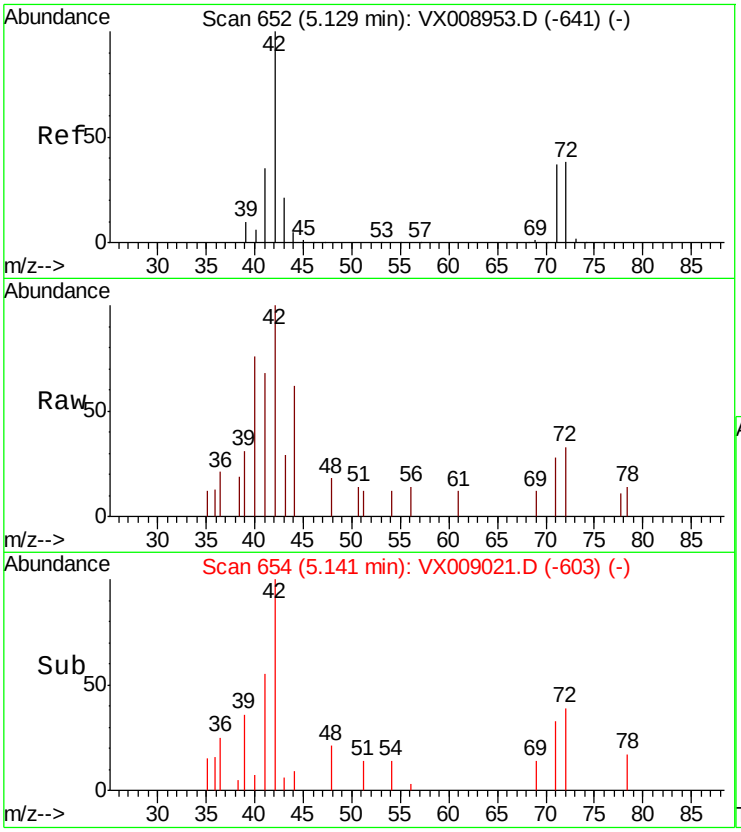


#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion: 49 Resp: 74

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



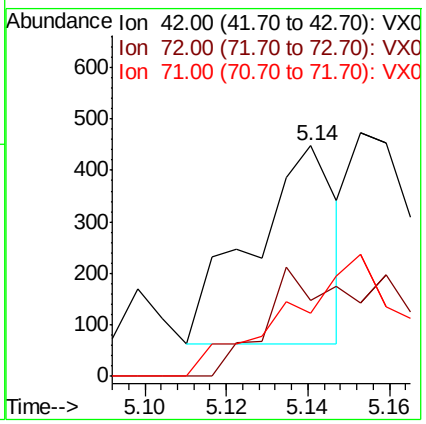


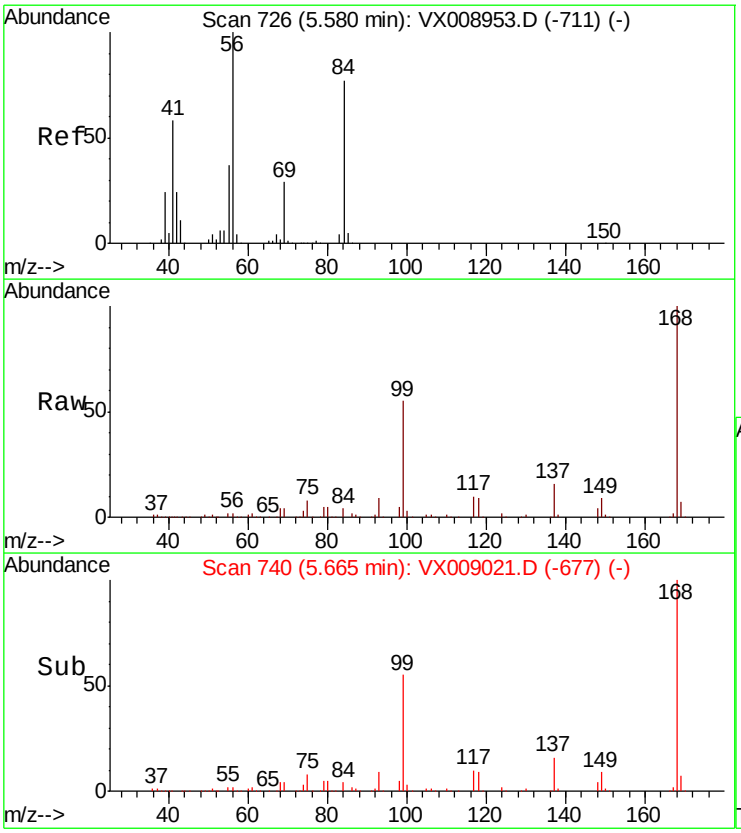
#29
Tetrahydrofuran
Concen: 0.285 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion: 42 Resp: 554

Ion	Ratio	Lower	Upper
42	100		
72	53.2	30.6	45.8#
71	76.2	28.8	43.2#

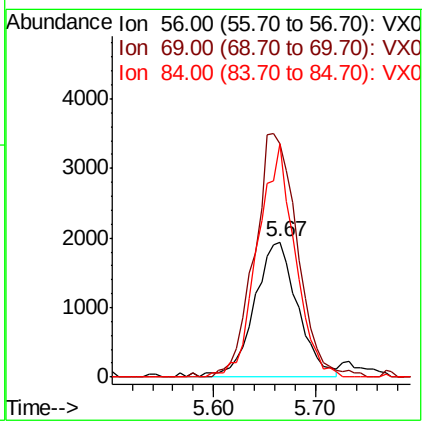


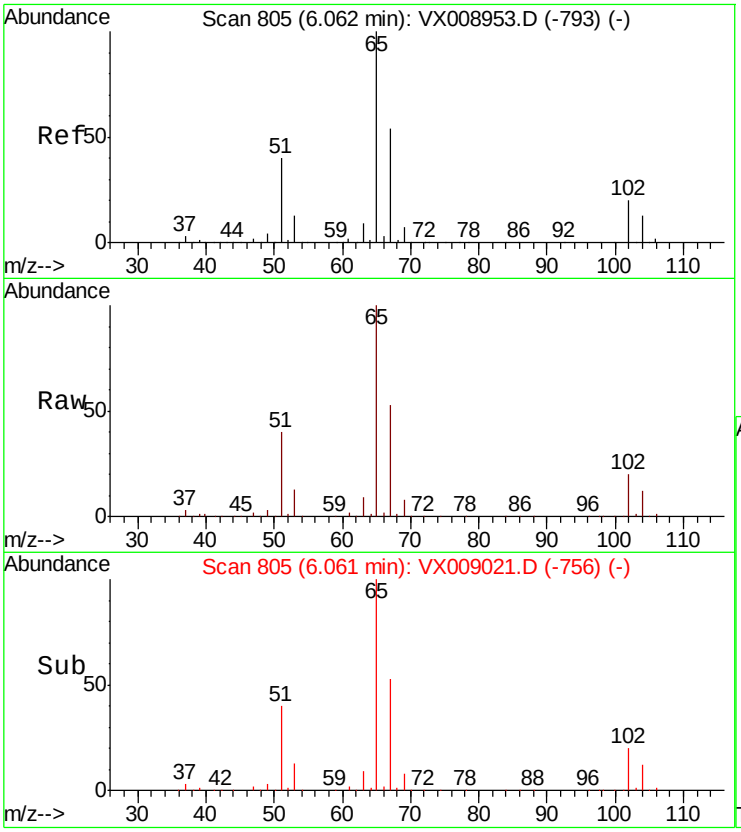


#31
Cyclohexane
Concen: 1.025 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion: 56 Resp: 5723

Ion	Ratio	Lower	Upper
56	100		
69	172.5	23.3	34.9#
84	172.2	61.7	92.5#



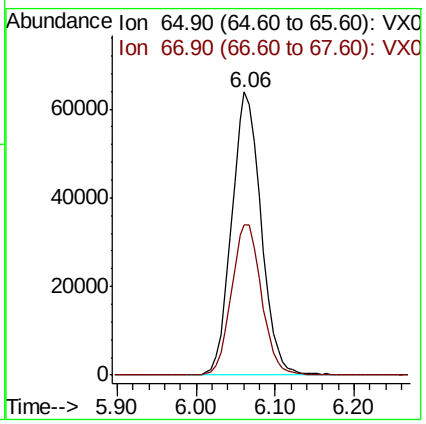


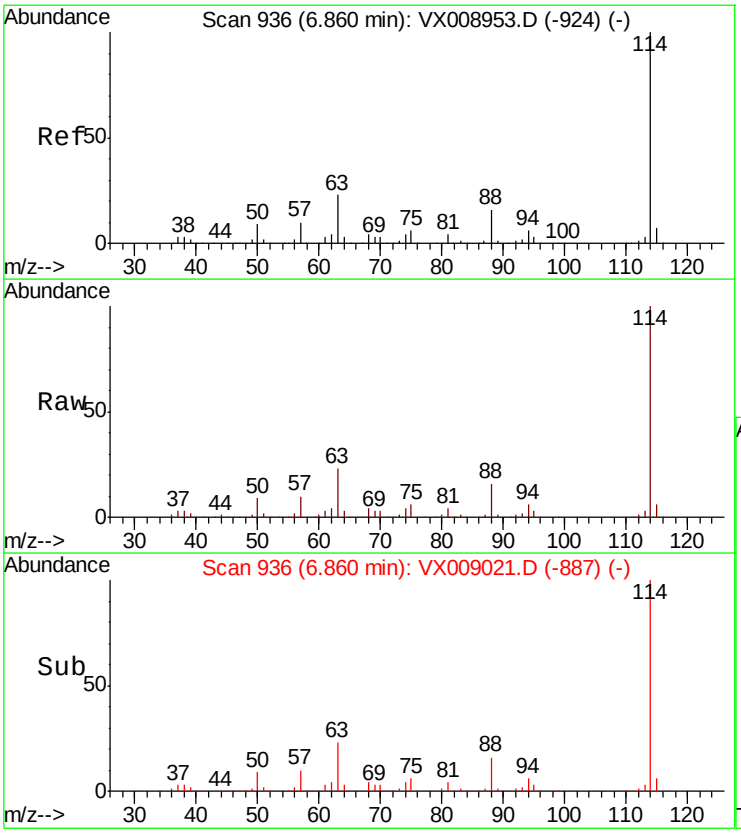
#33
1,2-Dichloroethane-d4
Concen: 47.197 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion: 65 Resp: 165397

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	108.6

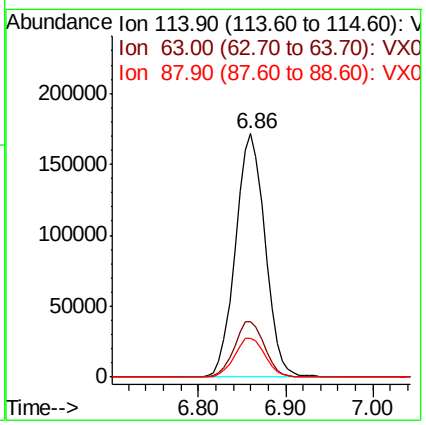


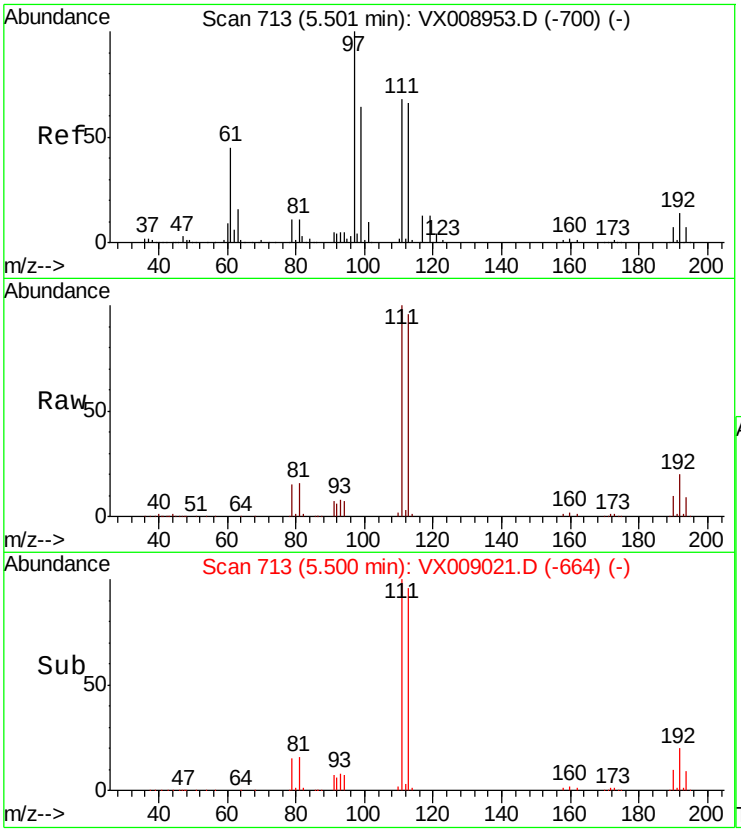


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion:114 Resp: 403324

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.0
88	16.0	0.0	32.6



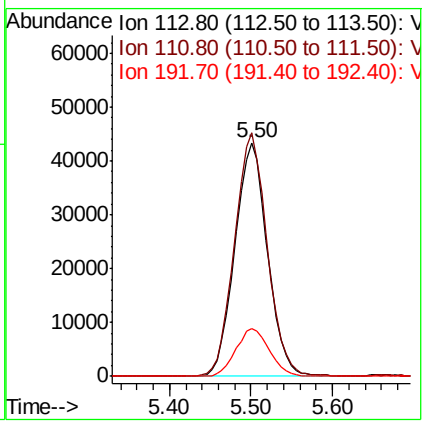


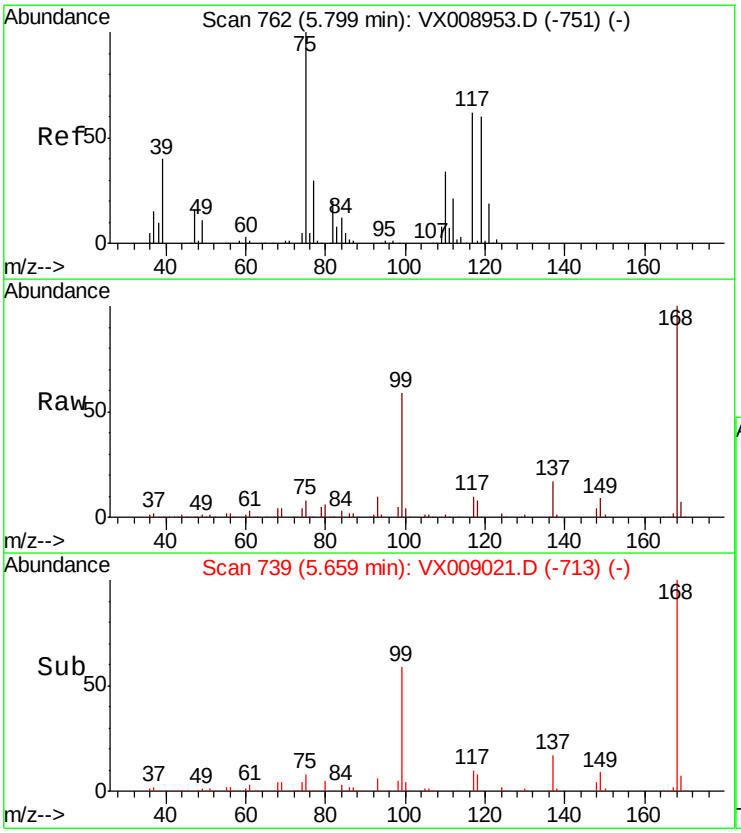
#35
Dibromofluoromethane
Concen: 46.427 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion:113 Resp: 120173

Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.9	124.3
192	21.3	17.4	26.0

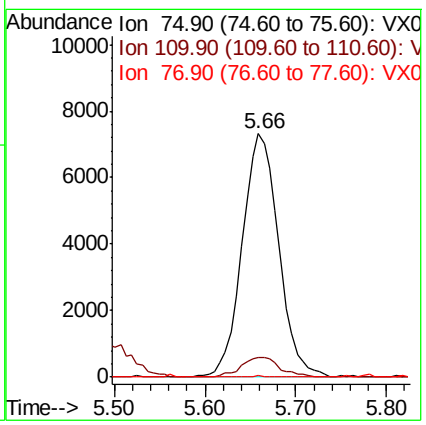


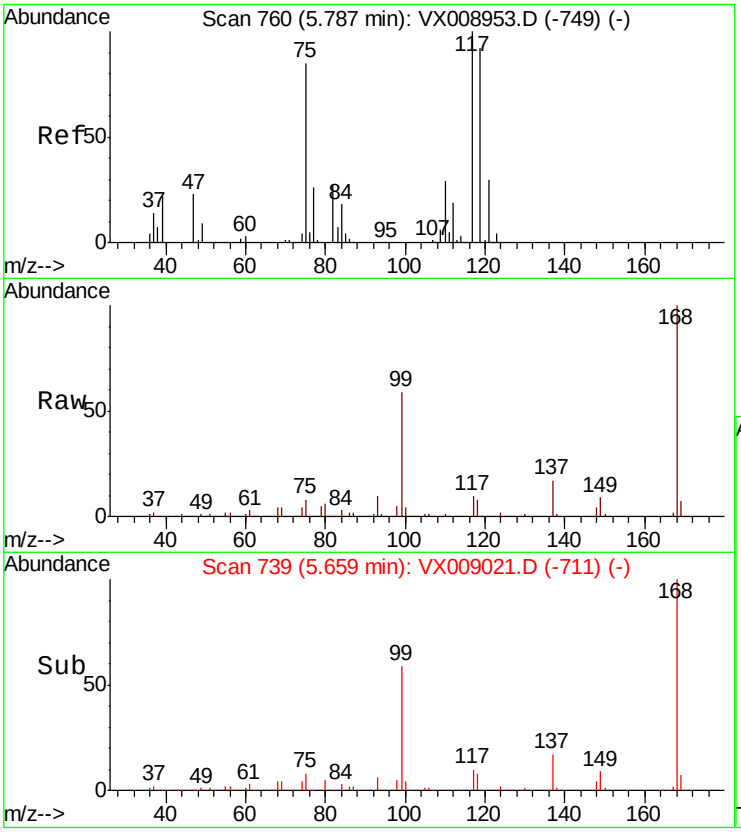


#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion: 75 Resp: 20341

Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.9	50.7#
77	0.1	25.0	37.4#



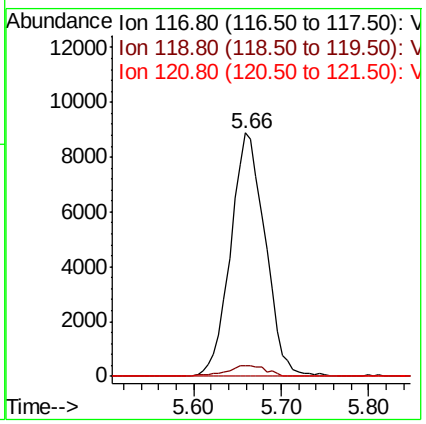


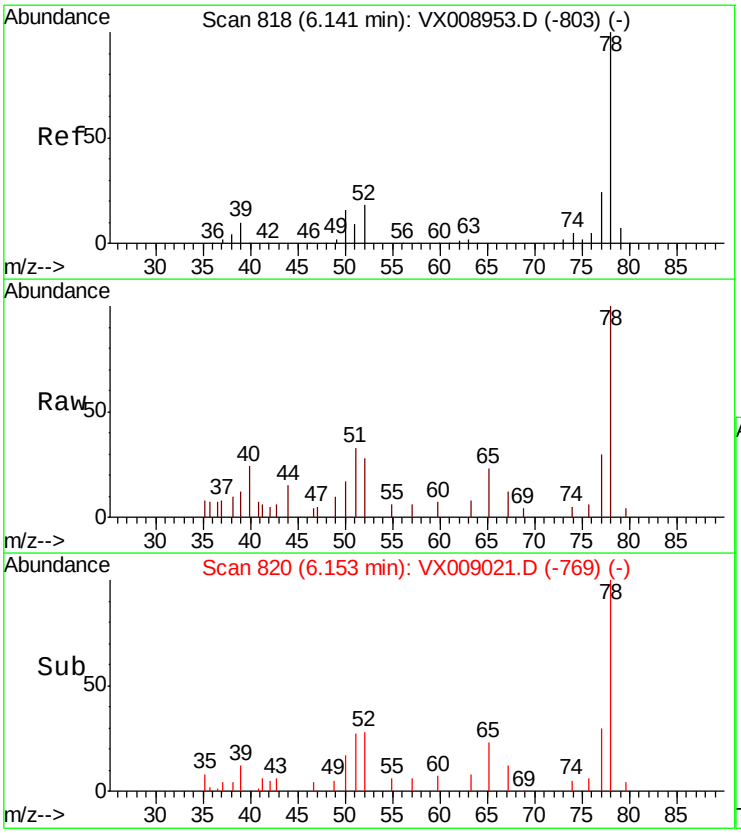
#38
Carbon Tetrachloride
Concen: 6.901 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion:117 Resp: 24402

Ion	Ratio	Lower	Upper
117	100		
119	4.4	73.8	110.8#
121	0.0	23.6	35.4#

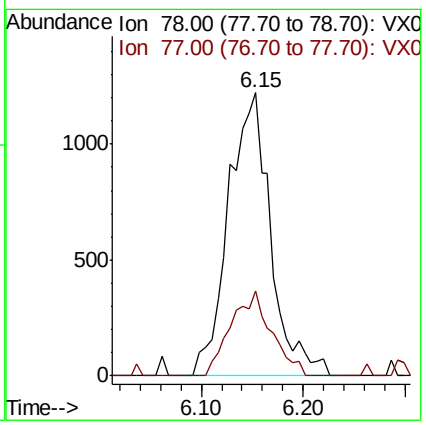


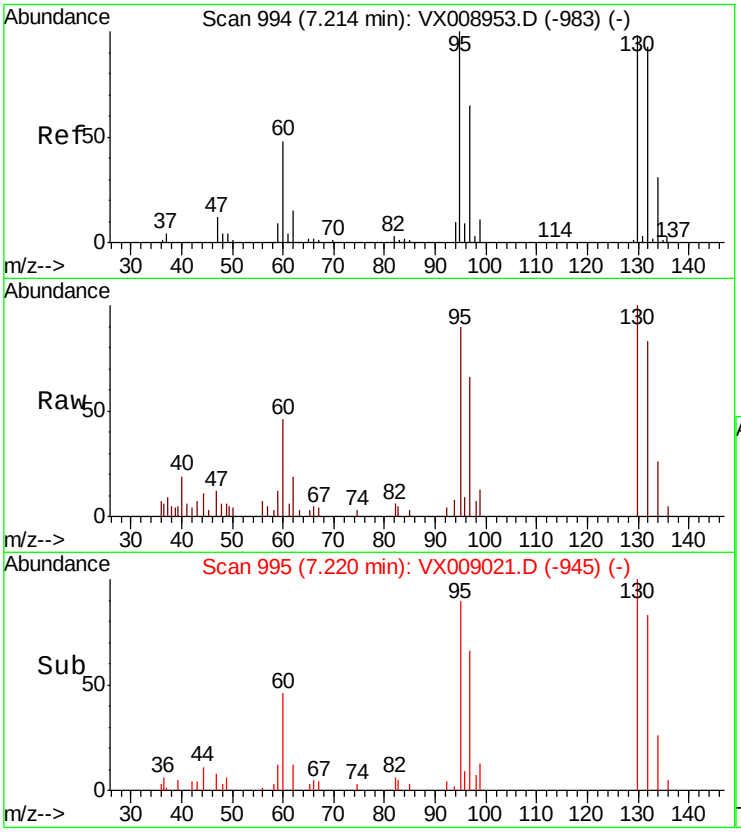


#40
Benzene
Concen: 0.286 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion: 78 Resp: 3516

Ion	Ratio	Lower	Upper
78	100		
77	30.1	19.0	28.6#



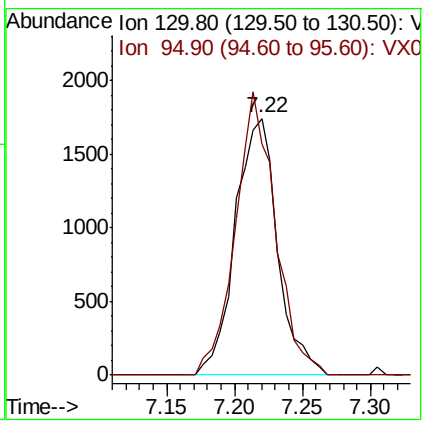


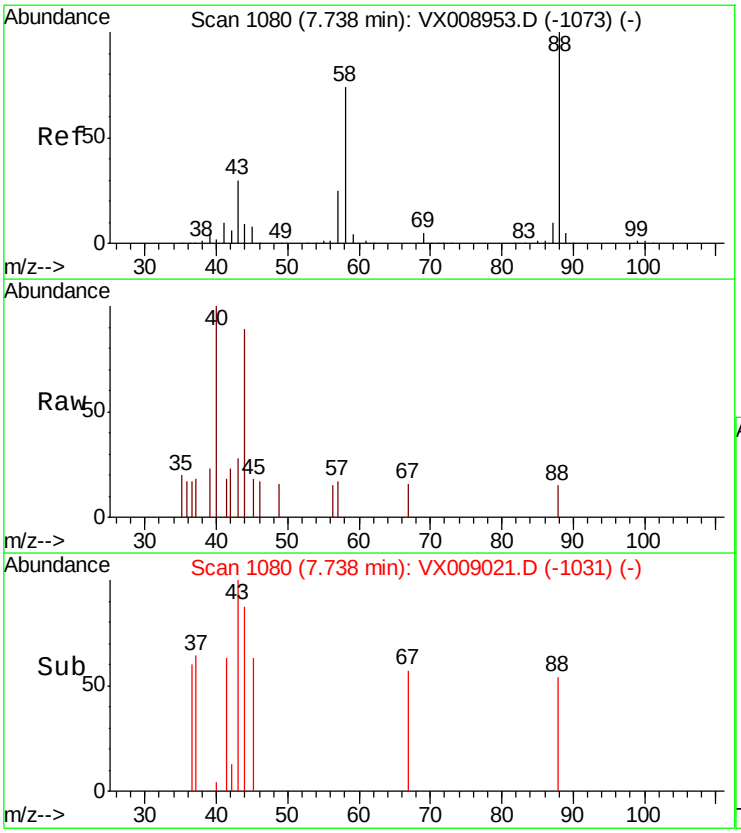
#44
Trichloroethene
Concen: 1.260 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion:130 Resp: 3799

Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	203.2

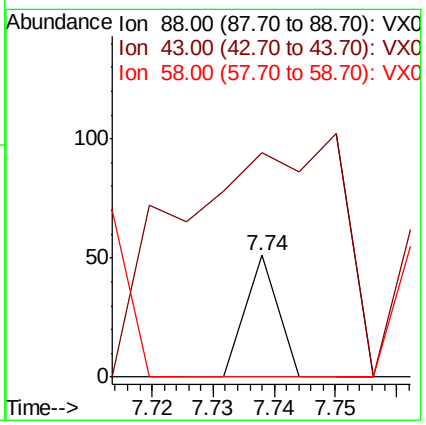


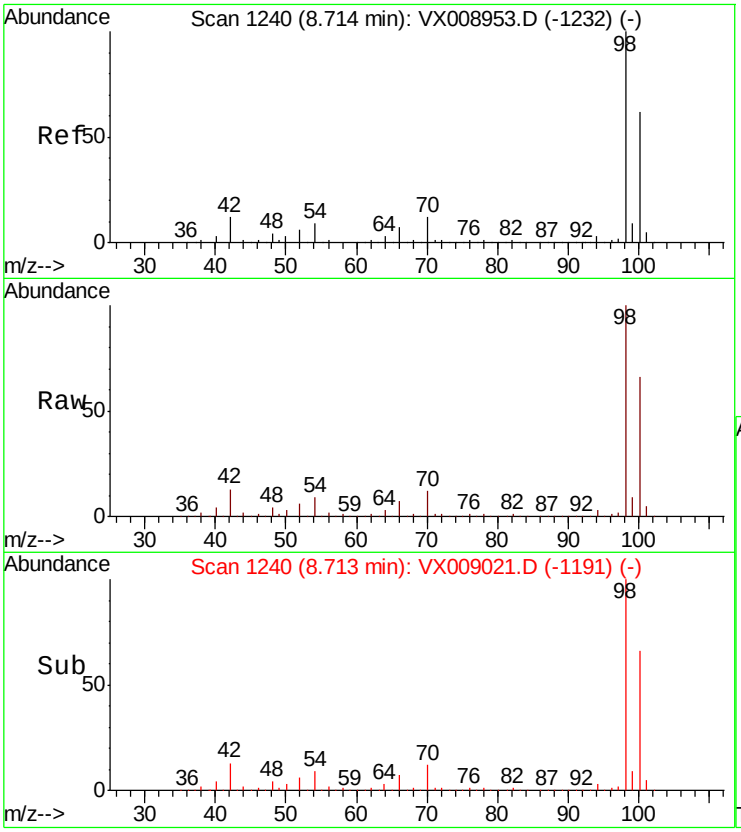


#49
1,4-Dioxane
Concen: 0.238 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

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#



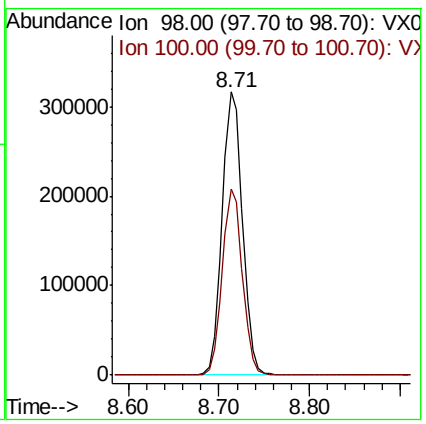


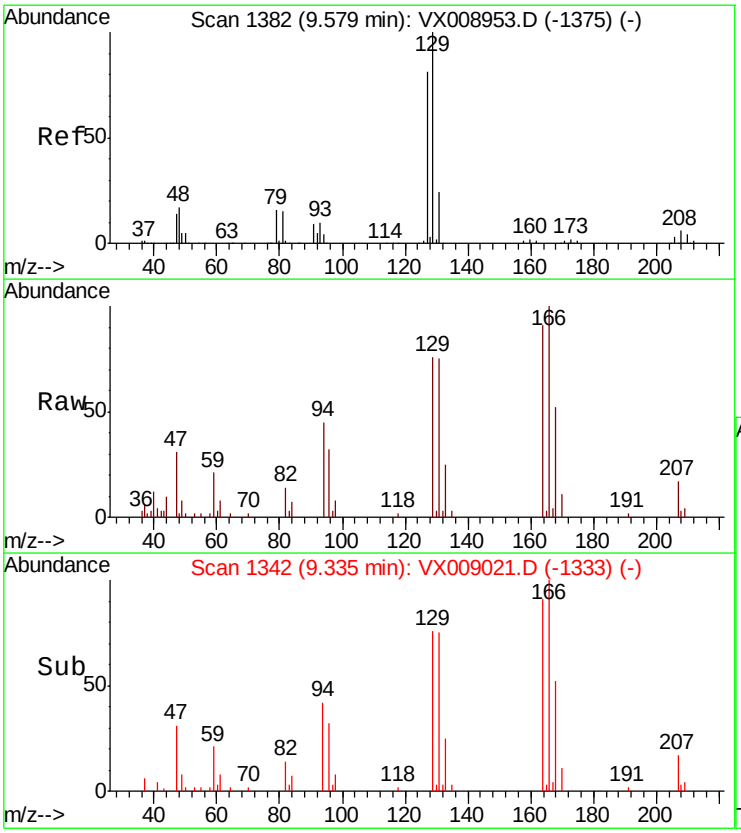
#50
Toluene-d8
Concen: 47.938 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion: 98 Resp: 494852

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.2

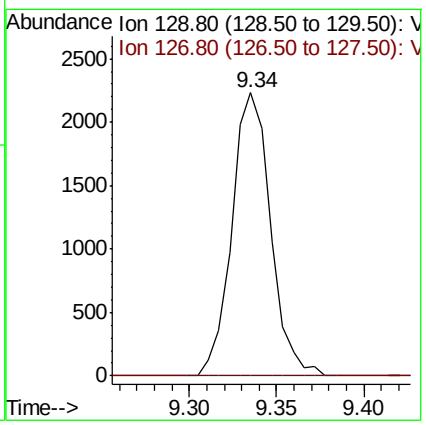


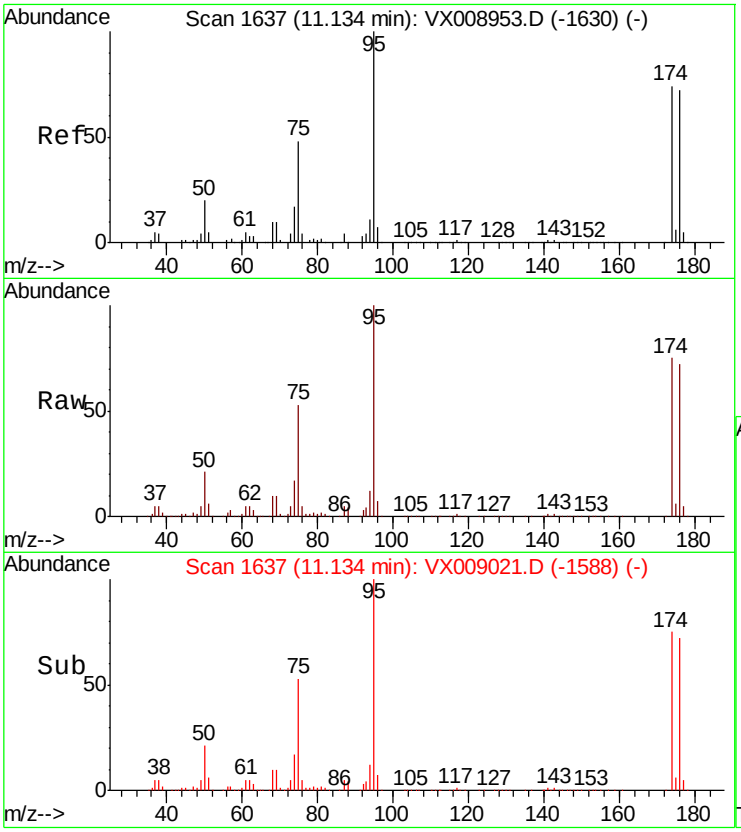


#60
Dibromochloromethane
Concen: 1.227 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion:129 Resp: 3437

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#



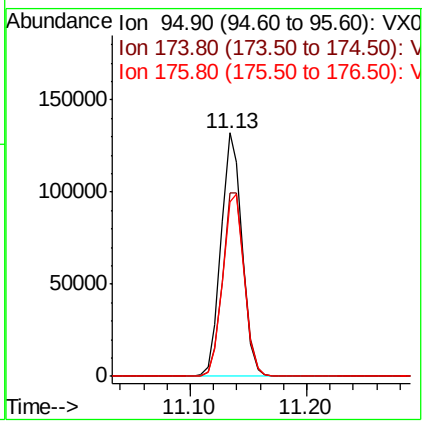


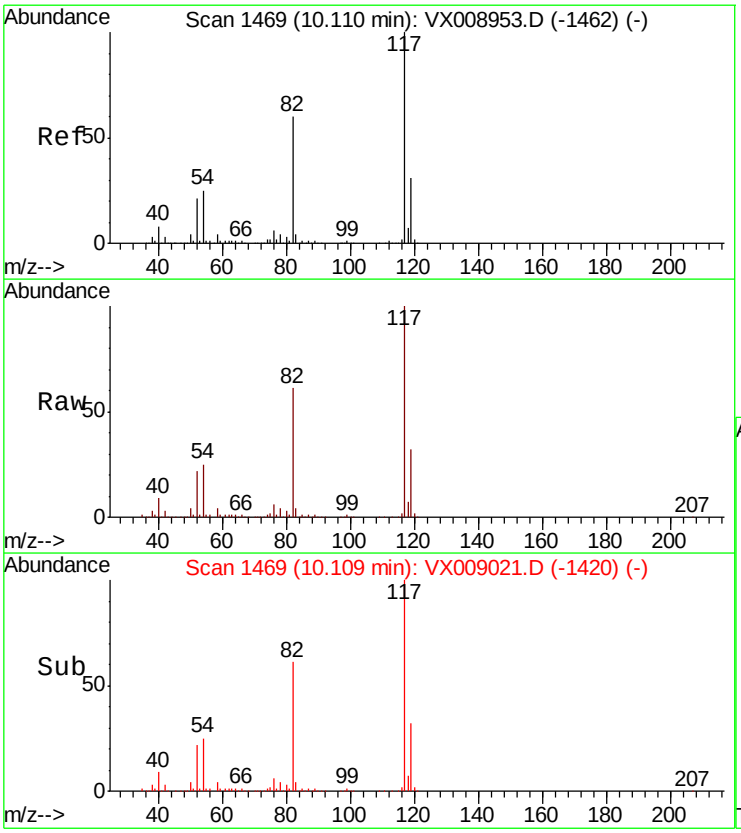
#62
4-Bromofluorobenzene
Concen: 45.039 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion: 95 Resp: 164120

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	159.6
176	76.5	0.0	154.8

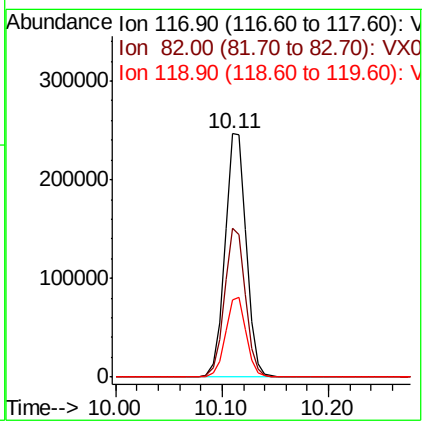


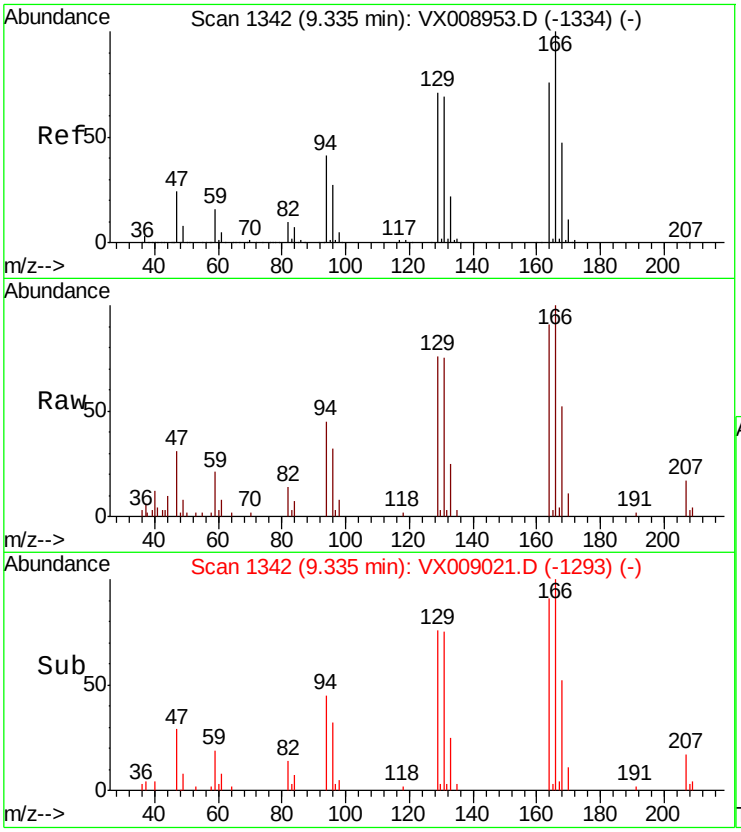


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion:117 Resp: 343756

Ion	Ratio	Lower	Upper
117	100		
82	61.2	48.2	72.4
119	31.6	25.0	37.6



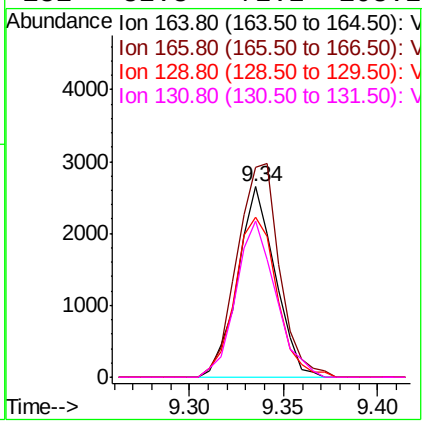


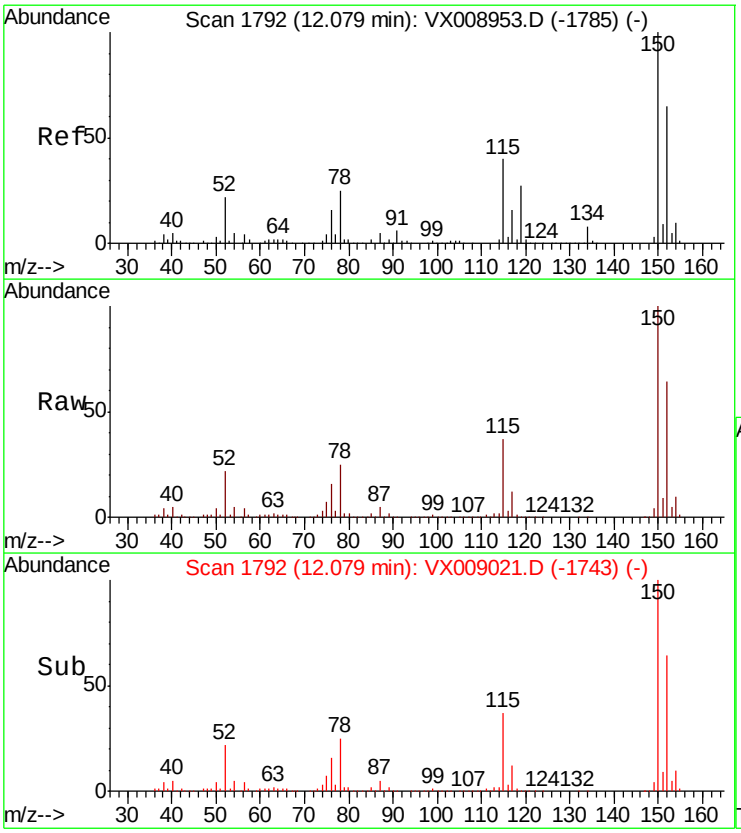
#64
Tetrachloroethene
Concen: 1.405 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion:164 Resp: 3668

Ion	Ratio	Lower	Upper
164	100		
166	110.3	105.0	157.4
129	84.2	74.2	111.4
131	82.3	72.2	108.2

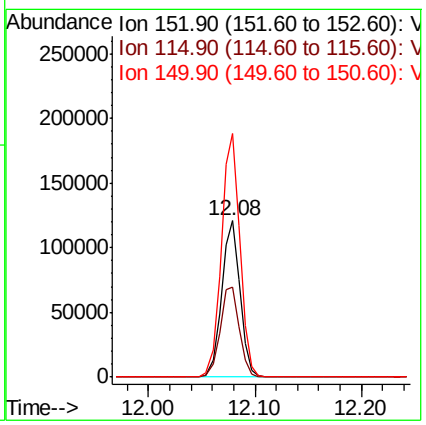


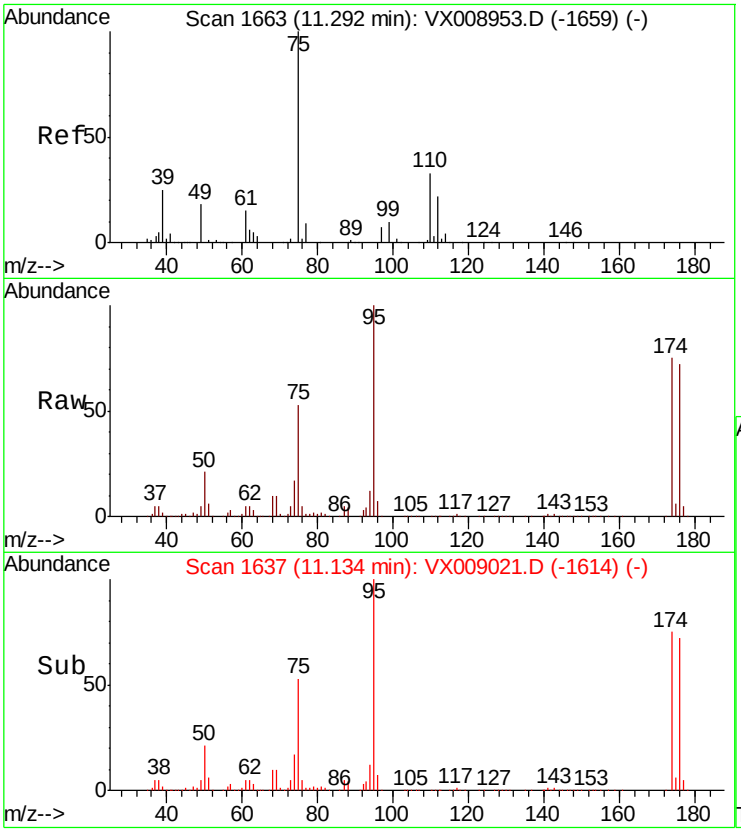


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion:152 Resp: 144988

Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.4	124.2
150	157.5	0.0	349.8



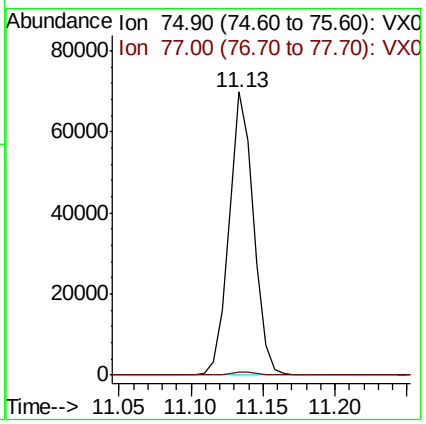


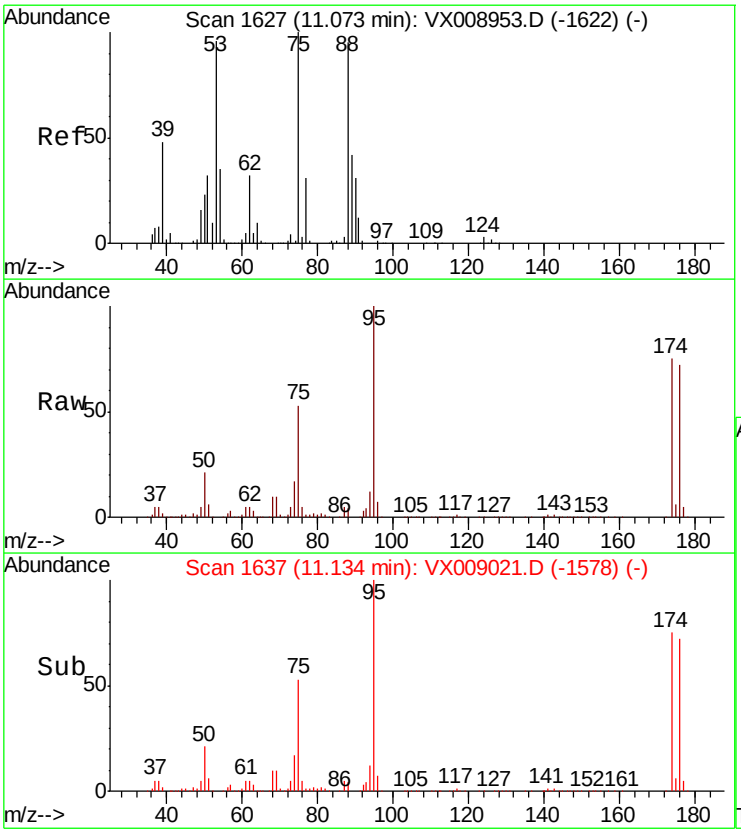
#76
1,2,3-Trichloropropane
Concen: 23.648 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-190415

Tgt Ion: 75 Resp: 83721

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.7	68.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.711 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009021.D
Acq: 17 Apr 2019 17:44

Tgt Ion: 75 Resp: 83721

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.4#
89	0.0	36.0	54.0#