Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
Data File : VX003378.D
Acq On : 13 Jul 2018 22:54
Operator : JC/MD
Sample : J3821-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HR-05-071218-A

Quant Time: Jul 14 02:49:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

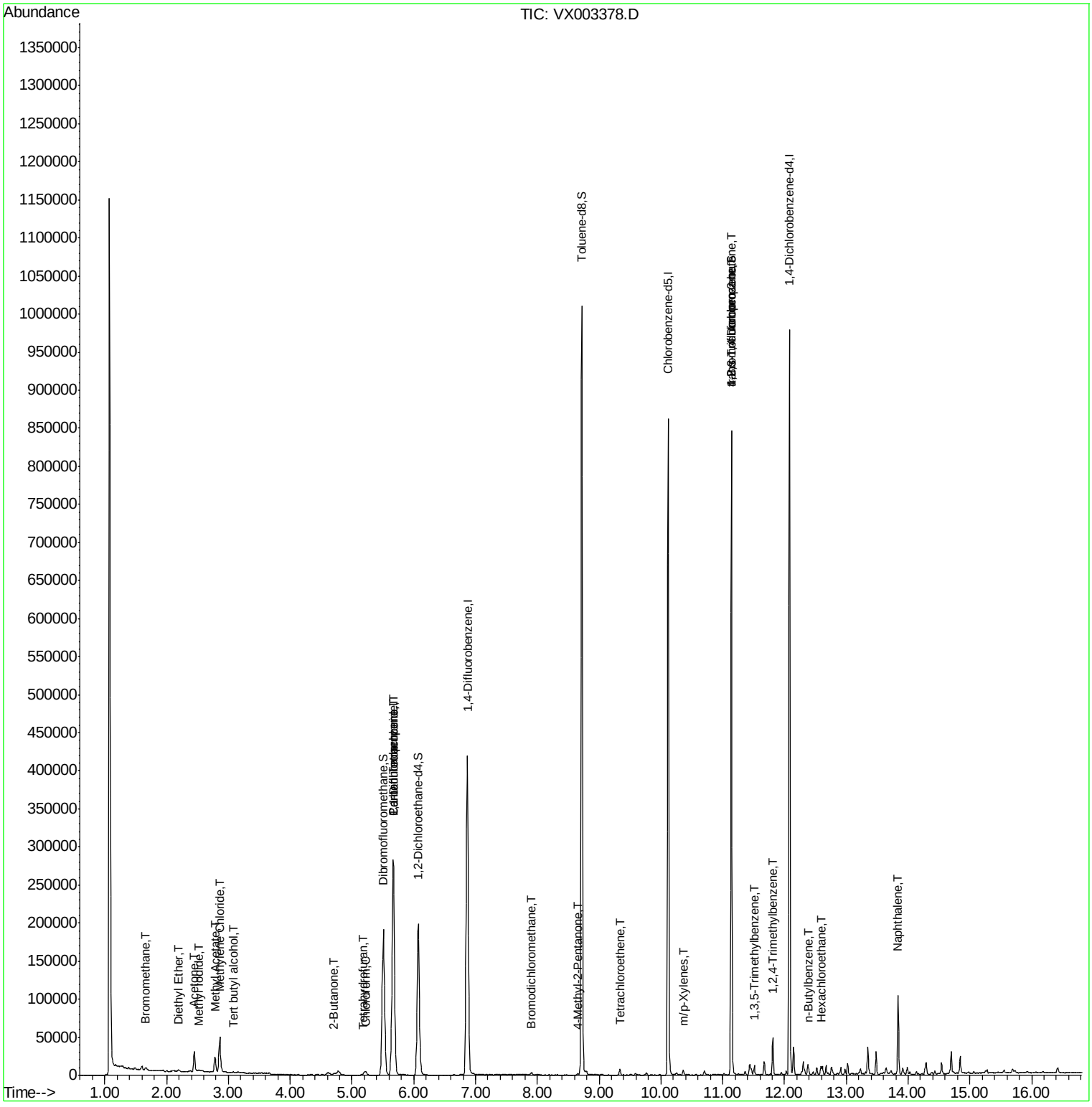
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	295526	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	440954	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	399050	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215358	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	182337	56.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.02%				
35) Dibromofluoromethane	5.51	113	161860	49.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.74%				
50) Toluene-d8	8.72	98	617707	58.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.60%				
62) 4-Bromofluorobenzene	11.14	95	207493	45.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.82%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	132	Below Cal		#	43
3) Chloromethane	1.32	50	1338	Below Cal			97
5) Bromomethane	1.65	94	2660	1.23	ug/l		96
6) Chloroethane	1.73	64	431	Below Cal			95
8) Diethyl Ether	2.19	74	1022	0.42	ug/l		93
10) Methyl Iodide	2.52	142	2616	0.73	ug/l		91
11) Tert butyl alcohol	3.07	59	1232	1.44	ug/l	#	91
13) Acrolein	2.30	56	238	Below Cal		#	31
16) Acetone	2.45	43	27401	16.52	ug/l	#	86
18) Methyl Acetate	2.78	43	24449	4.75	ug/l		94
20) Methylene Chloride	2.86	84	22660	5.24	ug/l		92
25) 2-Butanone	4.71	43	3706	1.44	ug/l		92
29) Tetrahydrofuran	5.17	42	1292	0.79	ug/l	#	61
30) Chloroform	5.21	83	5537	0.87	ug/l		95
36) 1,1-Dichloropropene	5.67	75	18158	3.88	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	25570	5.35	ug/l	#	16
47) Bromodichloromethane	7.90	83	1891	0.40	ug/l		96
51) 4-Methyl-2-Pentanone	8.65	43	1193	0.23	ug/l		99
64) Tetrachloroethene	9.34	164	1545	0.36	ug/l	#	86
68) m/p-Xylenes	10.36	106	1583	0.25	ug/l		92
76) 1,2,3-Trichloropropane	11.14	75	99743	23.44	ug/l	#	33
80) 1,3,5-Trimethylbenzene	11.51	105	5735	0.46	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.14	75	99743	78.16	ug/l	#	6
84) 1,2,4-Trimethylbenzene	11.81	105	20517	1.64	ug/l		98
89) n-Butylbenzene	12.39	91	2745	0.25	ug/l	#	52
90) Hexachloroethane	12.59	117	606	0.31	ug/l	#	1
95) Naphthalene	13.83	128	67541	4.48	ug/l		100

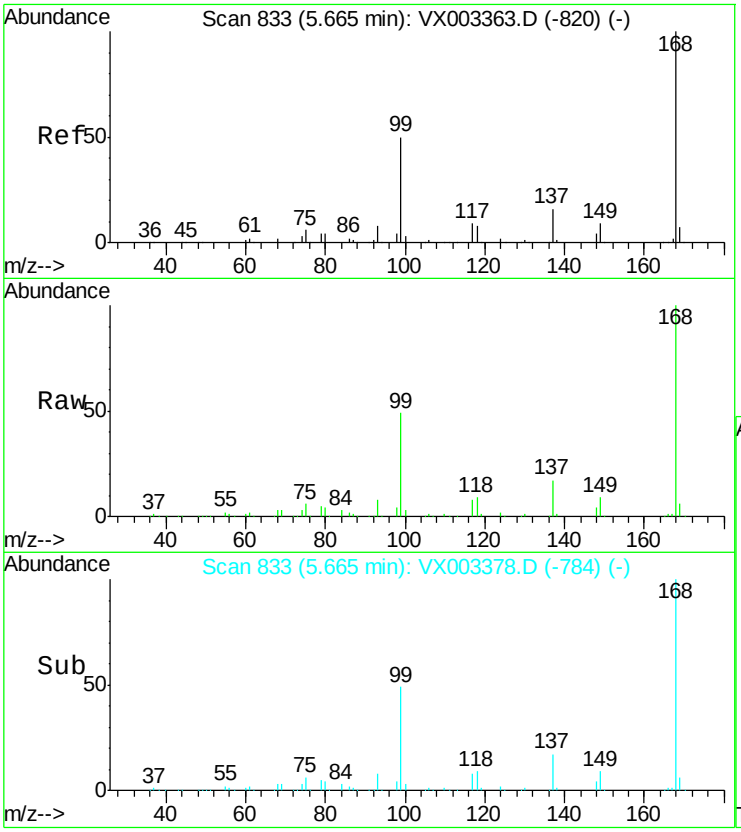
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003378.D
Acq On : 13 Jul 2018 22:54
Operator : JC/MD
Sample : J3821-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Quant Time: Jul 14 02:49:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration



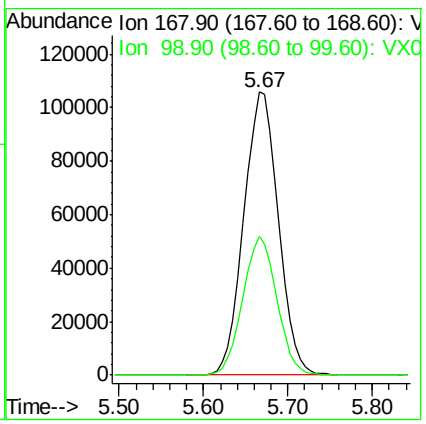


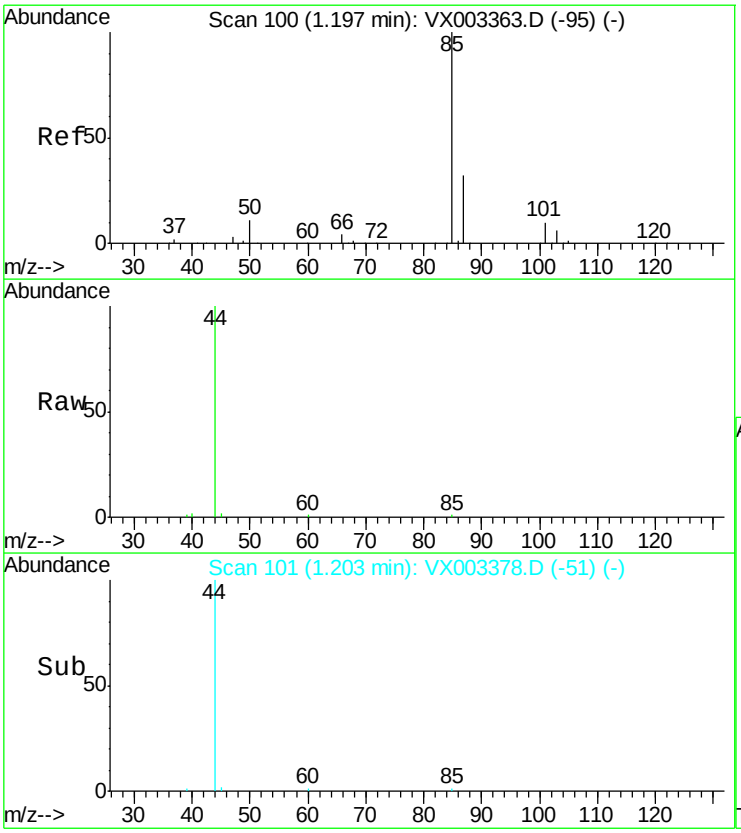
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion:168 Resp: 295526

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.3	58.9

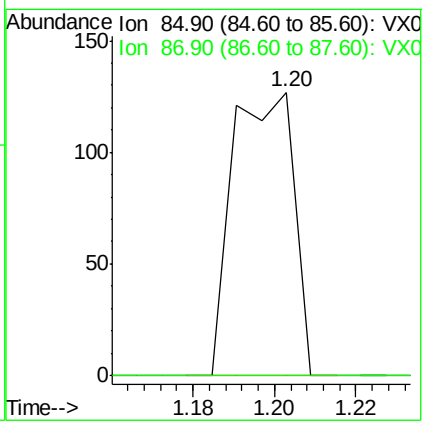


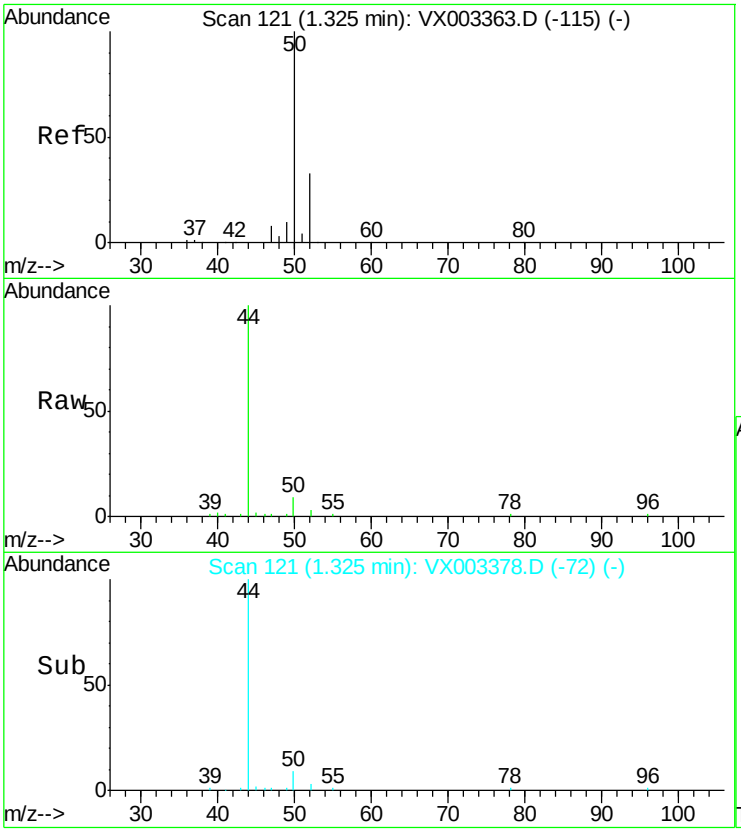


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 85 Resp: 132

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



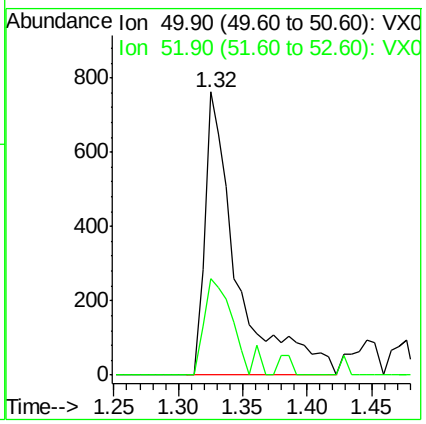


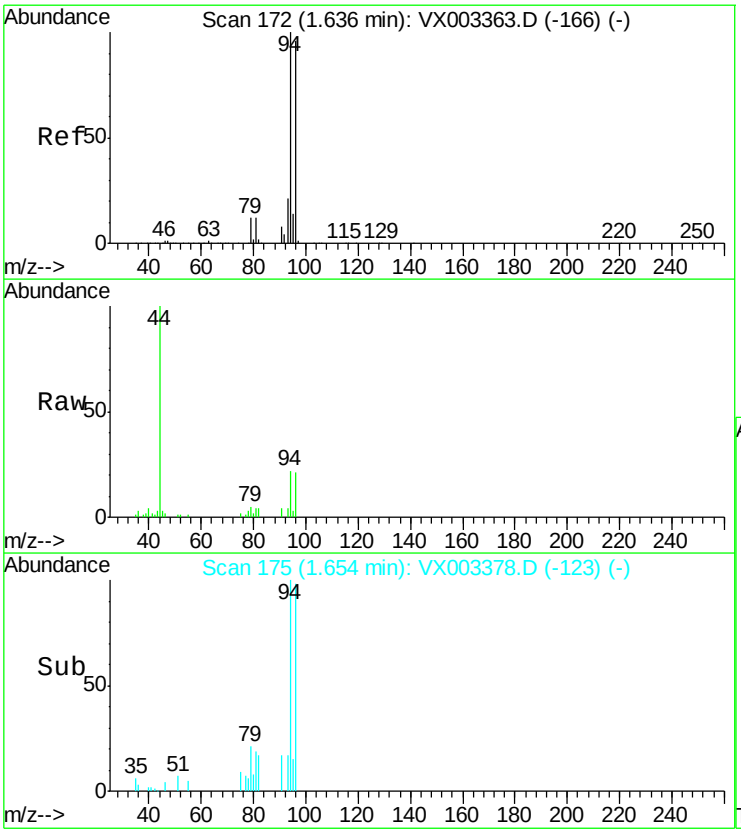
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion: 50 Resp: 1338

Ion	Ratio	Lower	Upper
50	100		
52	34.0	25.7	38.5

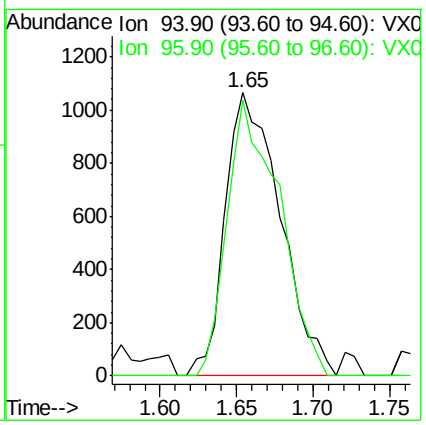


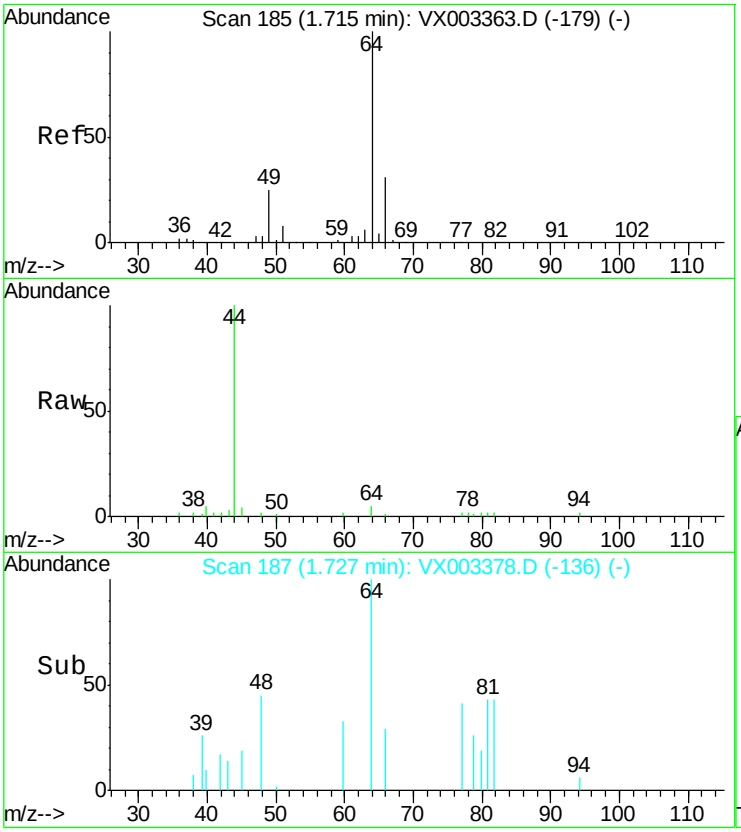


#5
Bromomethane
Concen: 1.23 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 94 Resp: 2660

Ion	Ratio	Lower	Upper
94	100		
96	97.6	74.9	112.3



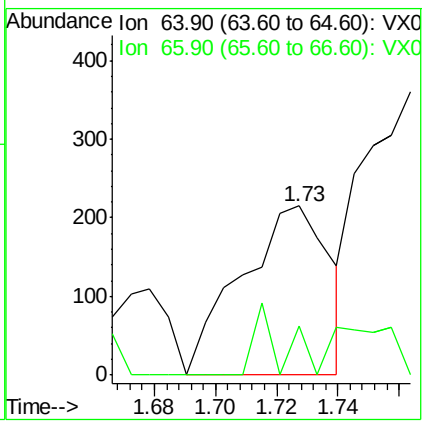


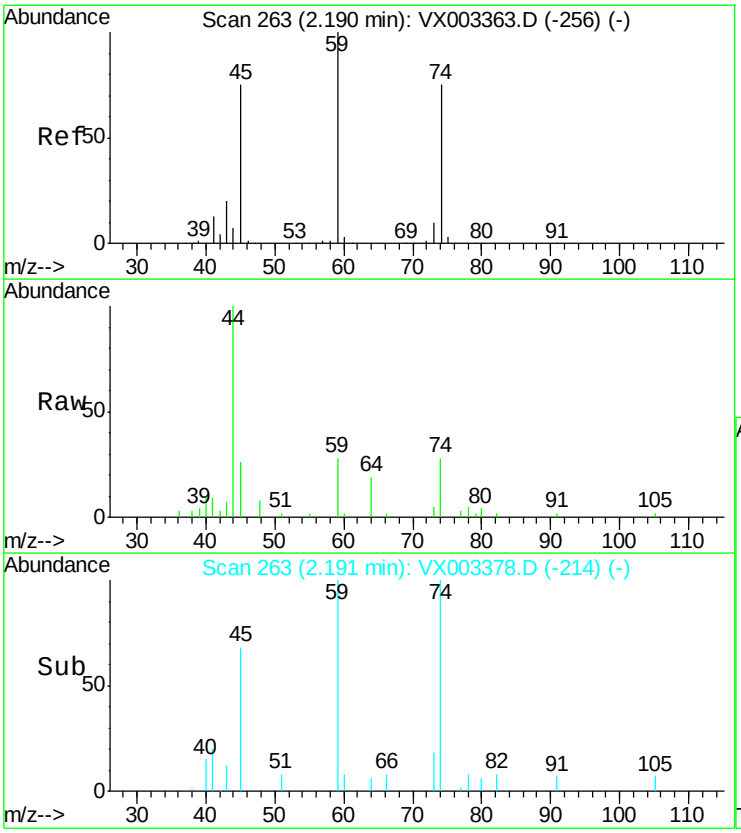
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion: 64 Resp: 431

Ion	Ratio	Lower	Upper
64	100		
66	29.3	25.5	38.3

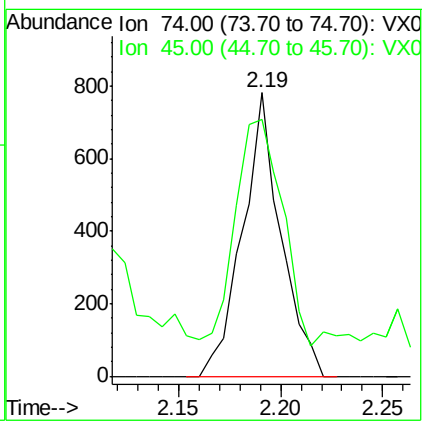


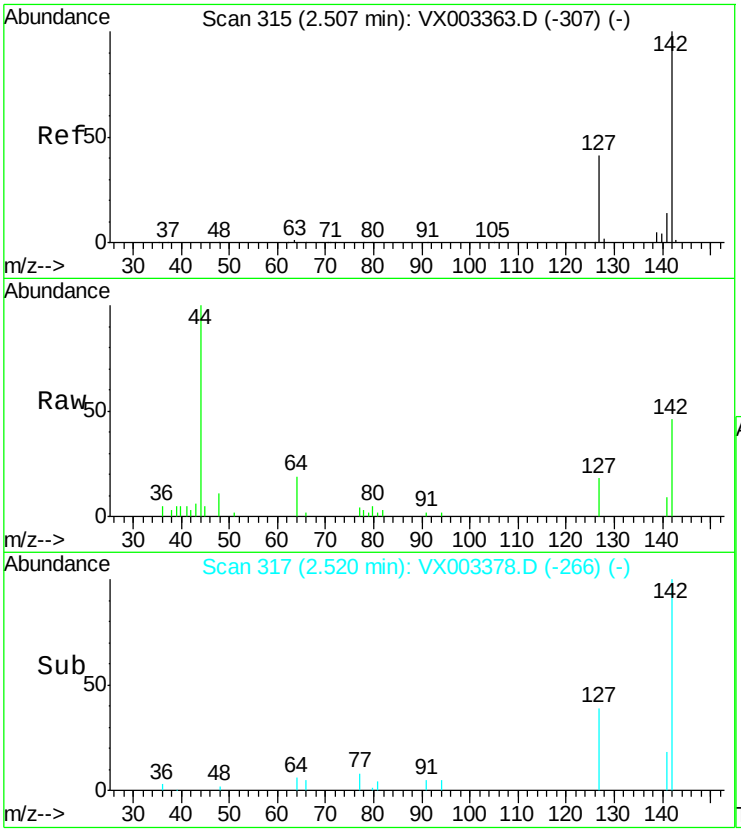


#8
Diethyl Ether
Concen: 0.42 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 74 Resp: 1022

Ion	Ratio	Lower	Upper
74	100		
45	98.5	53.1	159.4



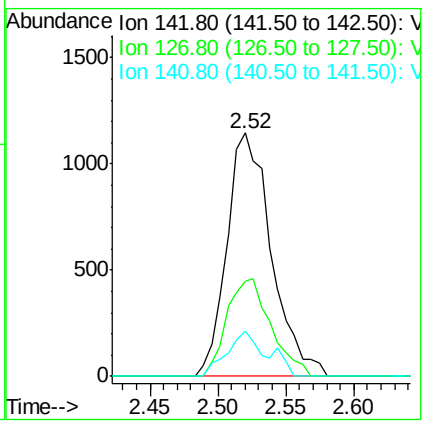


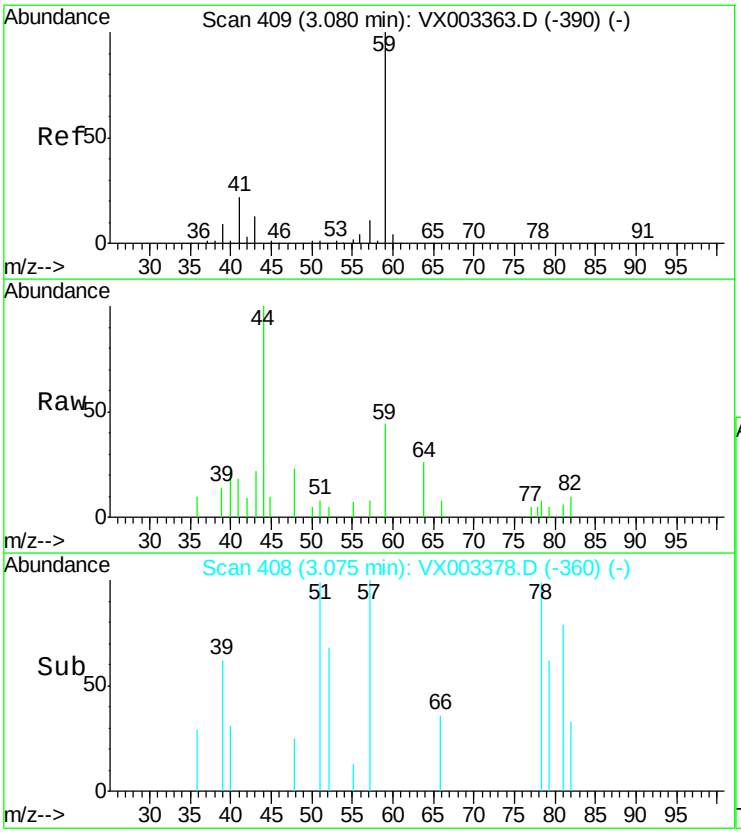
#10
Methyl Iodide
Concen: 0.73 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion:142 Resp: 2616

Ion	Ratio	Lower	Upper
142	100		
127	39.5	36.6	55.0
141	16.6	11.3	16.9

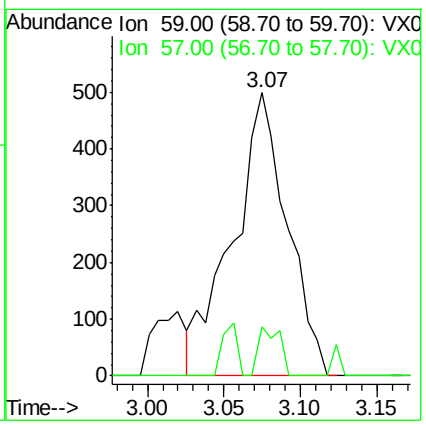


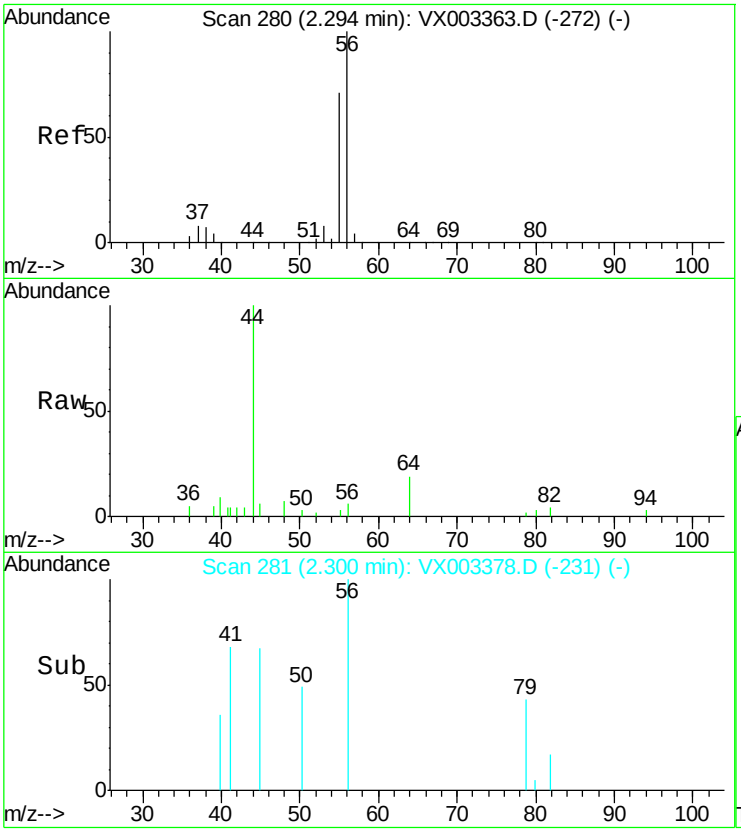


#11
Tert butyl alcohol
Concen: 1.44 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 59 Resp: 1232

Ion	Ratio	Lower	Upper
59	100		
57	7.0	8.2	12.2#



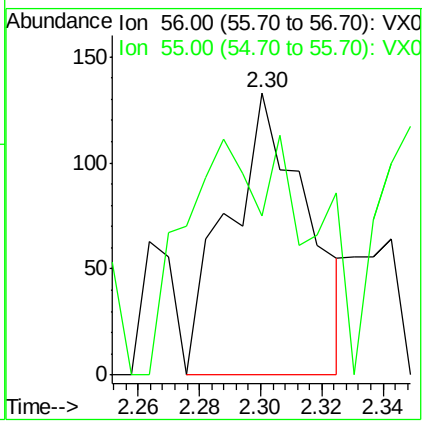


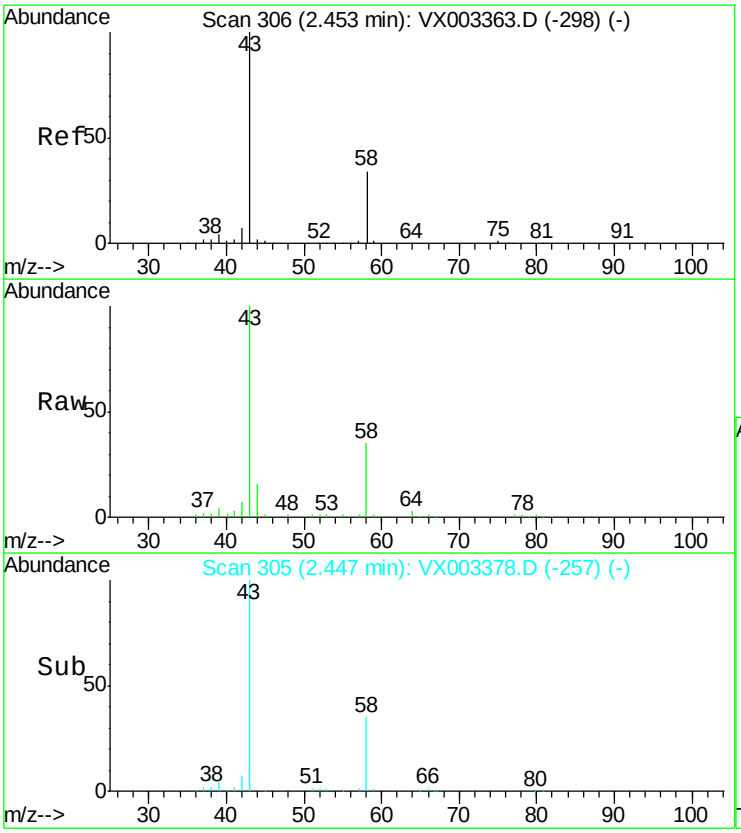
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion: 56 Resp: 238

Ion	Ratio	Lower	Upper
56	100		
55	128.6	57.0	85.4#

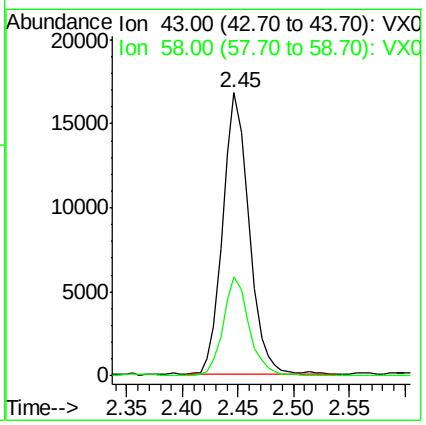


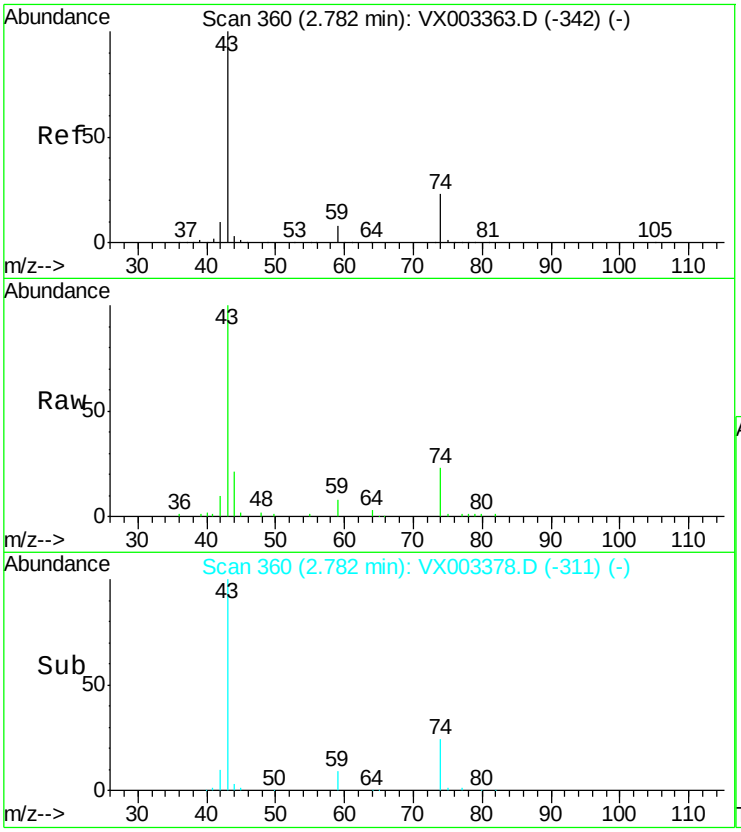


#16
Acetone
Concen: 16.52 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 43 Resp: 27401

Ion	Ratio	Lower	Upper
43	100		
58	35.2	22.1	33.1#



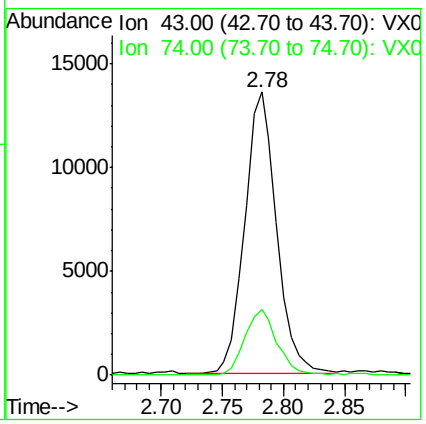


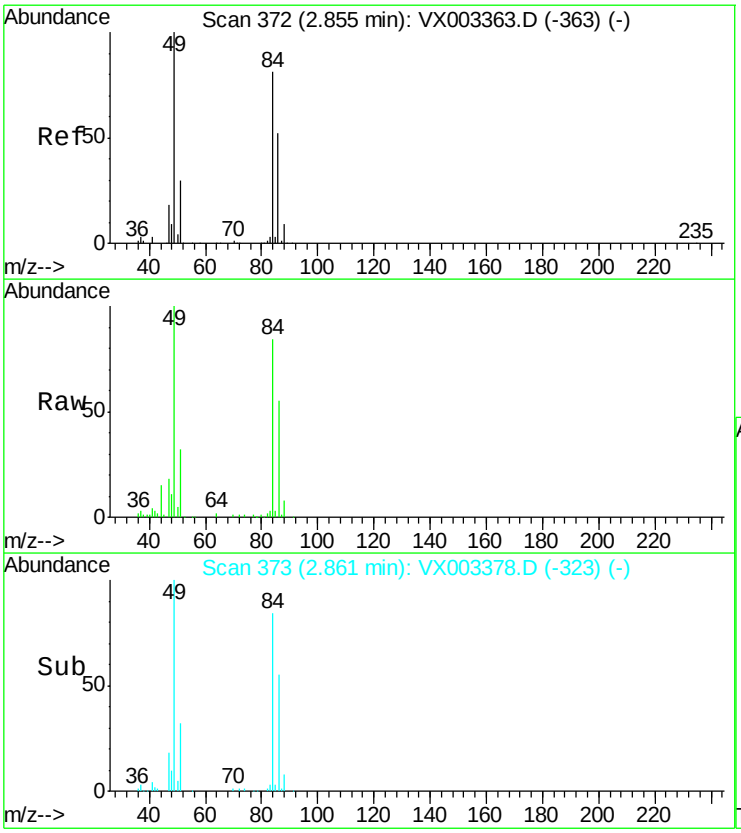
#18
Methyl Acetate
Concen: 4.75 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument : MSVOA_X
ClientSampleId : HR-05-071218-A

Tgt Ion: 43 Resp: 24449

Ion	Ratio	Lower	Upper
43	100		
74	23.5	16.7	25.1

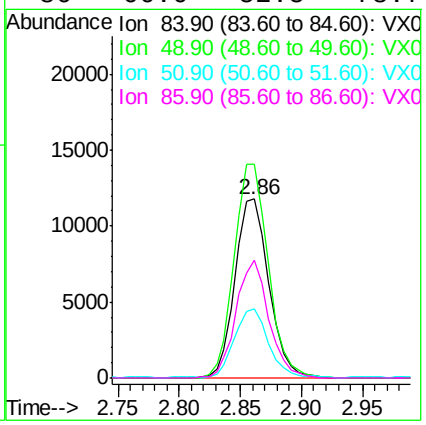


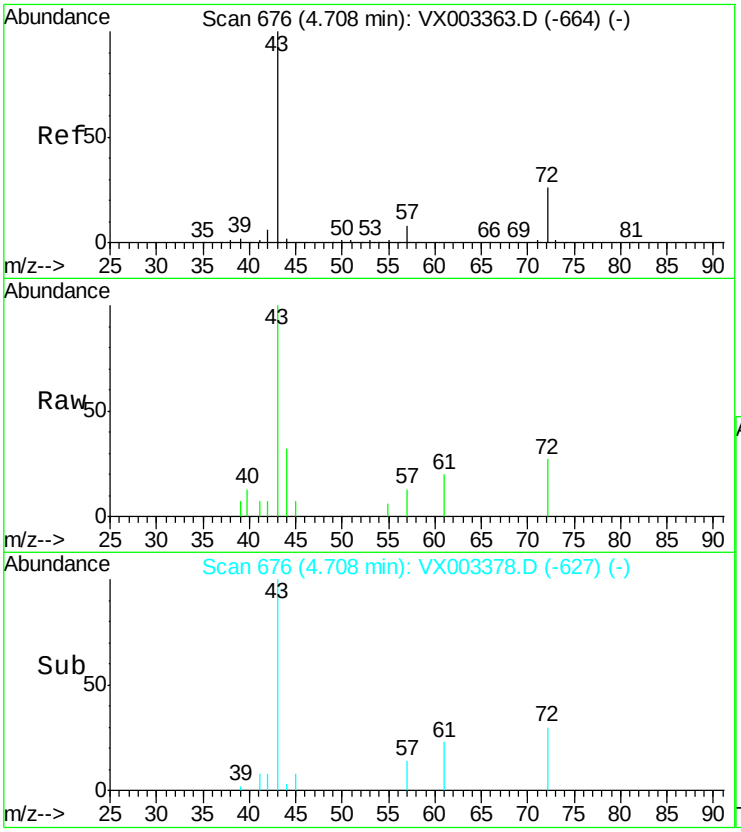


#20
Methylene Chloride
Concen: 5.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 84 Resp: 22660

Ion	Ratio	Lower	Upper
84	100		
49	119.3	107.8	161.6
51	38.6	32.8	49.2
86	66.0	52.5	78.7



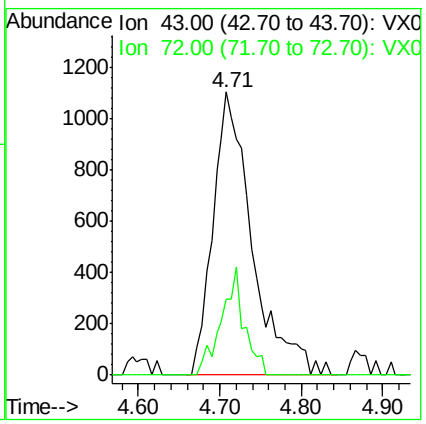


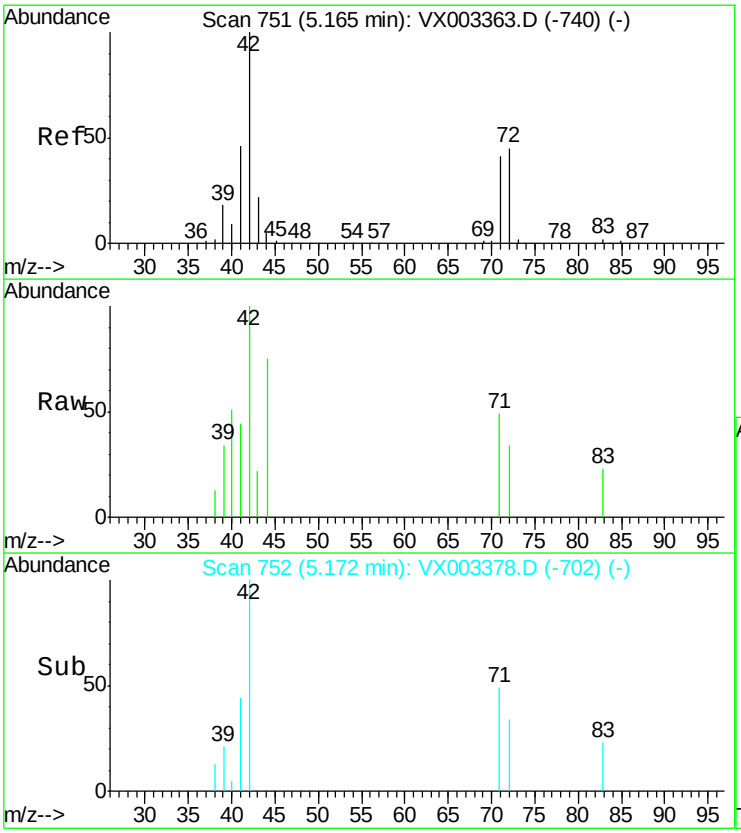
#25
2-Butanone
Concen: 1.44 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion: 43 Resp: 3706

Ion	Ratio	Lower	Upper
43	100		
72	26.8	18.5	27.7

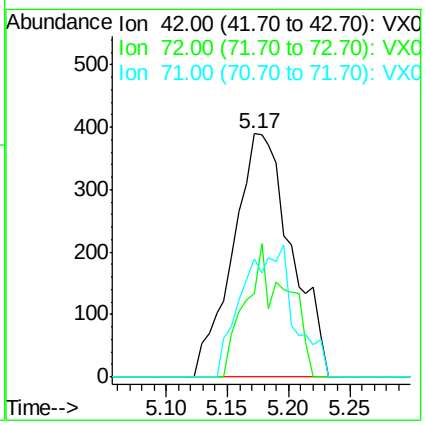


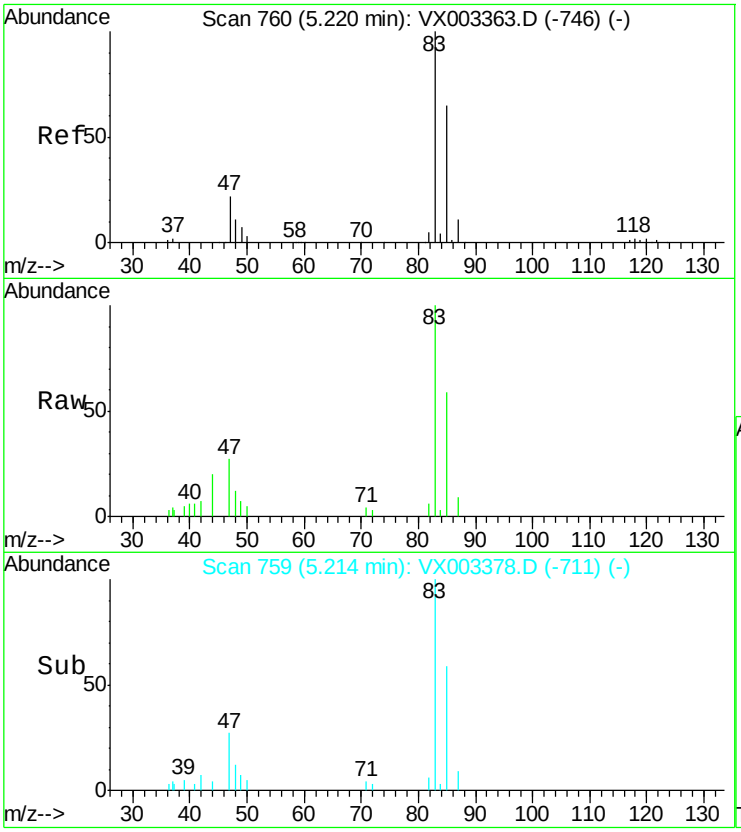


#29
Tetrahydrofuran
Concen: 0.79 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 42 Resp: 1292

Ion	Ratio	Lower	Upper
42	100		
72	29.6	32.0	48.0#
71	0.0	30.1	45.1#



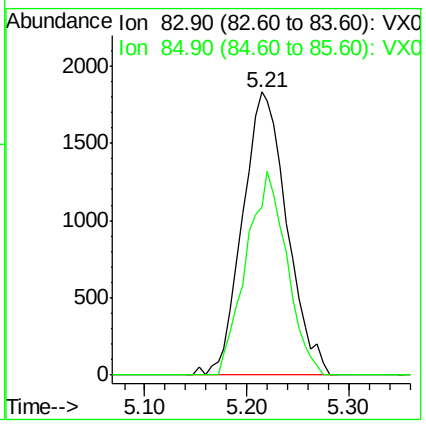


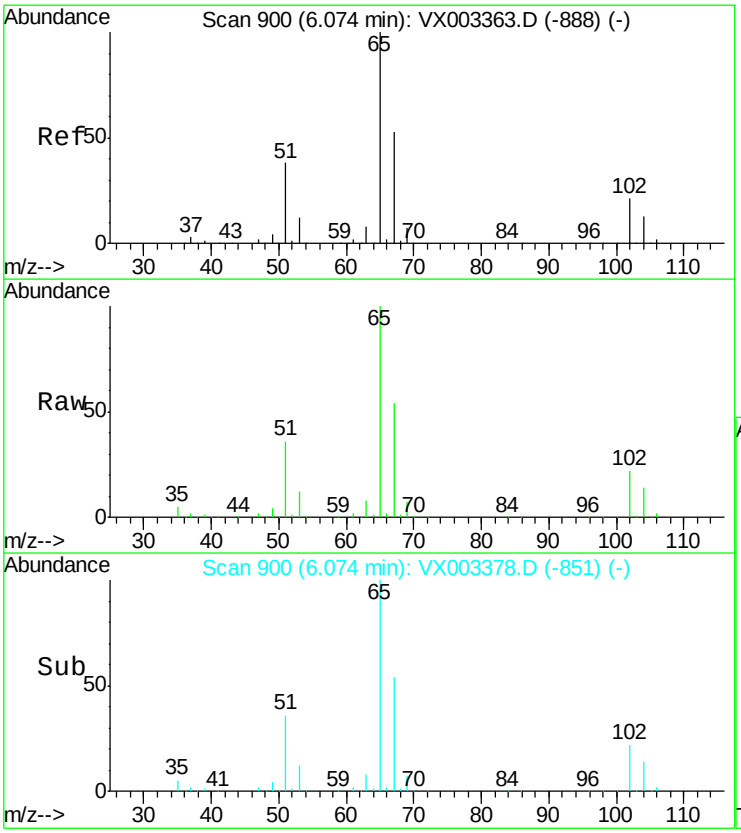
#30
Chloroform
Concen: 0.87 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion: 83 Resp: 5537

Ion	Ratio	Lower	Upper
83	100		
85	59.4	50.4	75.6

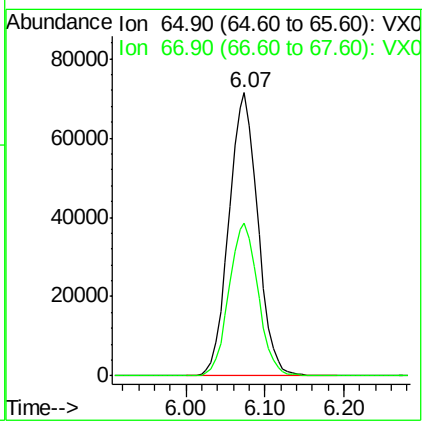


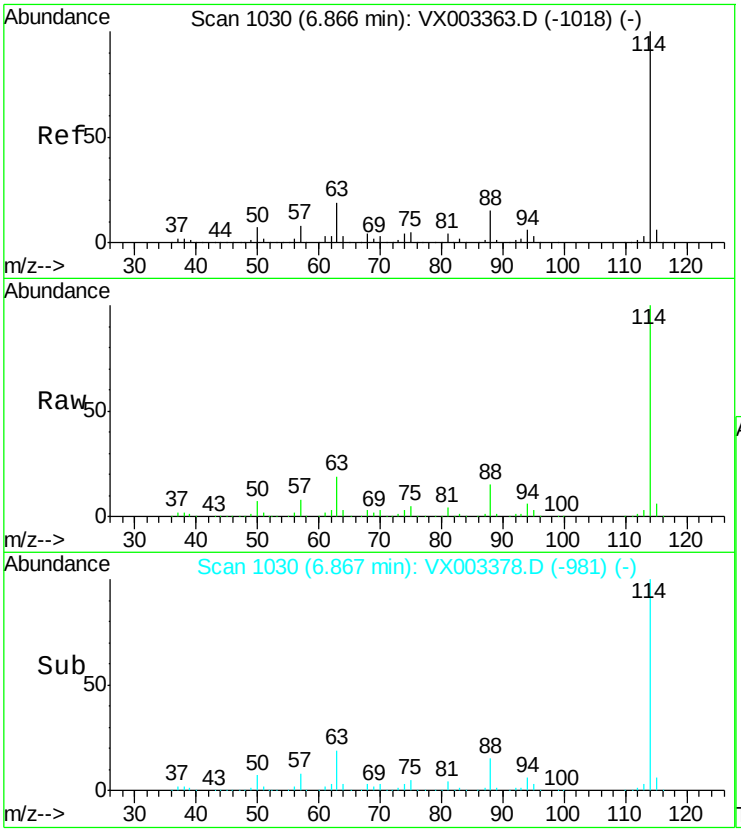


#33
1,2-Dichloroethane-d4
Concen: 56.51 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 65 Resp: 182337

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	102.6



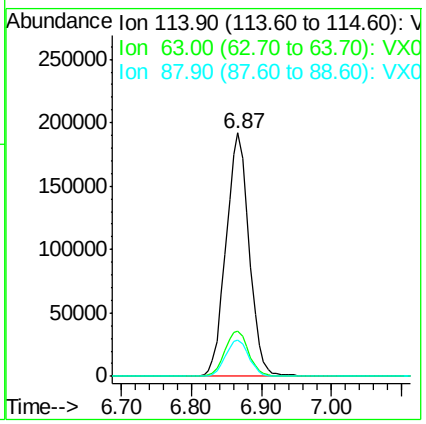


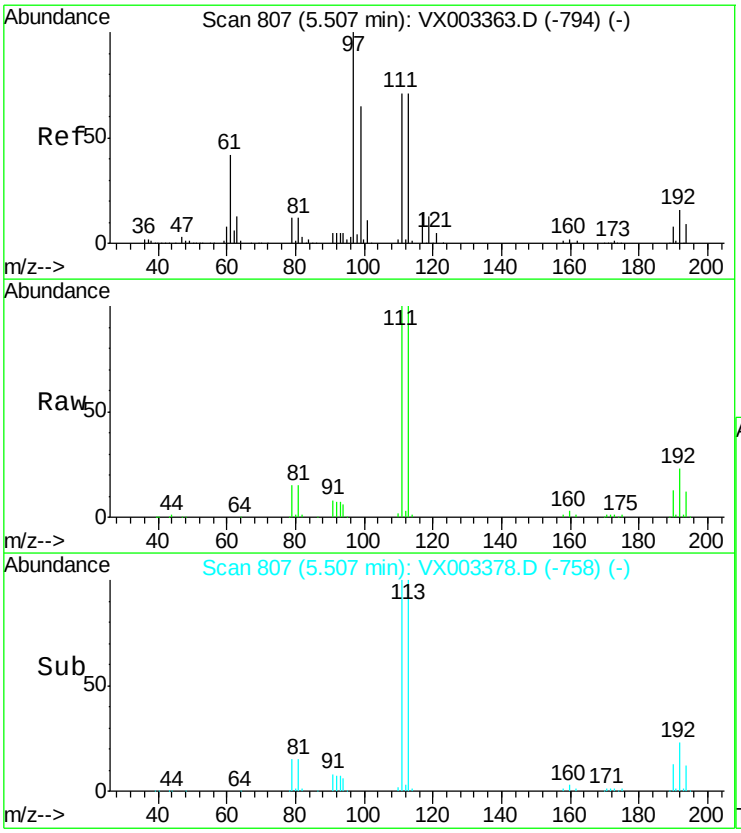
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion:114 Resp: 440954

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	41.4
88	14.9	0.0	30.0

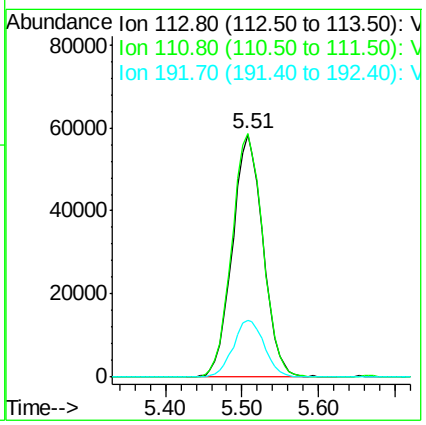


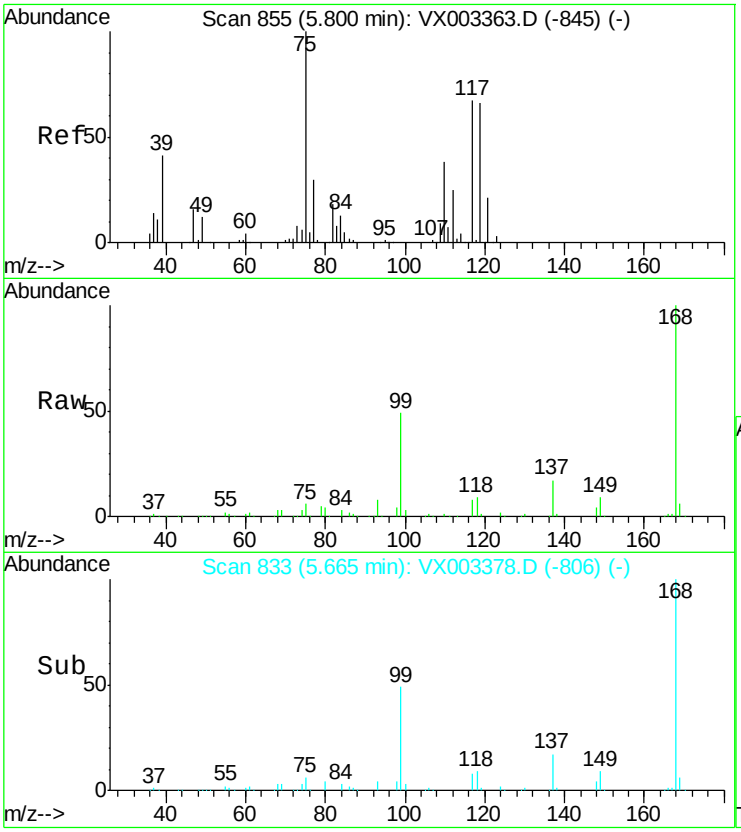


#35
Dibromofluoromethane
Concen: 49.87 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion:113 Resp: 161860

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	24.0	19.1	28.7



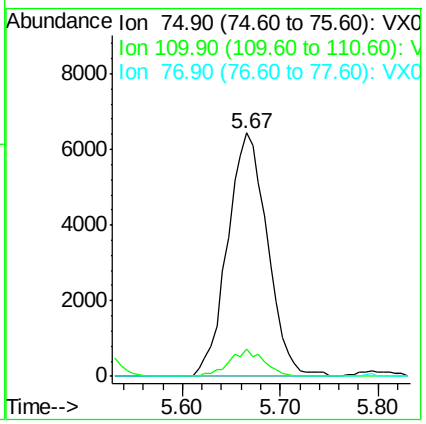


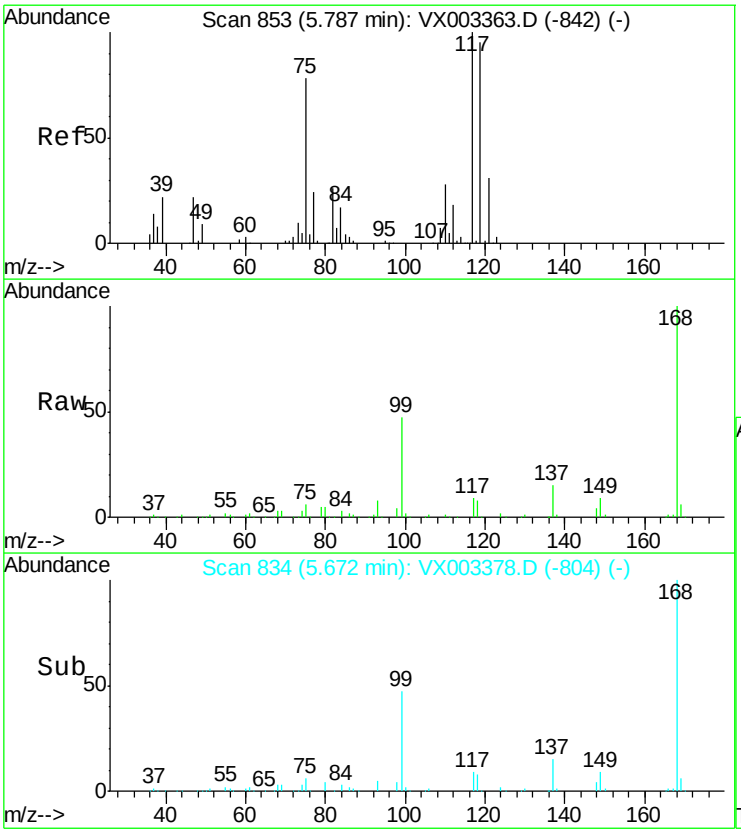
#36
1,1-Dichloropropene
Concen: 3.88 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion: 75 Resp: 18158

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	24.3	36.5#

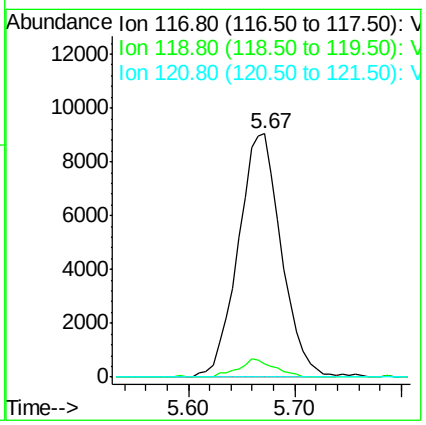


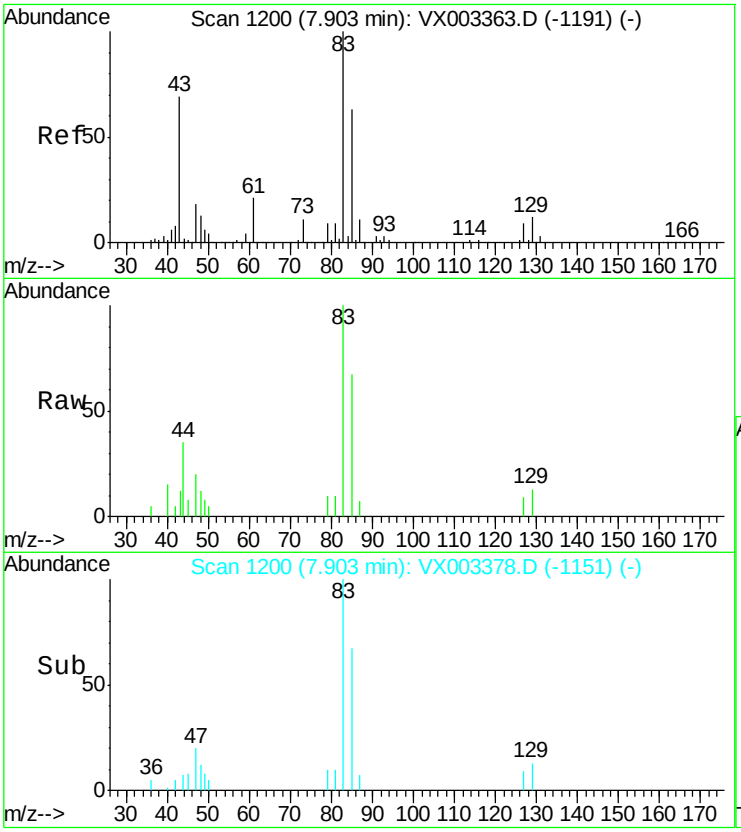


#38
Carbon Tetrachloride
Concen: 5.35 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion:117 Resp: 25570

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.4	116.0#
121	0.0	24.4	36.6#



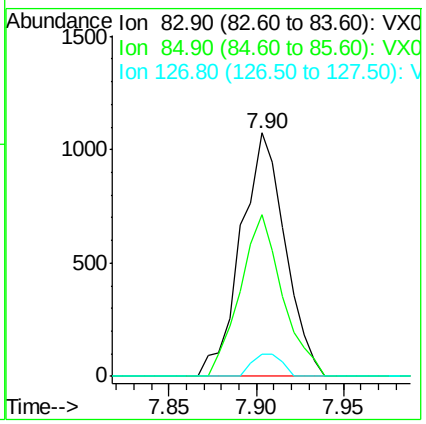


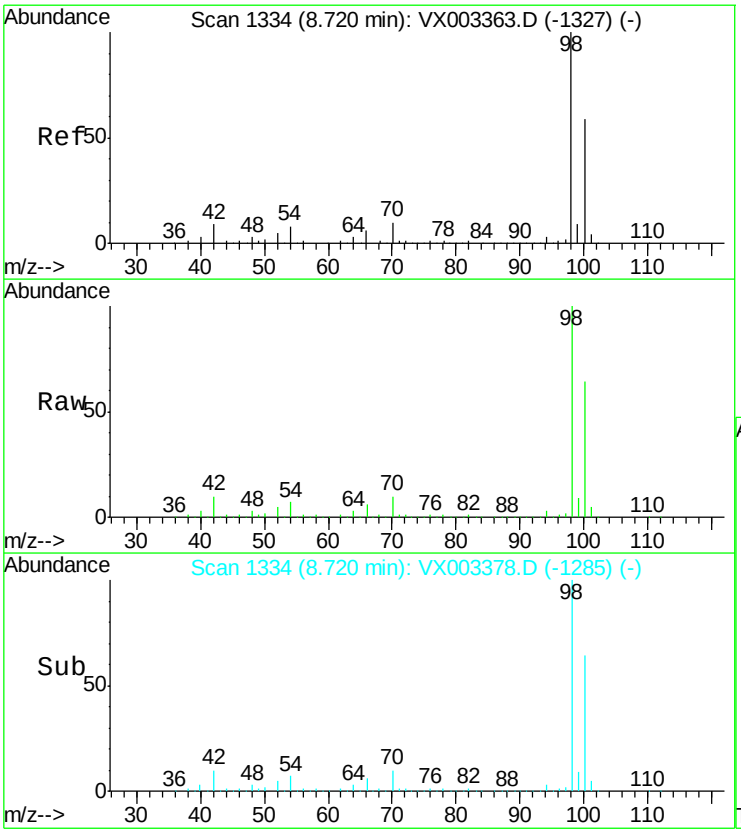
#47
Bromodichloromethane
Concen: 0.40 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion: 83 Resp: 1891

Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.3	75.5
127	8.9	7.0	10.4

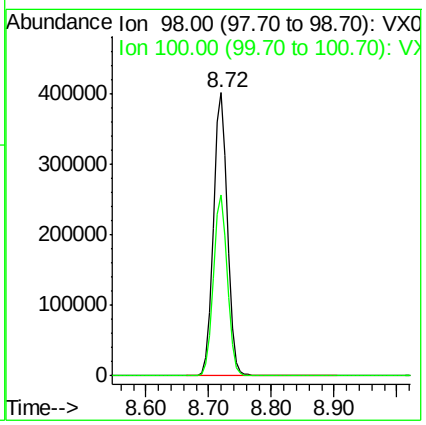


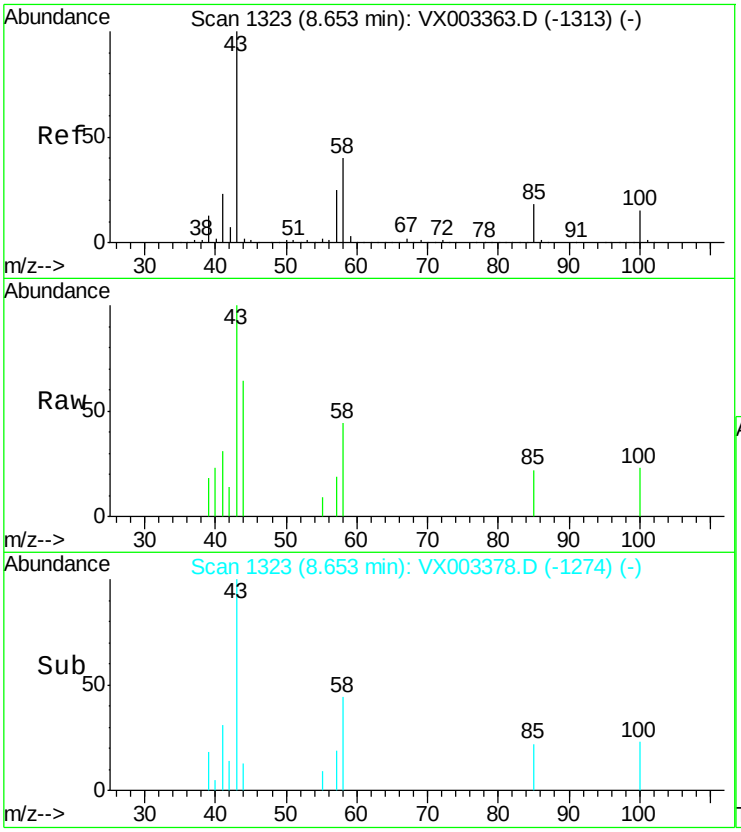


#50
Toluene-d8
Concen: 58.30 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 98 Resp: 617707

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3



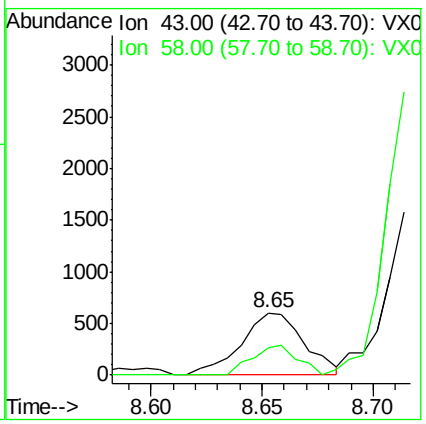


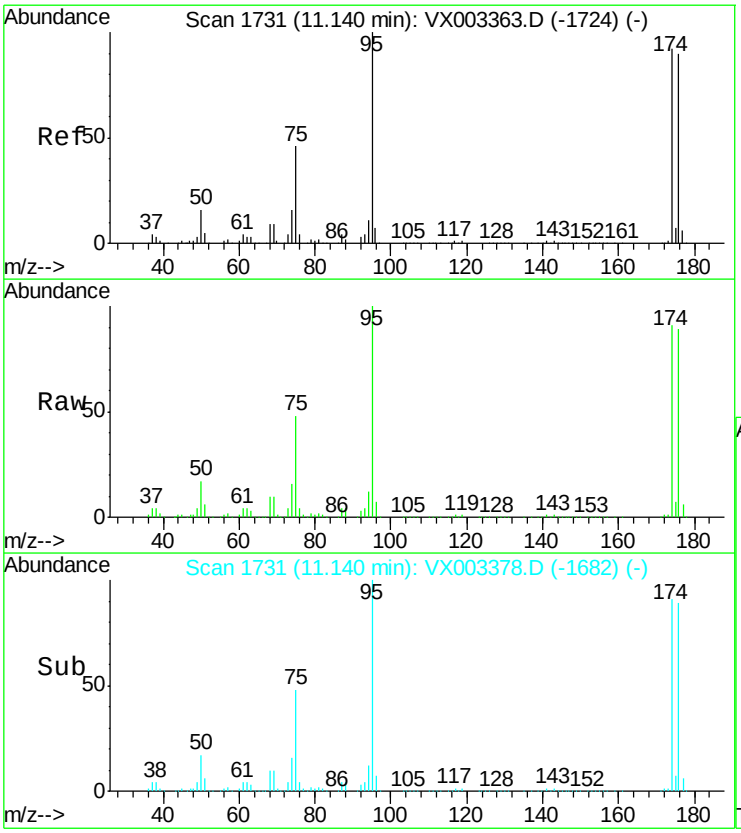
#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion: 43 Resp: 1193

Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.6	42.8

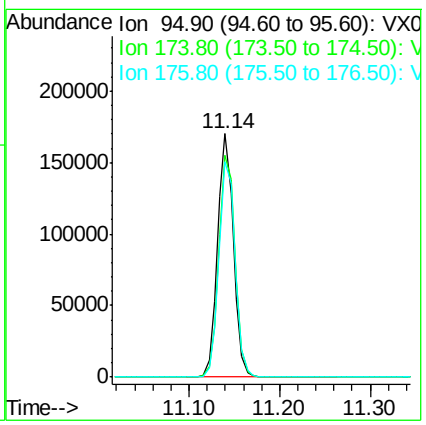


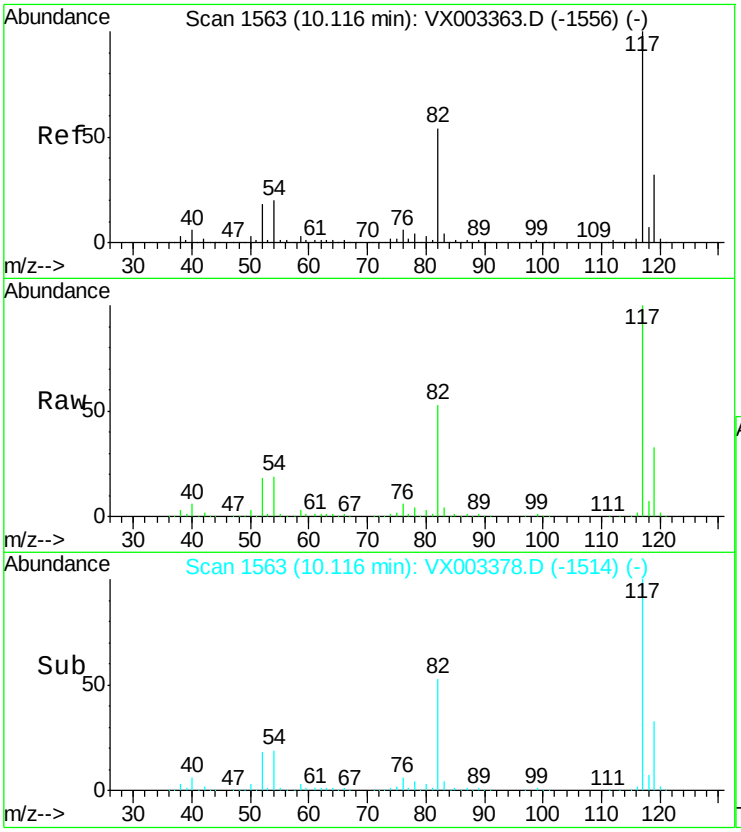


#62
4-Bromofluorobenzene
Concen: 45.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion: 95 Resp: 207493

Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	187.4
176	90.9	0.0	181.0



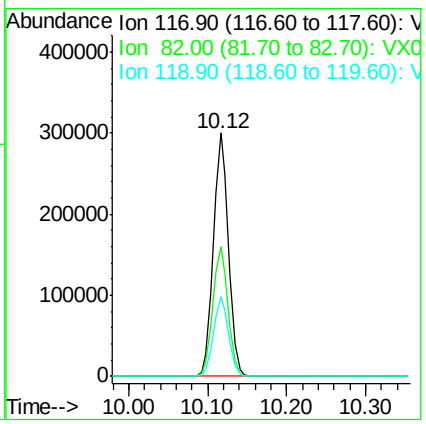


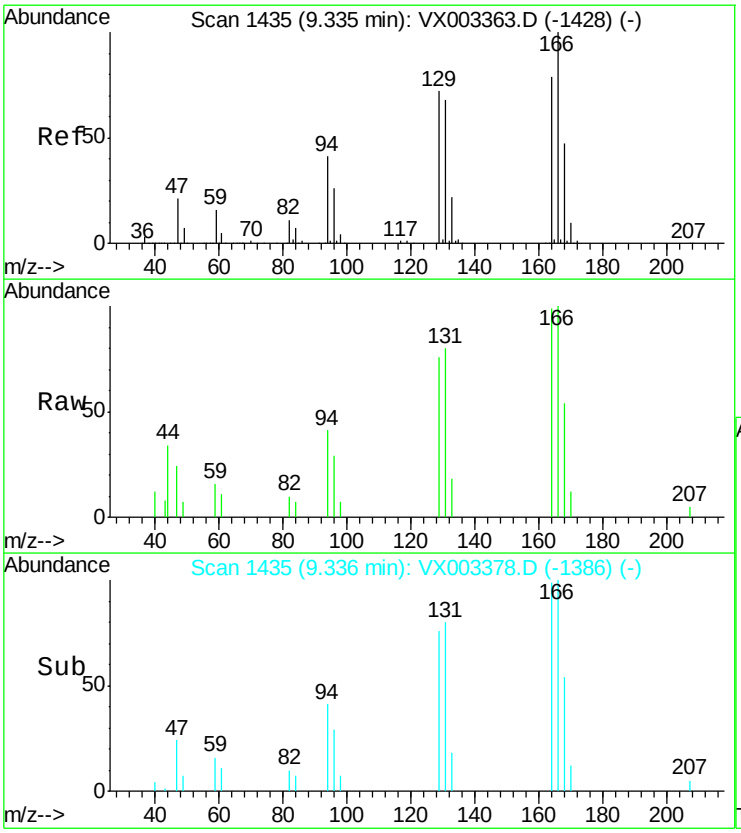
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion:117 Resp: 399050

Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.0	67.4
119	32.8	25.8	38.6

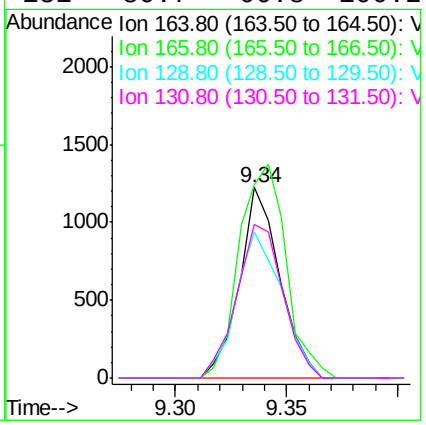


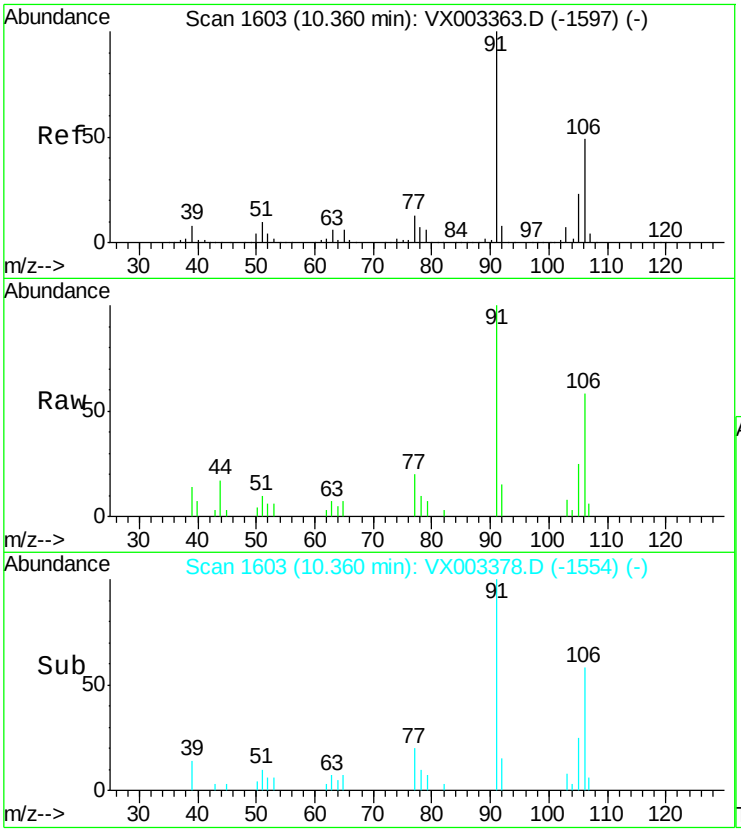


#64
Tetrachloroethene
Concen: 0.36 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion:164 Resp: 1545

Ion	Ratio	Lower	Upper
164	100		
166	101.4	102.9	154.3#
129	76.9	68.6	102.8
131	80.7	66.8	100.2



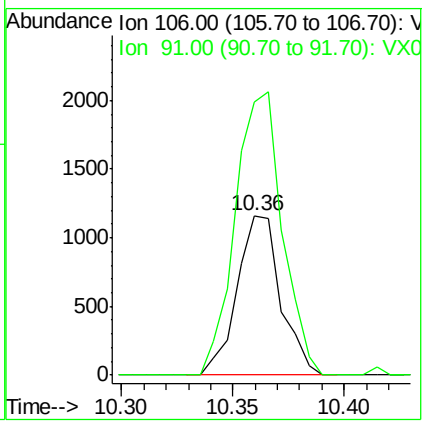


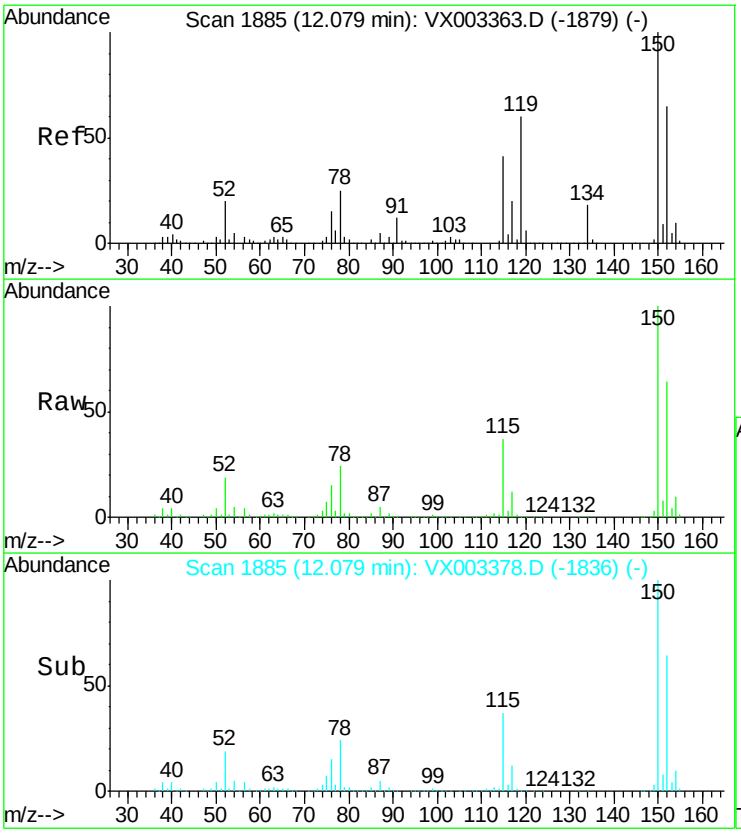
#68
m/p-Xylenes
Concen: 0.25 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion:106 Resp: 1583

Ion	Ratio	Lower	Upper
106	100		
91	191.8	163.4	245.2

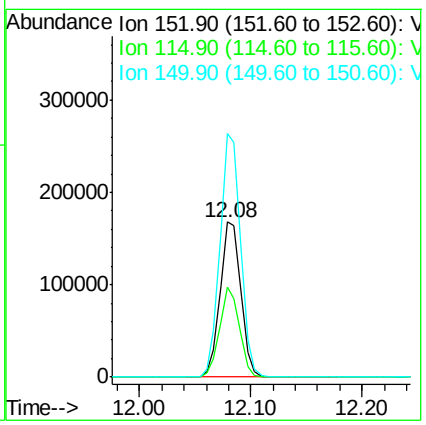


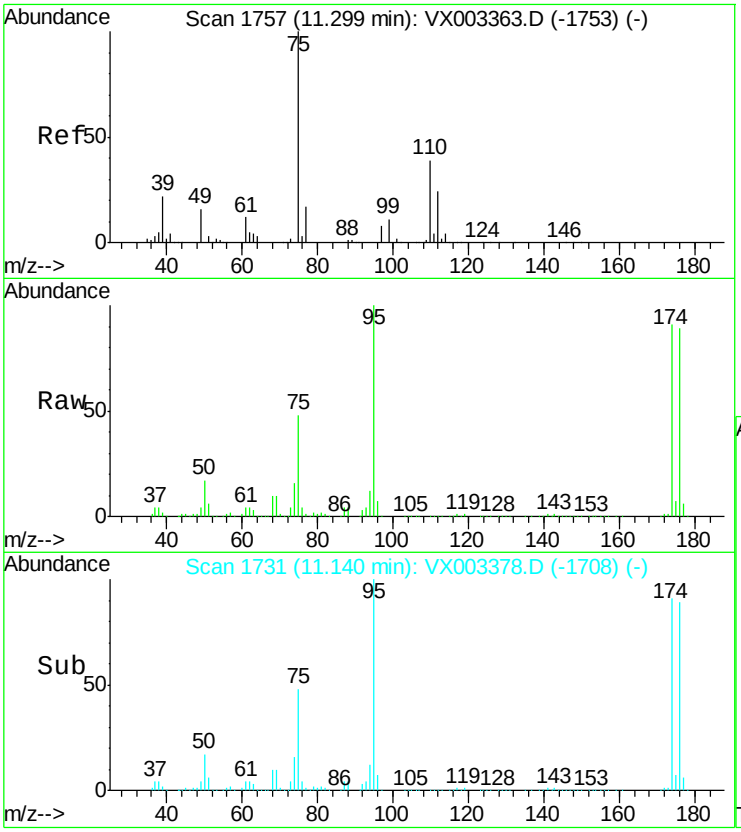


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion:152 Resp: 215358

Ion	Ratio	Lower	Upper
152	100		
115	55.4	40.1	120.2
150	156.2	0.0	347.2



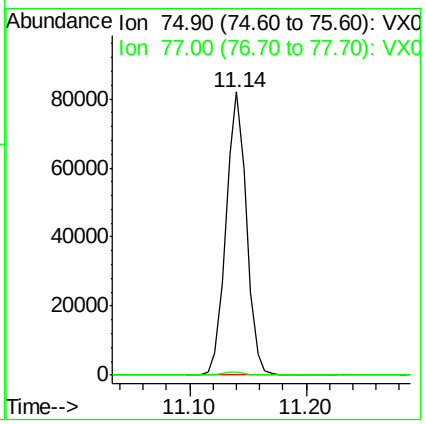


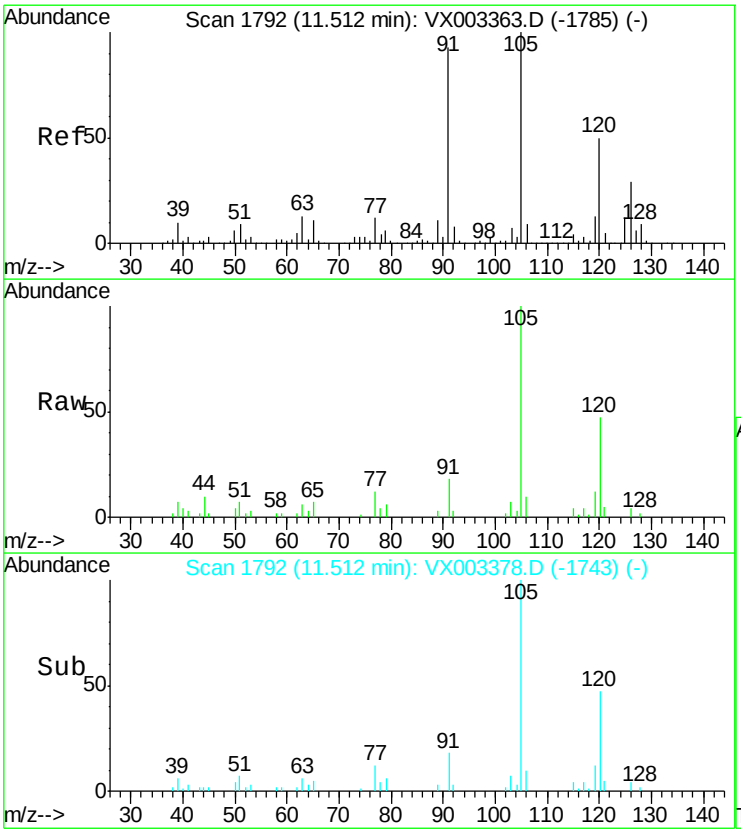
#76
1,2,3-Trichloropropane
Concen: 23.44 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion: 75 Resp: 99743

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

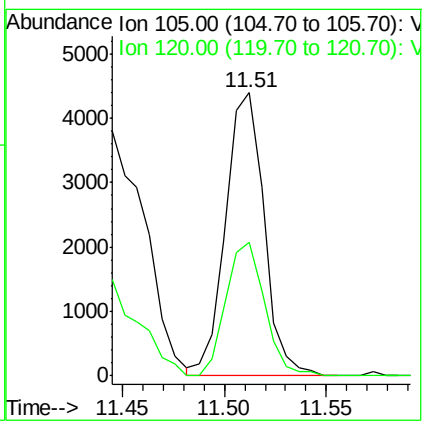


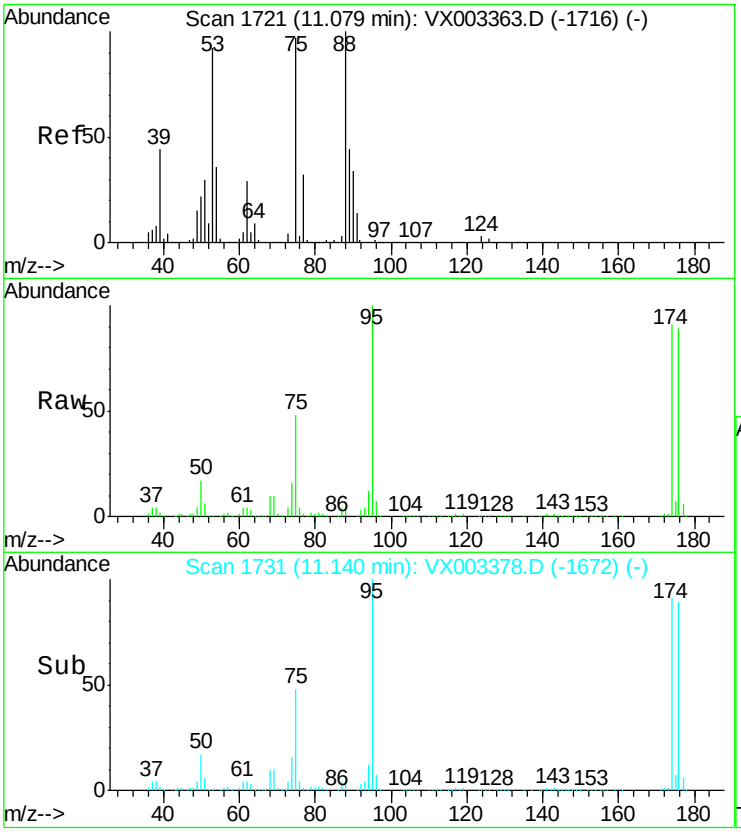


#80
1,3,5-Trimethylbenzene
Concen: 0.46 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion:105 Resp: 5735

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.4	73.4



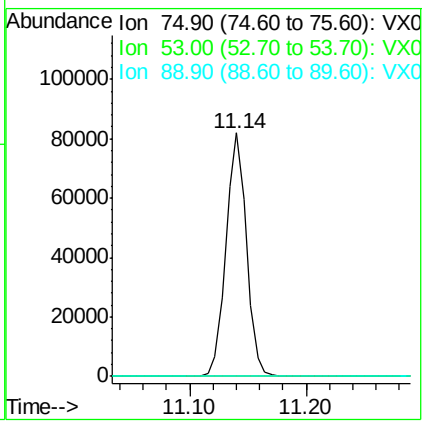


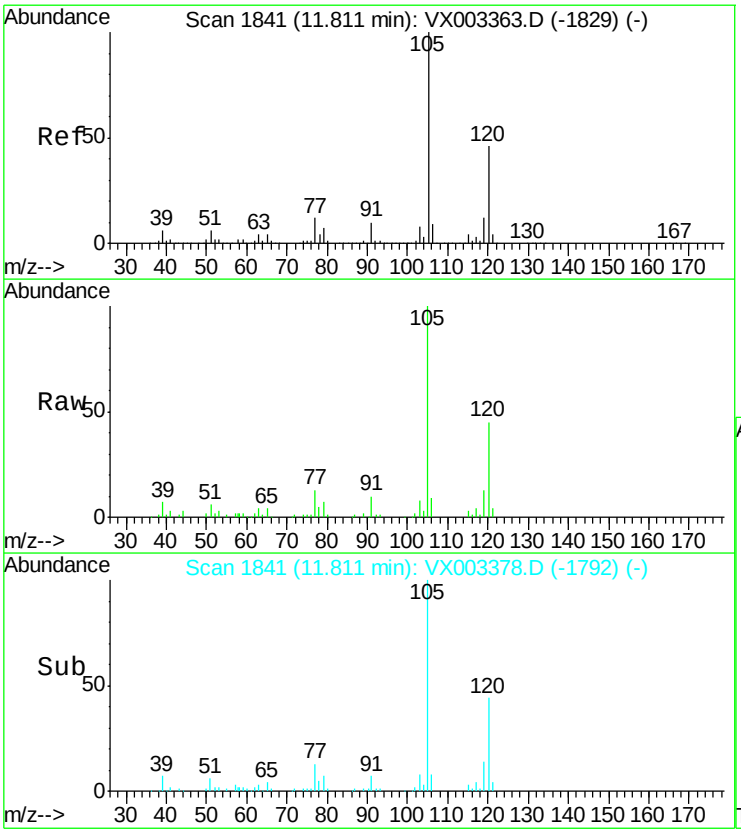
#81
trans-1,4-Dichloro-2-butene
Concen: 78.16 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion: 75 Resp: 99743

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#

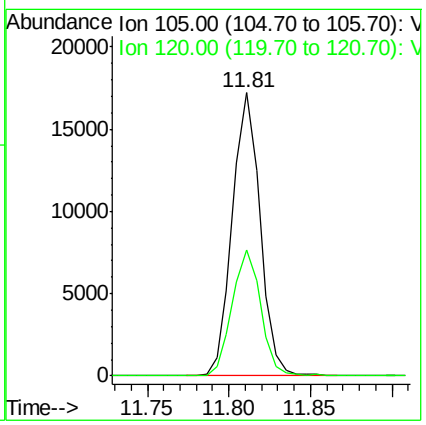


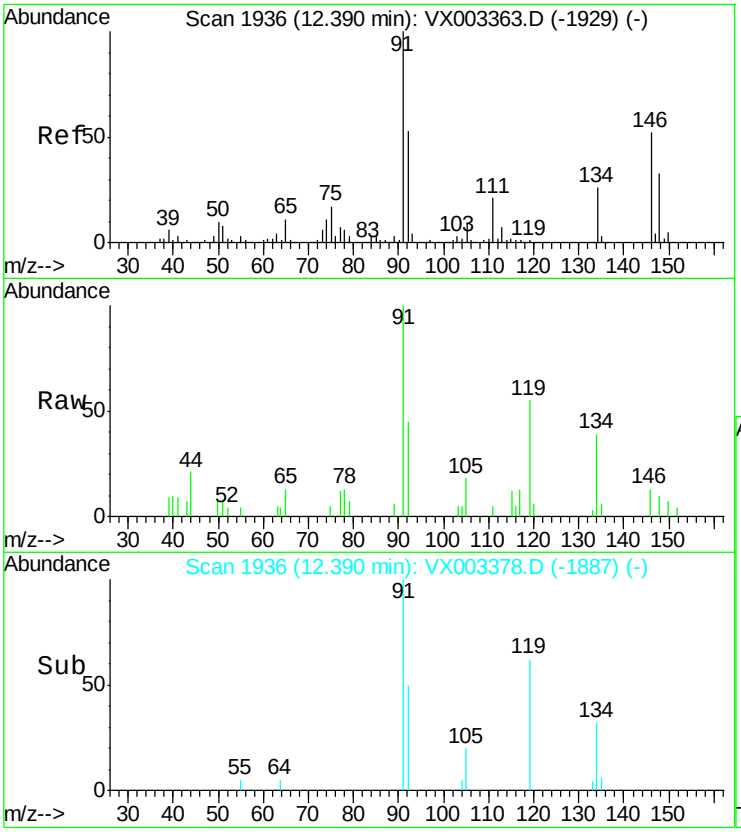


#84
1,2,4-Trimethylbenzene
Concen: 1.64 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion:105 Resp: 20517

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.3	66.8



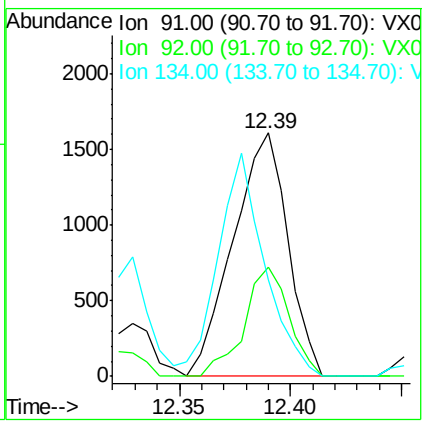


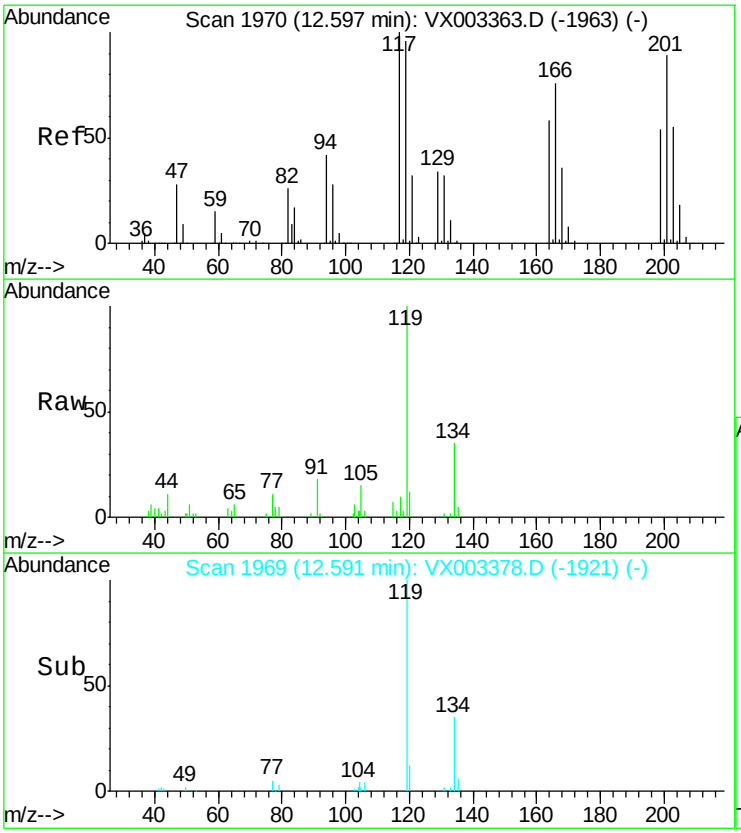
#89
n-Butylbenzene
Concen: 0.25 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument : MSVOA_X
ClientSampleId : HR-05-071218-A

Tgt Ion: 91 Resp: 2745

Ion	Ratio	Lower	Upper
91	100		
92	37.0	26.0	78.0
134	78.3	13.5	40.5#

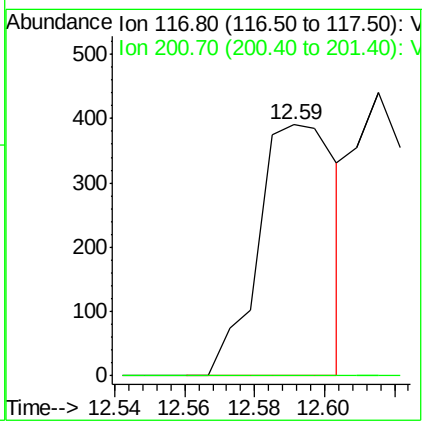


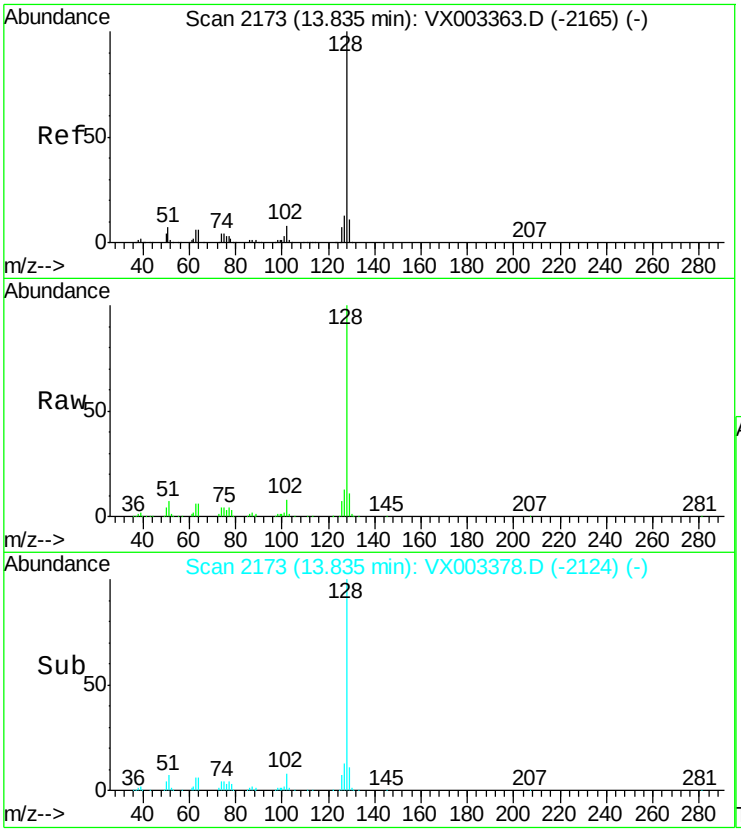


#90
Hexachloroethane
Concen: 0.31 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Tgt Ion:117 Resp: 606

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#95
Naphthalene
Concen: 4.48 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003378.D
Acq: 13 Jul 2018 22:54

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-A

Tgt Ion:128 Resp: 67541

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.6	13.0