Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003376.D
Acq On : 13 Jul 2018 22:01
Operator : JC/MD
Sample : J3821-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 14 02:48:27 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	272189	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	404593	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	375729	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206165	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	179722	60.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 121.28%				
35) Dibromofluoromethane	5.51	113	152372	51.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.34%				
50) Toluene-d8	8.72	98	583492	60.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 120.16%				
62) 4-Bromofluorobenzene	11.14	95	196421	47.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.74%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	171	Below Cal			88
3) Chloromethane	1.32	50	1409	Below Cal			96
5) Bromomethane	1.65	94	2860	1.44	ug/l		97
6) Chloroethane	1.75	64	669	Below Cal			99
8) Diethyl Ether	2.19	74	1466	0.65	ug/l		99
10) Methyl Iodide	2.52	142	3307	1.00	ug/l		94
11) Tert butyl alcohol	3.06	59	438	0.55	ug/l		96
13) Acrolein	2.29	56	179	Below Cal	#		46
16) Acetone	2.45	43	26238	17.17	ug/l	#	85
17) Carbon Disulfide	2.57	76	2017	0.27	ug/l		98
18) Methyl Acetate	2.78	43	24445	5.15	ug/l		97
20) Methylene Chloride	2.86	84	37281	10.42	ug/l		88
25) 2-Butanone	4.71	43	3326	1.40	ug/l		96
29) Tetrahydrofuran	5.18	42	1123	0.74	ug/l	#	83
30) Chloroform	5.21	83	5537	0.94	ug/l		85
36) 1,1-Dichloropropene	5.67	75	18024	4.19	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	24196	5.52	ug/l	#	15
47) Bromodichloromethane	7.90	83	1688	0.39	ug/l		94
51) 4-Methyl-2-Pentanone	8.66	43	1208	0.25	ug/l		94
52) Toluene	8.79	92	2618	0.31	ug/l		95
64) Tetrachloroethene	9.34	164	886	0.22	ug/l		92
67) Ethyl Benzene	10.26	91	9108	0.58	ug/l		96
68) m/p-Xylenes	10.36	106	9914	1.64	ug/l		98
69) o-Xylene	10.70	106	3376	0.57	ug/l		91
76) 1,2,3-Trichloropropane	11.14	75	96900	23.79	ug/l	#	33
78) n-propylbenzene	11.37	91	3302	0.20	ug/l		96
80) 1,3,5-Trimethylbenzene	11.51	105	5540	0.47	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	96900	79.32	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	18709	1.56	ug/l		97
89) n-Butylbenzene	12.39	91	2863	0.27	ug/l	#	52
90) Hexachloroethane	12.59	117	590	0.31	ug/l	#	1
95) Naphthalene	13.83	128	99681	6.91	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
Data File : VX003376.D
Acq On : 13 Jul 2018 22:01
Operator : JC/MD
Sample : J3821-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 14 02:48:27 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)

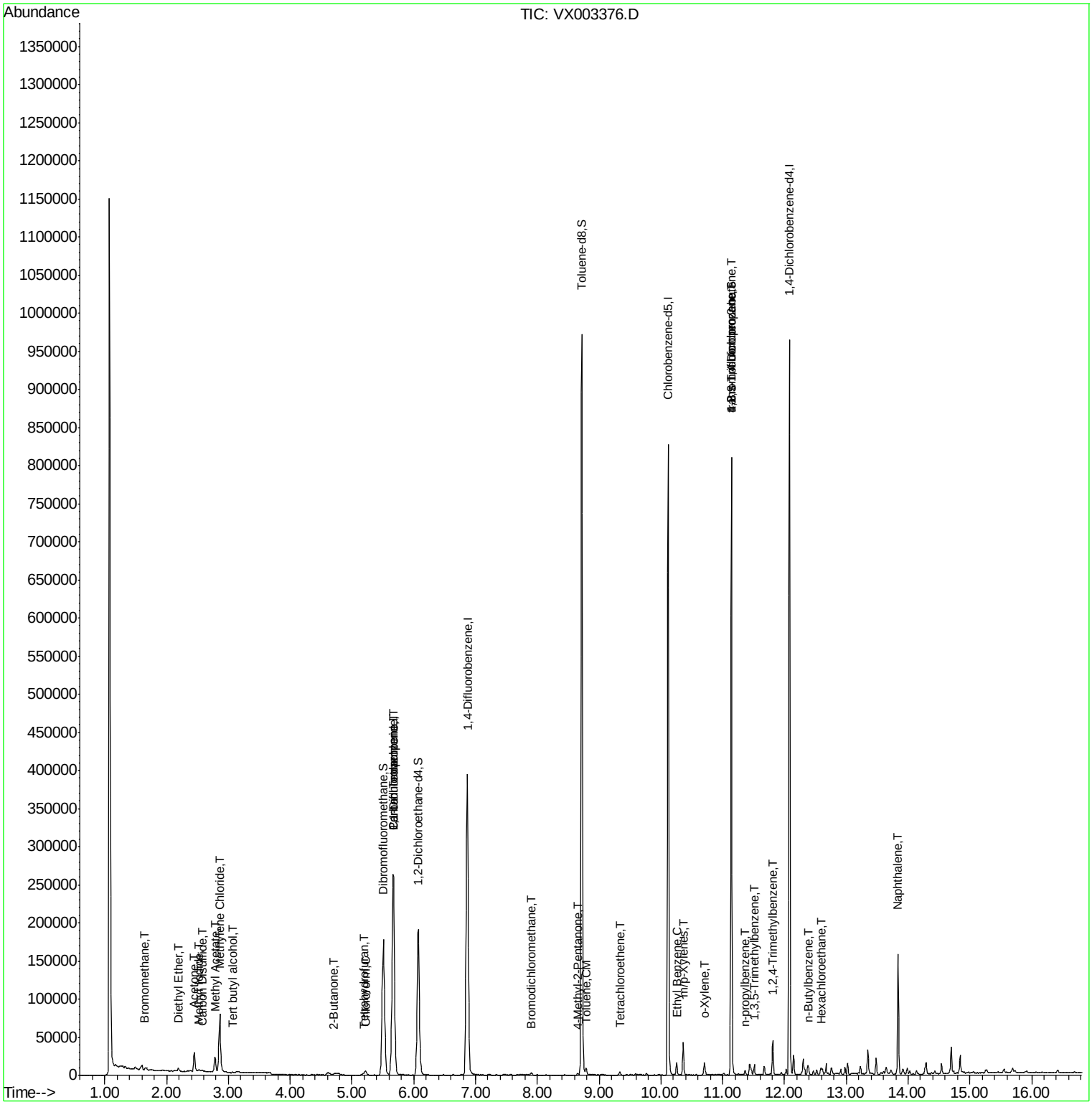
(#) = qualifier out of range (m) = manual integration (+) = signals summed

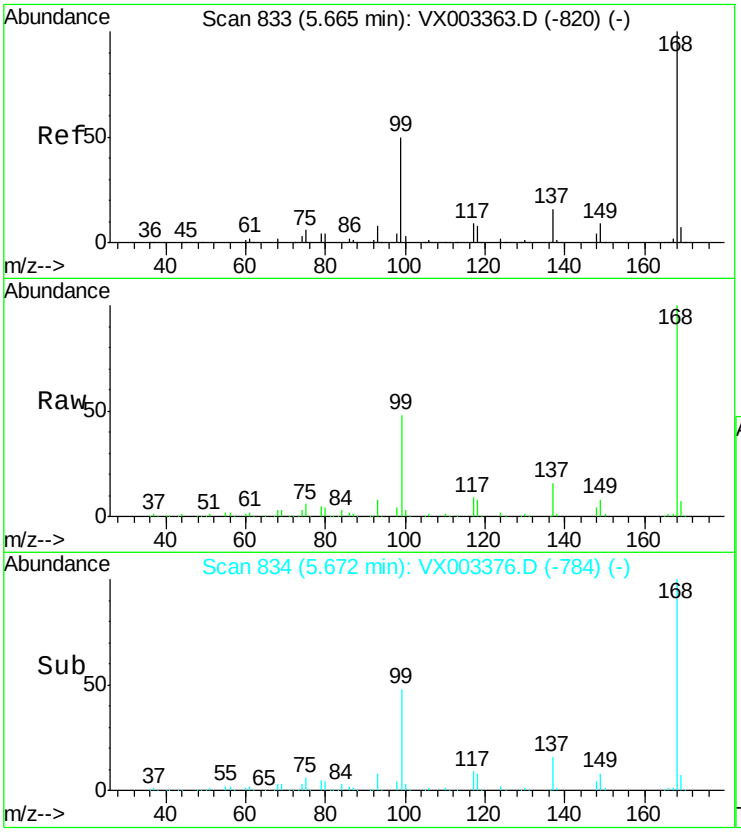
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003376.D
Acq On : 13 Jul 2018 22:01
Operator : JC/MD
Sample : J3821-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jul 14 02:48:27 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



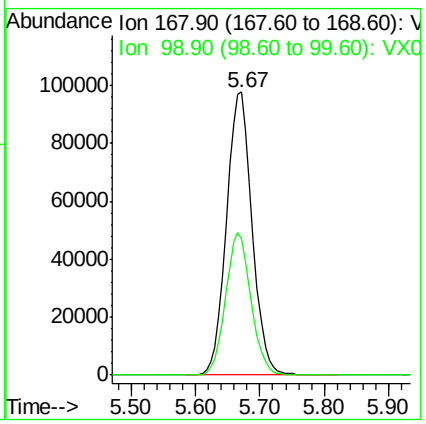


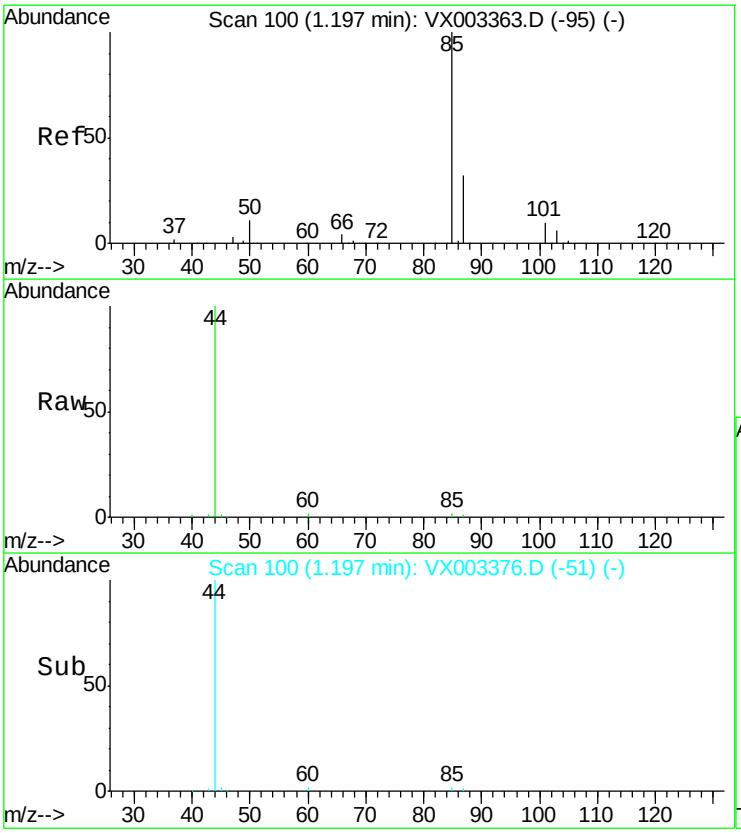
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion:168 Resp: 272189

Ion	Ratio	Lower	Upper
168	100		
99	48.0	39.3	58.9

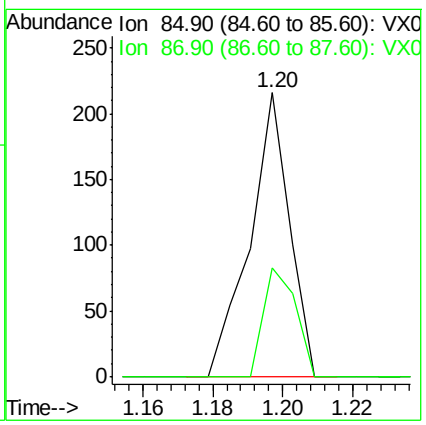


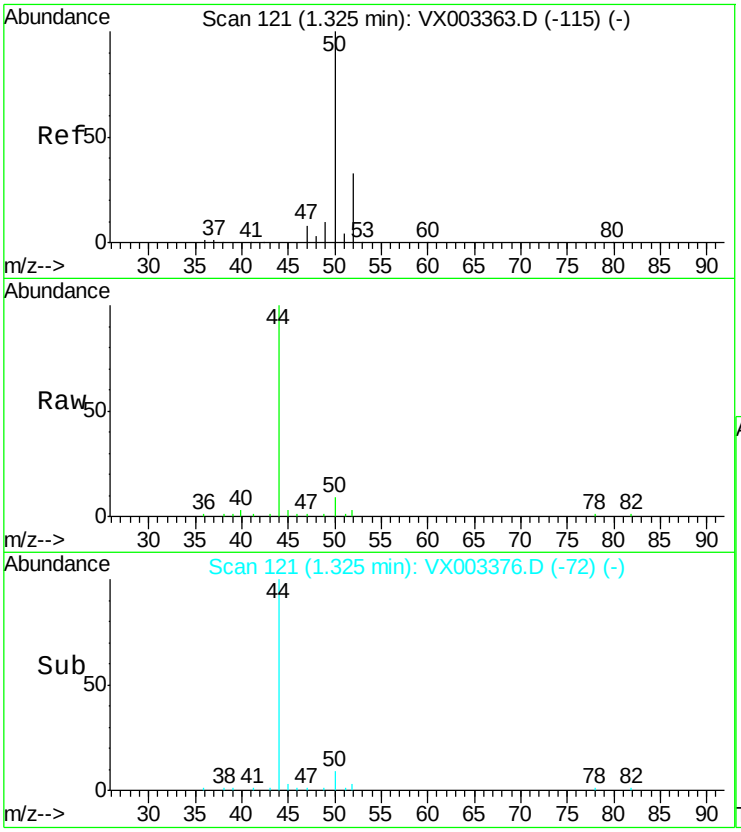


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 85 Resp: 171

Ion	Ratio	Lower	Upper
85	100		
87	38.4	16.0	47.9



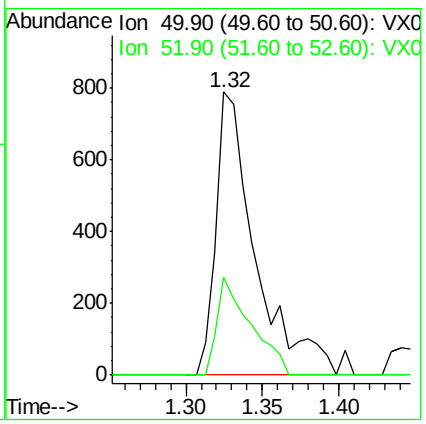


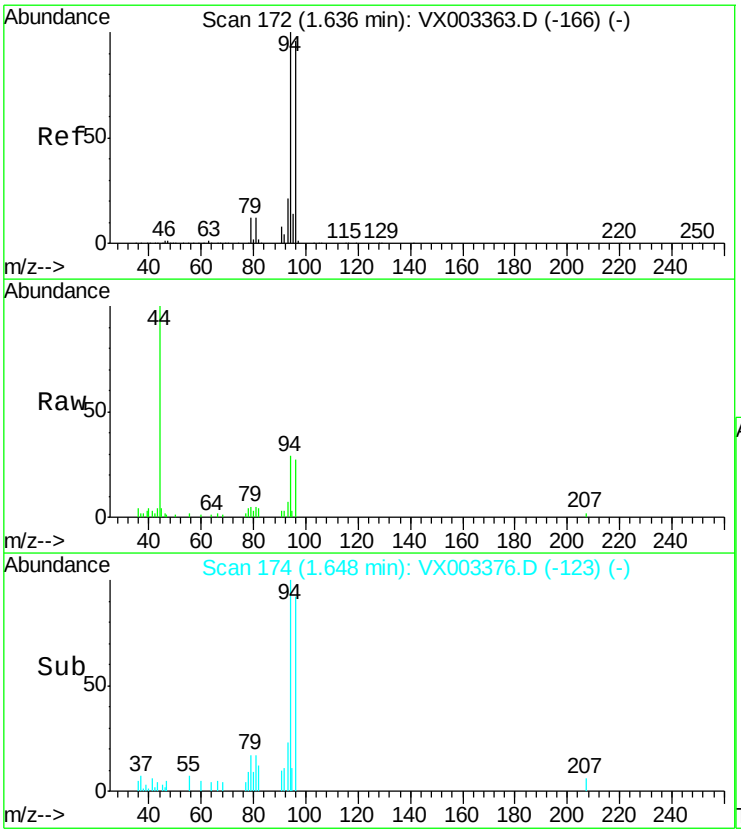
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 50 Resp: 1409

Ion	Ratio	Lower	Upper
50	100		
52	34.6	25.7	38.5

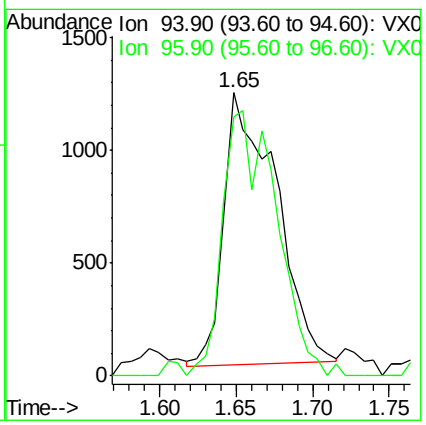


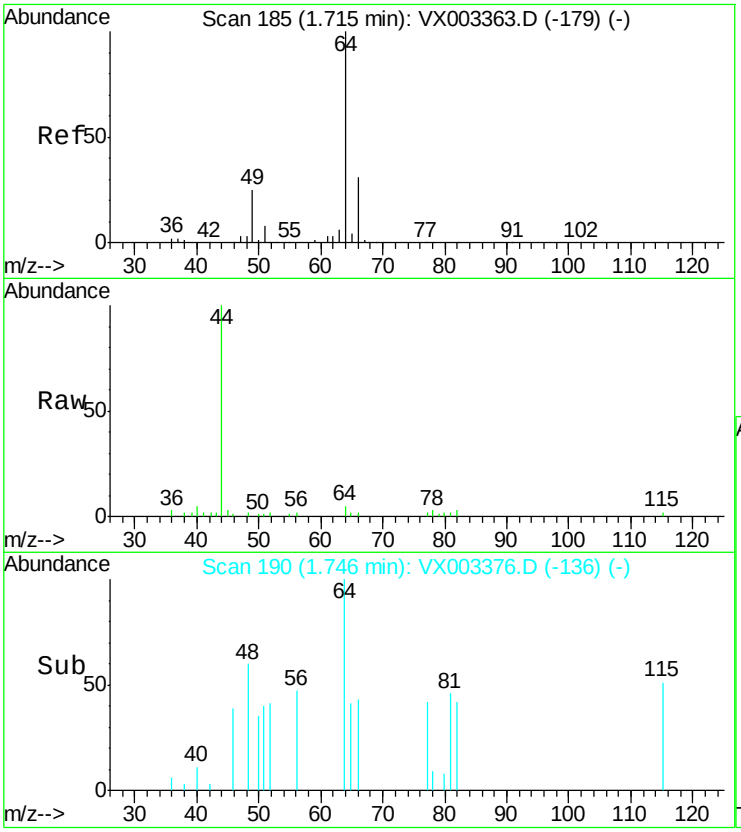


#5
Bromomethane
Concen: 1.44 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 94 Resp: 2860

Ion	Ratio	Lower	Upper
94	100		
96	96.8	74.9	112.3



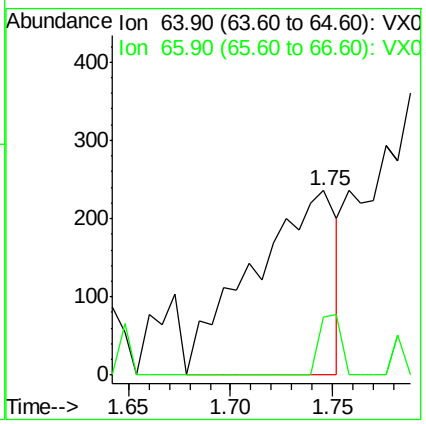


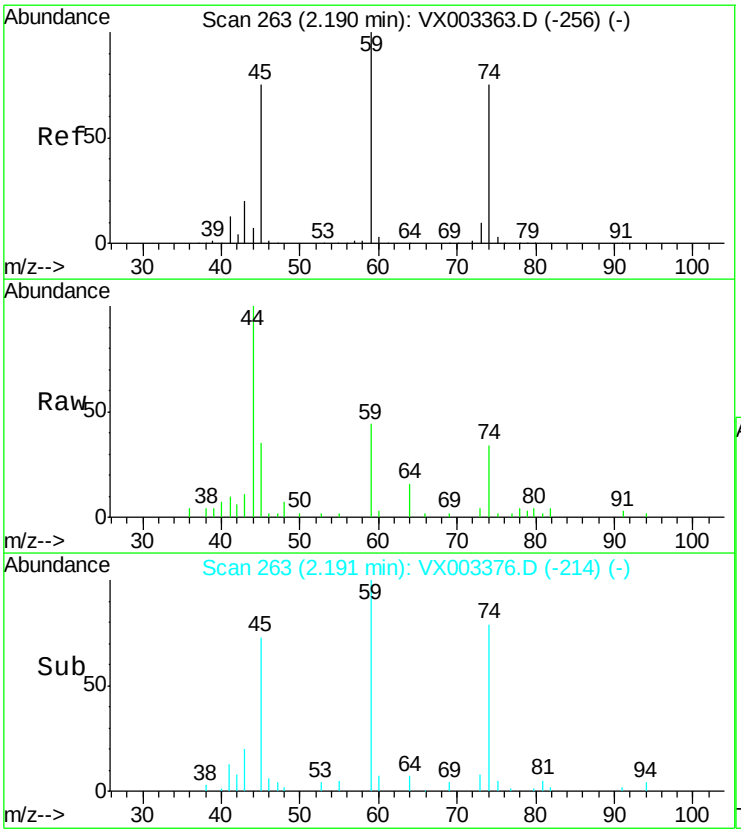
#6
Chloroethane
Concen: Below Cal
RT: 1.75 min Scan# 190
Delta R.T. 0.03 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 64 Resp: 669

Ion	Ratio	Lower	Upper
64	100		
66	31.4	25.5	38.3

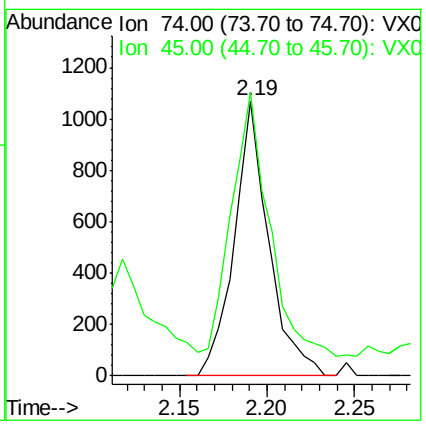


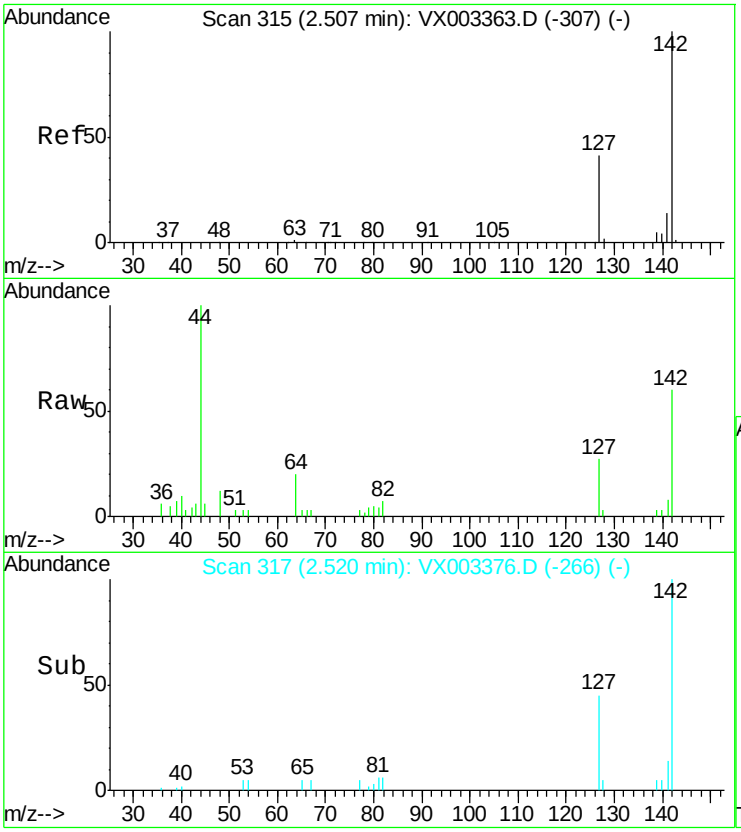


#8
Diethyl Ether
Concen: 0.65 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 74 Resp: 1466

Ion	Ratio	Lower	Upper
74	100		
45	104.8	53.1	159.4



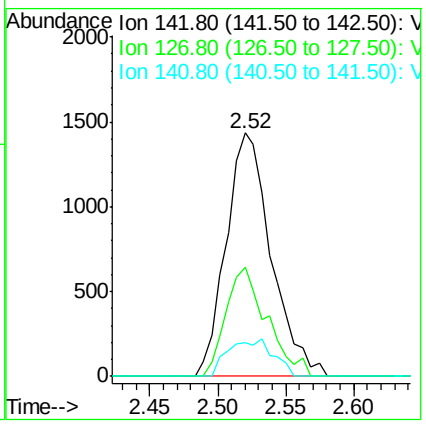


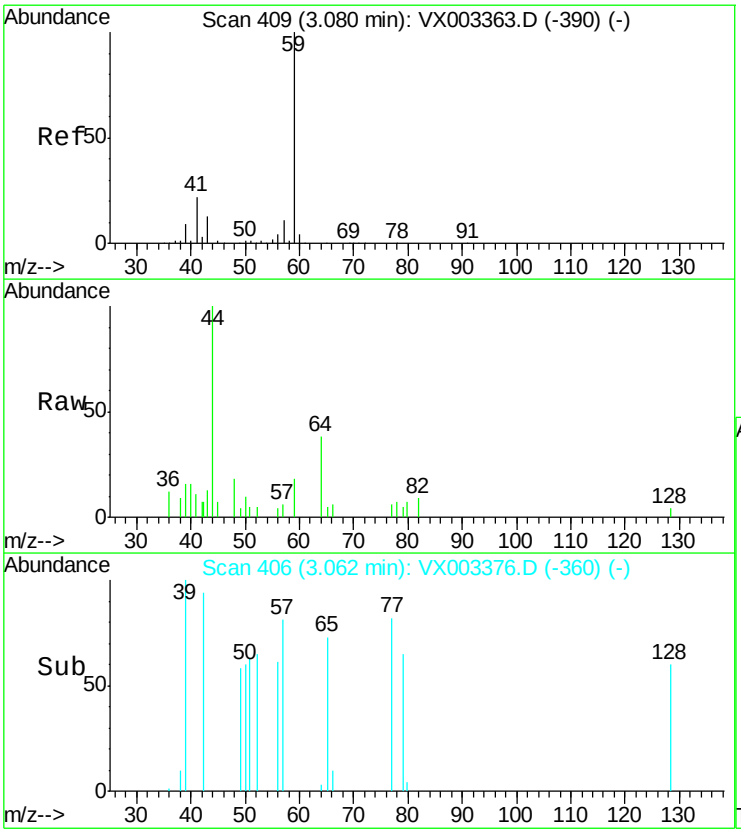
#10
Methyl Iodide
Concen: 1.00 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion:142 Resp: 3307

Ion	Ratio	Lower	Upper
142	100		
127	40.8	36.6	55.0
141	15.3	11.3	16.9

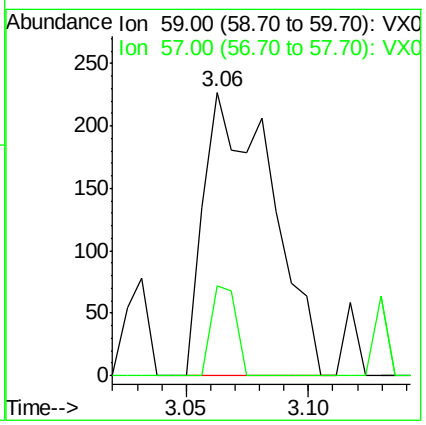


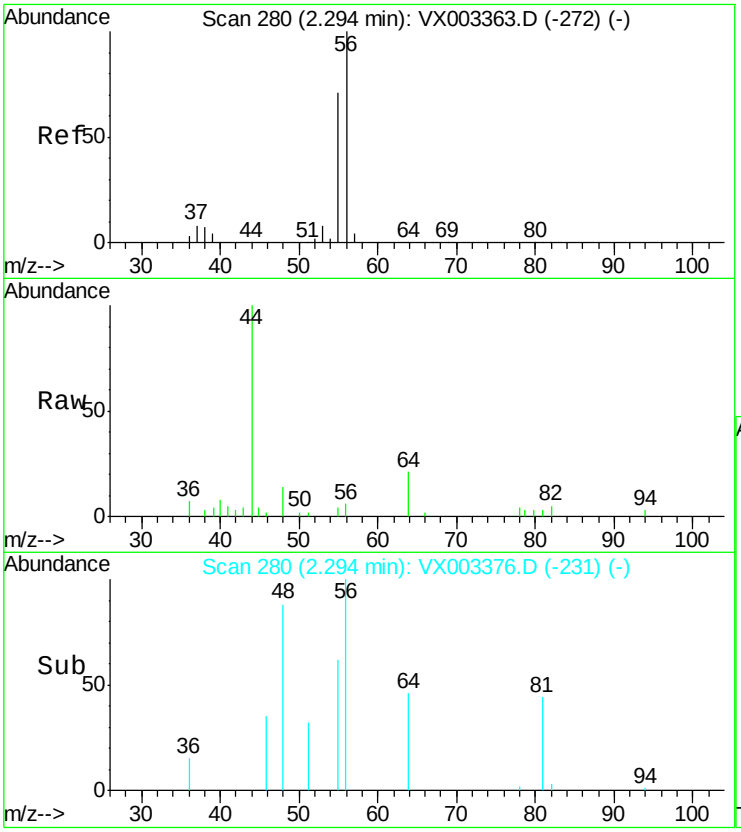


#11
Tert butyl alcohol
Concen: 0.55 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 59 Resp: 438

Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.2	12.2



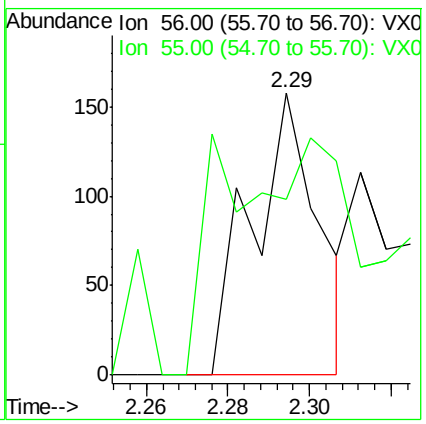


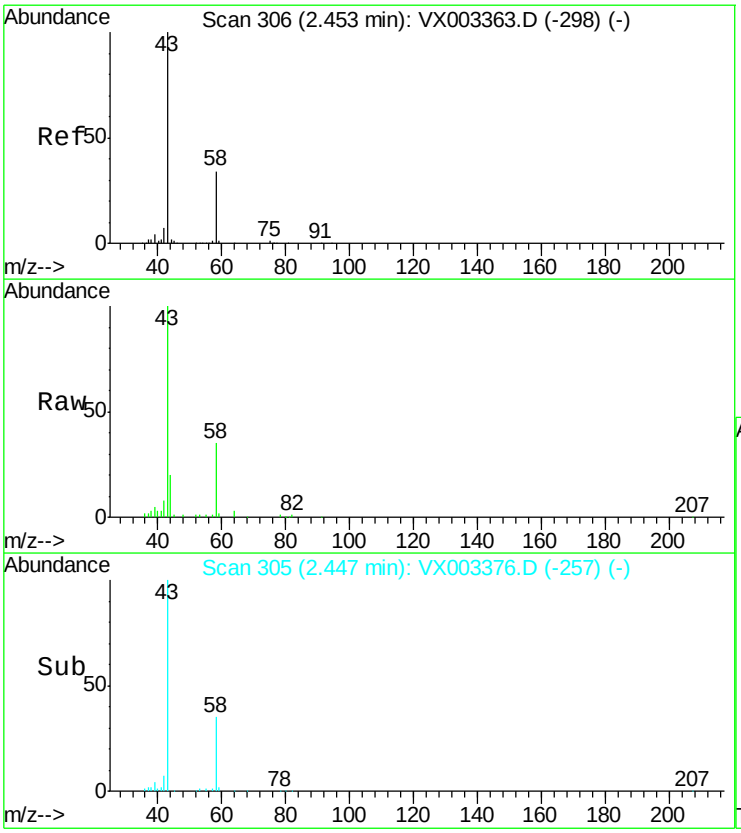
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 56 Resp: 179

Ion	Ratio	Lower	Upper
56	100		
55	26.8	57.0	85.4#

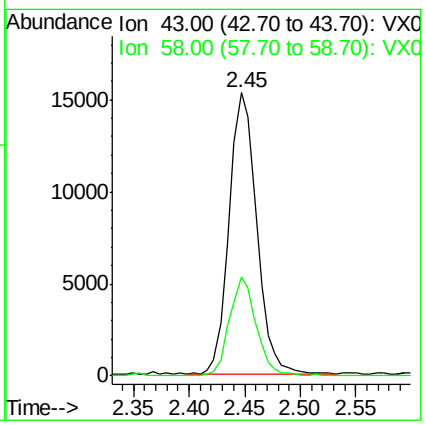


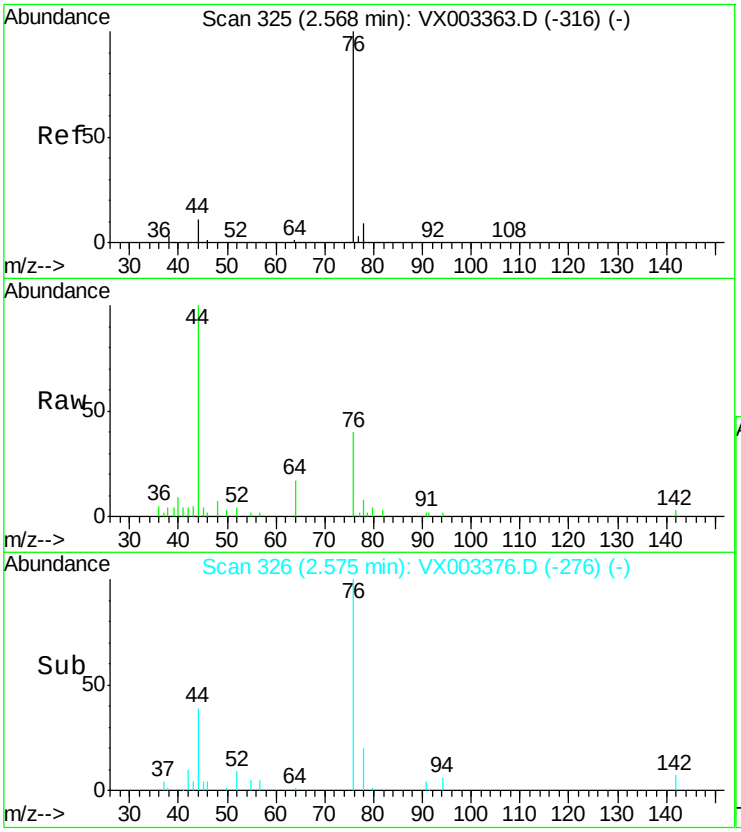


#16
Acetone
Concen: 17.17 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 43 Resp: 26238

Ion	Ratio	Lower	Upper
43	100		
58	35.5	22.1	33.1#



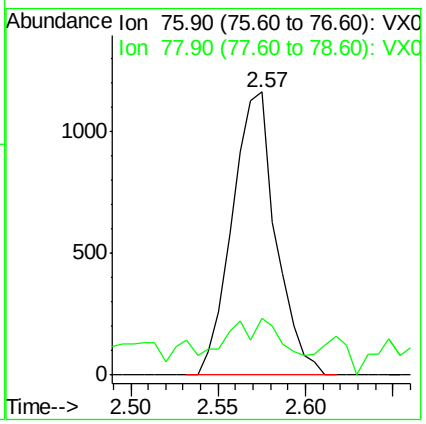


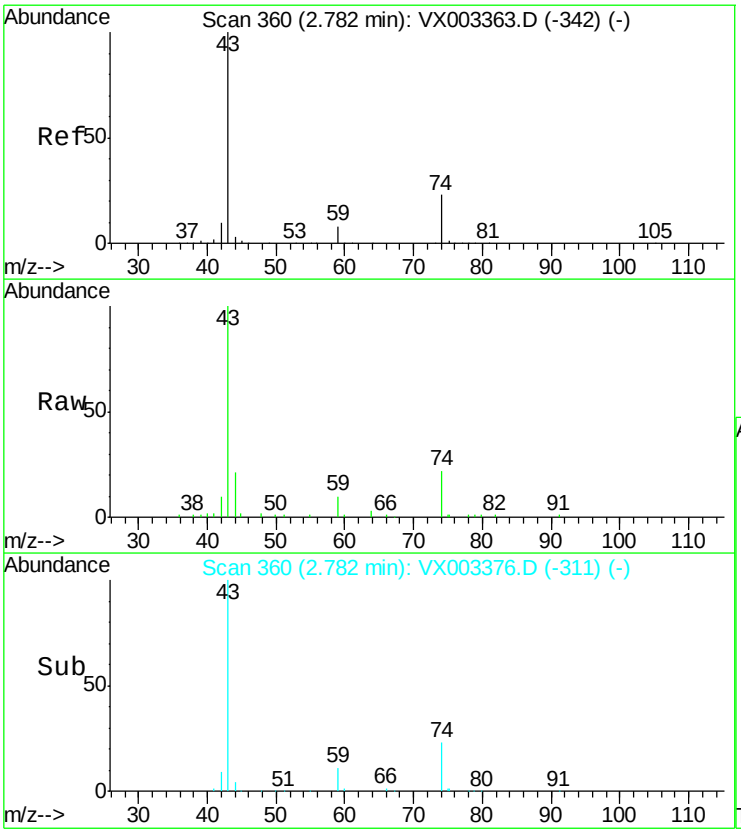
#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 76 Resp: 2017

Ion	Ratio	Lower	Upper
76	100		
78	7.9	6.9	10.3

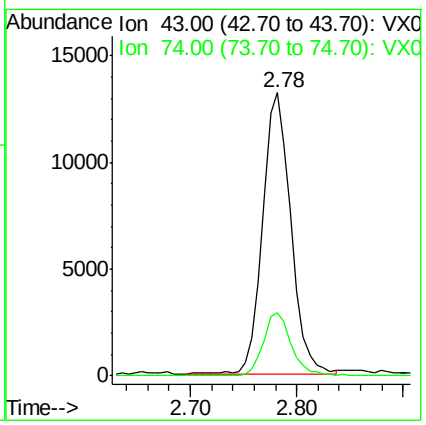


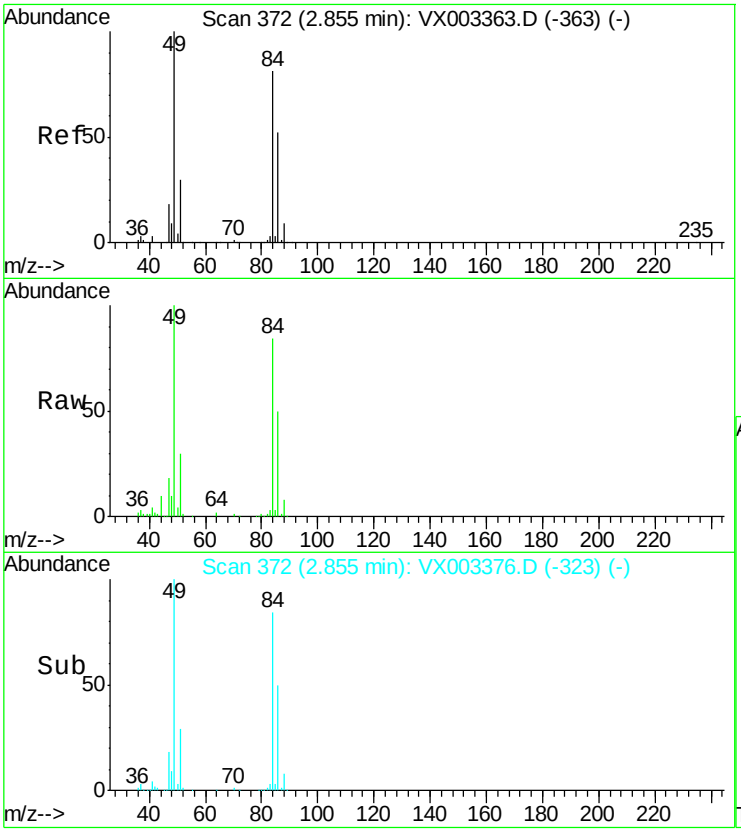


#18
Methyl Acetate
Concen: 5.15 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 43 Resp: 24445

Ion	Ratio	Lower	Upper
43	100		
74	22.3	16.7	25.1



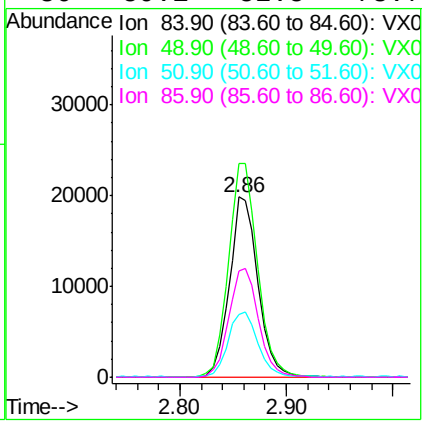


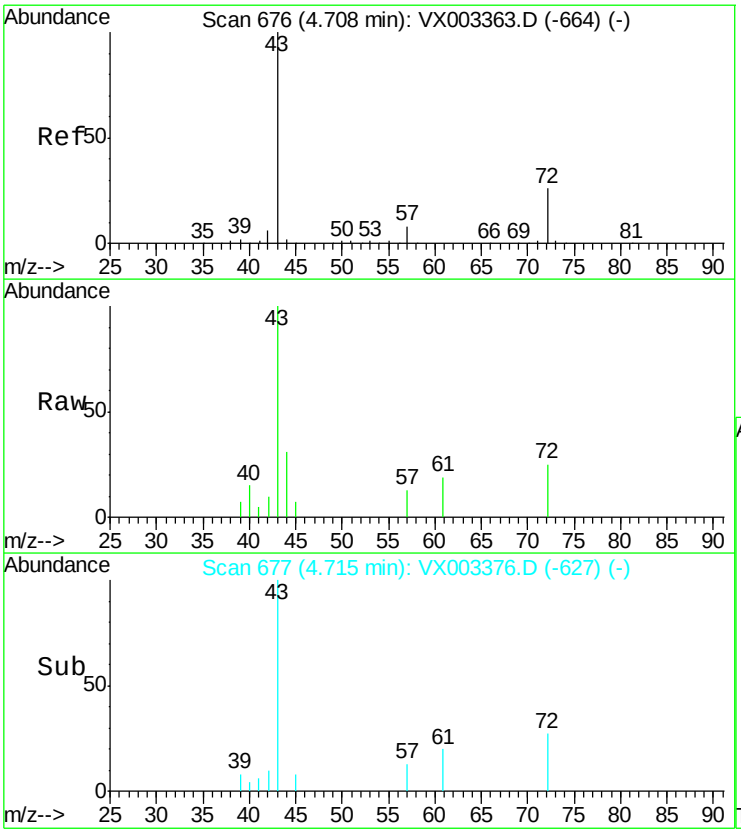
#20
Methylene Chloride
Concen: 10.42 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 84 Resp: 37281

Ion	Ratio	Lower	Upper
84	100		
49	118.4	107.8	161.6
51	35.0	32.8	49.2
86	59.1	52.5	78.7

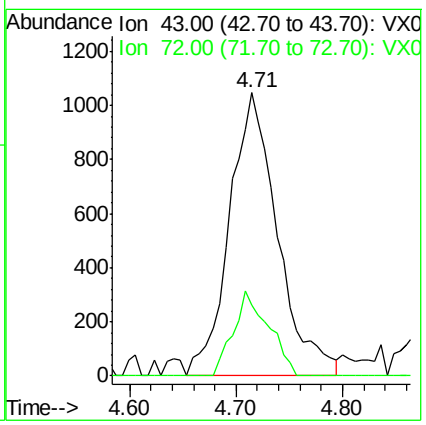


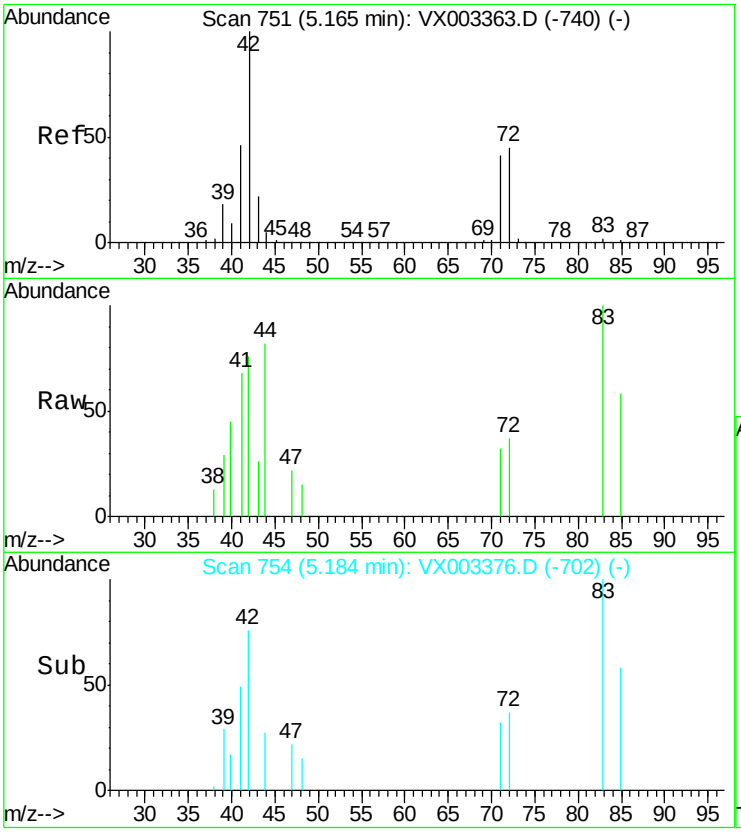


#25
2-Butanone
Concen: 1.40 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 43 Resp: 3326

Ion	Ratio	Lower	Upper
43	100		
72	25.2	18.5	27.7



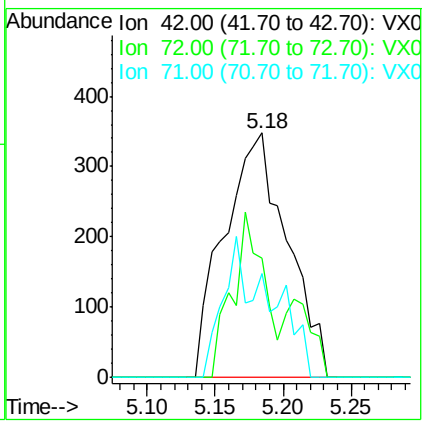


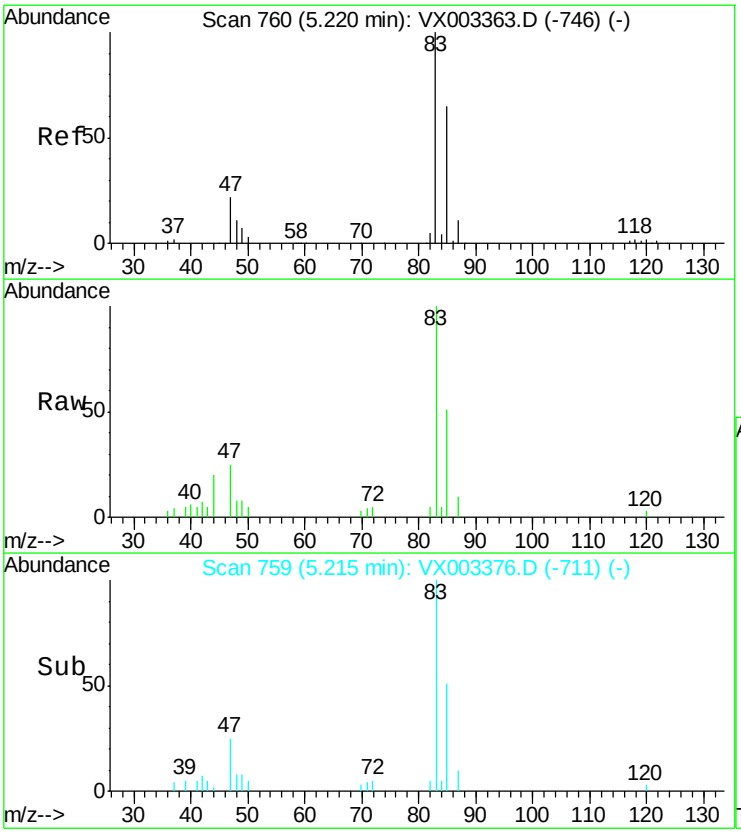
#29
Tetrahydrofuran
Concen: 0.74 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 42 Resp: 1123

Ion	Ratio	Lower	Upper
42	100		
72	34.0	32.0	48.0
71	23.0	30.1	45.1#

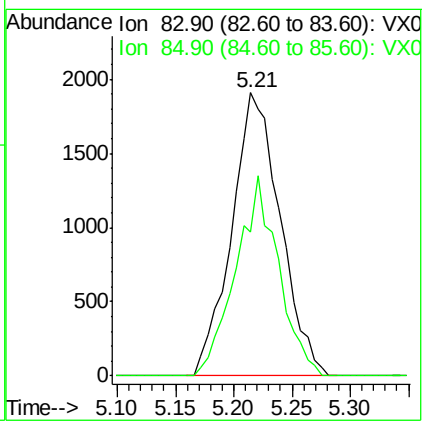


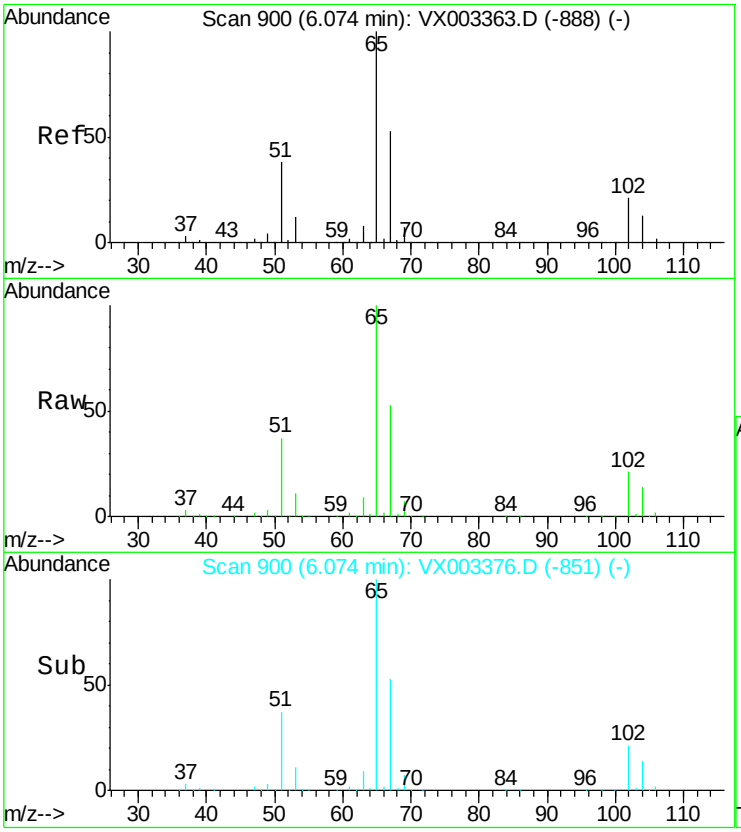


#30
Chloroform
Concen: 0.94 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 83 Resp: 5537

Ion	Ratio	Lower	Upper
83	100		
85	51.0	50.4	75.6



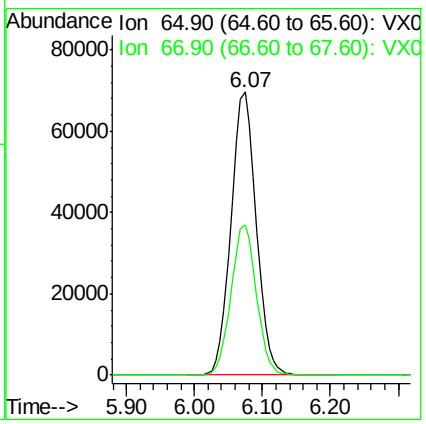


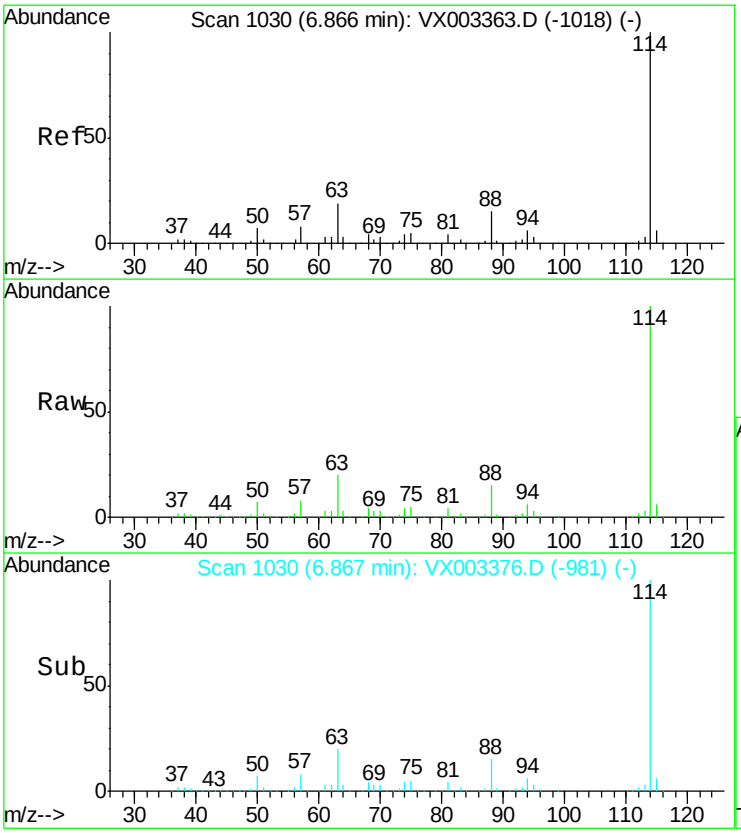
#33
1,2-Dichloroethane-d4
Concen: 60.64 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 65 Resp: 179722

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	102.6

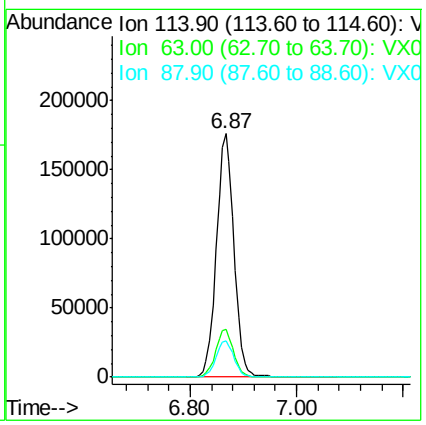


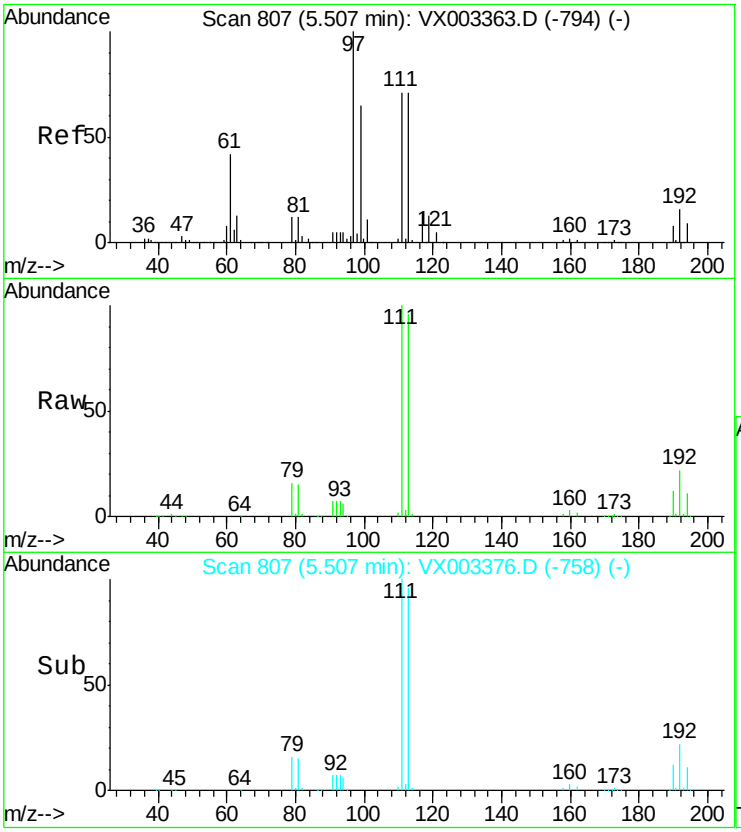


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion:114 Resp: 404593

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.4
88	15.0	0.0	30.0



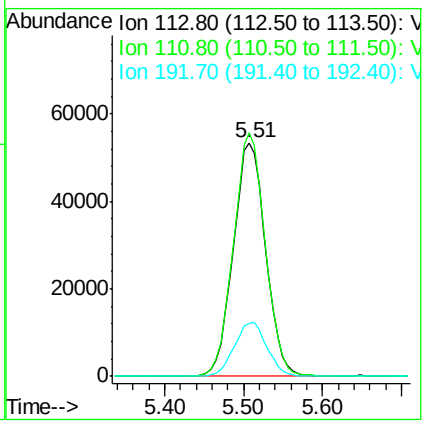


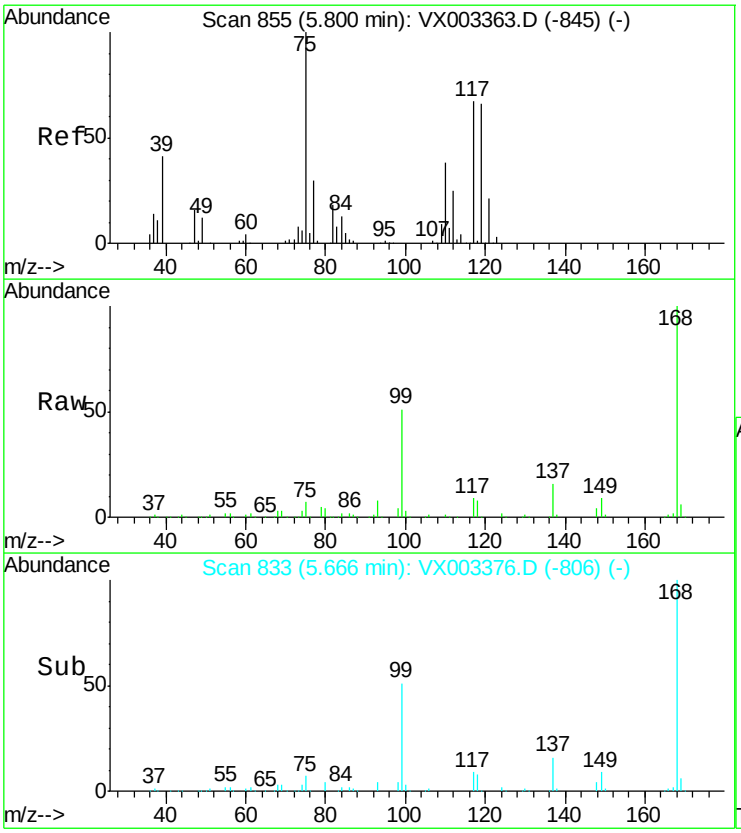
#35
Dibromofluoromethane
Concen: 51.17 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion:113 Resp: 152372

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	23.4	19.1	28.7

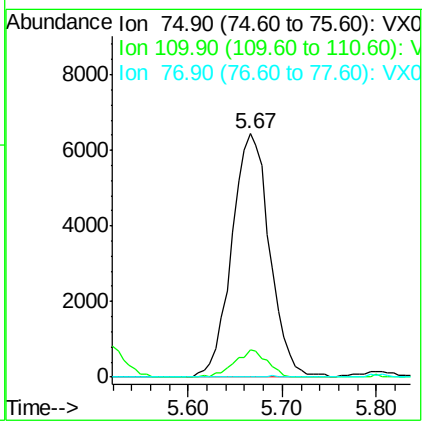


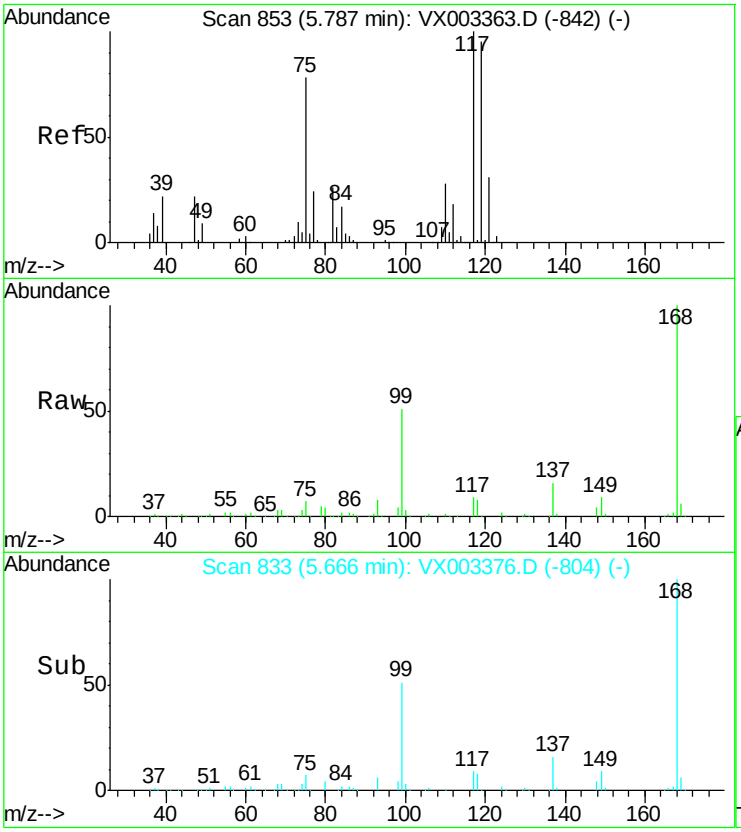


#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 75 Resp: 18024

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	24.3	36.5#



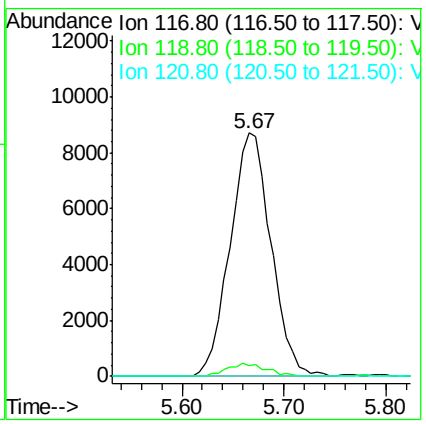


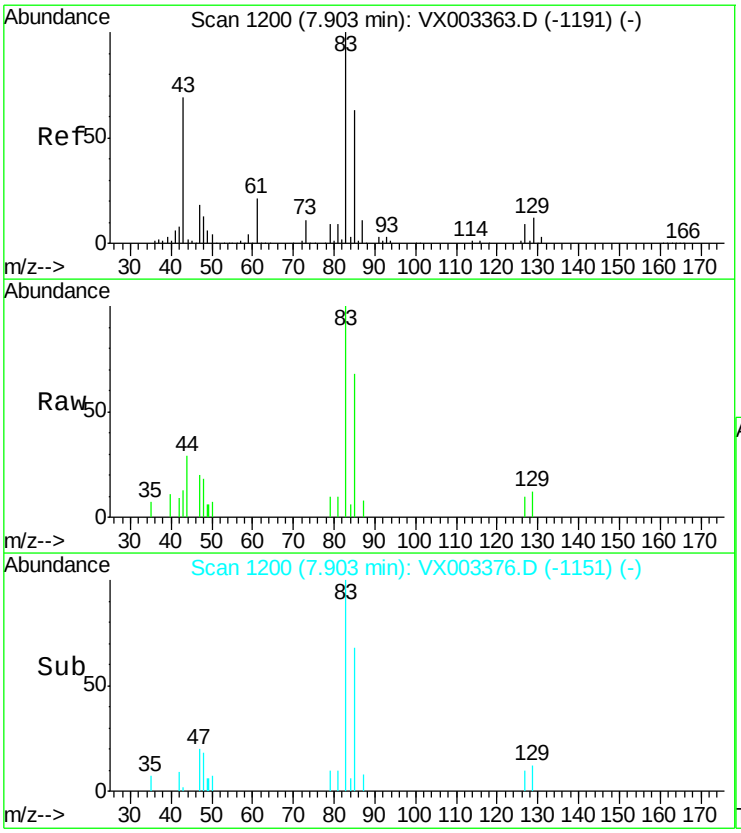
#38
Carbon Tetrachloride
Concen: 5.52 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion:117 Resp: 24196

Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.4	116.0#
121	0.0	24.4	36.6#

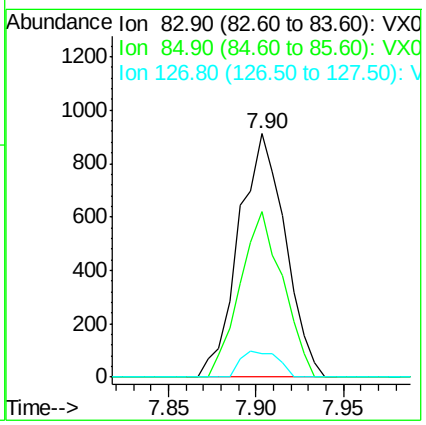


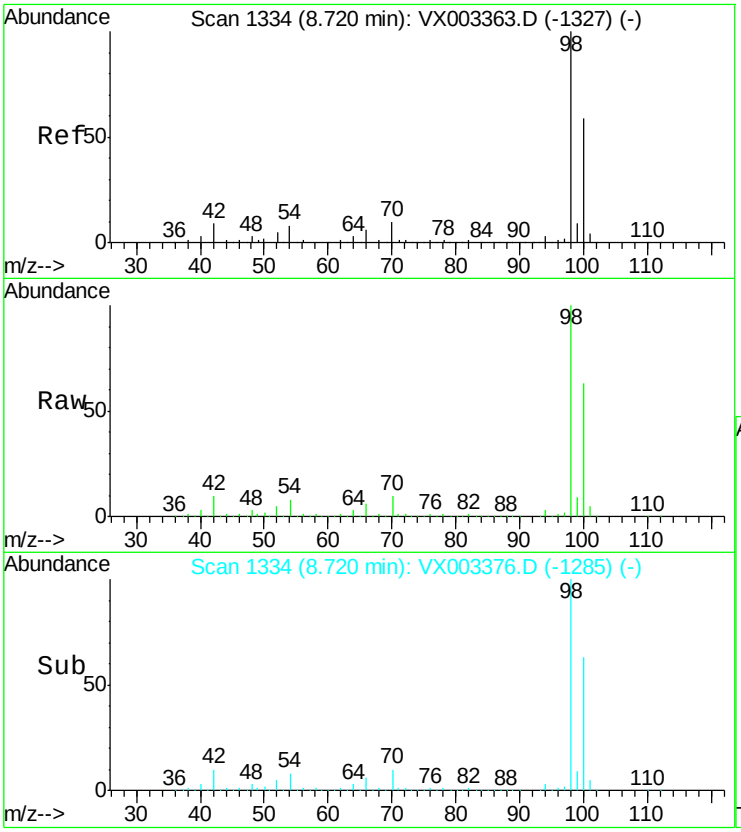


#47
Bromodichloromethane
Concen: 0.39 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 83 Resp: 1688

Ion	Ratio	Lower	Upper
83	100		
85	68.1	50.3	75.5
127	9.6	7.0	10.4



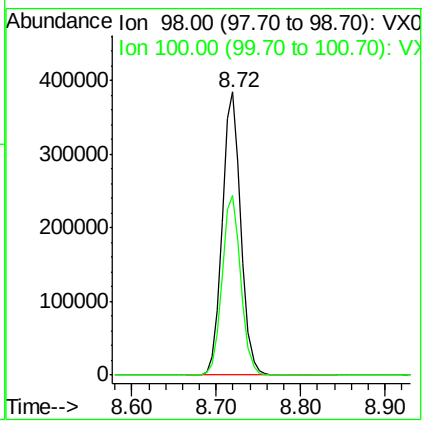


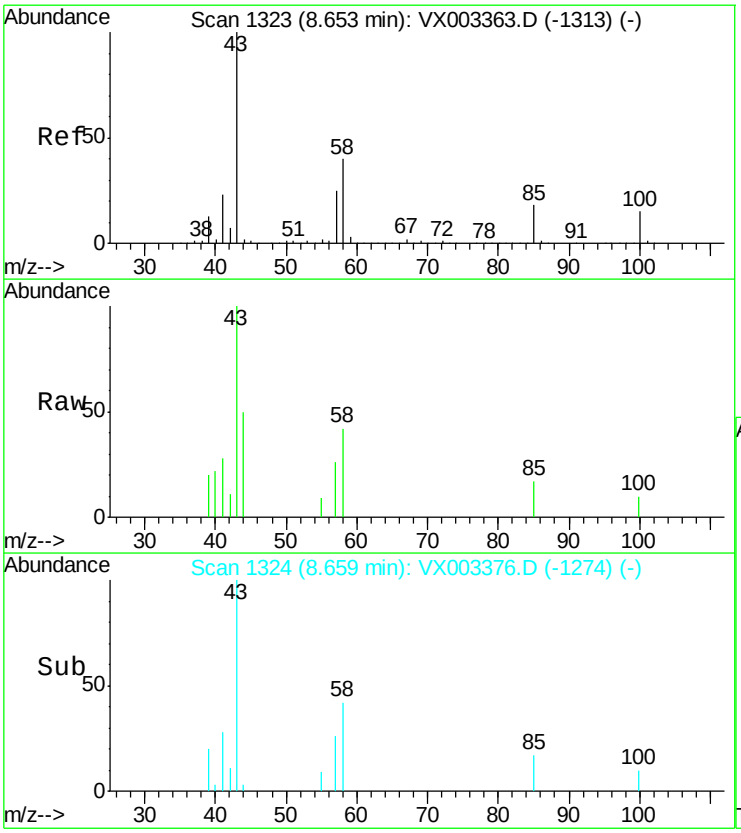
#50
Toluene-d8
Concen: 60.08 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 98 Resp: 583492

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3

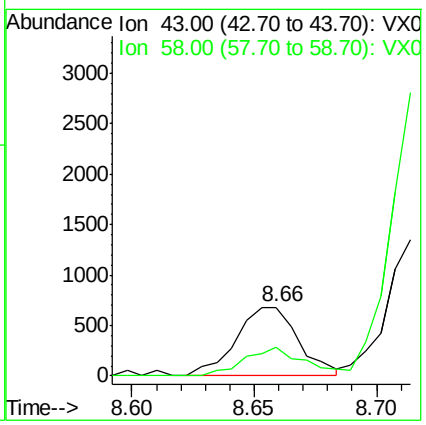


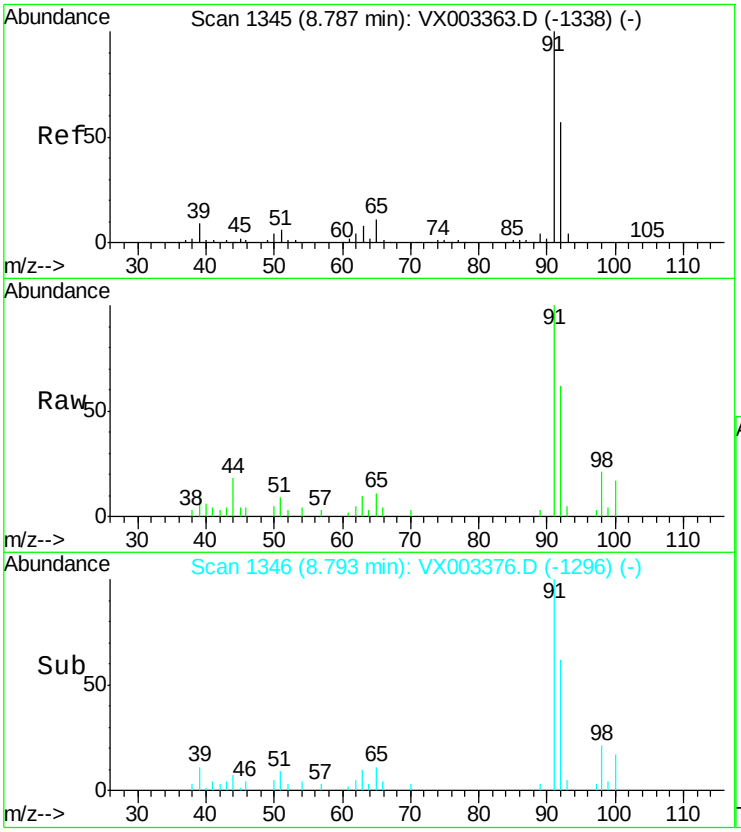


#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 43 Resp: 1208

Ion	Ratio	Lower	Upper
43	100		
58	39.5	28.6	42.8



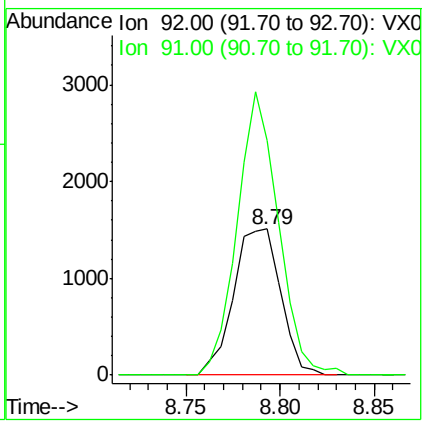


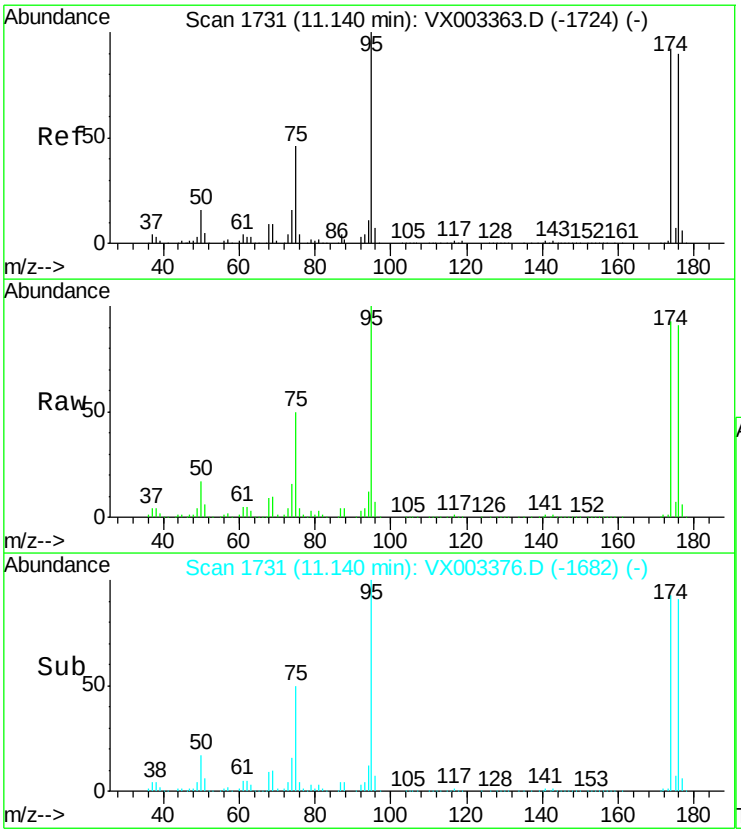
#52
Toluene
Concen: 0.31 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 92 Resp: 2618

Ion	Ratio	Lower	Upper
92	100		
91	168.9	140.4	210.6

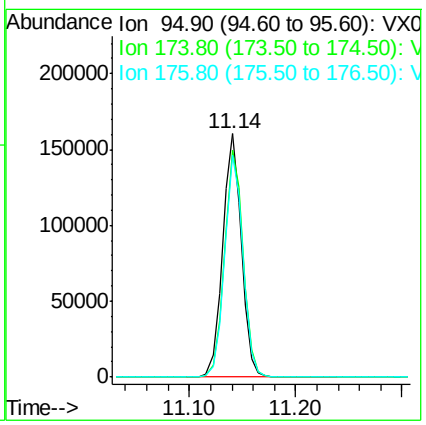


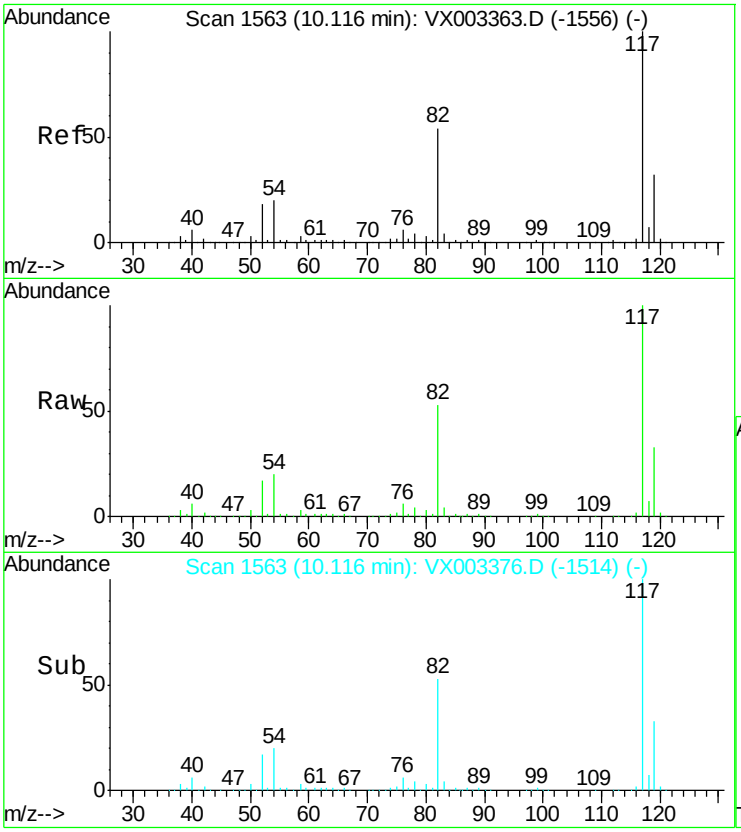


#62
4-Bromofluorobenzene
Concen: 47.37 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 95 Resp: 196421

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	187.4
176	90.3	0.0	181.0



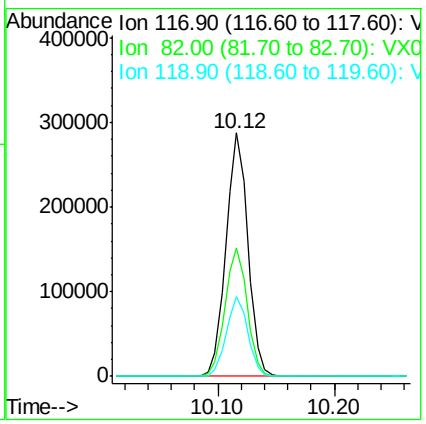


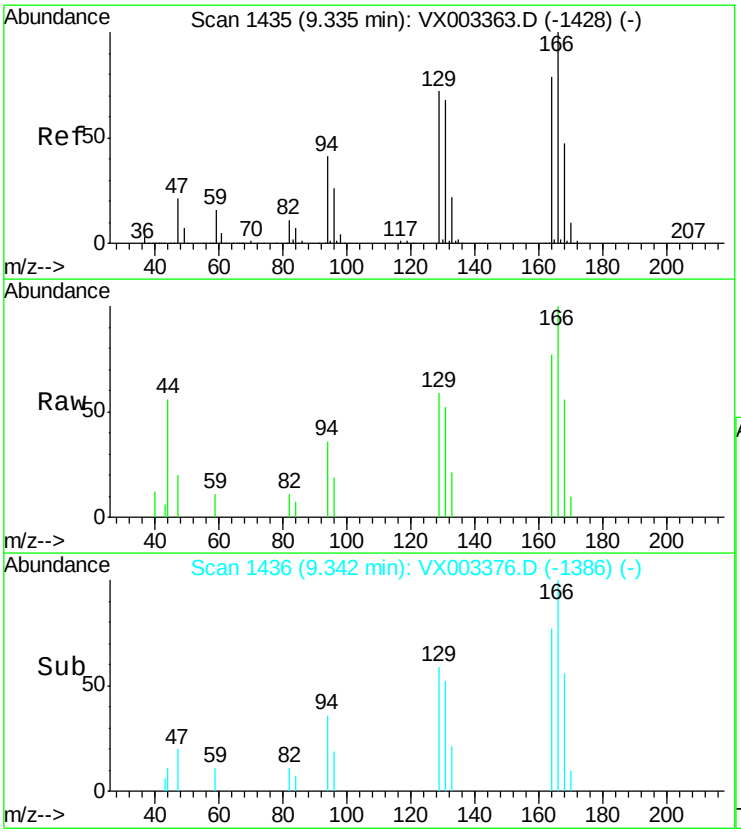
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion:117 Resp: 375729

Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.0	67.4
119	32.5	25.8	38.6

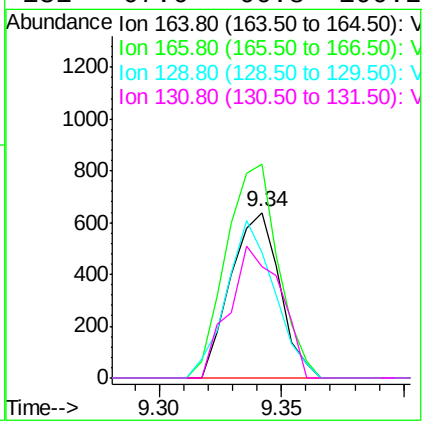


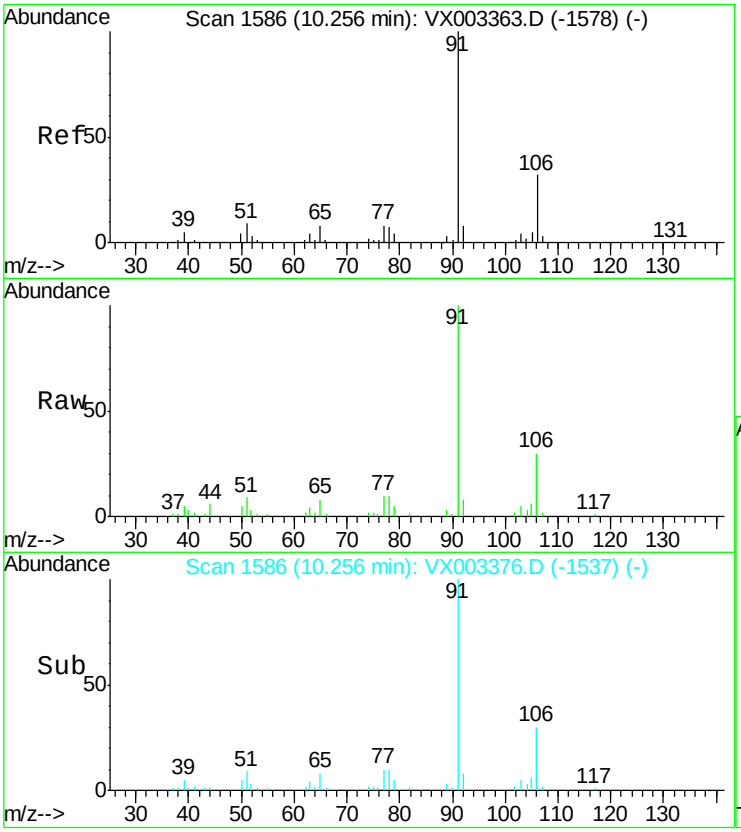


#64
Tetrachloroethene
Concen: 0.22 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion:164 Resp: 886

Ion	Ratio	Lower	Upper
164	100		
166	129.3	102.9	154.3
129	76.2	68.6	102.8
131	67.6	66.8	100.2



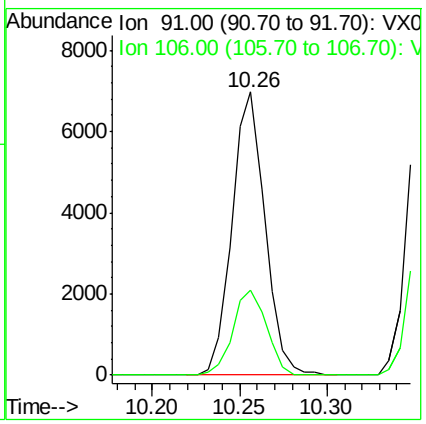


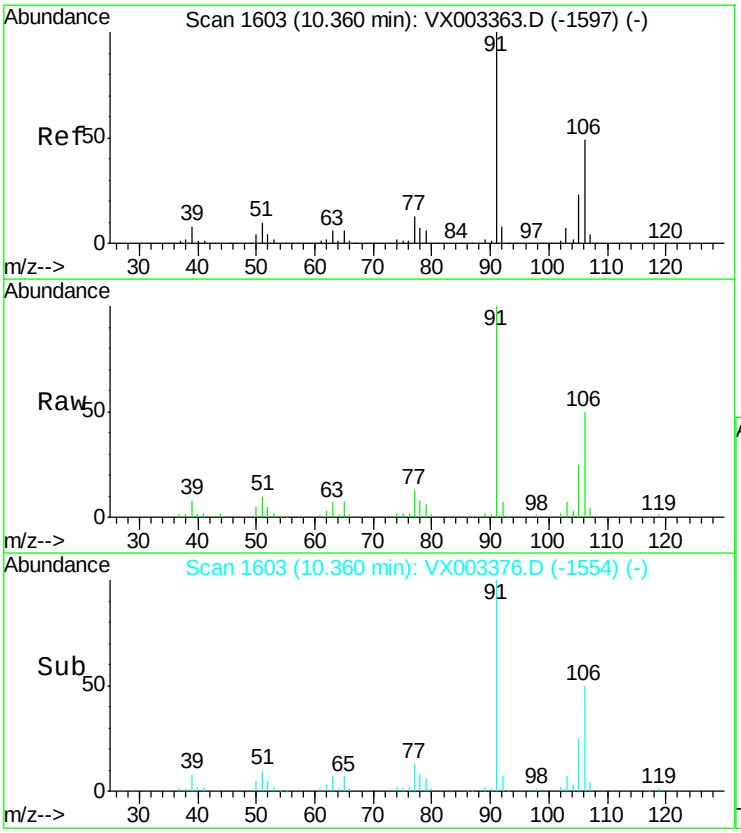
#67
Ethyl Benzene
Concen: 0.58 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 91 Resp: 9108

Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.5	38.3

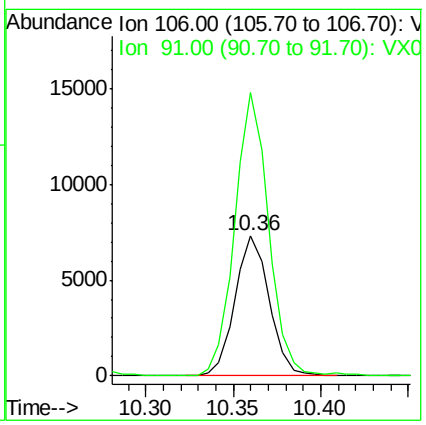


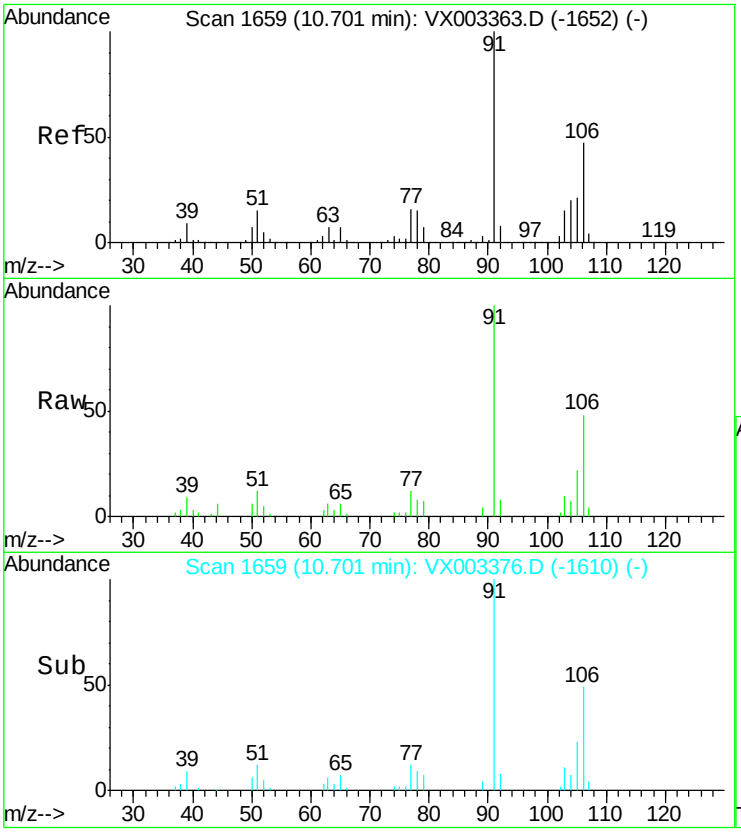


#68
m/p-Xylenes
Concen: 1.64 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion:106 Resp: 9914

Ion	Ratio	Lower	Upper
106	100		
91	200.5	163.4	245.2



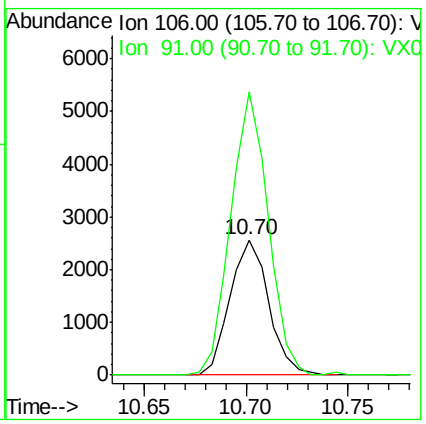


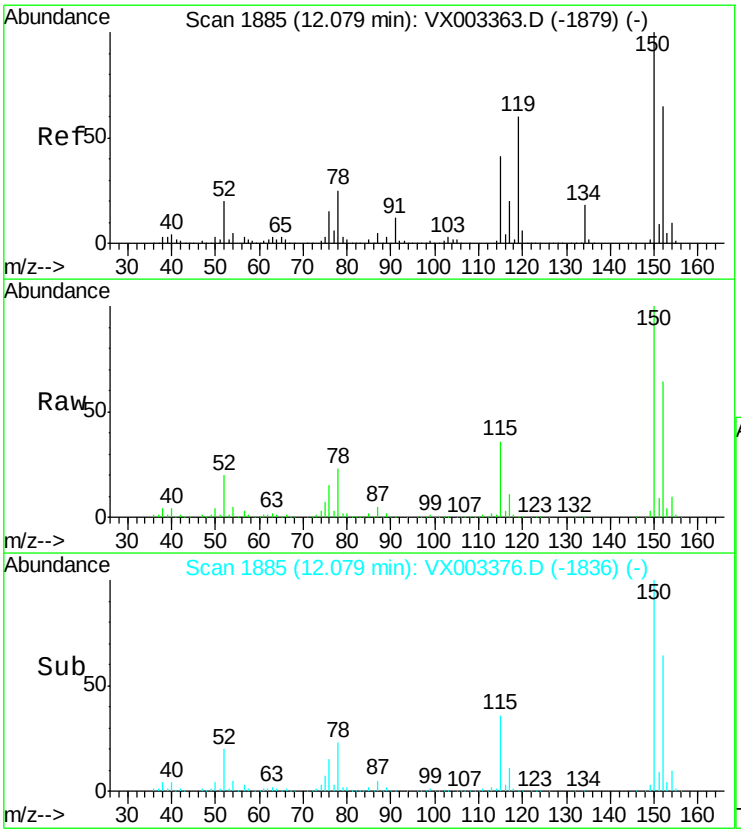
#69
o-Xylene
Concen: 0.57 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion:106 Resp: 3376

Ion	Ratio	Lower	Upper
106	100		
91	202.1	108.2	324.6

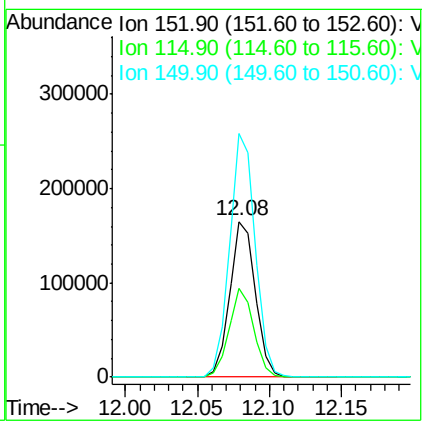


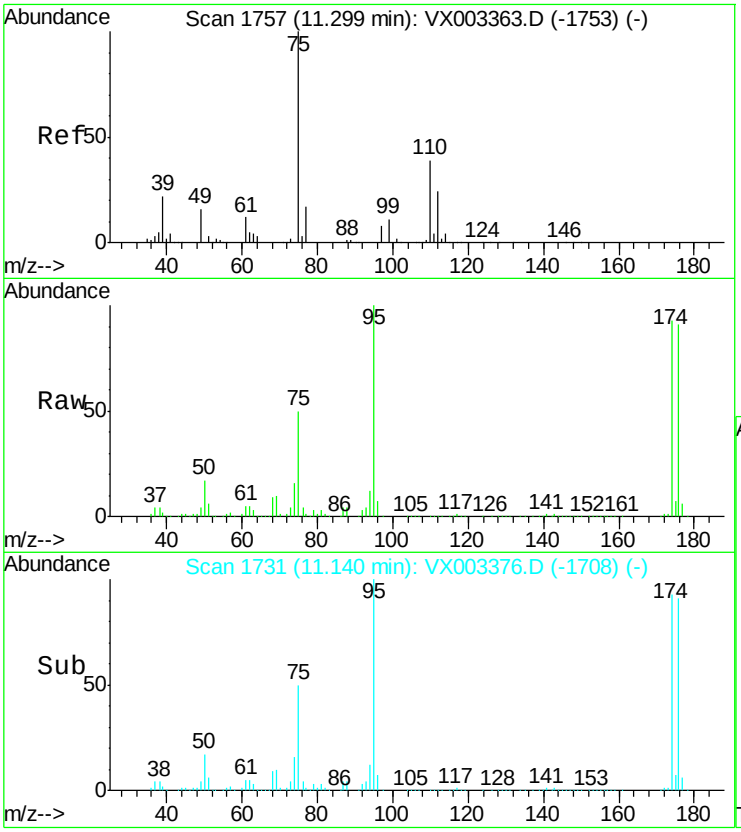


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion:152 Resp: 206165

Ion	Ratio	Lower	Upper
152	100		
115	54.9	40.1	120.2
150	156.2	0.0	347.2



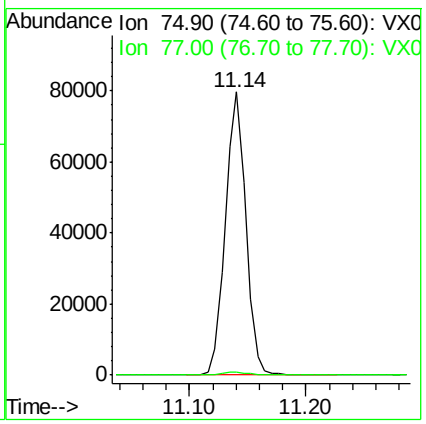


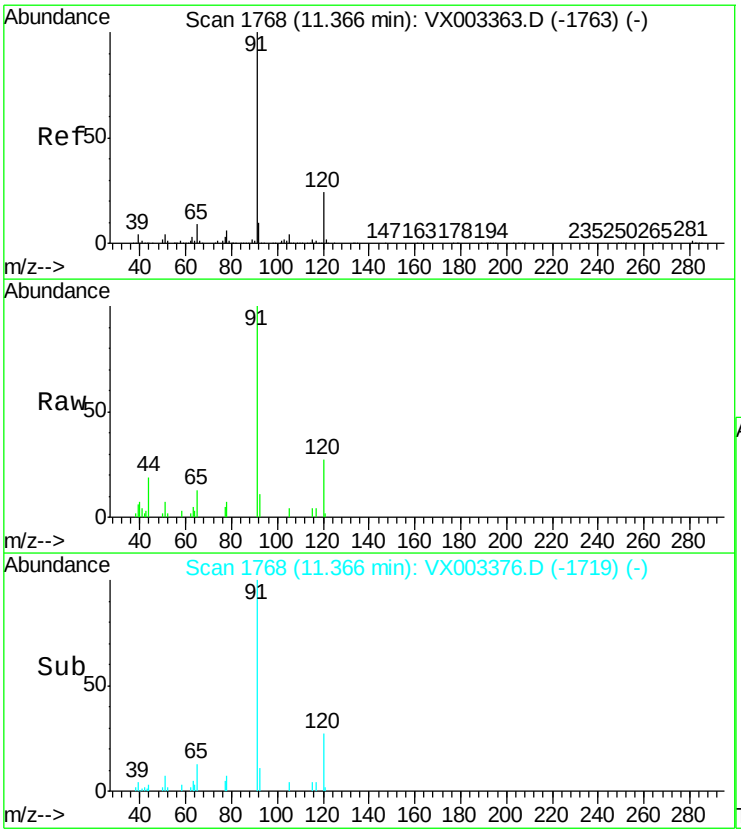
#76
1,2,3-Trichloropropane
Concen: 23.79 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion: 75 Resp: 96900

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

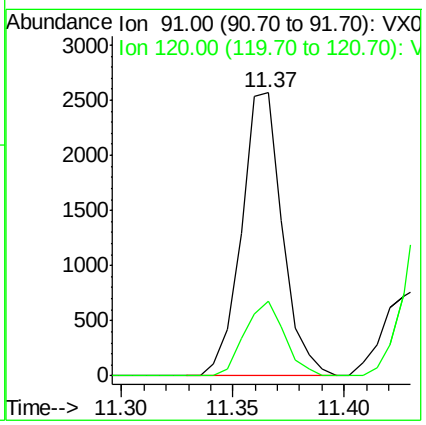


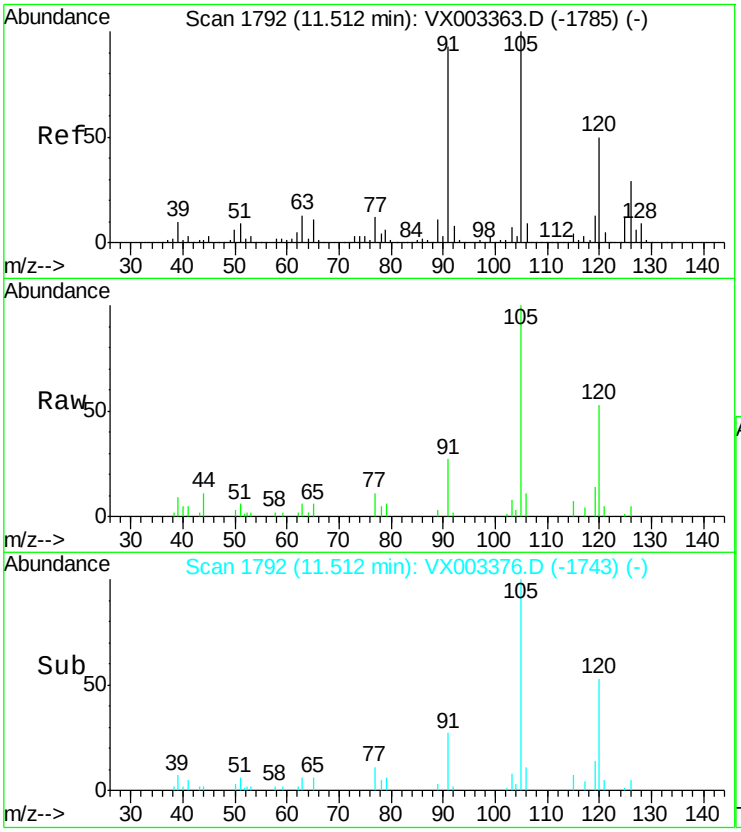


#78
n-propylbenzene
Concen: 0.20 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 91 Resp: 3302

Ion	Ratio	Lower	Upper
91	100		
120	25.4	11.8	35.4



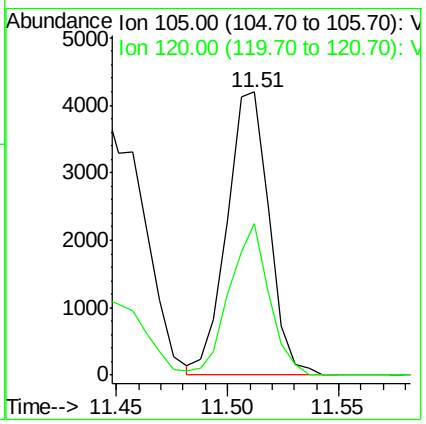


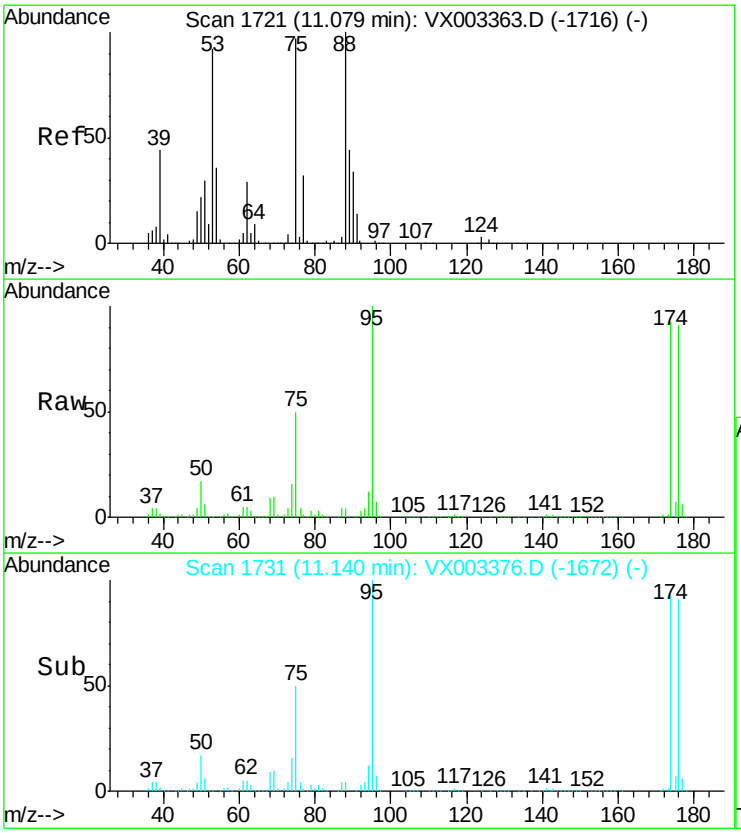
#80
1,3,5-Trimethylbenzene
Concen: 0.47 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion:105 Resp: 5540

Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.4	73.4

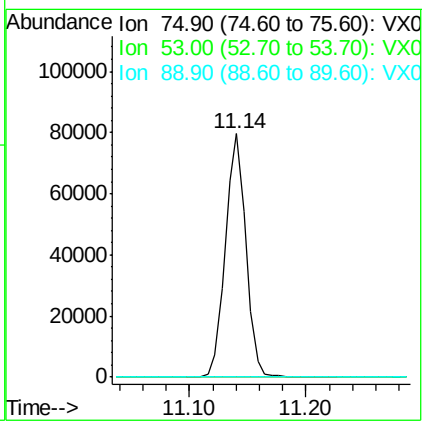


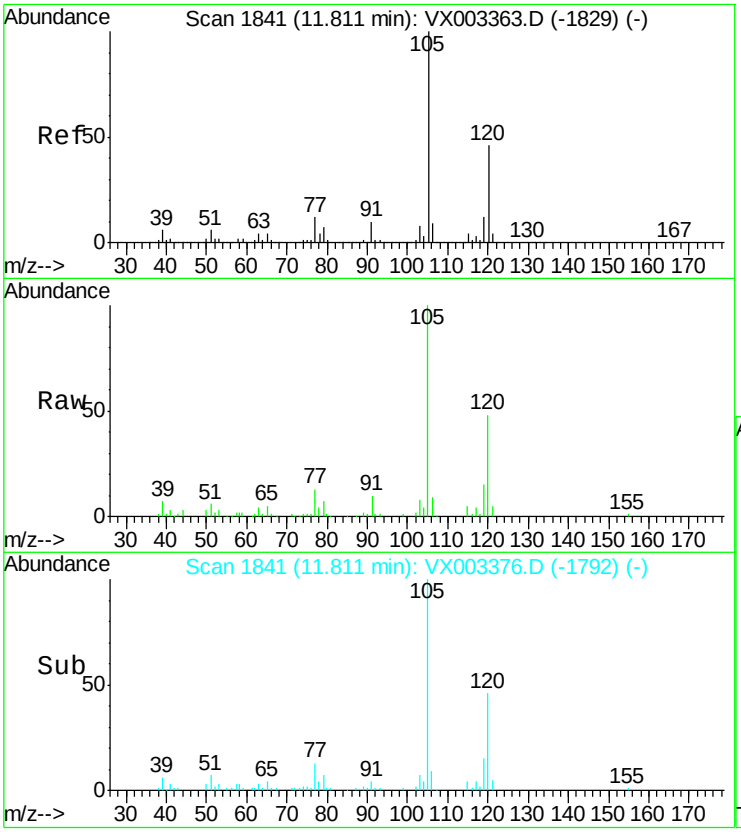


#81
trans-1,4-Dichloro-2-butene
Concen: 79.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 75 Resp: 96900

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



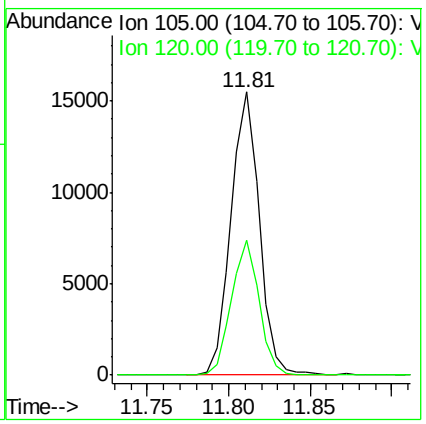


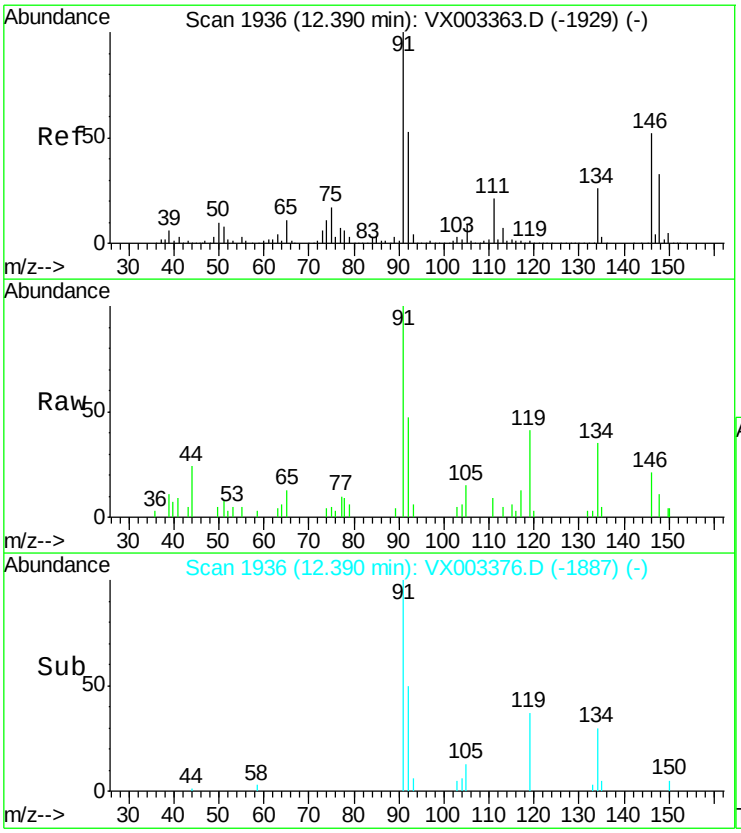
#84
1,2,4-Trimethylbenzene
Concen: 1.56 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion:105 Resp: 18709

Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.3	66.8

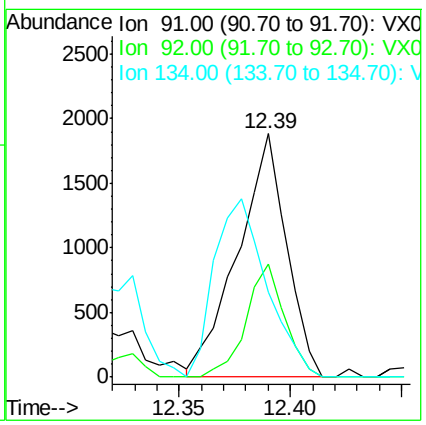


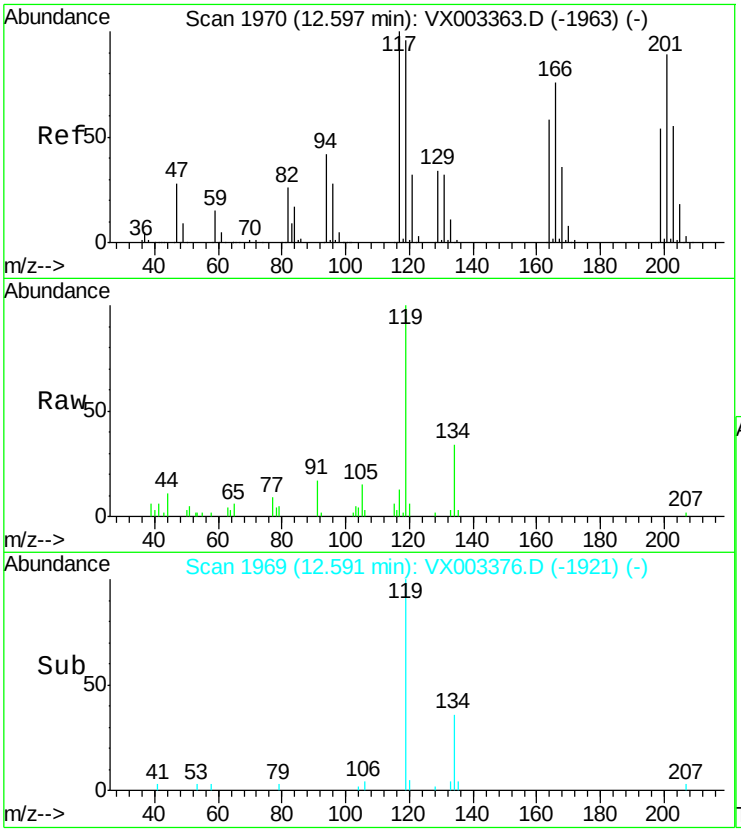


#89
n-Butylbenzene
Concen: 0.27 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion: 91 Resp: 2863

Ion	Ratio	Lower	Upper
91	100		
92	37.0	26.0	78.0
134	79.1	13.5	40.5#



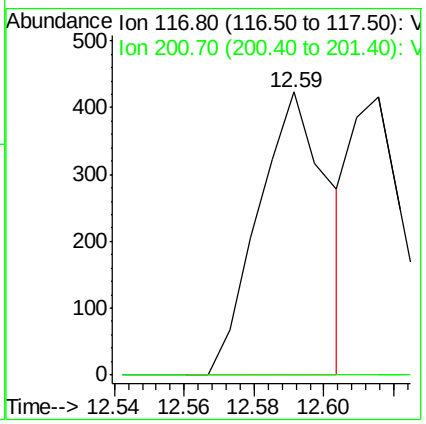


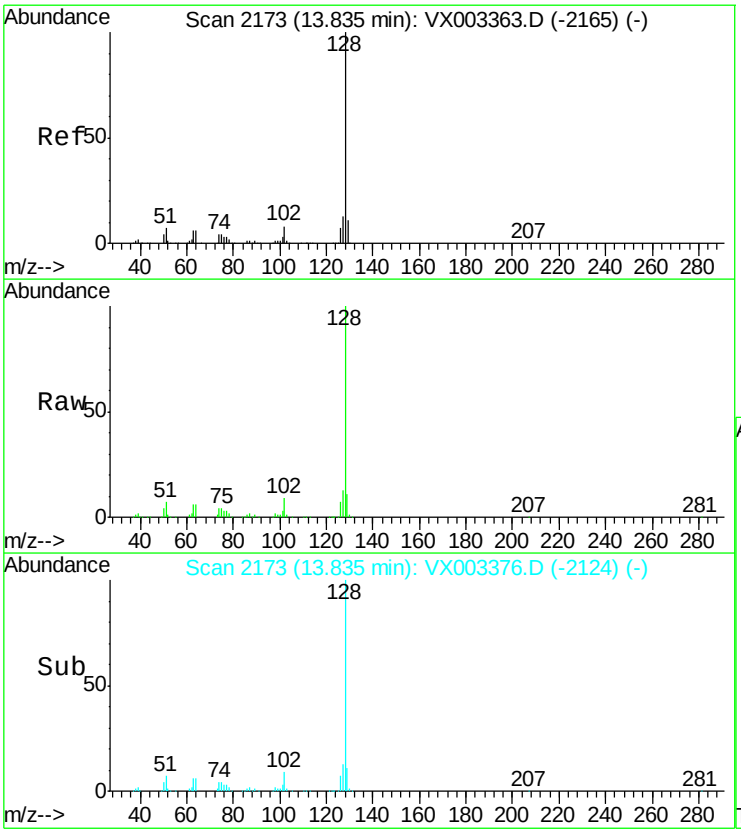
#90
Hexachloroethane
Concen: 0.31 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

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

Tgt Ion:117 Resp: 590

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#95
Naphthalene
Concen: 6.91 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003376.D
Acq: 13 Jul 2018 22:01

Tgt Ion:128 Resp: 99681

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0