Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022620\
Data File : VX015018.D
Acq On : 26 Feb 2020 14:14
Operator : JC/SP
Sample : L1683-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-388.9-20200225

Quant Time: Feb 26 15:04:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	419334	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	671976	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	649957	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330870	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	236183	49.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.82%				
35) Dibromofluoromethane	5.49	113	201834	48.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.72%				
50) Toluene-d8	8.71	98	803200	50.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.88%				
62) 4-Bromofluorobenzene	11.13	95	300059	52.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.64%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1183	0.26	ug/l	#	83
5) Bromomethane	1.66	94	952	0.30	ug/l	#	43
8) Diethyl Ether	2.17	74	593	0.21	ug/l		57
10) Methyl Iodide	2.51	142	644	4.50	ug/l	#	67
11) Tert butyl alcohol	3.03	59	386	0.46	ug/l	#	1
13) Acrolein	2.28	56	1299	2.04	ug/l	#	80
16) Acetone	2.44	43	15205	Below Cal			94
18) Methyl Acetate	2.78	43	1147	0.24	ug/l		96
25) 2-Butanone	4.67	43	1483	0.46	ug/l	#	58
27) cis-1,2-Dichloroethene	4.59	96	8659	1.83	ug/l		81
31) Cyclohexane	5.65	56	7888	1.18	ug/l	#	3
36) 1,1-Dichloropropene	5.66	75	27120	4.51	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	36985	6.31	ug/l	#	17
44) Trichloroethene	7.22	130	1533	0.29	ug/l		59
49) 1,4-Dioxane	7.78	88	235	2.47	ug/l	#	63
51) 4-Methyl-2-Pentanone	8.64	43	14431	2.31	ug/l		99
59) 2-Hexanone	9.51	43	1489	0.30	ug/l		93
76) 1,2,3-Trichloropropane	11.13	75	145967	24.40	ug/l	#	41
81) trans-1,4-Dichloro-2-buten	11.13	75	145967	62.45	ug/l	#	12

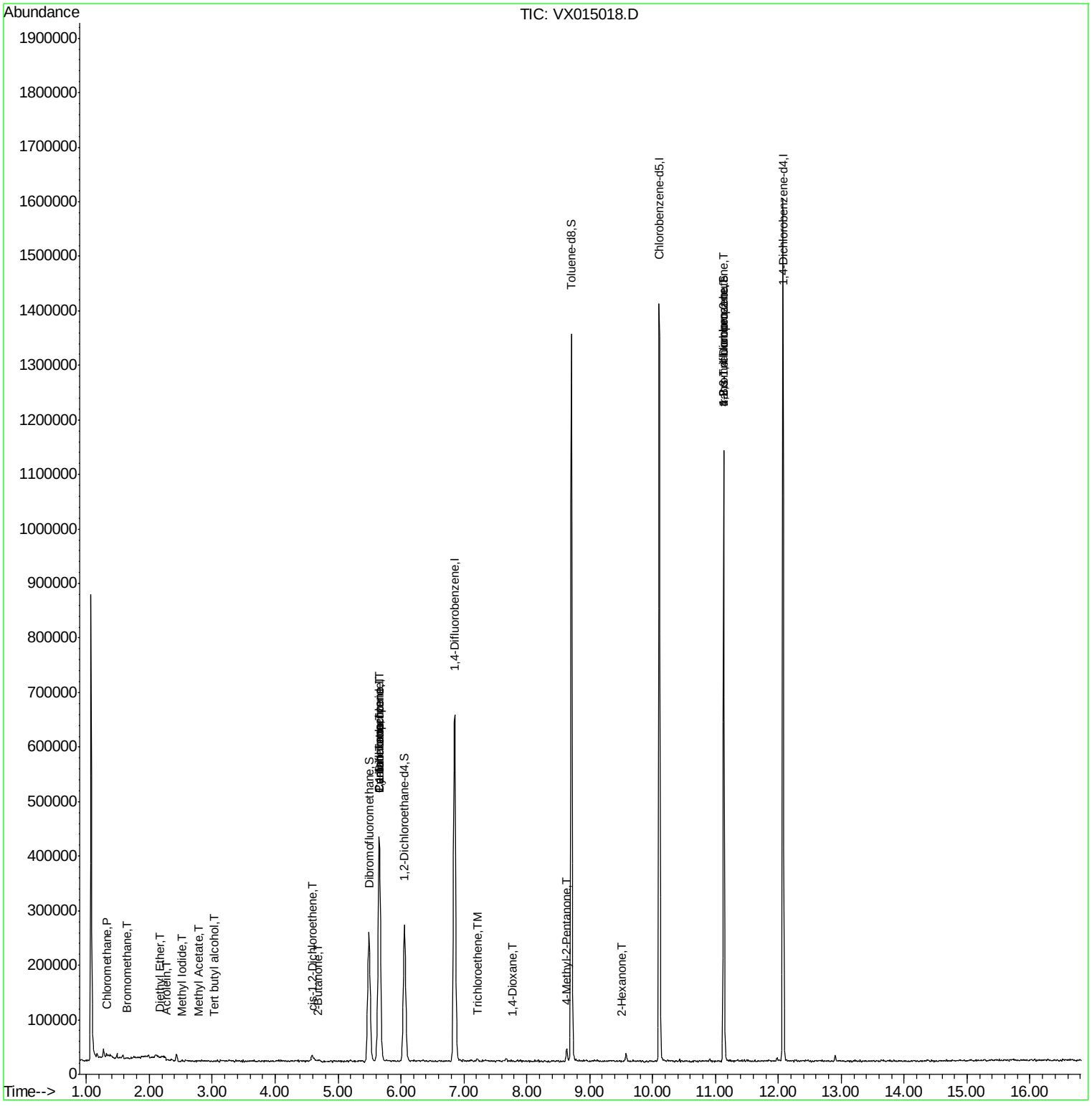
(#) = qualifier out of range (m) = manual integration (+) = signals summed

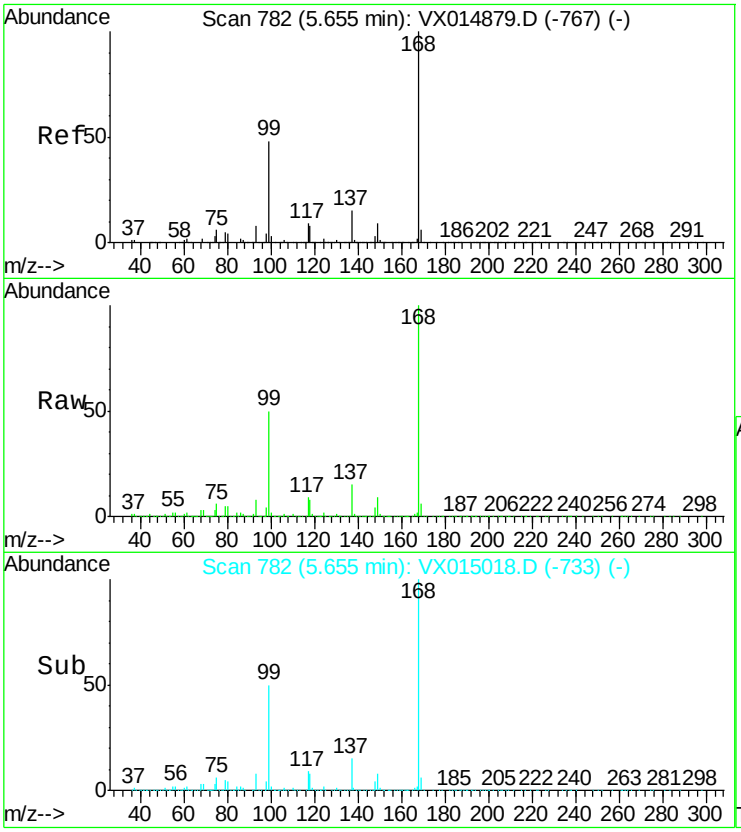
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022620\
Data File : VX015018.D
Acq On : 26 Feb 2020 14:14
Operator : JC/SP
Sample : L1683-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Quant Time: Feb 26 15:04:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration



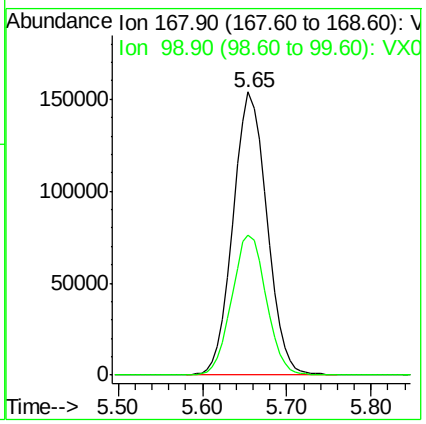


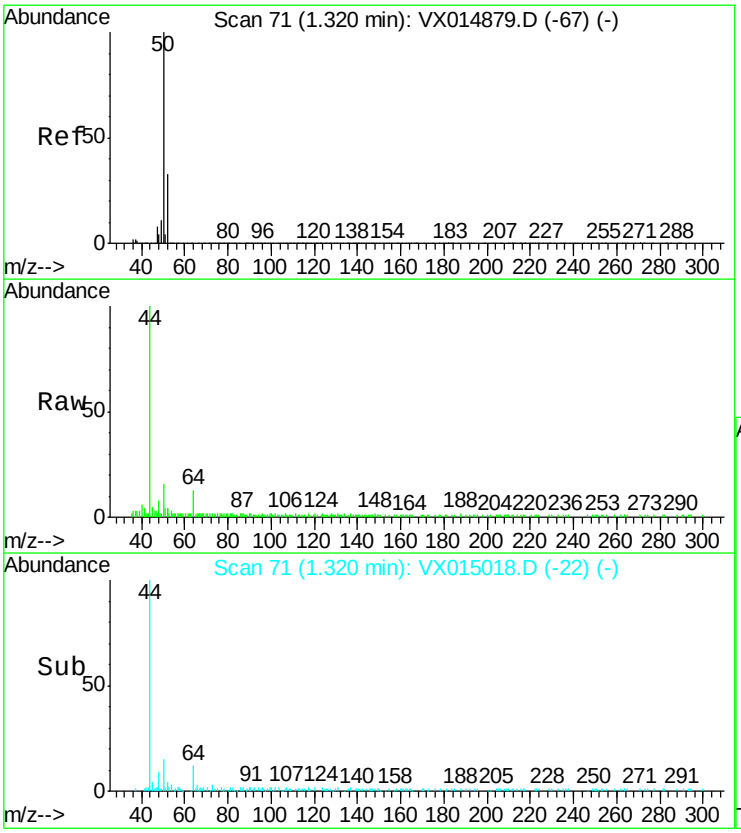
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion:168 Resp: 419334

Ion	Ratio	Lower	Upper
168	100		
99	49.5	38.7	58.1

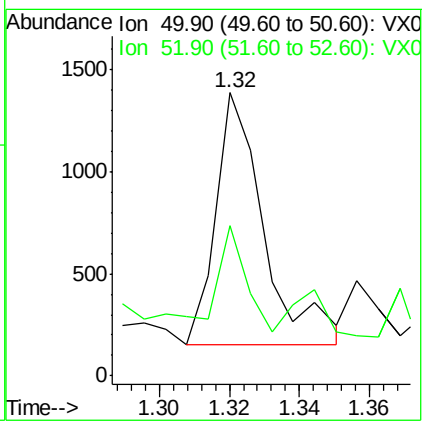


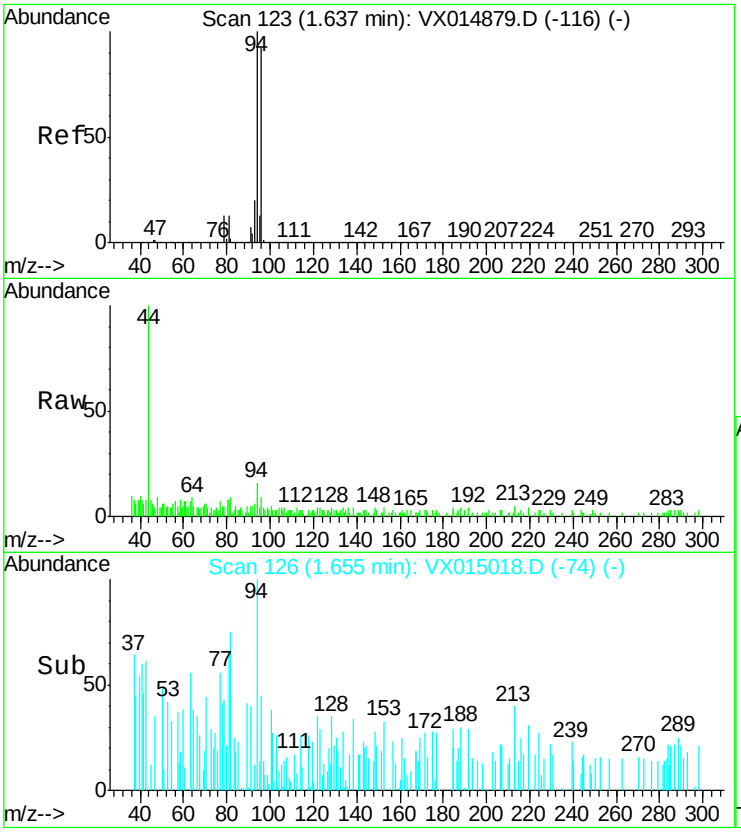


#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion: 50 Resp: 1183

Ion	Ratio	Lower	Upper
50	100		
52	42.3	26.2	39.2#



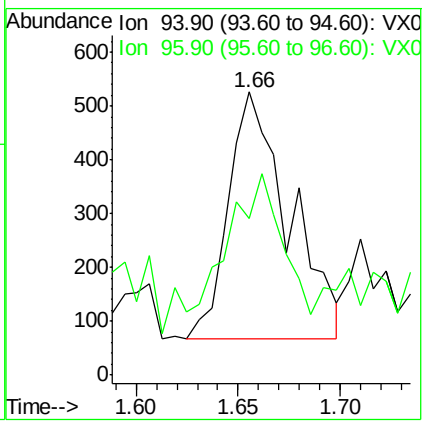


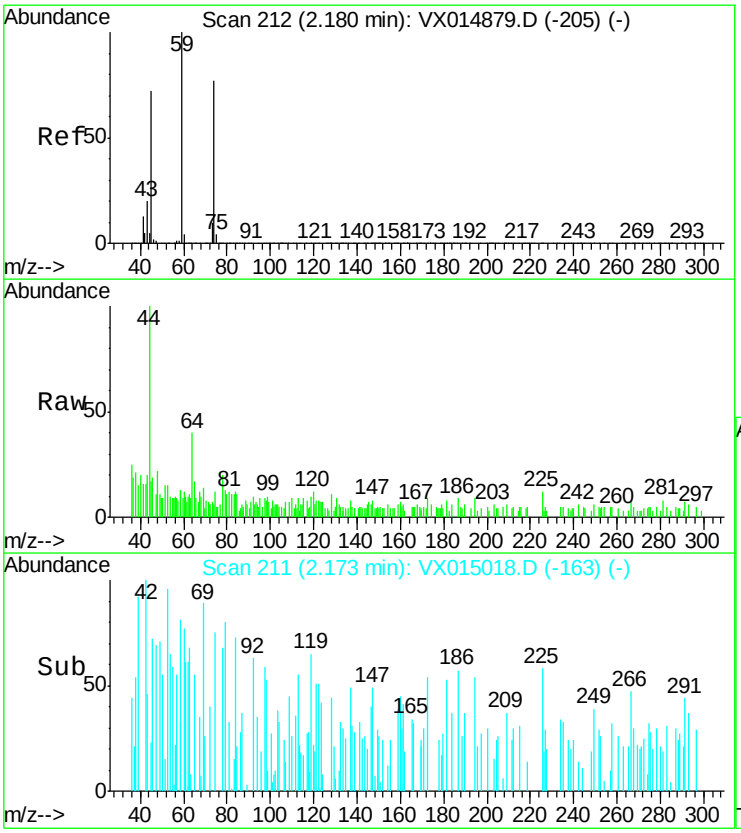
#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.66 min Scan# 126
Delta R.T. 0.02 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion: 94 Resp: 952

Ion	Ratio	Lower	Upper
94	100		
96	37.9	73.7	110.5#

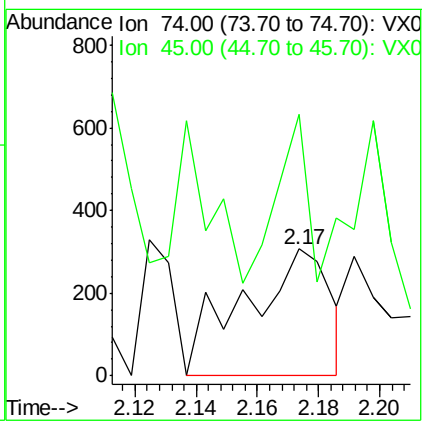


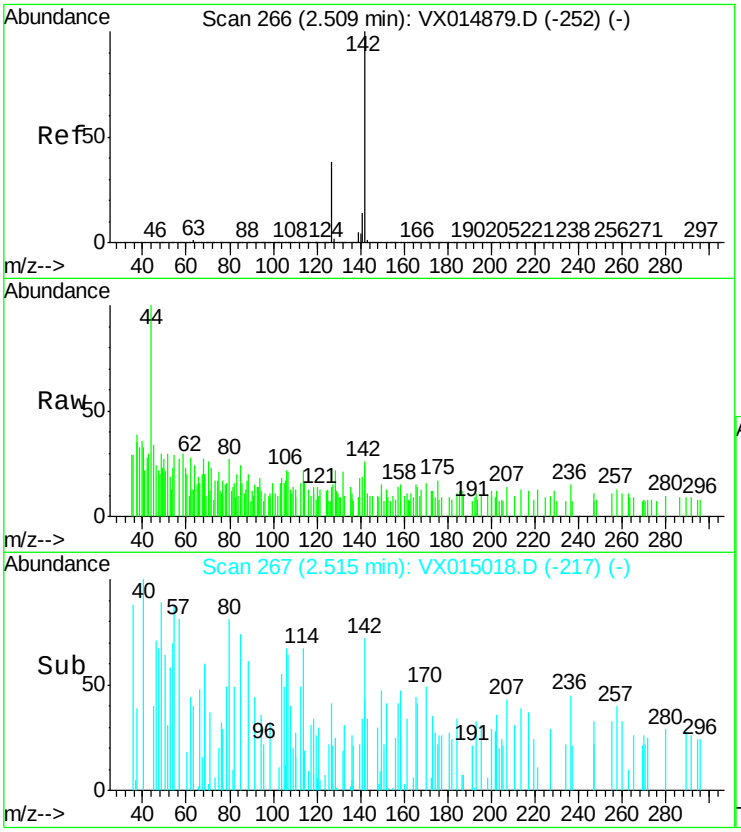


#8
Diethyl Ether
Concen: 0.21 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion: 74 Resp: 593

Ion	Ratio	Lower	Upper
74	100		
45	51.9	46.6	139.8



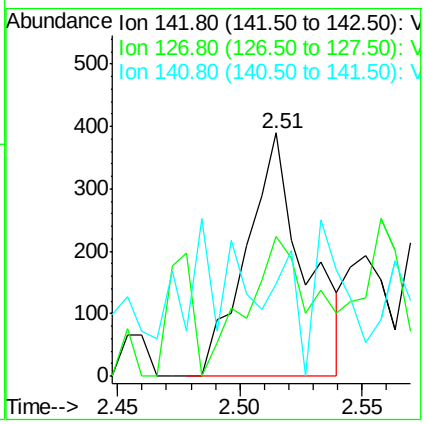


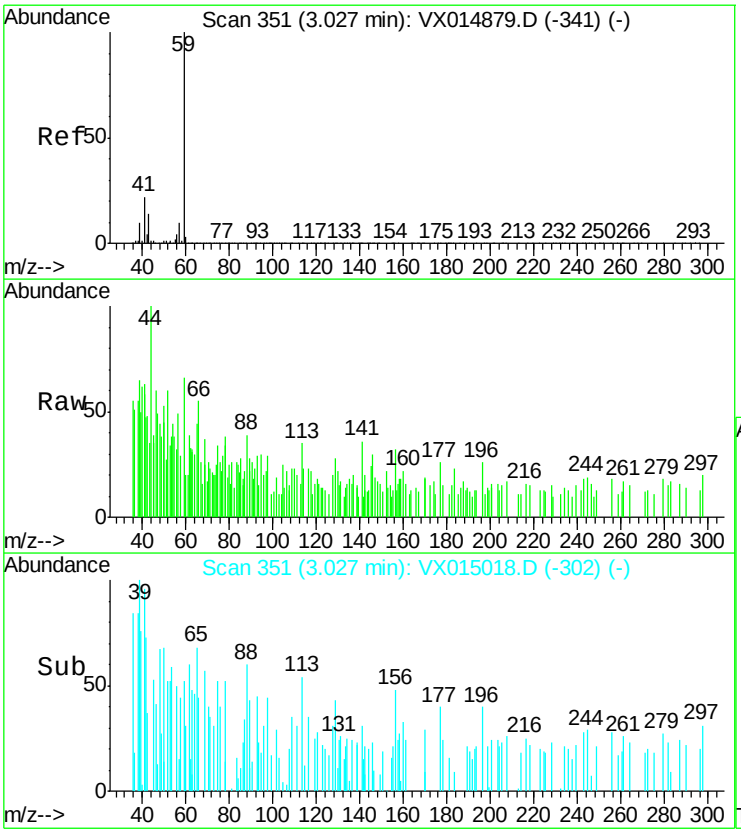
#10
Methyl Iodide
Concen: 4.50 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion:142 Resp: 644

Ion	Ratio	Lower	Upper
142	100		
127	55.3	31.1	46.7#
141	34.2	11.3	16.9#

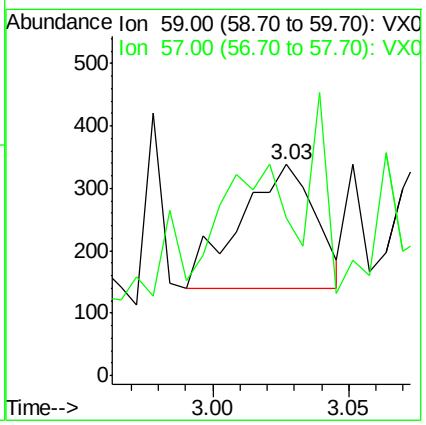


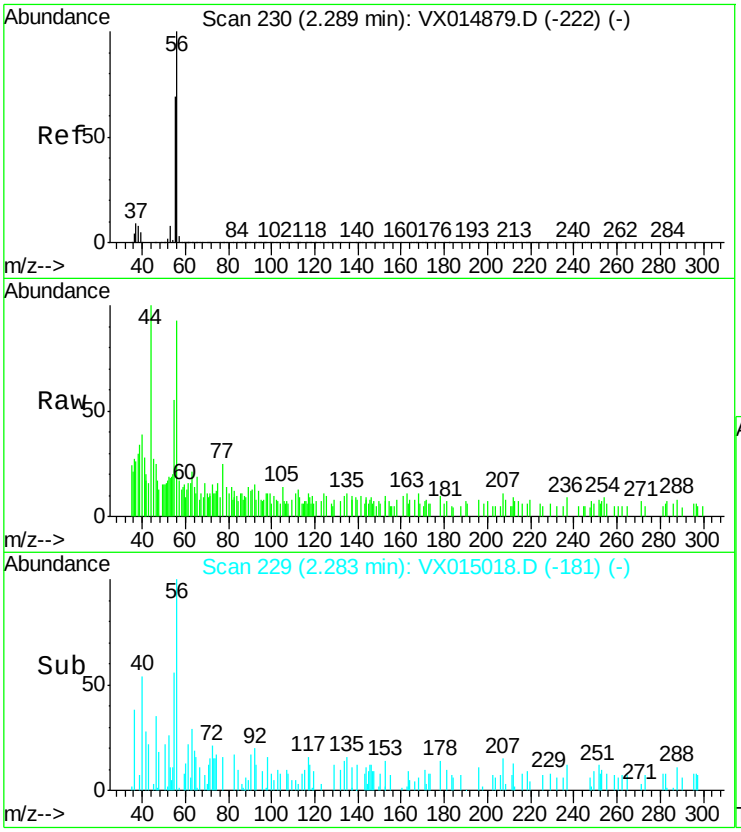


#11
Tert butyl alcohol
Concen: 0.46 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion: 59 Resp: 386

Ion	Ratio	Lower	Upper
59	100		
57	141.2	8.2	12.4#



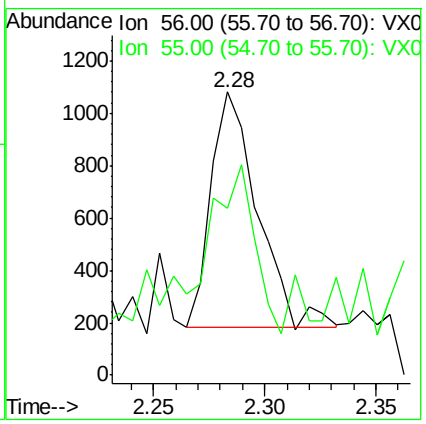


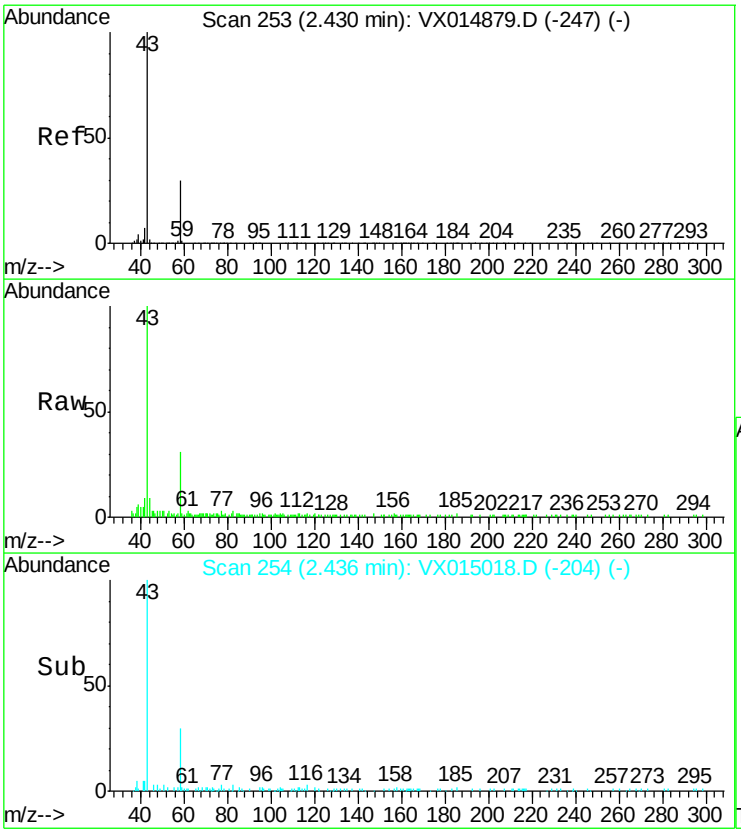
#13
Acrolein
Concen: 2.04 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion: 56 Resp: 1299

Ion	Ratio	Lower	Upper
56	100		
55	84.8	55.0	82.4#

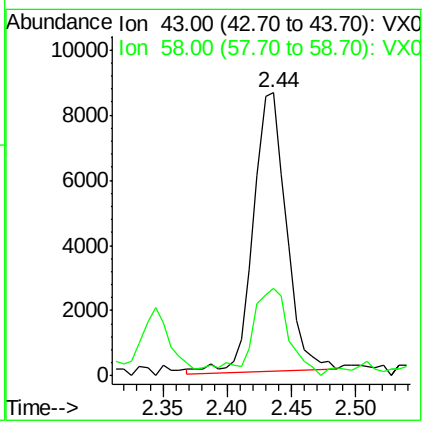


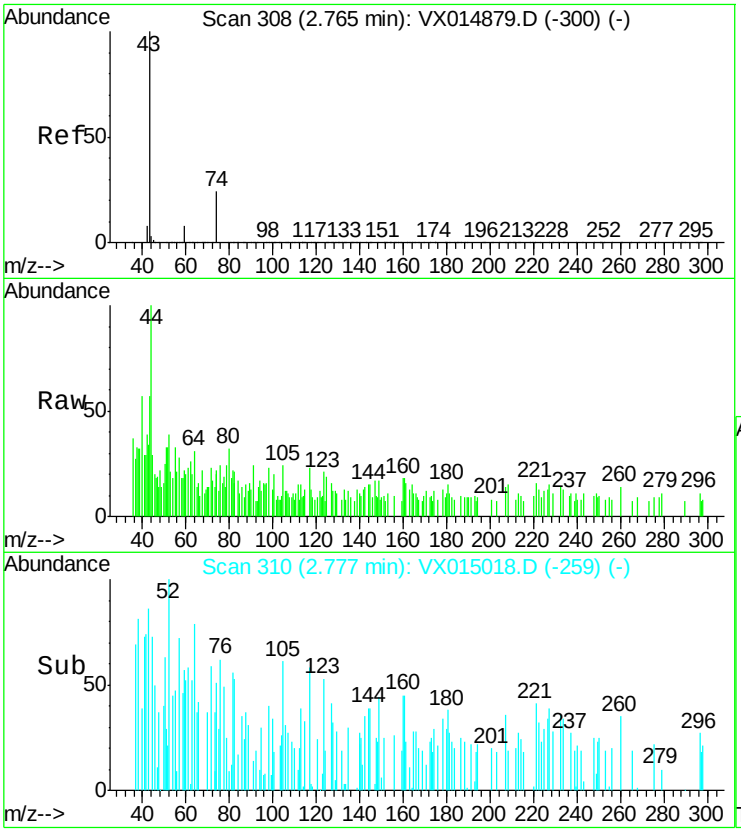


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion: 43 Resp: 15205

Ion	Ratio	Lower	Upper
43	100		
58	26.9	24.1	36.1



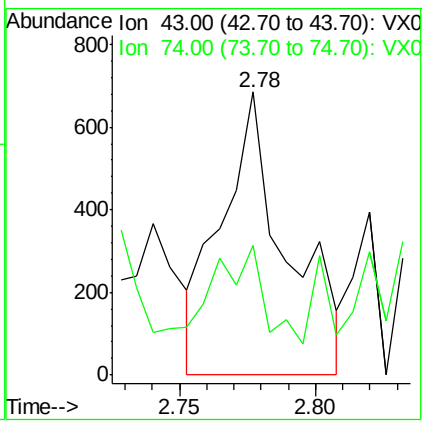


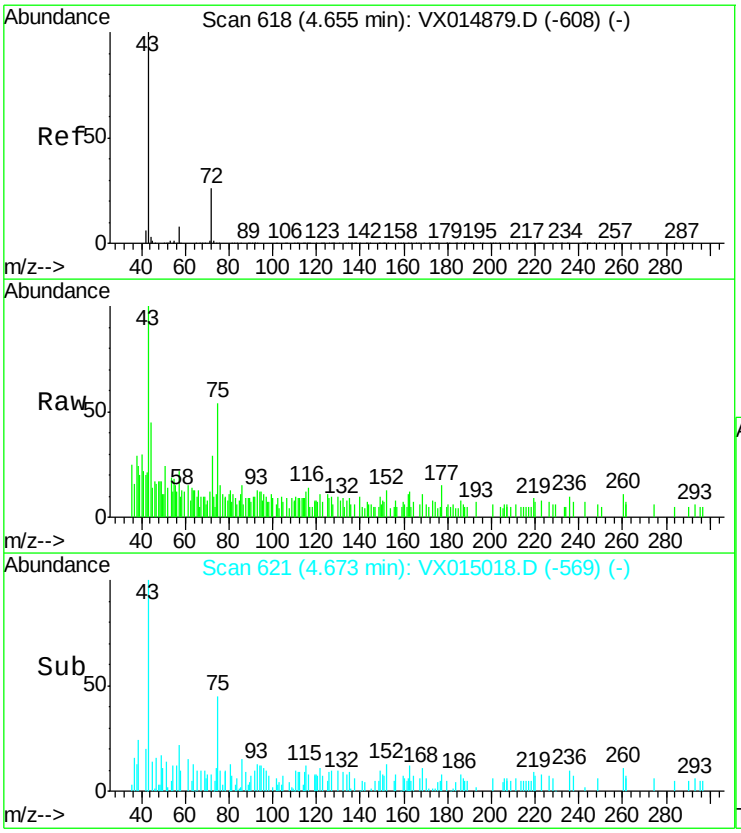
#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.78 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion: 43 Resp: 1147

Ion	Ratio	Lower	Upper
43	100		
74	26.2	19.4	29.0

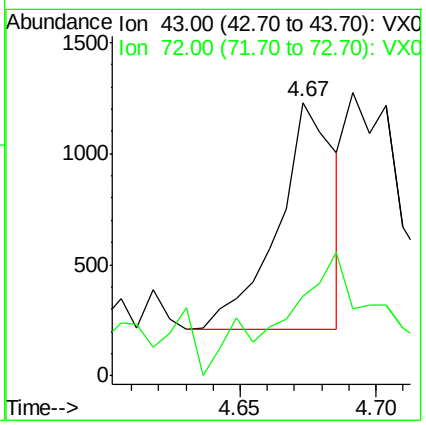


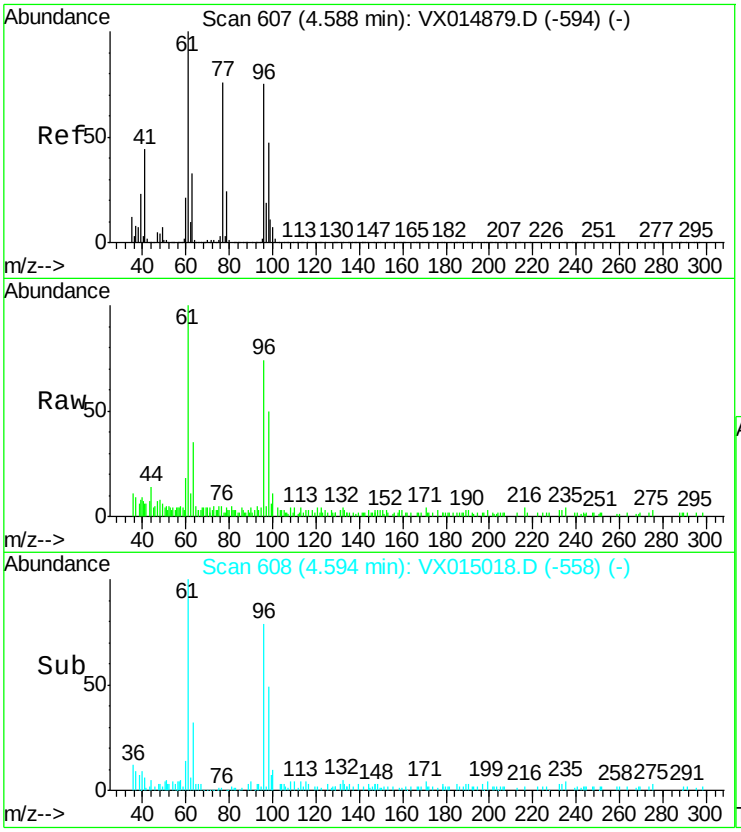


#25
2-Butanone
Concen: 0.46 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion: 43 Resp: 1483

Ion	Ratio	Lower	Upper
43	100		
72	5.0	21.0	31.6#



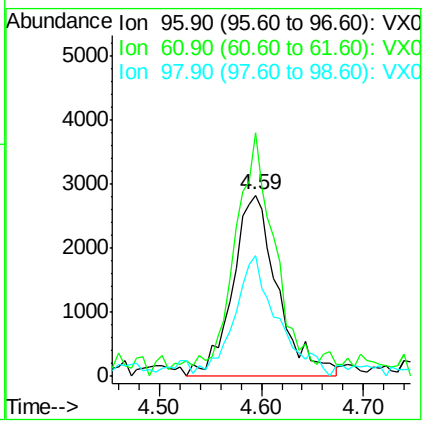


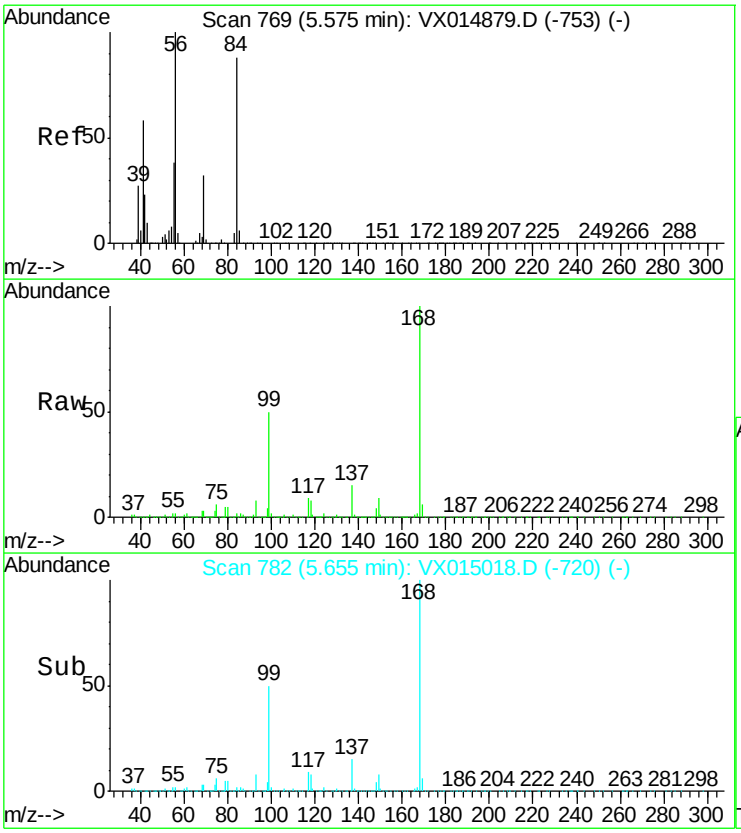
#27
cis-1,2-Dichloroethene
Concen: 1.83 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion: 96 Resp: 8659

Ion	Ratio	Lower	Upper
96	100		
61	110.5	0.0	286.2
98	64.0	0.0	131.0

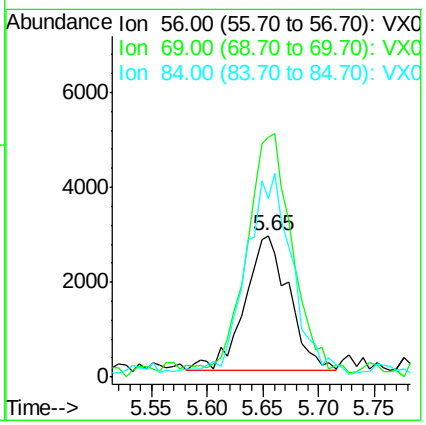


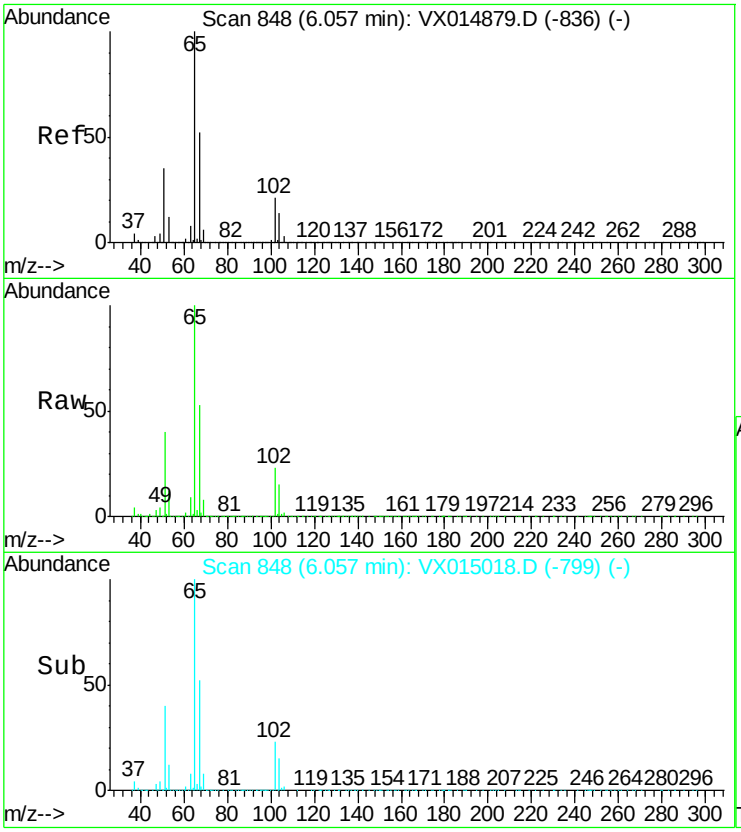


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.08 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion: 56 Resp: 7888

Ion	Ratio	Lower	Upper
56	100		
69	170.1	25.9	38.9#
84	126.9	70.4	105.6#



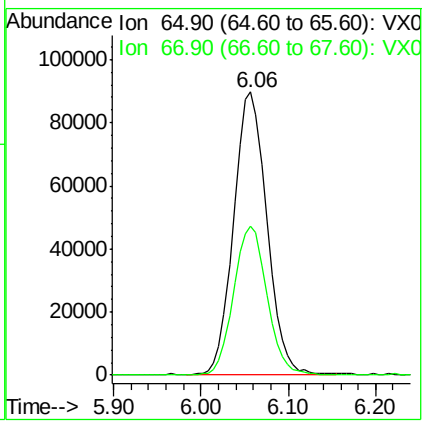


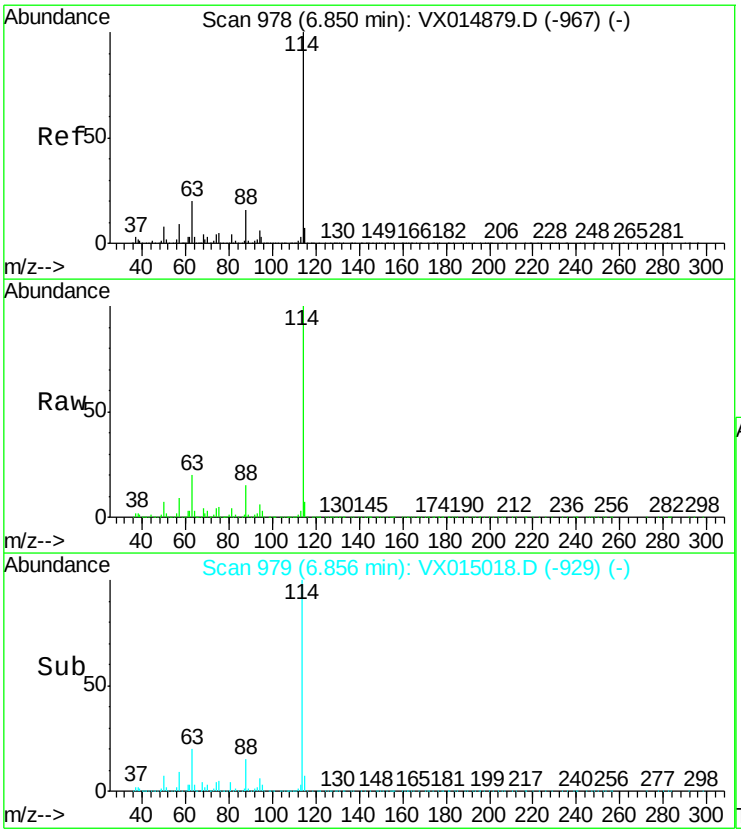
#33
1,2-Dichloroethane-d4
Concen: 49.91 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion: 65 Resp: 236183

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.0

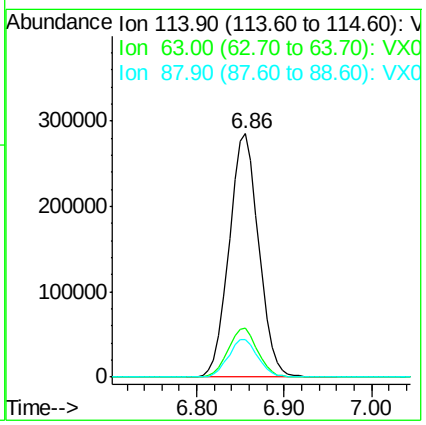


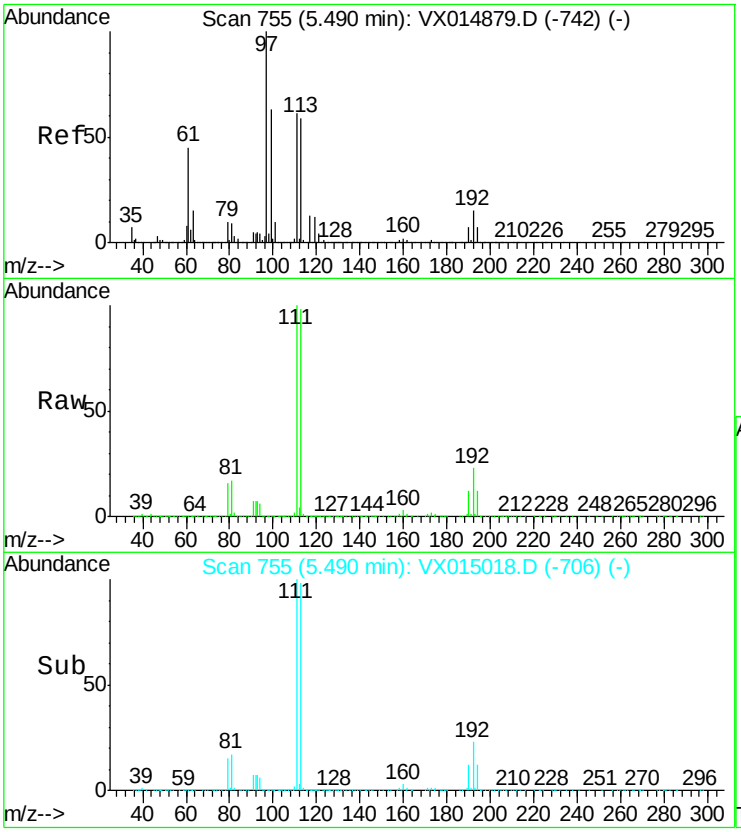


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion:114 Resp: 671976

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.2
88	15.4	0.0	32.0



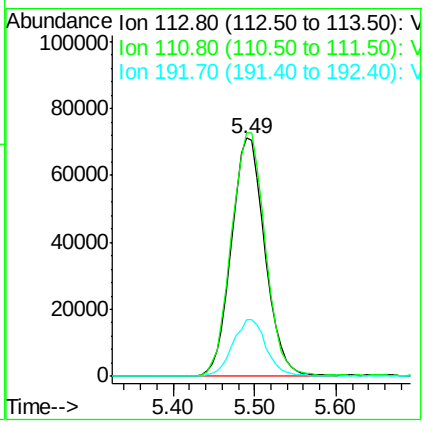


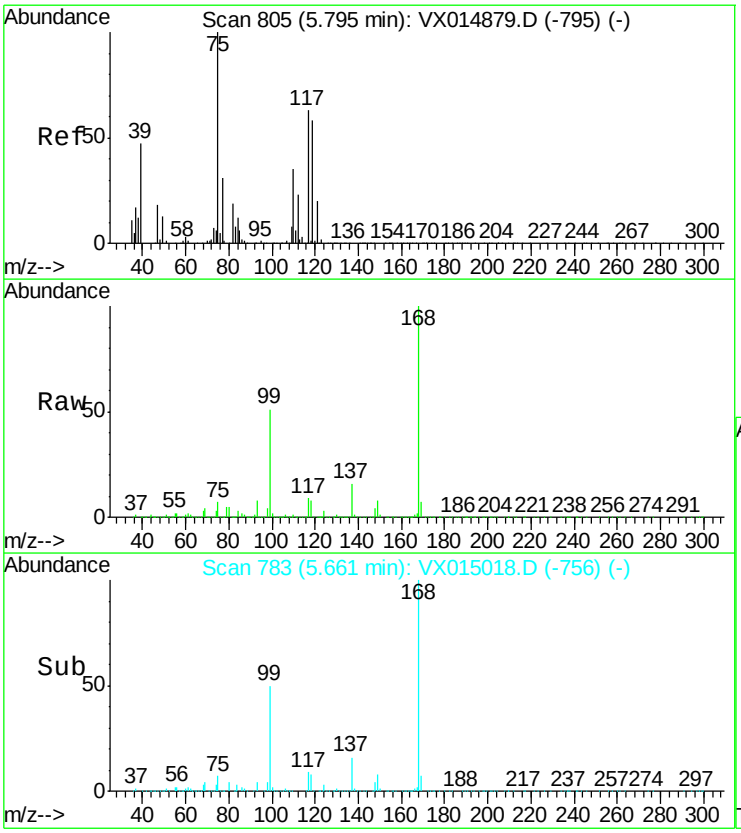
#35
Dibromofluoromethane
Concen: 48.86 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion:113 Resp: 201834

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	24.1	19.1	28.7

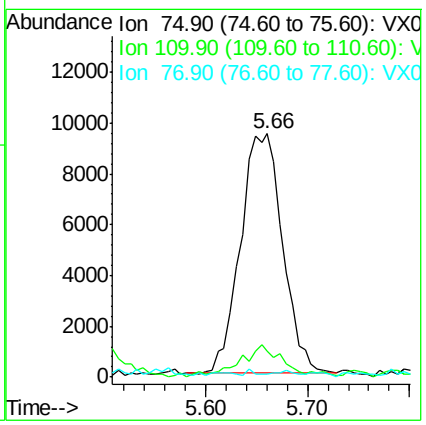


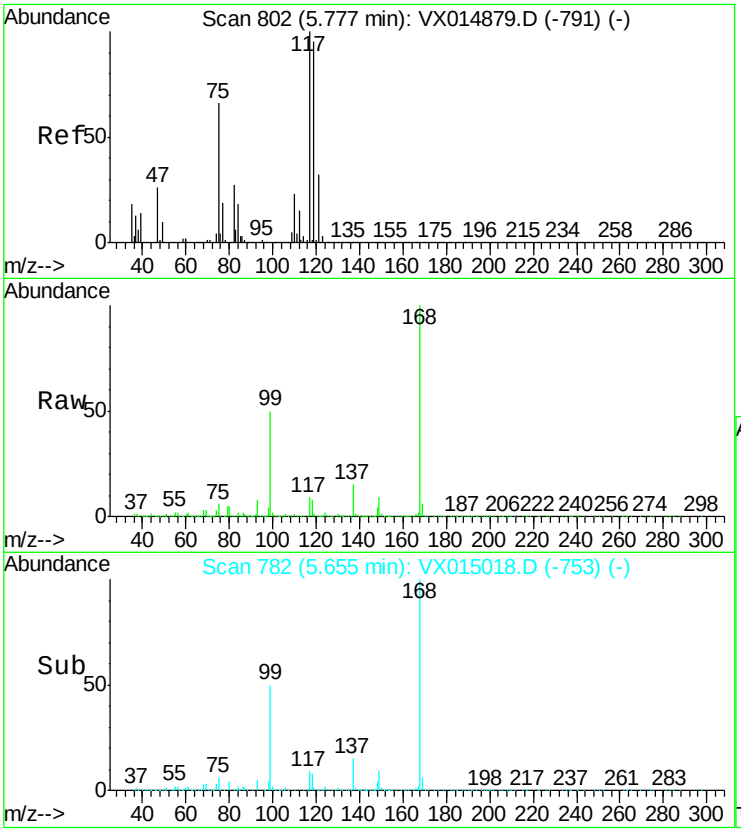


#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.66 min Scan# 783
Delta R.T. -0.13 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion: 75 Resp: 27120

Ion	Ratio	Lower	Upper
75	100		
110	12.1	18.3	54.8#
77	0.4	24.6	36.8#



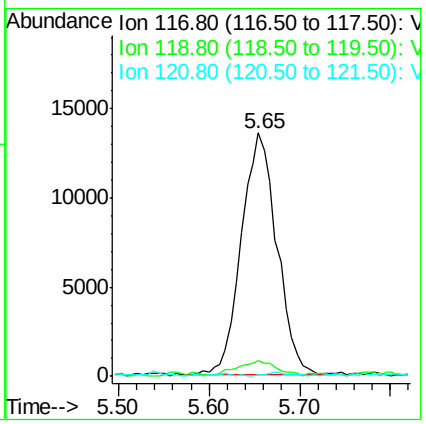


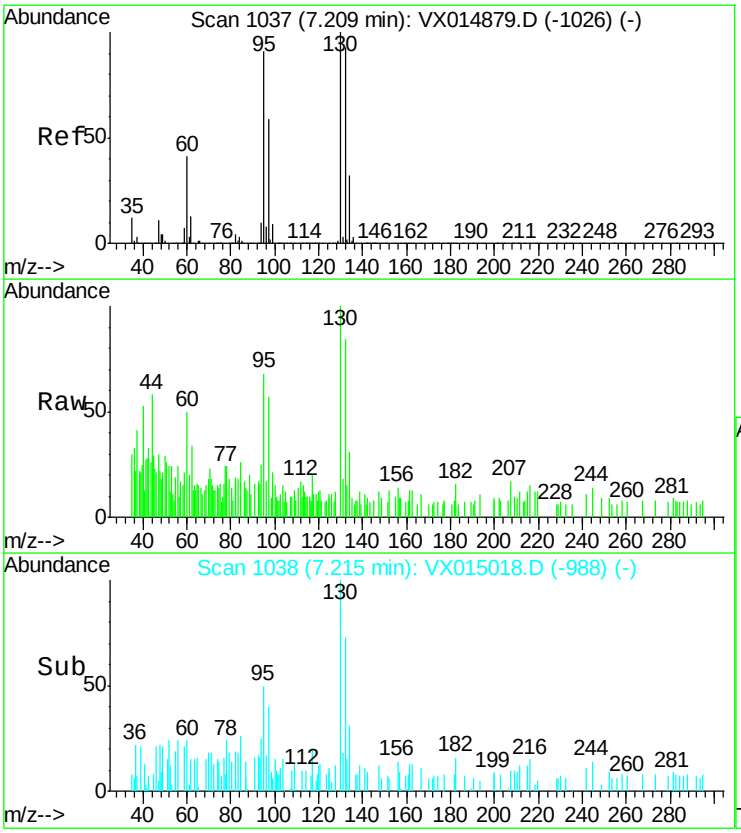
#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion:117 Resp: 36985

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.0	114.0#
121	0.7	25.4	38.2#

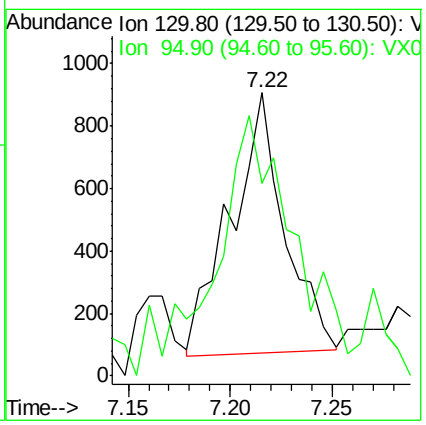


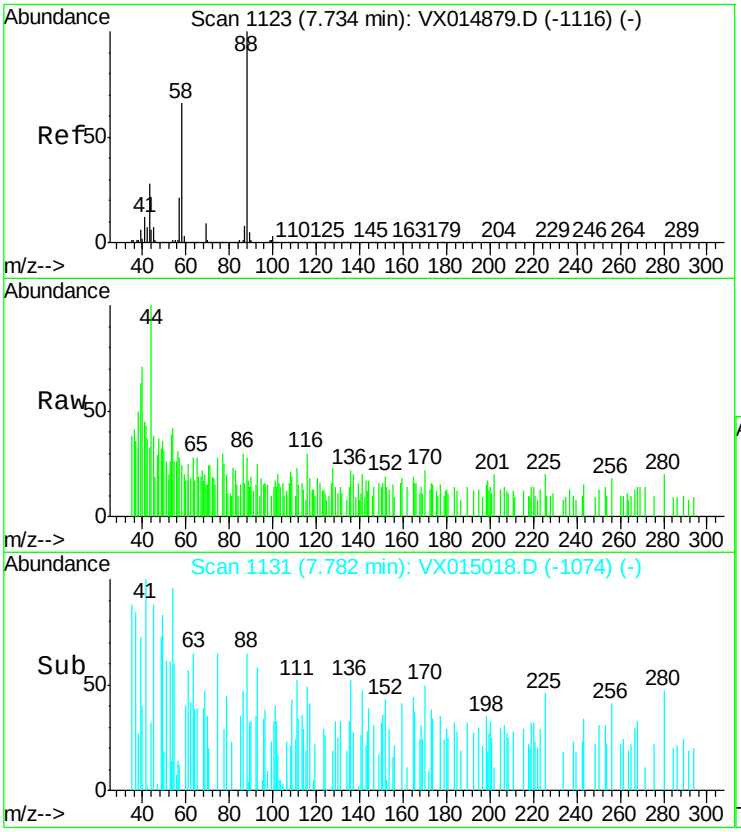


#44
Trichloroethene
Concen: 0.29 ug/l
RT: 7.22 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion:130 Resp: 1533

Ion	Ratio	Lower	Upper
130	100		
95	52.7	0.0	182.6



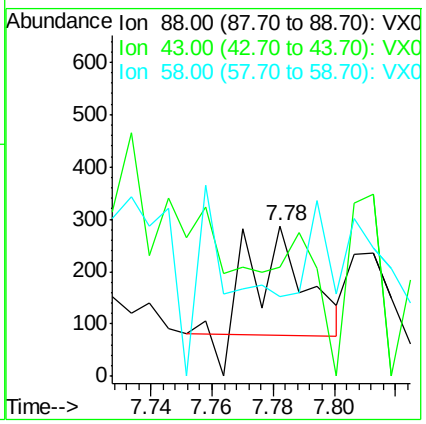


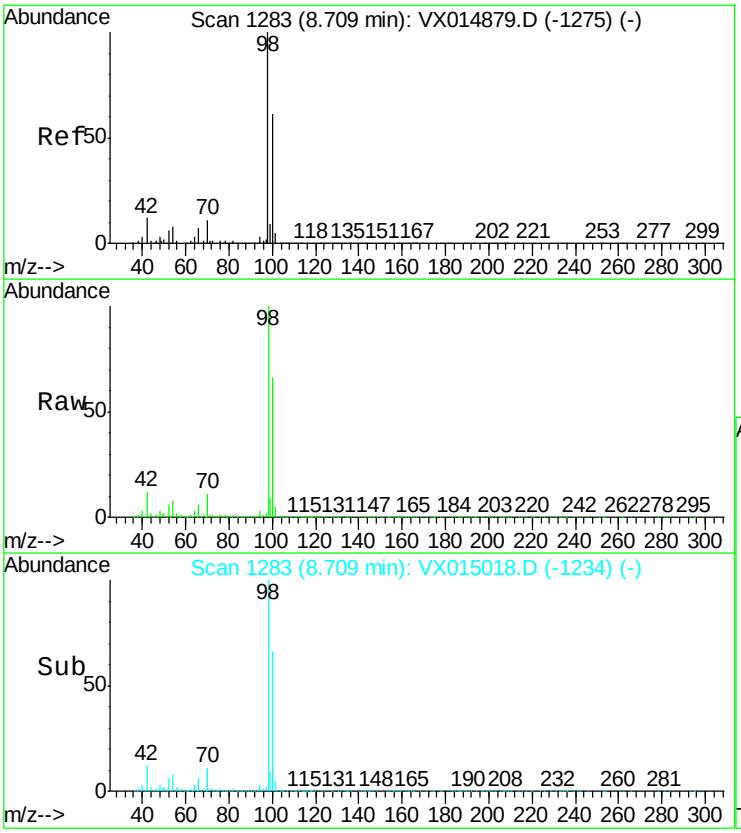
#49
1,4-Dioxane
Concen: 2.47 ug/l
RT: 7.78 min Scan# 1131
Delta R.T. 0.05 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion: 88 Resp: 235

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.0	40.4#
58	45.5	53.2	79.8#

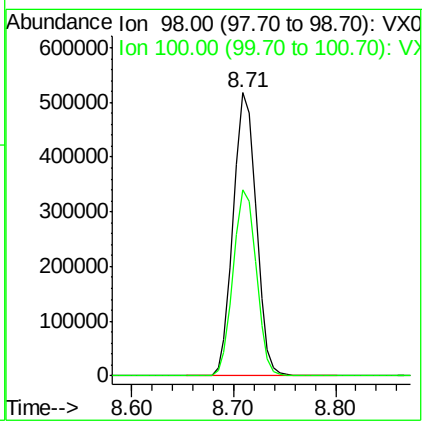


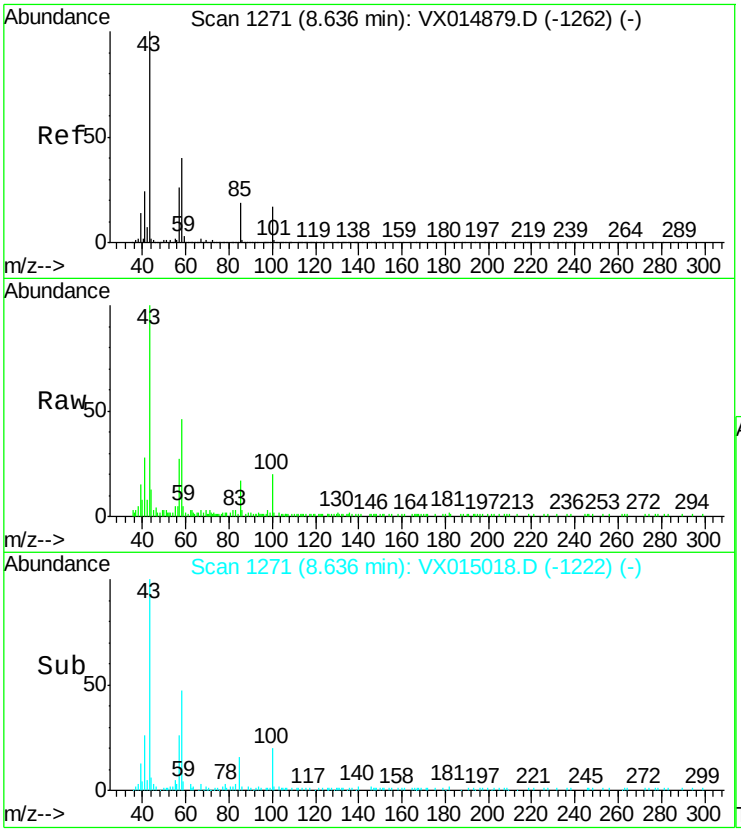


#50
Toluene-d8
Concen: 50.94 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion: 98 Resp: 803200

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6



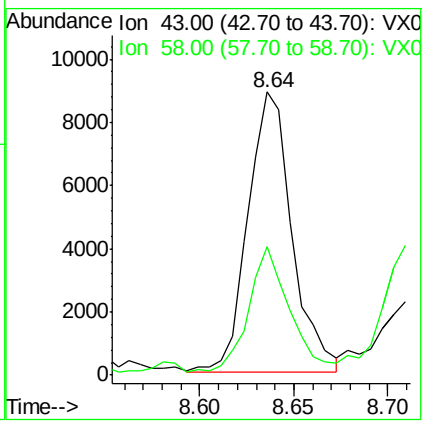


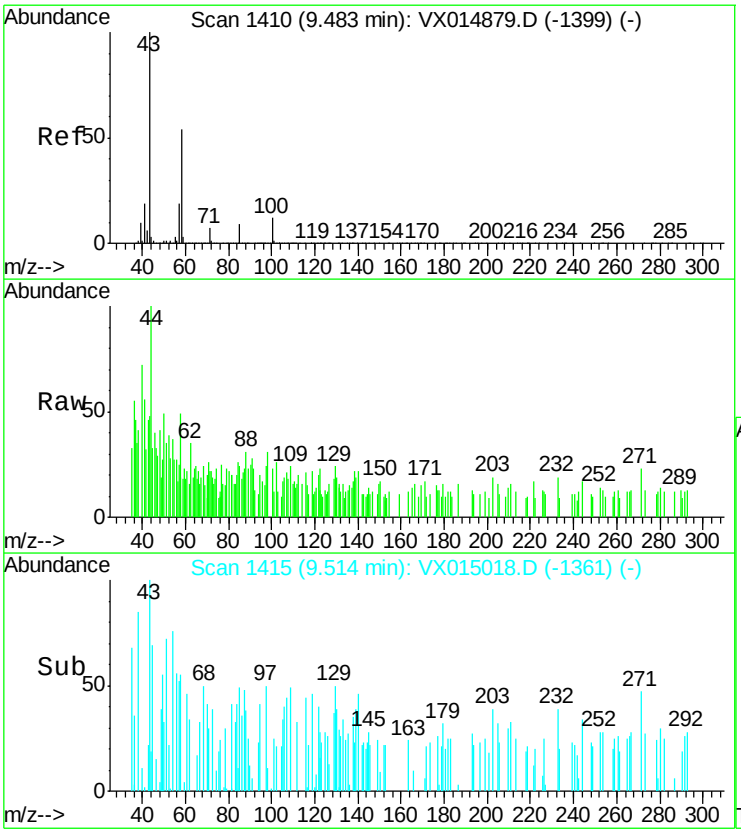
#51
4-Methyl-2-Pentanone
Concen: 2.31 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion: 43 Resp: 14431

Ion	Ratio	Lower	Upper
43	100		
58	40.6	31.9	47.9

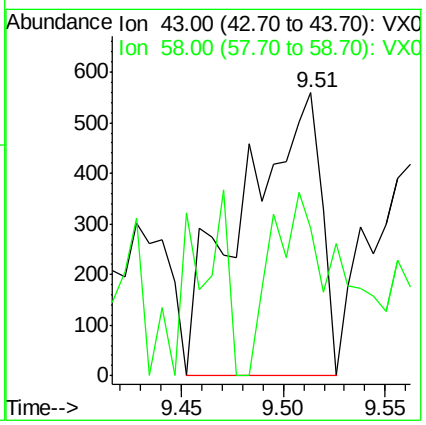


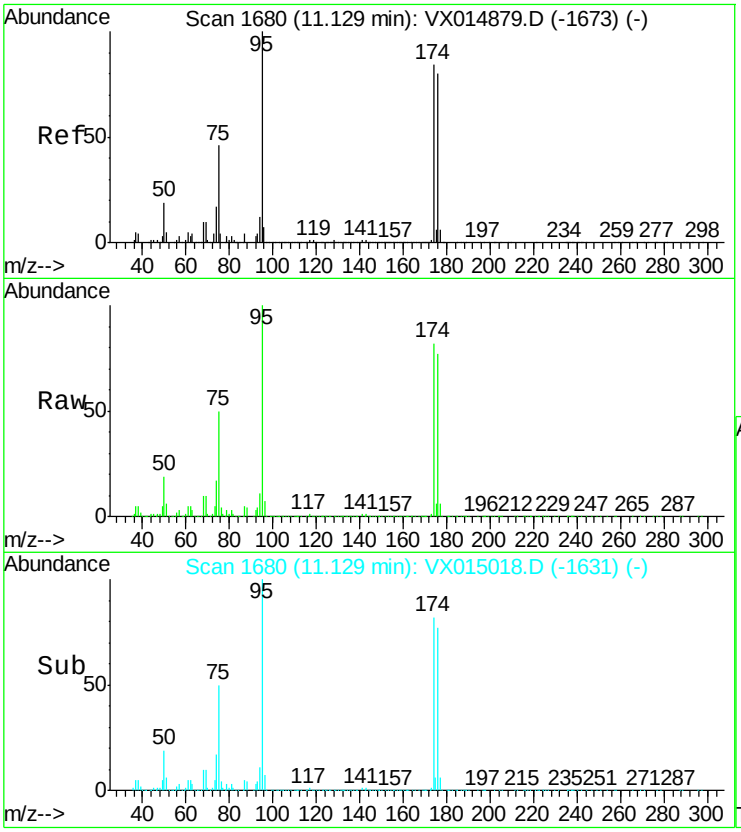


#59
2-Hexanone
Concen: 0.30 ug/l
RT: 9.51 min Scan# 1415
Delta R.T. 0.03 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion: 43 Resp: 1489

Ion	Ratio	Lower	Upper
43	100		
58	60.0	27.5	82.5



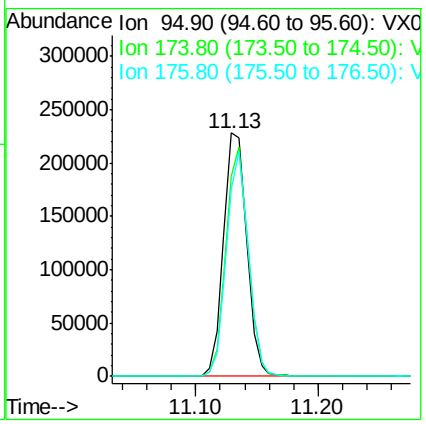


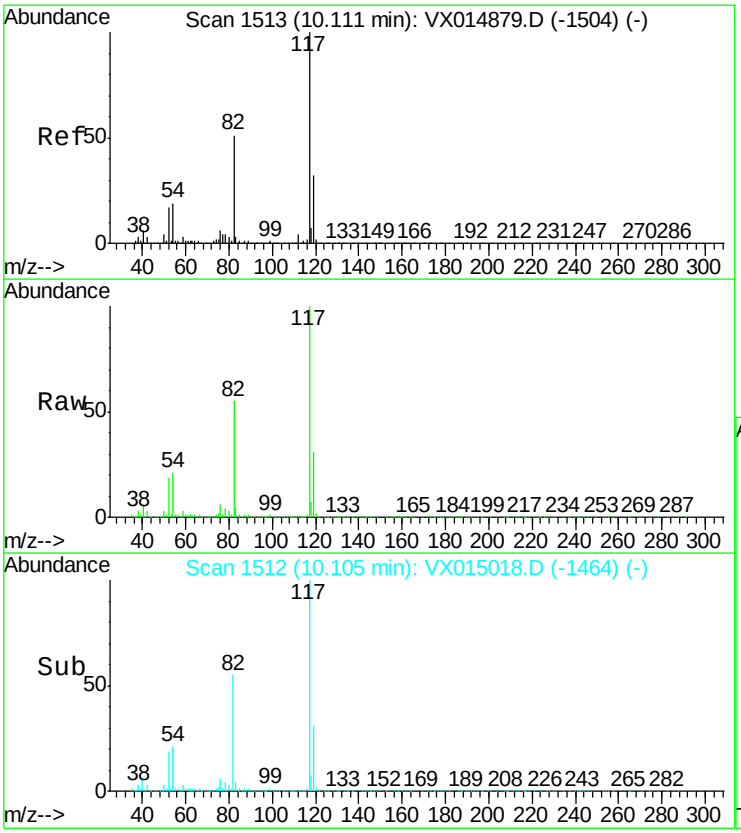
#62
4-Bromofluorobenzene
Concen: 52.82 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion: 95 Resp: 300059

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	183.0
176	86.5	0.0	178.0

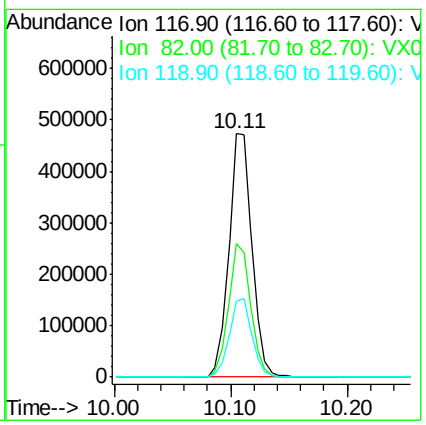


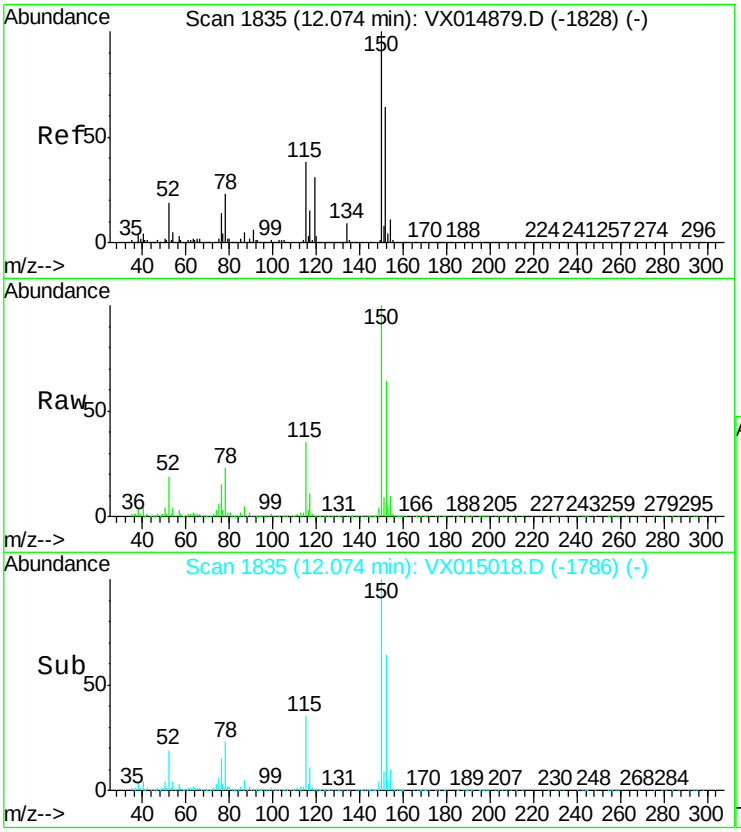


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion:117 Resp: 649957

Ion	Ratio	Lower	Upper
117	100		
82	55.0	40.5	60.7
119	31.0	25.8	38.6



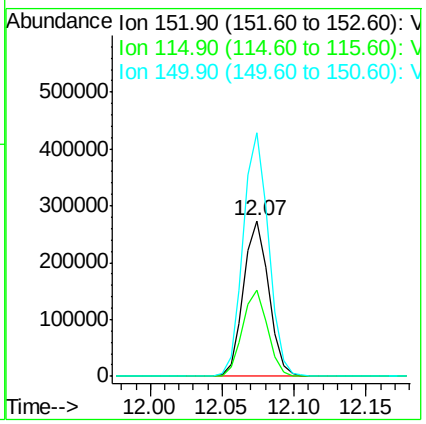


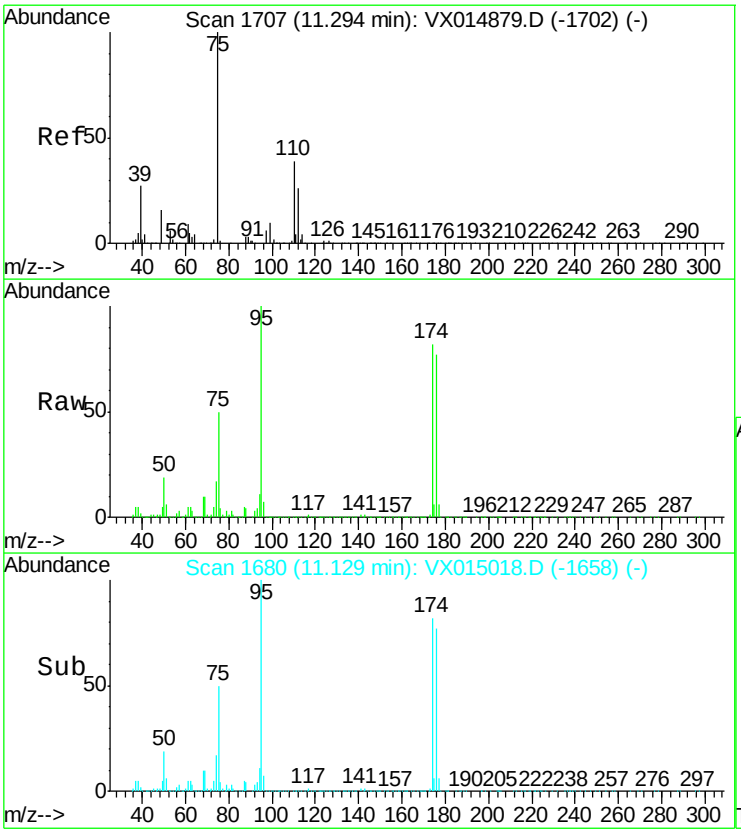
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion:152 Resp: 330870

Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.6	116.0
150	157.3	0.0	349.0

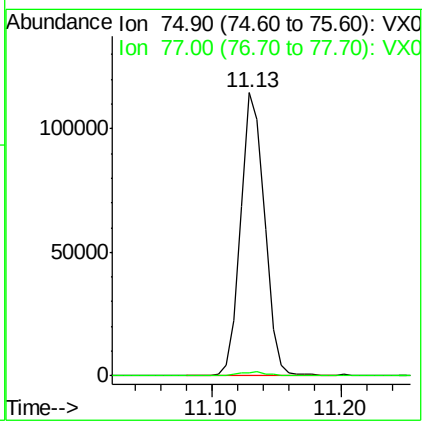


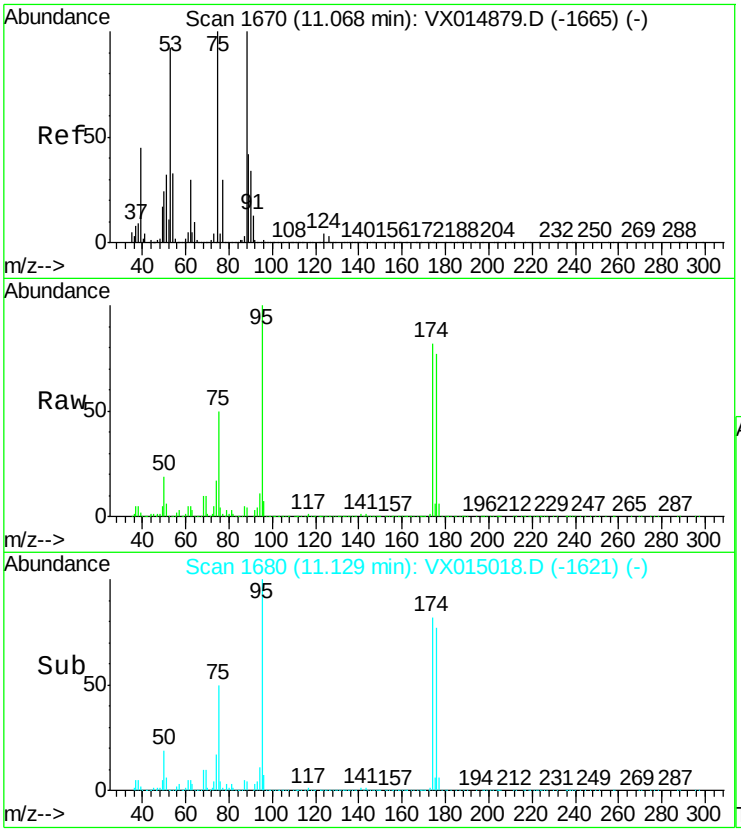


#76
1,2,3-Trichloropropane
Concen: 24.40 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion: 75 Resp: 145967

Ion	Ratio	Lower	Upper
75	100		
77	1.6	18.4	55.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.45 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tgt Ion: 75 Resp: 145967

Ion	Ratio	Lower	Upper
75	100		
53	0.5	76.2	114.2#
89	0.1	35.8	53.6#