Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
Data File : VX007528.D
Acq On : 13 Feb 2019 18:44
Operator : JC/SP
Sample : K1463-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : M2-T0-02-INF(PRE-GAC)

Quant Time: Feb 14 02:38:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	530803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	838103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	767613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	371253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	287965	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.22%			
35) Dibromofluoromethane	5.51	113	266038	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.58%			
50) Toluene-d8	8.71	98	992901	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.14%			
62) 4-Bromofluorobenzene	11.13	95	346702	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	316	0.226	ug/l #	43
5) Bromomethane	1.65	94	552	Below Cal	#	62
6) Chloroethane	1.70	64	2214	0.584	ug/l #	43
11) Tert butyl alcohol	3.10	59	286	0.245	ug/l #	1
13) Acrolein	2.29	56	224	0.410	ug/l #	1
16) Acetone	2.45	43	5444	2.109	ug/l	90
17) Carbon Disulfide	2.58	76	1478	2.228	ug/l #	93
18) Methyl Acetate	2.78	43	1075	0.751	ug/l #	39
19) Methyl tert-butyl Ether	3.20	73	20382	1.241	ug/l	98
20) Methylene Chloride	2.86	84	1165	Below Cal	#	60
25) 2-Butanone	4.70	43	1036	0.282	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	1311	0.222	ug/l	69
29) Tetrahydrofuran	5.16	42	5349	2.316	ug/l #	81
36) 1,1-Dichloropropene	5.66	75	33689	4.480	ug/l #	49
38) Carbon Tetrachloride	5.67	117	47946	6.572	ug/l #	17
44) Trichloroethene	7.22	130	5519	0.827	ug/l	93
49) 1,4-Dioxane	7.77	88	628	11.552	ug/l #	49
64) Tetrachloroethene	9.34	164	2465	0.341	ug/l	96
71) Bromoform	10.89	173	102	4.048	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	167417	23.184	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	167417	69.827	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	12.99	75	345	0.216	ug/l #	5

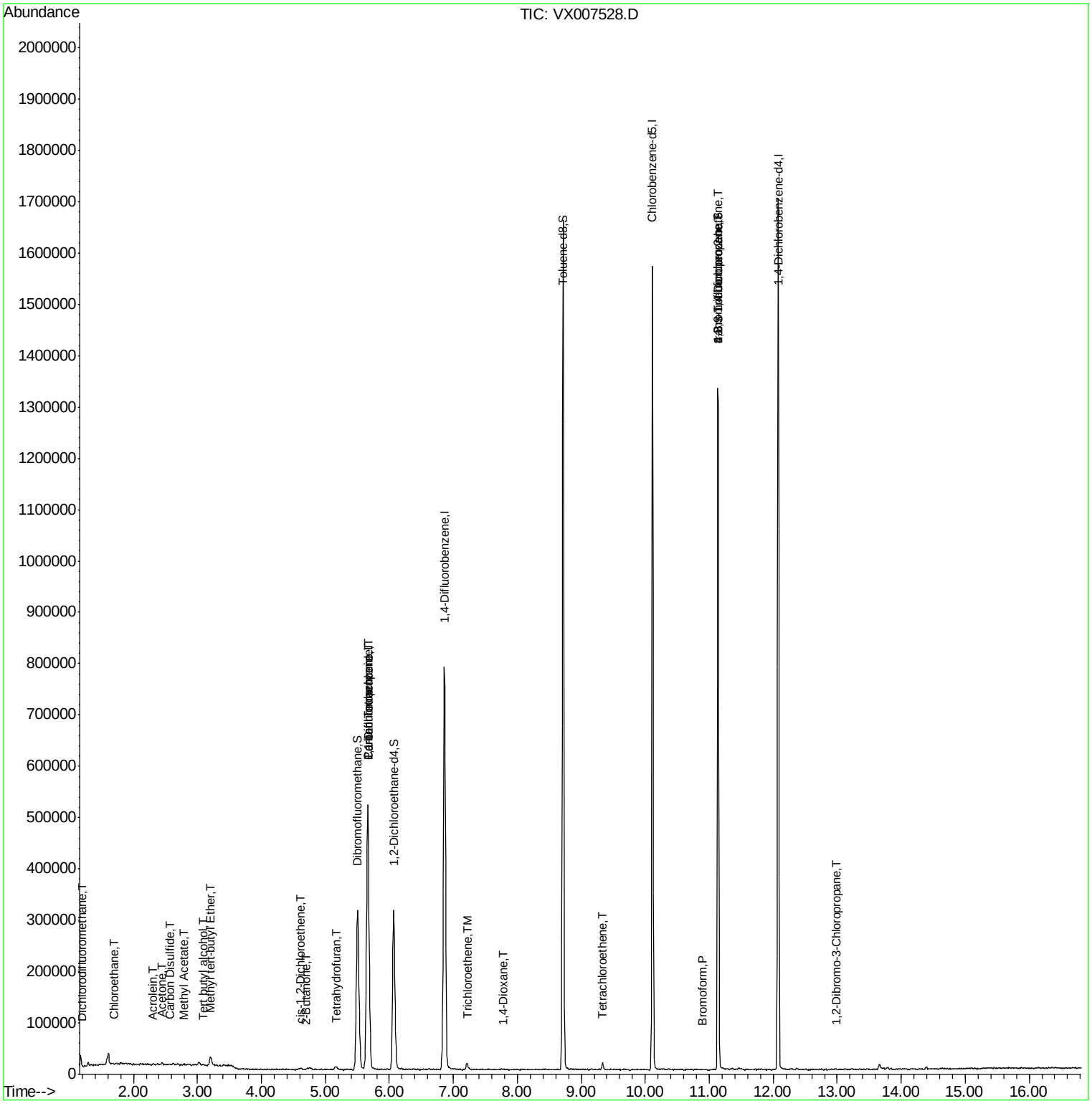
(#) = qualifier out of range (m) = manual integration (+) = signals summed

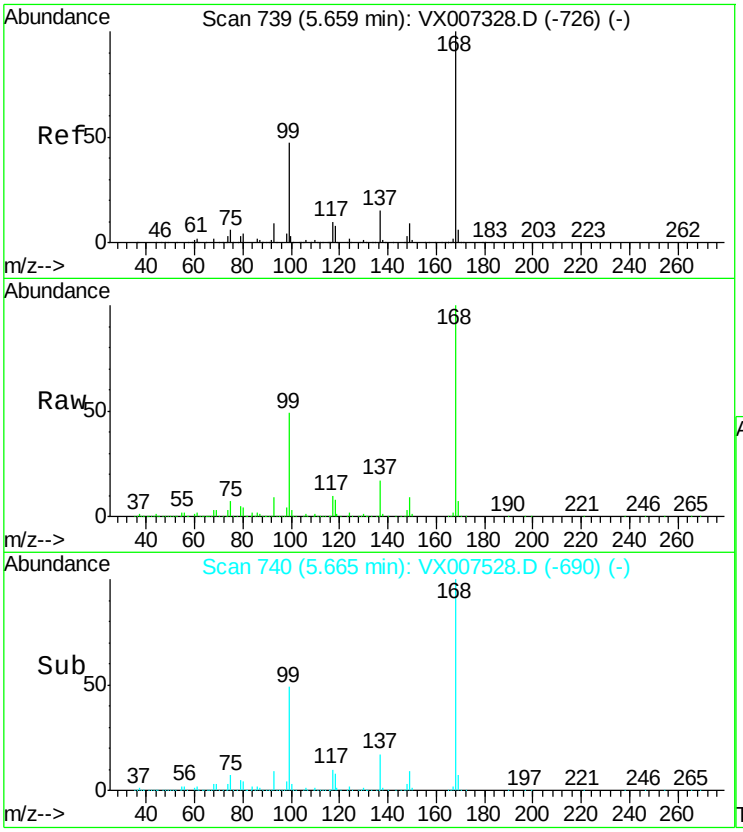
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
Data File : VX007528.D
Acq On : 13 Feb 2019 18:44
Operator : JC/SP
Sample : K1463-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Quant Time: Feb 14 02:38:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration



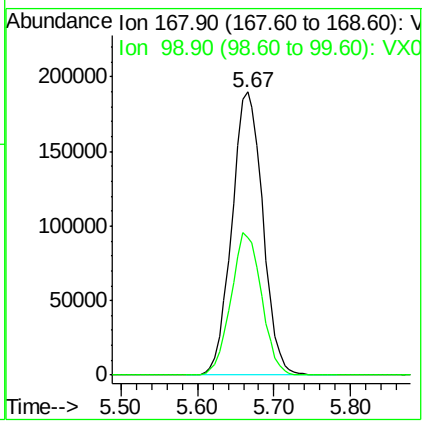


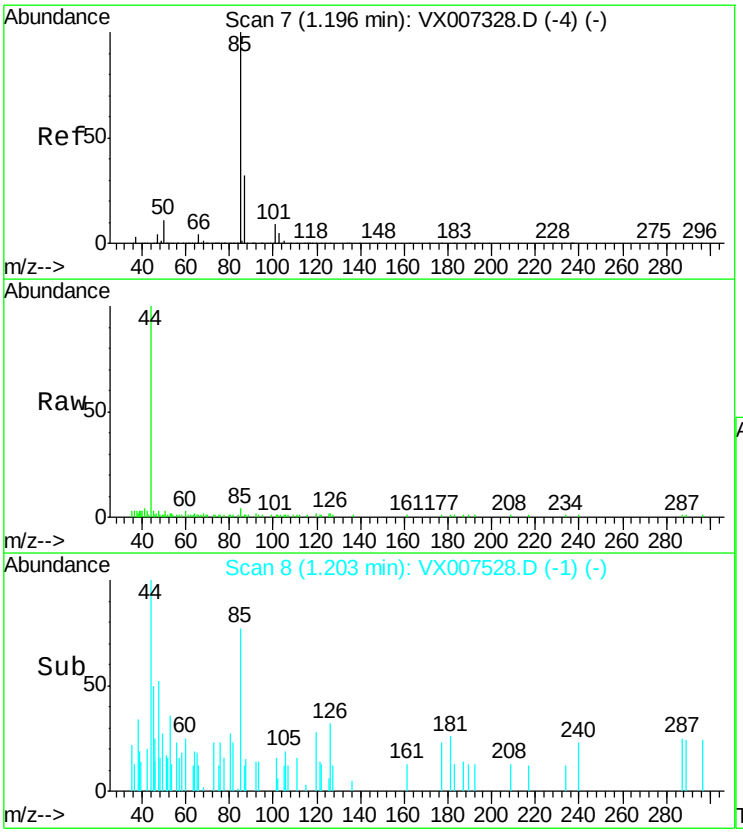
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion:168 Resp: 530803

Ion	Ratio	Lower	Upper
168	100		
99	48.7	37.9	56.9

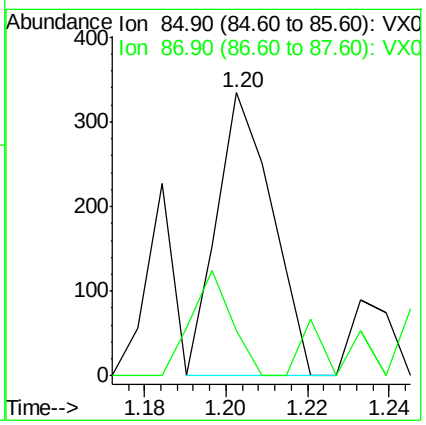


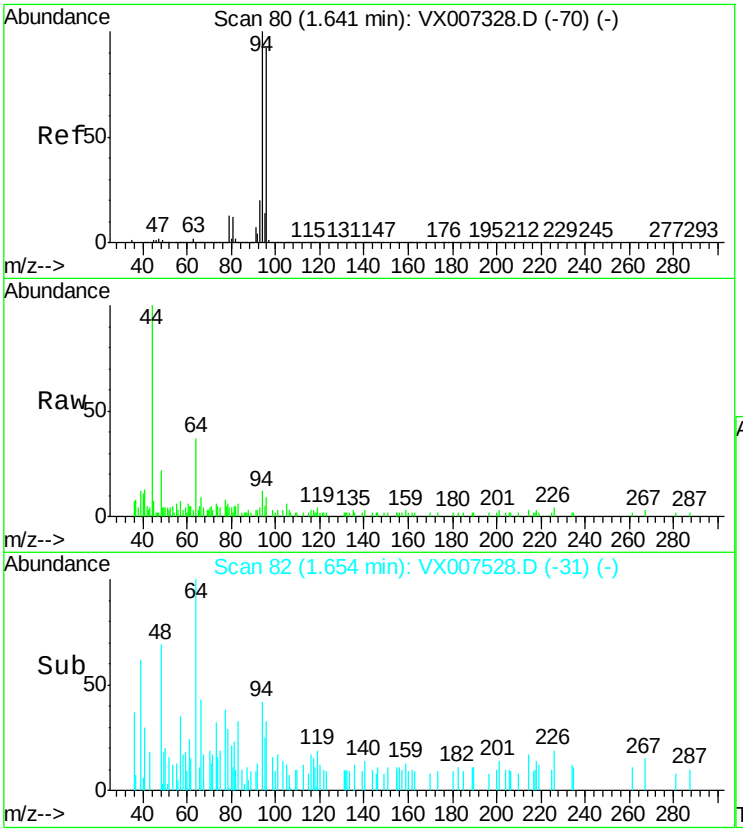


#2
Dichlorodifluoromethane
Concen: 0.226 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion: 85 Resp: 316

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.8	47.4#



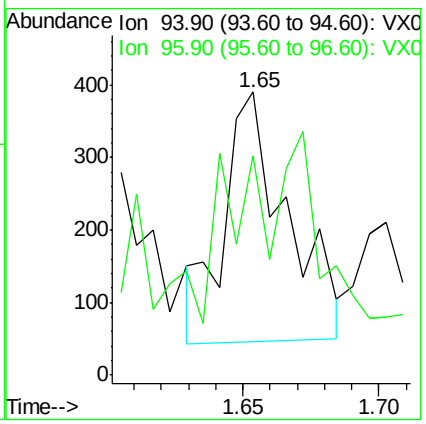


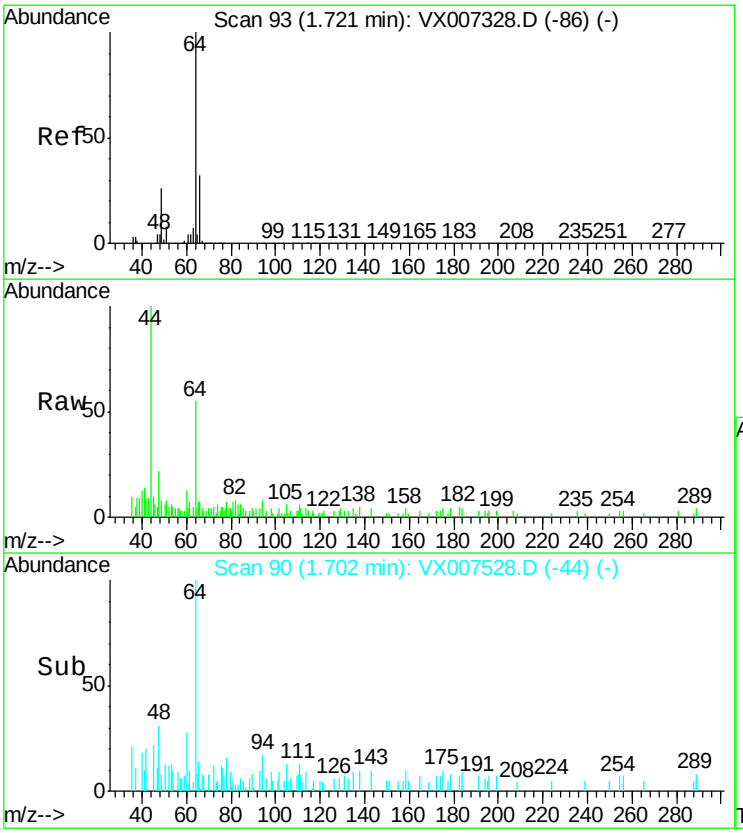
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion: 94 Resp: 552

Ion	Ratio	Lower	Upper
94	100		
96	55.8	73.9	110.9#

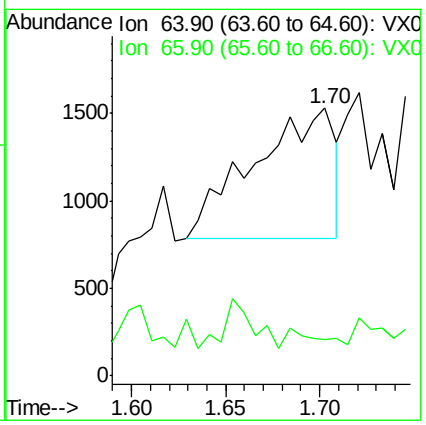


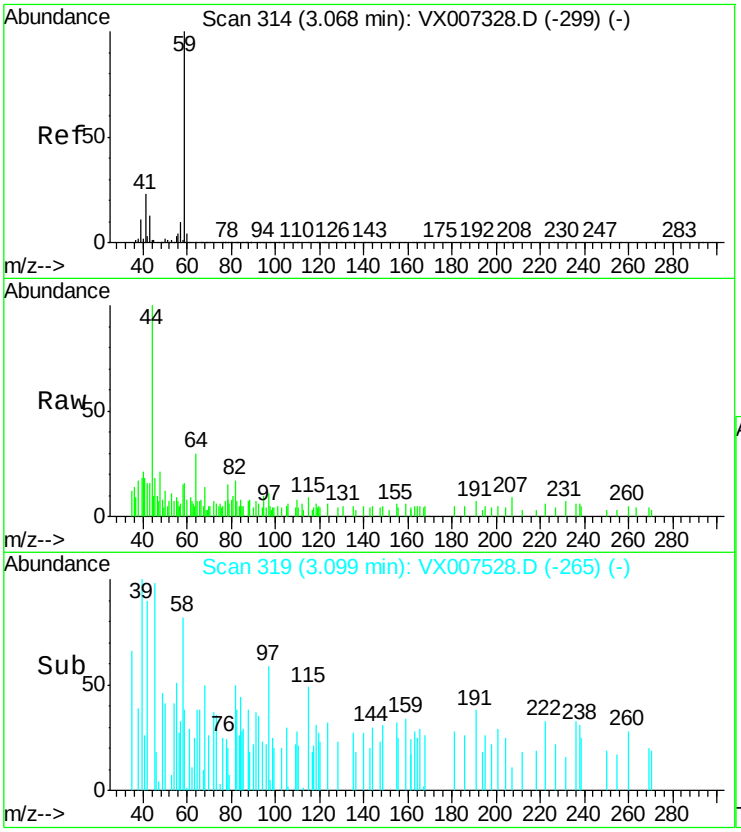


#6
Chloroethane
Concen: 0.584 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.02 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion: 64 Resp: 2214

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



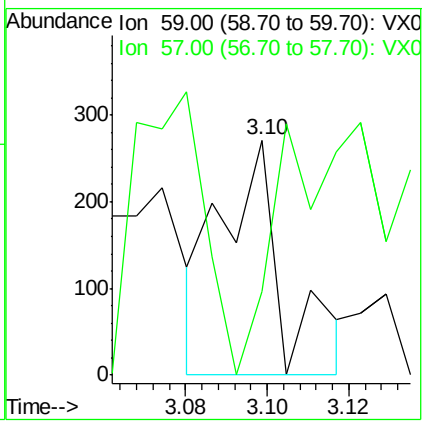


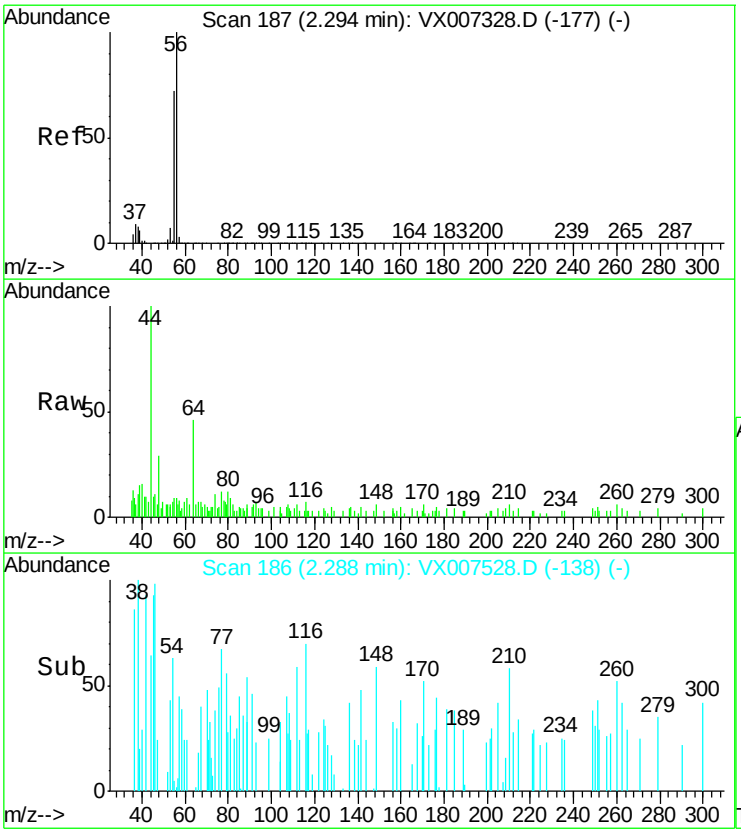
#11
Tert butyl alcohol
Concen: 0.245 ug/l
RT: 3.10 min Scan# 319
Delta R.T. 0.03 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion: 59 Resp: 286

Ion	Ratio	Lower	Upper
59	100		
57	132.9	8.1	12.1#

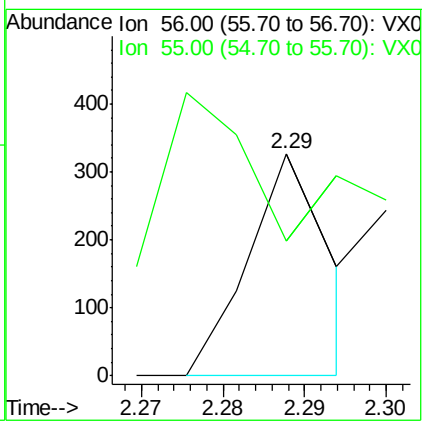


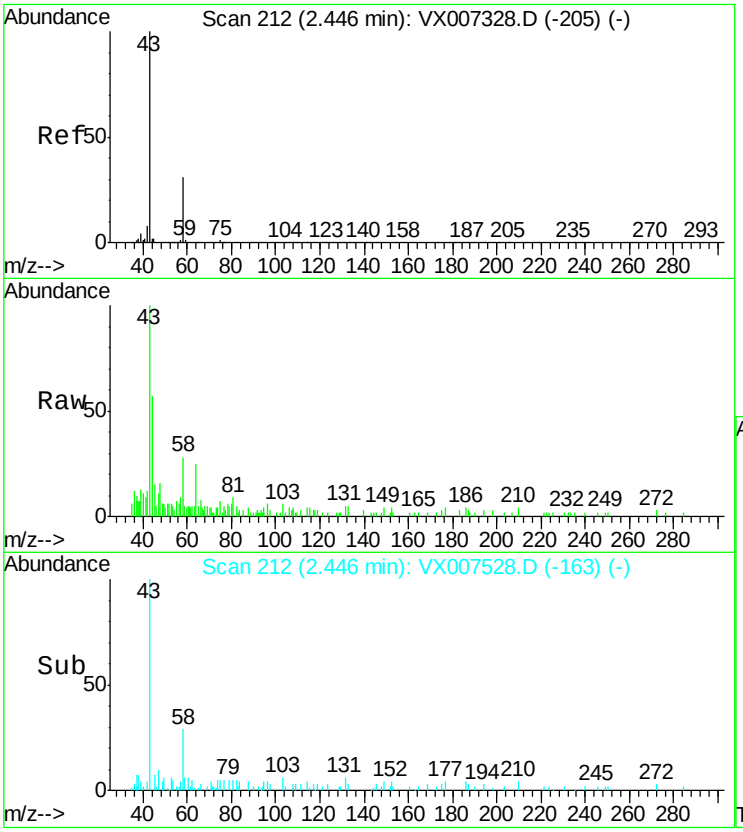


#13
Acrolein
Concen: 0.410 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion: 56 Resp: 224

Ion	Ratio	Lower	Upper
56	100		
55	162.9	56.9	85.3#



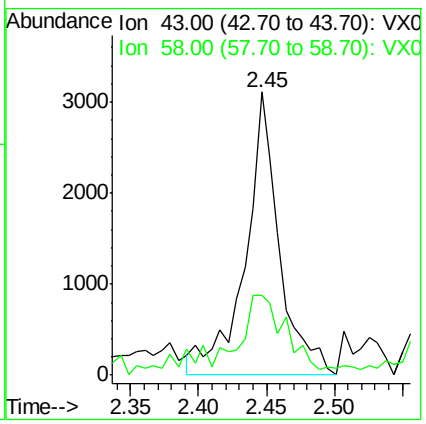


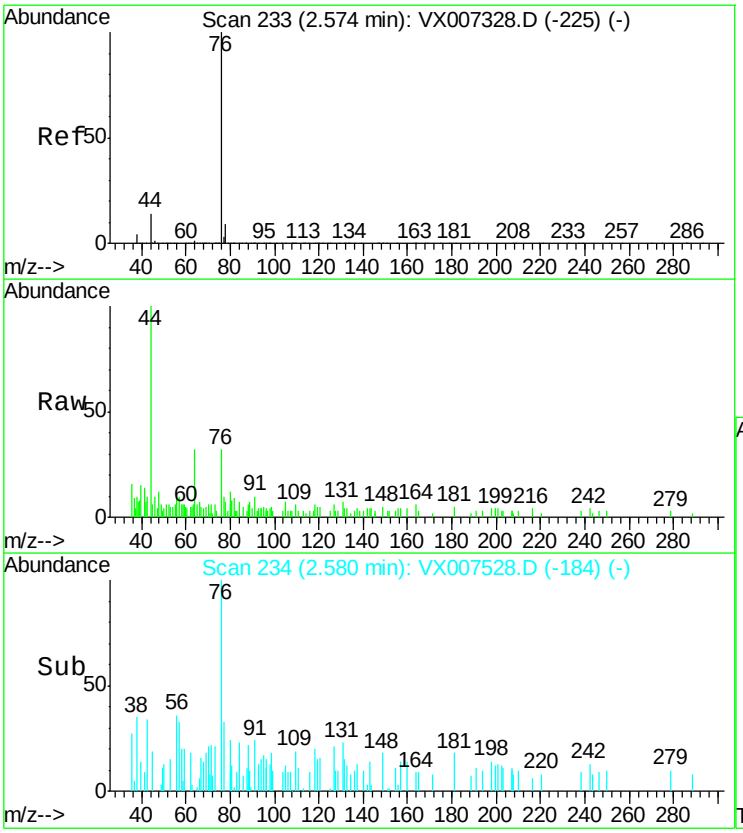
#16
Acetone
Concen: 2.109 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion: 43 Resp: 5444

Ion	Ratio	Lower	Upper
43	100		
58	25.7	24.9	37.3

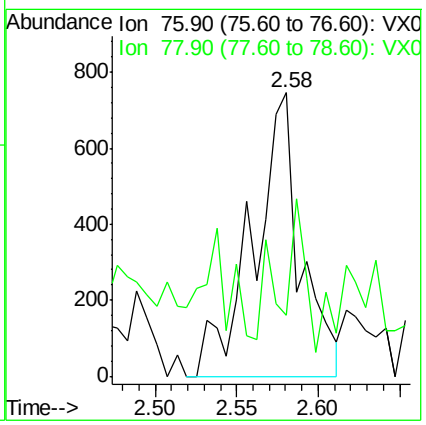


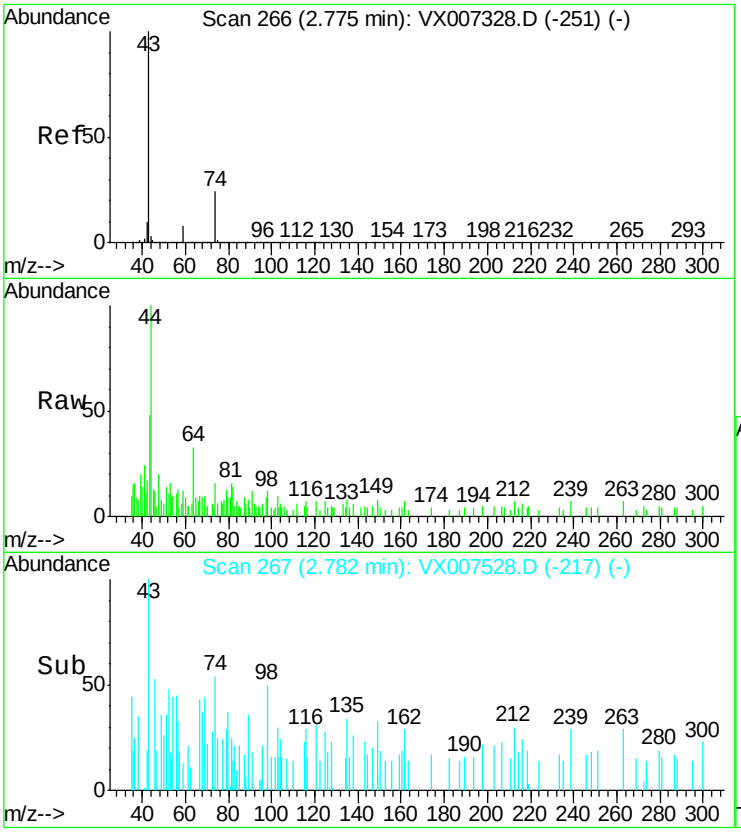


#17
Carbon Disulfide
Concen: 2.228 ug/l
RT: 2.58 min Scan# 234
Delta R.T. 0.01 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion: 76 Resp: 1478

Ion	Ratio	Lower	Upper
76	100		
78	6.4	7.1	10.7#



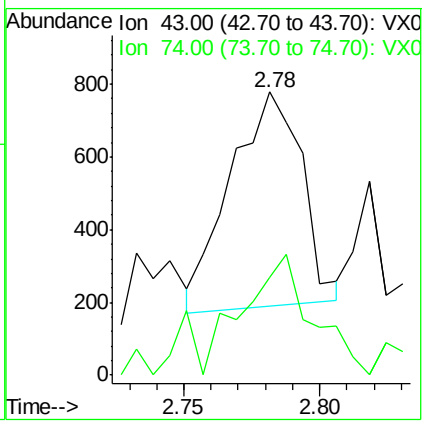


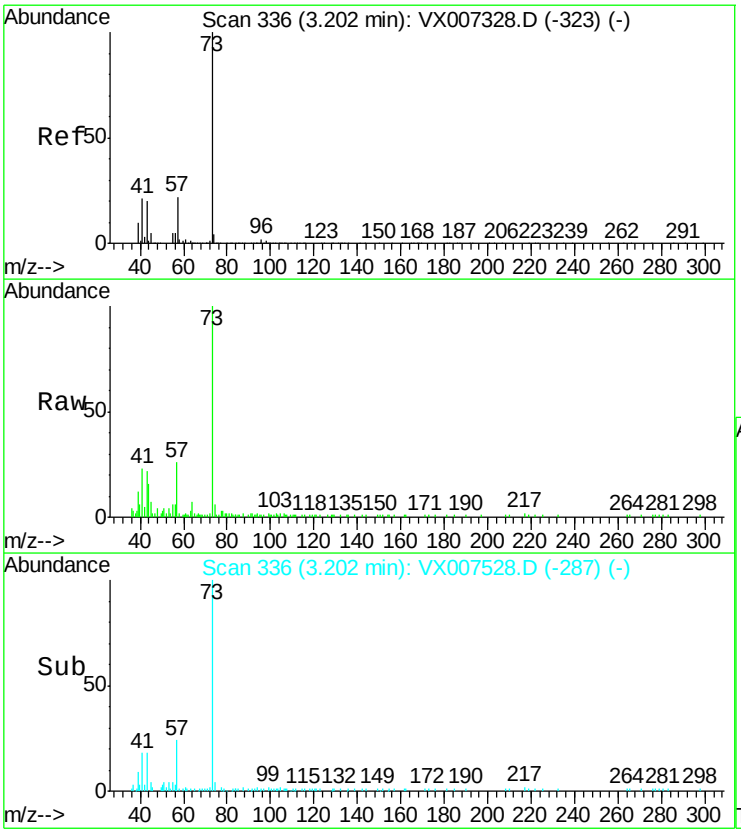
#18
Methyl Acetate
Concen: 0.751 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion: 43 Resp: 1075

Ion	Ratio	Lower	Upper
43	100		
74	54.4	19.4	29.2#

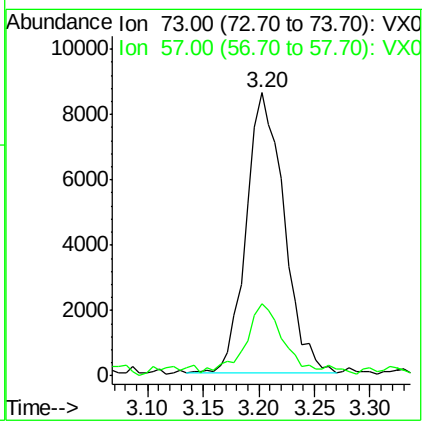


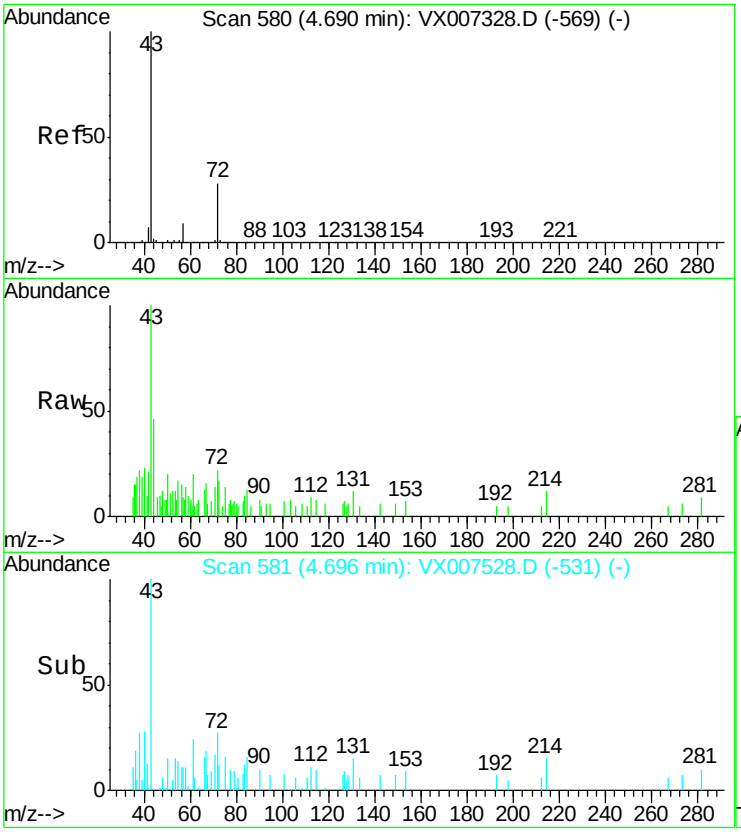


#19
Methyl tert-butyl Ether
Concen: 1.241 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion: 73 Resp: 20382

Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.8	26.8



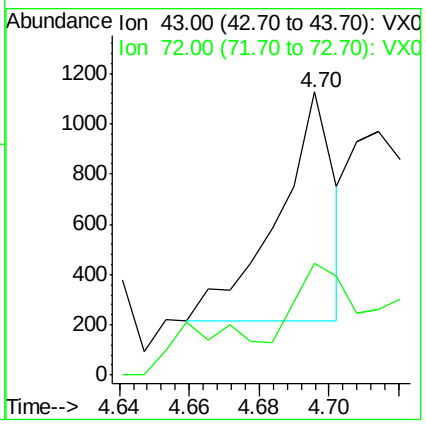


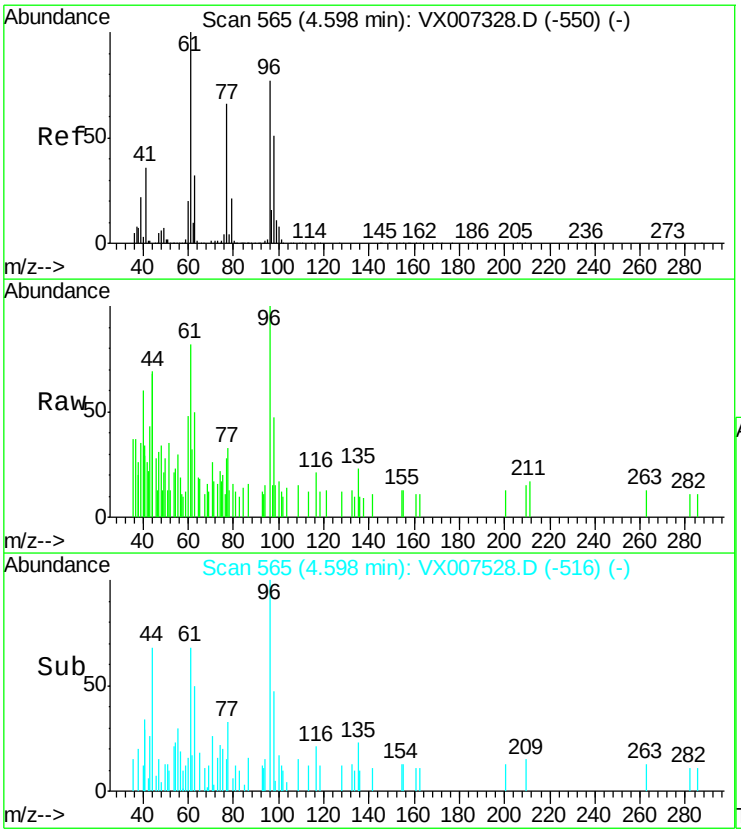
#25
2-Butanone
Concen: 0.282 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion: 43 Resp: 1036

Ion	Ratio	Lower	Upper
43	100		
72	25.5	22.2	33.2

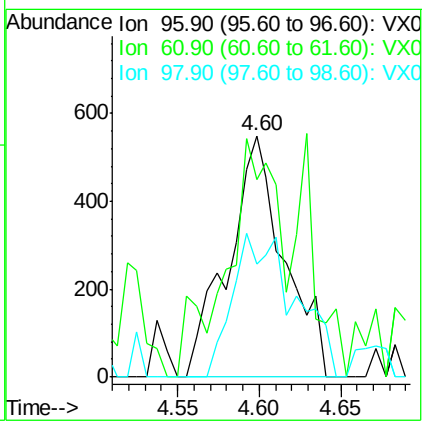


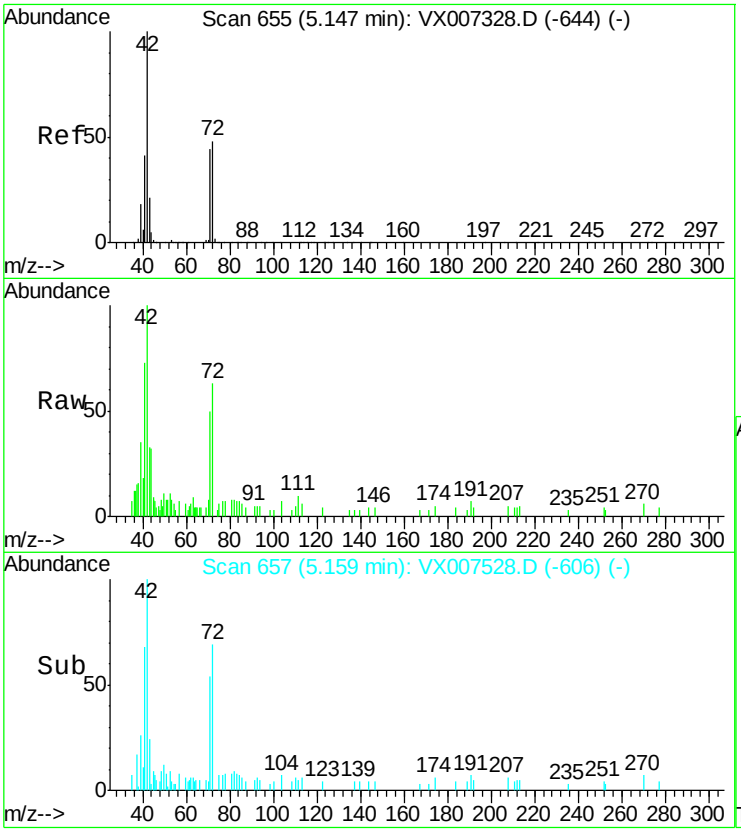


#27
cis-1,2-Dichloroethene
Concen: 0.222 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion: 96 Resp: 1311

Ion	Ratio	Lower	Upper
96	100		
61	78.1	0.0	265.6
98	65.5	0.0	131.6



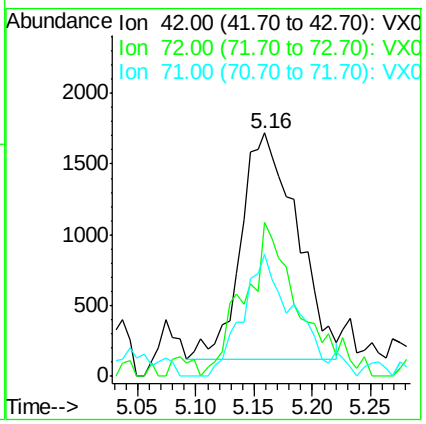


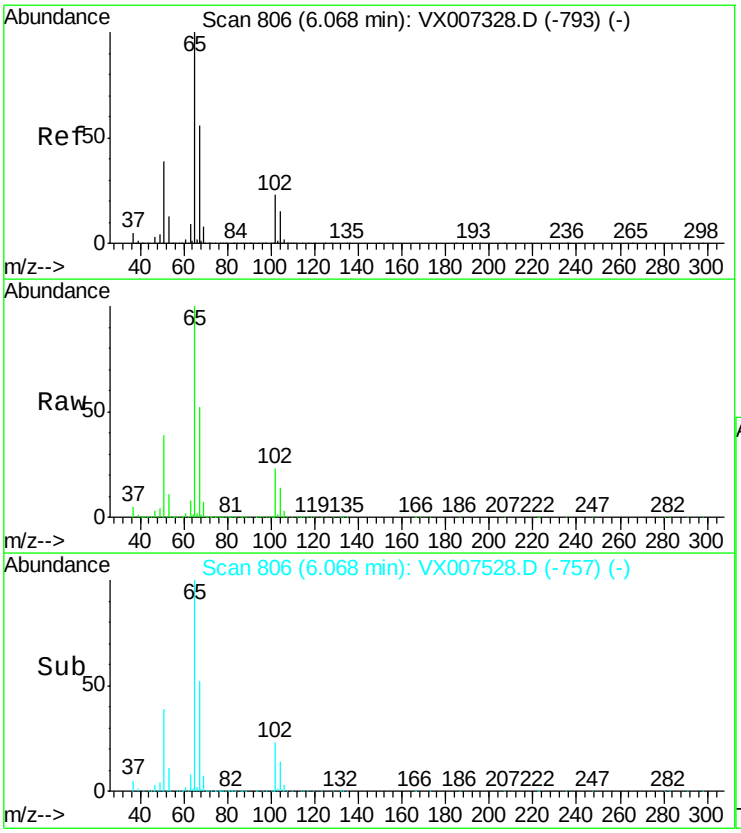
#29
Tetrahydrofuran
Concen: 2.316 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion: 42 Resp: 5349

Ion	Ratio	Lower	Upper
42	100		
72	67.0	37.6	56.4#
71	48.4	34.6	51.8

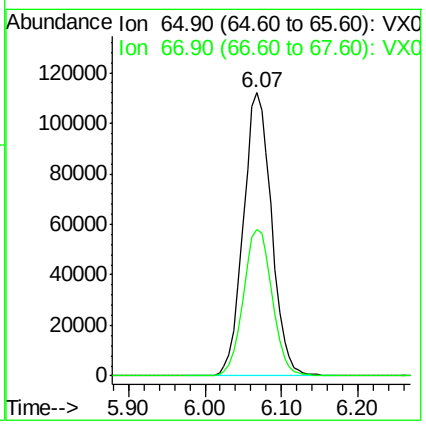


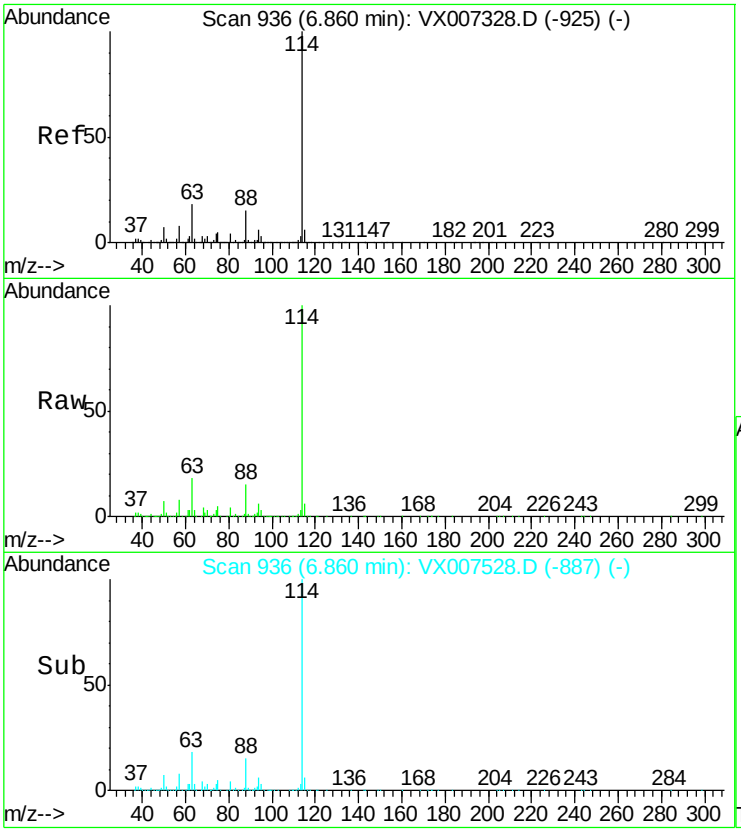


#33
1,2-Dichloroethane-d4
Concen: 51.112 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion: 65 Resp: 287965

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	108.8



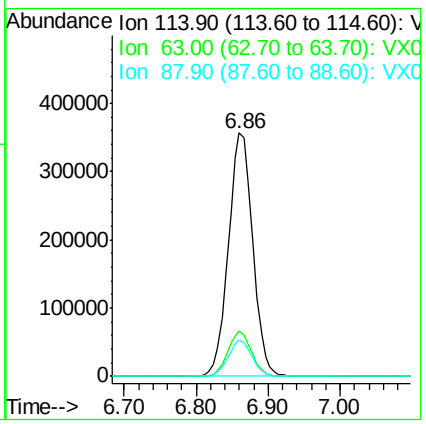


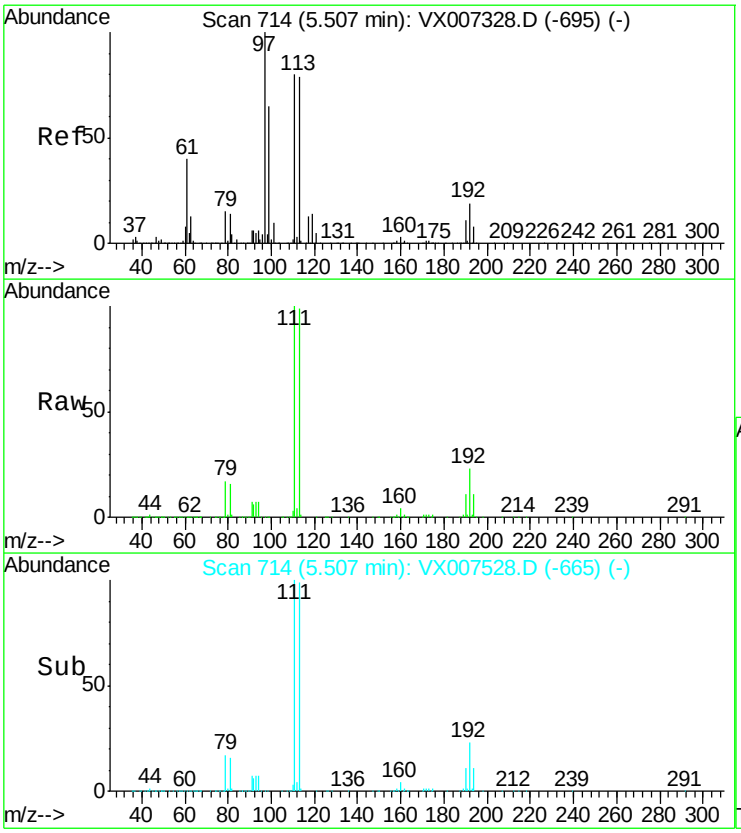
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion:114 Resp: 838103

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	35.6
88	15.1	0.0	29.6

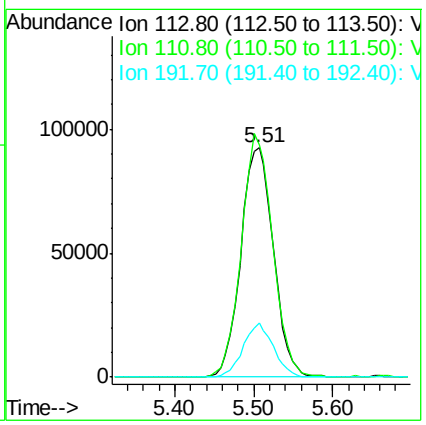


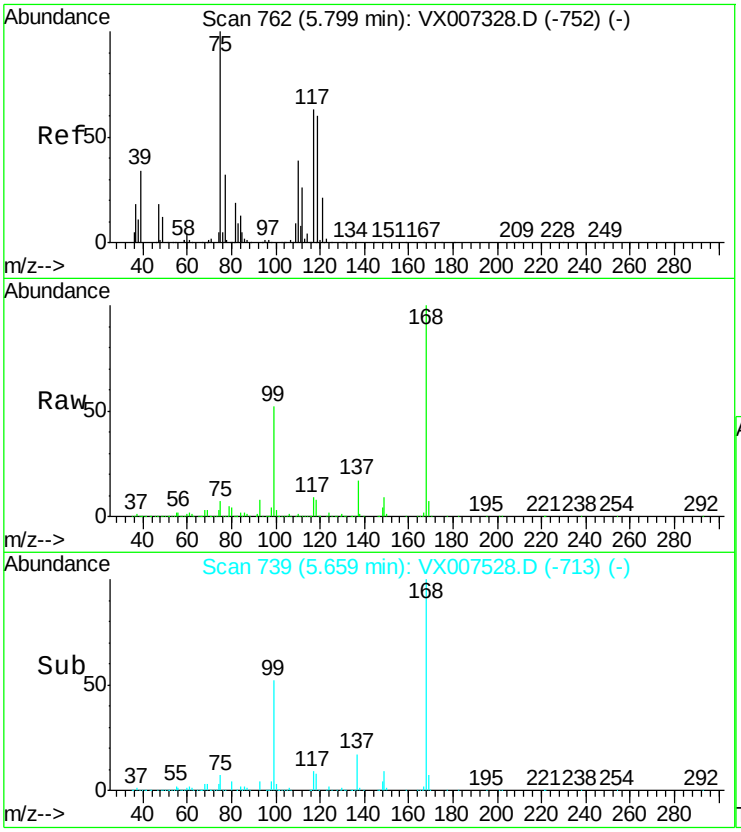


#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion:113 Resp: 266038

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	21.8	18.5	27.7



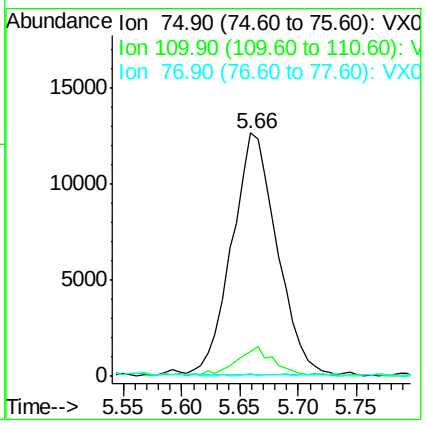


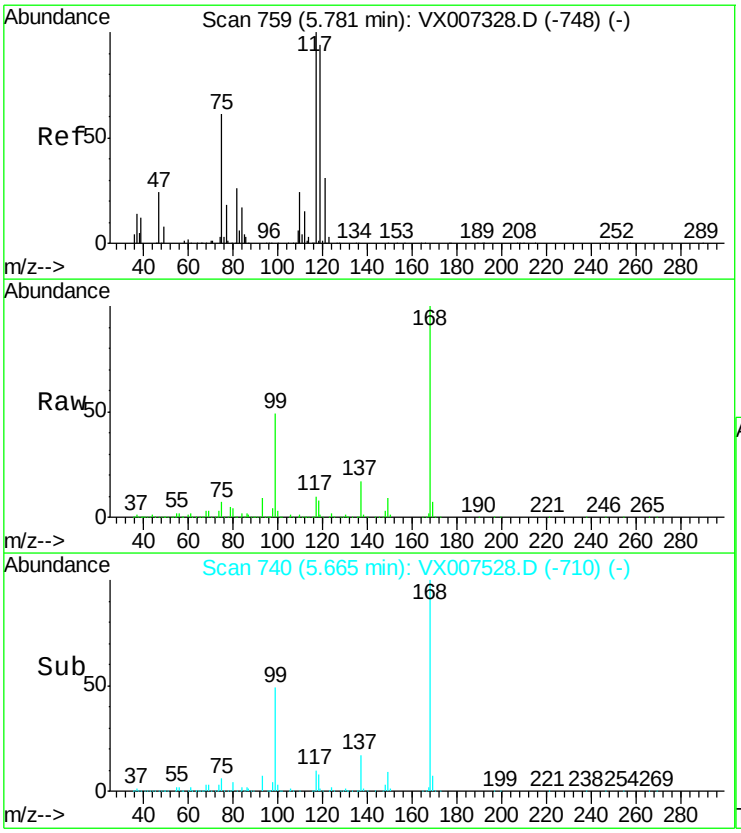
#36
1,1-Dichloropropene
Concen: 4.480 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion: 75 Resp: 33689

Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.0	59.9#
77	0.3	24.7	37.1#

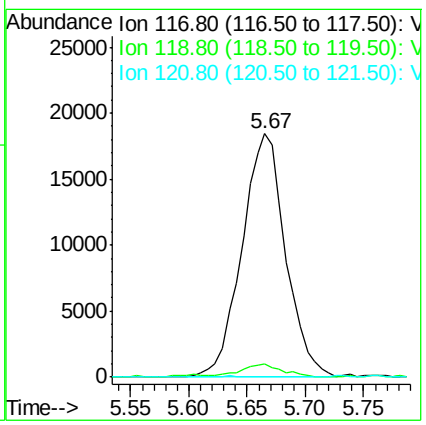


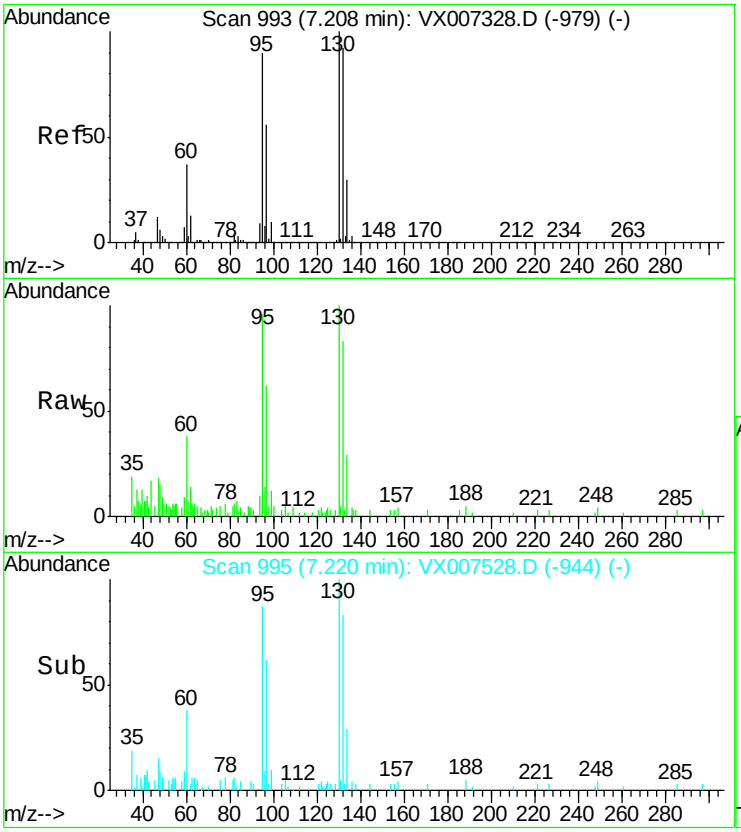


#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion:117 Resp: 47946

Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.3	112.9#
121	0.0	25.0	37.4#



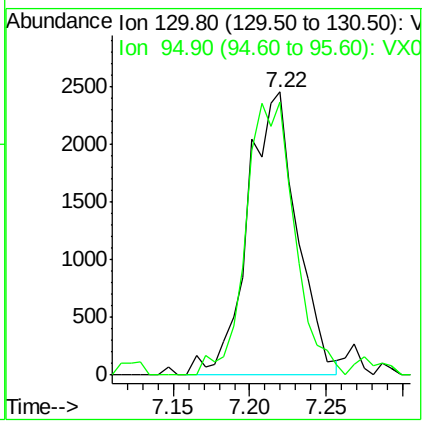


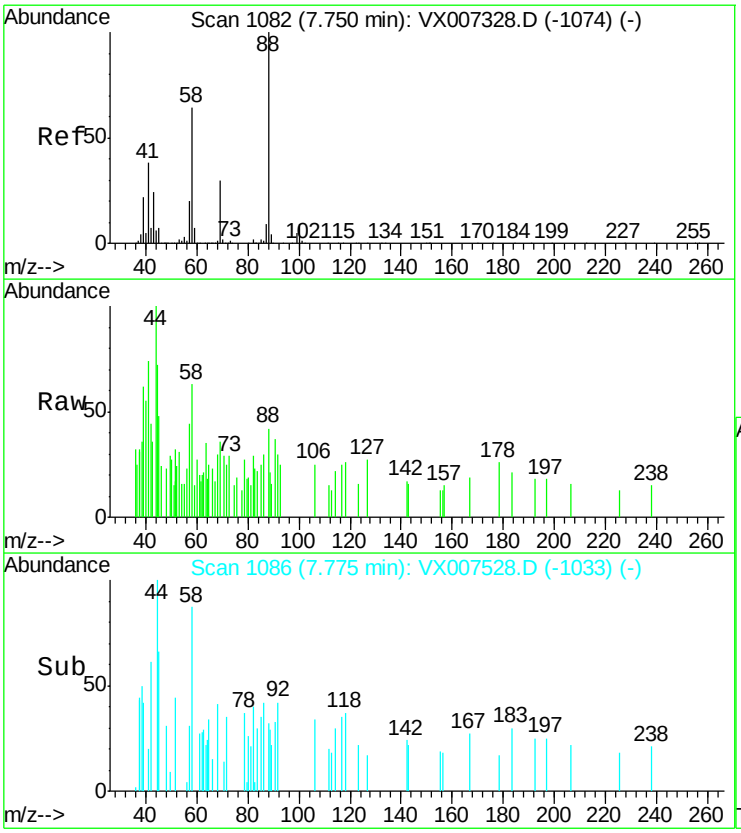
#44
Trichloroethene
Concen: 0.827 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion:130 Resp: 5519

Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	180.0

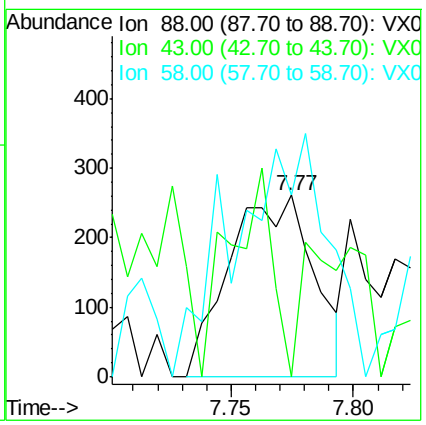


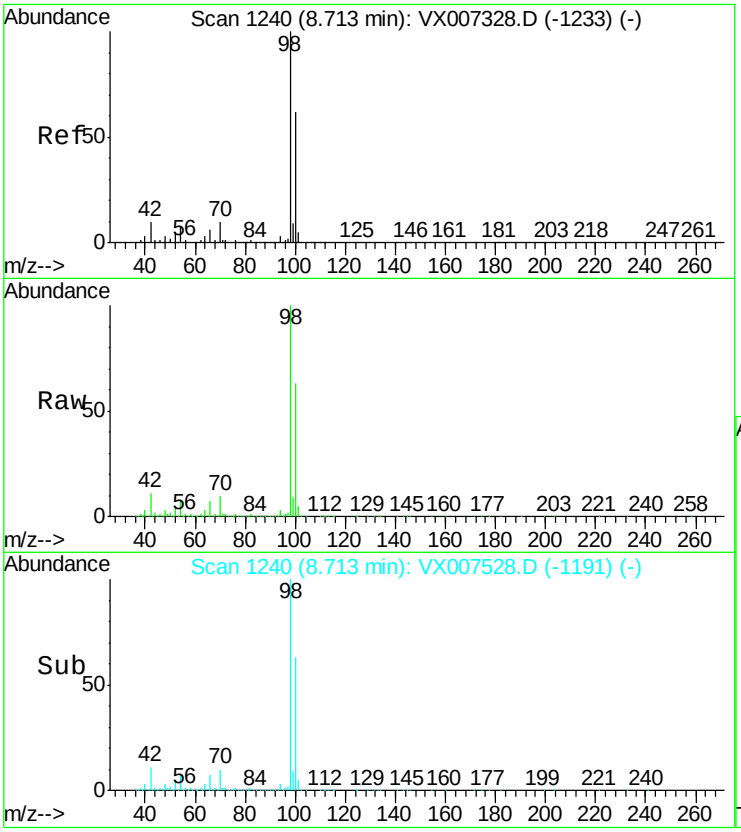


#49
1,4-Dioxane
Concen: 11.552 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.02 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion: 88 Resp: 628

Ion	Ratio	Lower	Upper
88	100		
43	51.0	24.2	36.4#
58	111.9	53.0	79.4#



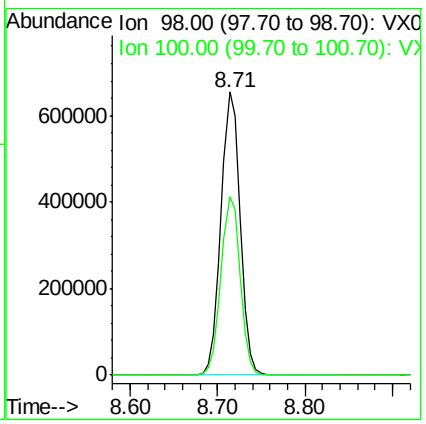


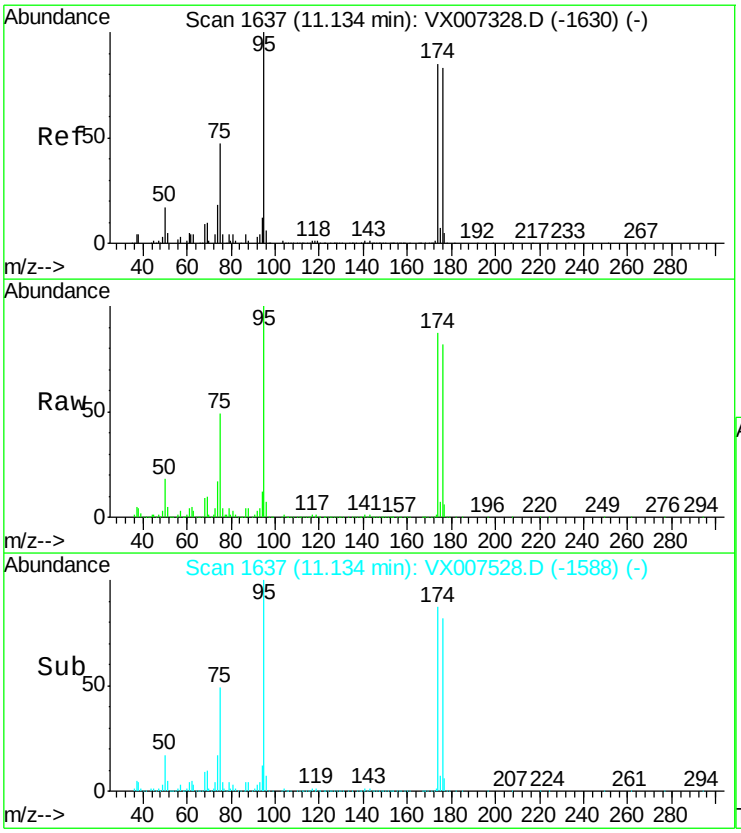
#50
Toluene-d8
Concen: 49.075 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion: 98 Resp: 992901

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.6	77.4

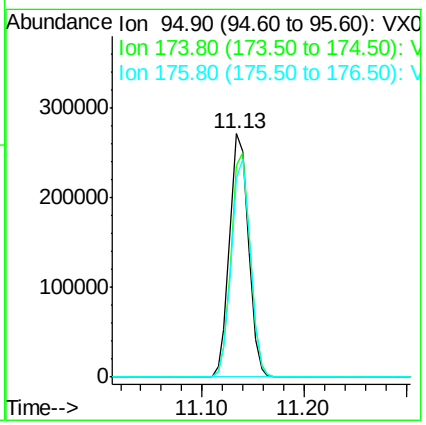


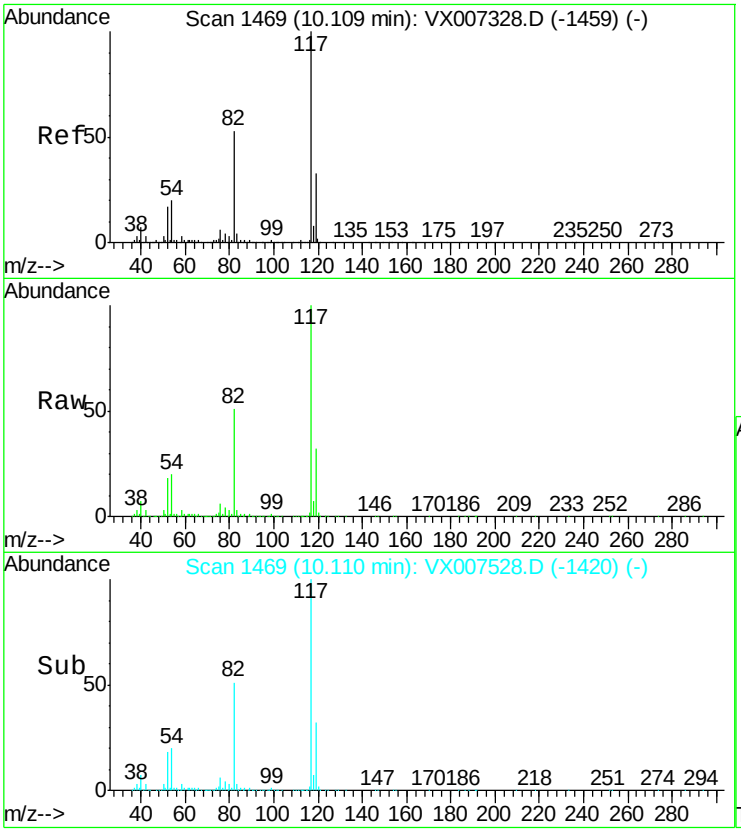


#62
4-Bromofluorobenzene
Concen: 46.935 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion: 95 Resp: 346702

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	189.2
176	89.6	0.0	186.2



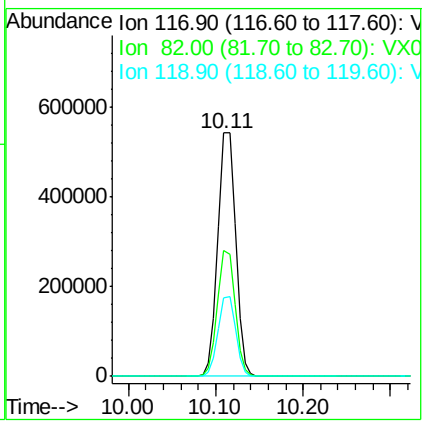


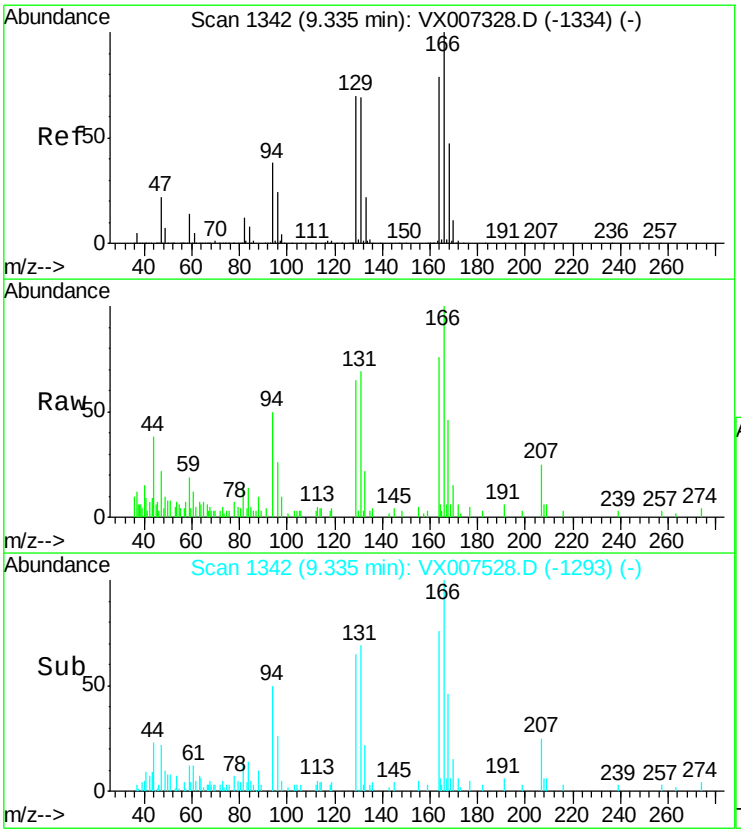
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion:117 Resp: 767613

Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.1	63.1
119	32.3	26.5	39.7

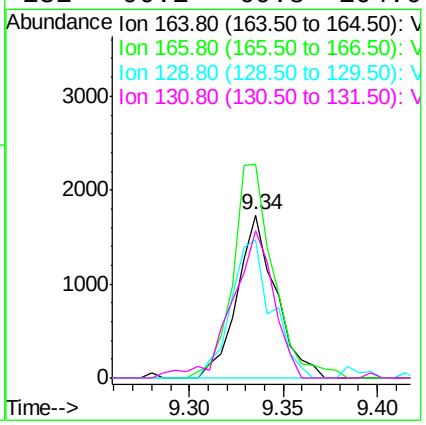


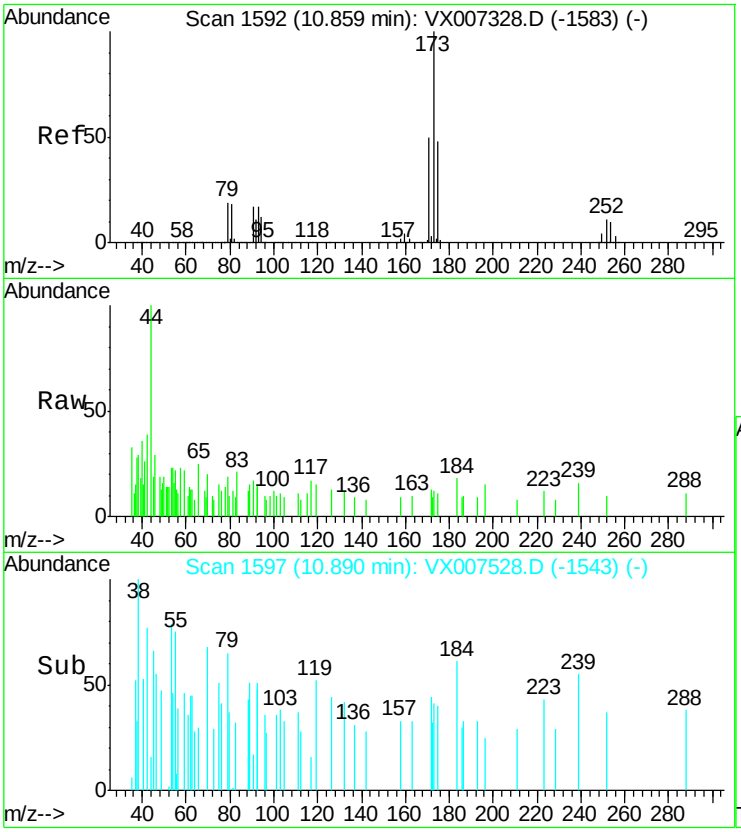


#64
Tetrachloroethene
Concen: 0.341 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion:164 Resp: 2465

Ion	Ratio	Lower	Upper
164	100		
166	131.2	101.0	151.4
129	84.9	70.5	105.7
131	90.1	69.8	104.6



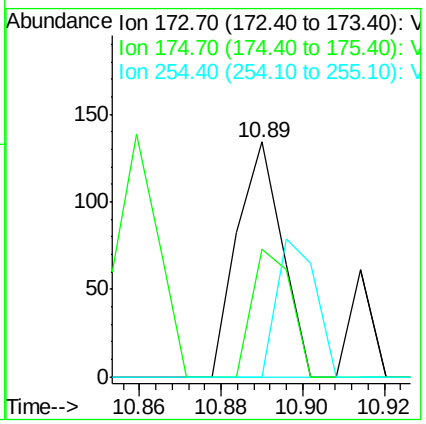


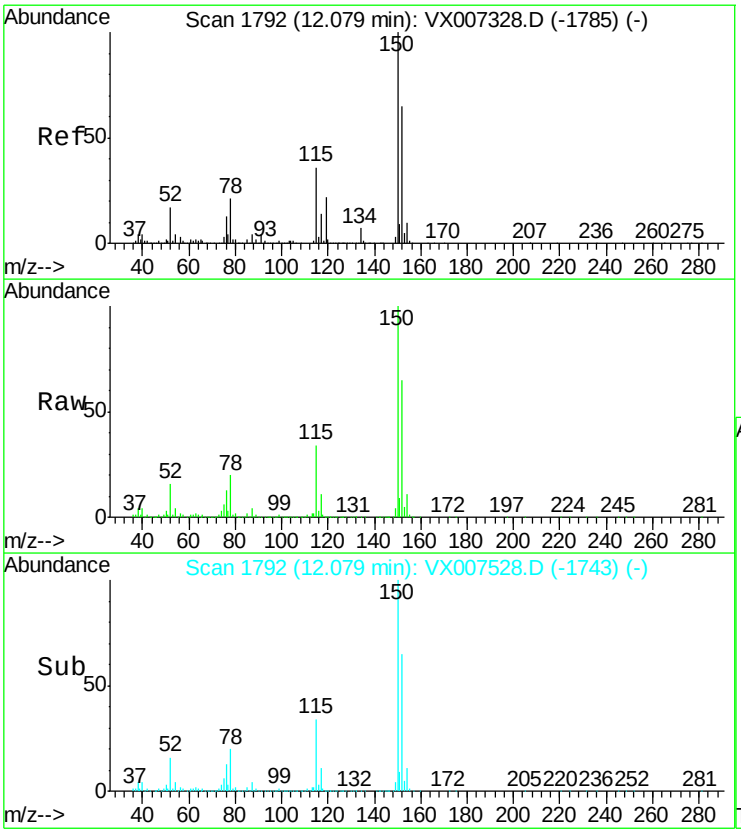
#71
Bromoform
Concen: 4.048 ug/l
RT: 10.89 min Scan# 1597
Delta R.T. 0.03 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion:173 Resp: 102

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.2	72.6#
254	52.0	0.2	0.2#

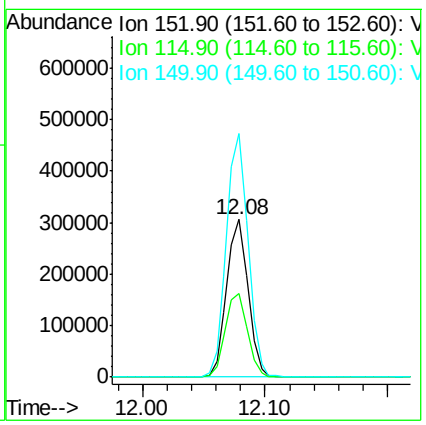


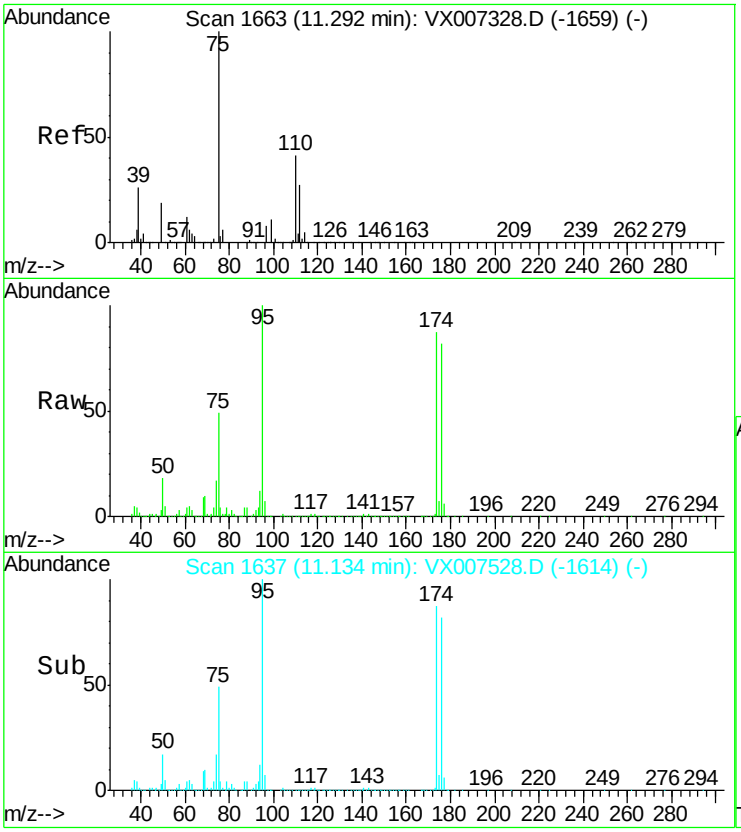


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion:152 Resp: 371253

Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.0	114.0
150	156.2	0.0	346.4



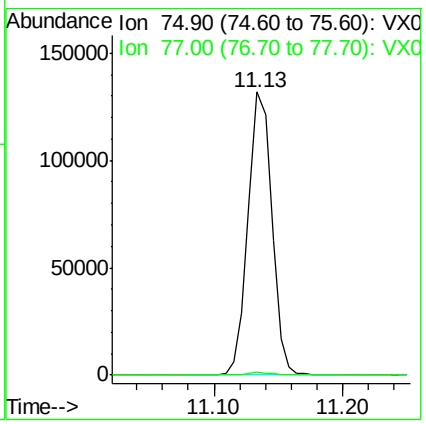


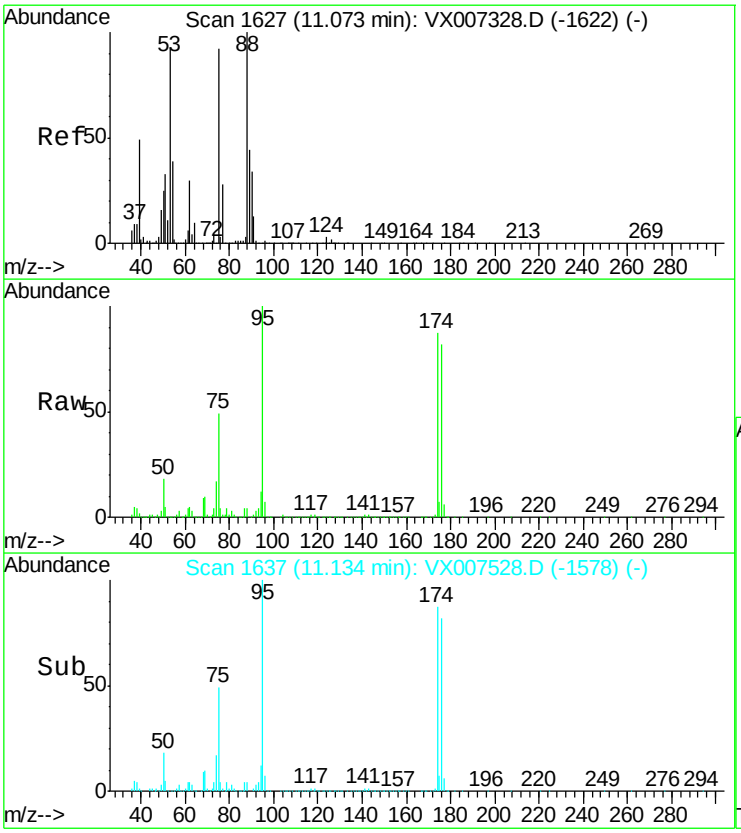
#76
1,2,3-Trichloropropane
Concen: 23.184 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion: 75 Resp: 167417

Ion	Ratio	Lower	Upper
75	100		
77	1.3	23.0	69.0#

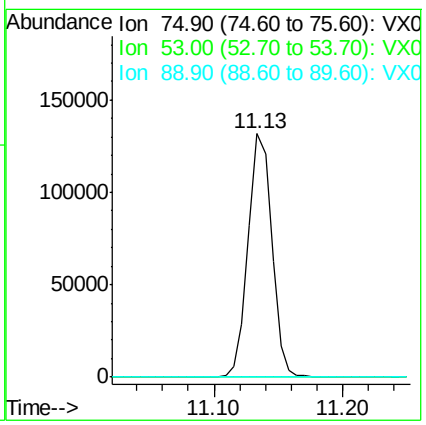


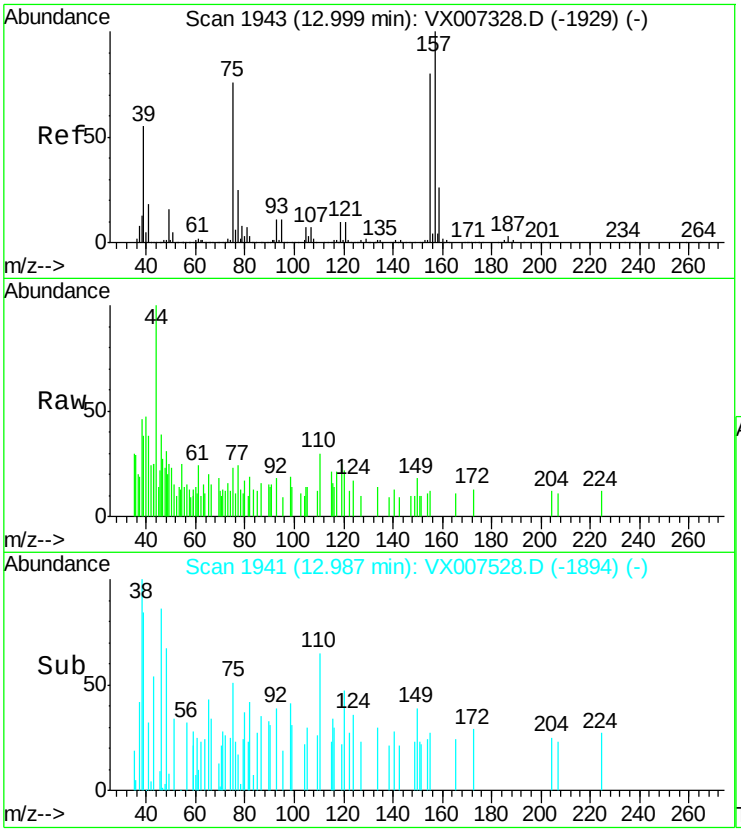


#81
trans-1,4-Dichloro-2-butene
Concen: 69.827 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Tgt Ion: 75 Resp: 167417

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.0	121.6#
89	0.1	41.4	62.0#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.216 ug/l
RT: 12.99 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VX007528.D
Acq: 13 Feb 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
M2-T0-02-INF(PRE-GAC)

Tgt Ion: 75 Resp: 345

Ion	Ratio	Lower	Upper
75	100		
155	25.5	49.6	149.0#
157	0.0	65.1	195.3#