Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092818\
Data File : VX004820.D
Acq On : 28 Sep 2018 14:45
Operator : JC/MD
Sample : J5081-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-720

Quant Time: Sep 29 06:24:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177306	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.58%			
35) Dibromofluoromethane	5.50	113	148821	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.60%			
50) Toluene-d8	8.72	98	544570	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.02%			
62) 4-Bromofluorobenzene	11.14	95	196768	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.34%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	501	0.236	ug/l #	63
6) Chloroethane	1.75	64	332	Below Cal	#	87
10) Methyl Iodide	2.52	142	1294	0.383	ug/l #	85
11) Tert butyl alcohol	3.03	59	6863	7.446	ug/l #	72
13) Acrolein	2.29	56	333	0.508	ug/l #	35
14) Allyl chloride	2.62	41	7191	1.318	ug/l #	61
15) Acrylonitrile	3.16	53	714	0.352	ug/l #	32
16) Acetone	2.44	43	3045	1.582	ug/l	99
17) Carbon Disulfide	2.57	76	2504	0.333	ug/l	95
18) Methyl Acetate	2.78	43	995	0.204	ug/l	94
20) Methylene Chloride	2.85	84	496	Below Cal	#	77
29) Tetrahydrofuran	5.18	42	420	0.238	ug/l #	45
36) 1,1-Dichloropropene	5.66	75	15988	3.685	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20579	4.512	ug/l #	15
56) Ethyl methacrylate	9.17	69	175	2.893	ug/l #	30
58) 2-Chloroethyl Vinyl ether	8.22	63	41	14.256	ug/l #	45
70) Styrene	10.71	104	1204	2.256	ug/l	95
74) N-amyl acetate	10.90	43	405	1.803	ug/l #	46
76) 1,2,3-Trichloropropane	11.14	75	97315	21.247	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	551	Below Cal		81
81) trans-1,4-Dichloro-2-buten	11.14	75	97315	57.632	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	738	Below Cal		91
95) Naphthalene	13.83	128	1739	0.820	ug/l #	93

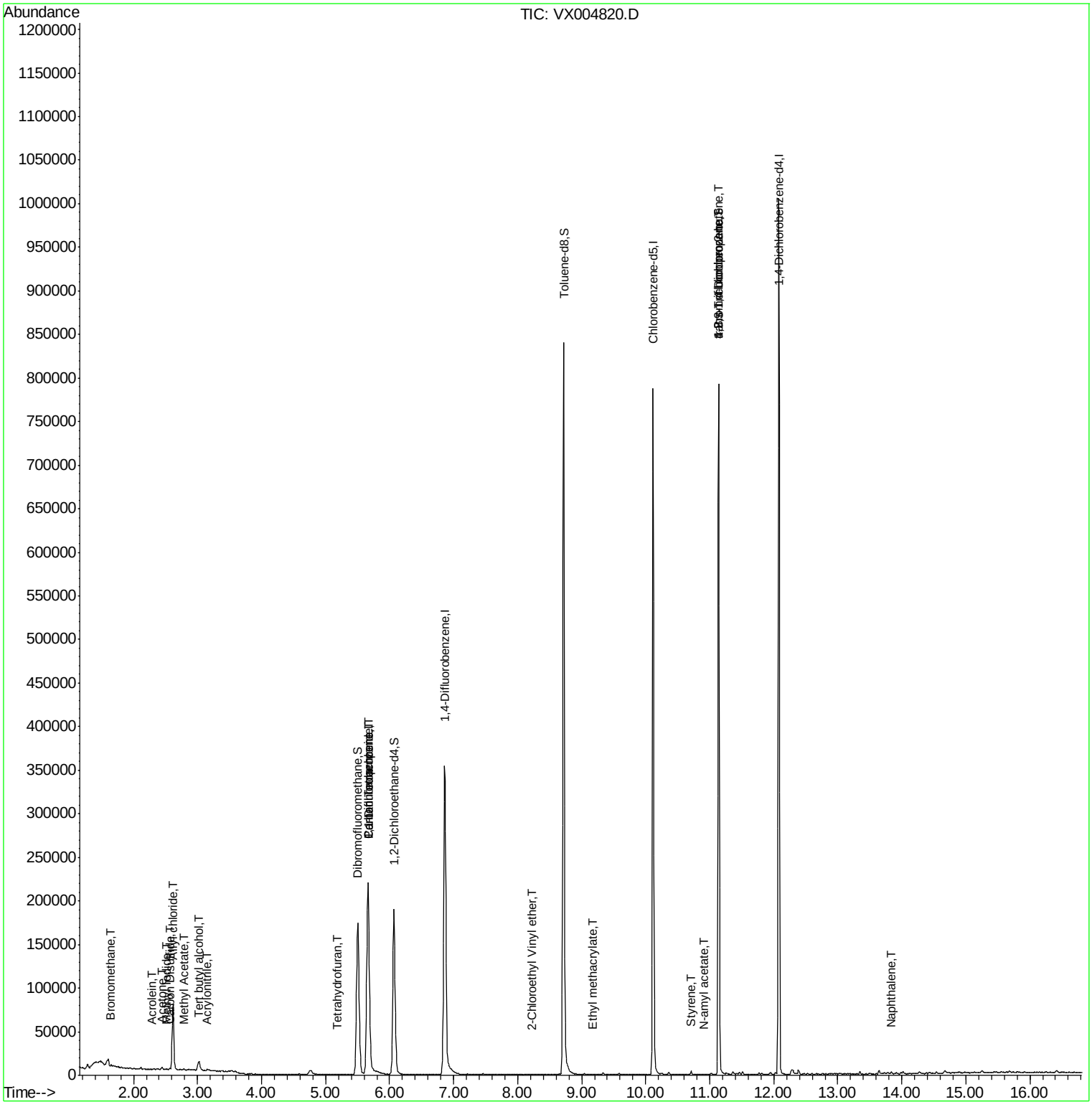
(#) = qualifier out of range (m) = manual integration (+) = signals summed

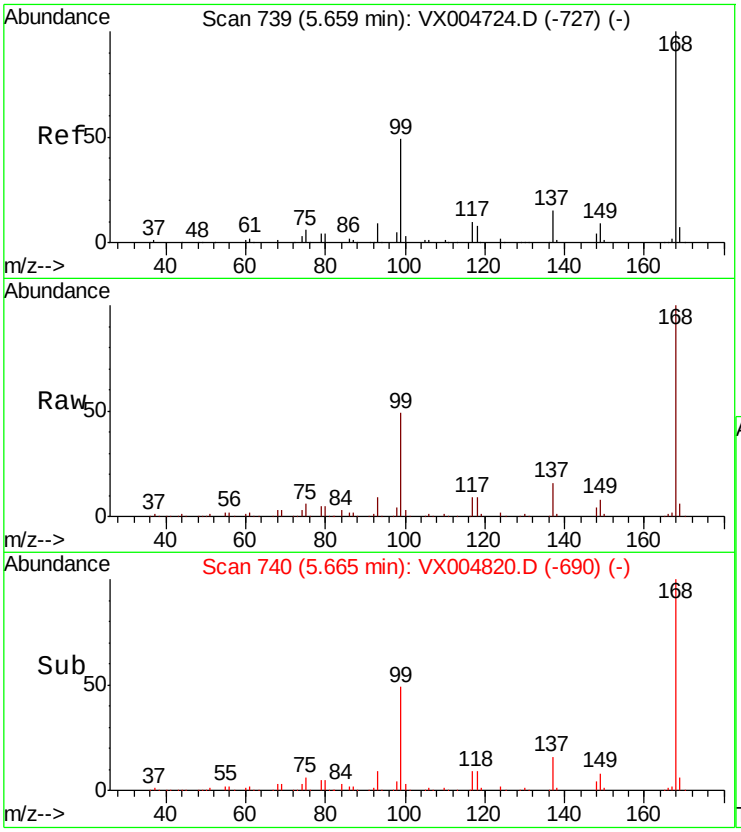
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
Data File : VX004820.D
Acq On : 28 Sep 2018 14:45
Operator : JC/MD
Sample : J5081-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Quant Time: Sep 29 06:24:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration



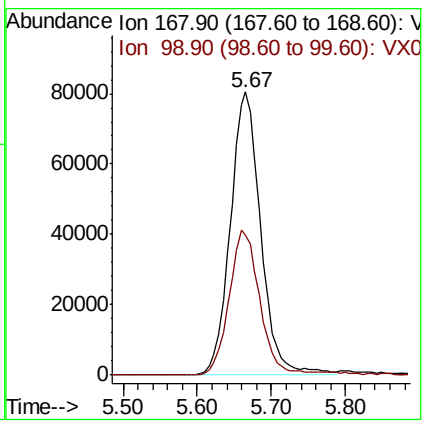


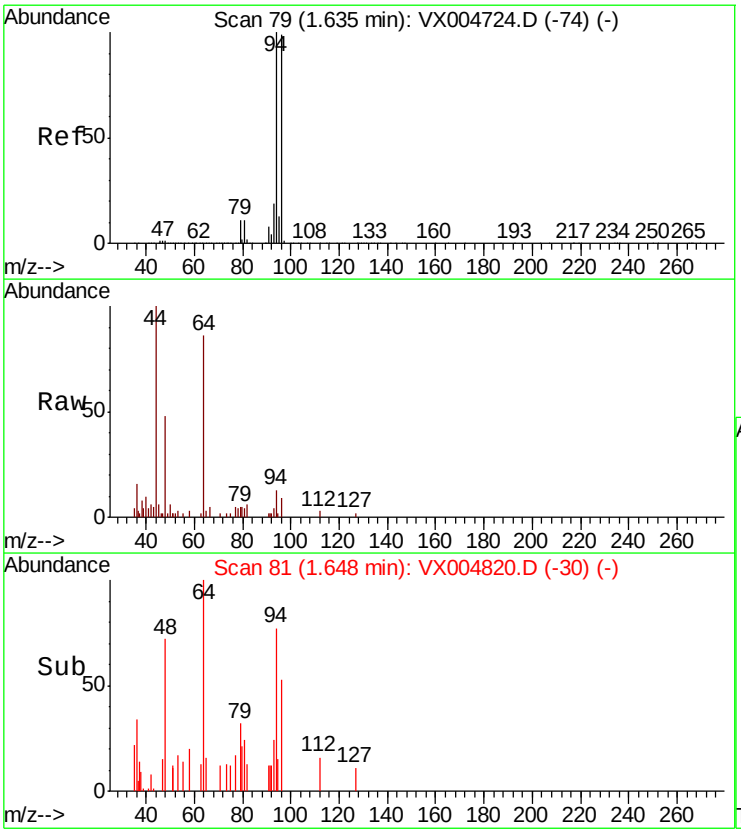
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Tgt Ion:168 Resp: 230770

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.9	59.9

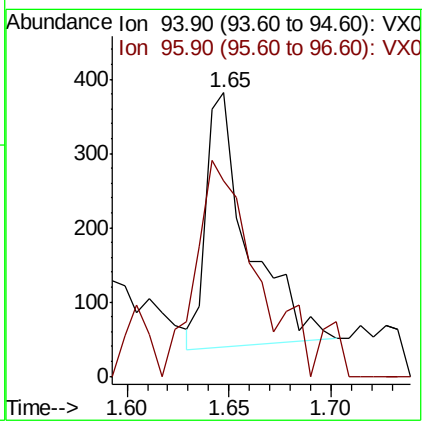


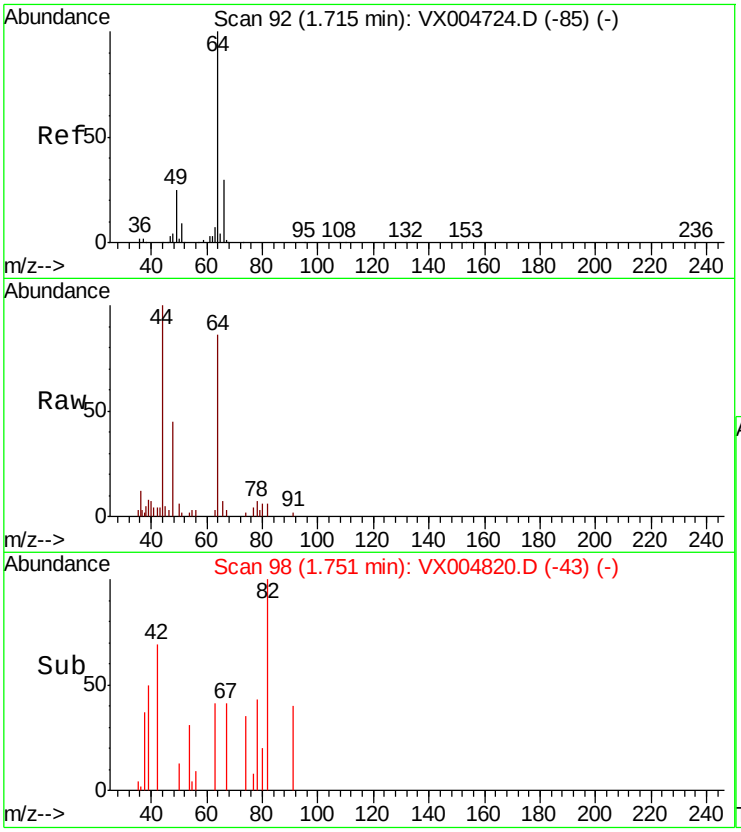


#5
Bromomethane
Concen: 0.236 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion: 94 Resp: 501

Ion	Ratio	Lower	Upper
94	100		
96	57.4	74.5	111.7#



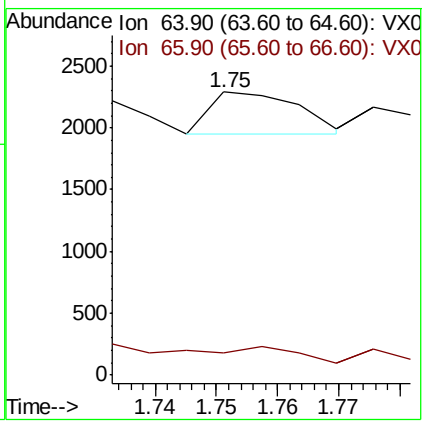


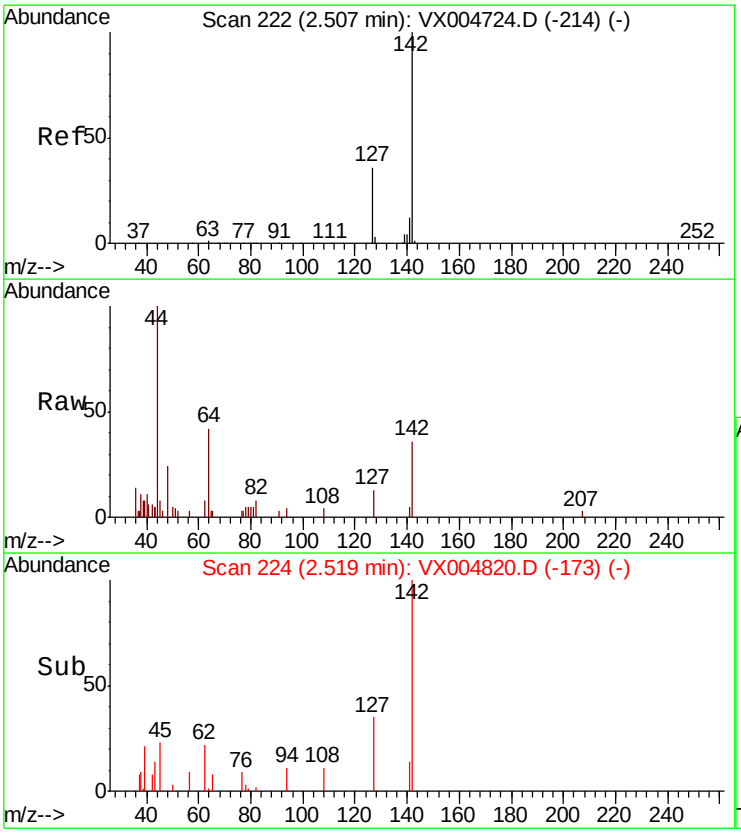
#6
Chloroethane
Concen: Below Cal
RT: 1.75 min Scan# 98
Delta R.T. 0.04 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Tgt Ion: 64 Resp: 332

Ion	Ratio	Lower	Upper
64	100		
66	23.4	24.6	36.8#

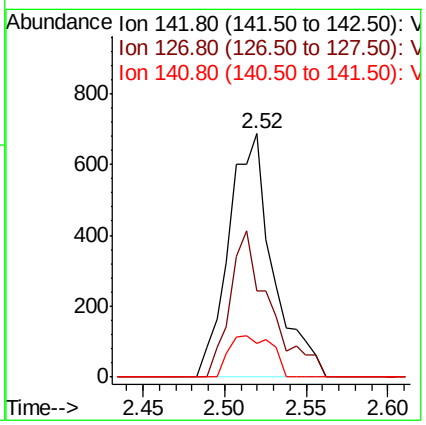


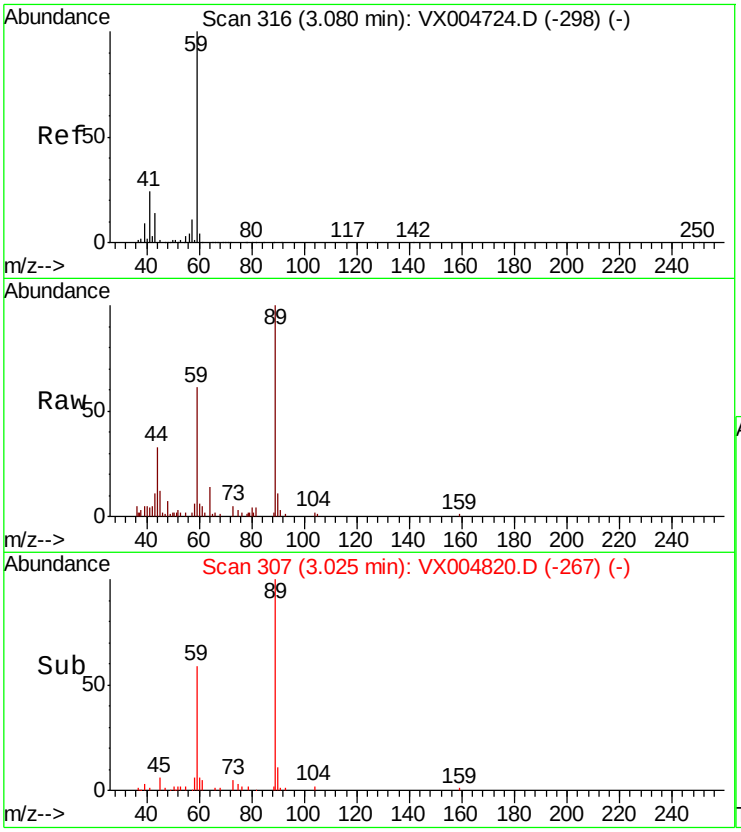


#10
Methyl Iodide
Concen: 0.383 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion:142 Resp: 1294

Ion	Ratio	Lower	Upper
142	100		
127	54.2	33.8	50.6#
141	16.3	11.4	17.0



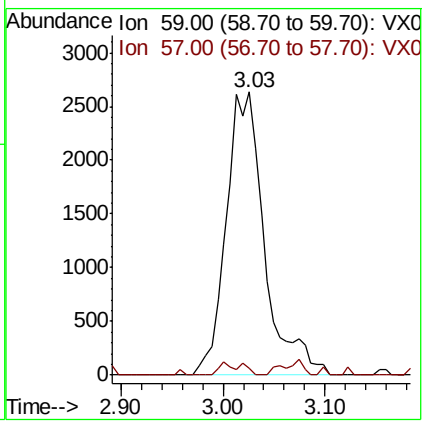


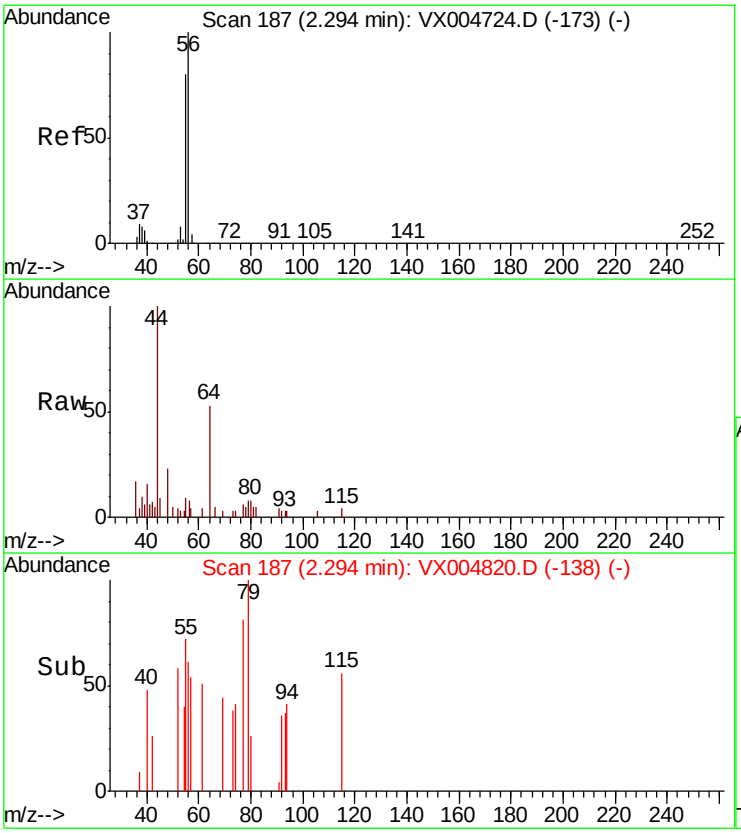
#11
Tert butyl alcohol
Concen: 7.446 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Tgt Ion: 59 Resp: 6863

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

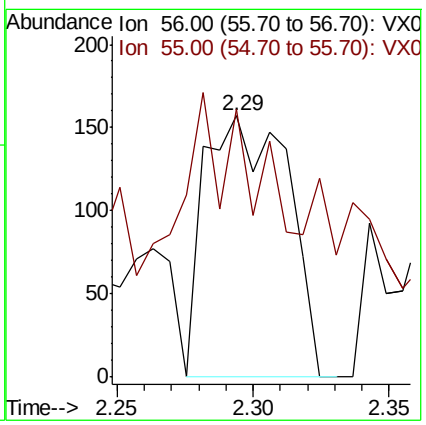


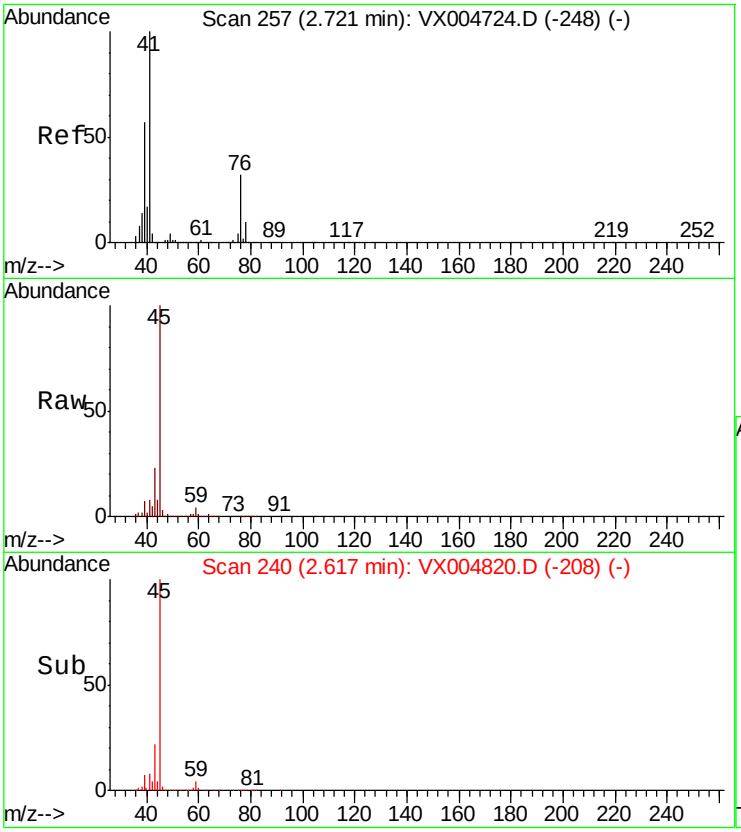


#13
Acrolein
Concen: 0.508 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion: 56 Resp: 333

Ion	Ratio	Lower	Upper
56	100		
55	15.9	54.7	82.1#



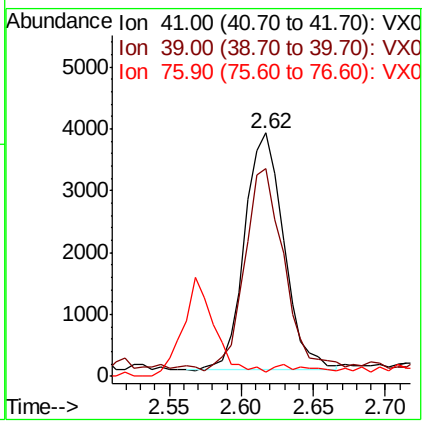


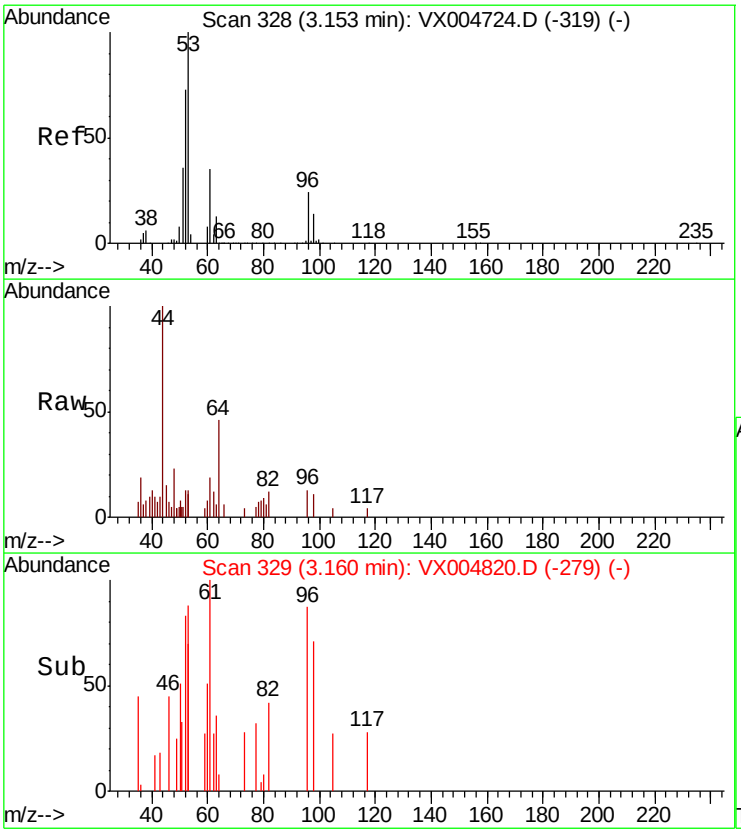
#14
Allyl chloride
Concen: 1.318 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.10 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument : MSVOA_X
ClientSampleId : MH-720

Tgt Ion: 41 Resp: 7191

Ion	Ratio	Lower	Upper
41	100		
39	86.5	48.9	73.3#
76	5.5	26.7	40.1#

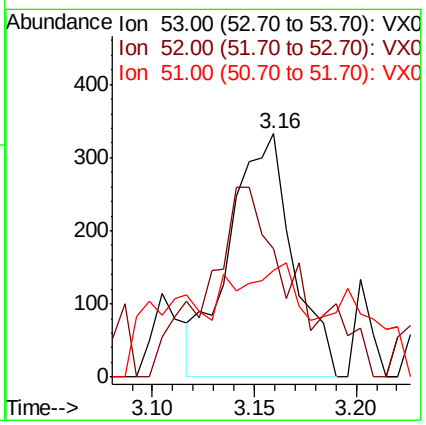


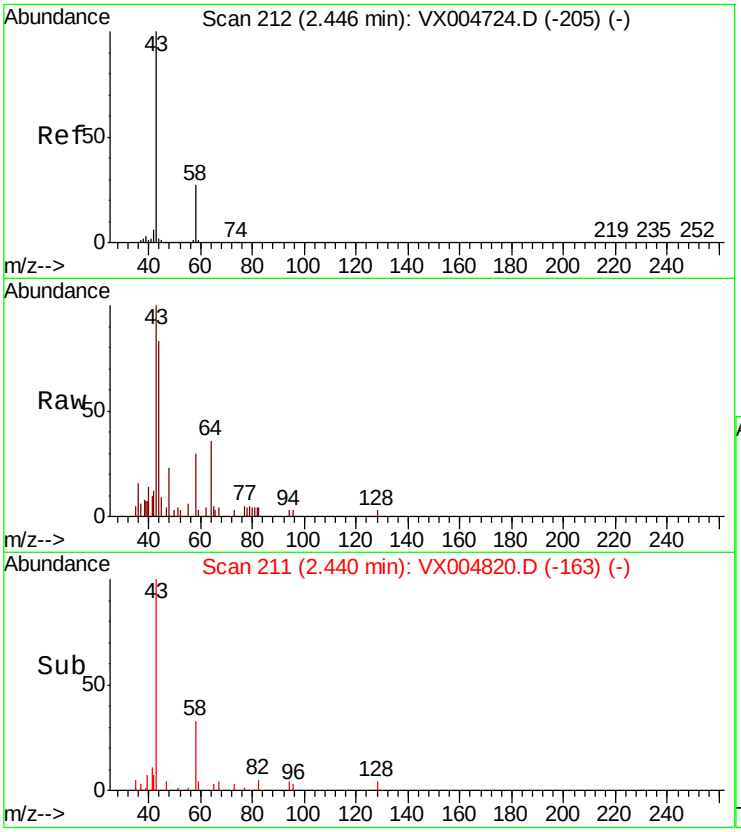


#15
Acrylonitrile
Concen: 0.352 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.01 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion: 53 Resp: 714

Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.2	97.8#
51	42.7	28.2	42.2#



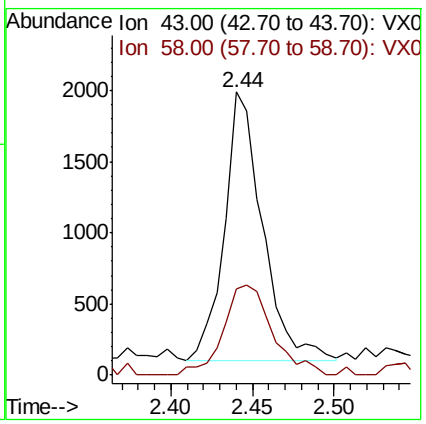


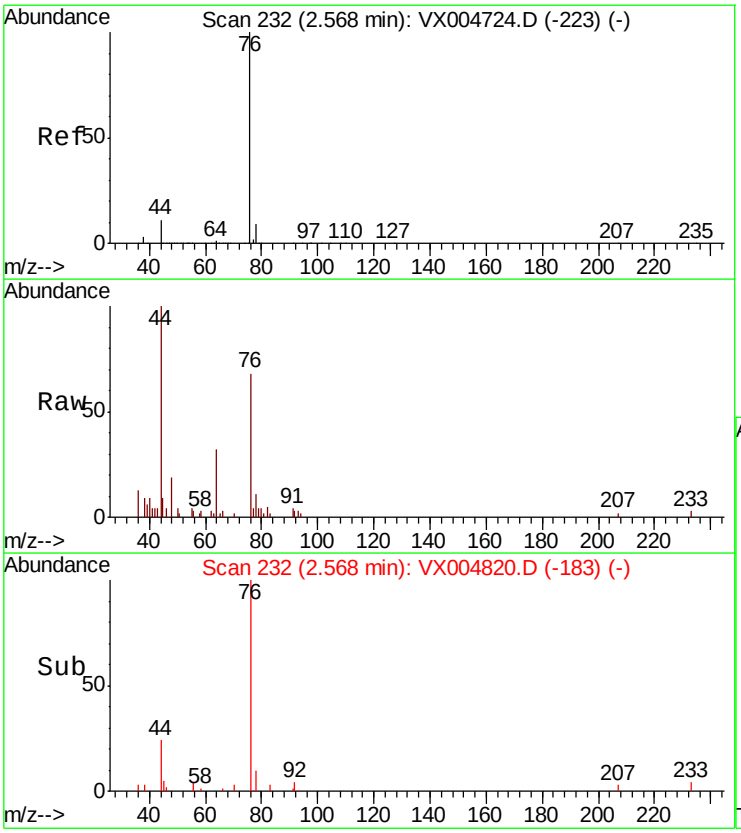
#16
Acetone
Concen: 1.582 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Tgt Ion: 43 Resp: 3045

Ion	Ratio	Lower	Upper
43	100		
58	32.1	26.2	39.4

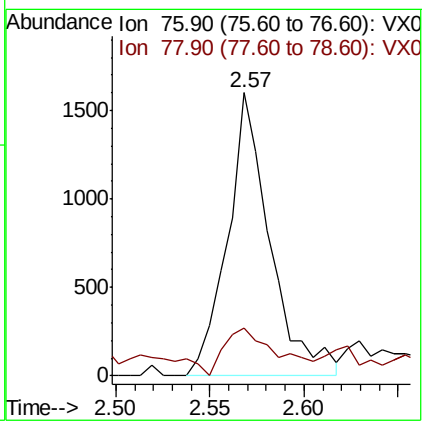


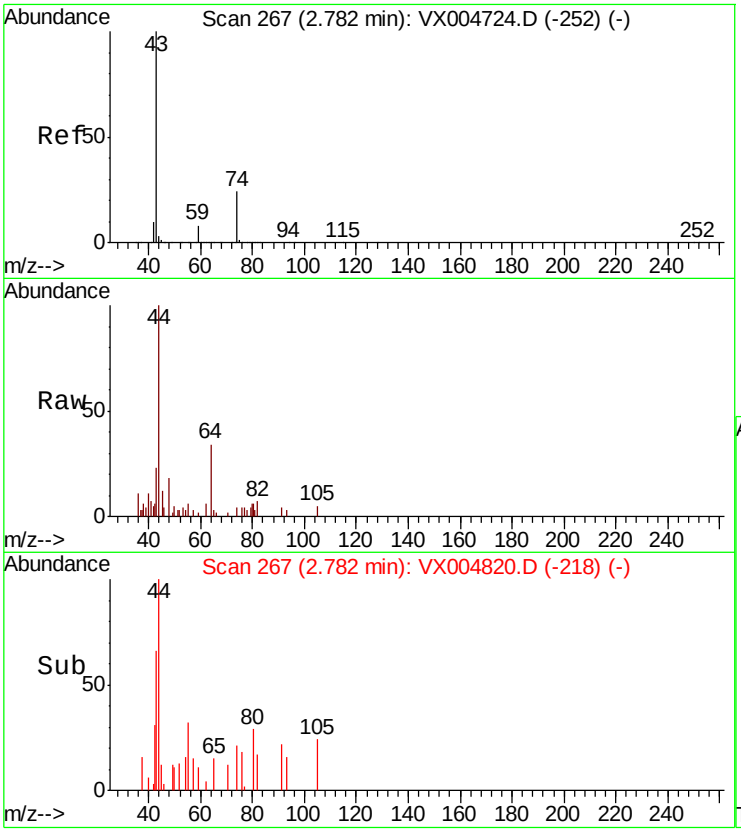


#17
Carbon Disulfide
Concen: 0.333 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion: 76 Resp: 2504

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.0	10.6



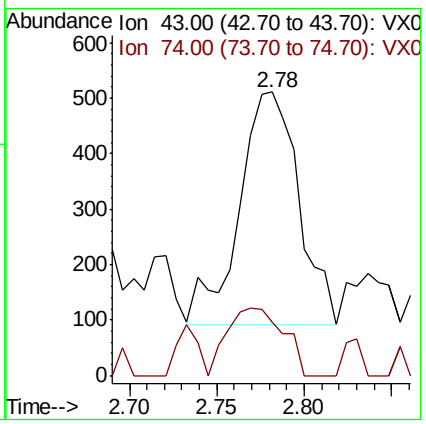


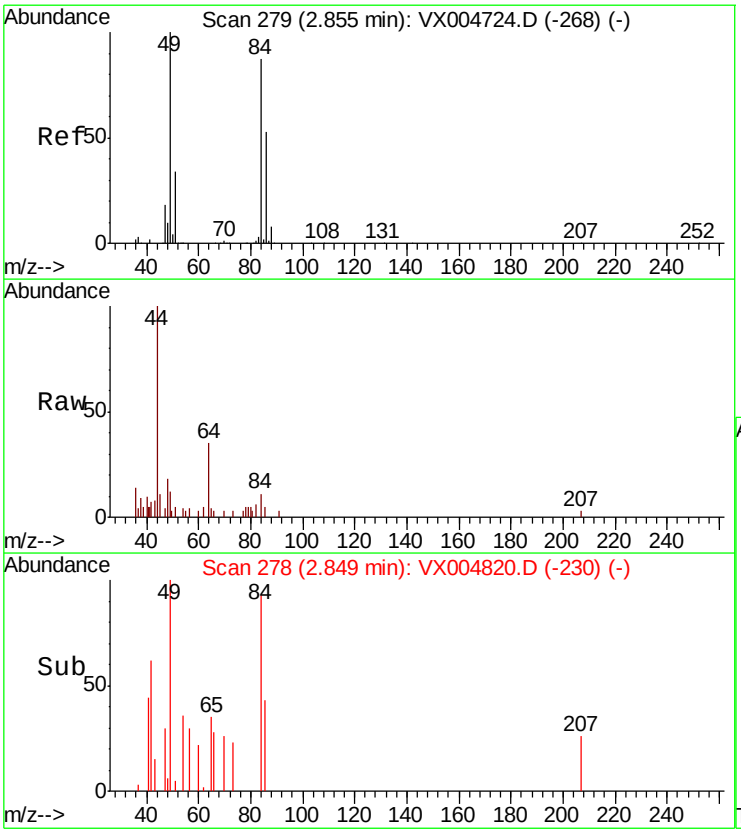
#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Tgt Ion: 43 Resp: 995

Ion	Ratio	Lower	Upper
43	100		
74	27.3	19.4	29.2

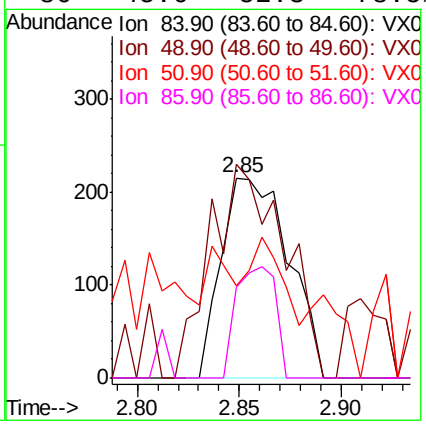


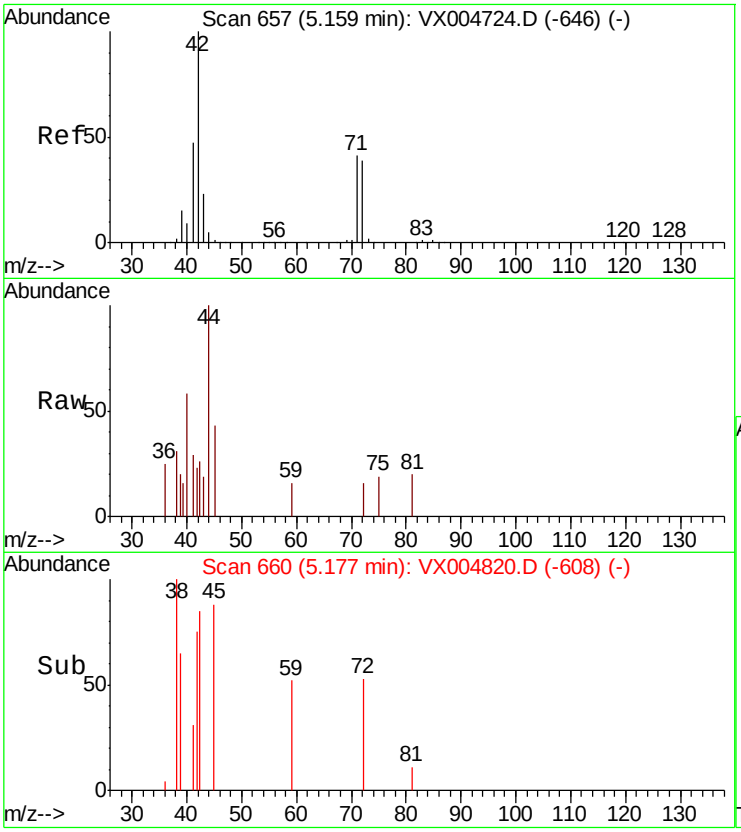


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion: 84 Resp: 496

Ion	Ratio	Lower	Upper
84	100		
49	107.0	101.2	151.8
51	14.0	29.5	44.3#
86	45.6	52.3	78.5#



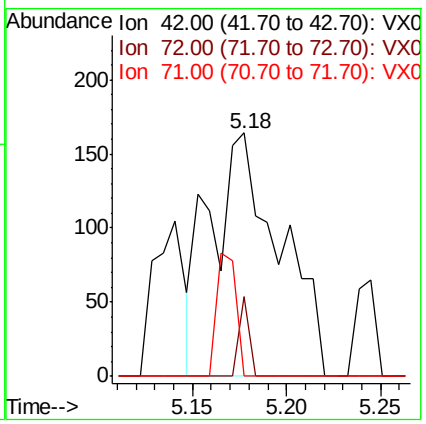


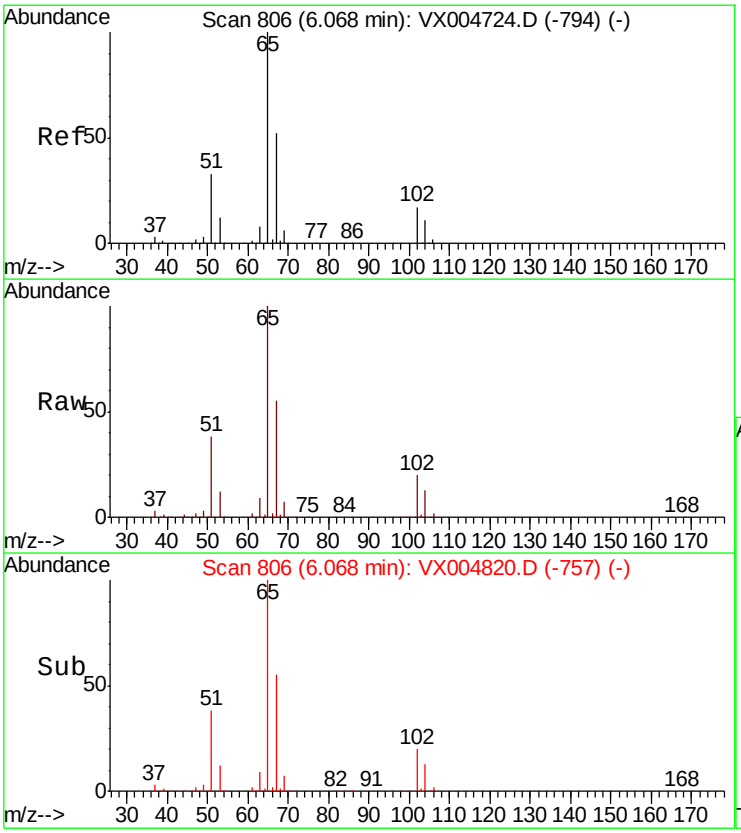
#29
Tetrahydrofuran
Concen: 0.238 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument : MSVOA_X
ClientSampleId : MH-720

Tgt Ion: 42 Resp: 420

Ion	Ratio	Lower	Upper
42	100		
72	4.8	37.4	56.0#
71	14.0	34.5	51.7#

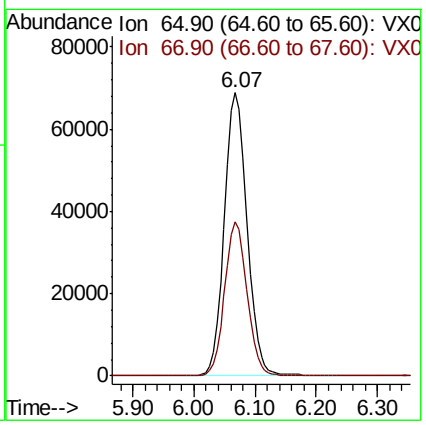


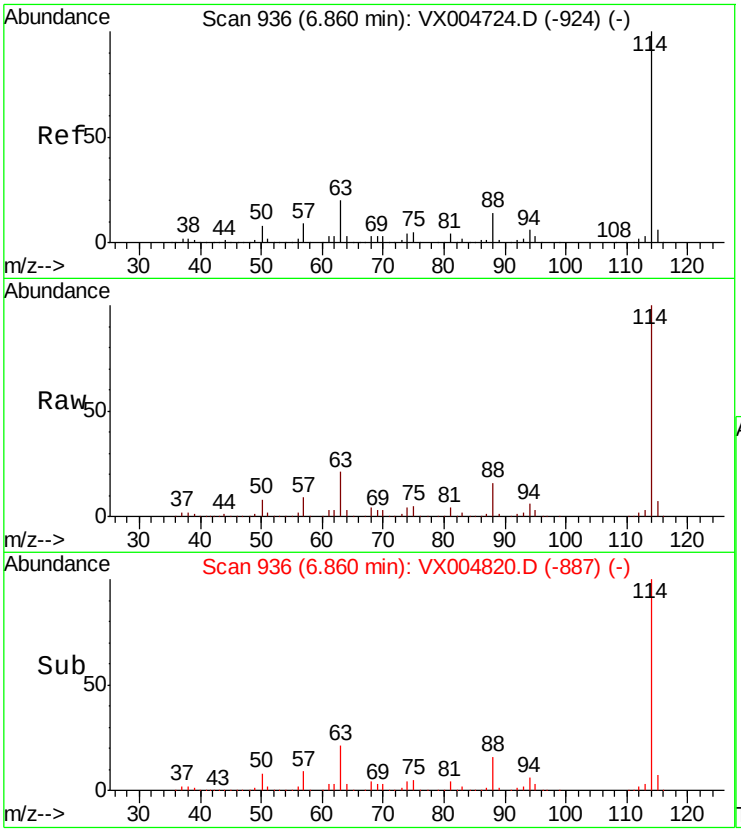


#33
1,2-Dichloroethane-d4
Concen: 53.785 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion: 65 Resp: 177306

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.8



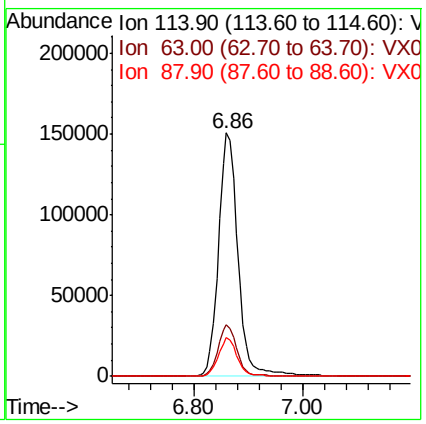


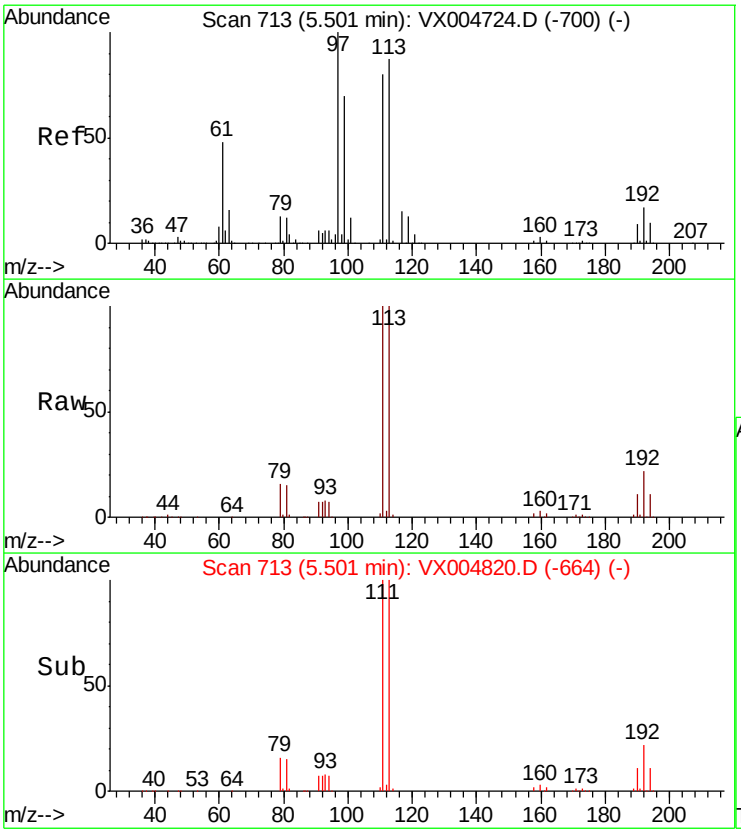
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Tgt Ion:114 Resp: 375193

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.0
88	15.9	0.0	30.4

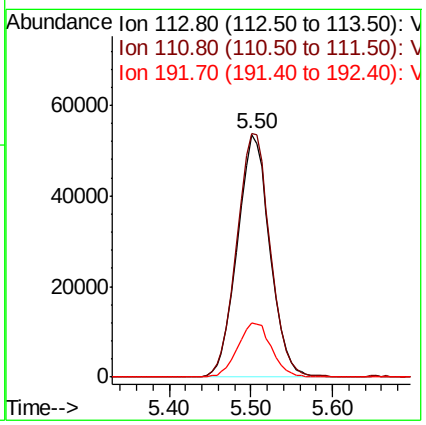


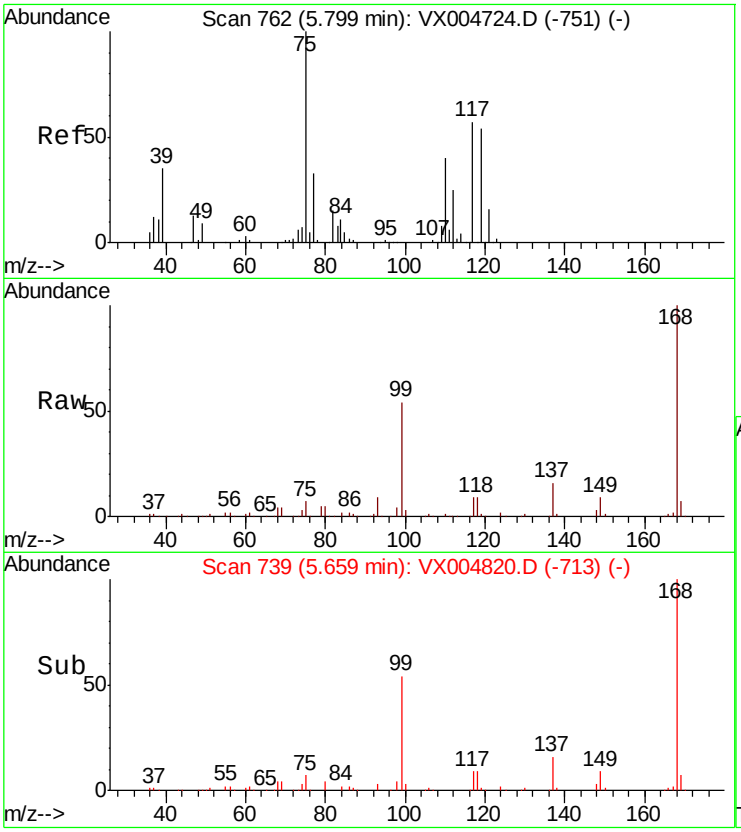


#35
Dibromofluoromethane
Concen: 46.802 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion:113 Resp: 148821

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	23.1	19.4	29.2



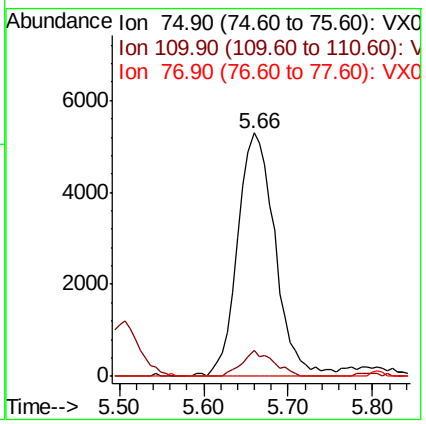


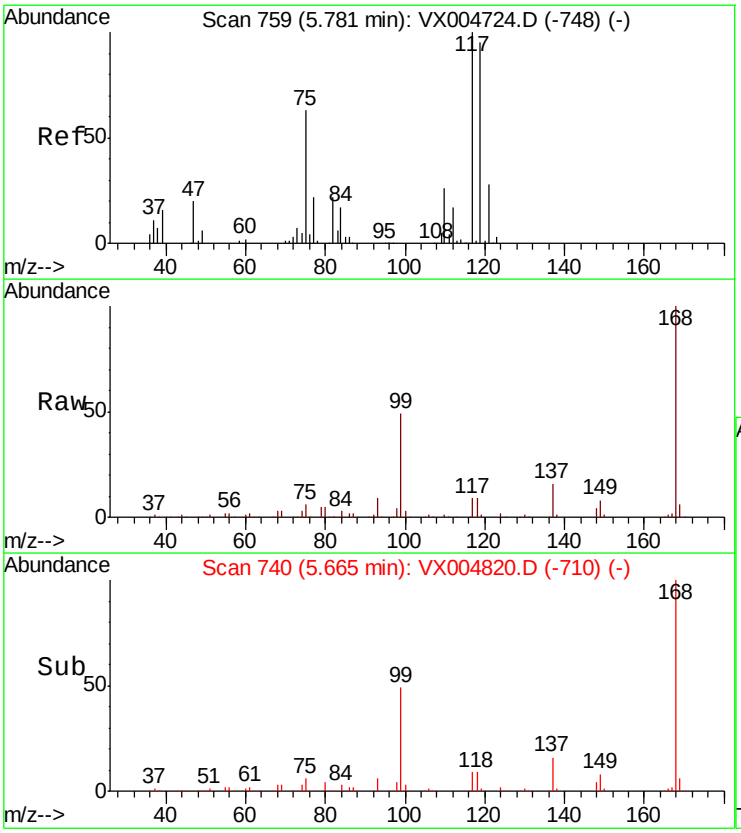
#36
1,1-Dichloropropene
Concen: 3.685 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Tgt Ion: 75 Resp: 15988

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.0	54.0#
77	0.0	24.6	36.8#

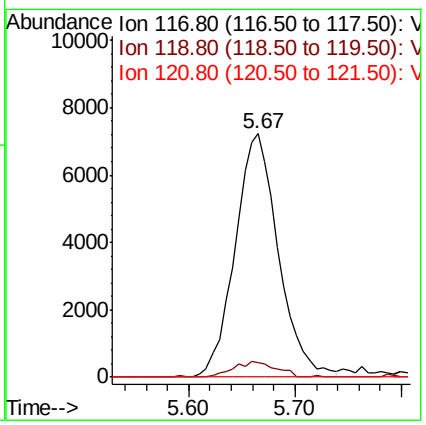


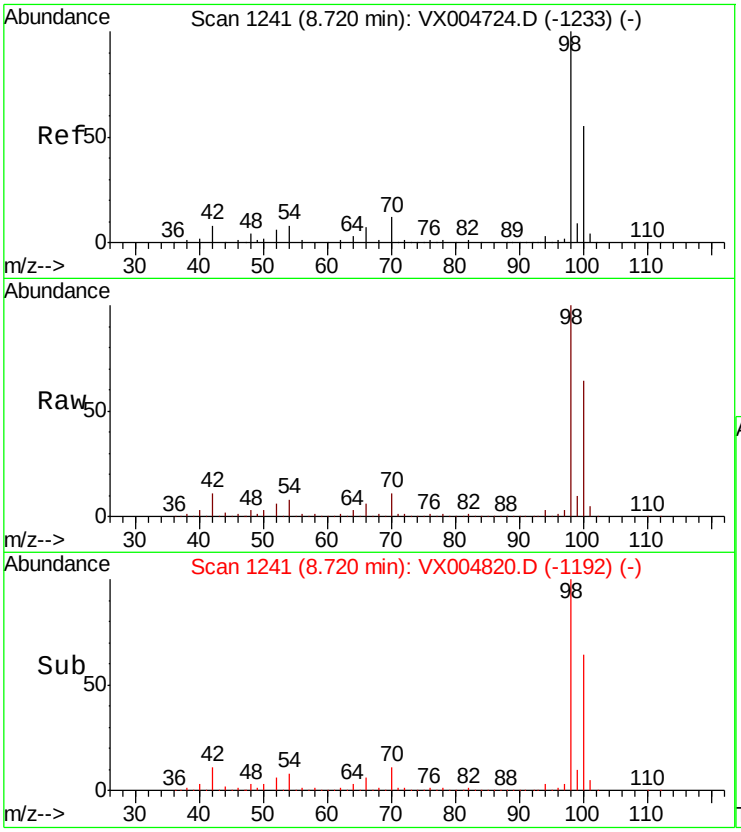


#38
Carbon Tetrachloride
Concen: 4.512 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion:117 Resp: 20579

Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.8	118.2#
121	0.0	24.9	37.3#



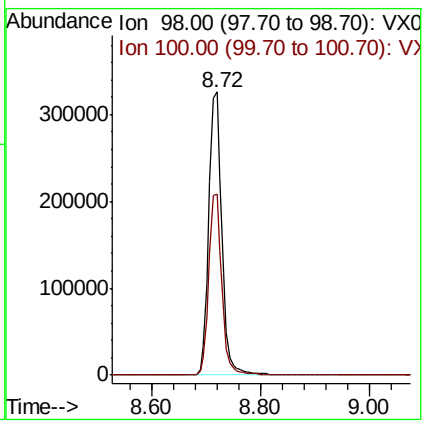


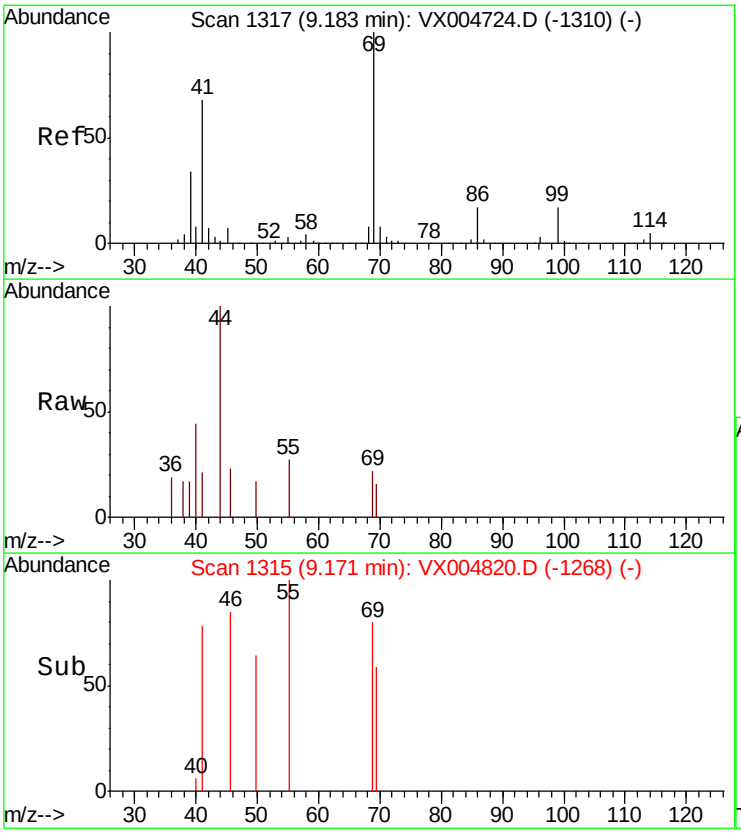
#50
Toluene-d8
Concen: 51.514 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Tgt Ion: 98 Resp: 544570

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.9	79.3

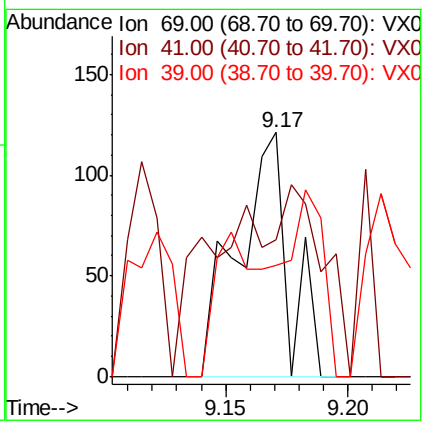


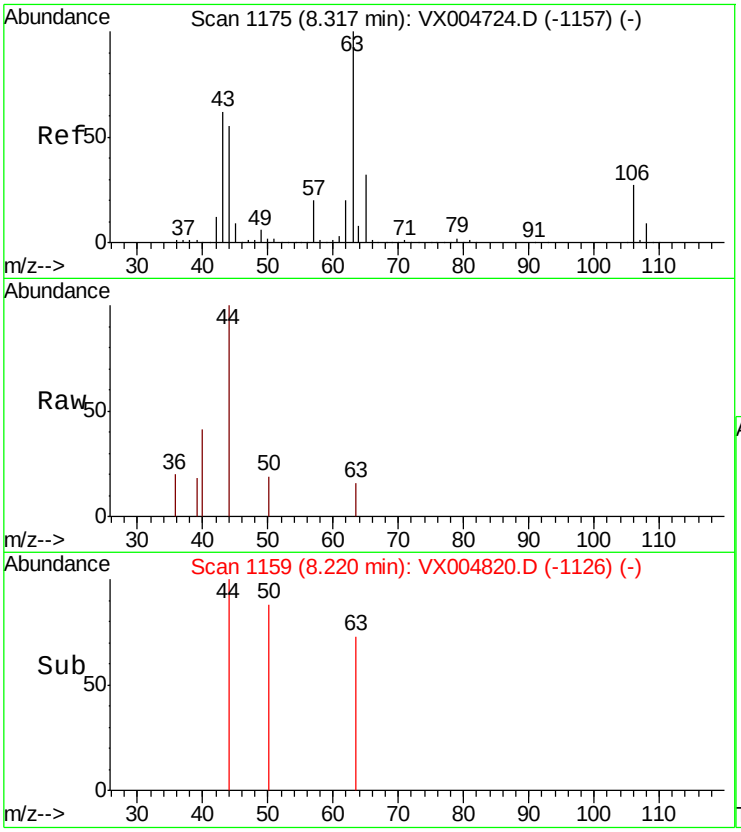


#56
Ethyl methacrylate
Concen: 2.893 ug/l
RT: 9.17 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion: 69 Resp: 175

Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.0	76.4#
39	59.4	26.1	39.1#



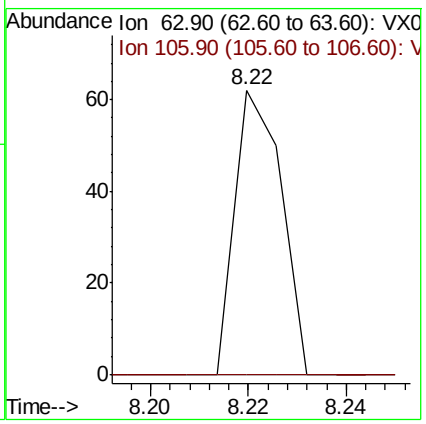


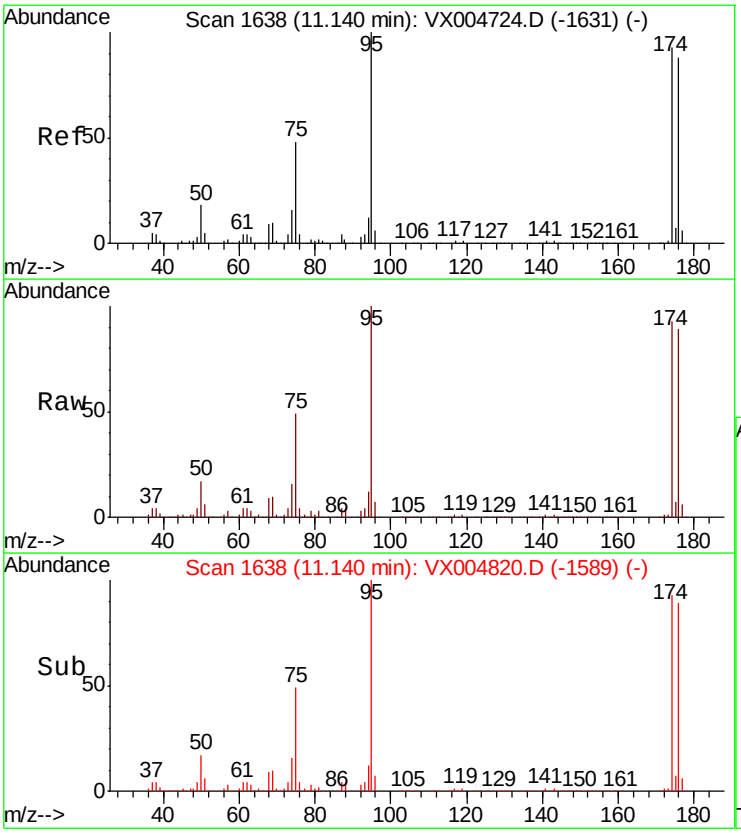
#58
2-Chloroethyl Vinyl ether
Concen: 14.256 ug/l
RT: 8.22 min Scan# 1159
Delta R.T. -0.10 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument : MSVOA_X
ClientSampleId : MH-720

Tgt Ion: 63 Resp: 41

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#

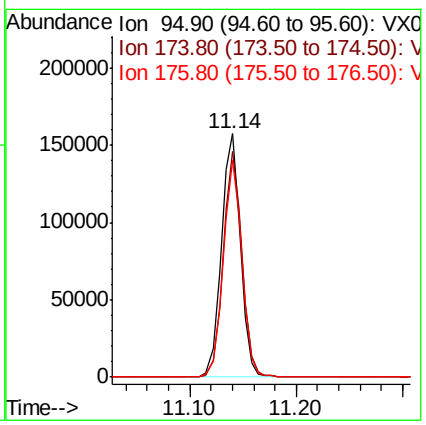


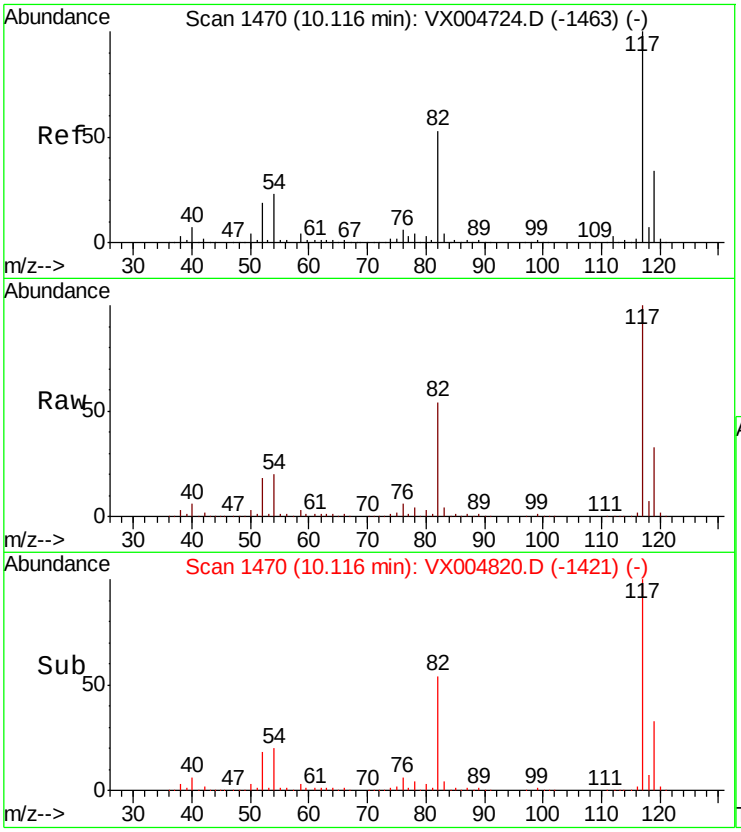


#62
4-Bromofluorobenzene
Concen: 51.667 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion: 95 Resp: 196768

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	185.2
176	87.8	0.0	178.6



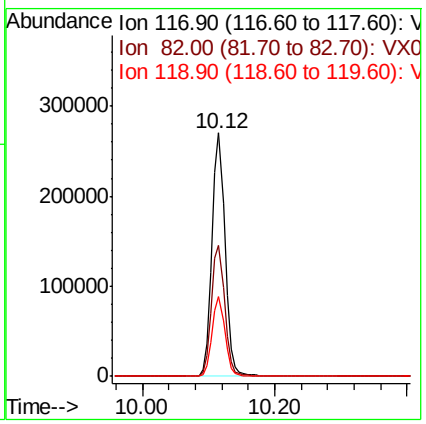


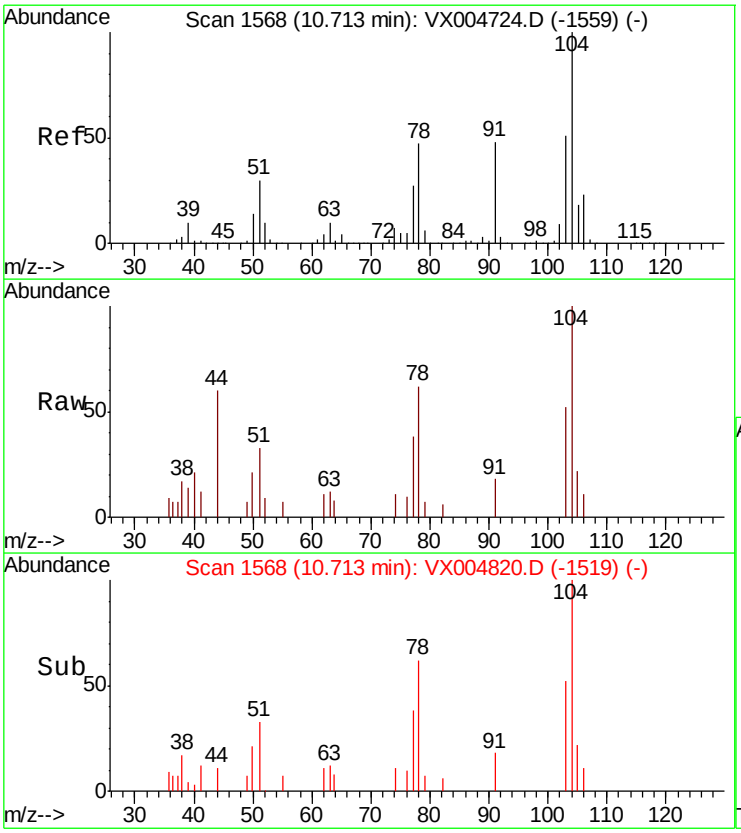
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument : MSVOA_X
ClientSampleId : MH-720

Tgt Ion:117 Resp: 365364

Ion	Ratio	Lower	Upper
117	100		
82	53.8	47.8	71.6
119	32.8	29.3	43.9

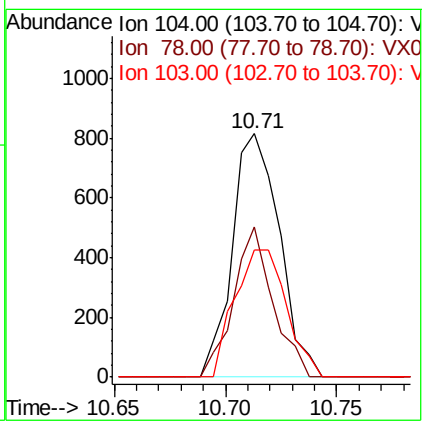


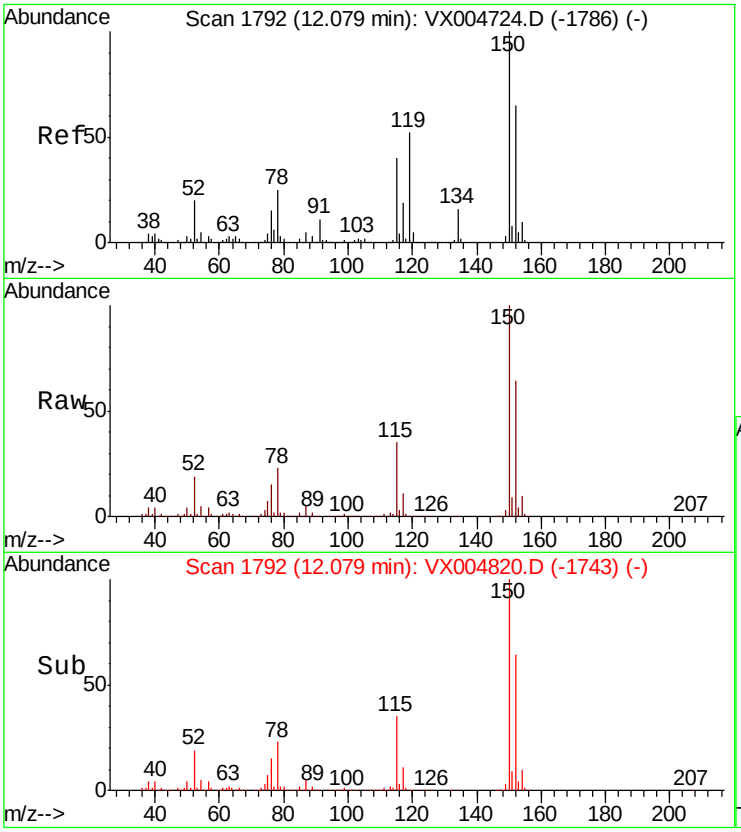


#70
Styrene
Concen: 2.256 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion:104 Resp: 1204

Ion	Ratio	Lower	Upper
104	100		
78	51.4	37.4	56.0
103	57.1	43.8	65.6



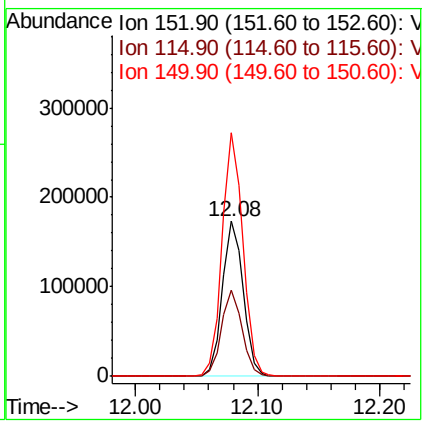


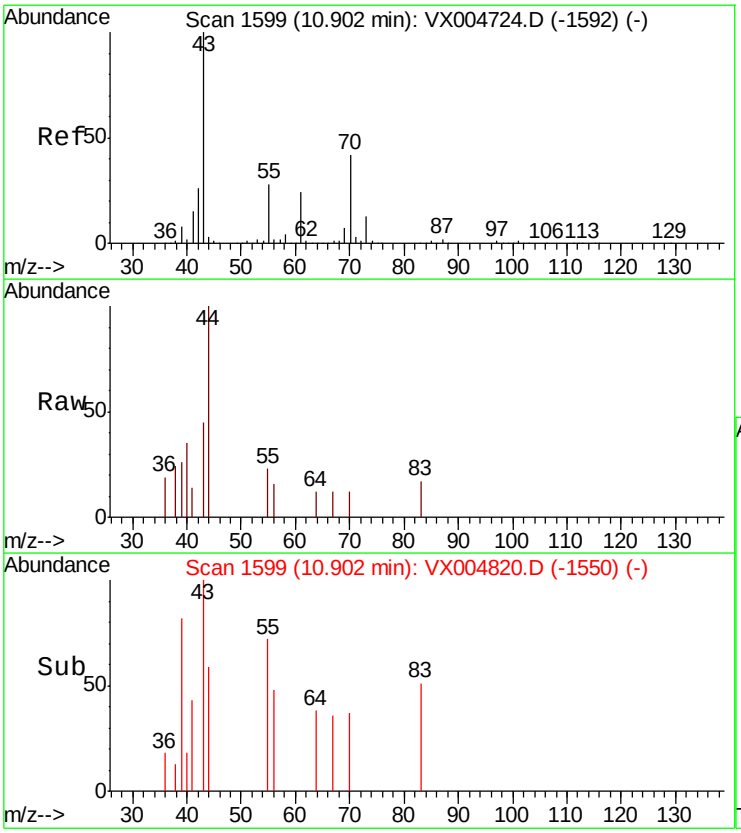
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument : MSVOA_X
ClientSampleId : MH-720

Tgt Ion:152 Resp: 204349

Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.0	117.0
150	156.4	0.0	351.0

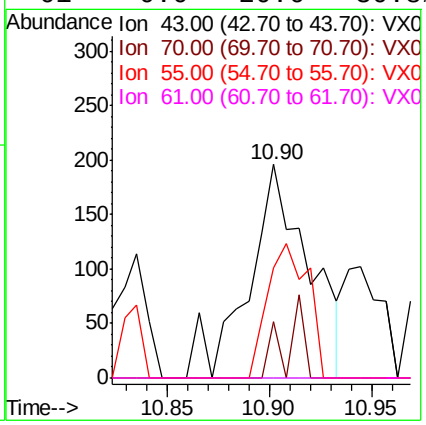


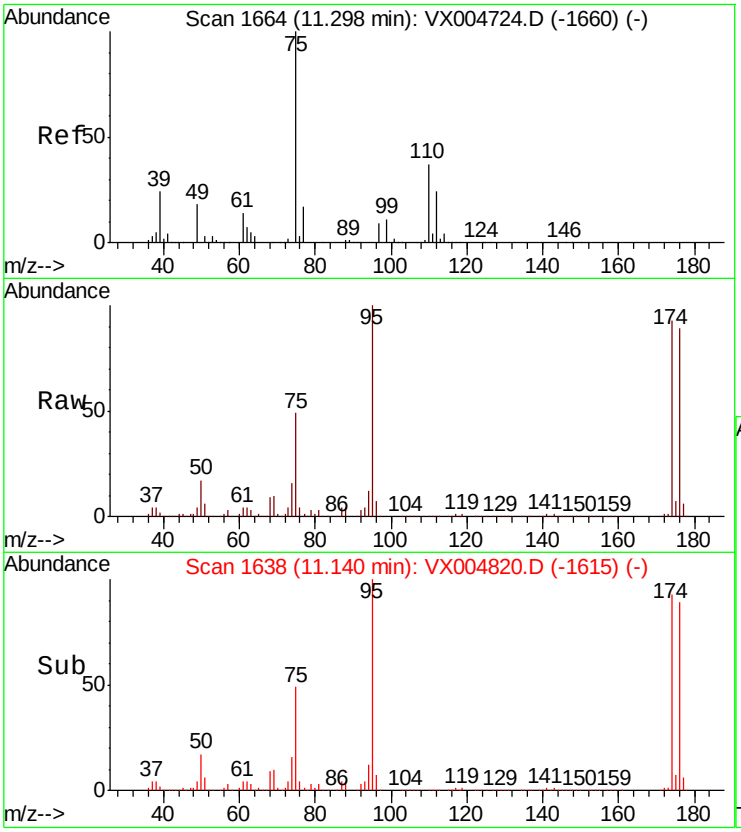


#74
N-amyl acetate
Concen: 1.803 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion: 43 Resp: 405

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.4	56.0#
55	42.5	21.8	32.8#
61	0.0	20.6	30.8#



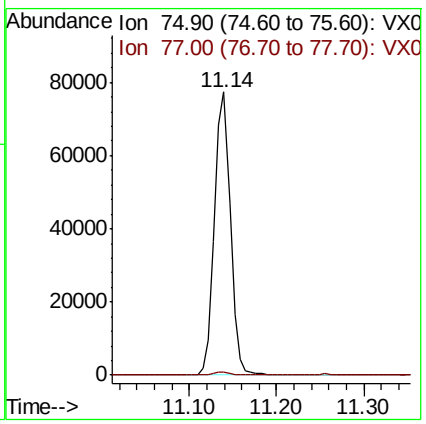


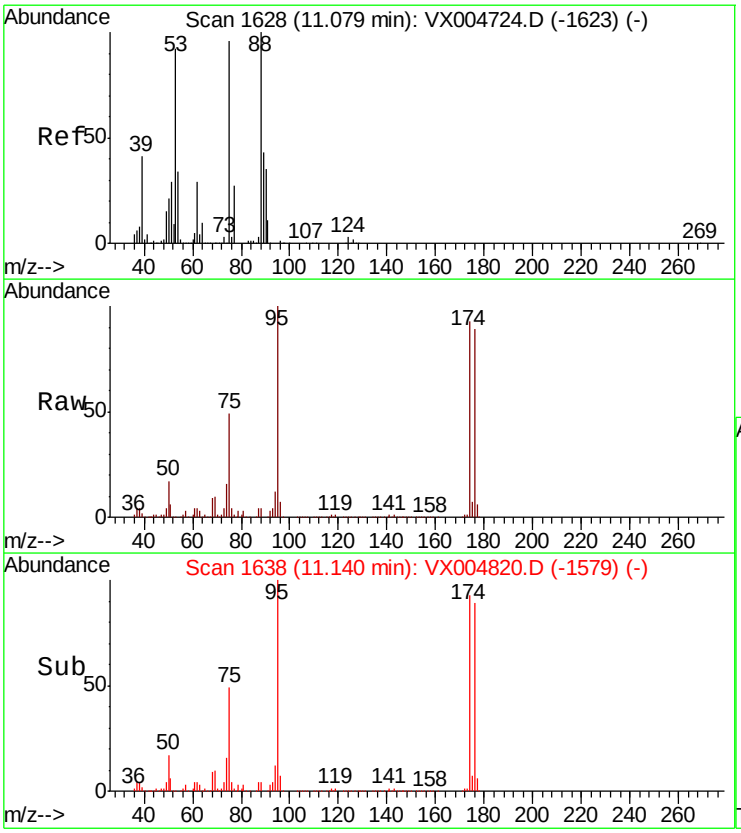
#76
1,2,3-Trichloropropane
Concen: 21.247 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Tgt Ion: 75 Resp: 97315

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

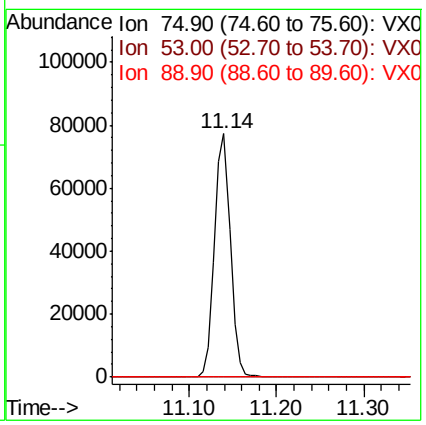


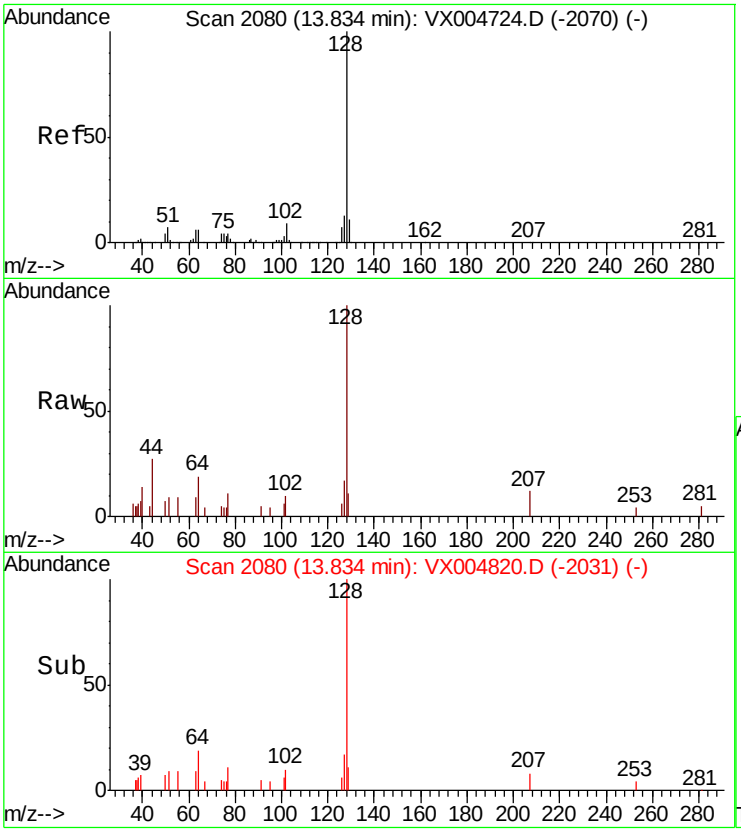


#81
trans-1,4-Dichloro-2-butene
Concen: 57.632 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Tgt Ion: 75 Resp: 97315

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.1	120.1#
89	0.0	37.2	55.8#





#95
Naphthalene
Concen: 0.820 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004820.D
Acq: 28 Sep 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
MH-720

Tgt Ion:128 Resp: 1739

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	15.0	8.6	12.8#