Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070518\
Data File : VX003186.D
Acq On : 05 Jul 2018 21:27
Operator : JC/MD
Sample : J3852-30
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HC-CON

Quant Time: Jul 06 01:06:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	280618	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	389019	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	359598	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207125	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	178424	46.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.00%				
35) Dibromofluoromethane	5.51	113	149173	48.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.84%				
50) Toluene-d8	8.72	98	541501	48.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.26%				
62) 4-Bromofluorobenzene	11.14	95	190922	44.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.02%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.36	85	21	Below Cal		#	43
3) Chloromethane	1.32	50	723	Below Cal			95
5) Bromomethane	1.65	94	1172	Below Cal			87
6) Chloroethane	1.70	64	428	Below Cal		#	58
10) Methyl Iodide	2.52	142	1452	6.63	ug/l	#	83
11) Tert butyl alcohol	3.07	59	253	0.33	ug/l	#	73
13) Acrolein	2.31	56	194	4.67	ug/l		91
16) Acetone	2.45	43	11901	7.41	ug/l	#	89
18) Methyl Acetate	2.78	43	22396	4.99	ug/l		100
20) Methylene Chloride	2.86	84	33833	10.82	ug/l		94
25) 2-Butanone	4.71	43	3536	1.48	ug/l	#	67
29) Tetrahydrofuran	5.18	42	1729	1.13	ug/l	#	68
30) Chloroform	5.22	83	9344	1.61	ug/l		94
31) Cyclohexane	5.67	56	4815	0.99	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	17885	4.19	ug/l	#	51
37) Ethyl Acetate	4.71	43	3536	0.77	ug/l	#	71
38) Carbon Tetrachloride	5.67	117	24817	5.30	ug/l	#	15
44) Trichloroethene	7.22	130	844	0.23	ug/l		95
47) Bromodichloromethane	7.90	83	2618	0.62	ug/l		97
51) 4-Methyl-2-Pentanone	8.66	43	1140	0.24	ug/l		91
60) Dibromochloromethane	9.59	129	738	0.21	ug/l		93
68) m/p-Xylenes	10.36	106	3628	0.62	ug/l		88
76) 1,2,3-Trichloropropane	11.14	75	96444	25.71	ug/l	#	33
78) n-propylbenzene	11.36	91	4857	0.31	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.14	75	96444	72.93	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	2442	0.20	ug/l		88
85) sec-Butylbenzene	11.95	105	3343	0.24	ug/l		99
90) Hexachloroethane	12.67	117	1682	0.90	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	312	0.32	ug/l	#	1
95) Naphthalene	13.83	128	44168	3.12	ug/l	#	95

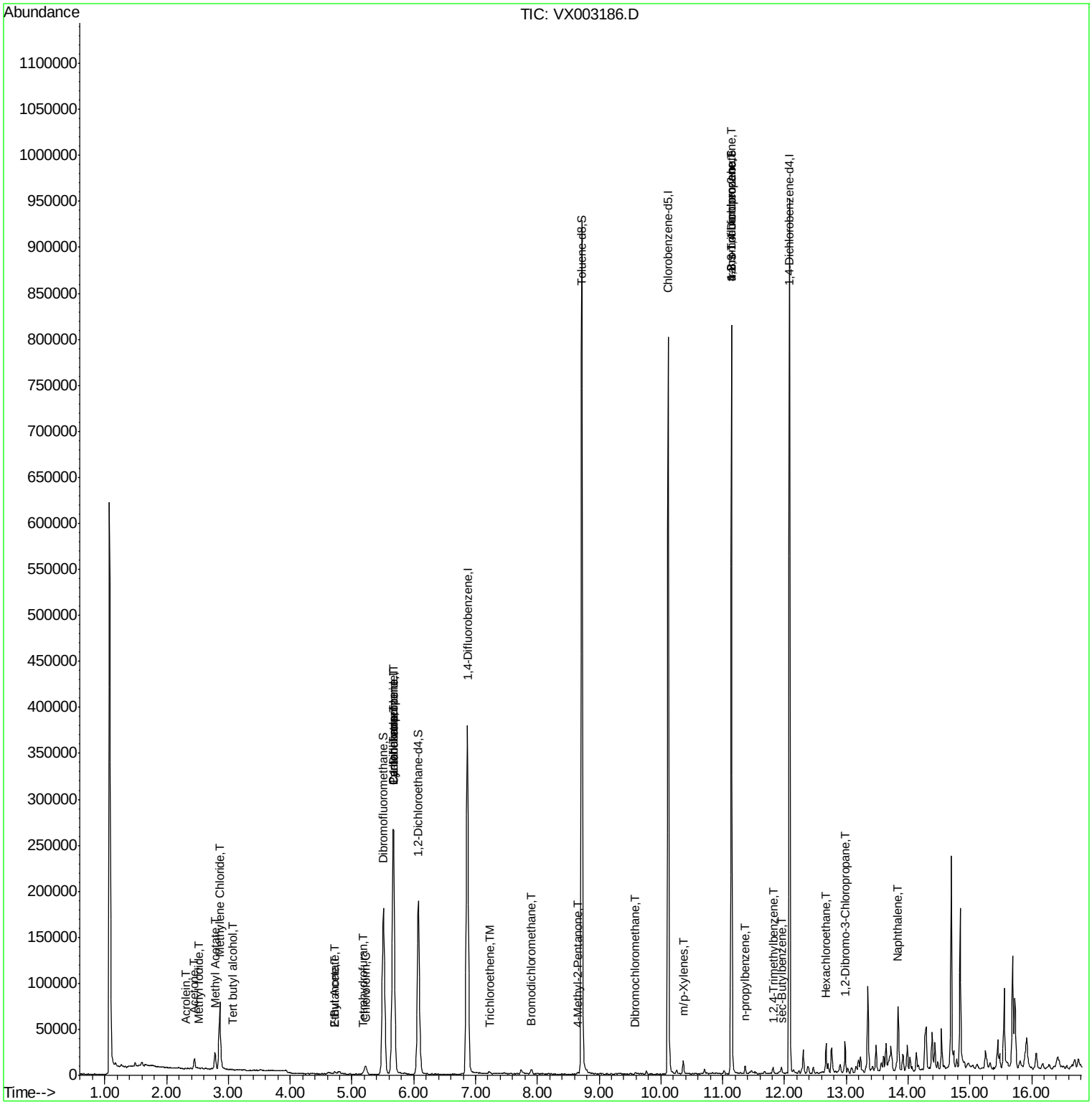
(#) = qualifier out of range (m) = manual integration (+) = signals summed

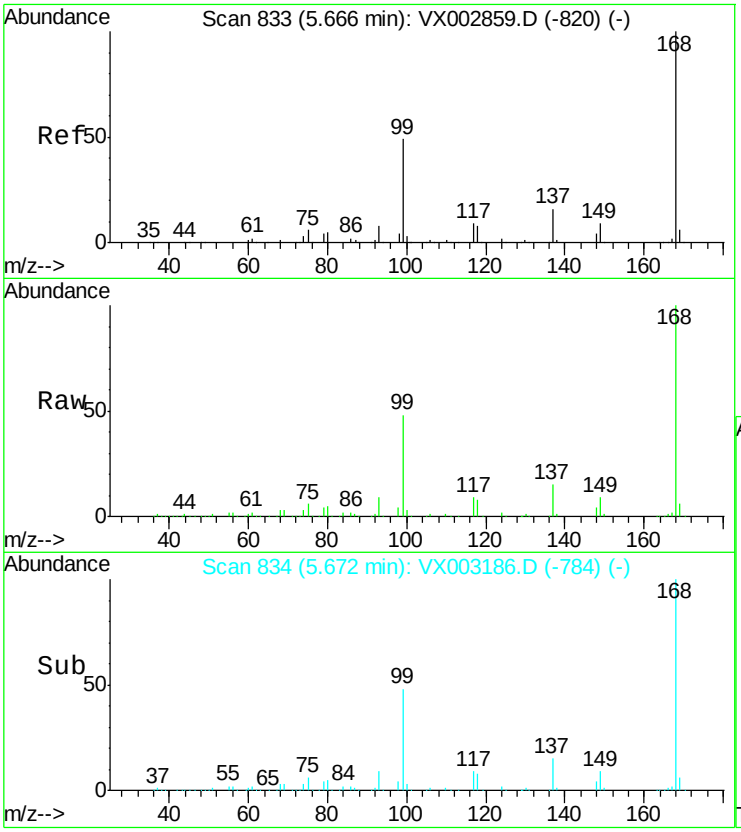
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003186.D
Acq On : 05 Jul 2018 21:27
Operator : JC/MD
Sample : J3852-30
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Quant Time: Jul 06 01:06:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



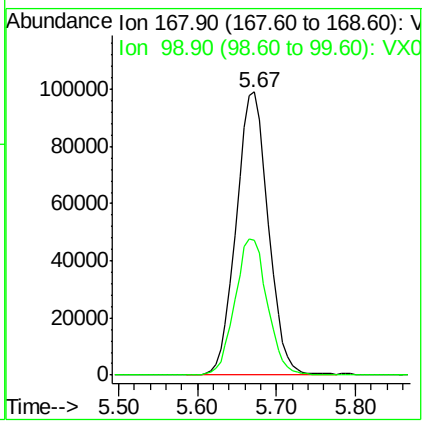


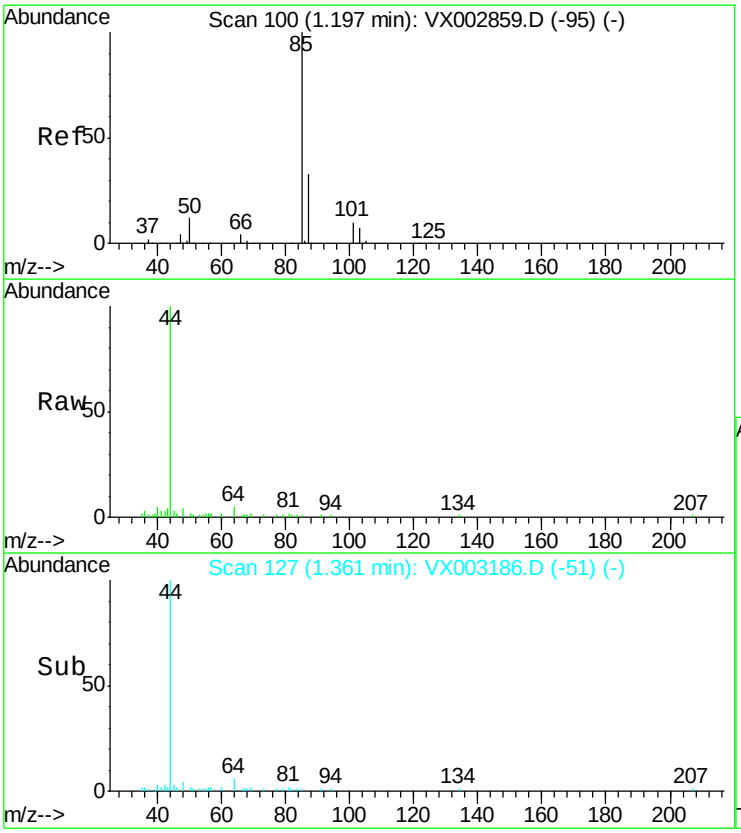
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion:168 Resp: 280618

Ion	Ratio	Lower	Upper
168	100		
99	47.6	39.3	58.9

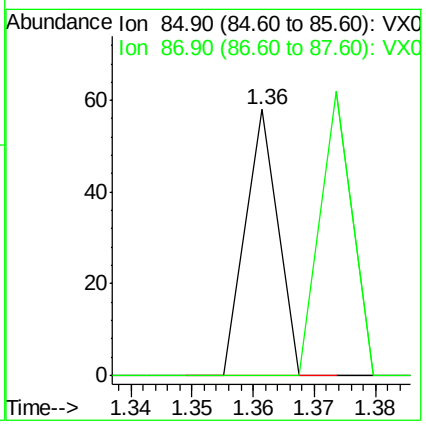


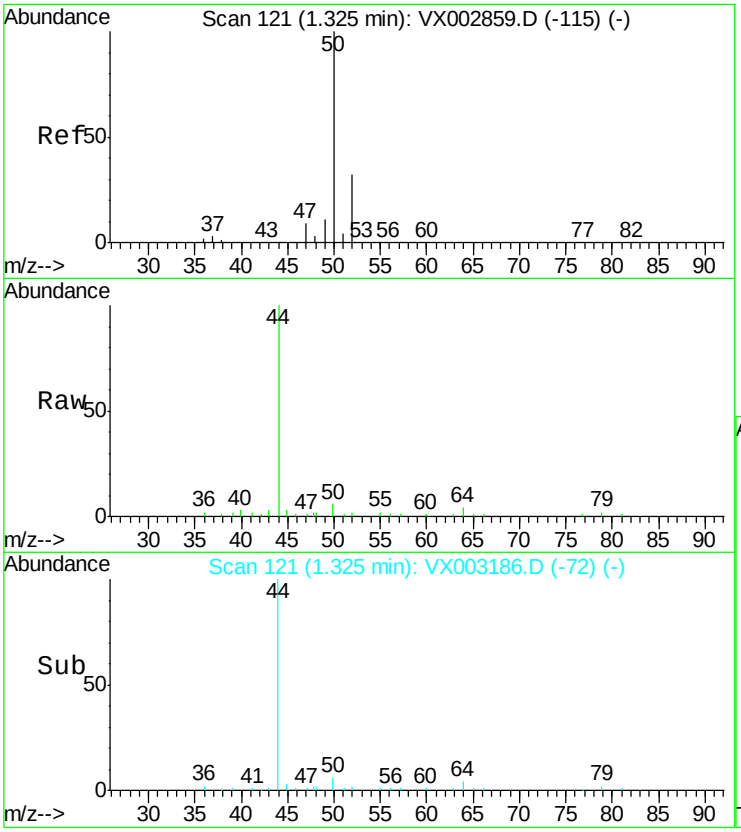


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.36 min Scan# 127
Delta R.T. 0.17 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 85 Resp: 21

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



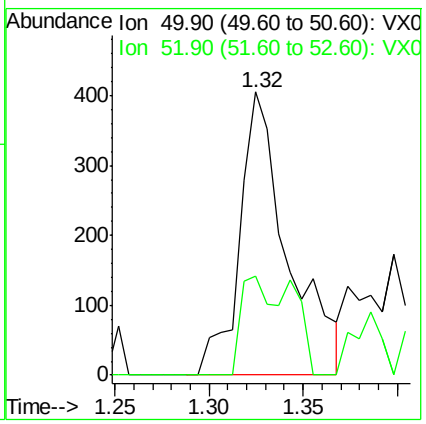


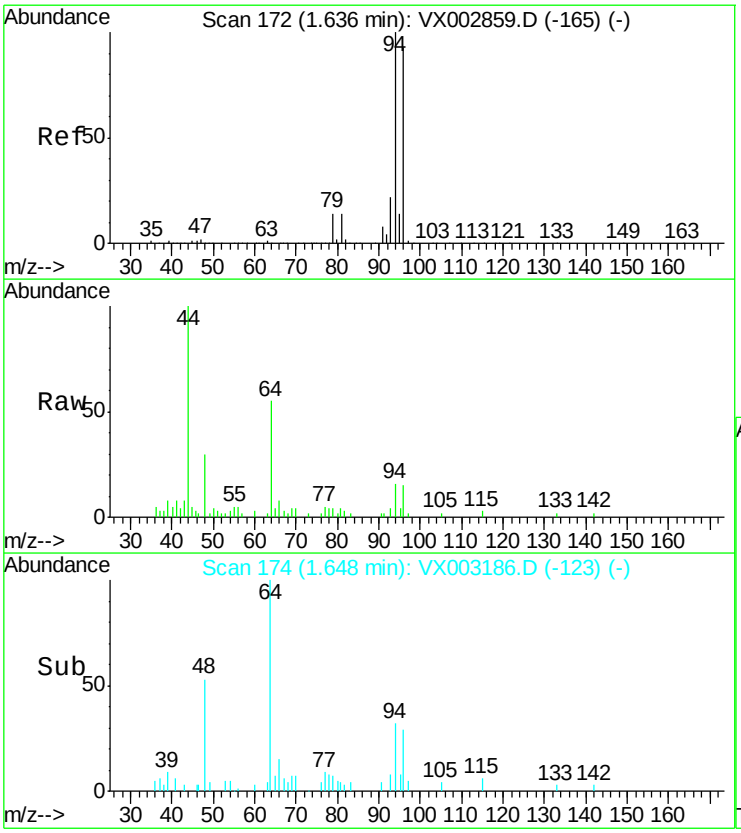
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion: 50 Resp: 723

Ion	Ratio	Lower	Upper
50	100		
52	35.1	25.7	38.5

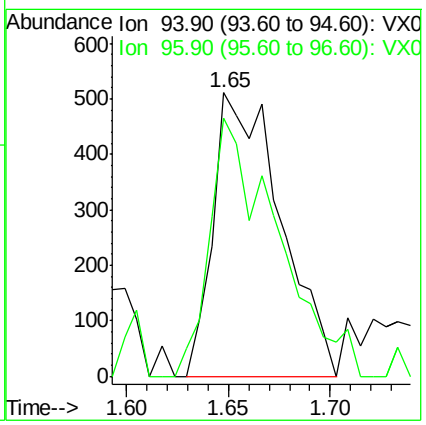


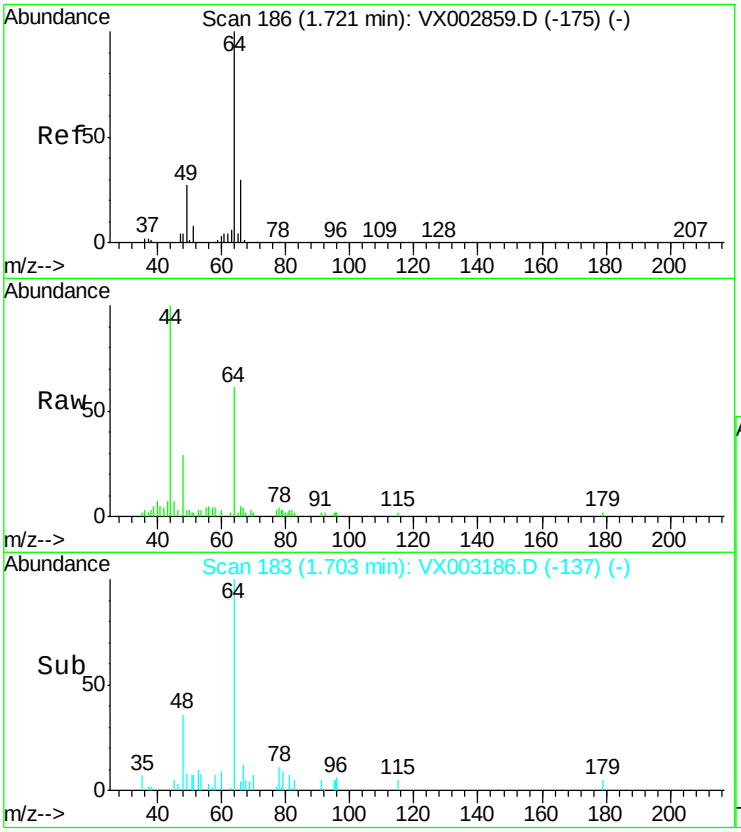


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 94 Resp: 1172

Ion	Ratio	Lower	Upper
94	100		
96	81.2	74.9	112.3



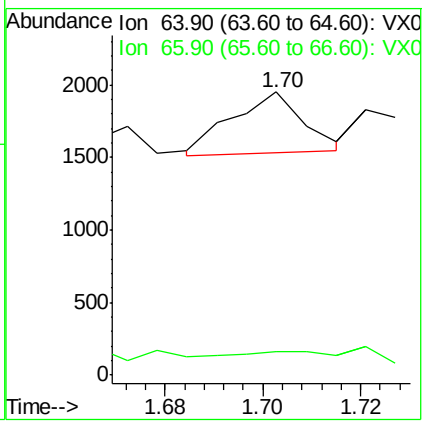


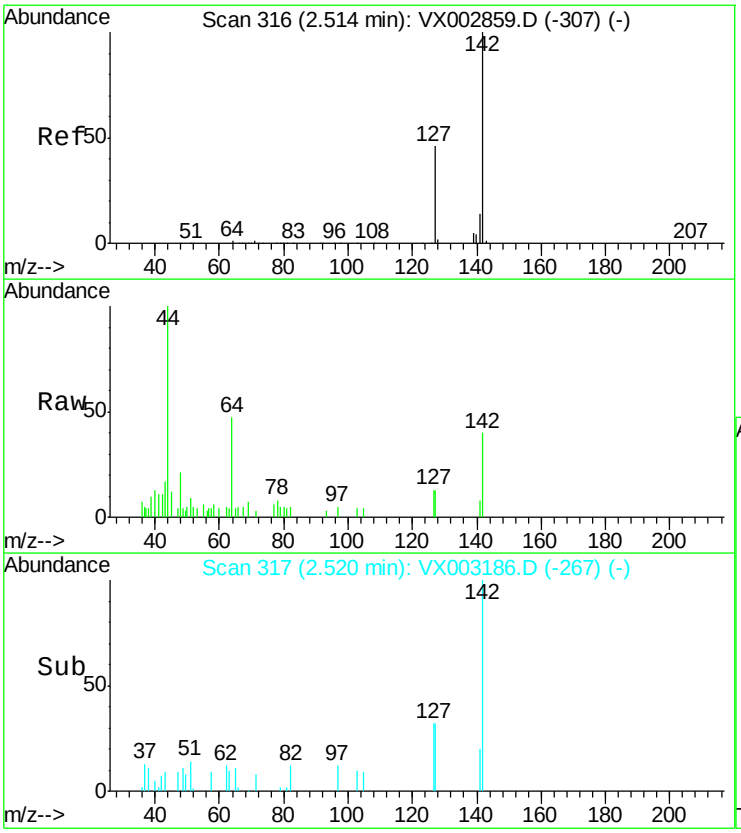
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 183
Delta R.T. -0.02 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion: 64 Resp: 428

Ion	Ratio	Lower	Upper
64	100		
66	8.3	25.5	38.3#

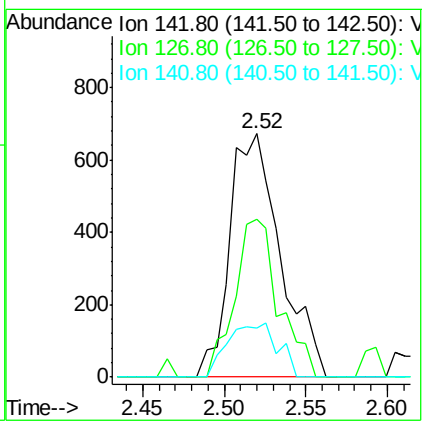


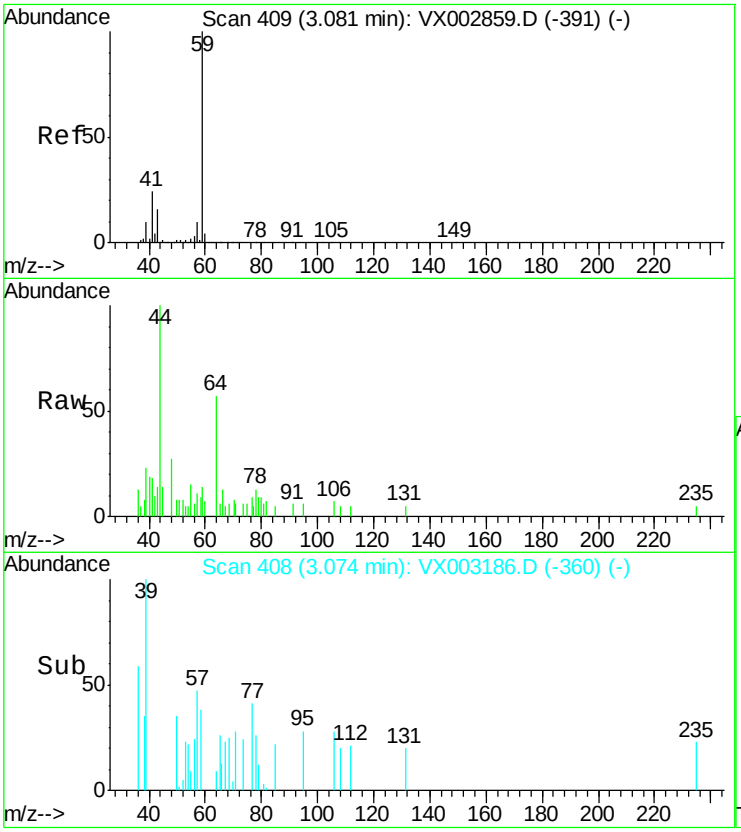


#10
Methyl Iodide
Concen: 6.63 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:142 Resp: 1452

Ion	Ratio	Lower	Upper
142	100		
127	56.7	36.6	55.0#
141	21.8	11.3	16.9#



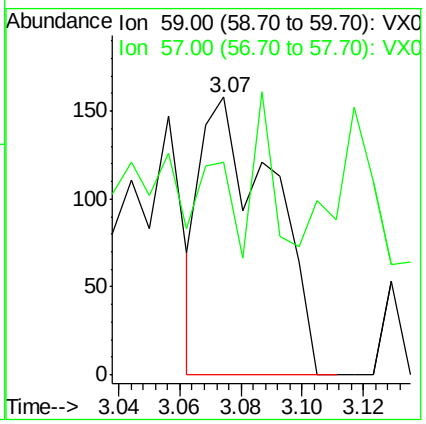


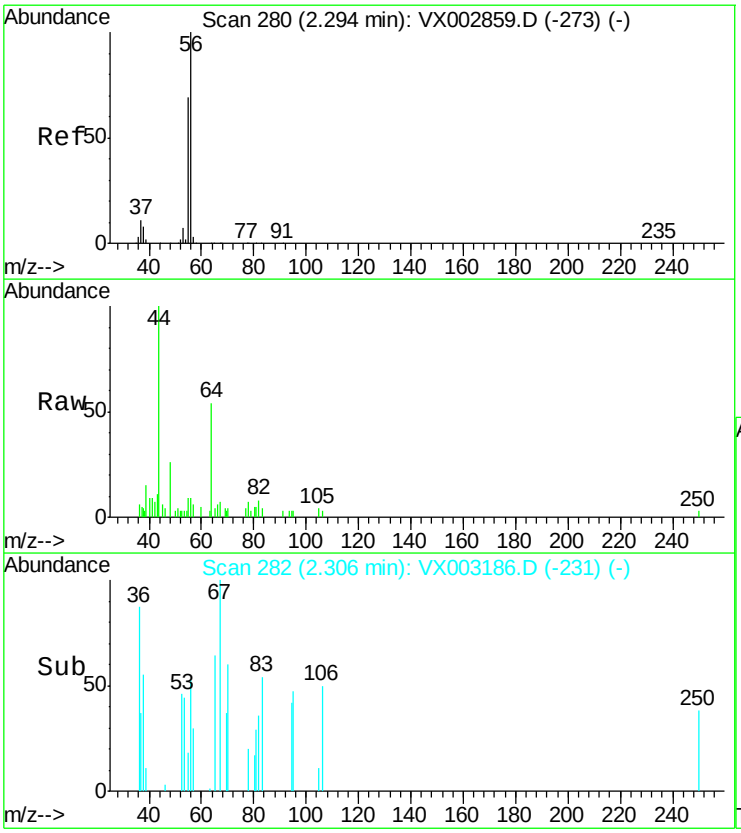
#11
Tert butyl alcohol
Concen: 0.33 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument : MSVOA_X
ClientSampleId : HC-CON

Tgt Ion: 59 Resp: 253

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

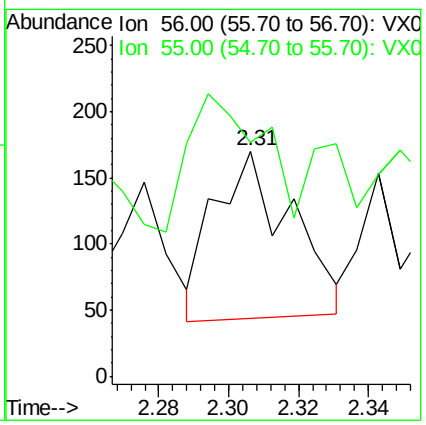


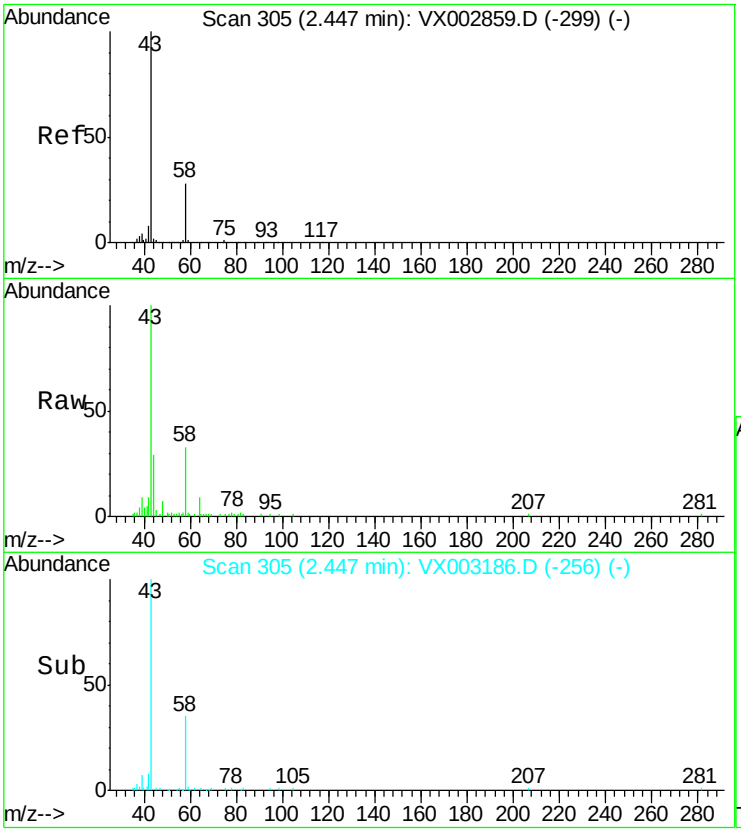


#13
Acrolein
Concen: 4.67 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 56 Resp: 194

Ion	Ratio	Lower	Upper
56	100		
55	78.9	57.0	85.4



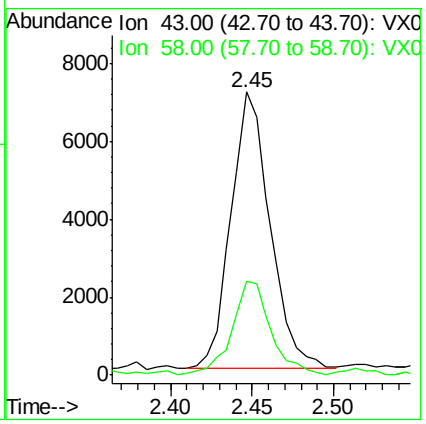


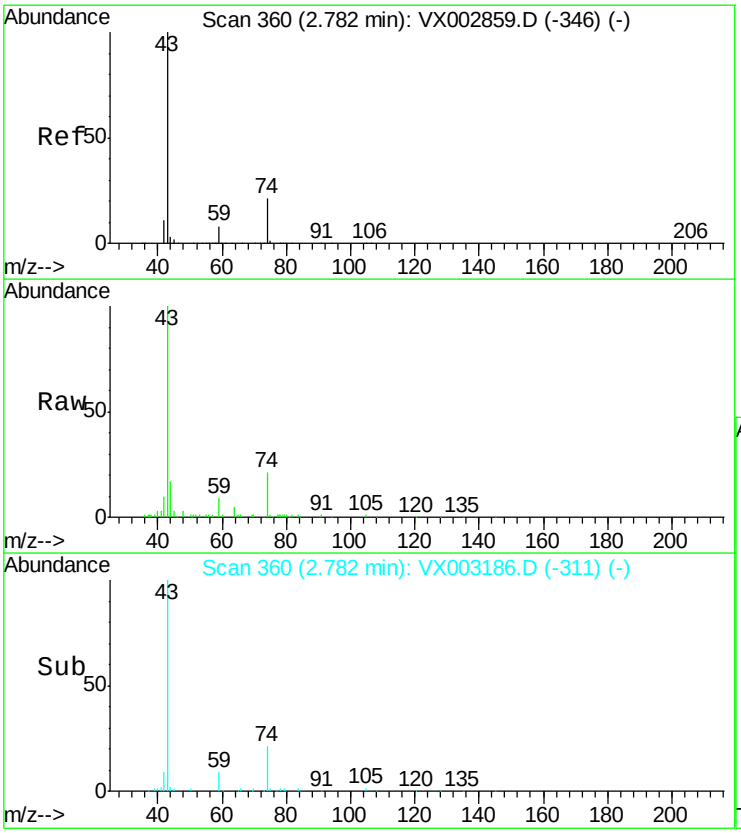
#16
Acetone
Concen: 7.41 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion: 43 Resp: 11901

Ion	Ratio	Lower	Upper
43	100		
58	33.4	22.1	33.1#

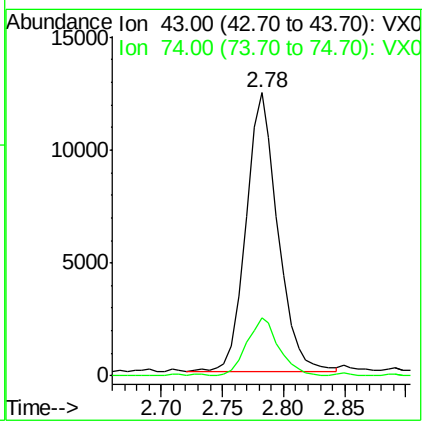


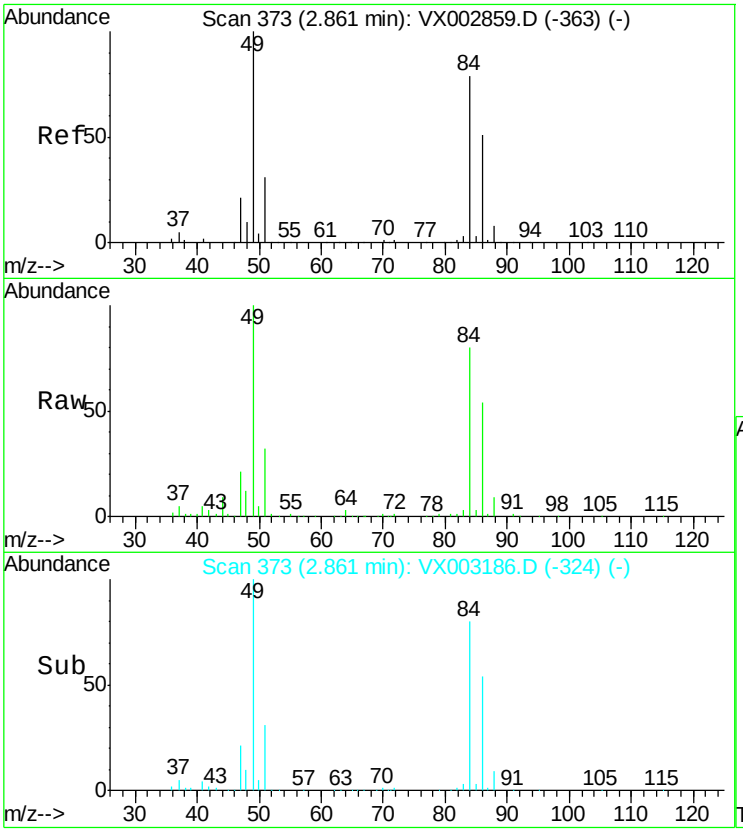


#18
Methyl Acetate
Concen: 4.99 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 43 Resp: 22396

Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.7	25.1



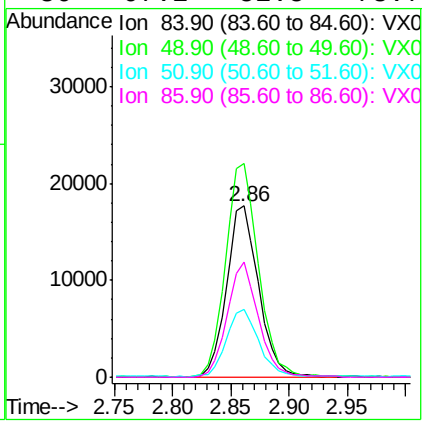


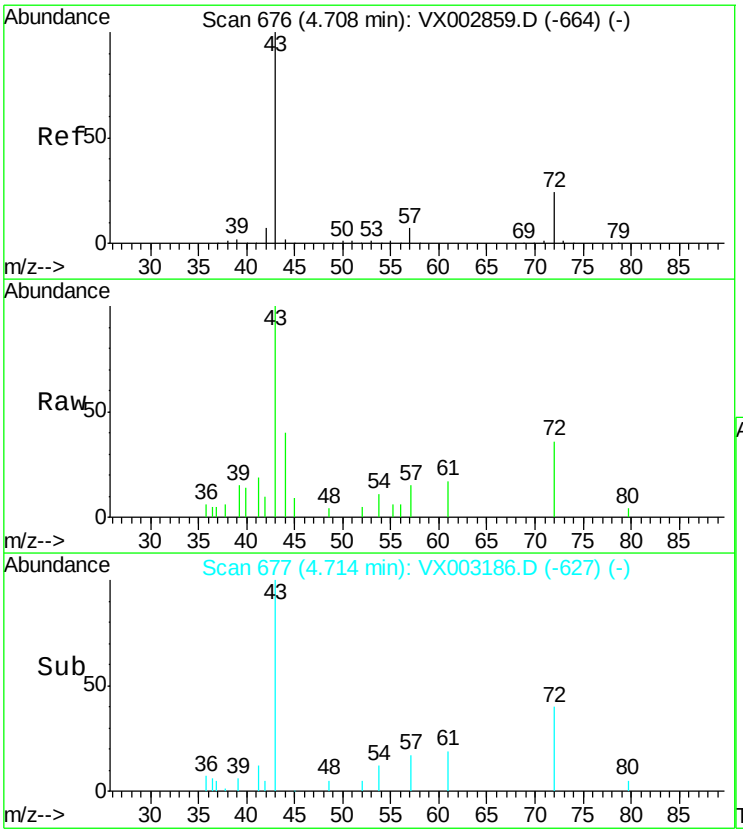
#20
Methylene Chloride
Concen: 10.82 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument : MSVOA_X
ClientSampleId : HC-CON

Tgt Ion: 84 Resp: 33833

Ion	Ratio	Lower	Upper
84	100		
49	124.4	107.8	161.6
51	39.6	32.8	49.2
86	67.2	52.5	78.7

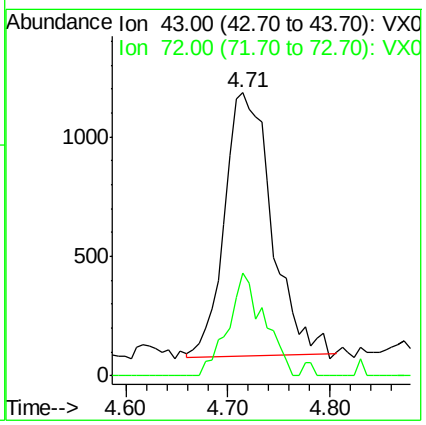


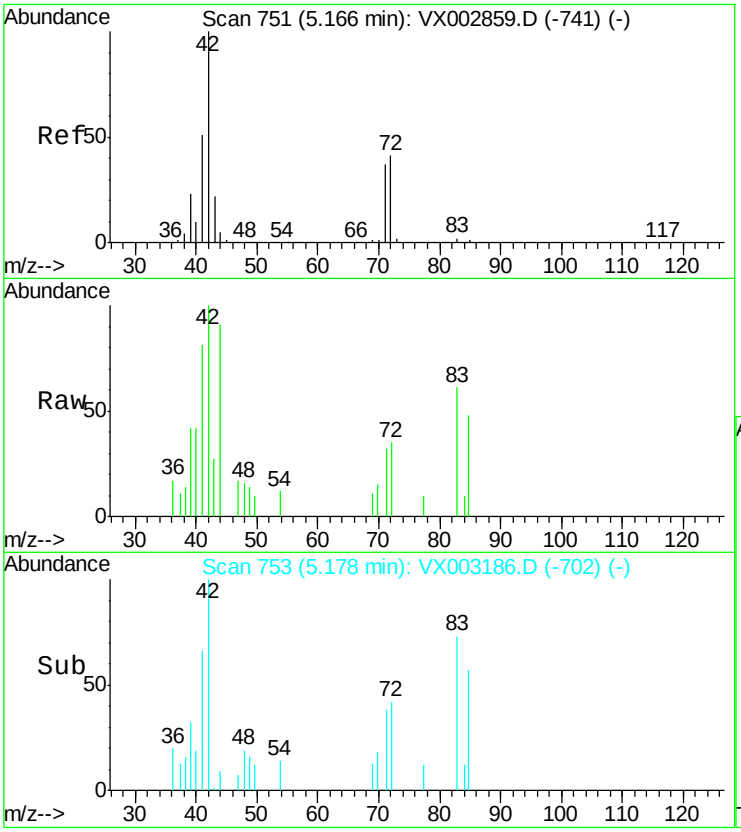


#25
2-Butanone
Concen: 1.48 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 43 Resp: 3536

Ion	Ratio	Lower	Upper
43	100		
72	39.2	18.5	27.7#



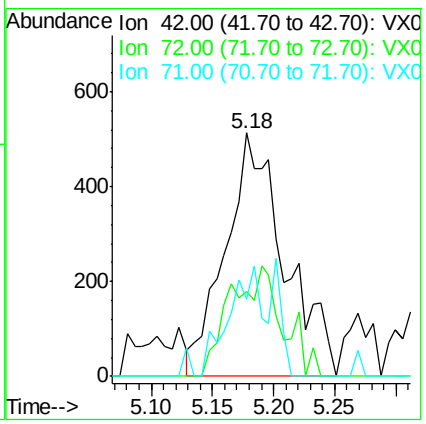


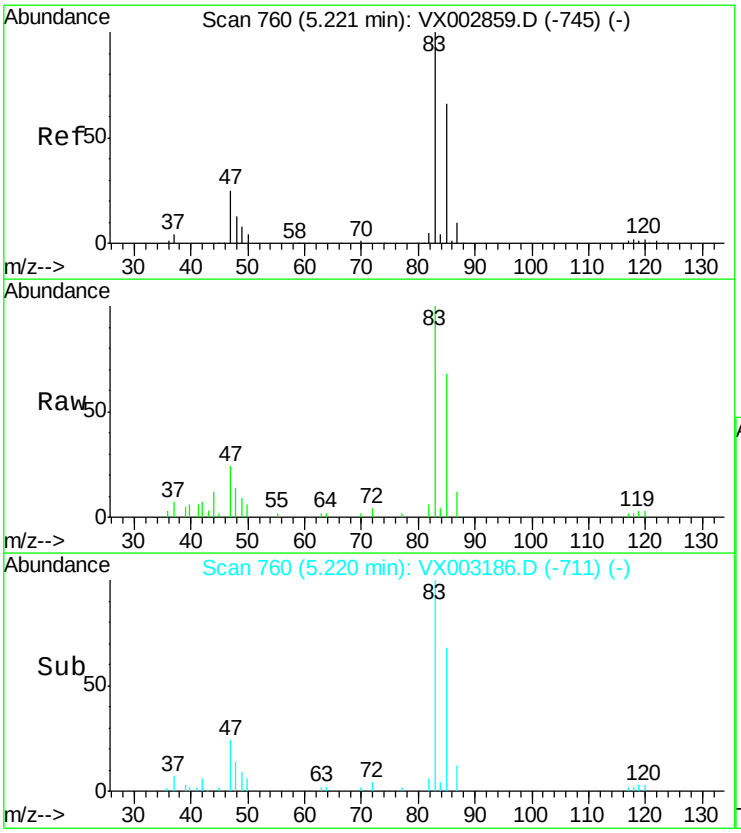
#29
Tetrahydrofuran
Concen: 1.13 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion: 42 Resp: 1729

Ion	Ratio	Lower	Upper
42	100		
72	13.5	32.0	48.0#
71	25.9	30.1	45.1#

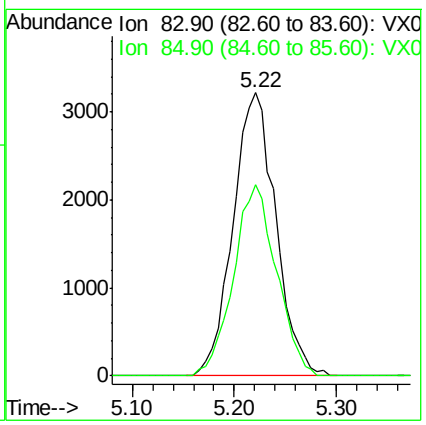


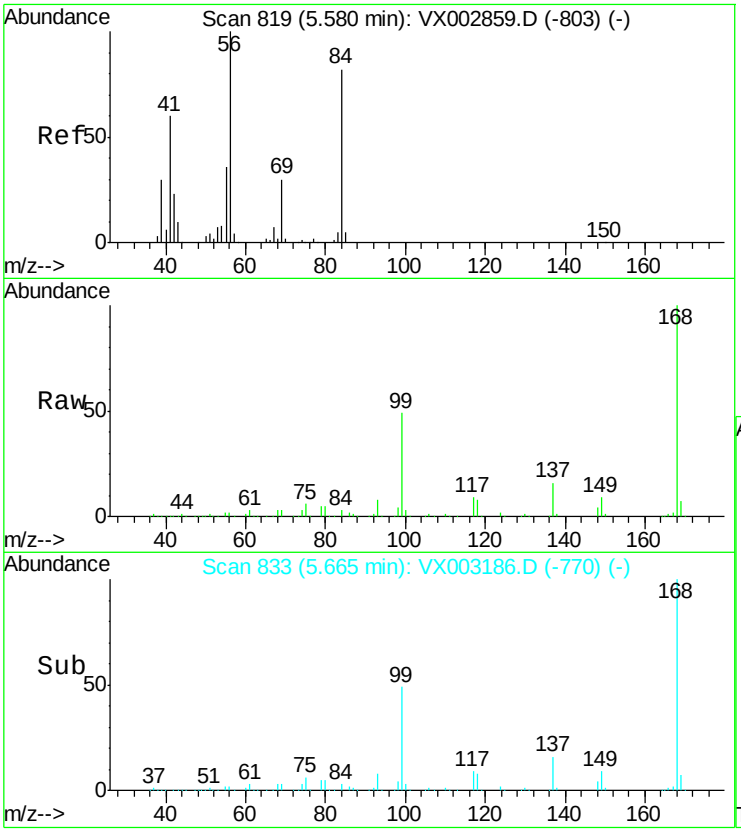


#30
Chloroform
Concen: 1.61 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 83 Resp: 9344

Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.4	75.6



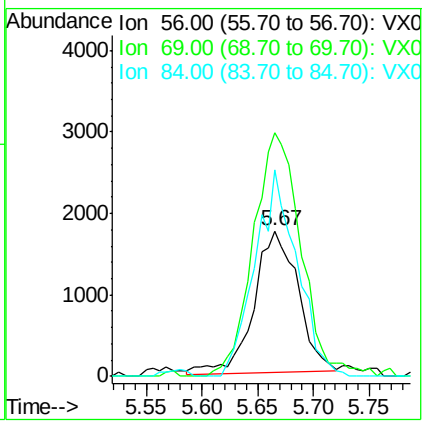


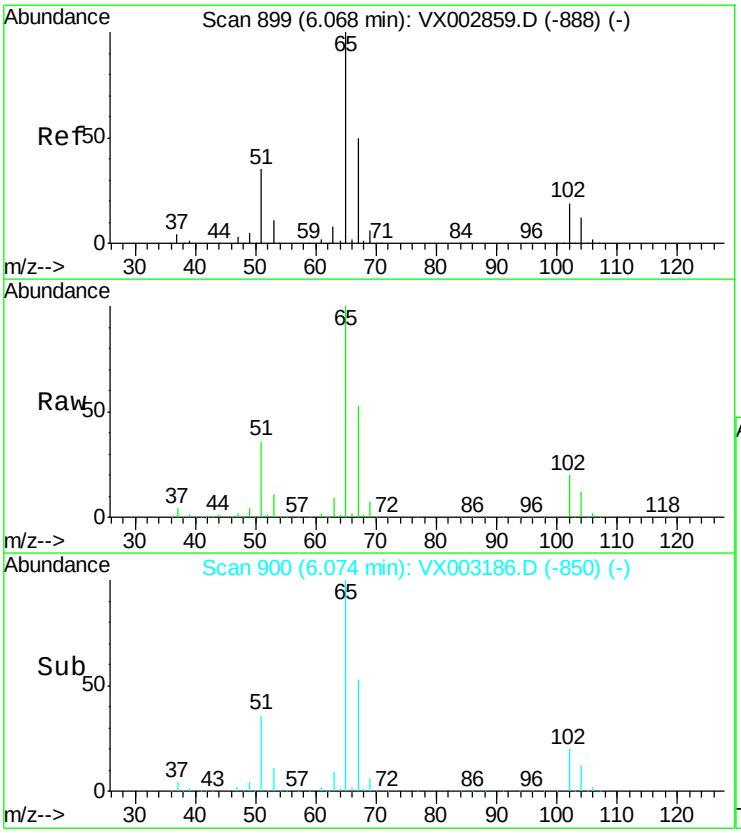
#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument : MSVOA_X
ClientSampleId : HC-CON

Tgt Ion: 56 Resp: 4815

Ion	Ratio	Lower	Upper
56	100		
69	173.3	23.7	35.5#
84	142.8	64.1	96.1#

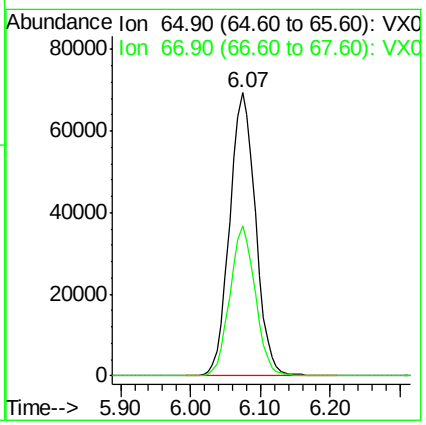


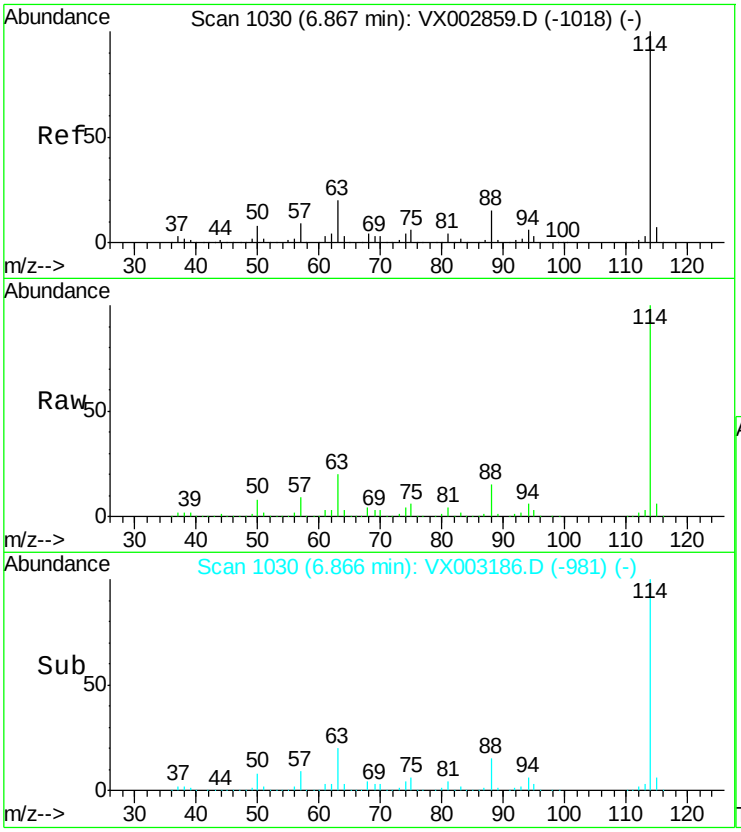


#33
1,2-Dichloroethane-d4
Concen: 46.00 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 65 Resp: 178424

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.6



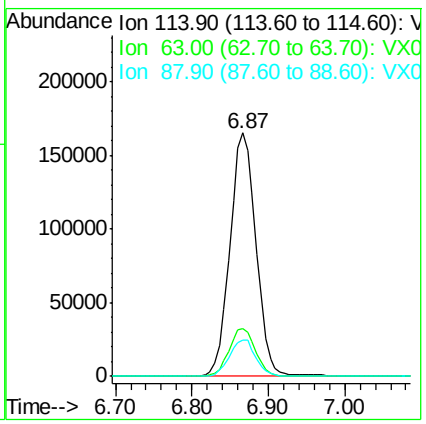


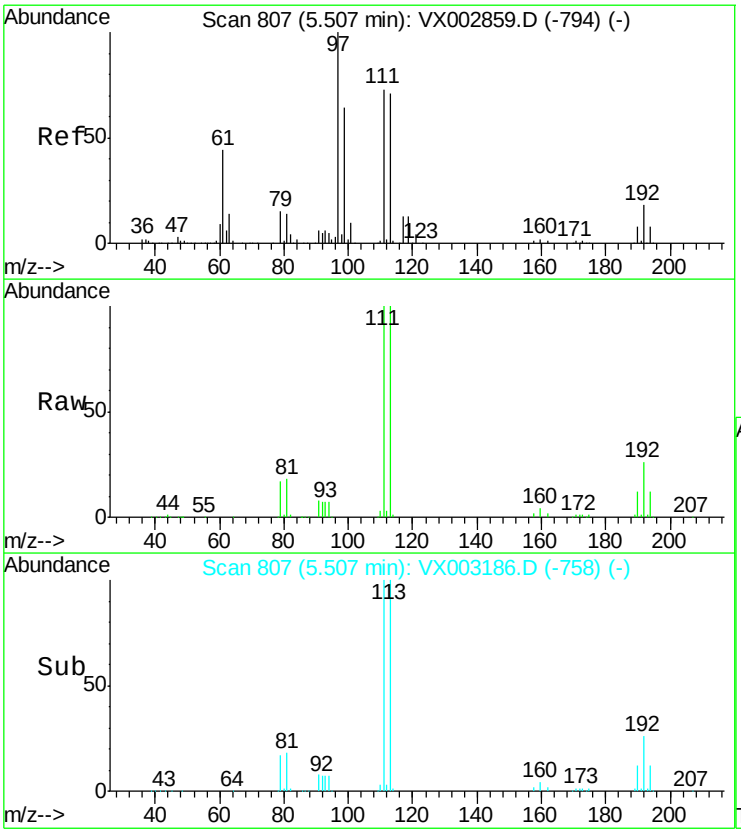
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument : MSVOA_X
ClientSampleId : HC-CON

Tgt Ion:114 Resp: 389019

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.4
88	14.9	0.0	30.0

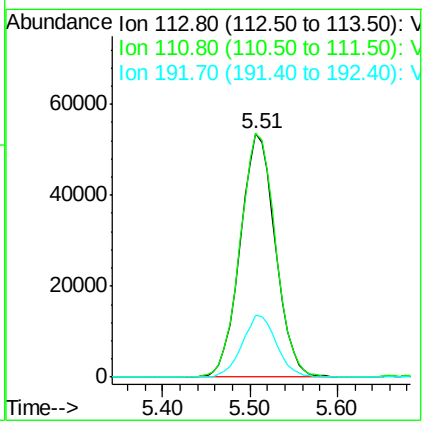


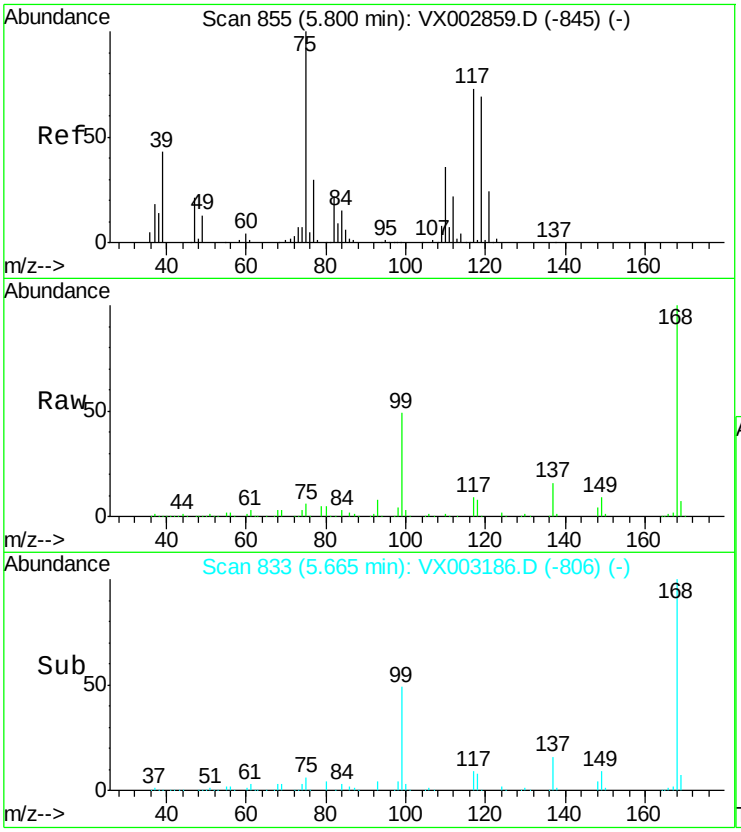


#35
Dibromofluoromethane
Concen: 48.42 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:113 Resp: 149173

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.4	122.0
192	24.8	19.1	28.7



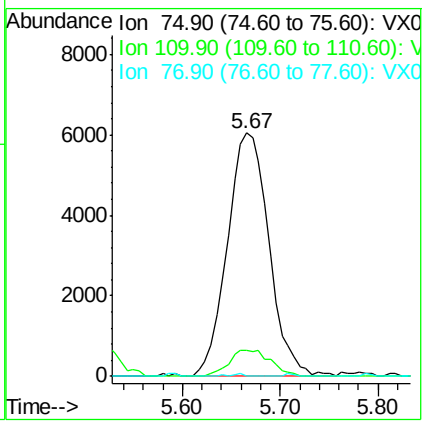


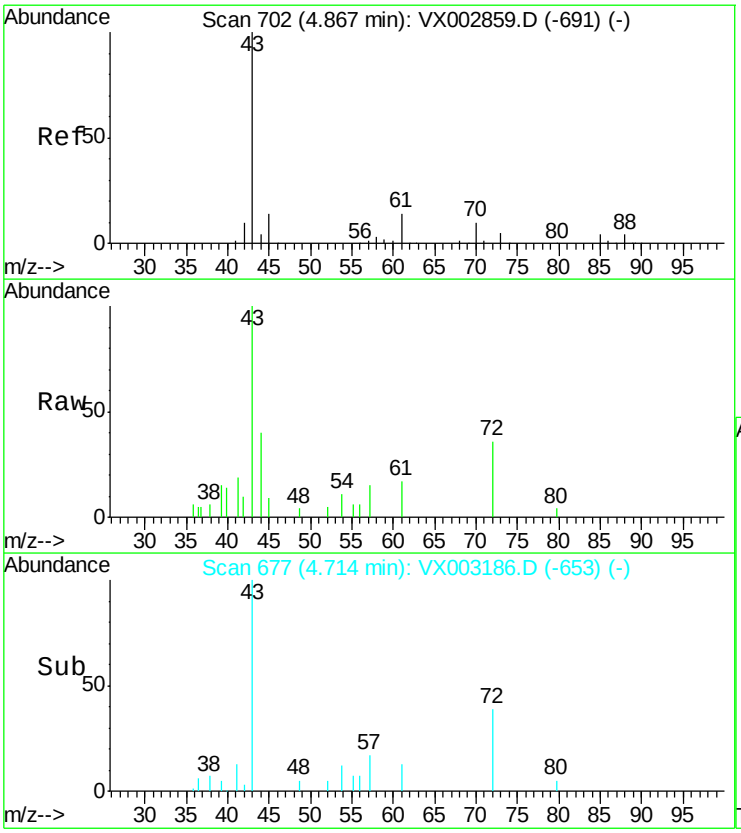
#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion: 75 Resp: 17885

Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.1	54.4#
77	0.4	24.3	36.5#

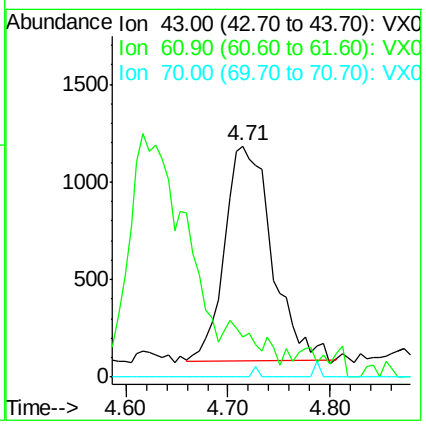


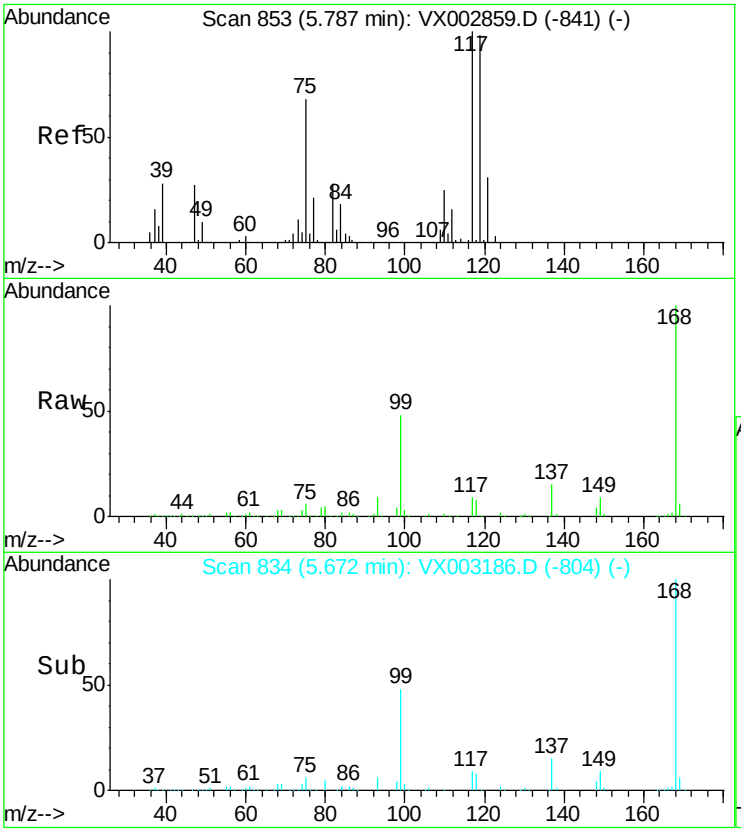


#37
Ethyl Acetate
Concen: 0.77 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 43 Resp: 3536

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.6	7.6	11.4#



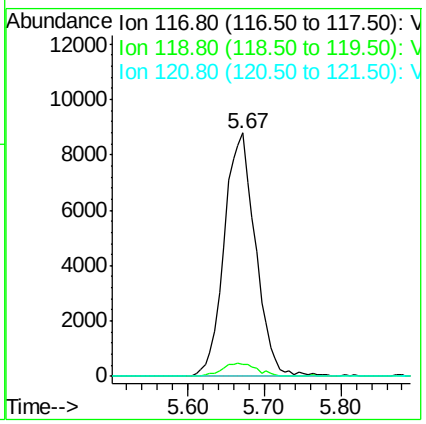


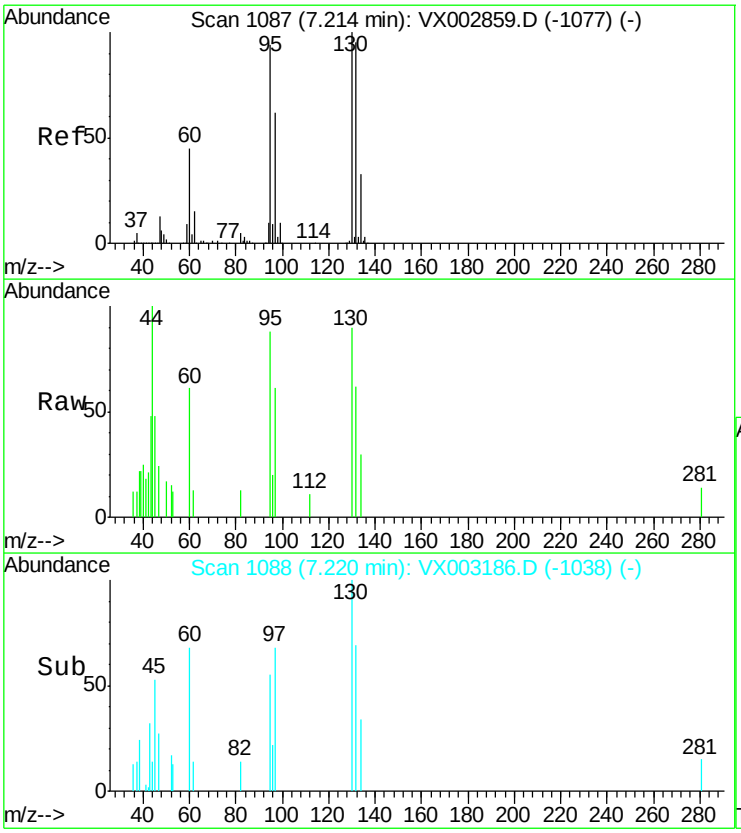
#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion:117 Resp: 24817

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.4	116.0#
121	0.0	24.4	36.6#

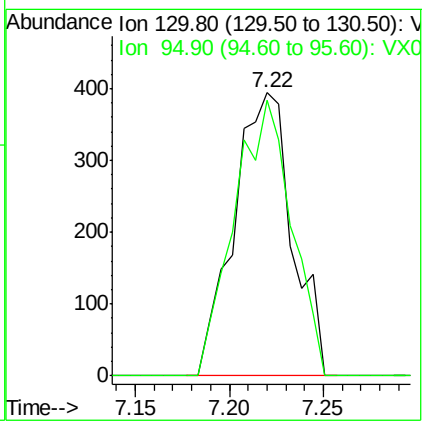


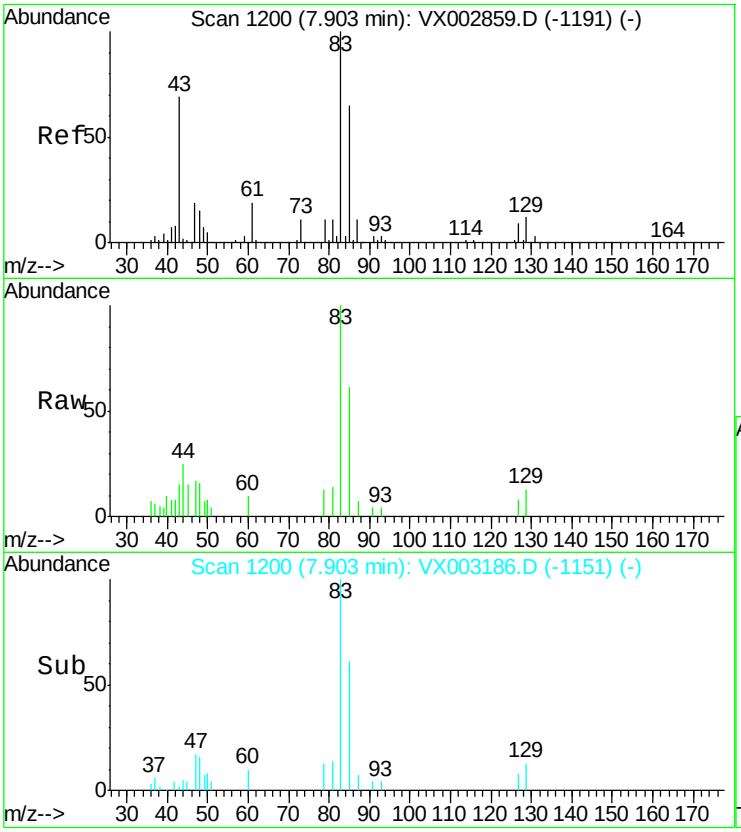


#44
Trichloroethene
Concen: 0.23 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:130 Resp: 844

Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	185.4



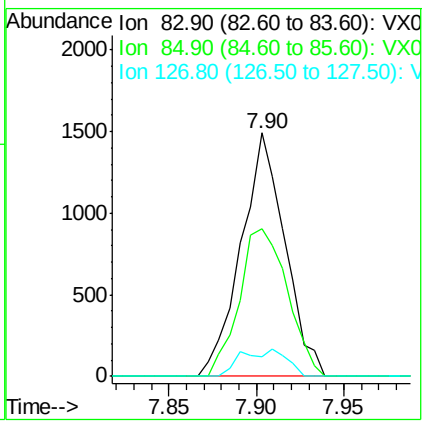


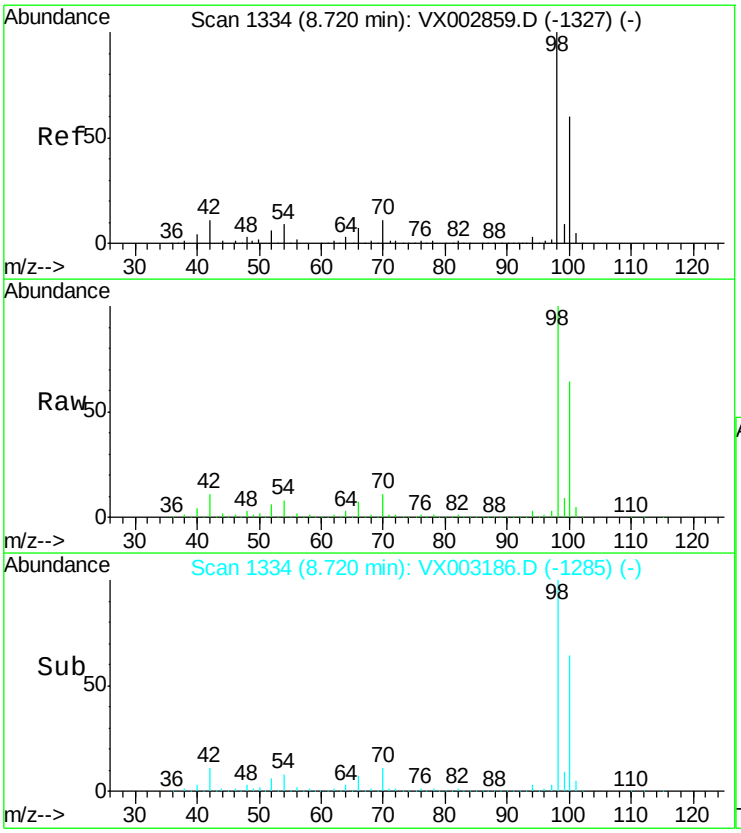
#47
Bromodichloromethane
Concen: 0.62 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion: 83 Resp: 2618

Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.3	75.5
127	8.2	7.0	10.4

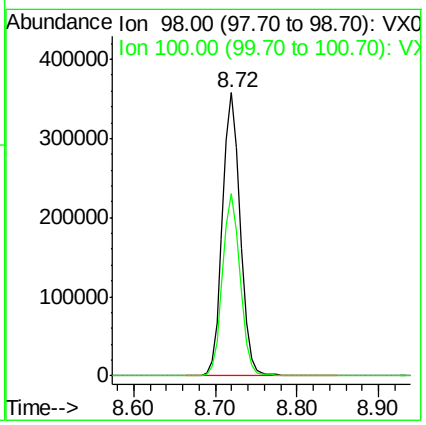


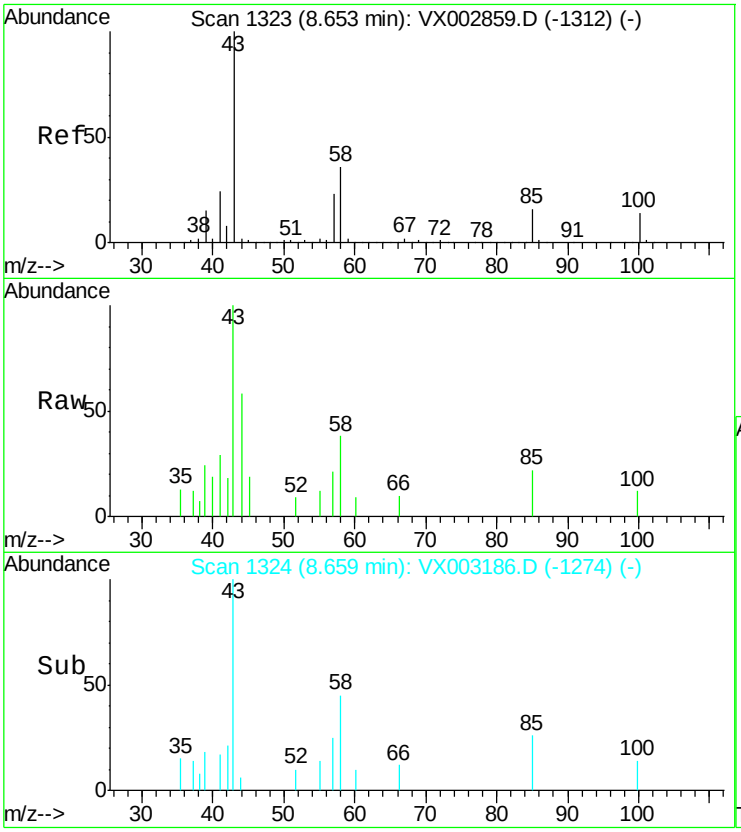


#50
Toluene-d8
Concen: 48.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 98 Resp: 541501

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3



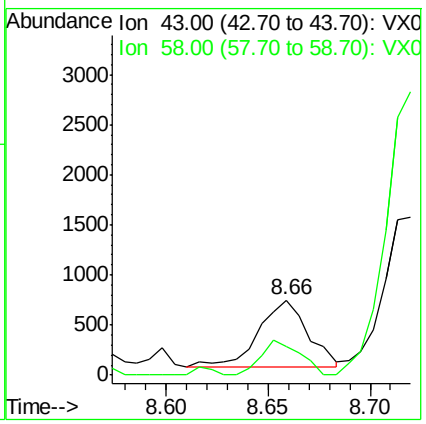


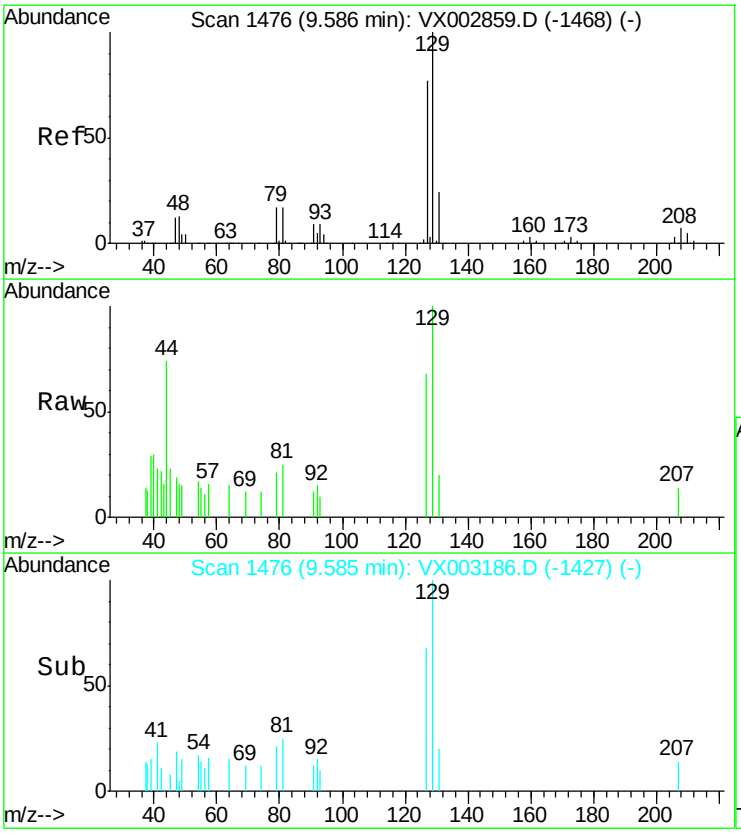
#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument : MSVOA_X
ClientSampleId : HC-CON

Tgt Ion: 43 Resp: 1140

Ion	Ratio	Lower	Upper
43	100		
58	41.1	28.6	42.8

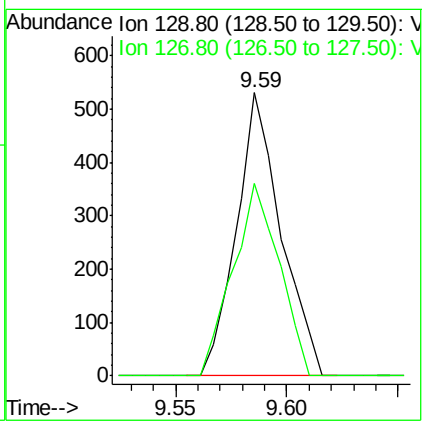


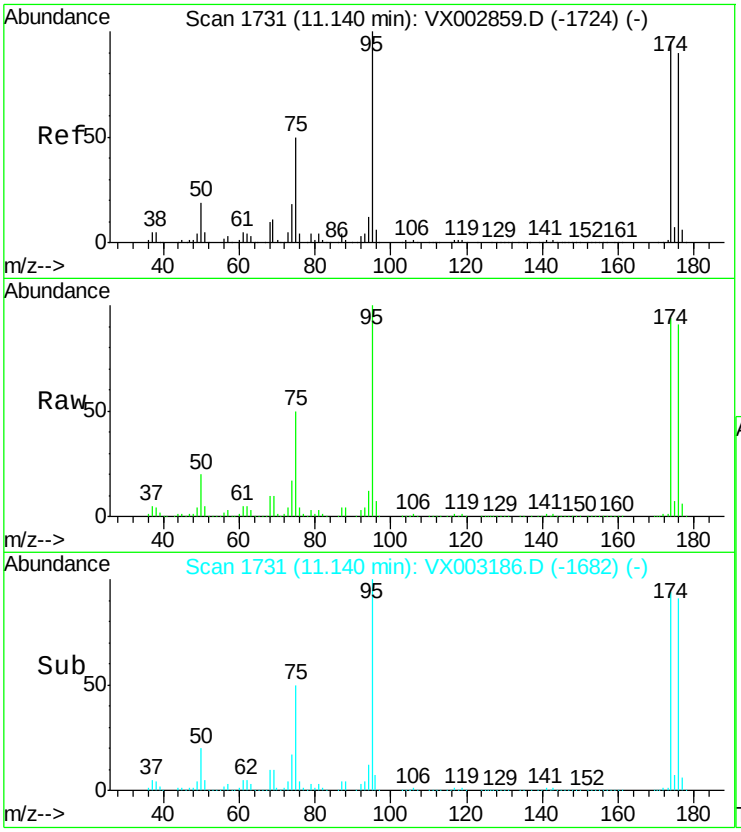


#60
Dibromochloromethane
Concen: 0.21 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:129 Resp: 738

Ion	Ratio	Lower	Upper
129	100		
127	70.6	38.5	115.3



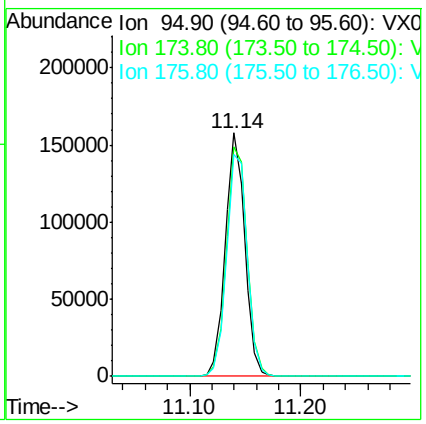


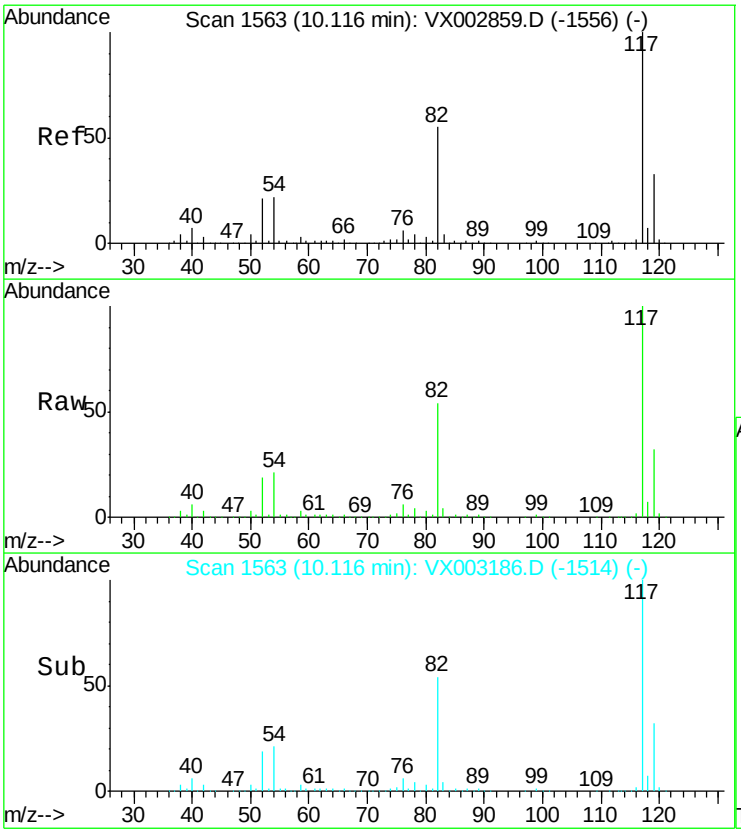
#62
4-Bromofluorobenzene
Concen: 44.01 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion: 95 Resp: 190922

Ion	Ratio	Lower	Upper
95	100		
174	99.9	0.0	187.4
176	97.0	0.0	181.0

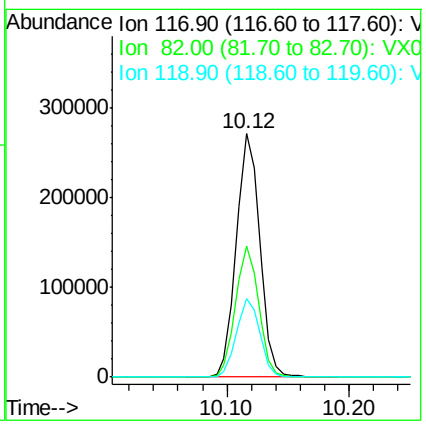


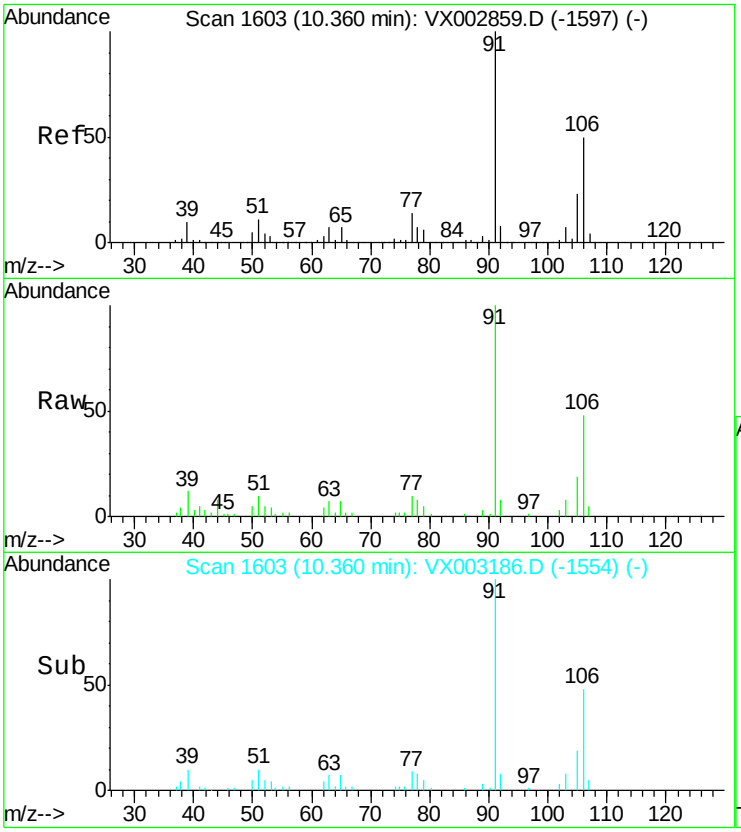


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:117 Resp: 359598

Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.0	67.4
119	32.1	25.8	38.6



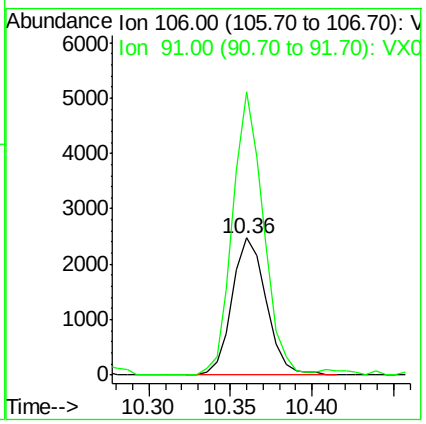


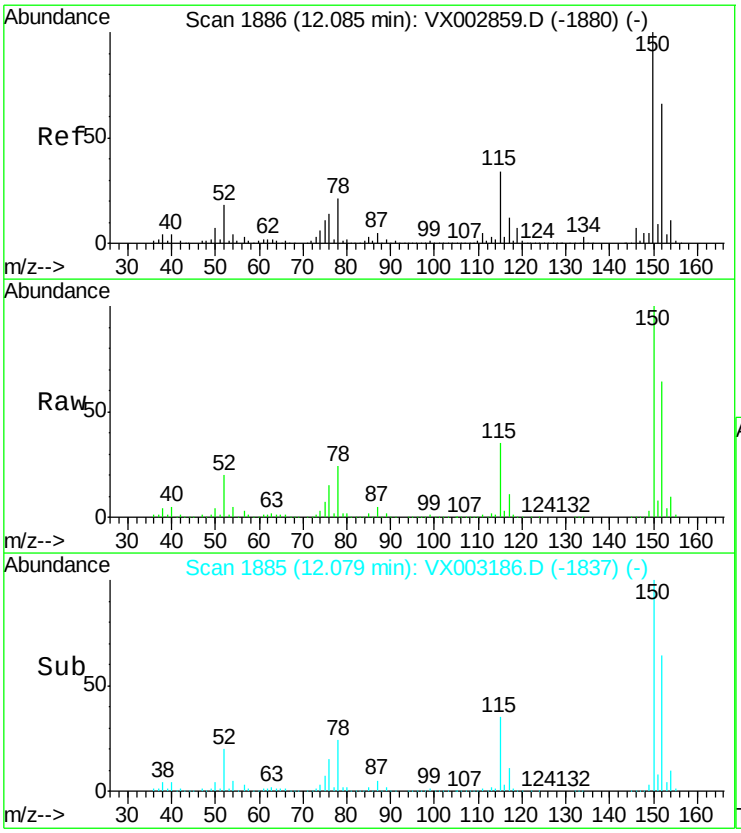
#68
m/p-Xylenes
Concen: 0.62 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion:106 Resp: 3628

Ion	Ratio	Lower	Upper
106	100		
91	185.2	163.4	245.2

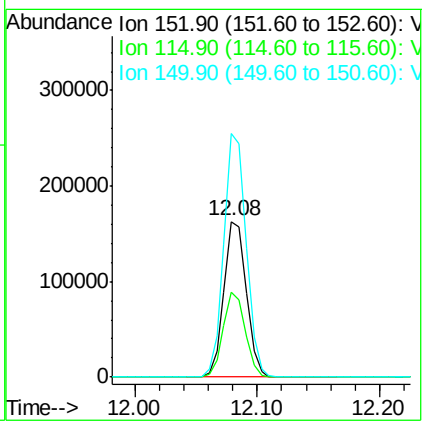


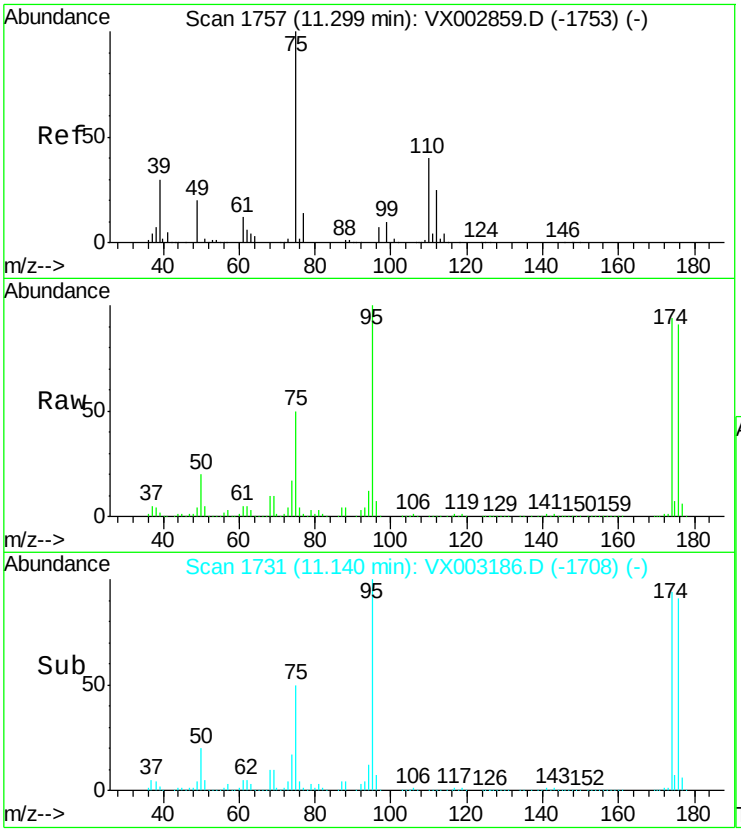


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:152 Resp: 207125

Ion	Ratio	Lower	Upper
152	100		
115	53.4	40.1	120.2
150	155.3	0.0	347.2



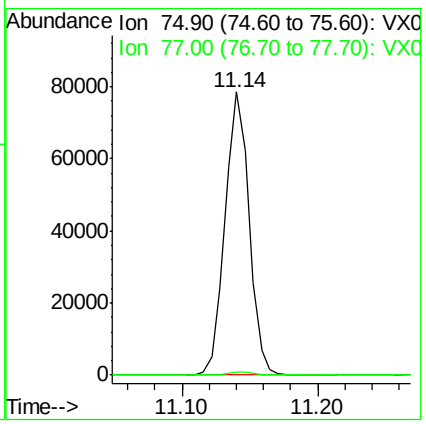


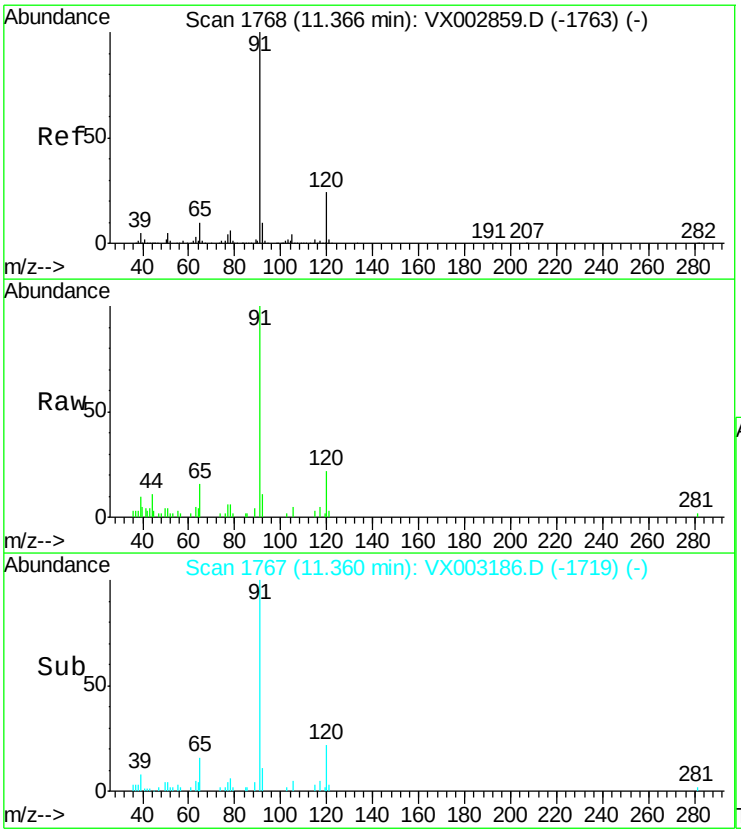
#76
1,2,3-Trichloropropane
Concen: 25.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion: 75 Resp: 96444

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

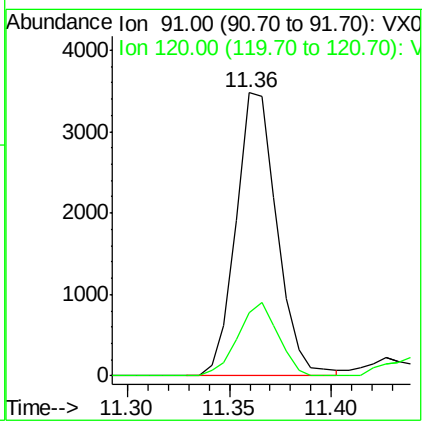


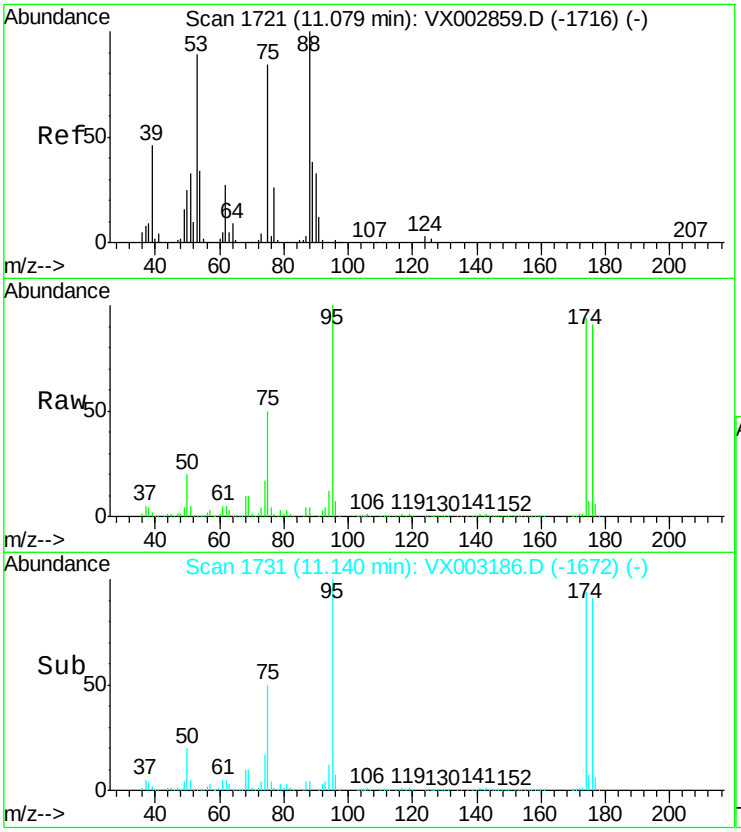


#78
n-propylbenzene
Concen: 0.31 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 91 Resp: 4857

Ion	Ratio	Lower	Upper
91	100		
120	25.2	11.8	35.4



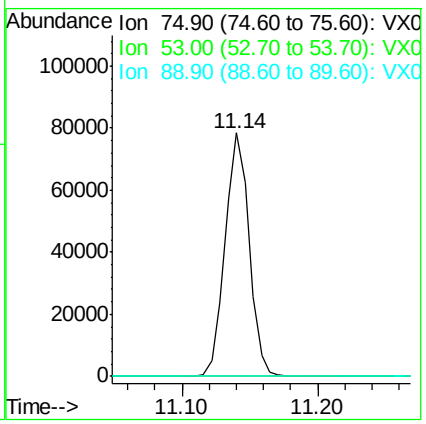


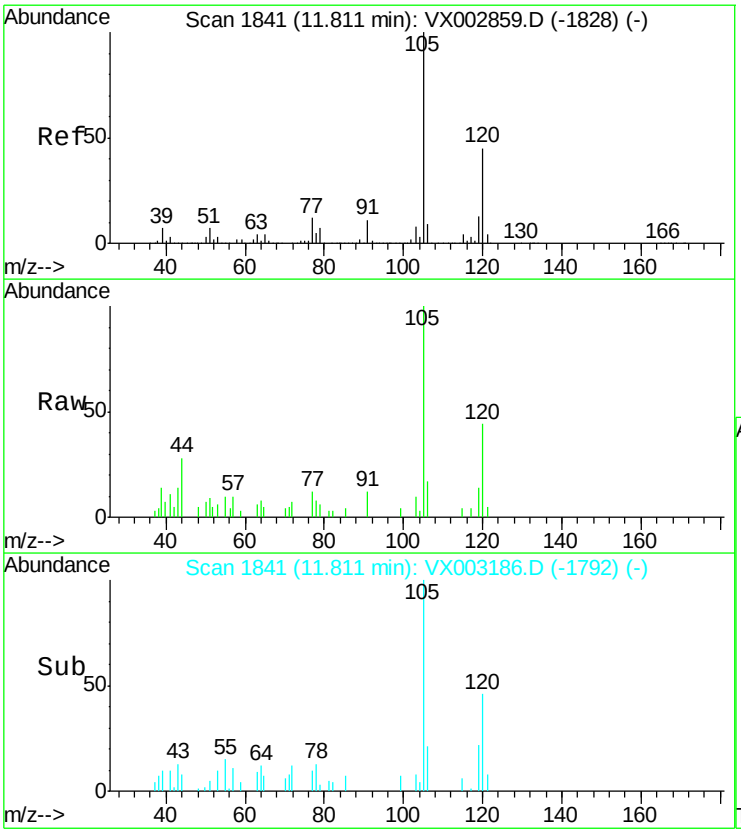
#81
trans-1,4-Dichloro-2-butene
Concen: 72.93 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion: 75 Resp: 96444

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#

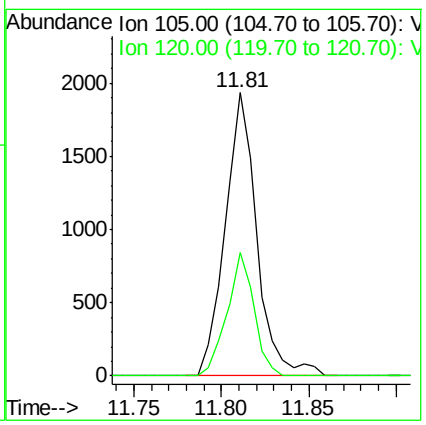


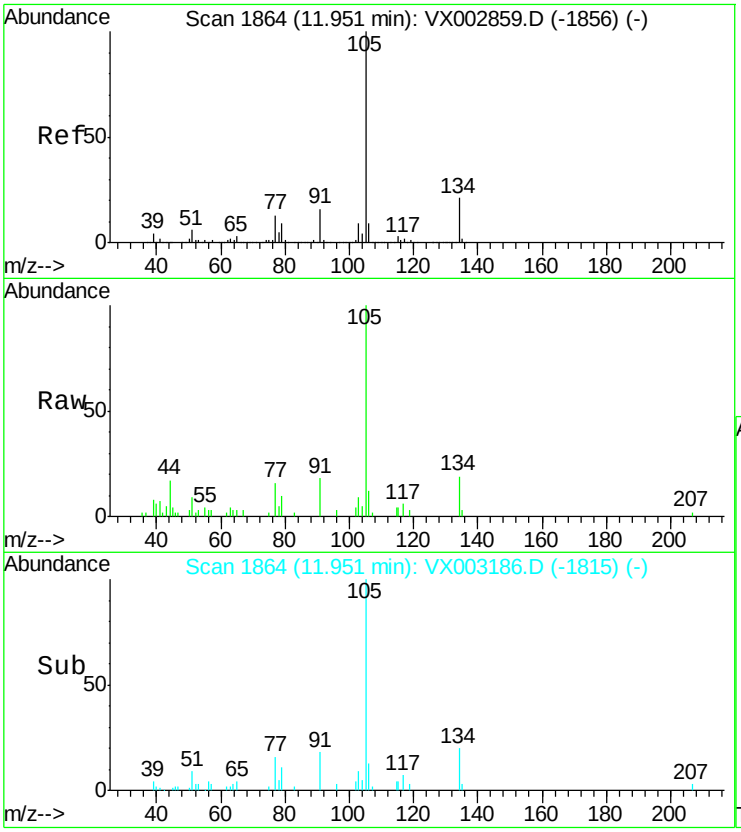


#84
1,2,4-Trimethylbenzene
Concen: 0.20 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:105 Resp: 2442

Ion	Ratio	Lower	Upper
105	100		
120	36.9	22.3	66.8



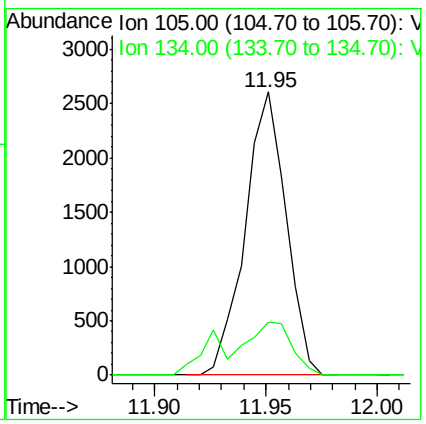


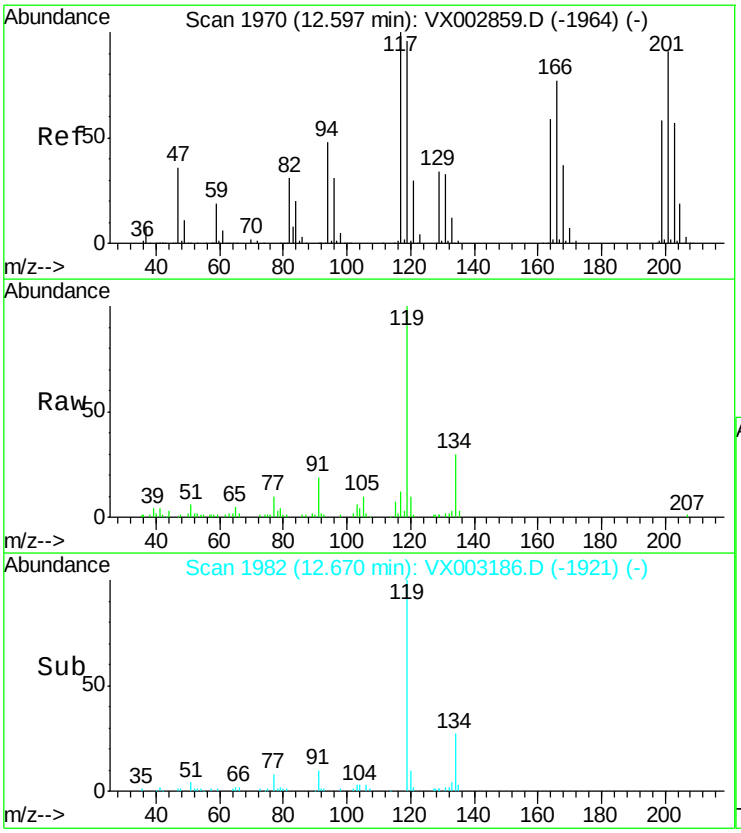
#85
sec-Butylbenzene
Concen: 0.24 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion:105 Resp: 3343

Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.4	31.1

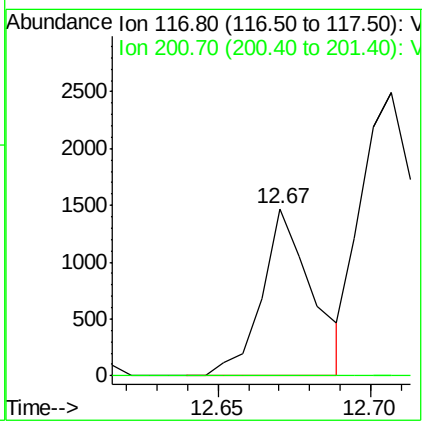


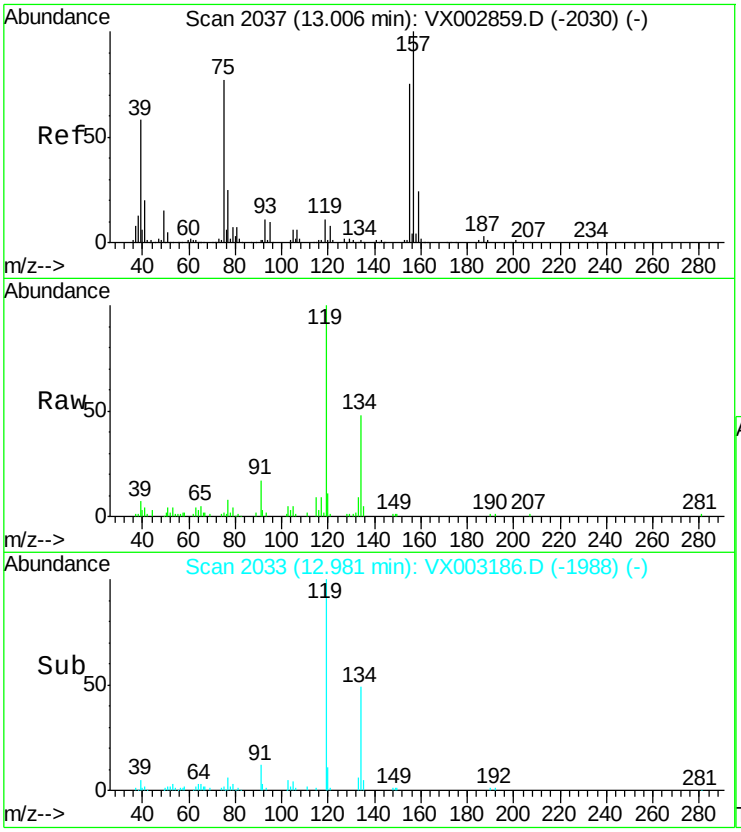


#90
Hexachloroethane
Concen: 0.90 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:117 Resp: 1682

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#



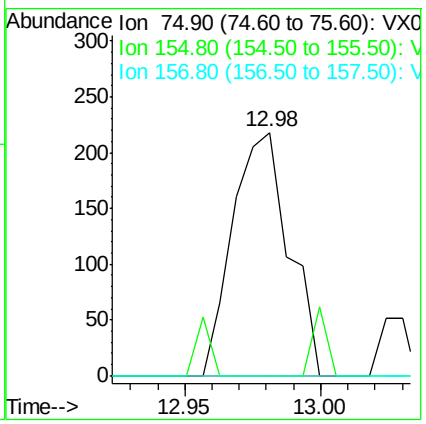


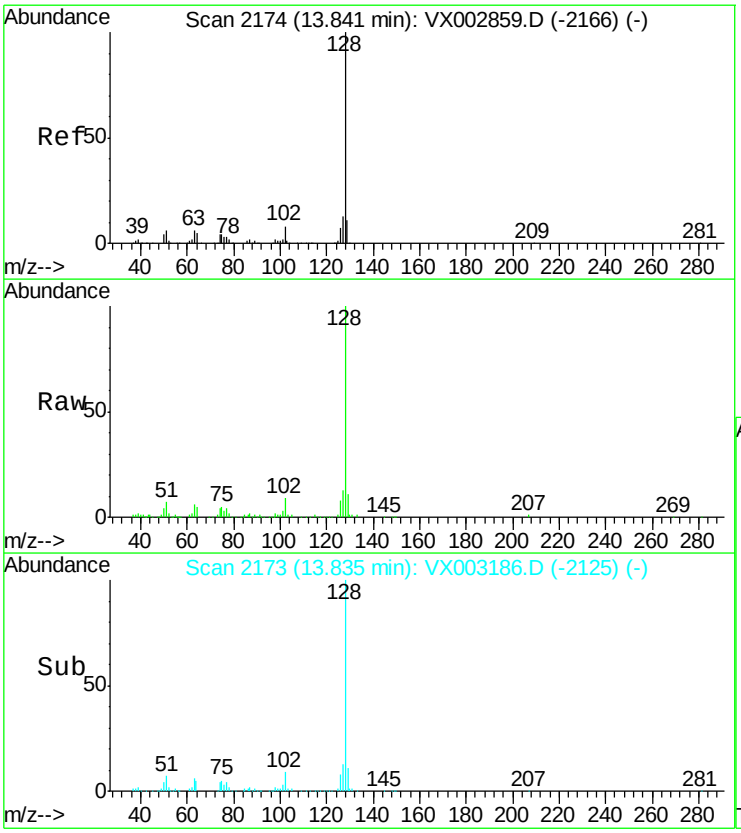
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.32 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tgt Ion: 75 Resp: 312

Ion	Ratio	Lower	Upper
75	100		
155	7.4	45.8	137.4#
157	0.0	60.1	180.3#





#95
Naphthalene
Concen: 3.12 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:128 Resp: 44168

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.4	15.6
129	13.3	8.6	13.0#