Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
Data File : VX005256.D
Acq On : 11 Oct 2018 16:12
Operator : JC/MD
Sample : VX1011WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1011WBL01

Quant Time: Oct 12 07:08:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	172507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	266513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	127739	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.68%			
35) Dibromofluoromethane	5.50	113	113570	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.56%			
50) Toluene-d8	8.71	98	385081	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.56%			
62) 4-Bromofluorobenzene	11.14	95	133935	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.02%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1345	0.471	ug/l	92
5) Bromomethane	1.64	94	2236	1.409	ug/l	89
6) Chloroethane	1.79	64	2191	Below Cal	#	48
10) Methyl Iodide	2.51	142	810	0.321	ug/l #	84
11) Tert butyl alcohol	3.09	59	420	0.610	ug/l #	81
13) Acrolein	2.29	56	291	0.594	ug/l #	68
15) Acrylonitrile	3.15	53	1124	0.741	ug/l #	83
16) Acetone	2.45	43	901	0.626	ug/l #	85
17) Carbon Disulfide	2.56	76	2047	0.364	ug/l #	82
18) Methyl Acetate	2.78	43	1176	0.323	ug/l #	89
20) Methylene Chloride	2.85	84	416	Below Cal	#	79
21) trans-1,2-Dichloroethene	3.17	96	451	0.220	ug/l #	80
23) Vinyl Acetate	3.82	43	1390	0.221	ug/l #	73
25) 2-Butanone	4.71	43	812	0.383	ug/l #	49
29) Tetrahydrofuran	5.18	42	880	0.668	ug/l #	68
31) Cyclohexane	5.66	56	3296	1.051	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	11776	3.821	ug/l #	46
38) Carbon Tetrachloride	5.67	117	16274	5.024	ug/l #	17
49) 1,4-Dioxane	7.77	88	19	0.285	ug/l #	1
56) Ethyl methacrylate	9.19	69	57	2.876	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.31	63	168	14.321	ug/l #	49
70) Styrene	10.72	104	290	2.180	ug/l	96
74) N-amyl acetate	10.90	43	222	1.791	ug/l #	53
76) 1,2,3-Trichloropropane	11.14	75	66888	20.875	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	343	Below Cal		83
81) trans-1,4-Dichloro-2-buten	11.14	75	66888	56.658	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	386	Below Cal		88
93) 1,2,4-Trichlorobenzene	13.65	180	930	0.260	ug/l	86
94) Hexachlorobutadiene	13.79	225	774	0.417	ug/l	99
95) Naphthalene	13.84	128	1611	0.853	ug/l	96

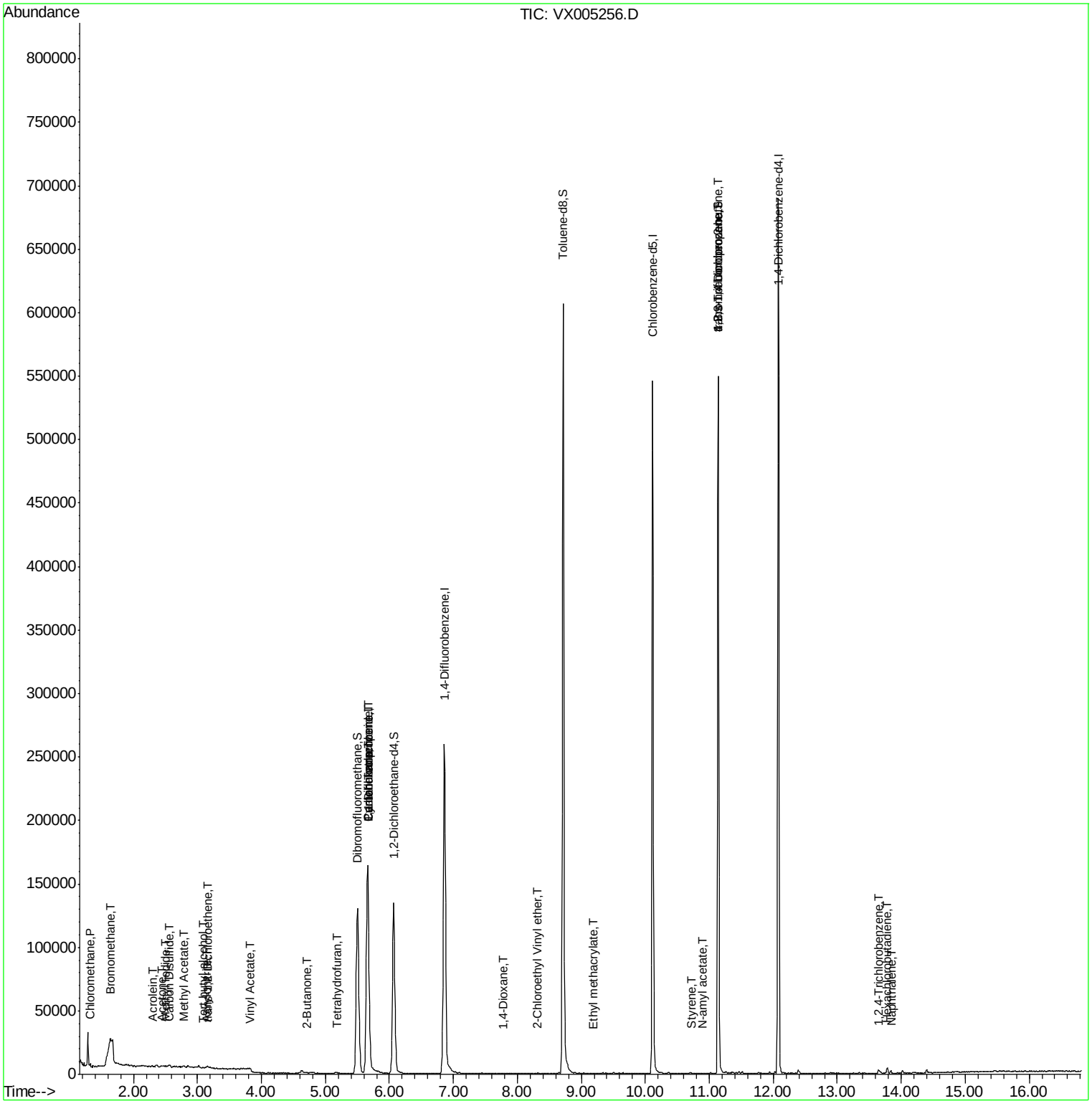
(#) = qualifier out of range (m) = manual integration (+) = signals summed

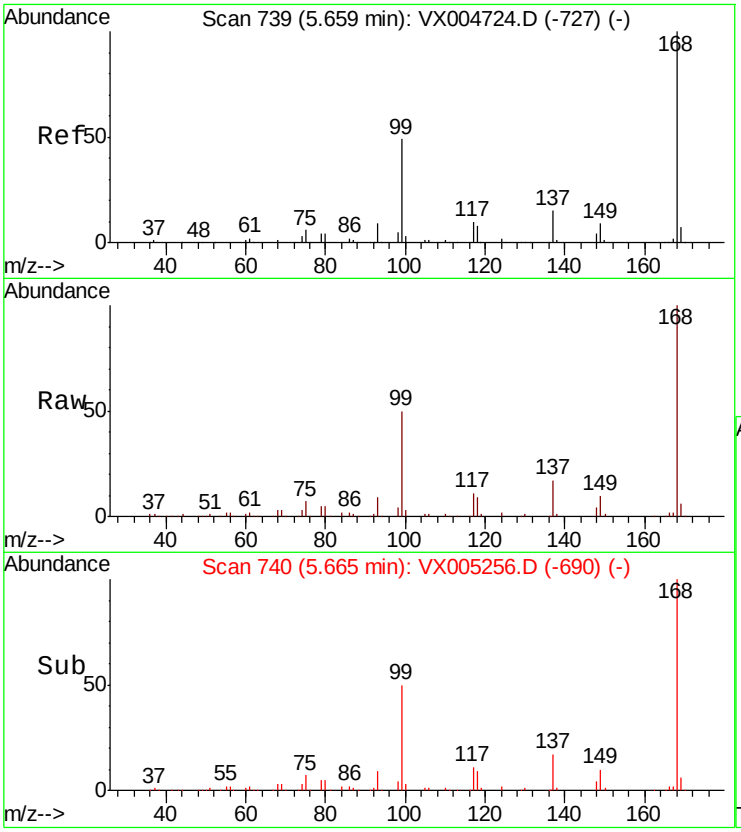
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
Data File : VX005256.D
Acq On : 11 Oct 2018 16:12
Operator : JC/MD
Sample : VX1011WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Quant Time: Oct 12 07:08:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



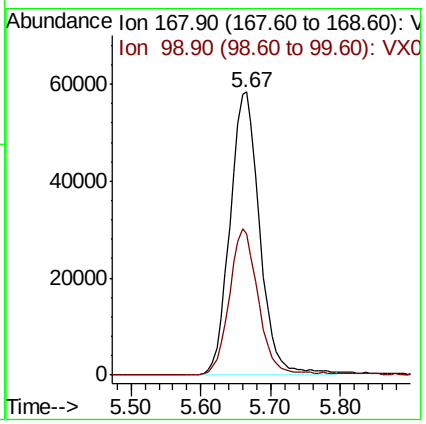


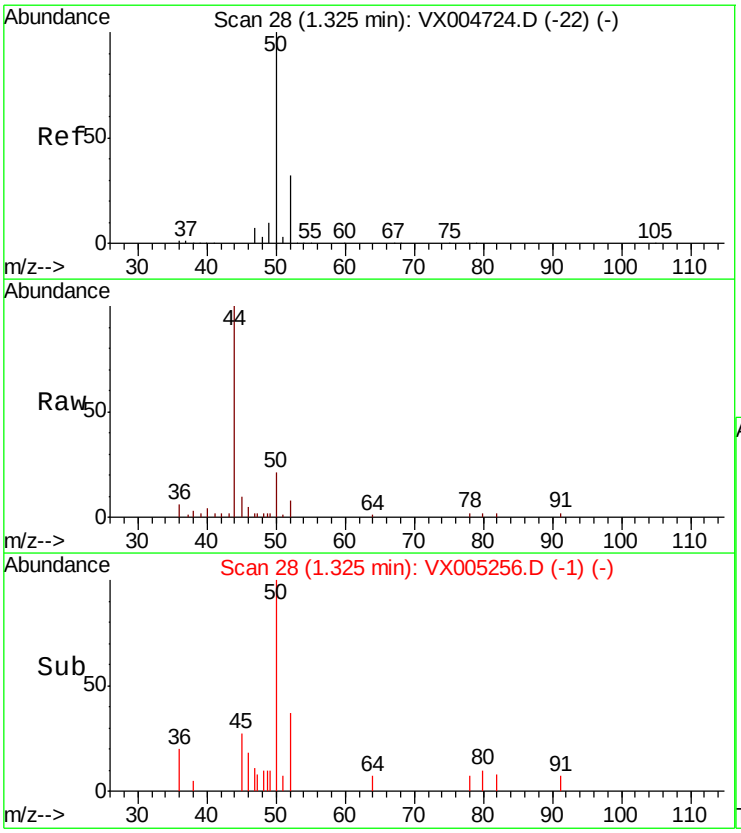
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion:168 Resp: 172507

Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.3	58.9

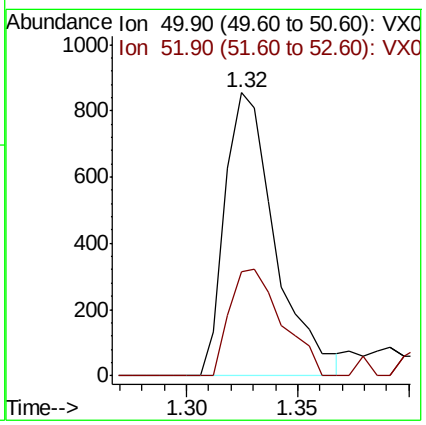


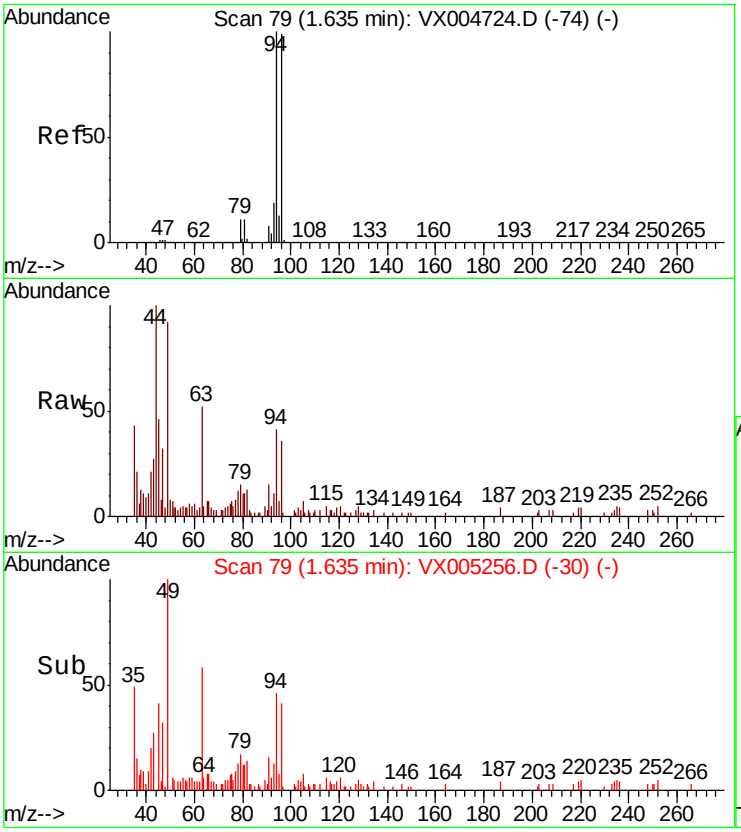


#3
Chloromethane
Concen: 0.471 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 50 Resp: 1345

Ion	Ratio	Lower	Upper
50	100		
52	36.9	25.8	38.6



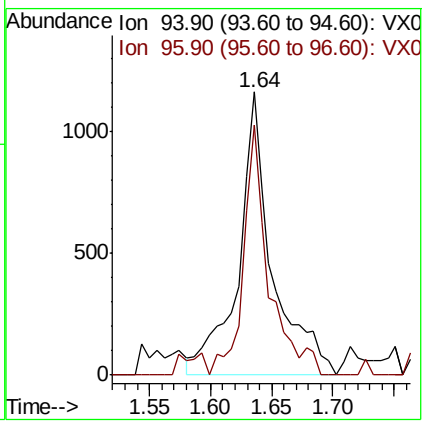


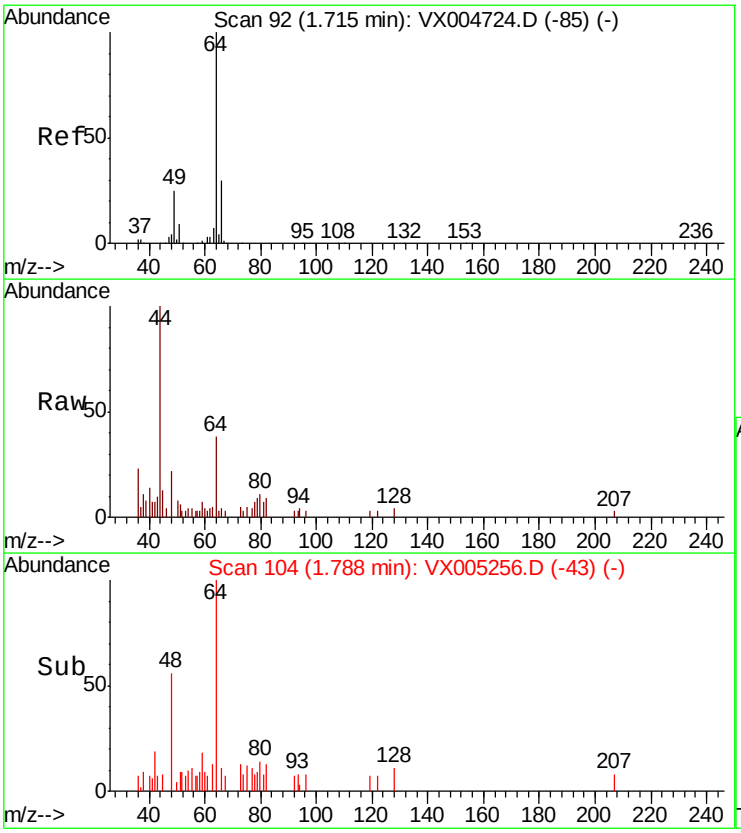
#5
Bromomethane
Concen: 1.409 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion: 94 Resp: 2236

Ion	Ratio	Lower	Upper
94	100		
96	88.2	79.5	119.3

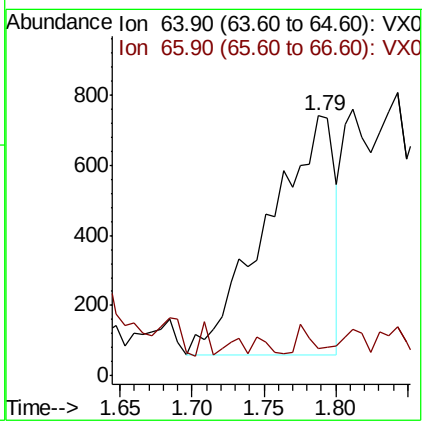


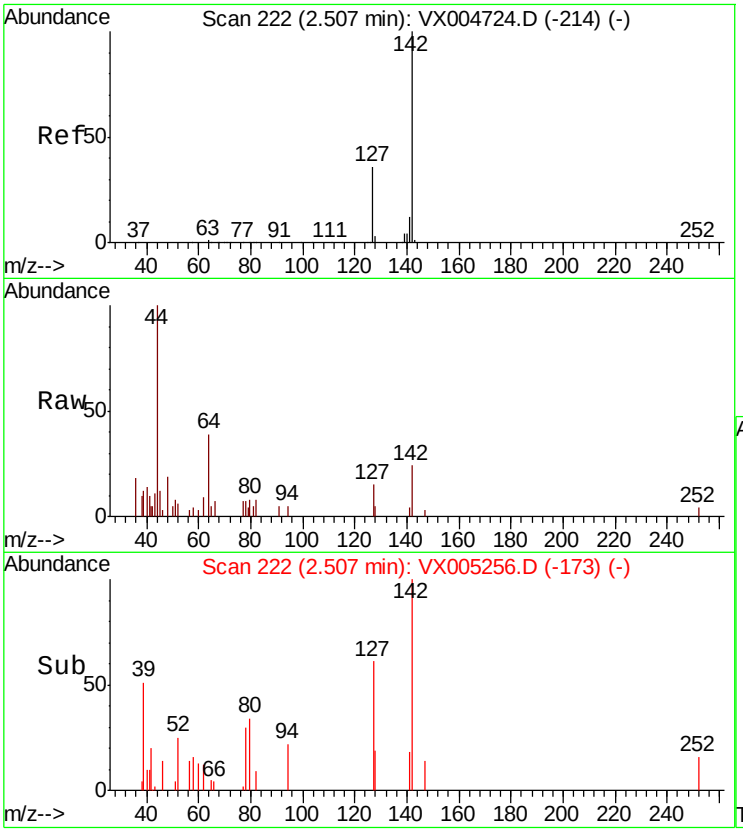


#6
Chloroethane
Concen: Below Cal
RT: 1.79 min Scan# 104
Delta R.T. 0.07 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 64 Resp: 2191

Ion	Ratio	Lower	Upper
64	100		
66	1.5	23.8	35.6#



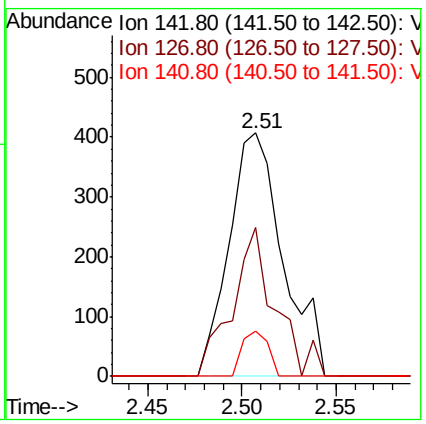


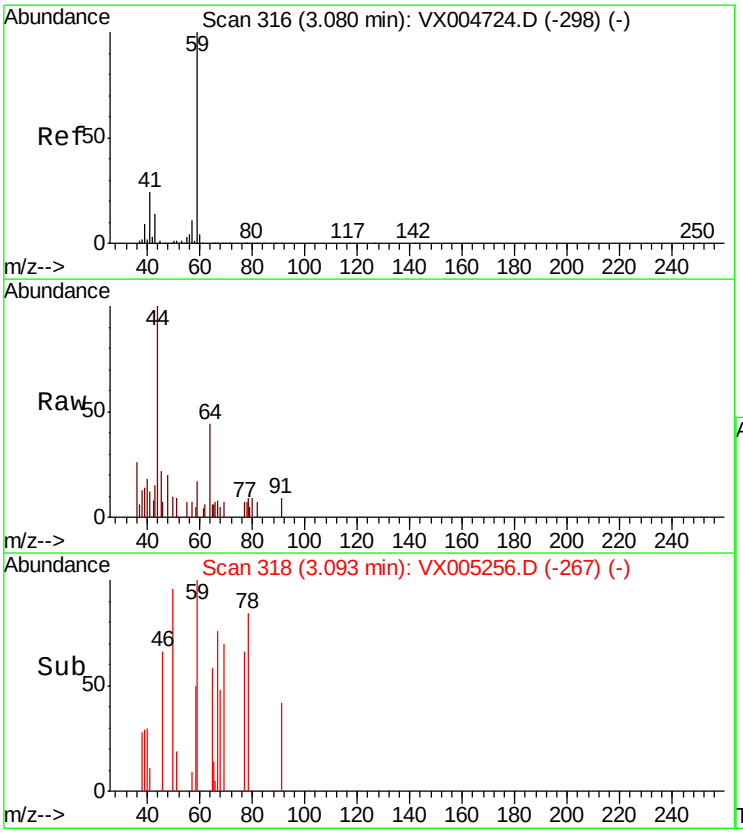
#10
Methyl Iodide
Concen: 0.321 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument : MSVOA_X
ClientSampleId : VX1011WBL01

Tgt Ion:142 Resp: 810

Ion	Ratio	Lower	Upper
142	100		
127	48.5	30.1	45.1#
141	8.8	10.1	15.1#

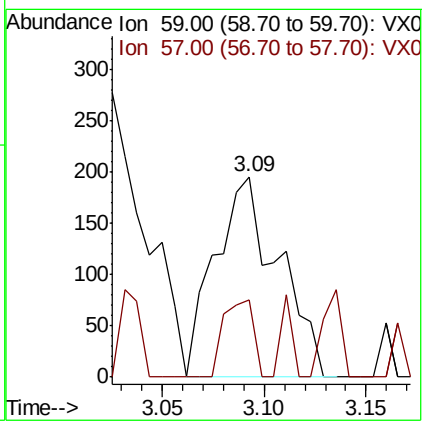


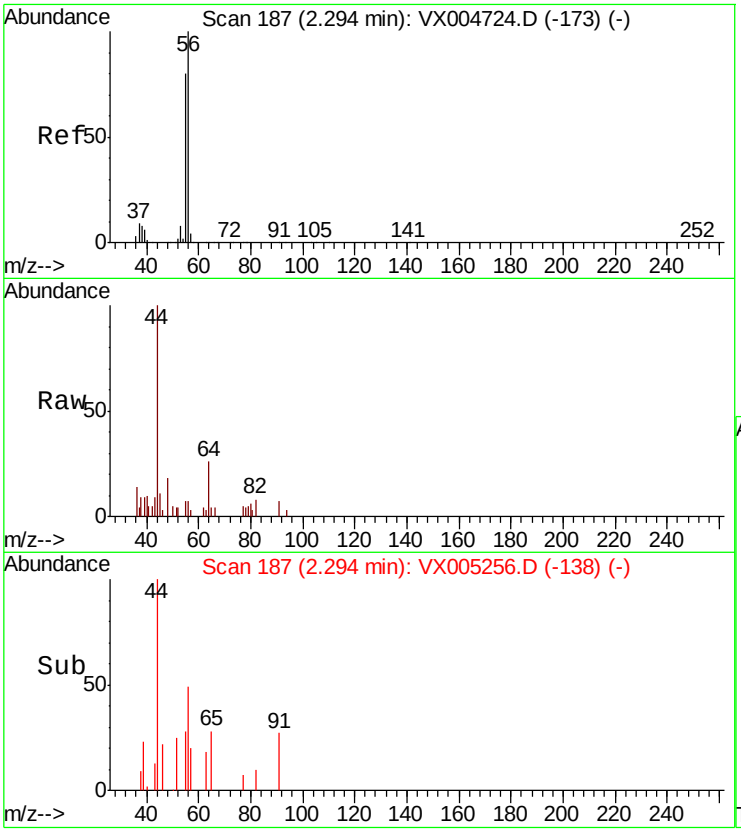


#11
Tert butyl alcohol
Concen: 0.610 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 59 Resp: 420

Ion	Ratio	Lower	Upper
59	100		
57	17.9	8.6	12.8#



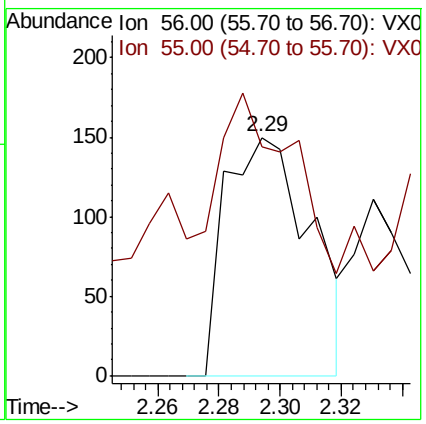


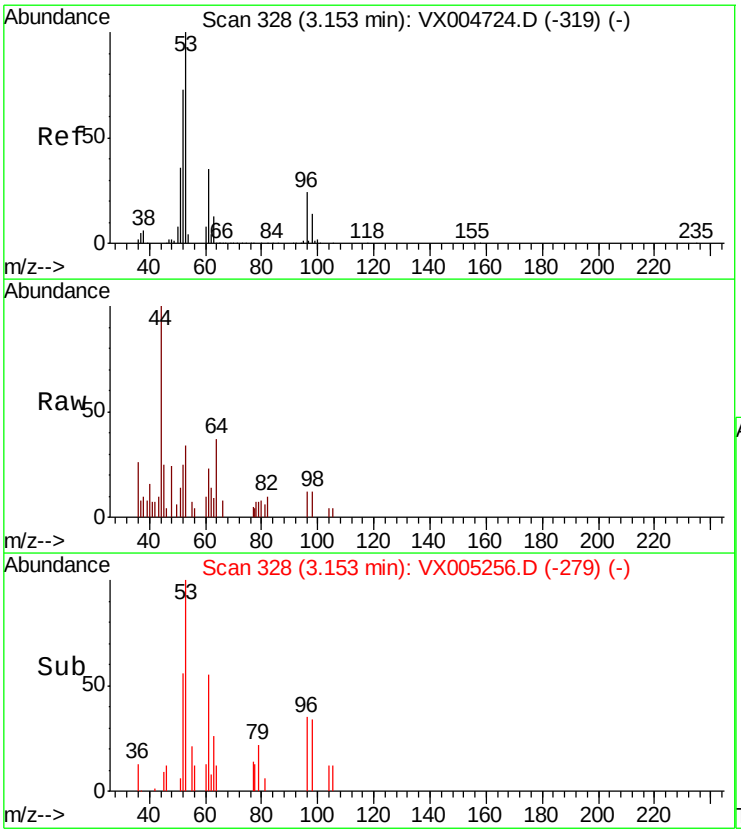
#13
Acrolein
Concen: 0.594 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion: 56 Resp: 291

Ion	Ratio	Lower	Upper
56	100		
55	107.2	63.4	95.2#

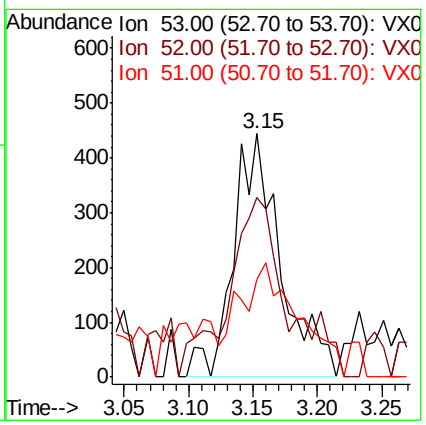


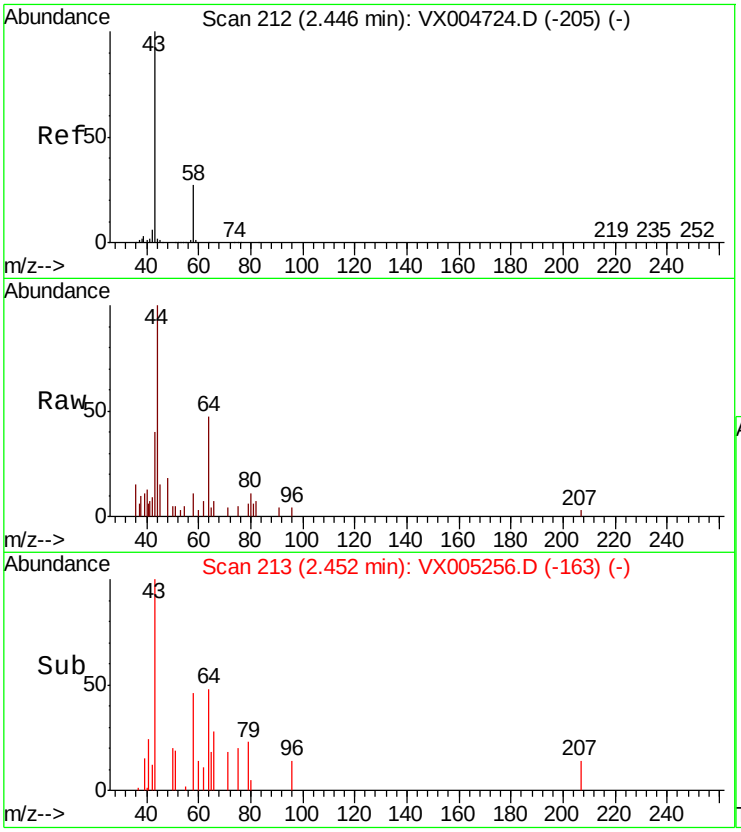


#15
Acrylonitrile
Concen: 0.741 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 53 Resp: 1124

Ion	Ratio	Lower	Upper
53	100		
52	84.3	63.0	94.4
51	59.1	28.6	42.8#



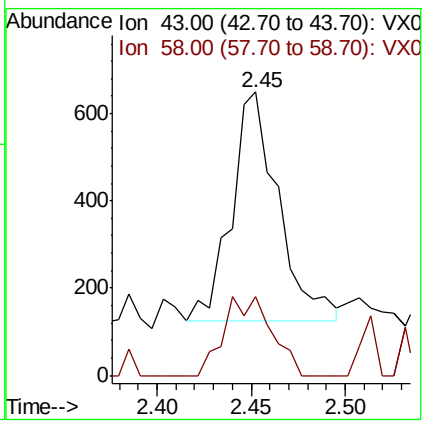


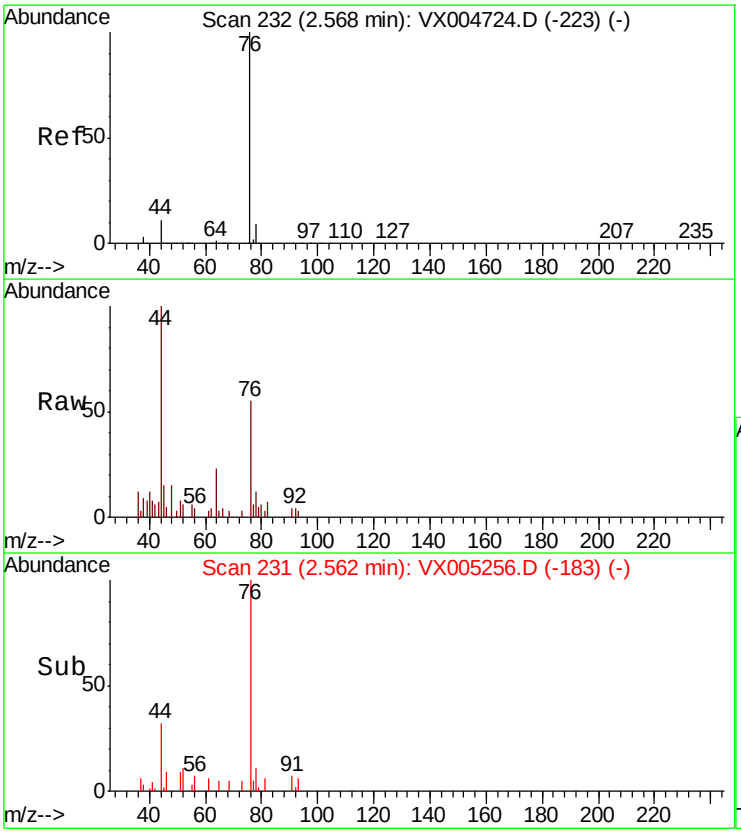
#16
Acetone
Concen: 0.626 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion: 43 Resp: 901

Ion	Ratio	Lower	Upper
43	100		
58	34.8	21.8	32.6#

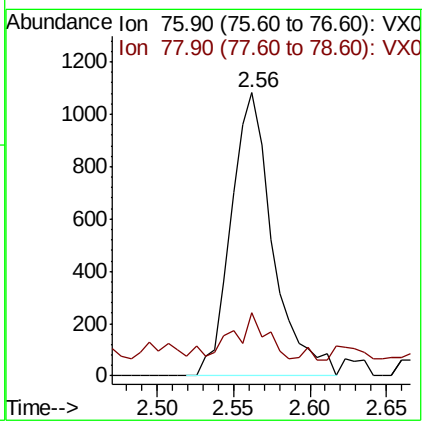


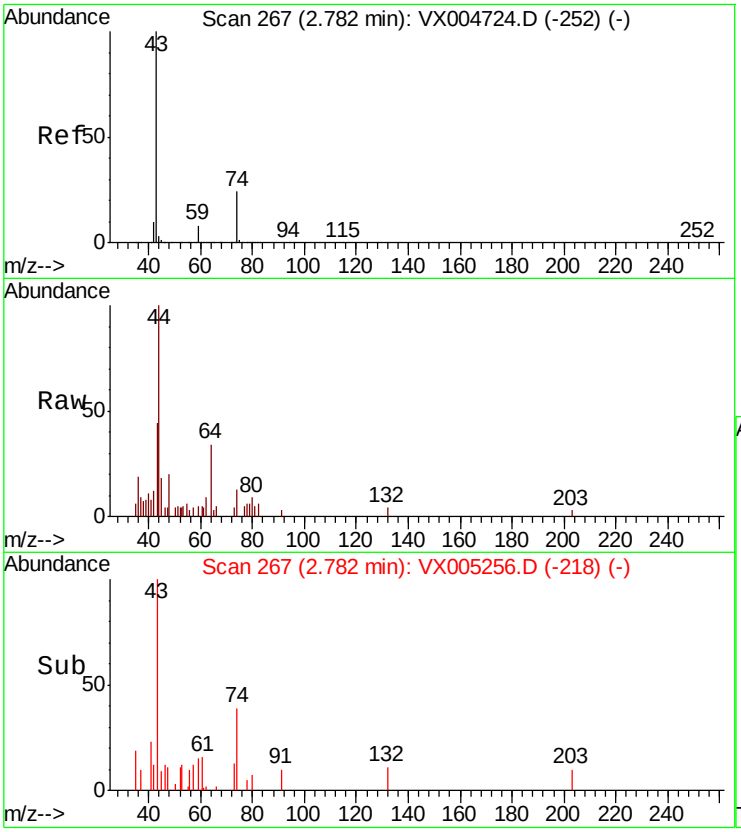


#17
Carbon Disulfide
Concen: 0.364 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 76 Resp: 2047

Ion	Ratio	Lower	Upper
76	100		
78	15.4	7.0	10.6#



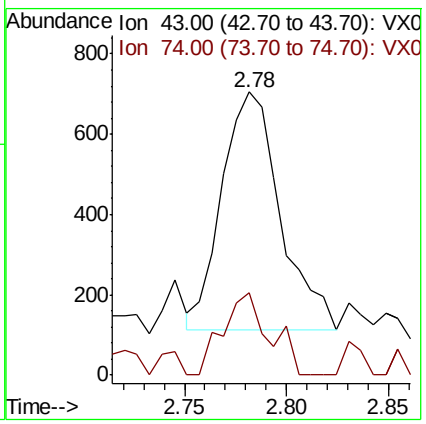


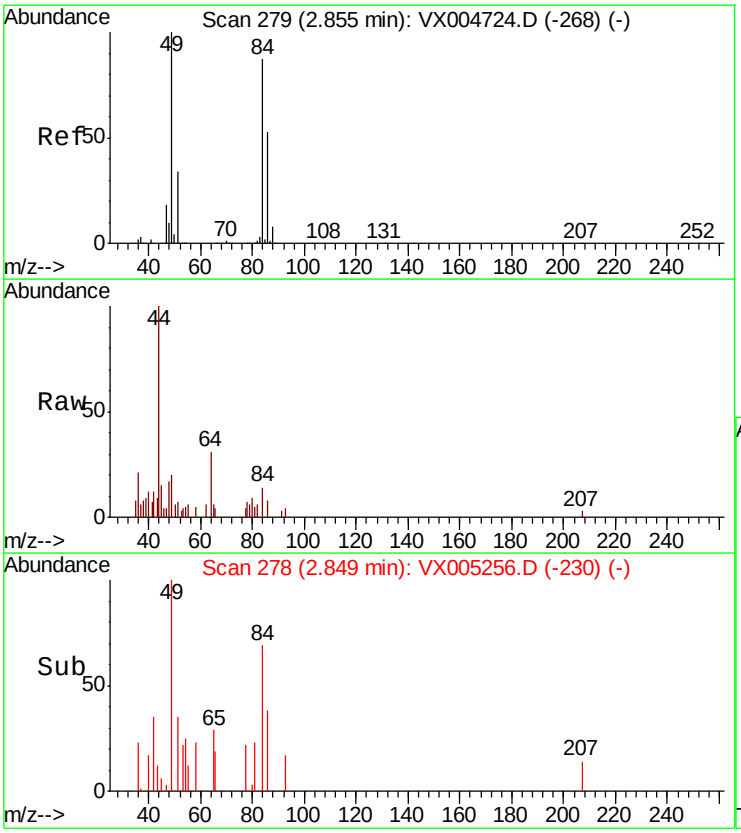
#18
Methyl Acetate
Concen: 0.323 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument : MSVOA_X
ClientSampleId : VX1011WBL01

Tgt Ion: 43 Resp: 1176

Ion	Ratio	Lower	Upper
43	100		
74	27.6	17.8	26.8#

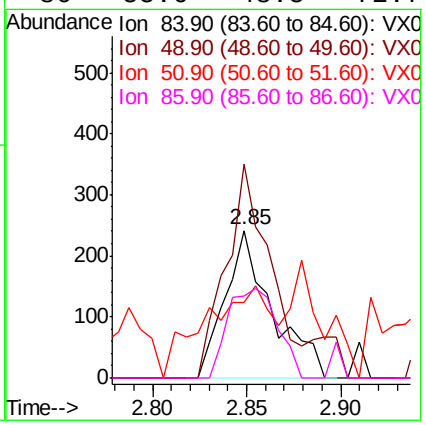


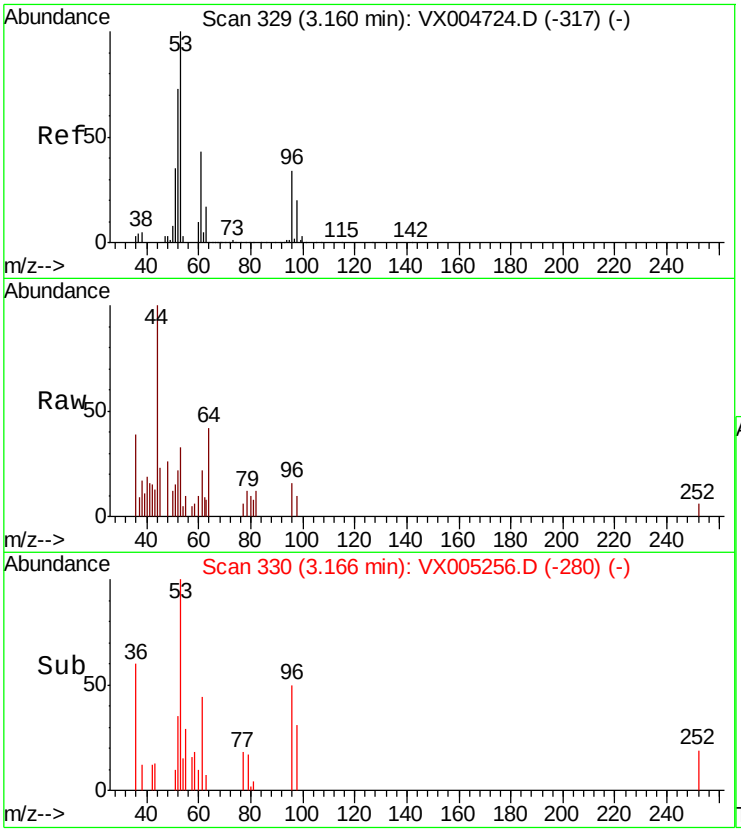


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 84 Resp: 416

Ion	Ratio	Lower	Upper
84	100		
49	145.2	92.3	138.5#
51	23.7	31.8	47.6#
86	55.6	48.5	72.7



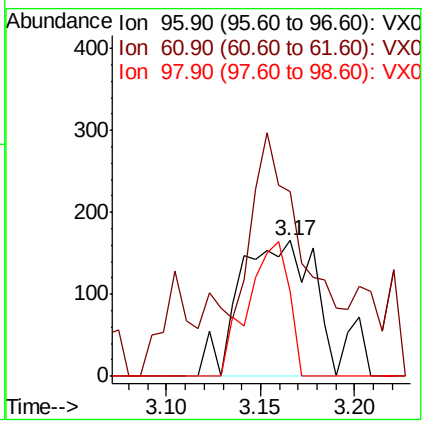


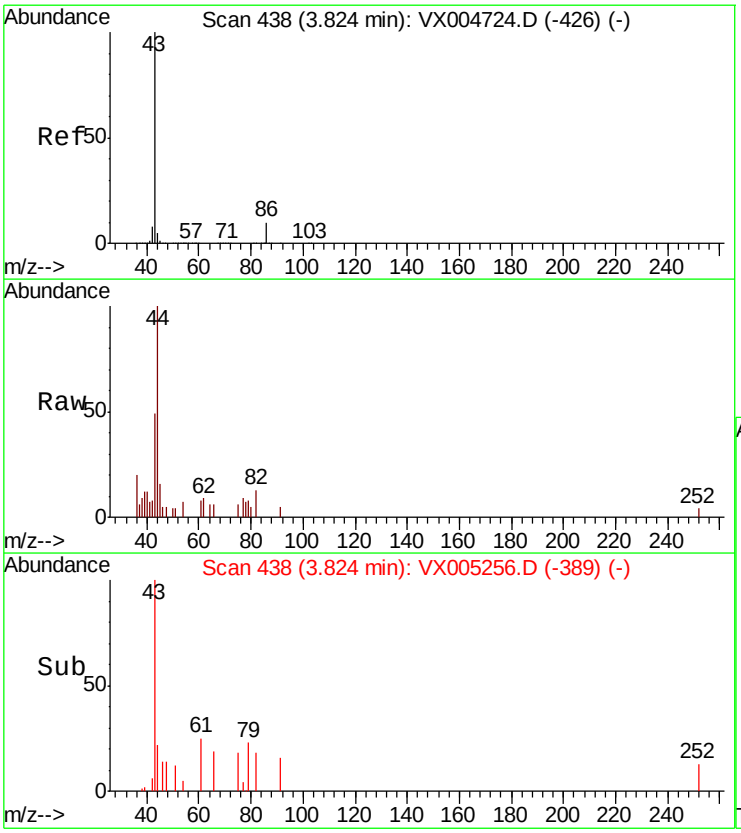
#21
trans-1,2-Dichloroethene
Concen: 0.220 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion: 96 Resp: 451

Ion	Ratio	Lower	Upper
96	100		
61	95.2	101.0	151.6#
98	62.0	47.2	70.8

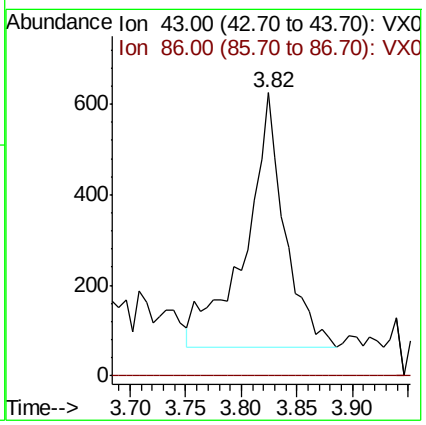


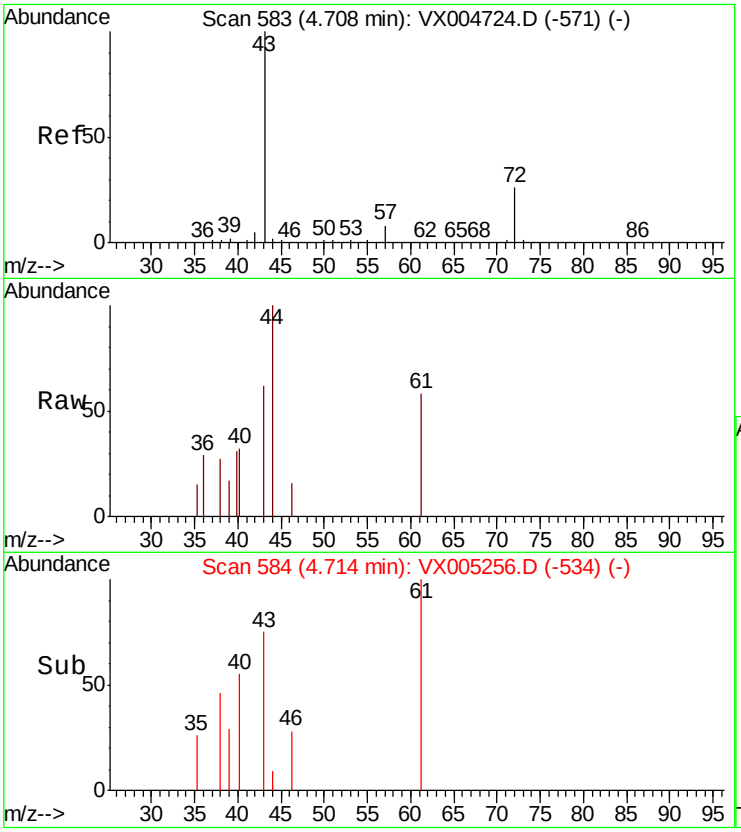


#23
Vinyl Acetate
Concen: 0.221 ug/l
RT: 3.82 min Scan# 438
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 43 Resp: 1390

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.1	12.1#



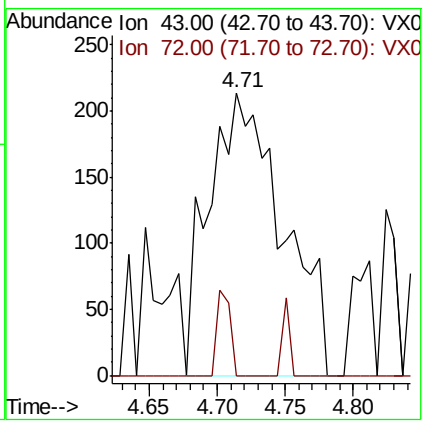


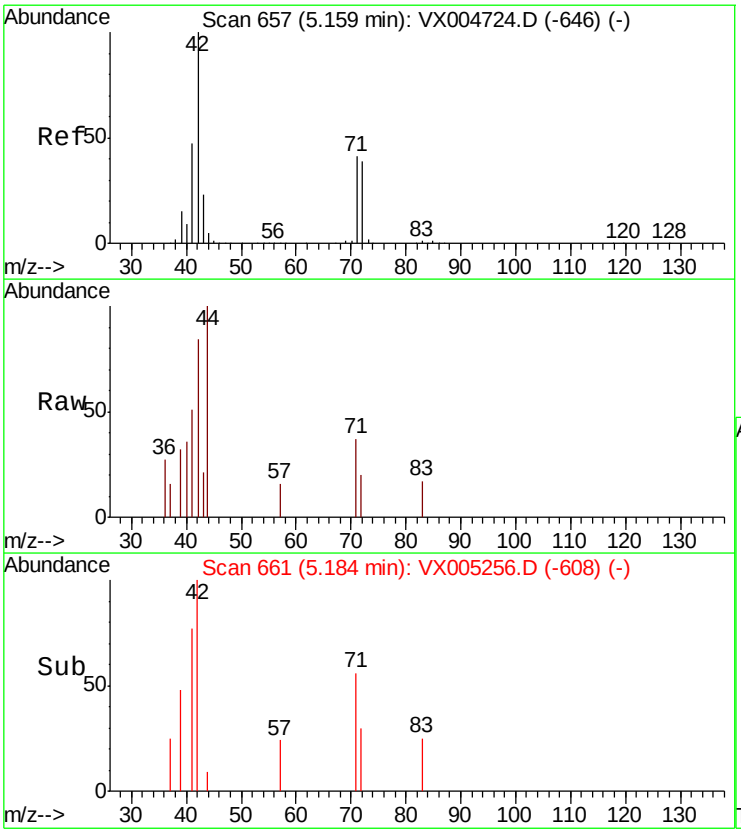
#25
2-Butanone
Concen: 0.383 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion: 43 Resp: 812

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#

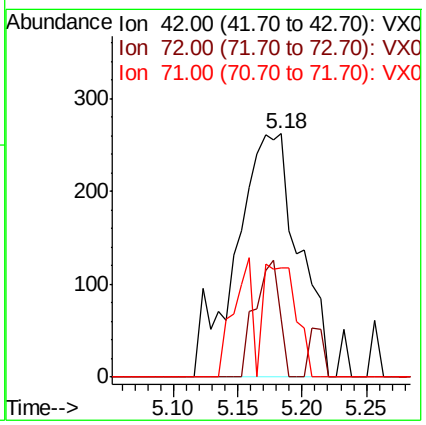


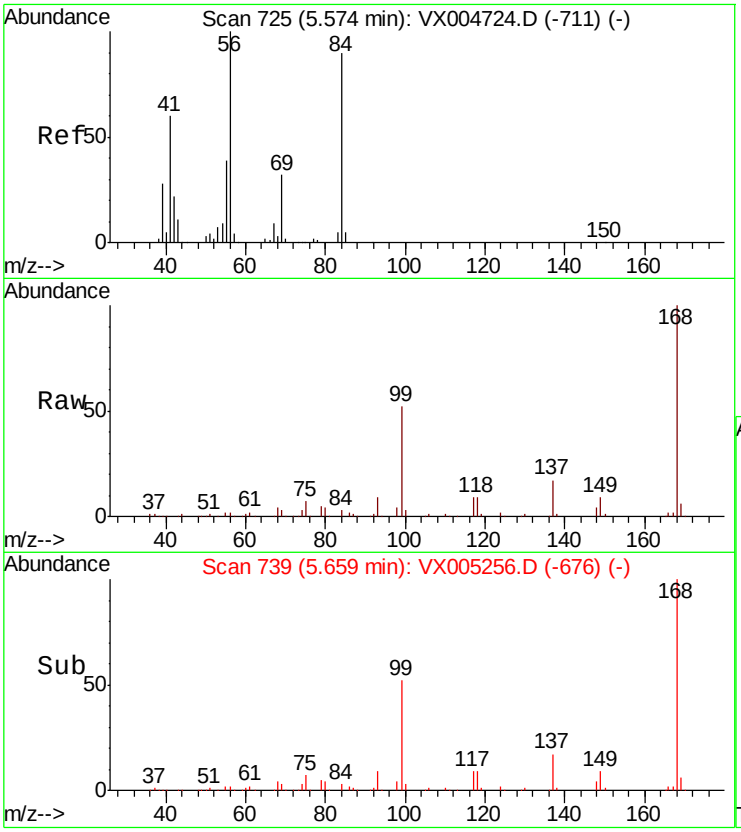


#29
Tetrahydrofuran
Concen: 0.668 ug/l
RT: 5.18 min Scan# 661
Delta R.T. 0.02 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 42 Resp: 880

Ion	Ratio	Lower	Upper
42	100		
72	18.6	33.7	50.5#
71	24.3	32.2	48.4#



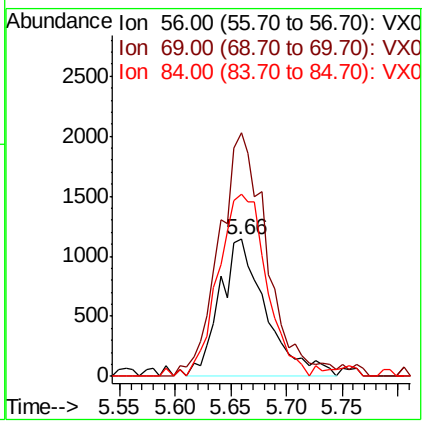


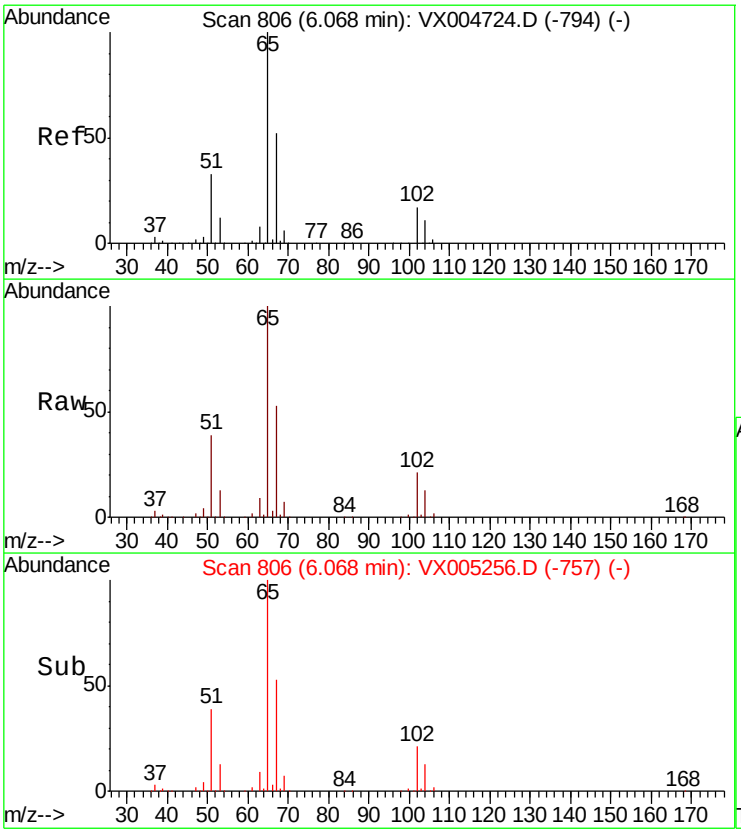
#31
Cyclohexane
Concen: 1.051 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument : MSVOA_X
ClientSampleId : VX1011WBL01

Tgt Ion: 56 Resp: 3296

Ion	Ratio	Lower	Upper
56	100		
69	173.2	25.9	38.9#
84	133.6	71.9	107.9#

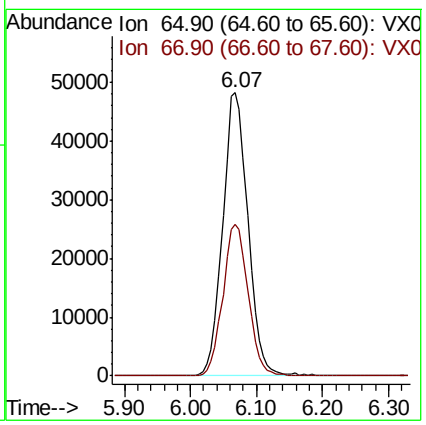


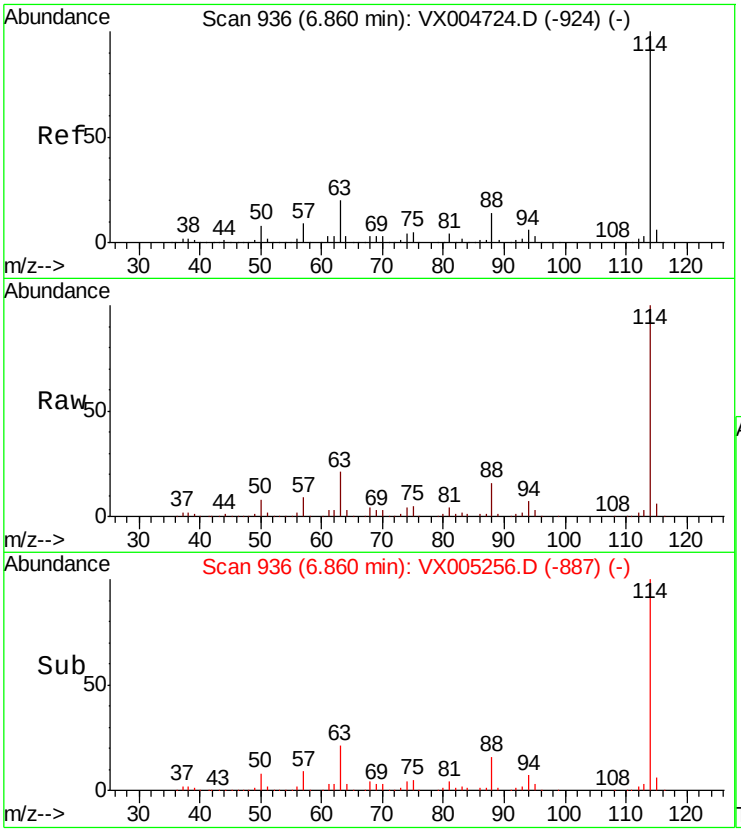


#33
1,2-Dichloroethane-d4
Concen: 51.836 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 65 Resp: 127739

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.4



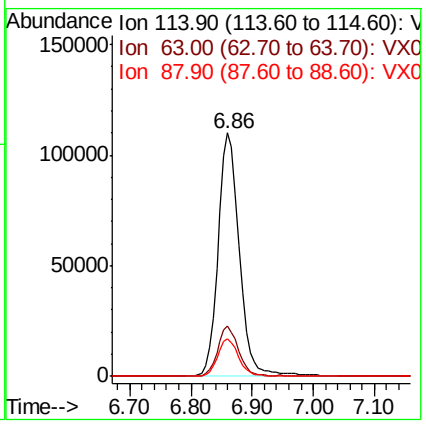


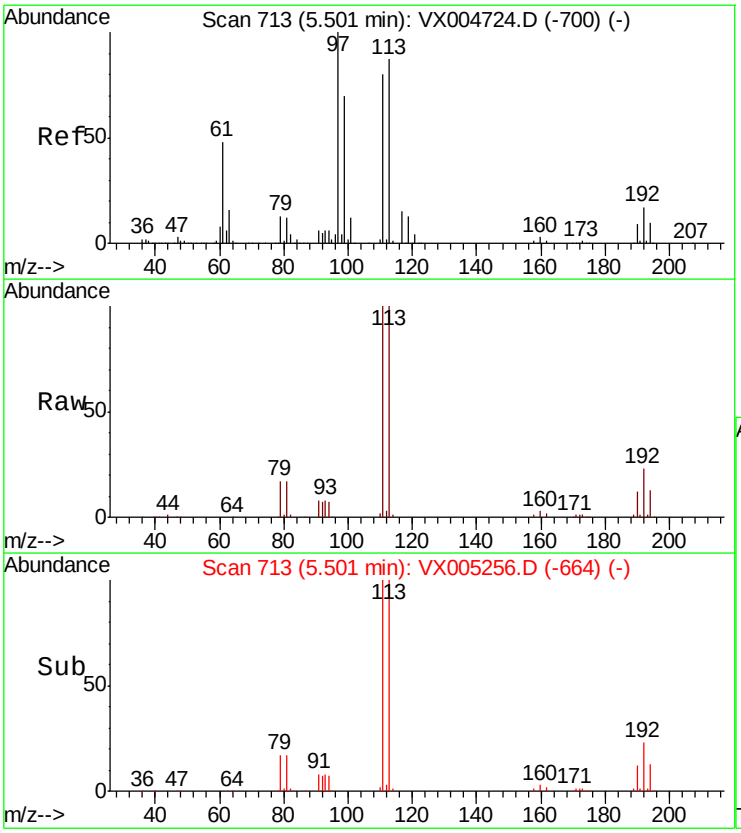
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument : MSVOA_X
ClientSampleId : VX1011WBL01

Tgt Ion:114 Resp: 266513

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.8
88	15.6	0.0	27.0

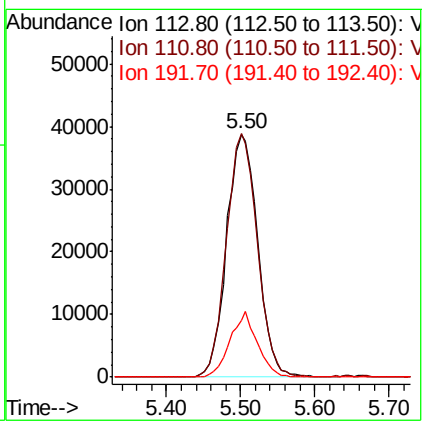


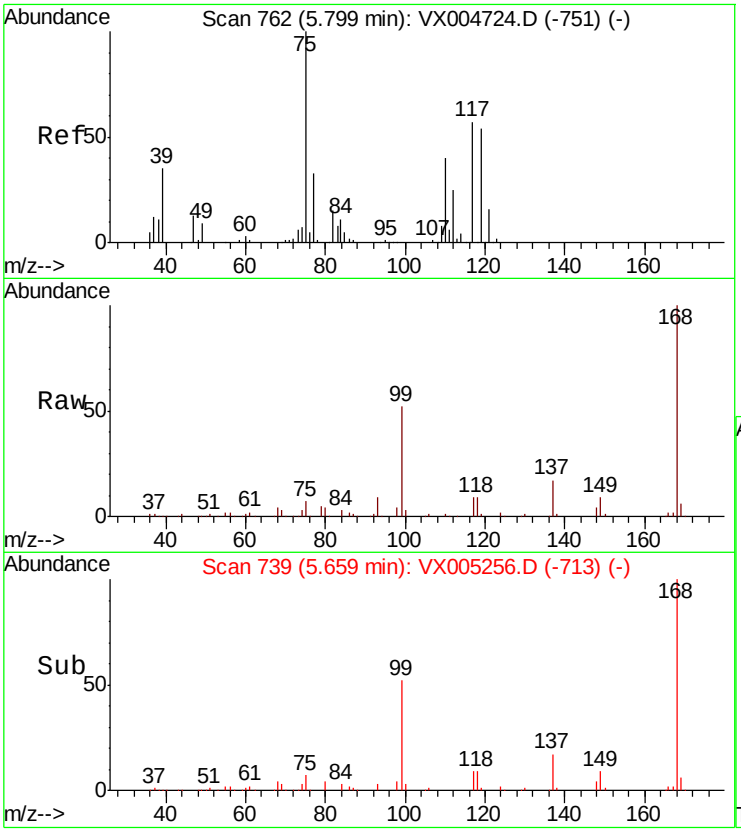


#35
Dibromofluoromethane
Concen: 50.280 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion:113 Resp: 113570

Ion	Ratio	Lower	Upper
113	100		
111	99.5	77.0	115.4
192	23.6	17.0	25.6



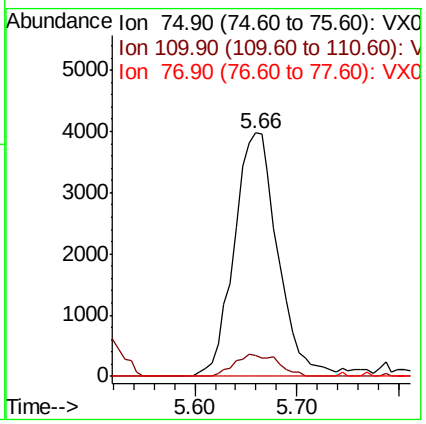


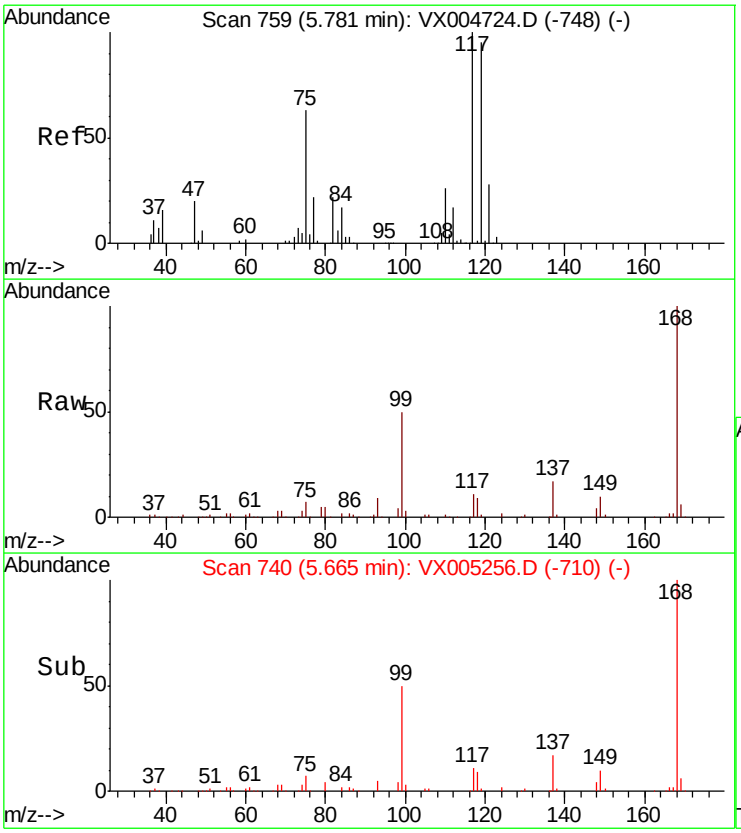
#36
1,1-Dichloropropene
Concen: 3.821 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion: 75 Resp: 11776

Ion	Ratio	Lower	Upper
75	100		
110	9.1	20.0	59.9#
77	0.0	27.1	40.7#

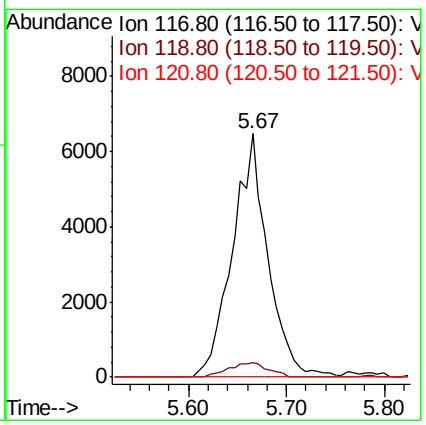


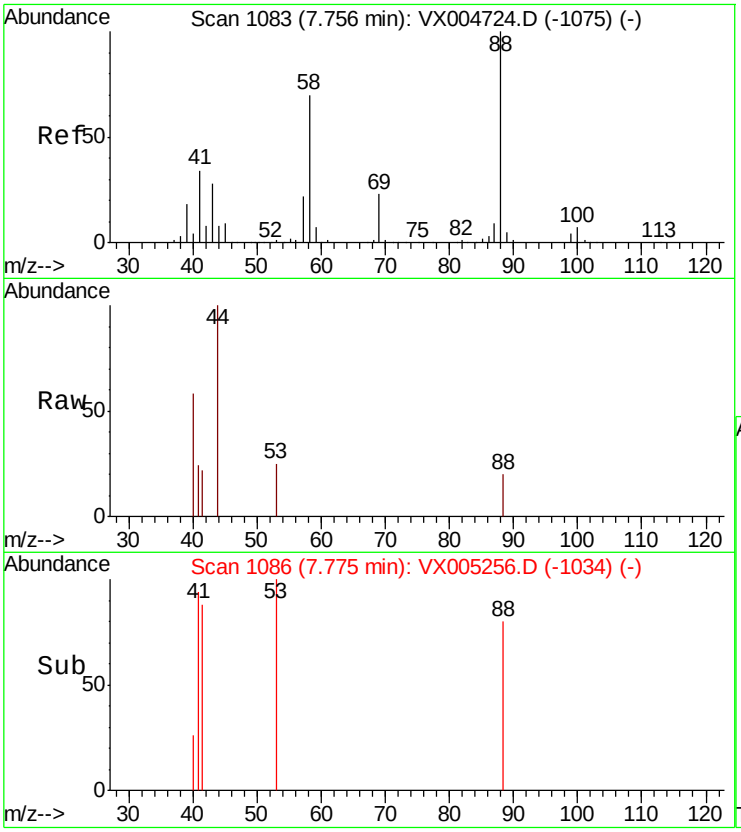


#38
Carbon Tetrachloride
Concen: 5.024 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion:117 Resp: 16274

Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.2	112.8#
121	0.0	22.5	33.7#



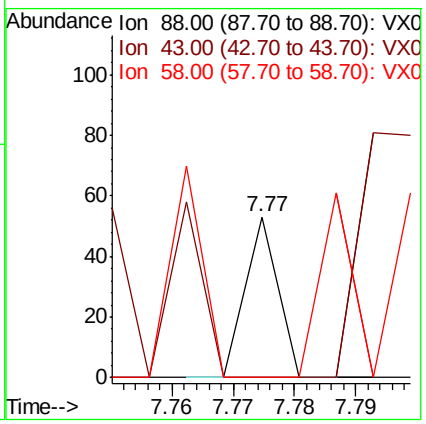


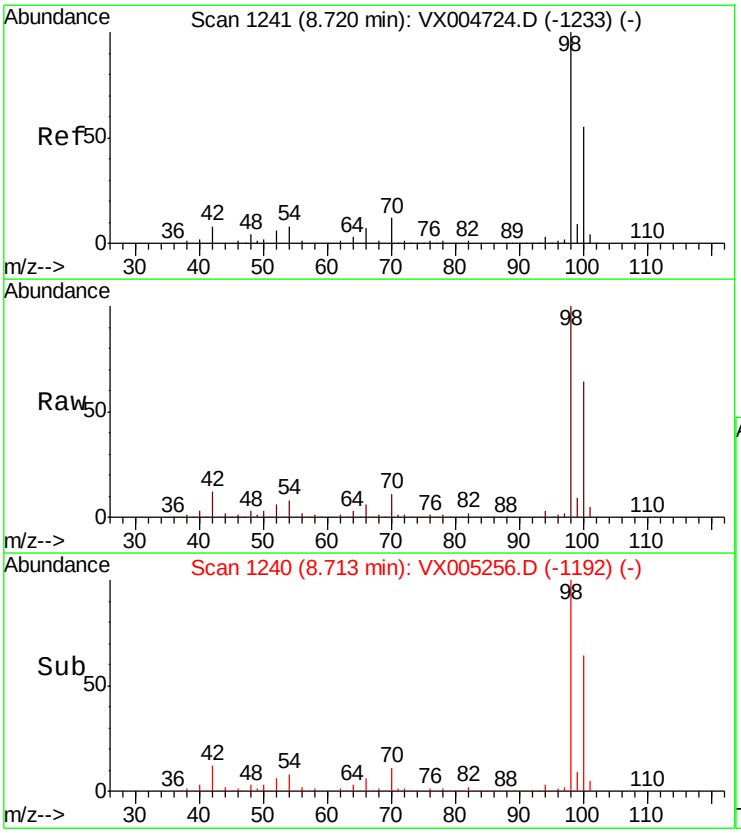
#49
1,4-Dioxane
Concen: 0.285 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.02 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument : MSVOA_X
ClientSampleId : VX1011WBL01

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	221.1	25.1	37.7#
58	136.8	56.2	84.2#

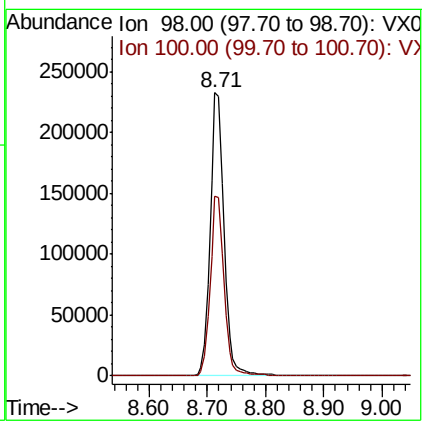


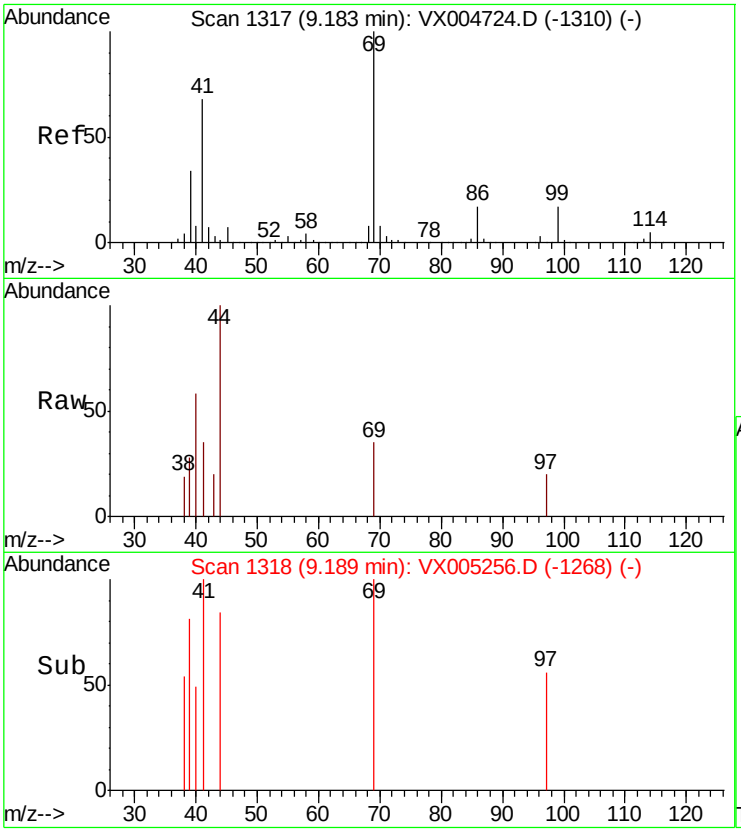


#50
Toluene-d8
Concen: 51.282 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 98 Resp: 385081

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.9	77.9



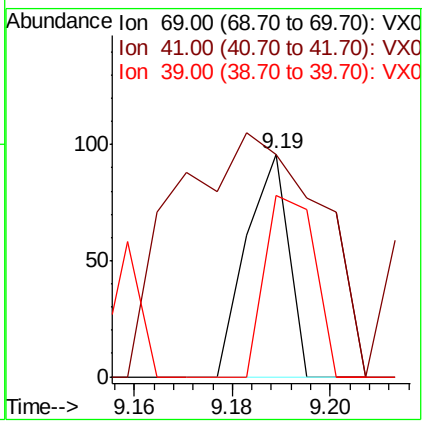


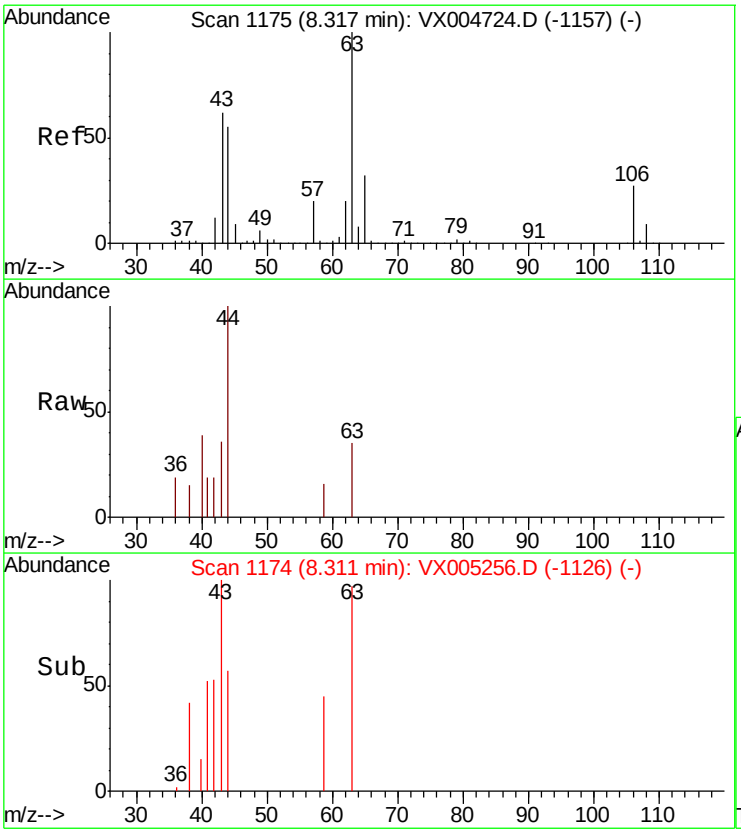
#56
Ethyl methacrylate
Concen: 2.876 ug/l
RT: 9.19 min Scan# 1318
Delta R.T. 0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion: 69 Resp: 57

Ion	Ratio	Lower	Upper
69	100		
41	415.8	56.9	85.3#
39	96.5	28.4	42.6#

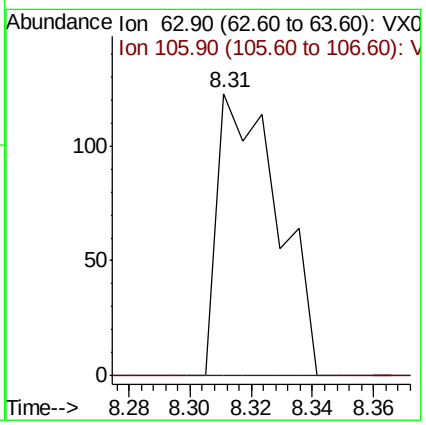


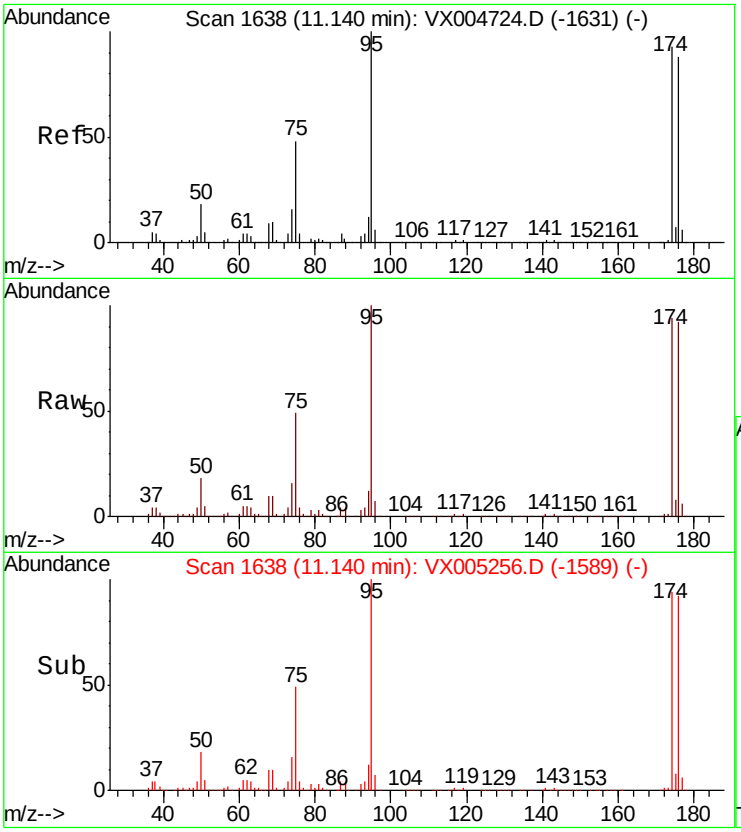


#58
2-Chloroethyl Vinyl ether
Concen: 14.321 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 63 Resp: 168

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#



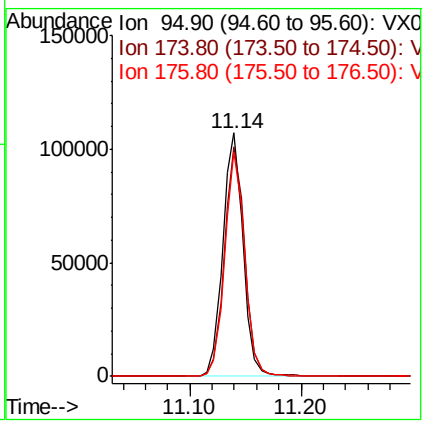


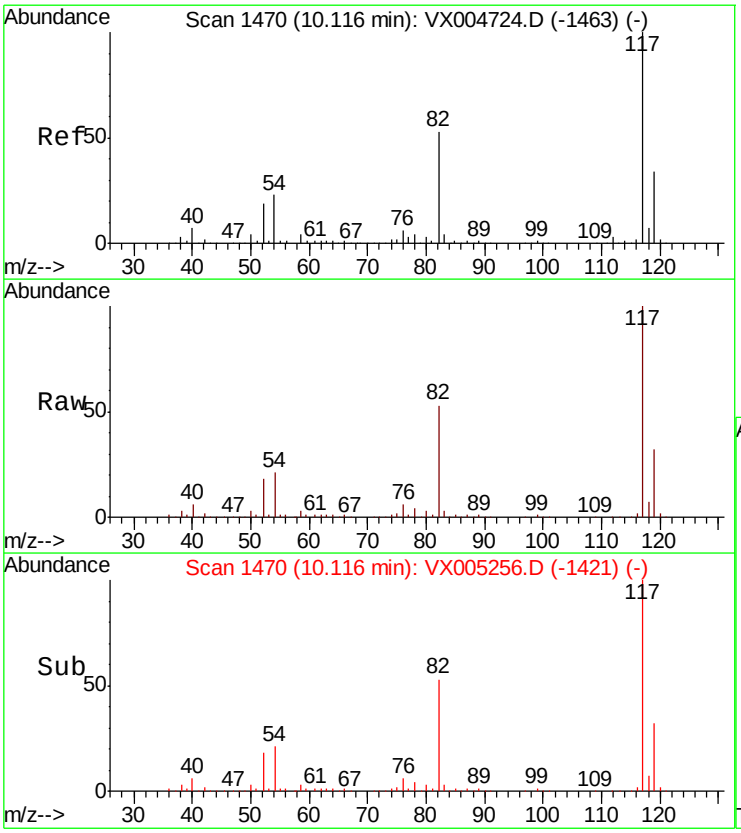
#62
4-Bromofluorobenzene
Concen: 49.510 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion: 95 Resp: 133935

Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	185.0
176	91.1	0.0	180.2

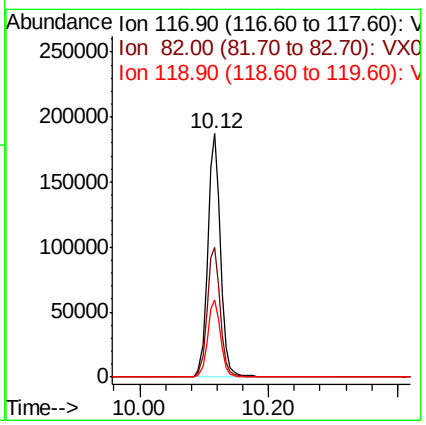


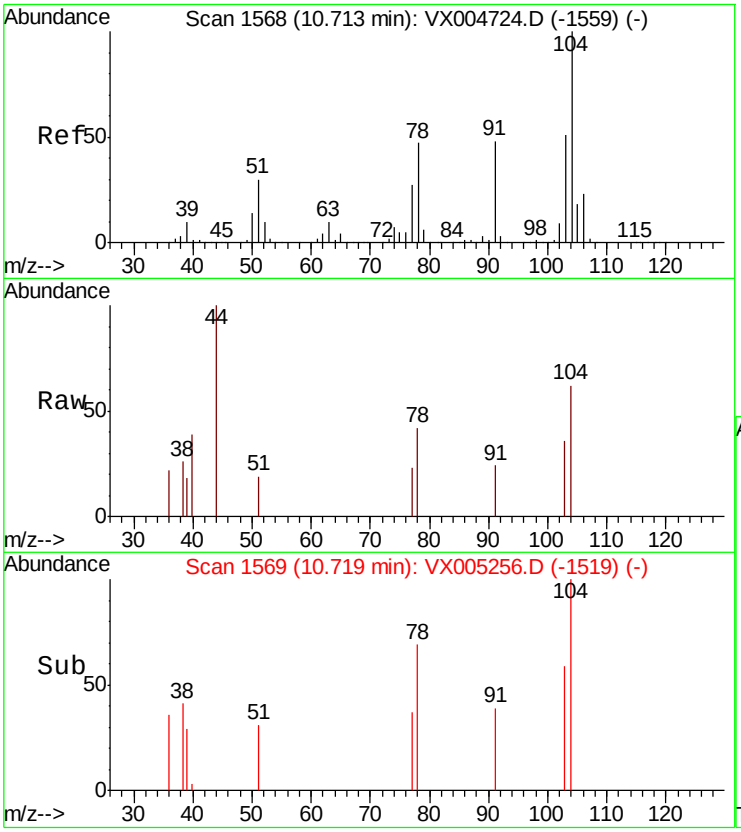


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion:117 Resp: 259577

Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.2	63.4
119	31.7	27.4	41.0



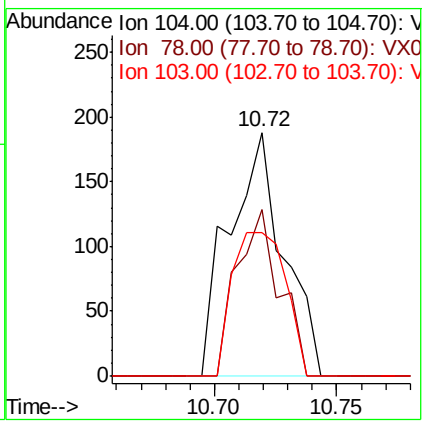


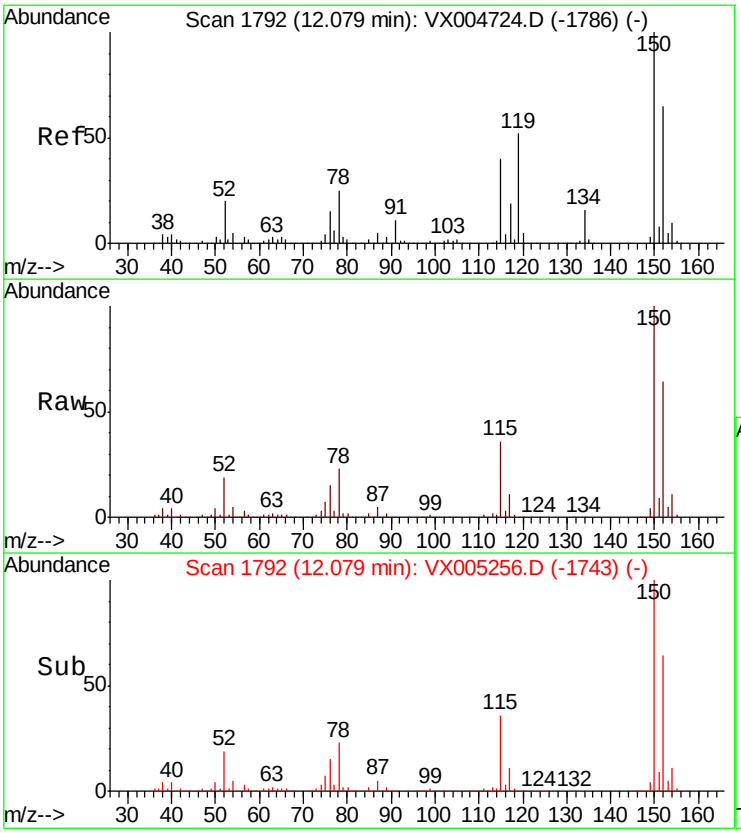
#70
Stvrene
Concen: 2.180 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion:104 Resp: 290

Ion	Ratio	Lower	Upper
104	100		
78	53.8	40.0	60.0
103	57.9	44.3	66.5

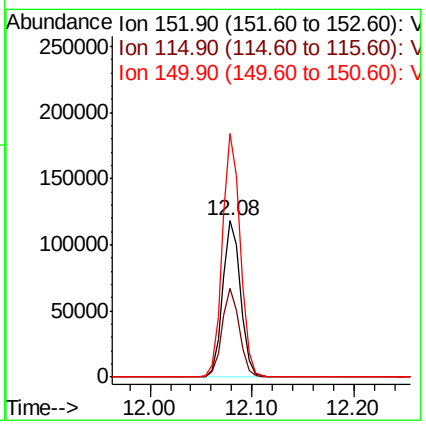


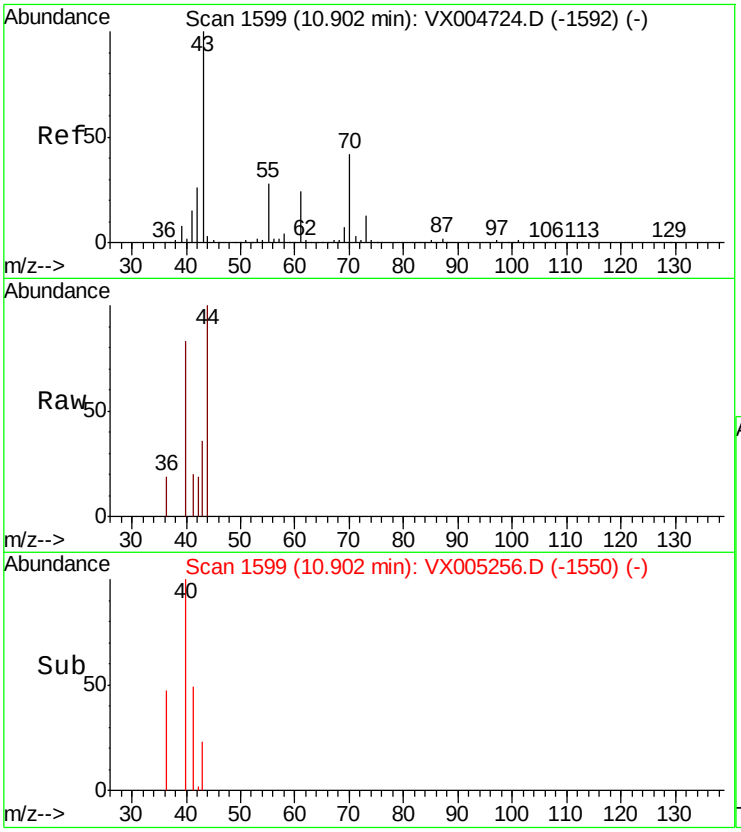


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion:152 Resp: 142960

Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.2	120.6
150	156.5	0.0	351.0



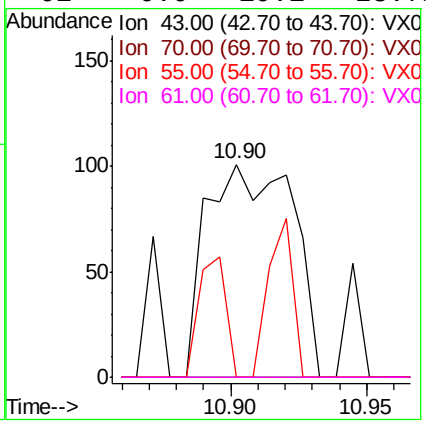


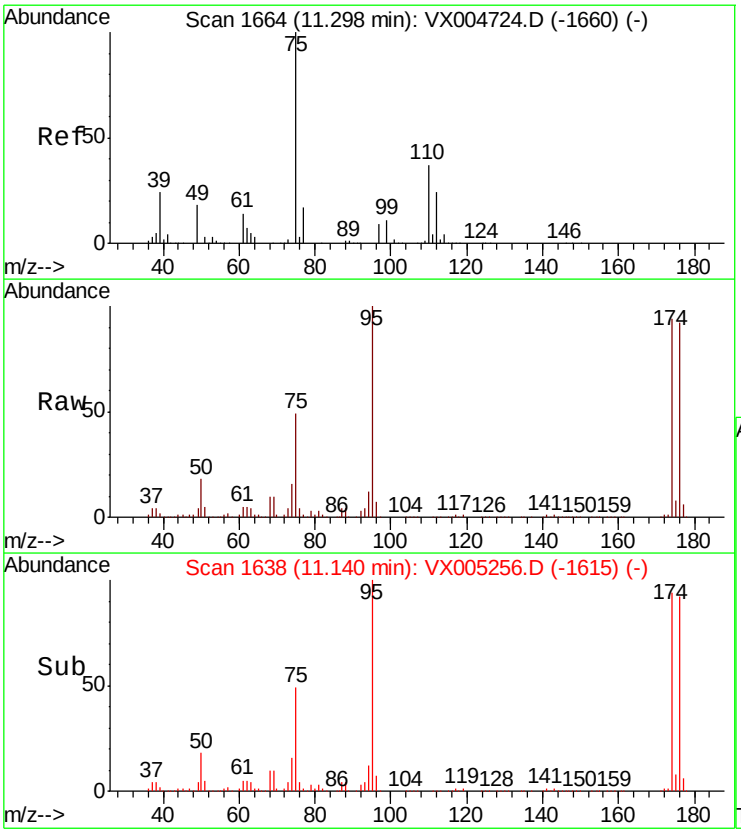
#74
N-amyl acetate
Concen: 1.791 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument : MSVOA_X
ClientSampleId : VX1011WBL01

Tgt Ion: 43 Resp: 222

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	18.0	21.6	32.4#
61	0.0	19.1	28.7#

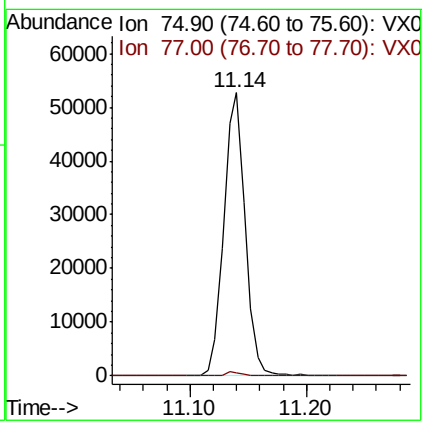


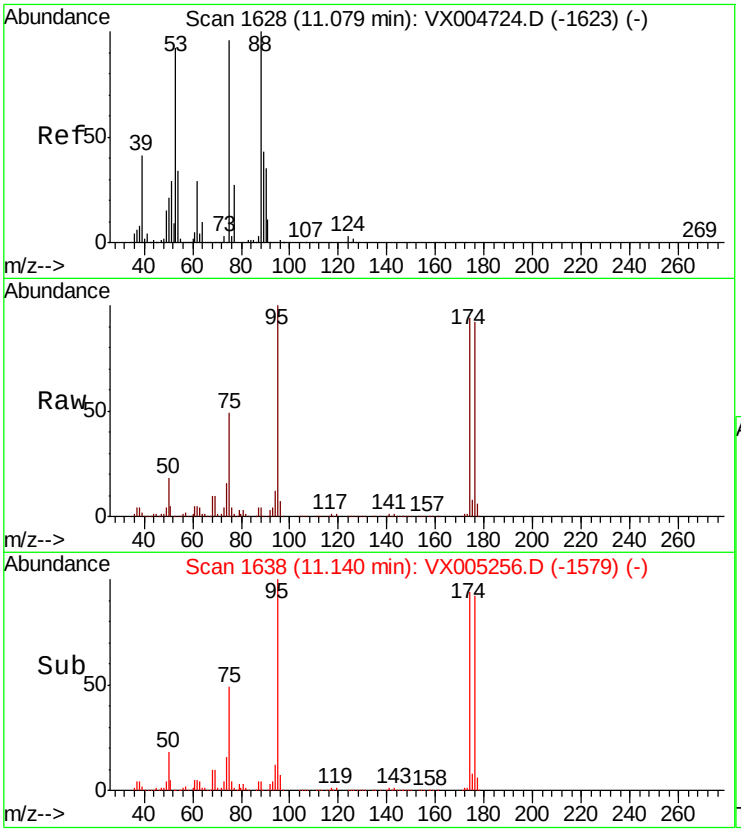


#76
1,2,3-Trichloropropane
Concen: 20.875 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 75 Resp: 66888

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#



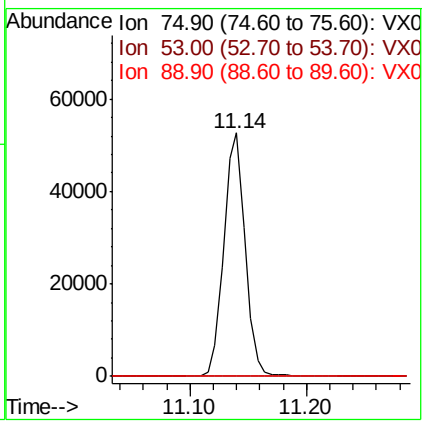


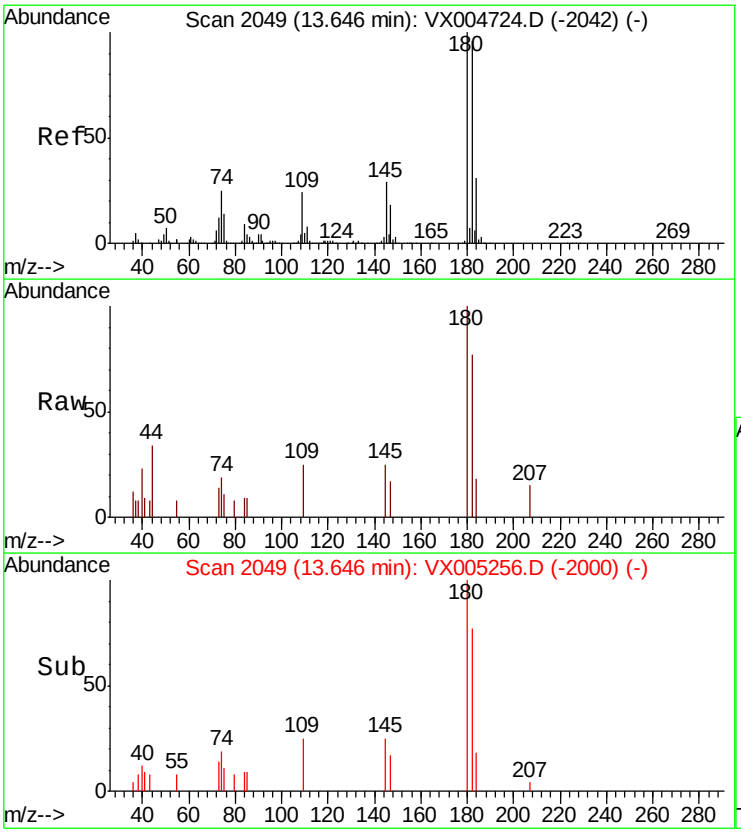
#81
trans-1,4-Dichloro-2-butene
Concen: 56.658 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBL01

Tgt Ion: 75 Resp: 66888

Ion	Ratio	Lower	Upper
75	100		
53	0.4	80.2	120.4#
89	0.1	37.1	55.7#

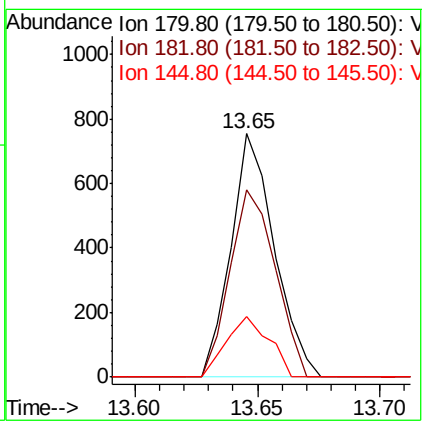


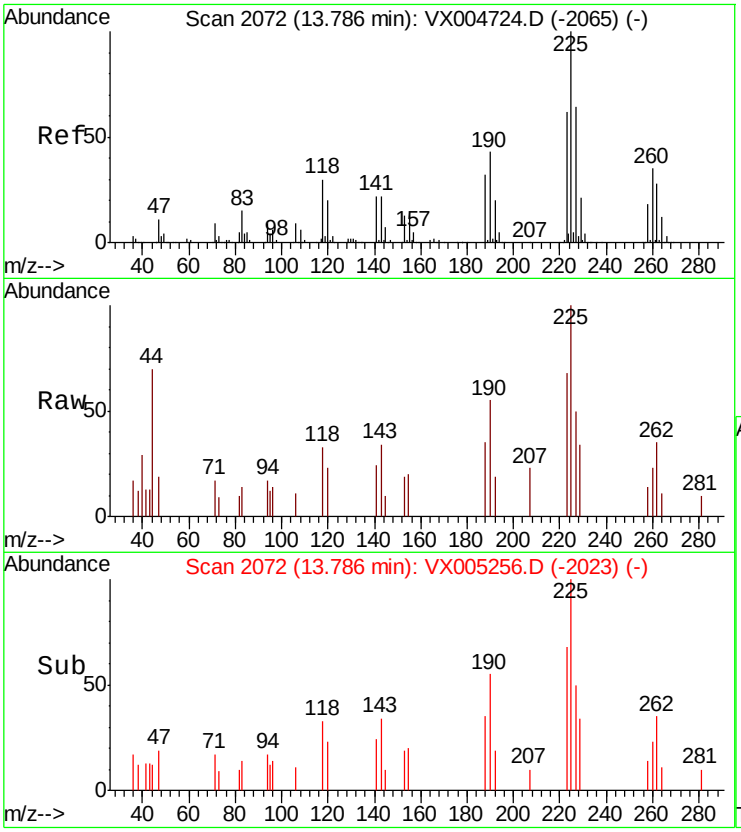


#93
1,2,4-Trichlorobenzene
Concen: 0.260 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion:180 Resp: 930

Ion	Ratio	Lower	Upper
180	100		
182	80.2	47.8	143.4
145	24.3	14.1	42.4



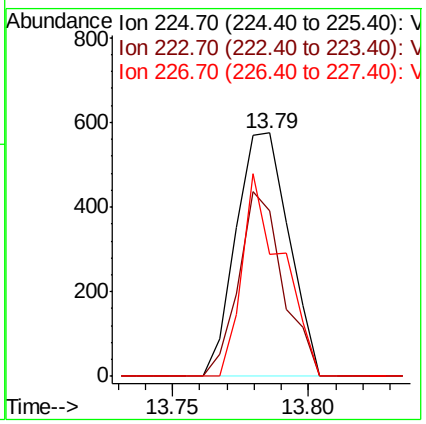


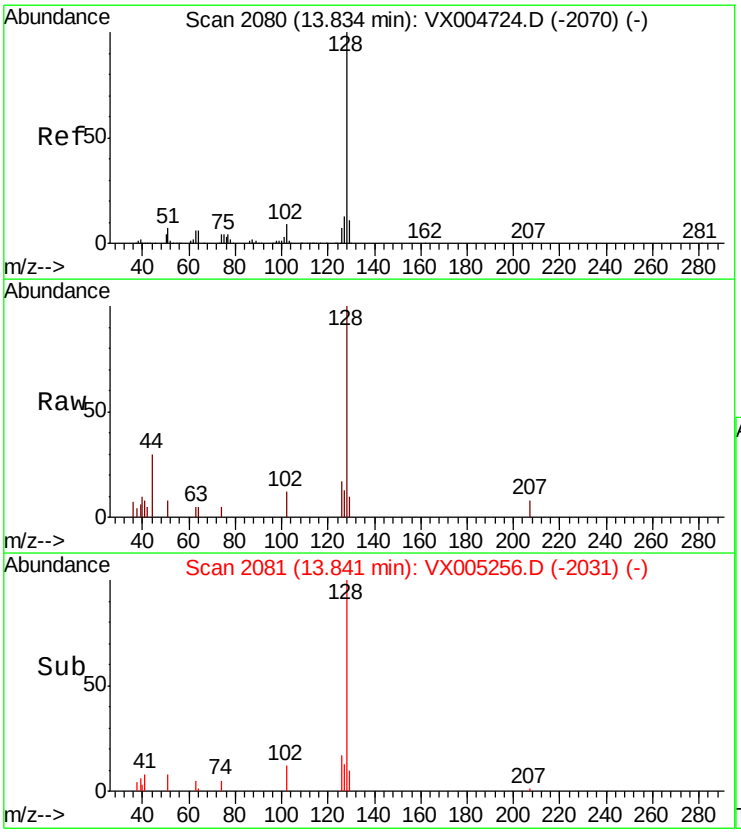
#94
Hexachlorobutadiene
Concen: 0.417 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument : MSVOA_X
ClientSampleId : VX1011WBL01

Tgt Ion:225 Resp: 774

Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.3	93.8
227	63.0	31.9	95.5





#95
Naphthalene
Concen: 0.853 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion:128 Resp: 1611

Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.4	15.6
129	11.9	8.7	13.1