Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071718\
Data File : VX003434.D
Acq On : 17 Jul 2018 18:08
Operator : JC/MD
Sample : J3996-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-1

Quant Time: Jul 18 01:02:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	284691	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	431382	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	396460	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240316	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	176074	47.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.46%				
35) Dibromofluoromethane	5.50	113	160336	45.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.88%				
50) Toluene-d8	8.72	98	674639	52.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.76%				
62) 4-Bromofluorobenzene	11.14	95	229604	49.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.86%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	802	0.23	ug/l	#	75
5) Bromomethane	1.67	94	1672	Below Cal			89
6) Chloroethane	1.71	64	167	Below Cal		#	43
10) Methyl Iodide	2.52	142	1397	0.41	ug/l		99
11) Tert butyl alcohol	3.07	59	362	0.43	ug/l	#	61
13) Acrolein	2.30	56	104	0.26	ug/l	#	14
14) Allyl chloride	2.85	41	25945	4.77	ug/l	#	24
16) Acetone	2.45	43	17817	11.49	ug/l	#	87
18) Methyl Acetate	2.79	43	9965	1.97	ug/l		92
20) Methylene Chloride	2.86	84	645604	181.25	ug/l		95
25) 2-Butanone	4.73	43	3386	1.40	ug/l		95
29) Tetrahydrofuran	5.17	42	1241	0.81	ug/l	#	36
30) Chloroform	5.22	83	2696	0.49	ug/l		93
31) Cyclohexane	5.68	56	4590	0.99	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	17938	4.11	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	24973	5.62	ug/l	#	16
43) Isopropyl Acetate	6.48	43	134657	18.12	ug/l	#	93
47) Bromodichloromethane	7.90	83	1101	0.26	ug/l	#	80
48) Methyl methacrylate	7.70	41	8583	2.26	ug/l	#	23
51) 4-Methyl-2-Pentanone	8.62	43	4981	1.02	ug/l	#	39
53) t-1,3-Dichloropropene	8.63	75	1663	0.33	ug/l	#	44
59) 2-Hexanone	9.55	43	12103	3.22	ug/l	#	63
74) N-amyl acetate	6.48	43	134657	18.20	ug/l	#	93
76) 1,2,3-Trichloropropane	11.14	75	100033	22.99	ug/l	#	33
79) 2-Chlorotoluene	11.42	91	2585	0.25	ug/l		85
81) trans-1,4-Dichloro-2-buten	11.14	75	100033	74.70	ug/l	#	7
82) 4-Chlorotoluene	11.42	91	2585	0.21	ug/l		92
84) 1,2,4-Trimethylbenzene	11.81	105	6205	0.48	ug/l		96
95) Naphthalene	13.84	128	186343	11.83	ug/l		100

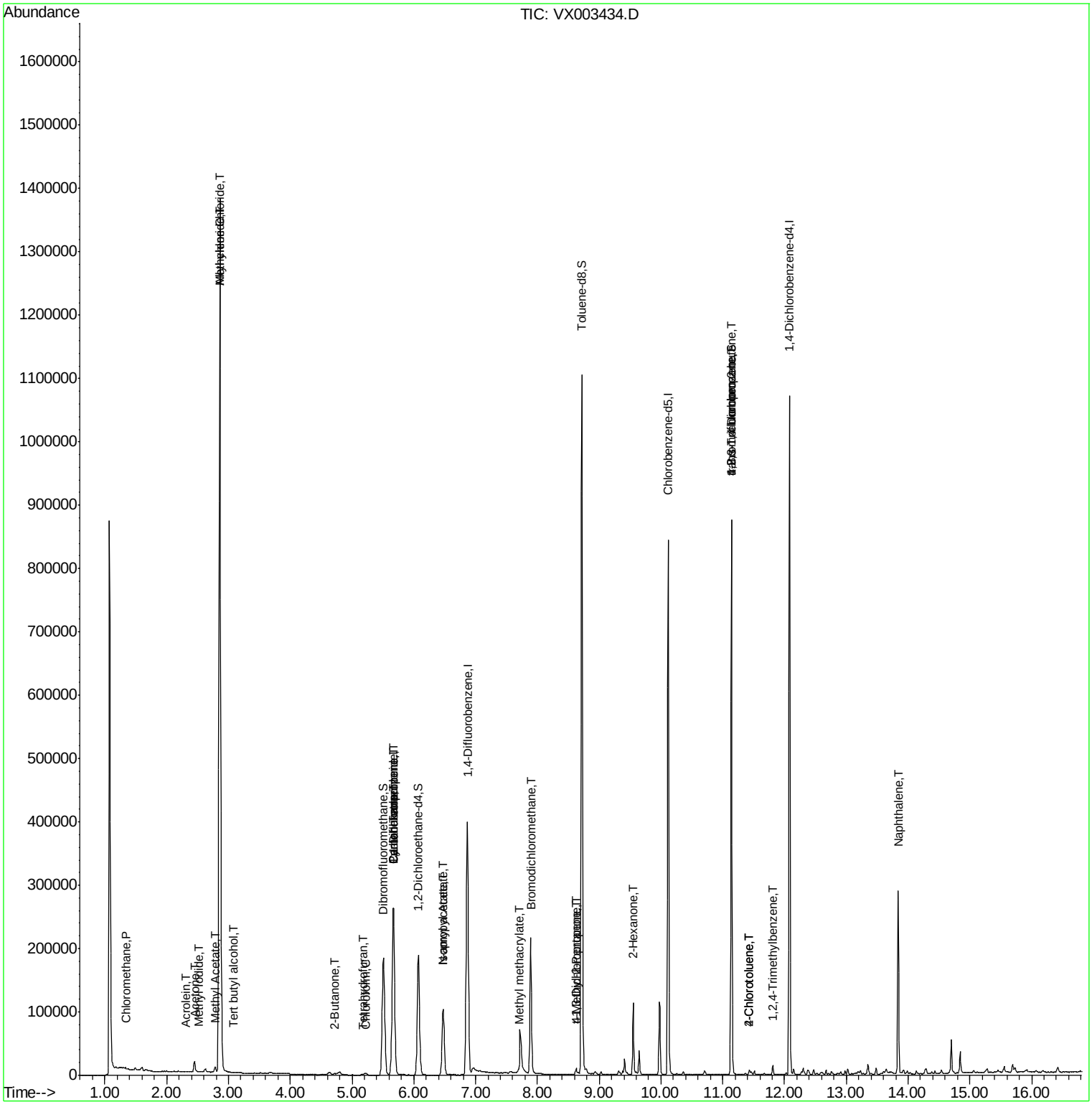
(#) = qualifier out of range (m) = manual integration (+) = signals summed

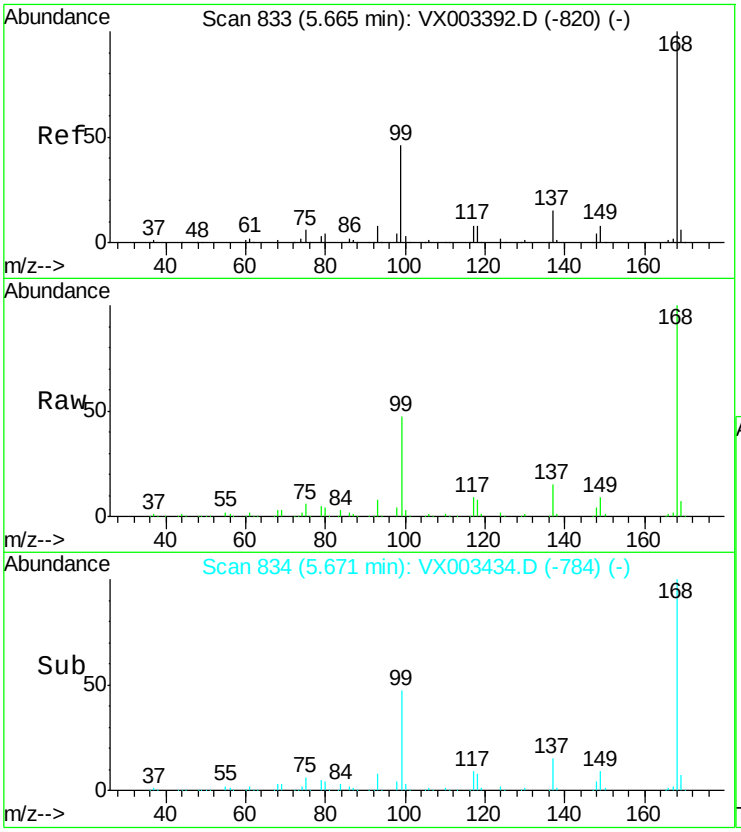
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
Data File : VX003434.D
Acq On : 17 Jul 2018 18:08
Operator : JC/MD
Sample : J3996-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Quant Time: Jul 18 01:02:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration



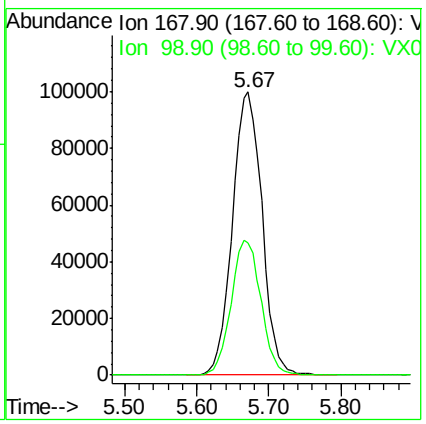


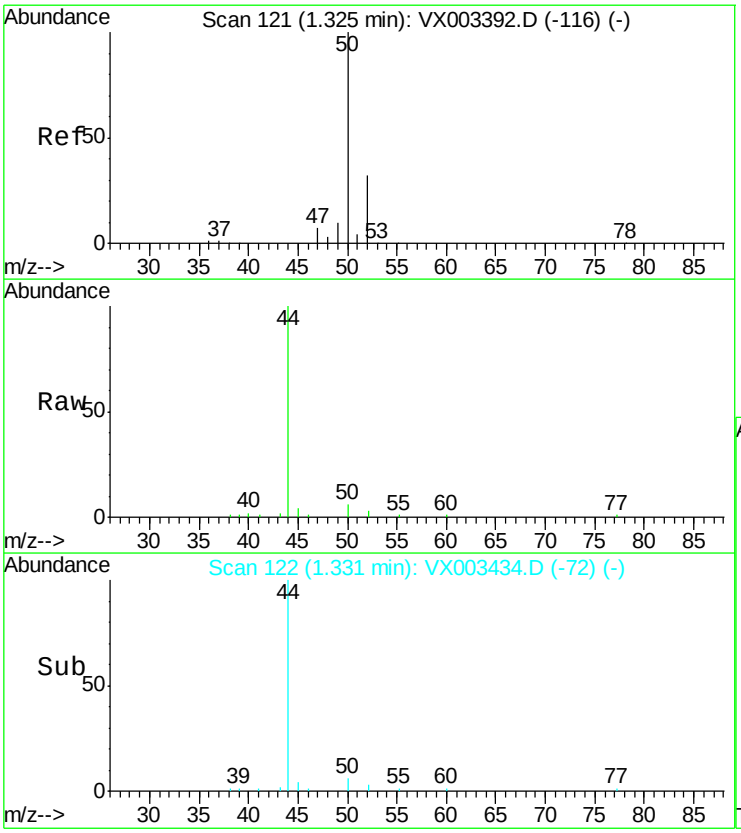
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tgt Ion:168 Resp: 284691

Ion	Ratio	Lower	Upper
168	100		
99	47.0	39.3	58.9

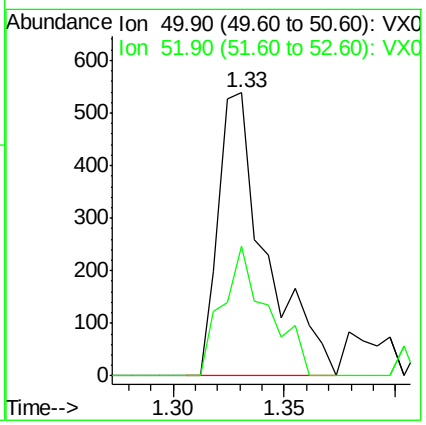


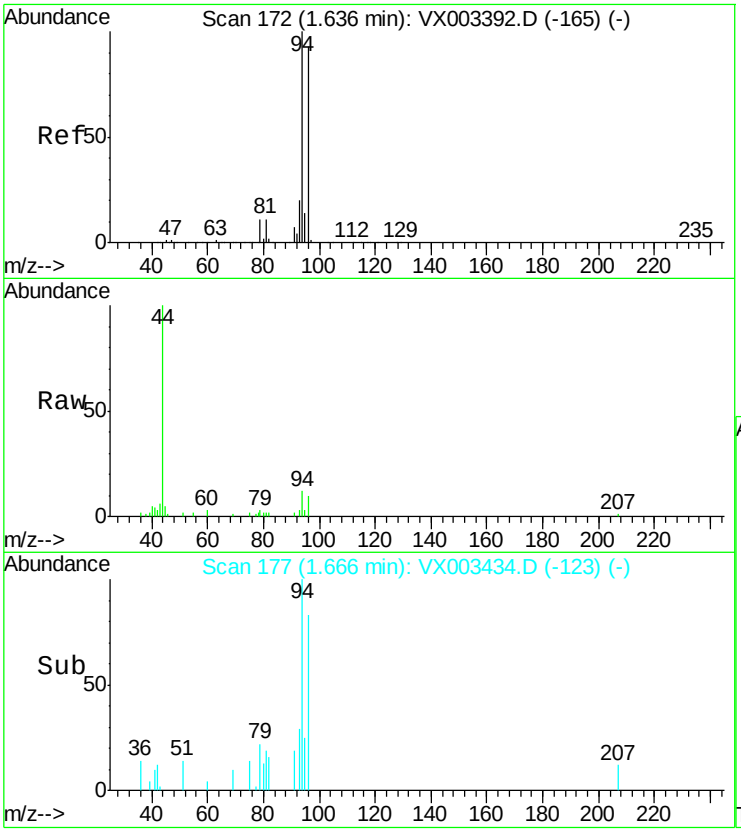


#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 50 Resp: 802

Ion	Ratio	Lower	Upper
50	100		
52	46.1	25.7	38.5#



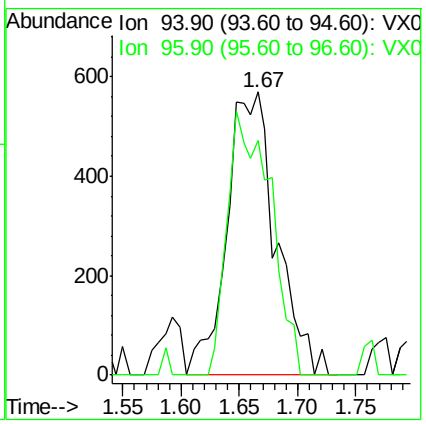


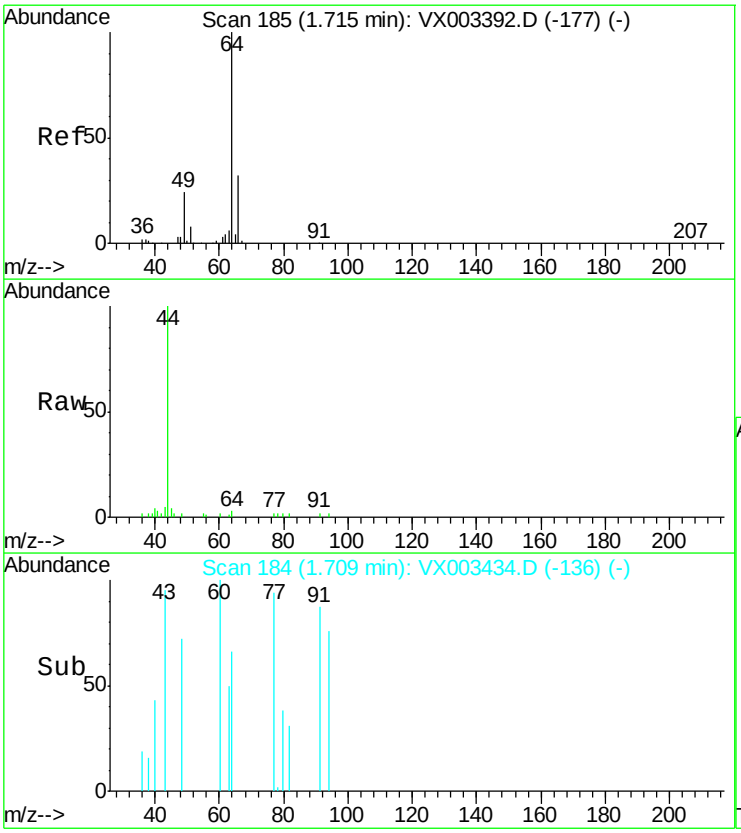
#5
Bromomethane
Concen: Below Cal
RT: 1.67 min Scan# 177
Delta R.T. 0.03 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tgt Ion: 94 Resp: 1672

Ion	Ratio	Lower	Upper
94	100		
96	83.1	74.9	112.3

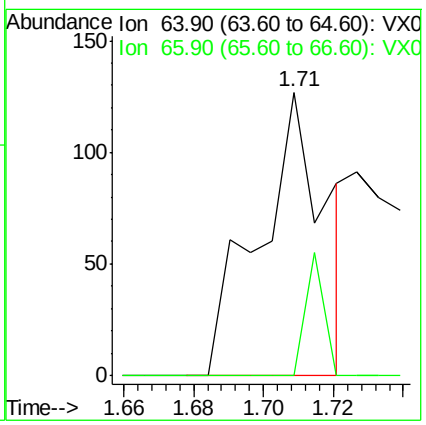


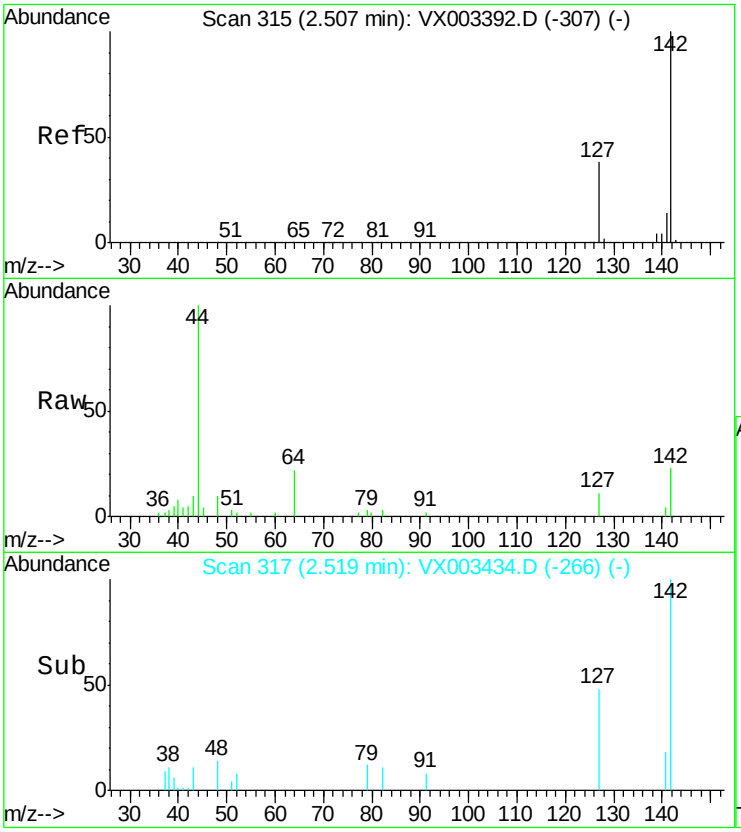


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 64 Resp: 167

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



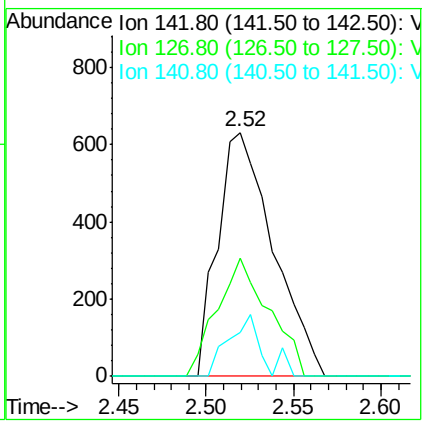


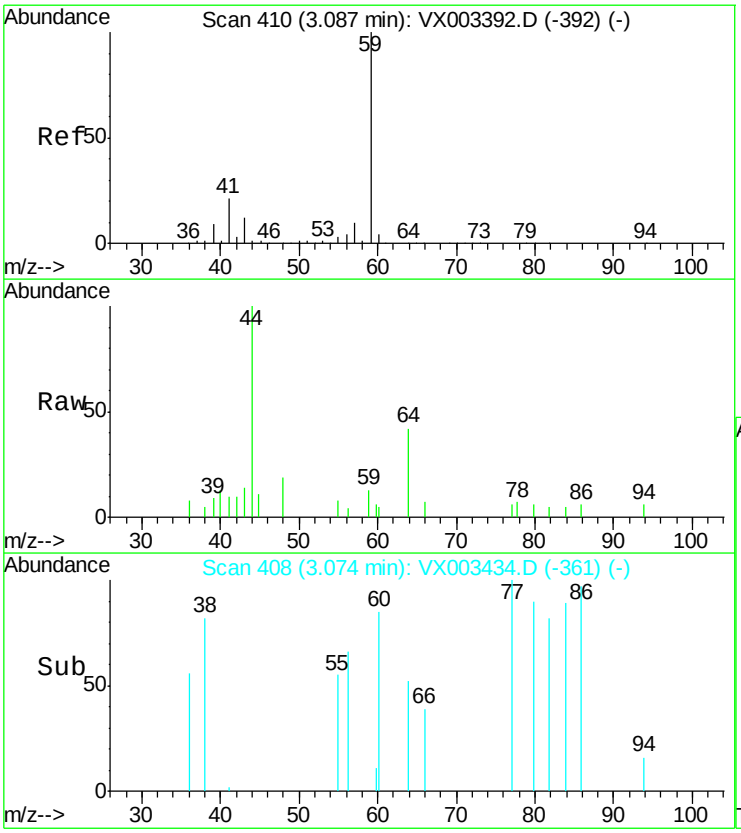
#10
Methyl Iodide
Concen: 0.41 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument : MSVOA_X
ClientSampleId : MH-1

Tgt Ion:142 Resp: 1397

Ion	Ratio	Lower	Upper
142	100		
127	45.4	36.6	55.0
141	13.2	11.3	16.9

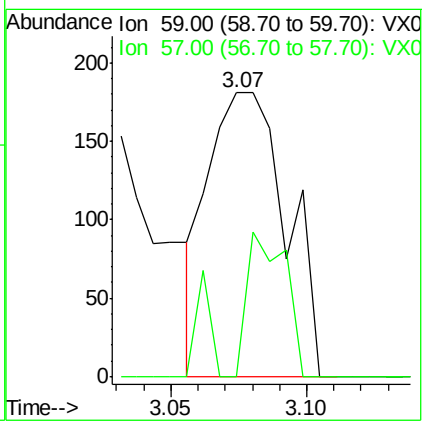


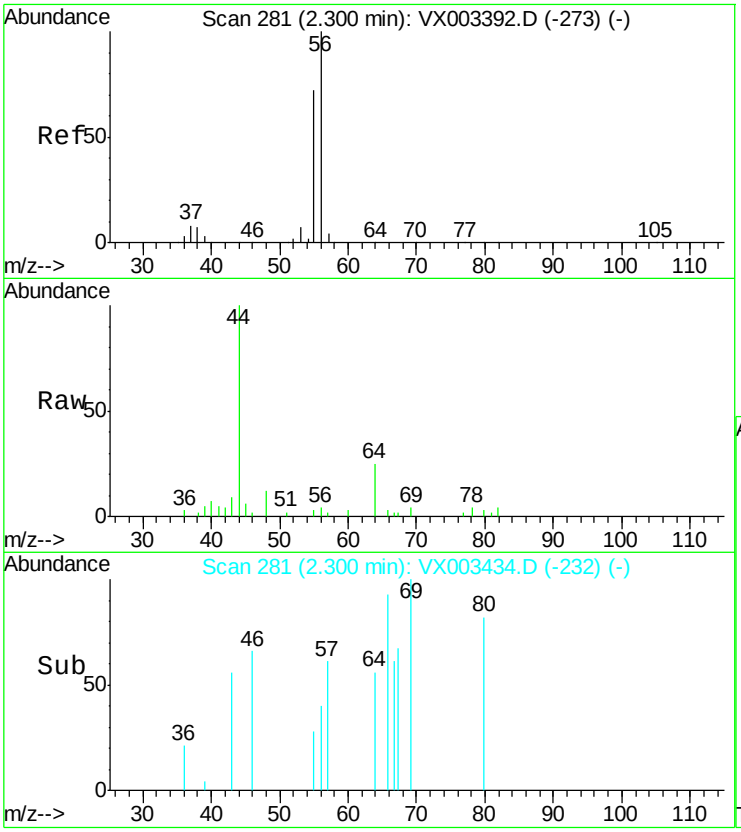


#11
Tert butyl alcohol
Concen: 0.43 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 59 Resp: 362

Ion	Ratio	Lower	Upper
59	100		
57	24.9	8.2	12.2#



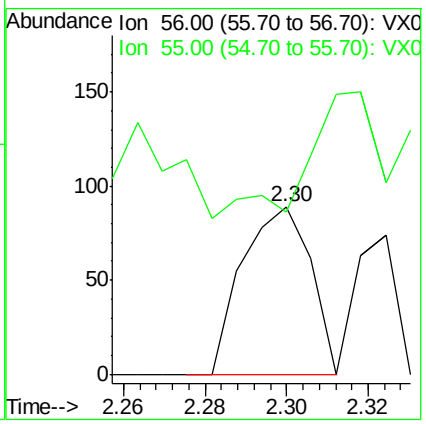


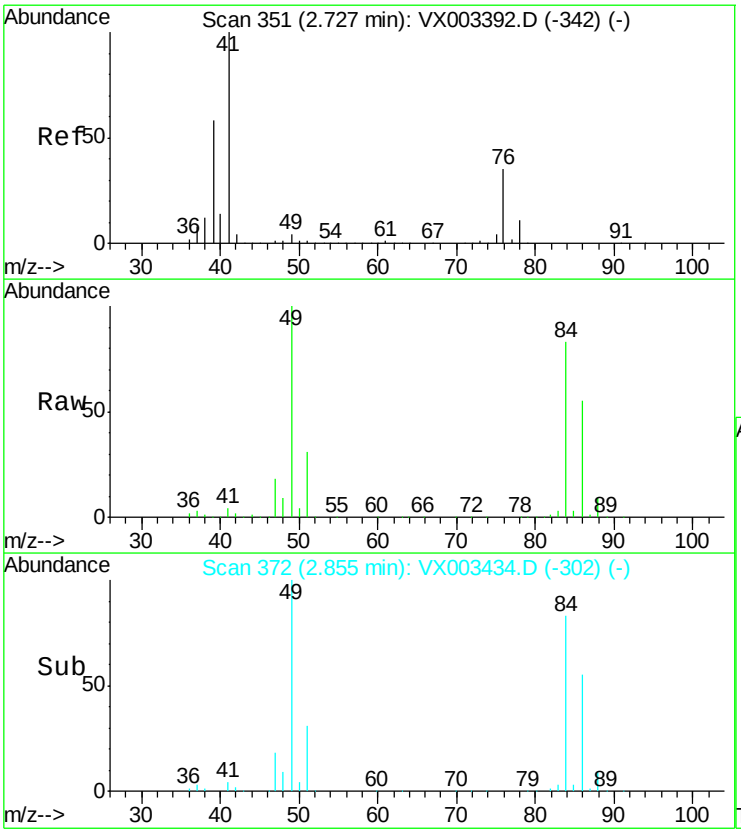
#13
Acrolein
Concen: 0.26 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument : MSVOA_X
ClientSampleId : MH-1

Tgt Ion: 56 Resp: 104

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

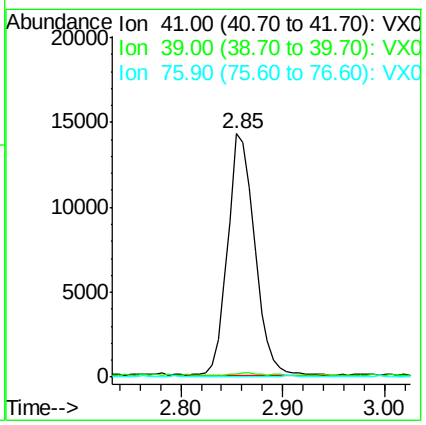


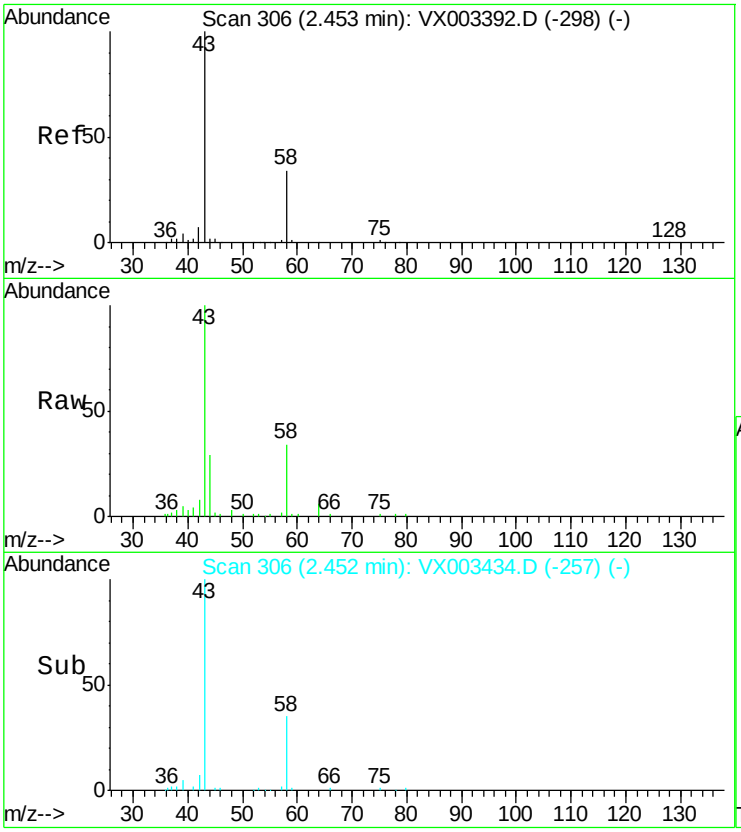


#14
Allyl chloride
Concen: 4.77 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.13 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 41 Resp: 25945

Ion	Ratio	Lower	Upper
41	100		
39	1.3	56.8	85.2#
76	0.0	23.8	35.8#



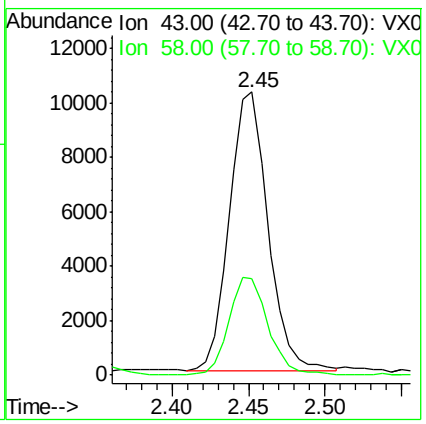


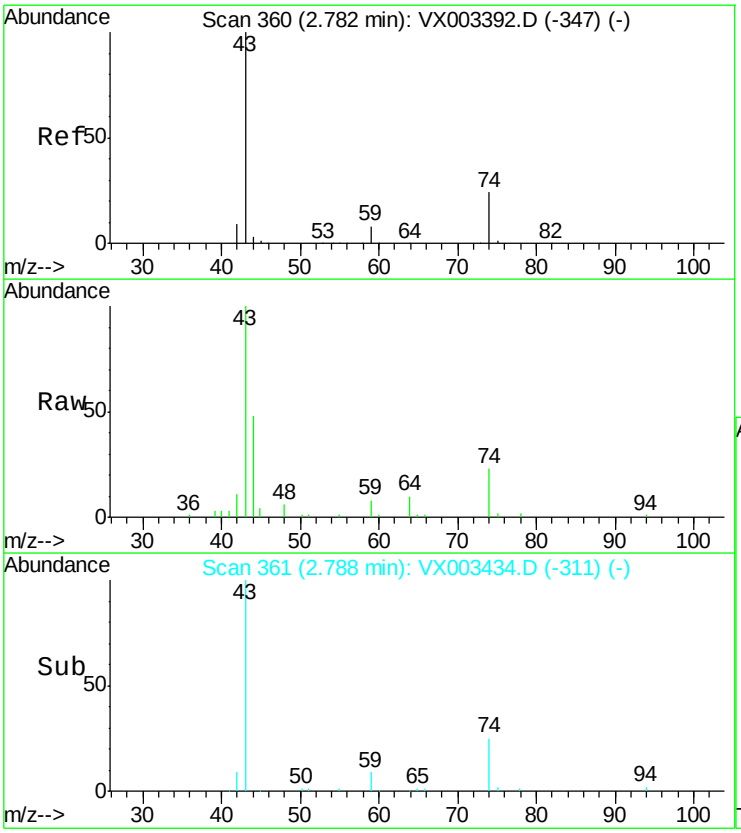
#16
Acetone
Concen: 11.49 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tgt Ion: 43 Resp: 17817

Ion	Ratio	Lower	Upper
43	100		
58	34.5	22.1	33.1#

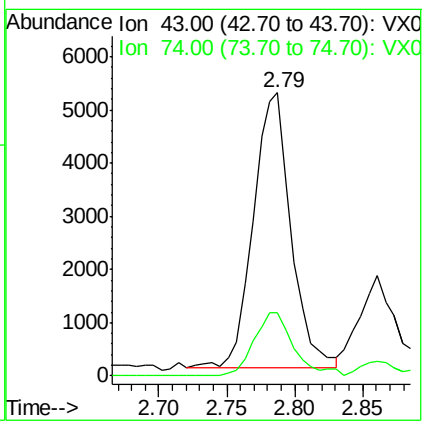


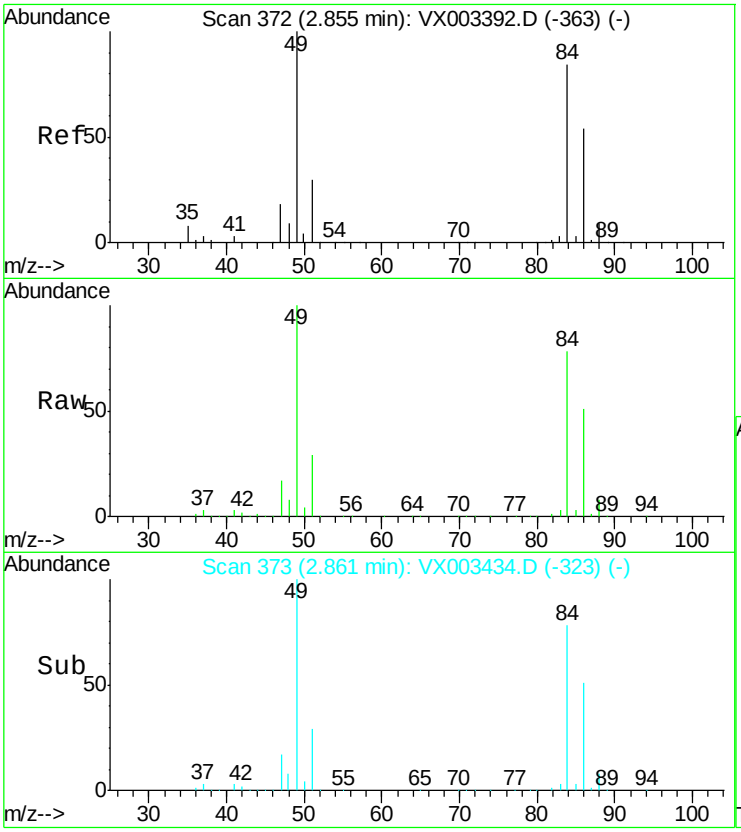


#18
Methyl Acetate
Concen: 1.97 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 43 Resp: 9965

Ion	Ratio	Lower	Upper
43	100		
74	24.4	16.7	25.1



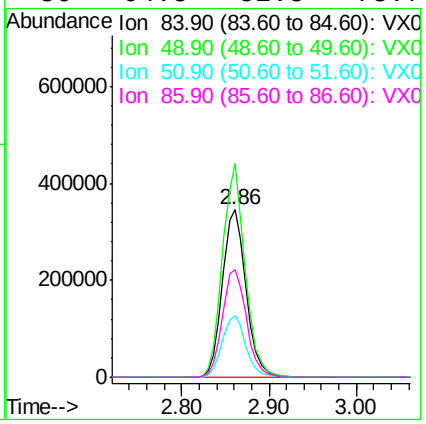


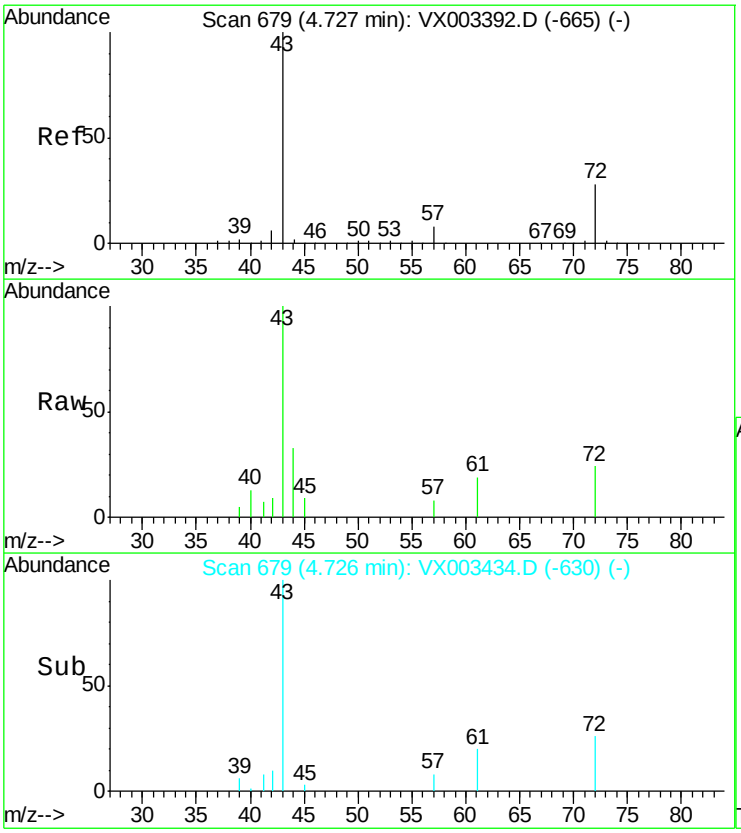
#20
Methylene Chloride
Concen: 181.25 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument : MSVOA_X
ClientSampleId : MH-1

Tgt Ion: 84 Resp: 645604

Ion	Ratio	Lower	Upper
84	100		
49	127.5	107.8	161.6
51	36.6	32.8	49.2
86	64.5	52.5	78.7

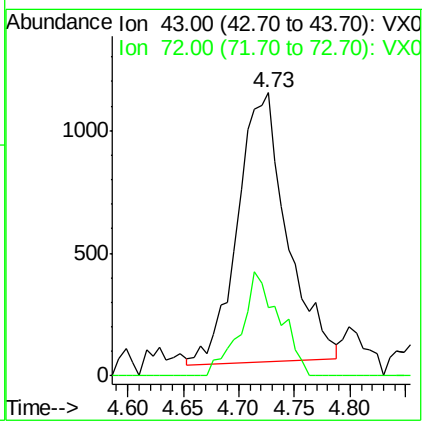


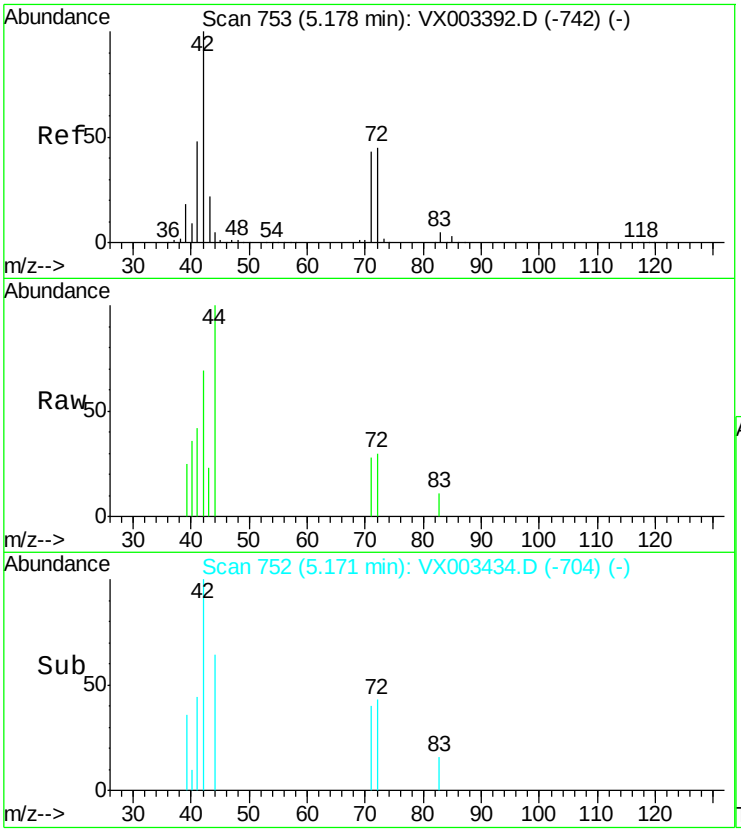


#25
2-Butanone
Concen: 1.40 ug/l
RT: 4.73 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 43 Resp: 3386

Ion	Ratio	Lower	Upper
43	100		
72	25.5	18.5	27.7



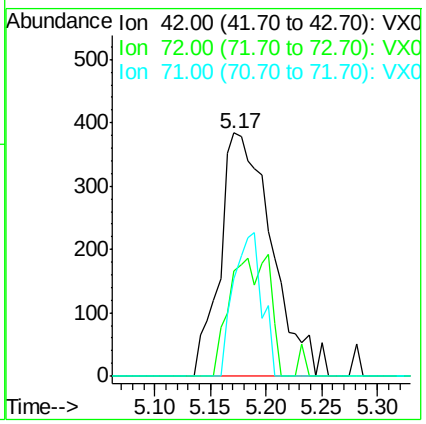


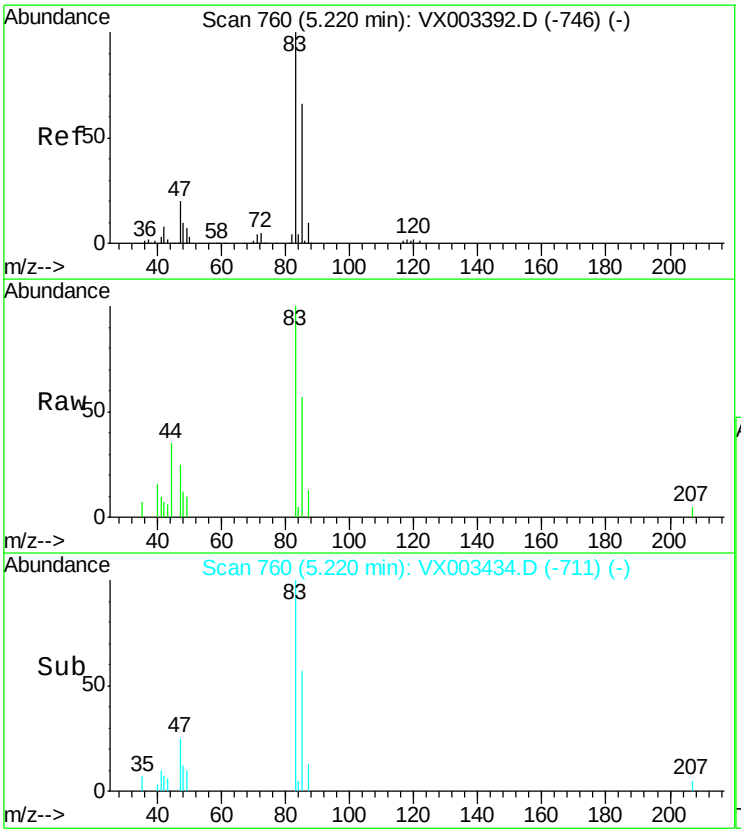
#29
Tetrahydrofuran
Concen: 0.81 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tgt Ion: 42 Resp: 1241

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

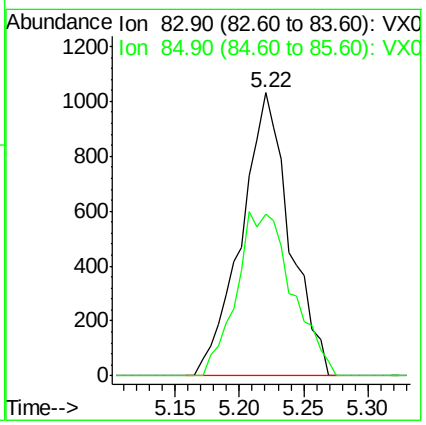


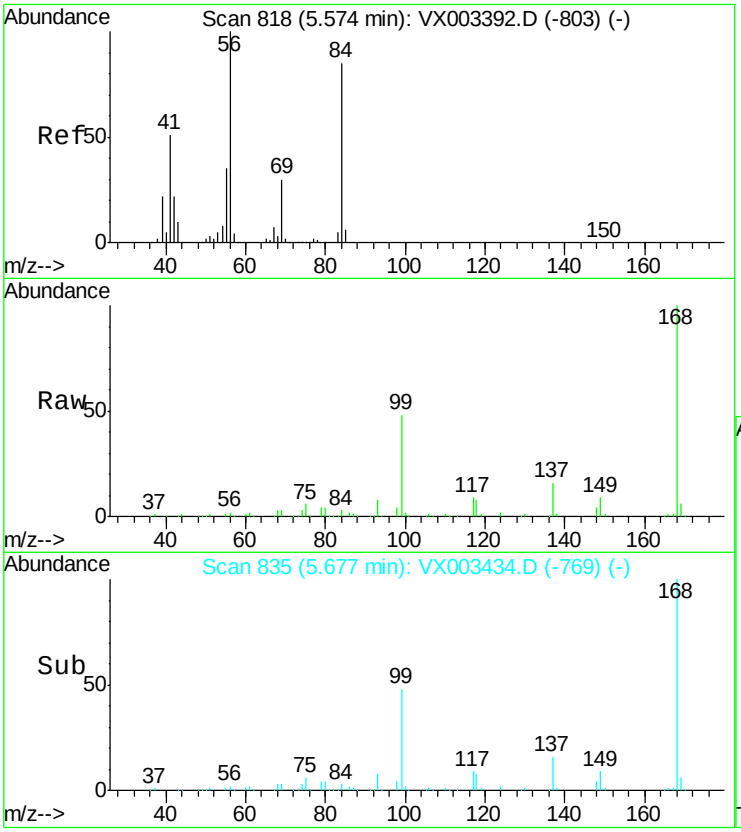


#30
Chloroform
Concen: 0.49 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 83 Resp: 2696

Ion	Ratio	Lower	Upper
83	100		
85	57.2	50.4	75.6



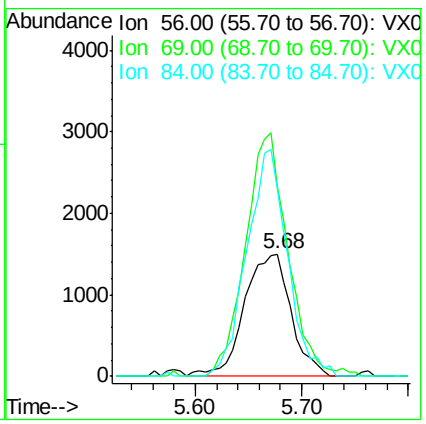


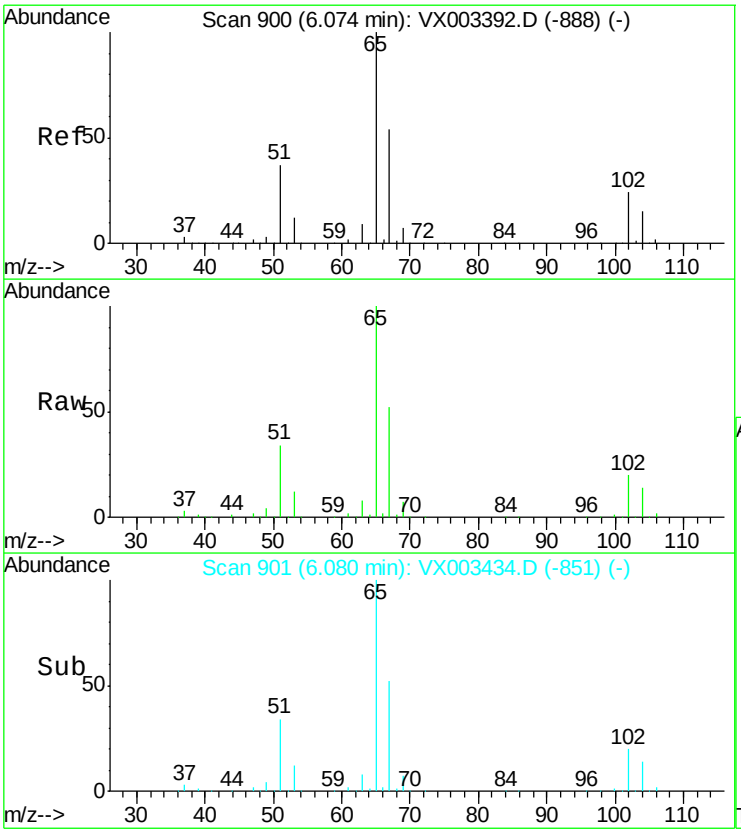
#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.10 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument : MSVOA_X
ClientSampleId : MH-1

Tgt Ion: 56 Resp: 4590

Ion	Ratio	Lower	Upper
56	100		
69	154.8	23.7	35.5#
84	152.4	64.1	96.1#

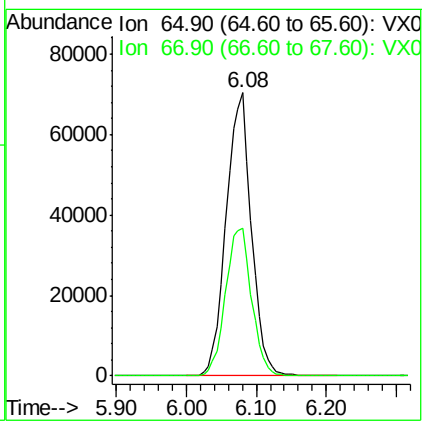


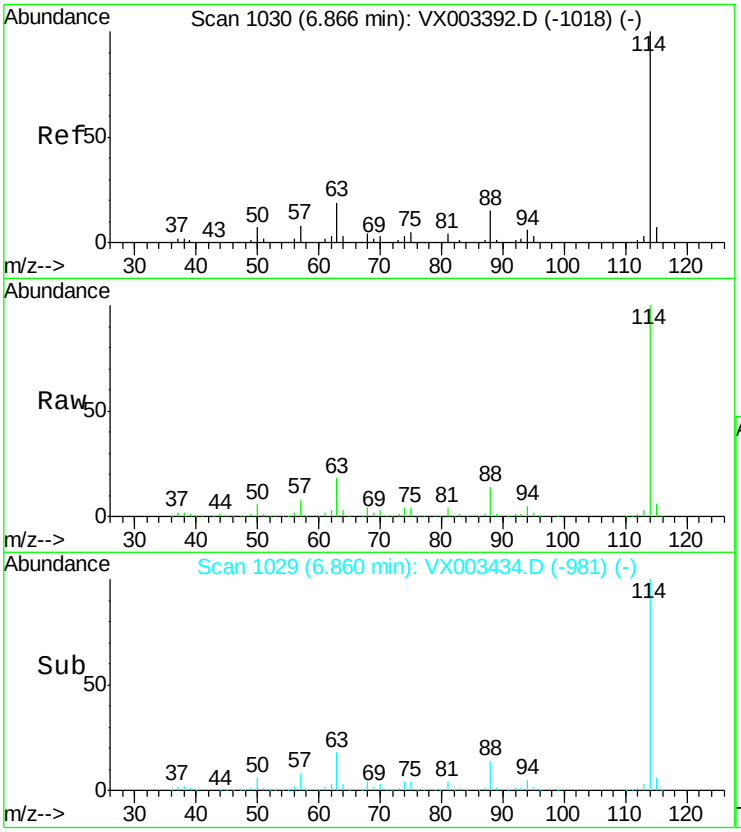


#33
1,2-Dichloroethane-d4
Concen: 47.23 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 65 Resp: 176074

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	102.6



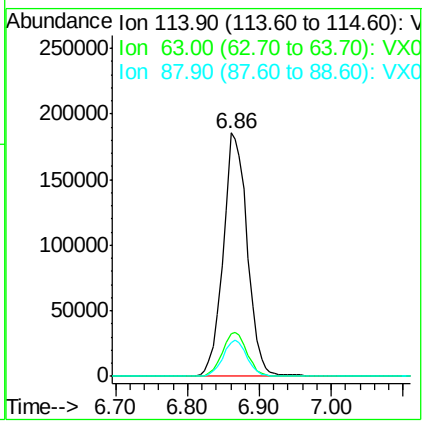


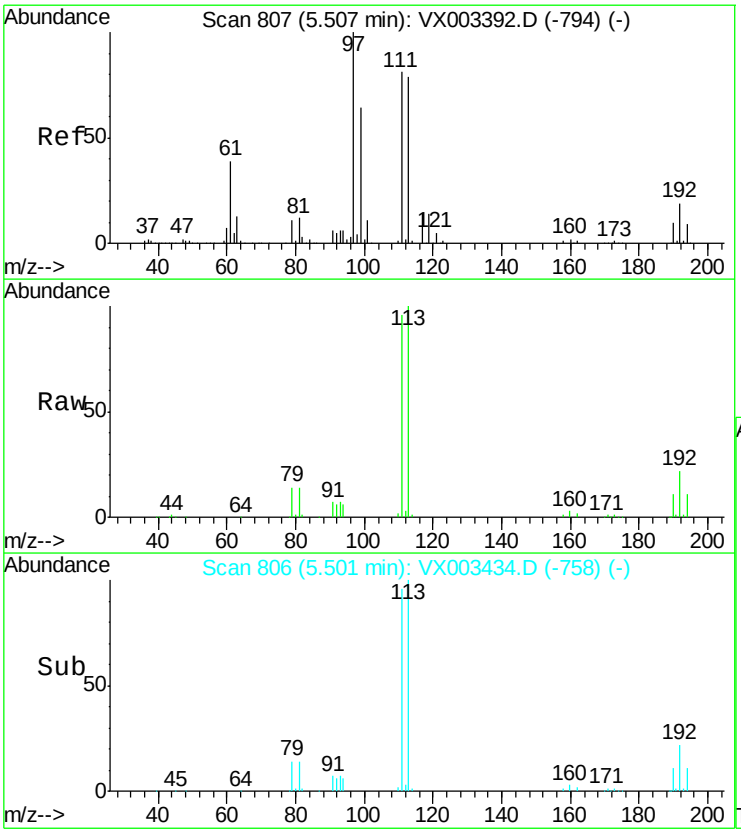
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tgt Ion:114 Resp: 431382

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	41.4
88	13.9	0.0	30.0

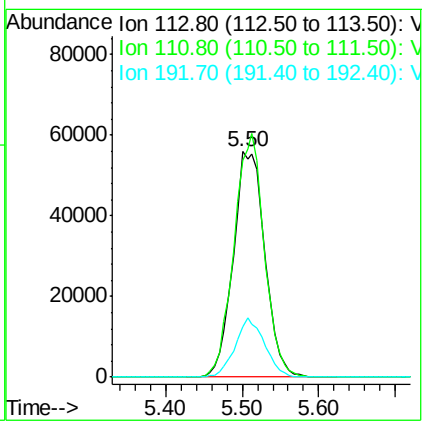


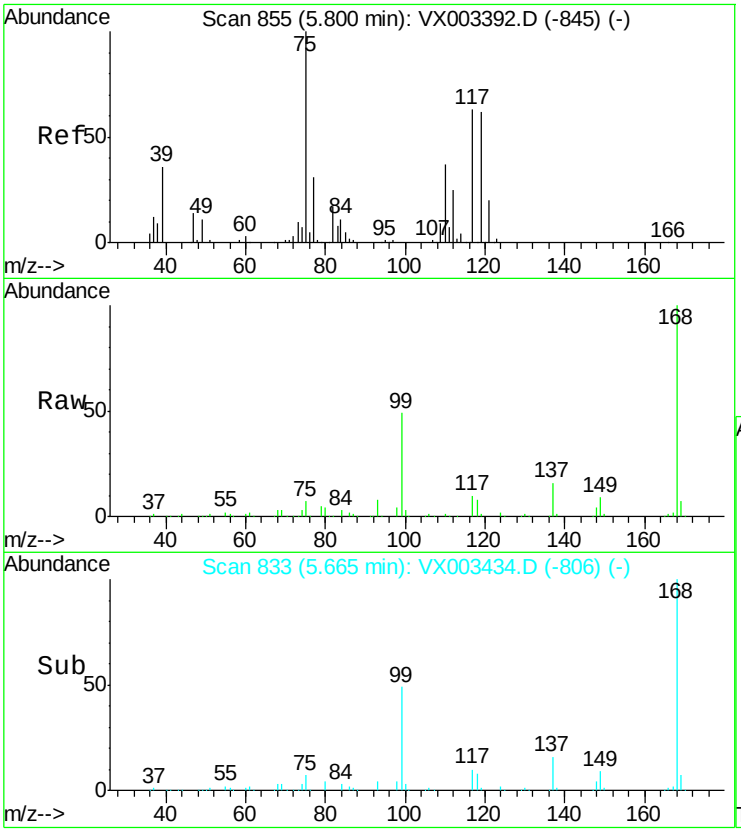


#35
Dibromofluoromethane
Concen: 45.94 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion:113 Resp: 160336

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	24.4	19.1	28.7



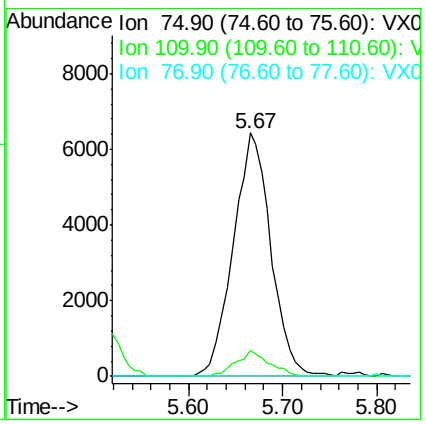


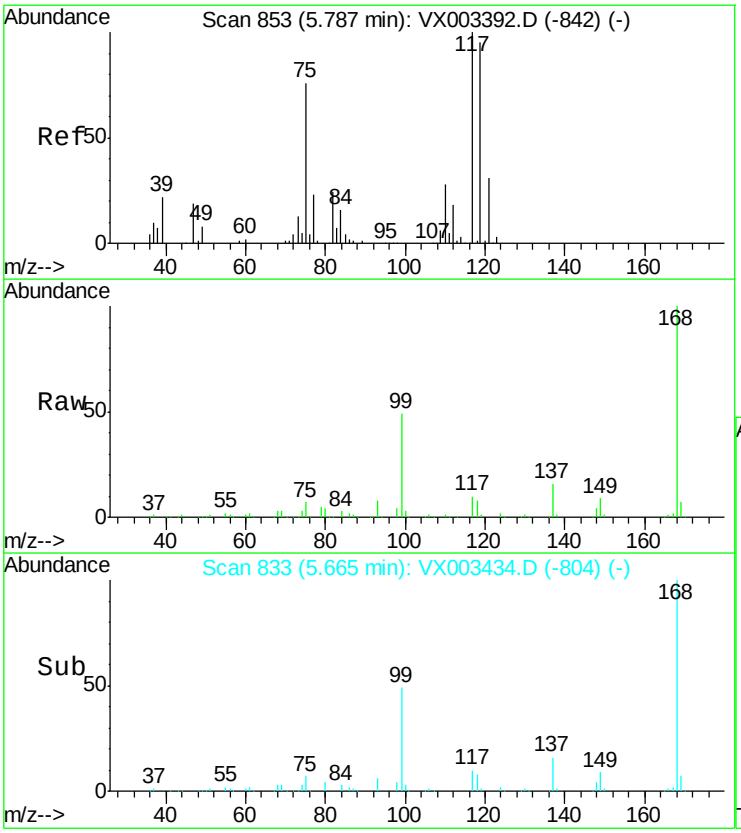
#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument : MSVOA_X
ClientSampleId : MH-1

Tgt Ion: 75 Resp: 17938

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	24.3	36.5#

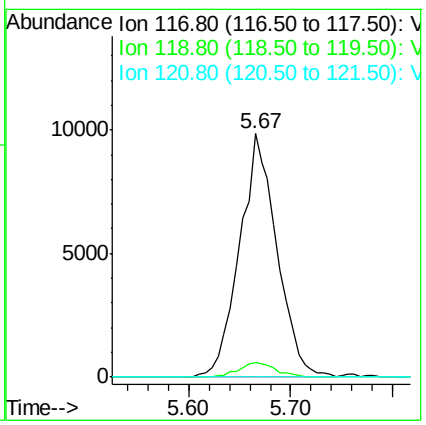


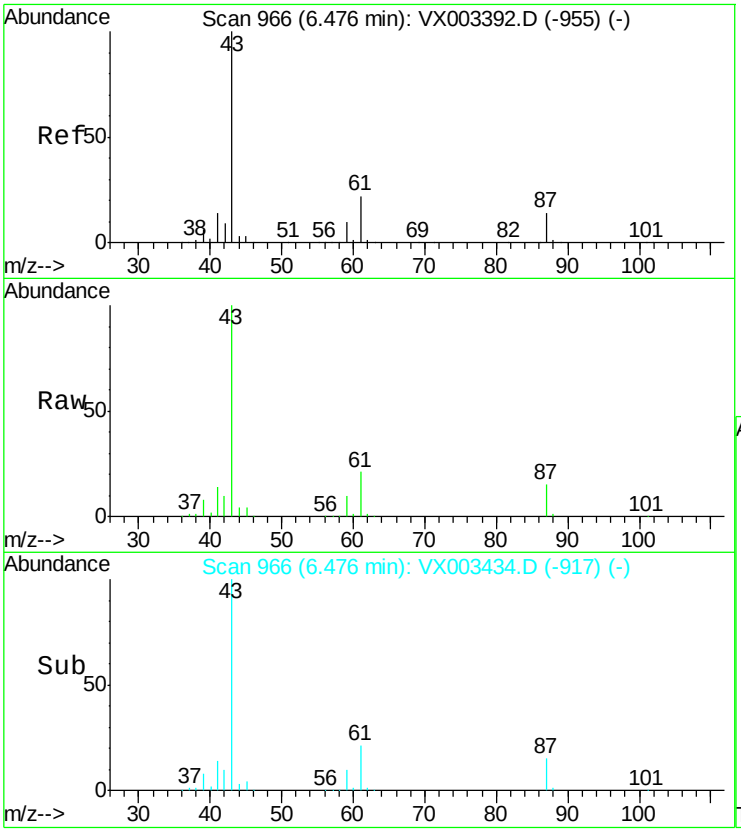


#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion:117 Resp: 24973

Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.4	116.0#
121	0.0	24.4	36.6#



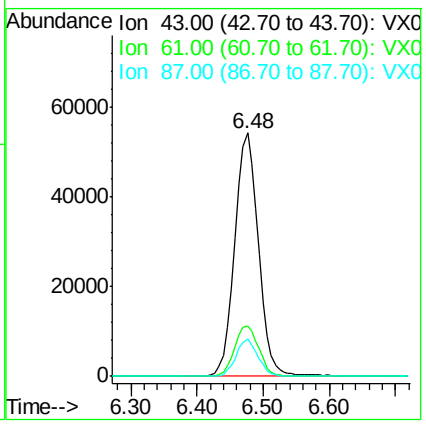


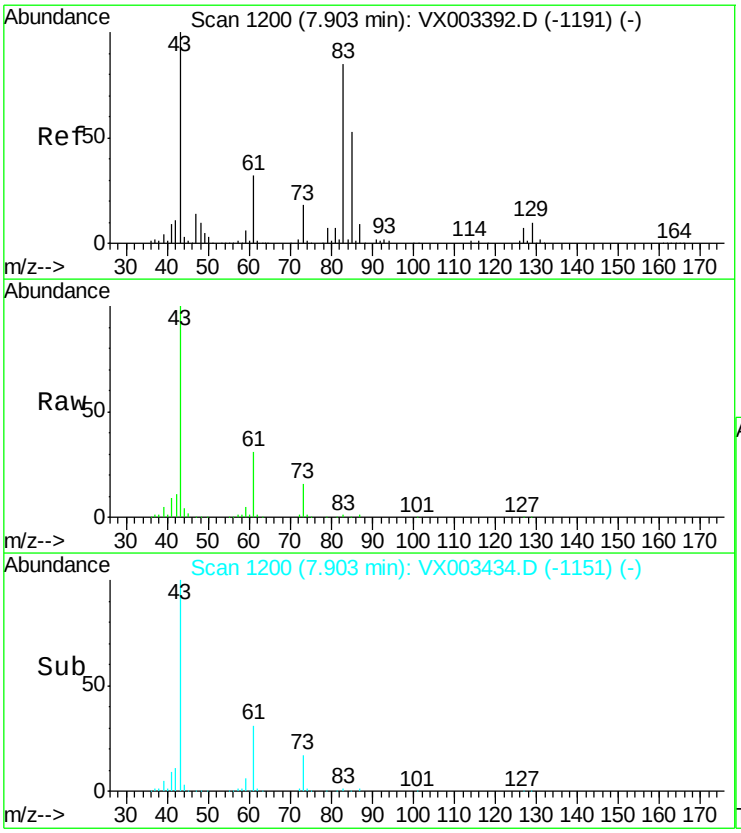
#43
Isopropyl Acetate
Concen: 18.12 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tgt Ion: 43 Resp: 134657

Ion	Ratio	Lower	Upper
43	100		
61	21.2	14.4	21.6
87	14.4	9.5	14.3#

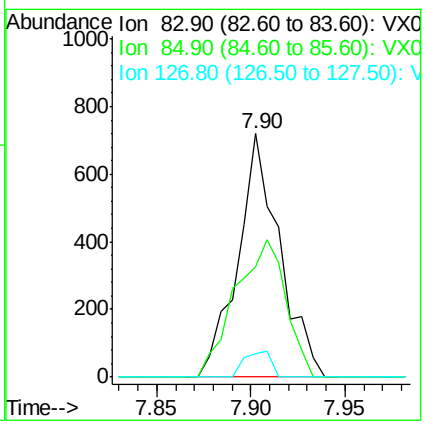


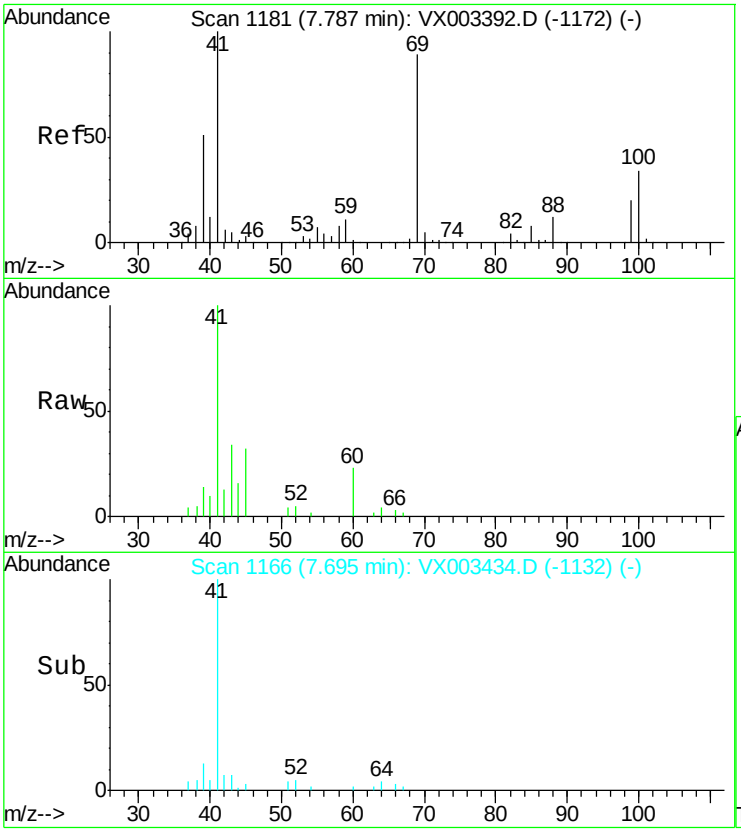


#47
Bromodichloromethane
Concen: 0.26 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 83 Resp: 1101

Ion	Ratio	Lower	Upper
83	100		
85	45.3	50.3	75.5#
127	9.6	7.0	10.4



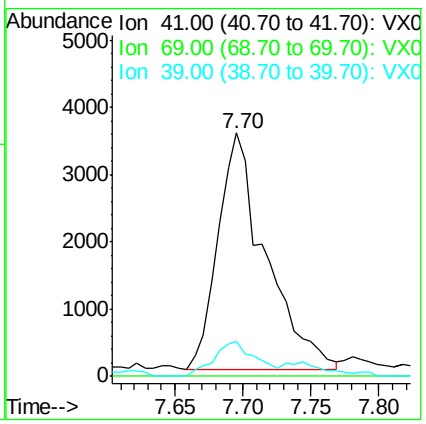


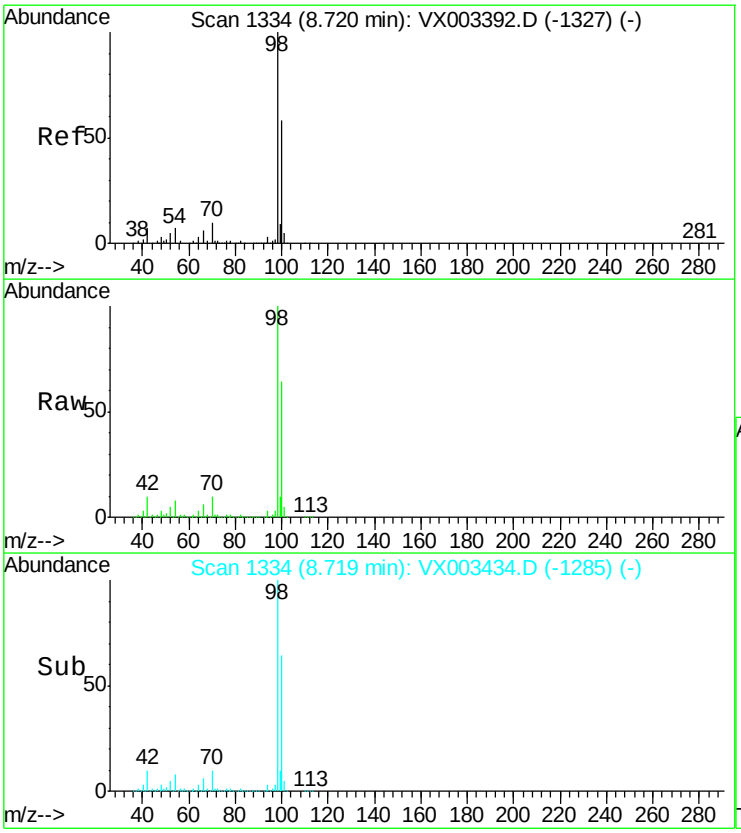
#48
Methyl methacrylate
Concen: 2.26 ug/l
RT: 7.70 min Scan# 1166
Delta R.T. -0.09 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument : MSVOA_X
ClientSampleId : MH-1

Tgt Ion: 41 Resp: 8583

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	12.8	48.9	73.3#

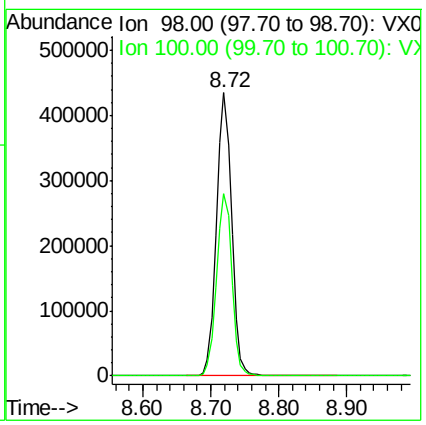


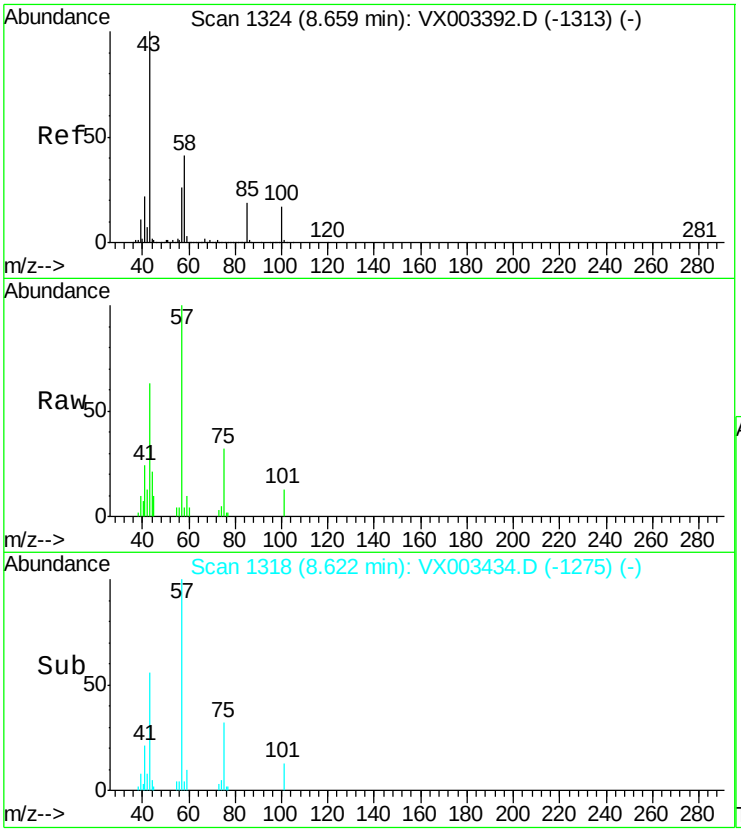


#50
Toluene-d8
Concen: 52.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 98 Resp: 674639

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3



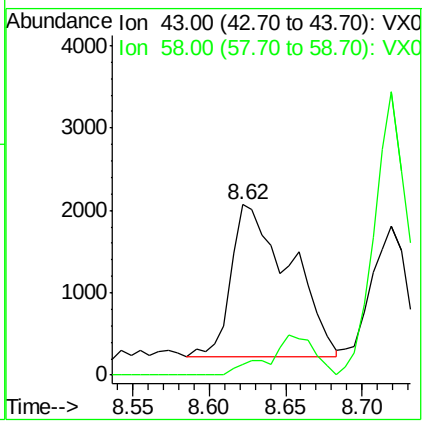


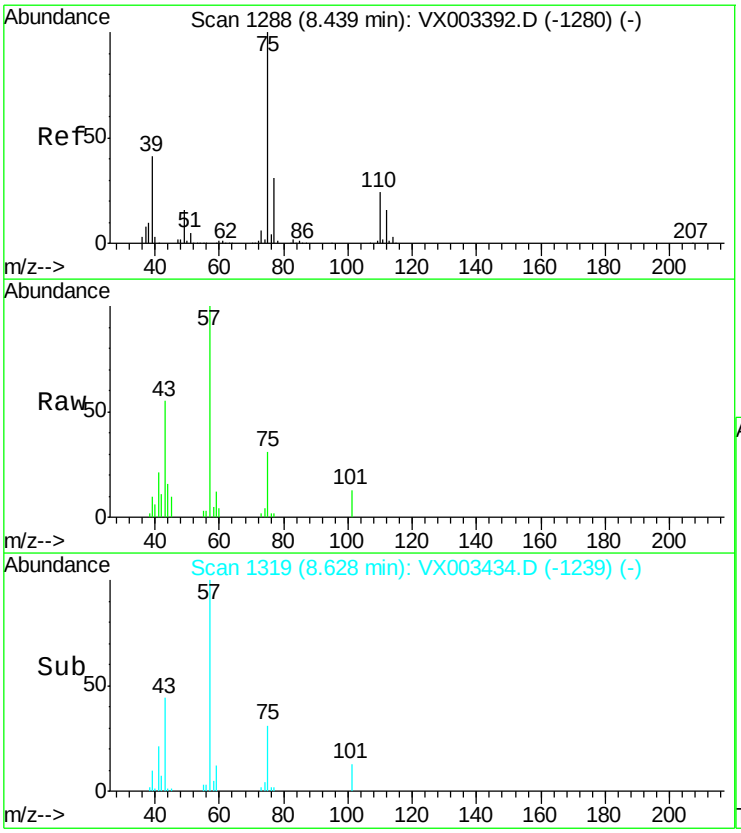
#51
4-Methyl-2-Pentanone
Concen: 1.02 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. -0.04 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument : MSVOA_X
ClientSampleId : MH-1

Tgt Ion: 43 Resp: 4981

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	42.8#

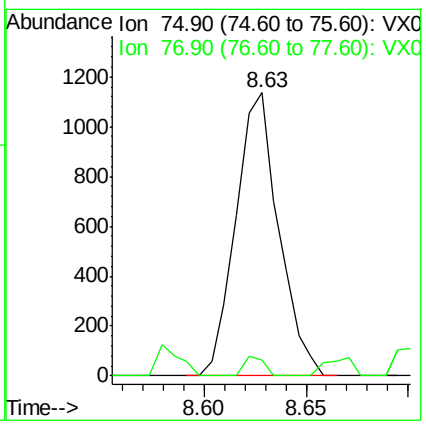


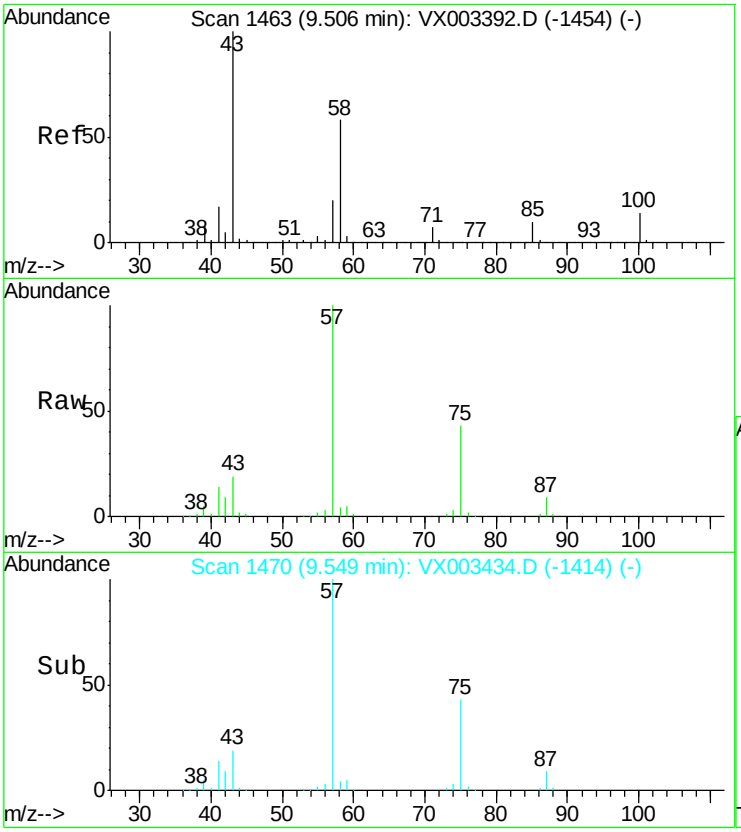


#53
t-1,3-Dichloropropene
Concen: 0.33 ug/l
RT: 8.63 min Scan# 1319
Delta R.T. 0.19 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 75 Resp: 1663

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.4	38.2#



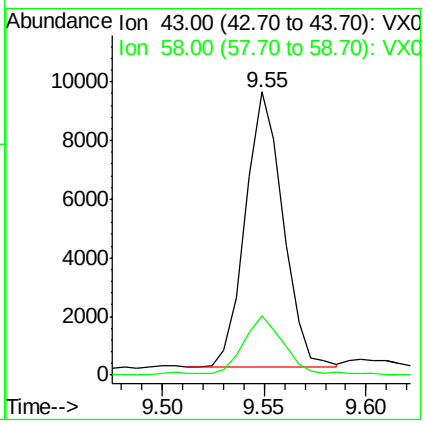


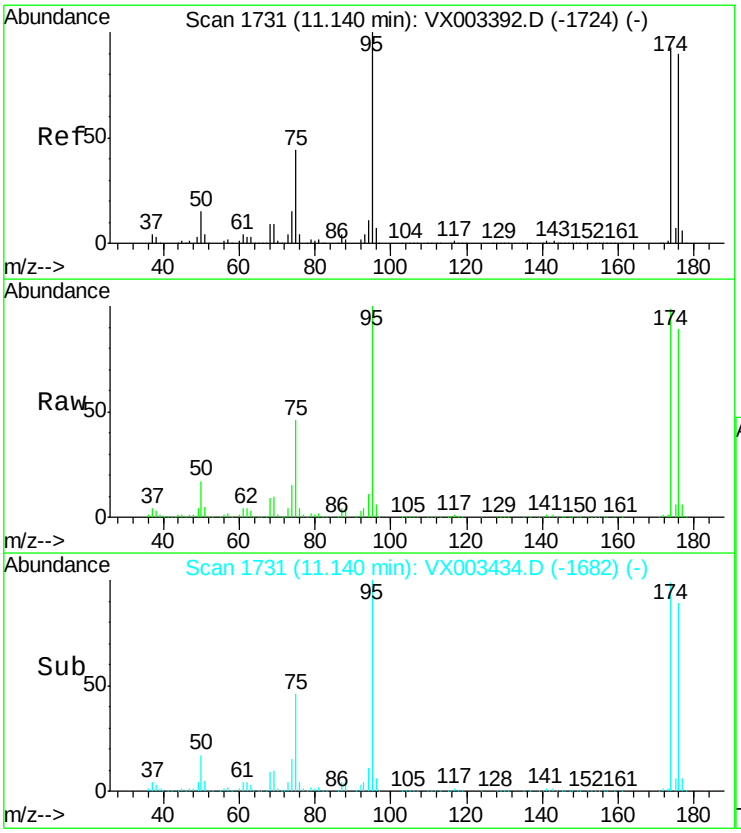
#59
2-Hexanone
Concen: 3.22 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.04 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument : MSVOA_X
ClientSampleId : MH-1

Tgt Ion: 43 Resp: 12103

Ion	Ratio	Lower	Upper
43	100		
58	23.6	24.6	73.6#

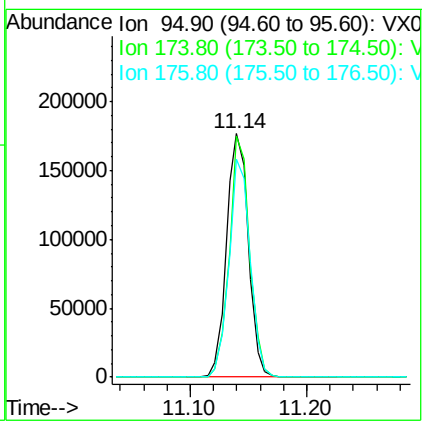


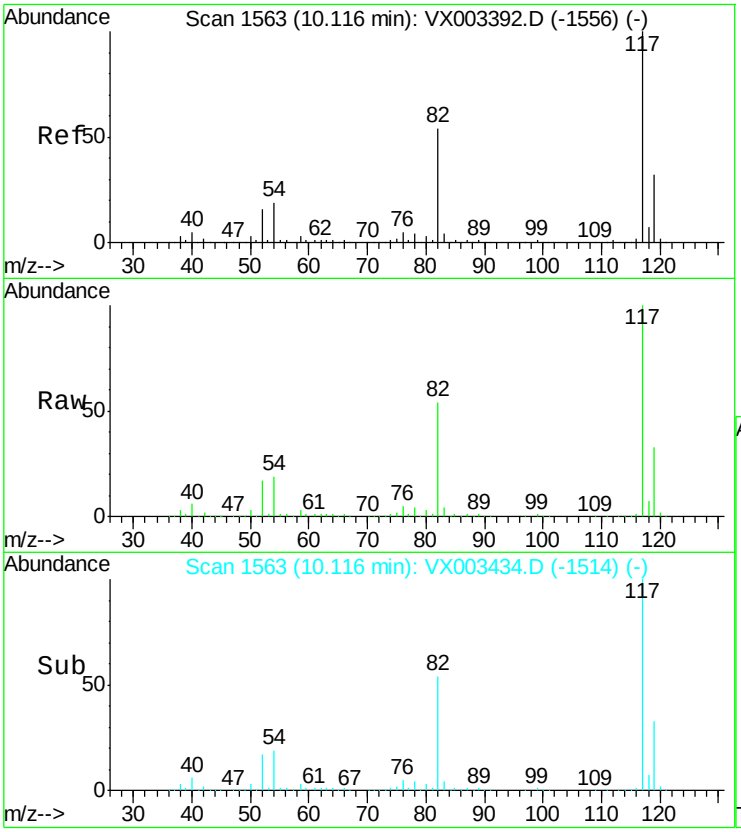


#62
4-Bromofluorobenzene
Concen: 49.93 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 95 Resp: 229604

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	187.4
176	87.7	0.0	181.0



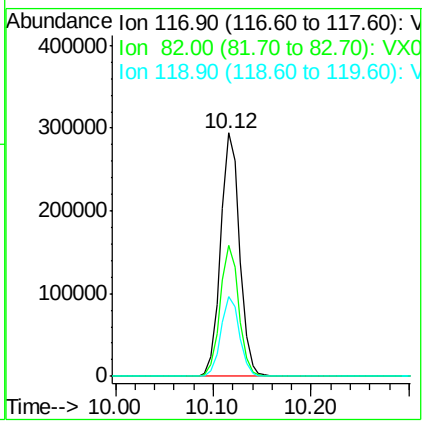


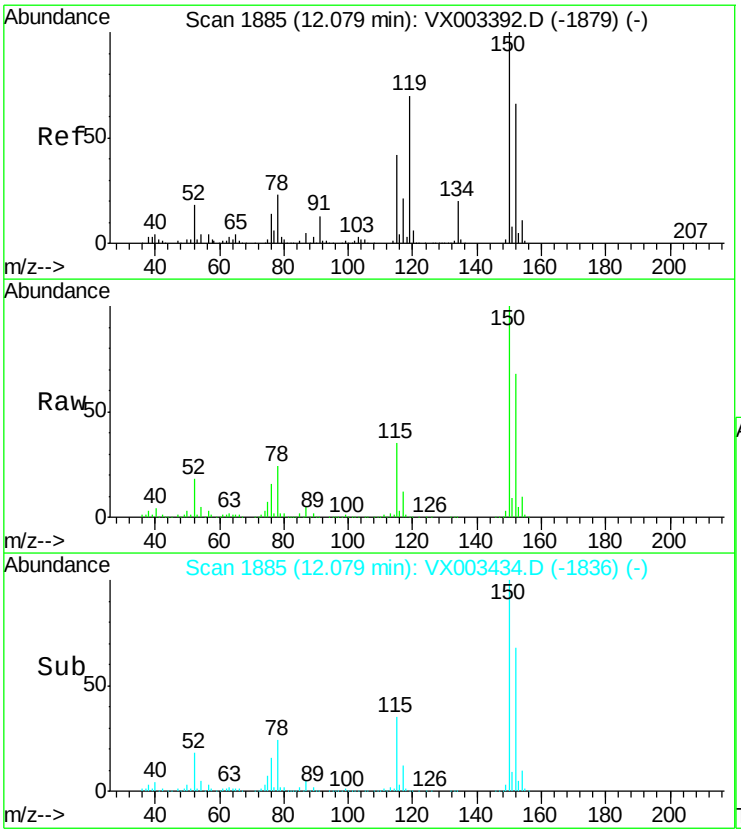
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument : MSVOA_X
ClientSampleId : MH-1

Tgt Ion:117 Resp: 396460

Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.0	67.4
119	32.6	25.8	38.6

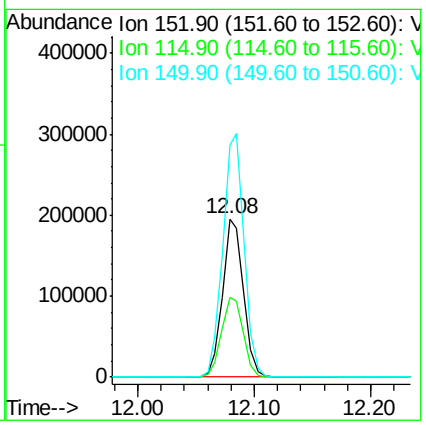


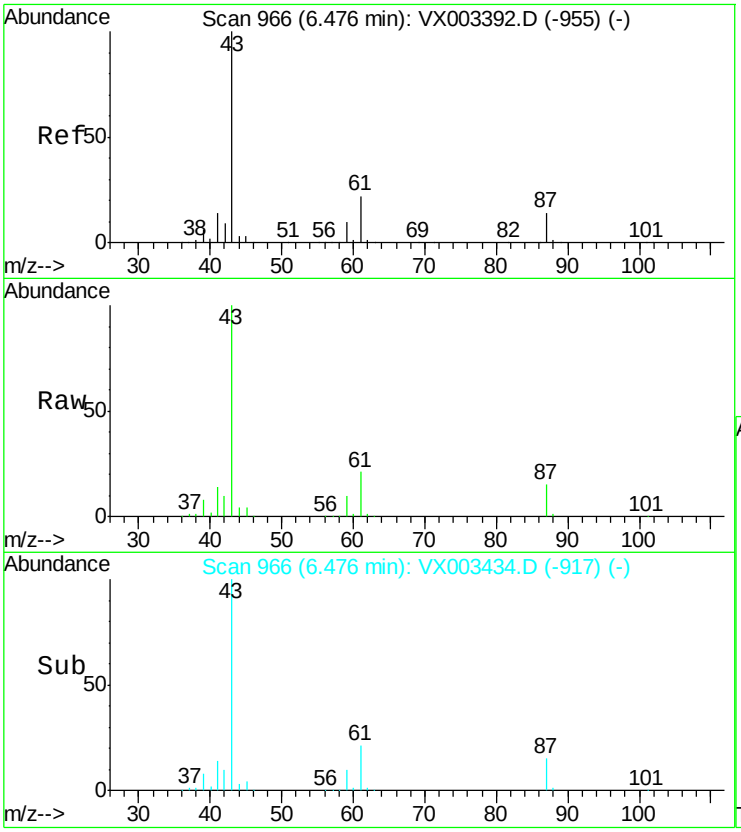


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion:152 Resp: 240316

Ion	Ratio	Lower	Upper
152	100		
115	52.7	40.1	120.2
150	157.0	0.0	347.2



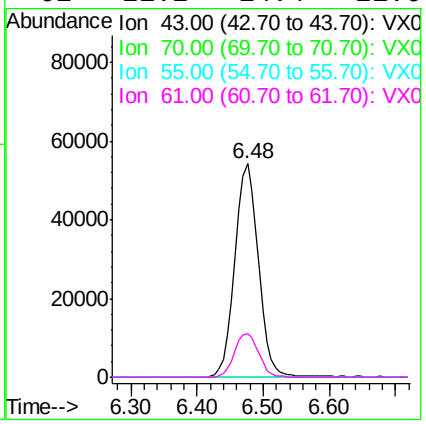


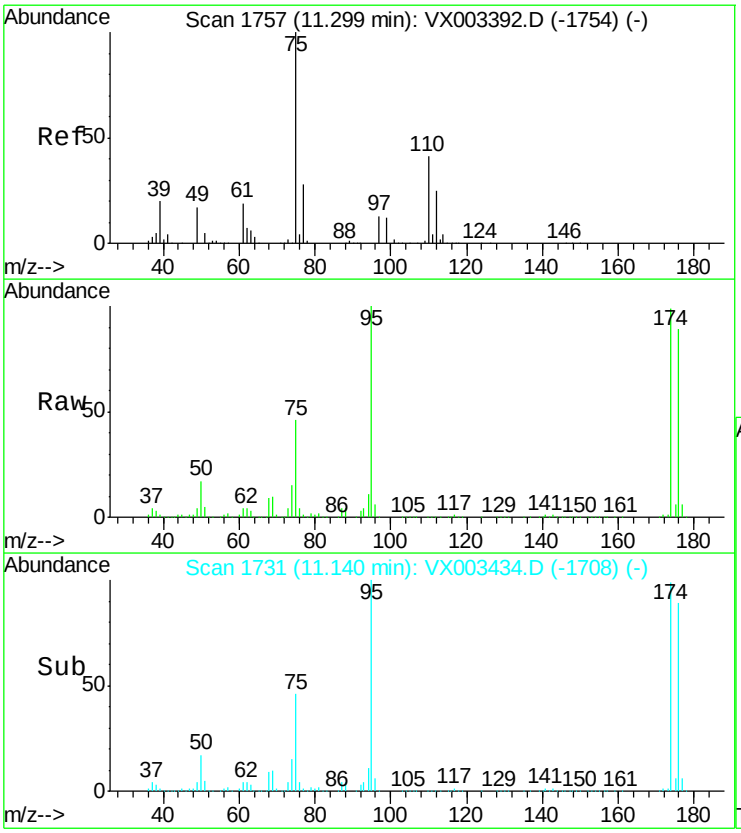
#74
N-amyl acetate
Concen: 18.20 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tgt Ion: 43 Resp: 134657

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	21.2	14.4	21.6

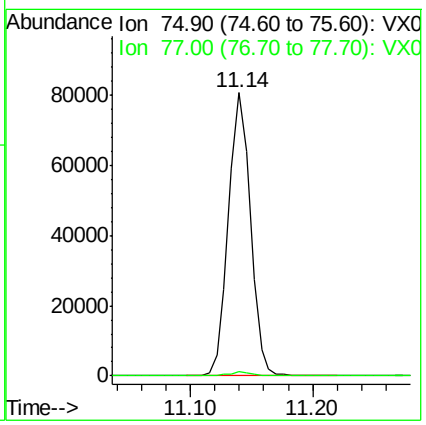


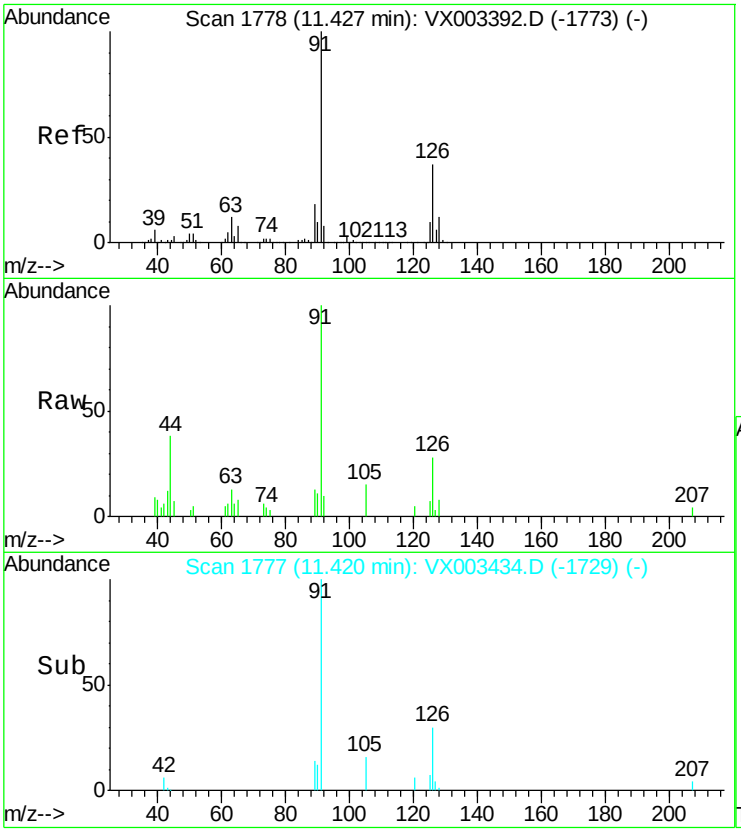


#76
1,2,3-Trichloropropane
Concen: 22.99 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 75 Resp: 100033

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



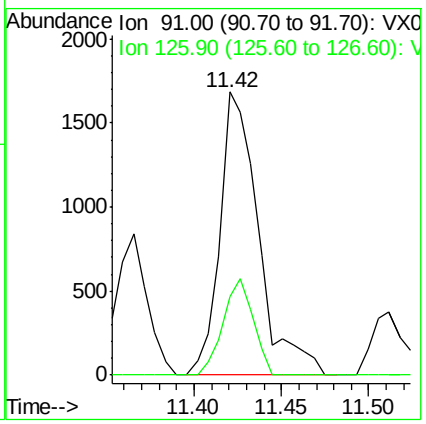


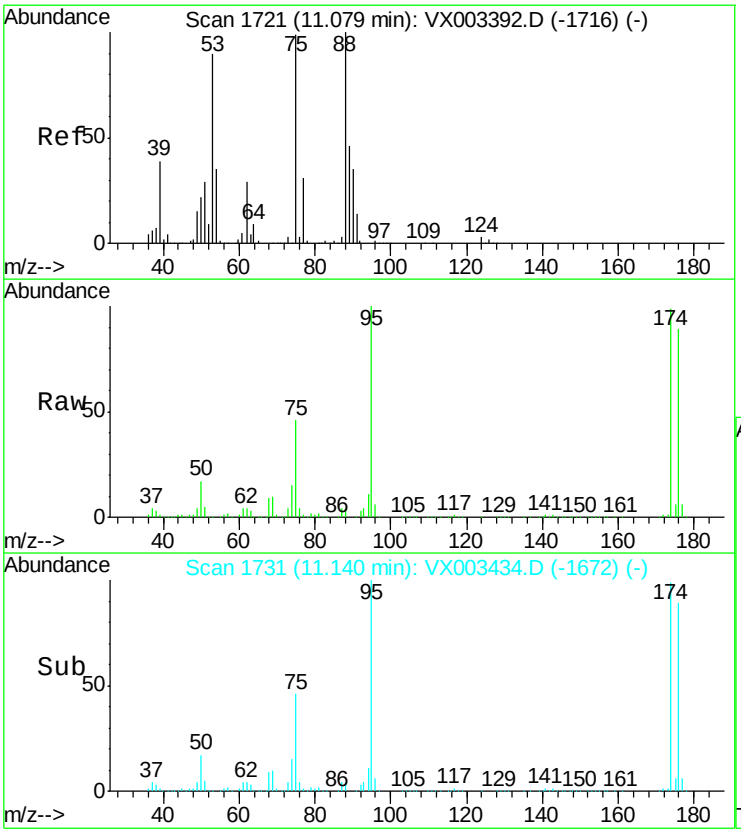
#79
2-Chlorotoluene
Concen: 0.25 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. -0.01 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument : MSVOA_X
ClientSampleId : MH-1

Tgt Ion: 91 Resp: 2585

Ion	Ratio	Lower	Upper
91	100		
126	26.6	17.7	53.1

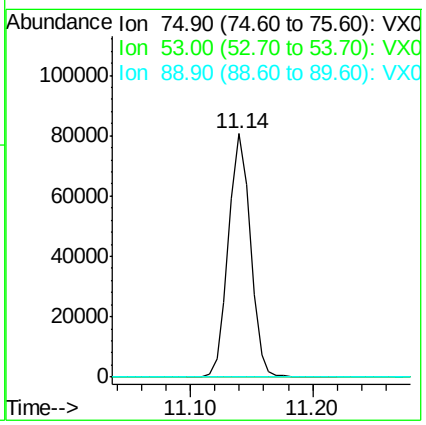


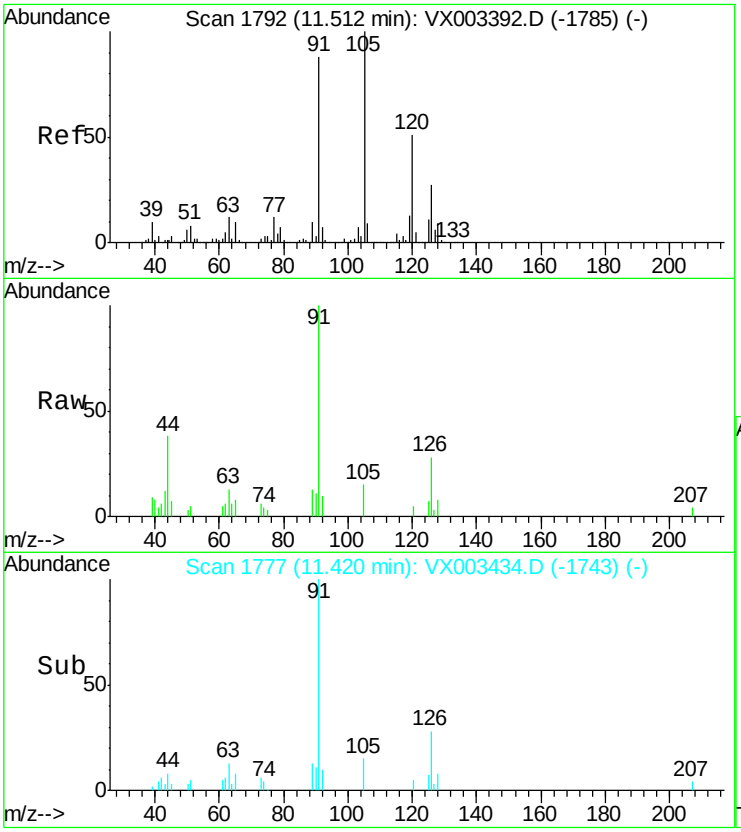


#81
trans-1,4-Dichloro-2-butene
Concen: 74.70 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion: 75 Resp: 100033

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



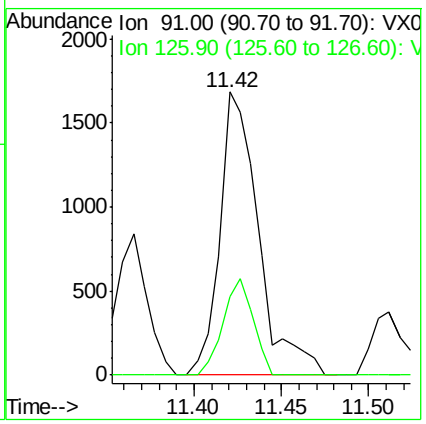


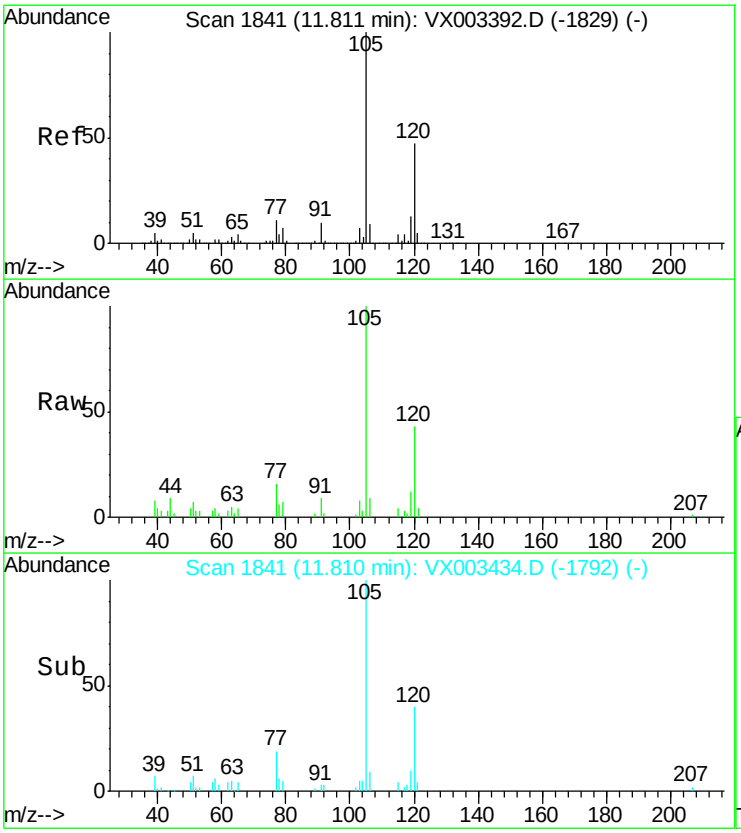
#82
4-Chlorotoluene
Concen: 0.21 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. -0.09 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tgt Ion: 91 Resp: 2585

Ion	Ratio	Lower	Upper
91	100		
126	26.6	15.4	46.4

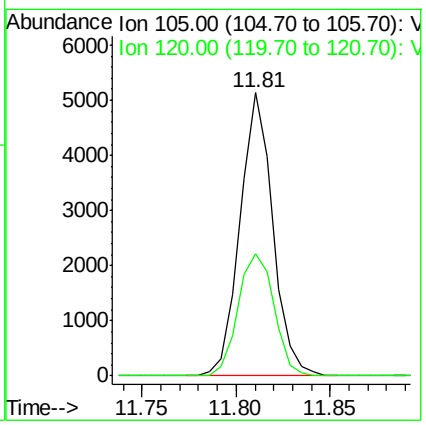


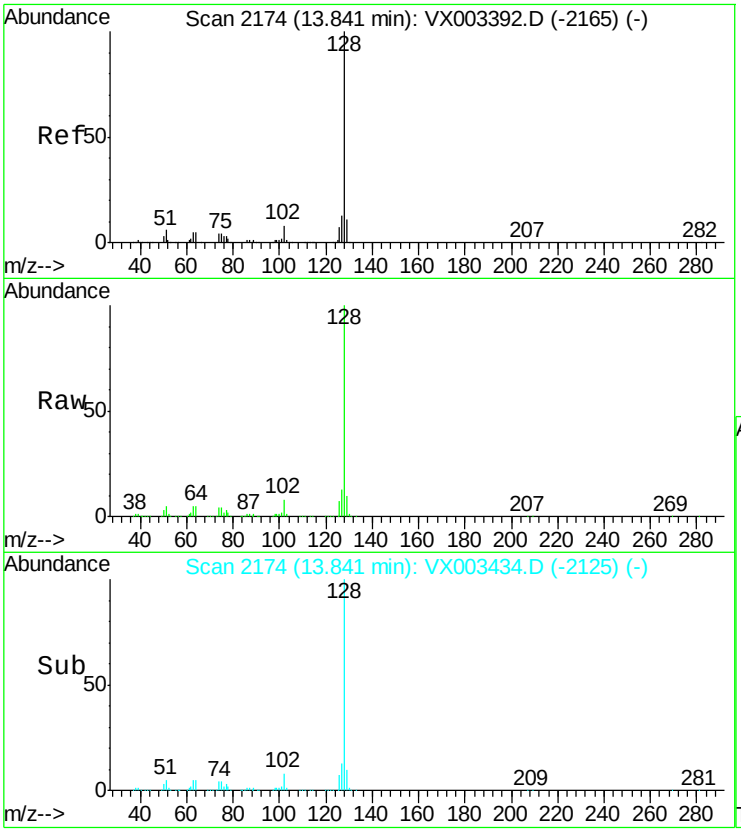


#84
1,2,4-Trimethylbenzene
Concen: 0.48 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Tgt Ion:105 Resp: 6205

Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.3	66.8





#95
Naphthalene
Concen: 11.83 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003434.D
Acq: 17 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tgt Ion:128 Resp: 186343

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0