Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121318\
Data File : VX006490.D
Acq On : 13 Dec 2018 12:33
Operator : JC/MD
Sample : J6377-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : P001-RB-181211

Quant Time: Dec 14 00:15:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	282963	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	652277	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	641530	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	320173	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	265569	91.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 183.88%				
35) Dibromofluoromethane	5.51	113	263454	62.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 124.76%				
50) Toluene-d8	8.71	98	973985	63.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 126.80%				
62) 4-Bromofluorobenzene	11.13	95	352262	60.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 121.70%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	579	0.203	ug/l	#	1
5) Bromomethane	1.65	94	1010	0.476	ug/l	#	76
6) Chloroethane	1.72	64	1024	0.545	ug/l	#	58
7) Trichlorofluoromethane	1.94	101	1089	0.232	ug/l	#	63
8) Diethyl Ether	2.26	74	573	0.322	ug/l		80
9) 1,1,2-Trichlorotrifluoroet	2.39	101	644	0.241	ug/l	#	60
10) Methyl Iodide	2.51	142	1776	0.441	ug/l	#	48
11) Tert butyl alcohol	3.06	59	20879	26.430	ug/l		96
13) Acrolein	2.29	56	123	0.285	ug/l	#	1
15) Acrylonitrile	3.15	53	829	0.503	ug/l	#	88
16) Acetone	2.45	43	9672	7.135	ug/l		98
17) Carbon Disulfide	2.57	76	3152	0.400	ug/l		99
18) Methyl Acetate	2.78	43	1883	0.415	ug/l	#	68
20) Methylene Chloride	2.85	84	1990	0.690	ug/l	#	62
21) trans-1,2-Dichloroethene	3.17	96	1105	0.405	ug/l	#	50
23) Vinyl Acetate	3.82	43	3586	0.532	ug/l	#	83
25) 2-Butanone	4.85	43	149214	77.143	ug/l	#	47
29) Tetrahydrofuran	5.16	42	19355	14.398	ug/l		99
36) 1,1-Dichloropropene	5.67	75	19008	3.461	ug/l	#	50
37) Ethyl Acetate	4.85	43	149214	24.257	ug/l		96
38) Carbon Tetrachloride	5.67	117	26606	4.117	ug/l	#	15
42) 1,2-Dichloroethane	6.21	62	2100	0.390	ug/l		84
49) 1,4-Dioxane	7.76	88	242	1.968	ug/l	#	59
76) 1,2,3-Trichloropropane	11.13	75	163965	26.532	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.13	75	163965	62.264	ug/l	#	15

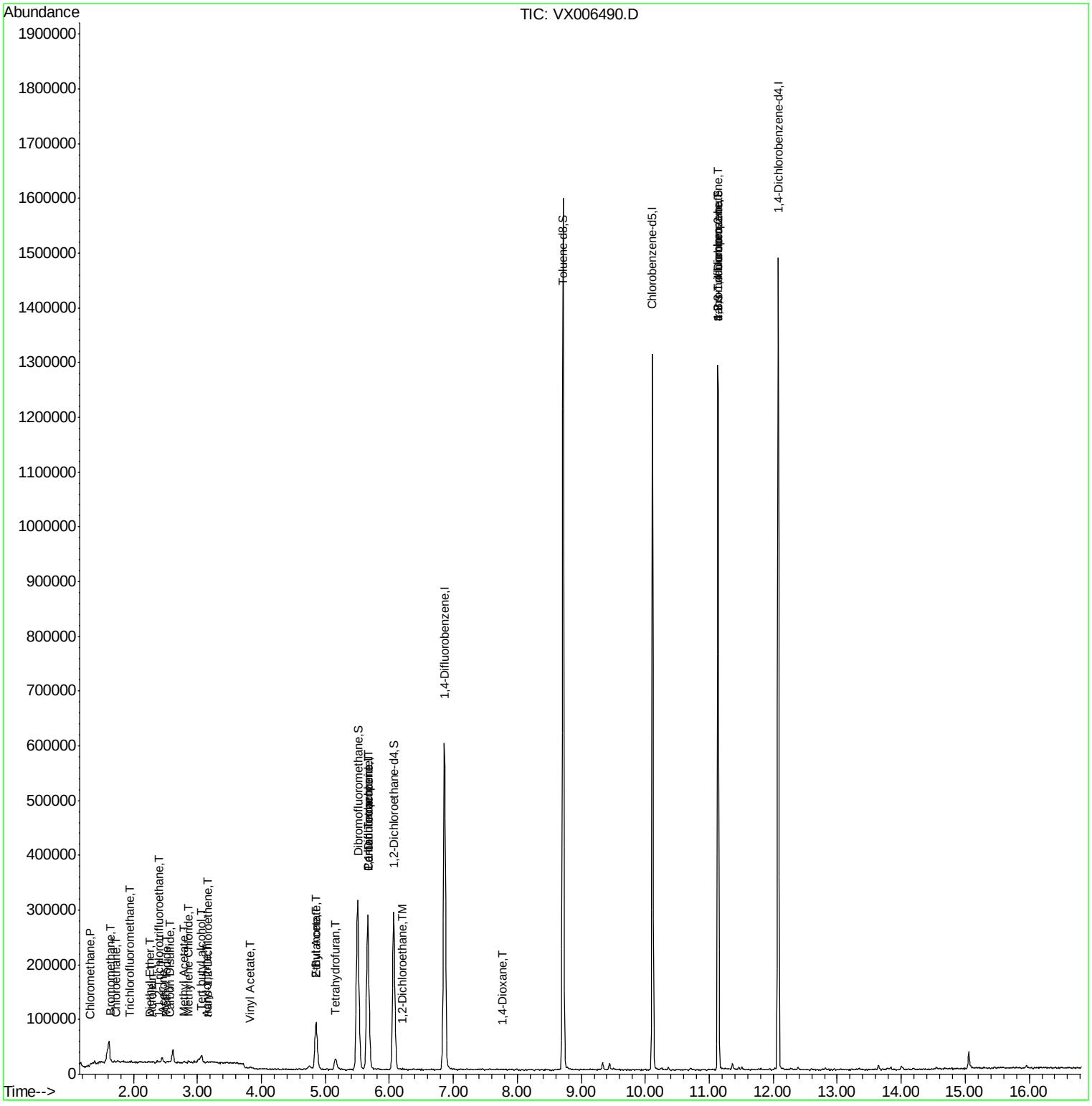
(#) = qualifier out of range (m) = manual integration (+) = signals summed

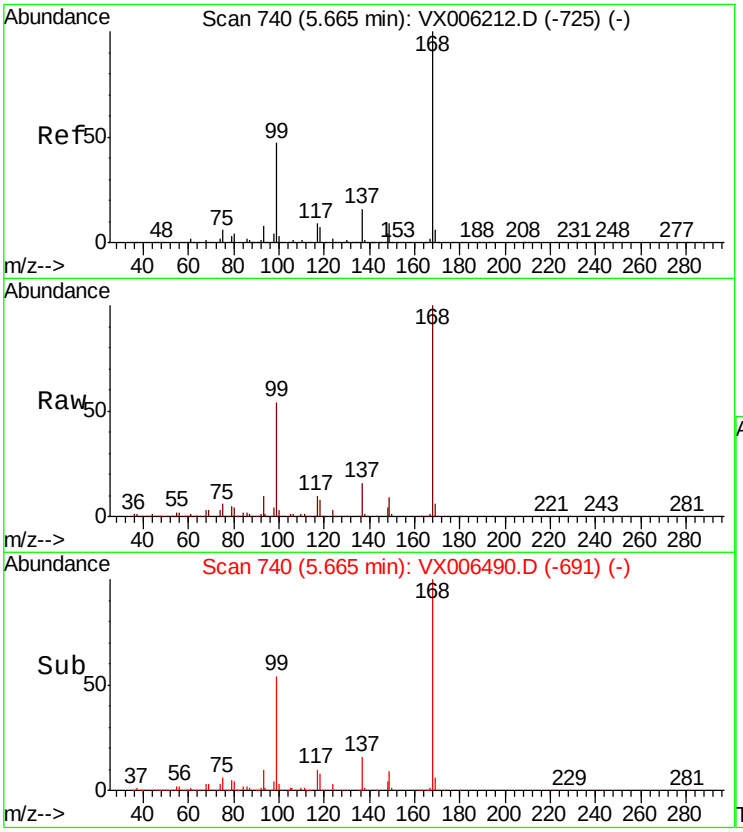
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121318\
Data File : VX006490.D
Acq On : 13 Dec 2018 12:33
Operator : JC/MD
Sample : J6377-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Quant Time: Dec 14 00:15:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration



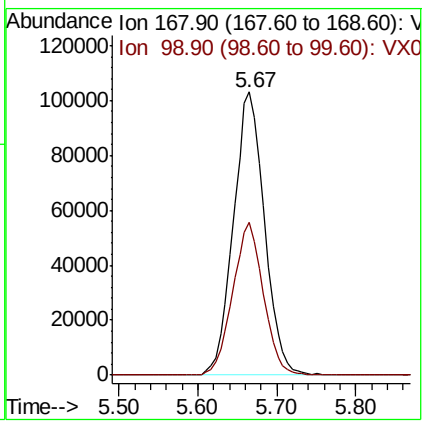


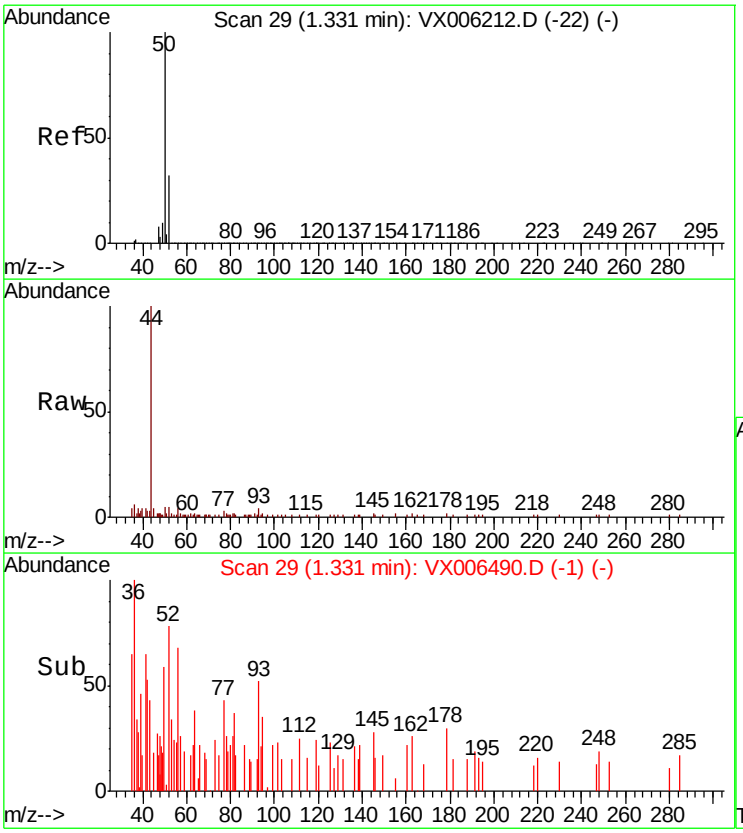
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Tgt Ion:168 Resp: 282963

Ion	Ratio	Lower	Upper
168	100		
99	54.0	37.8	56.8

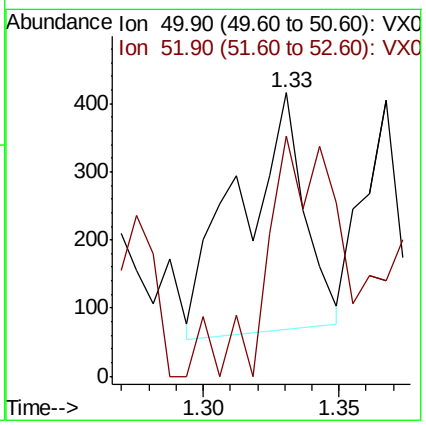


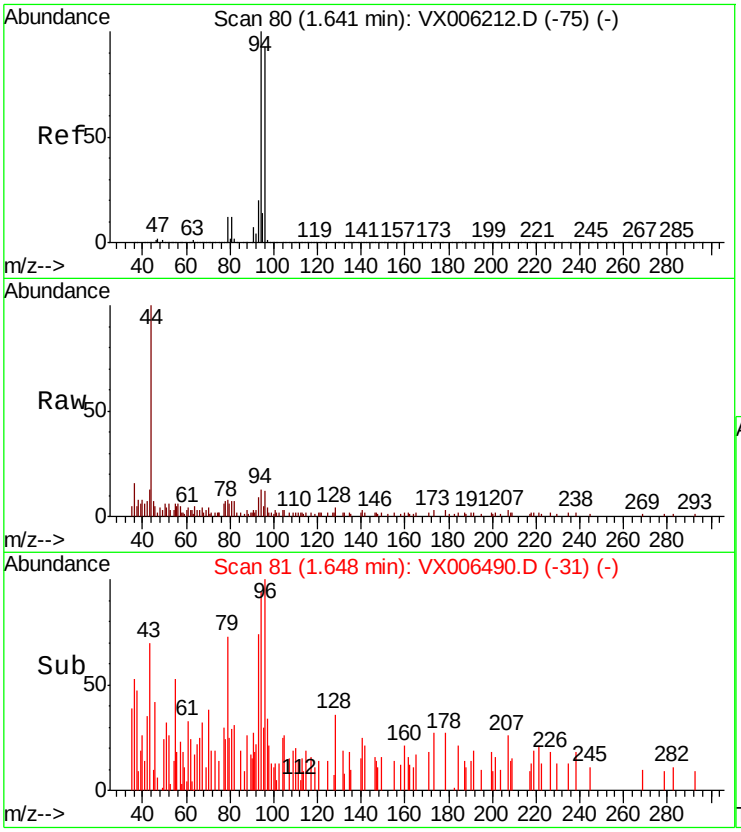


#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 50 Resp: 579

Ion	Ratio	Lower	Upper
50	100		
52	103.8	25.2	37.8#



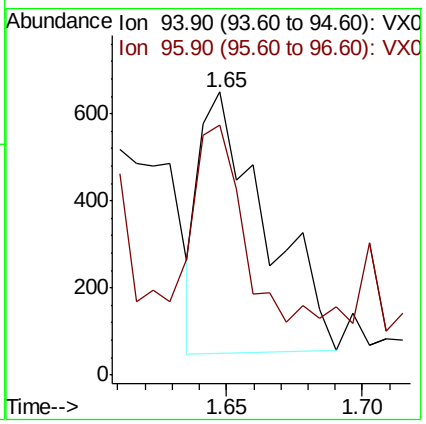


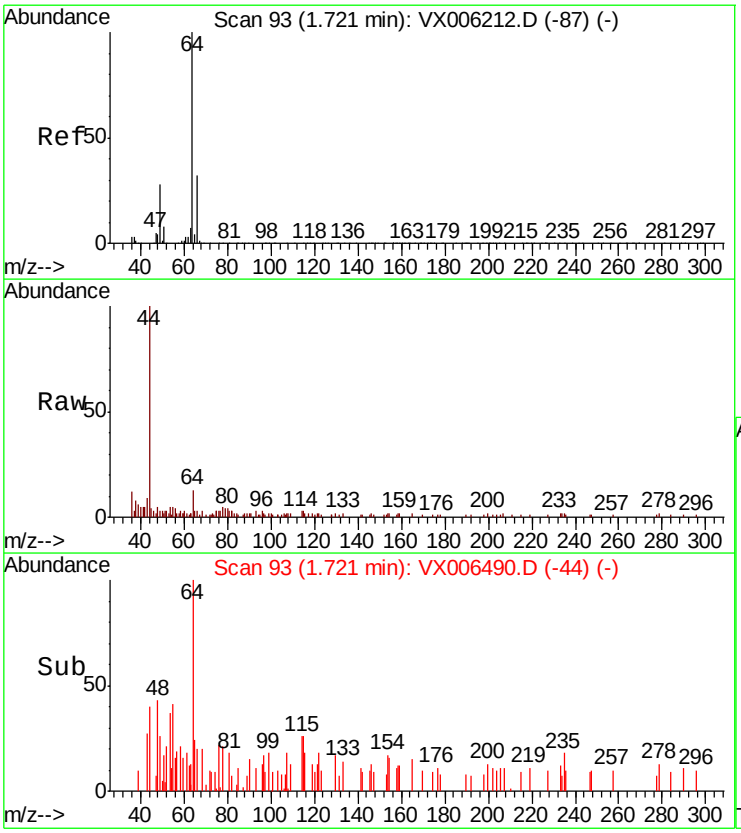
#5
Bromomethane
Concen: 0.476 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument : MSVOA_X
ClientSampleId : P001-RB-181211

Tgt Ion: 94 Resp: 1010

Ion	Ratio	Lower	Upper
94	100		
96	70.3	74.5	111.7#

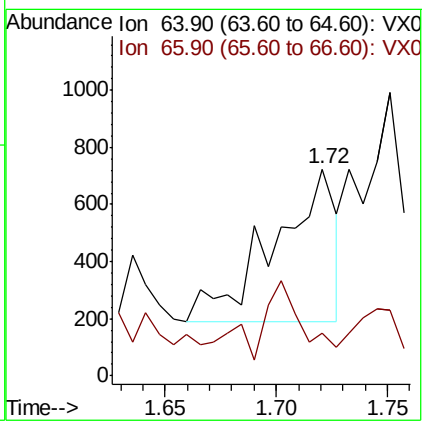


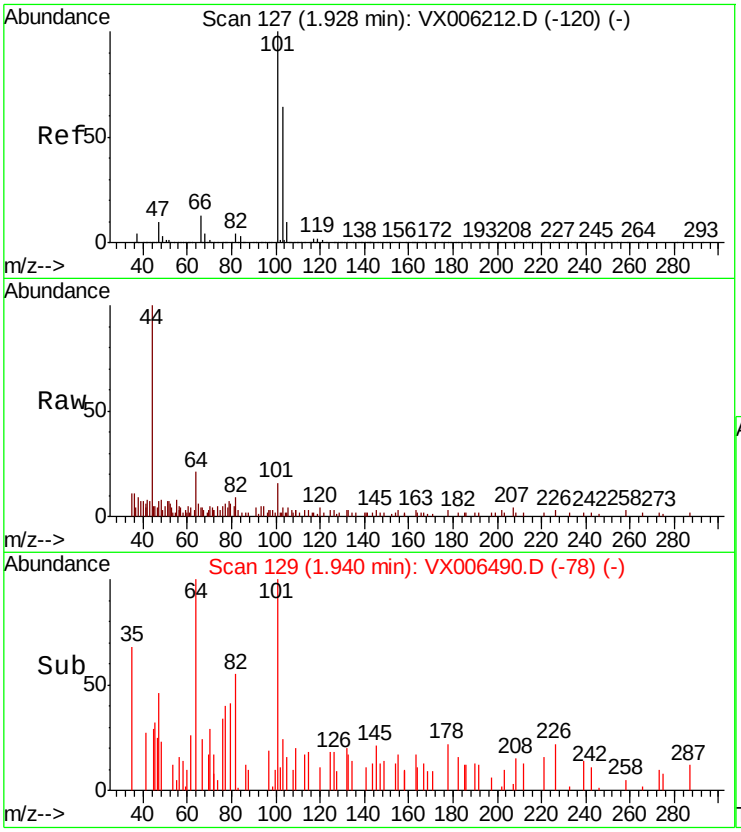


#6
Chloroethane
Concen: 0.545 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 64 Resp: 1024

Ion	Ratio	Lower	Upper
64	100		
66	9.0	25.9	38.9#



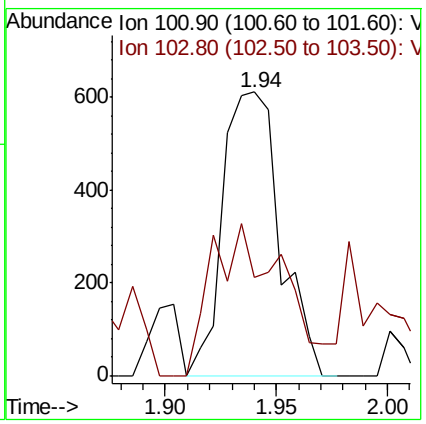


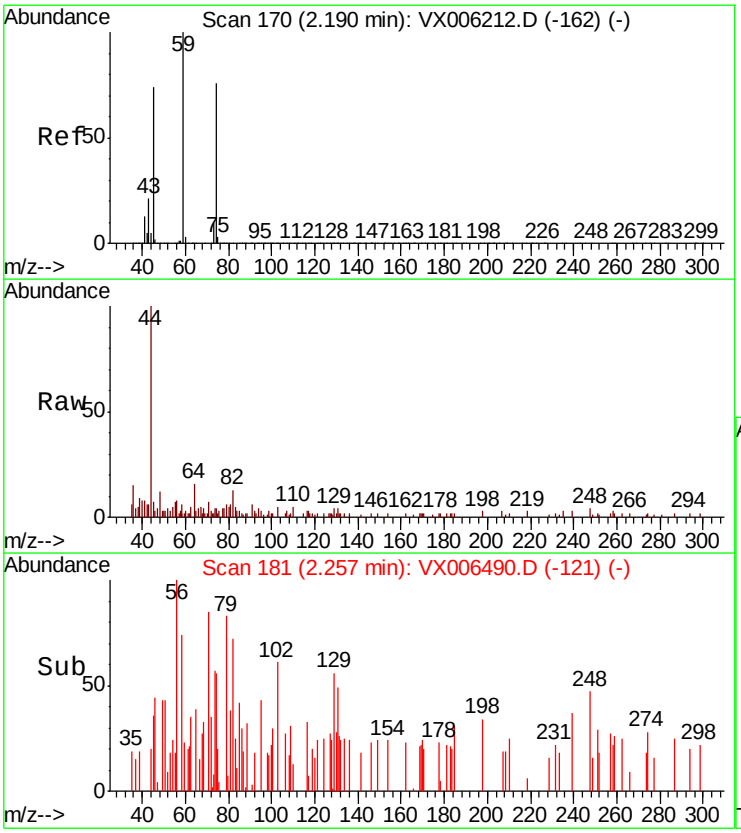
#7
Trichlorofluoromethane
Concen: 0.232 ug/l
RT: 1.94 min Scan# 129
Delta R.T. 0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Tgt Ion:101 Resp: 1089

Ion	Ratio	Lower	Upper
101	100		
103	34.7	51.0	76.4#

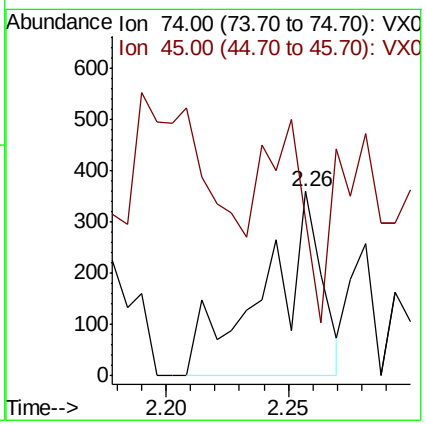


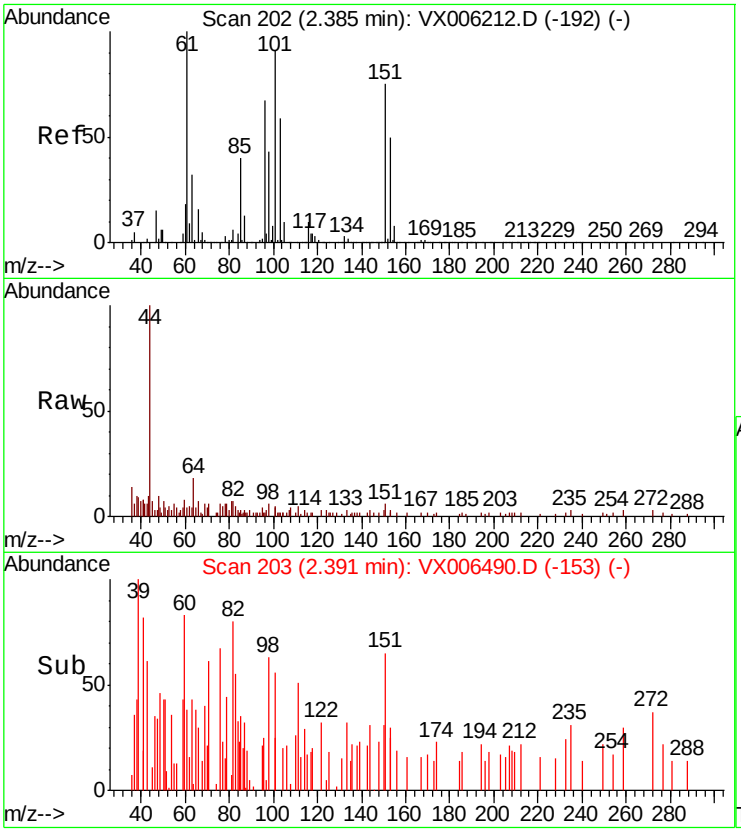


#8
Diethyl Ether
Concen: 0.322 ug/l
RT: 2.26 min Scan# 181
Delta R.T. 0.07 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 74 Resp: 573

Ion	Ratio	Lower	Upper
74	100		
45	79.4	49.5	148.7



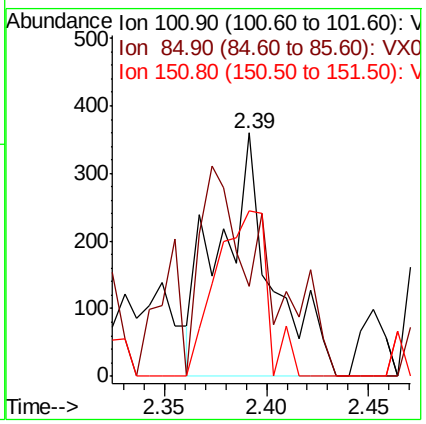


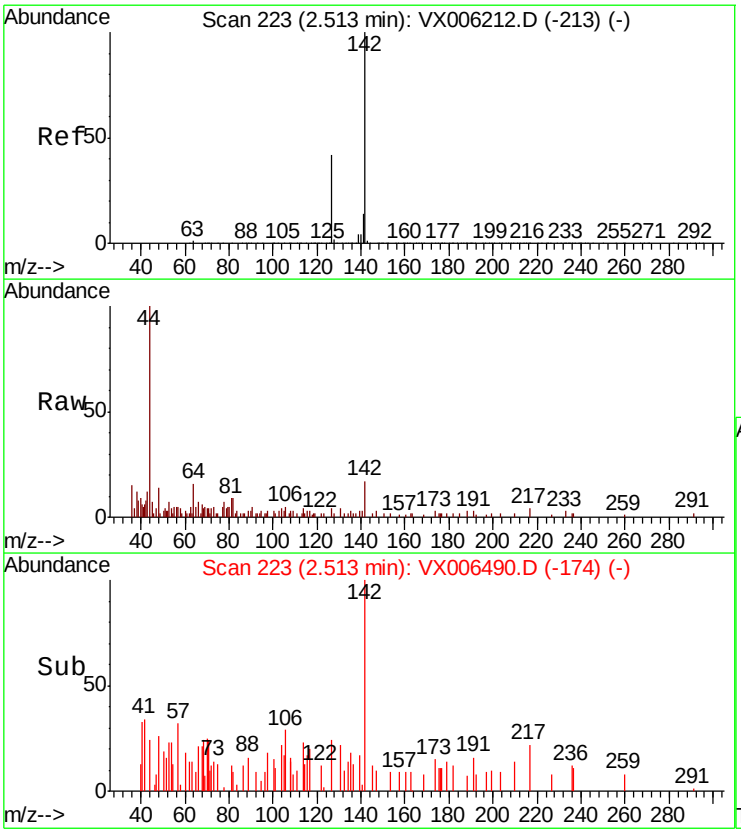
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.241 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument : MSVOA_X
ClientSampleId : P001-RB-181211

Tgt Ion:101 Resp: 644

Ion	Ratio	Lower	Upper
101	100		
85	93.5	35.5	53.3#
151	66.5	68.6	103.0#

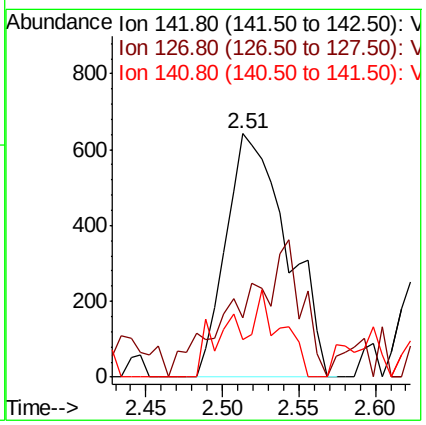


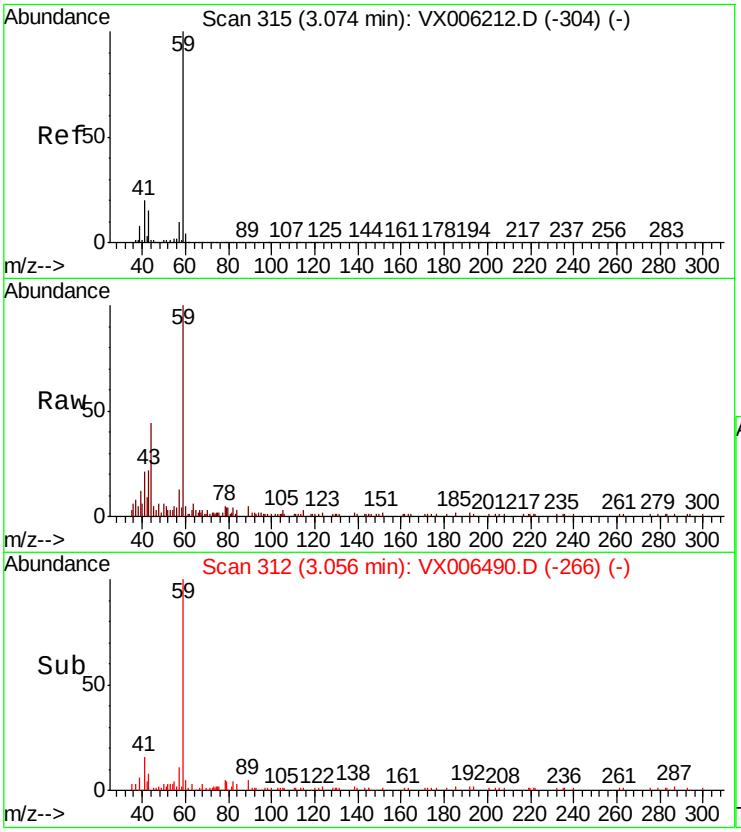


#10
Methyl Iodide
Concen: 0.441 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion:142 Resp: 1776

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.8	52.2#
141	12.7	11.4	17.2



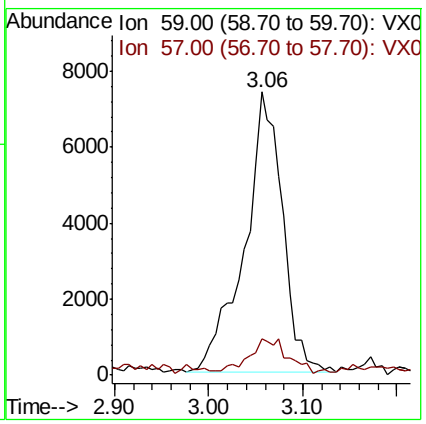


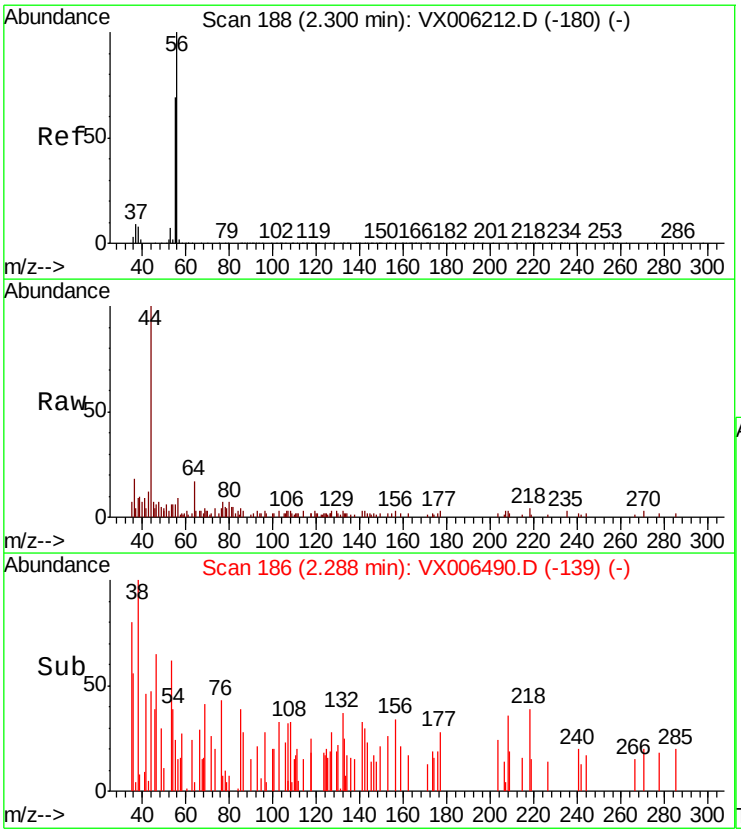
#11
Tert butyl alcohol
Concen: 26.430 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument : MSVOA_X
ClientSampleId : P001-RB-181211

Tgt Ion: 59 Resp: 20879

Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.2	12.2

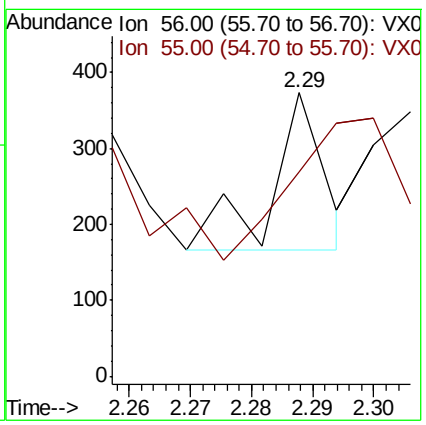


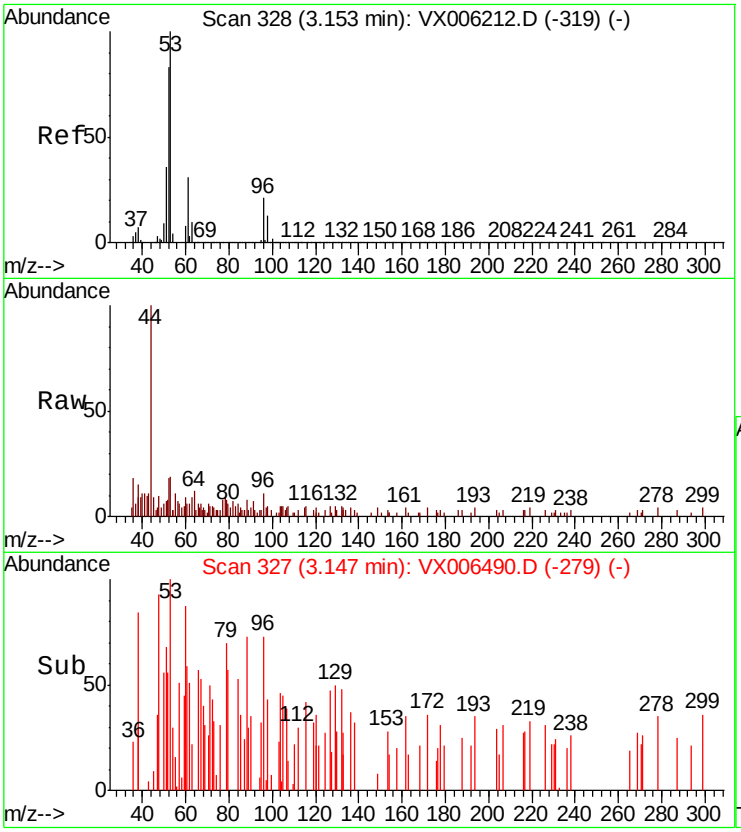


#13
Acrolein
Concen: 0.285 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 56 Resp: 123

Ion	Ratio	Lower	Upper
56	100		
55	348.8	57.8	86.6#



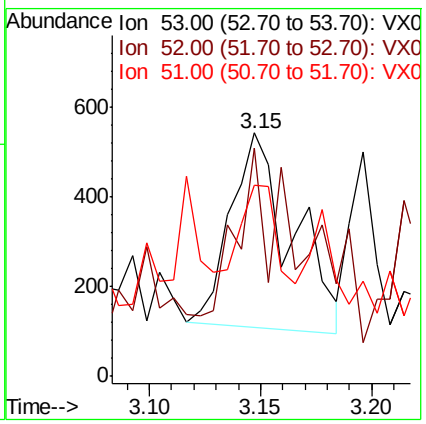


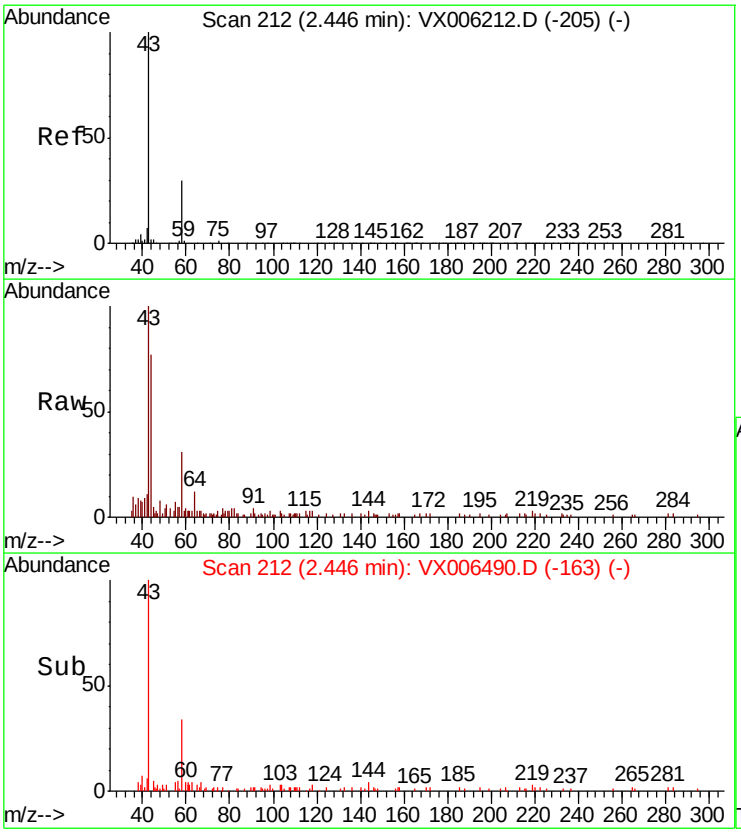
#15
Acrylonitrile
Concen: 0.503 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument : MSVOA_X
ClientSampleId : P001-RB-181211

Tgt Ion: 53 Resp: 829

Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.2	99.4
51	56.7	28.7	43.1#

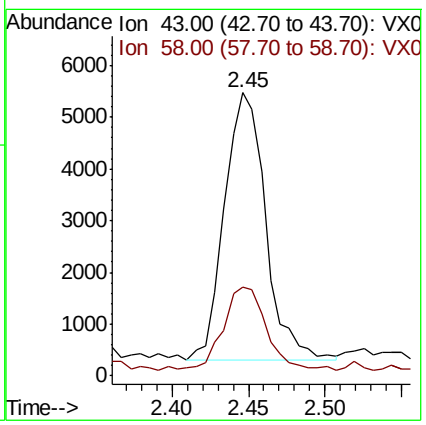


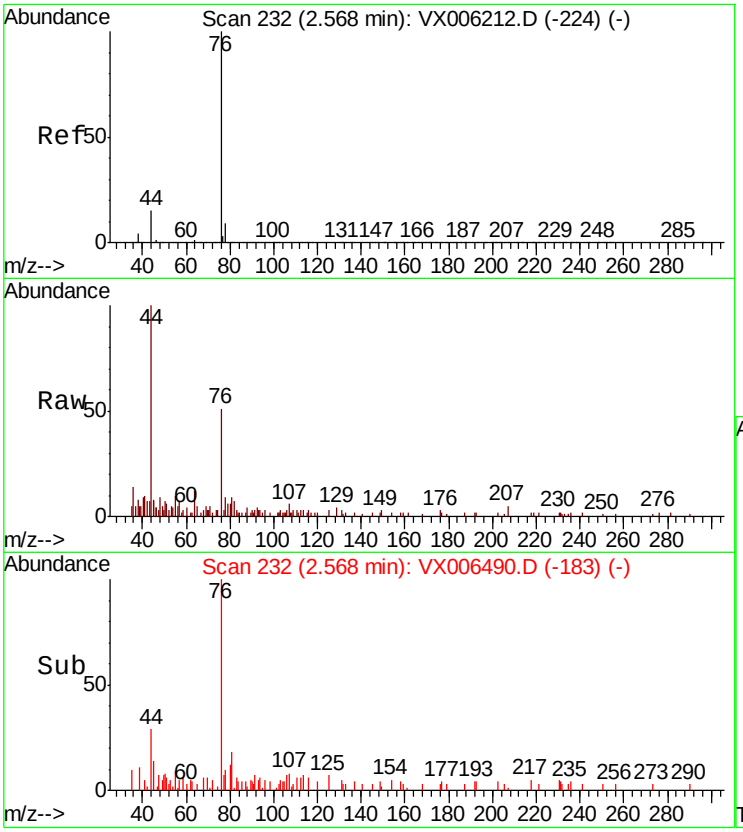


#16
Acetone
Concen: 7.135 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 43 Resp: 9672

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.0	36.0



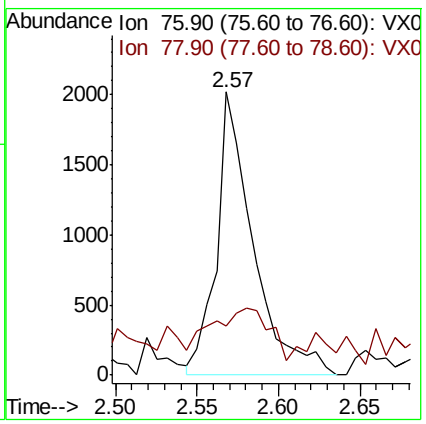


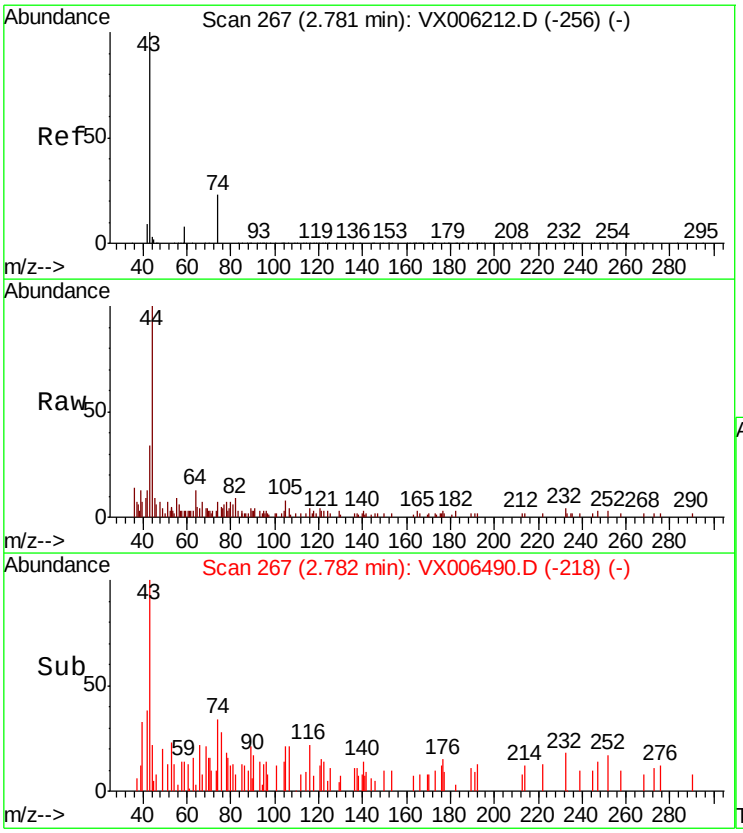
#17
Carbon Disulfide
Concen: 0.400 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Tgt Ion: 76 Resp: 3152

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

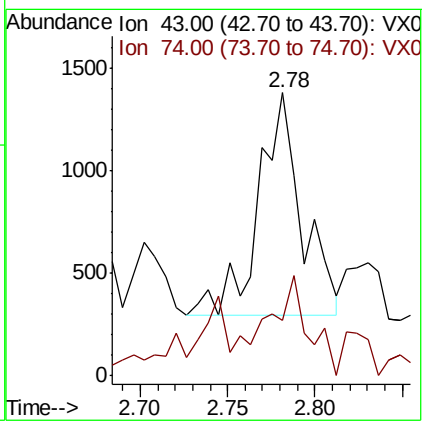


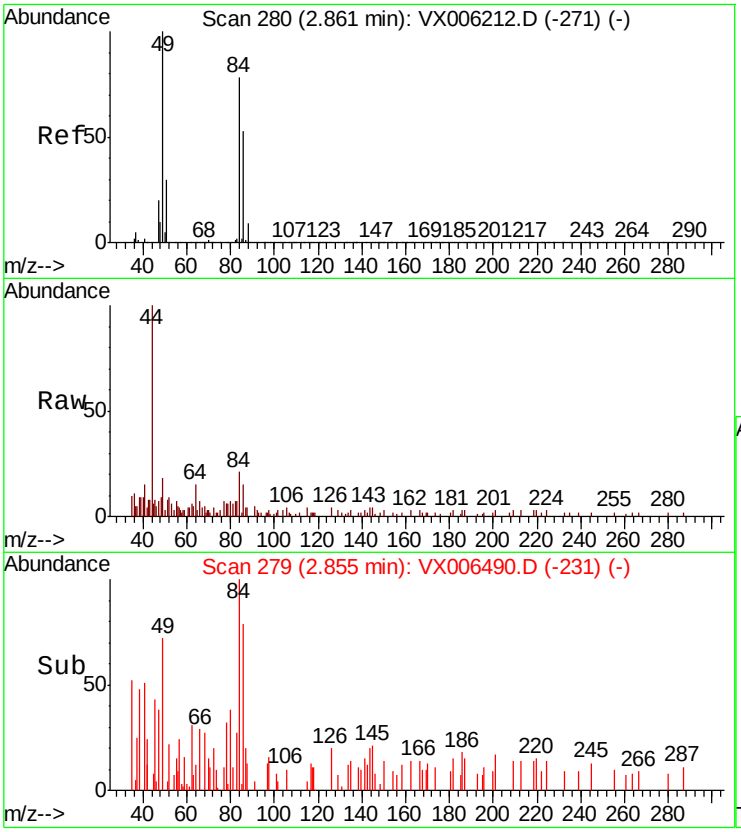


#18
Methyl Acetate
Concen: 0.415 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 43 Resp: 1883

Ion	Ratio	Lower	Upper
43	100		
74	37.6	17.9	26.9#



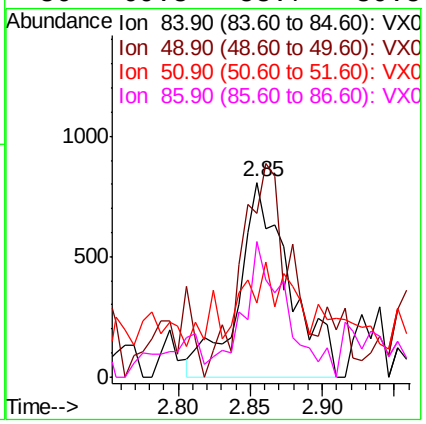


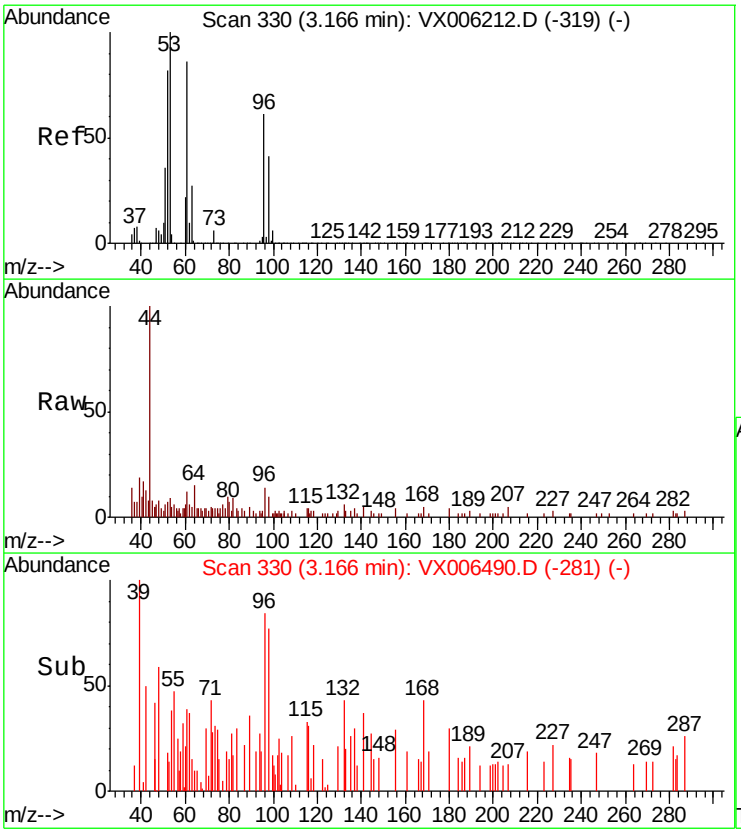
#20
Methylene Chloride
Concen: 0.690 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument : MSVOA_X
ClientSampleId : P001-RB-181211

Tgt Ion: 84 Resp: 1990

Ion	Ratio	Lower	Upper
84	100		
49	59.5	102.2	153.4#
51	22.7	31.1	46.7#
86	69.8	53.7	80.5

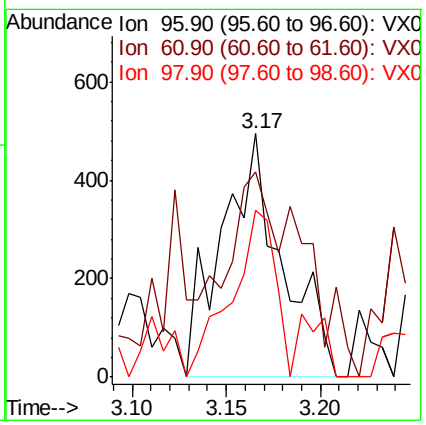


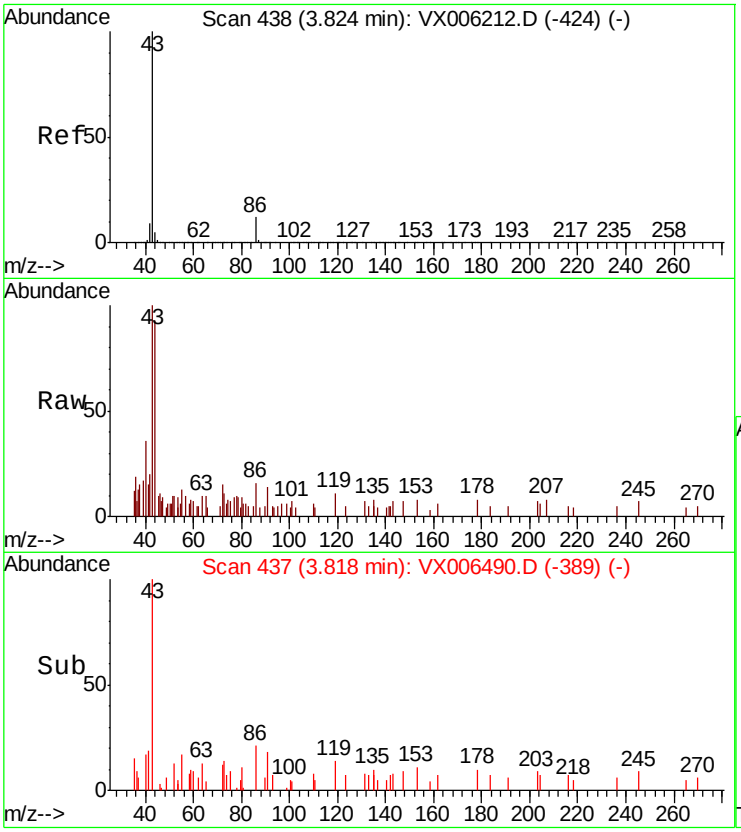


#21
trans-1,2-Dichloroethene
Concen: 0.405 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 96 Resp: 1105

Ion	Ratio	Lower	Upper
96	100		
61	52.3	113.3	169.9#
98	68.5	53.2	79.8



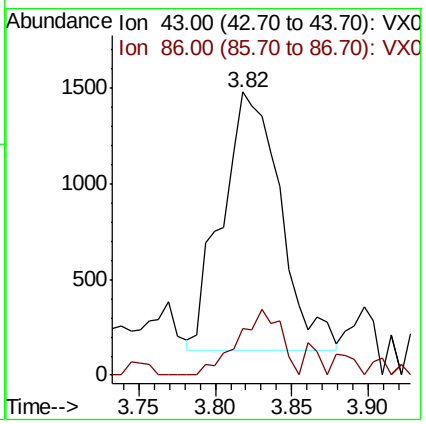


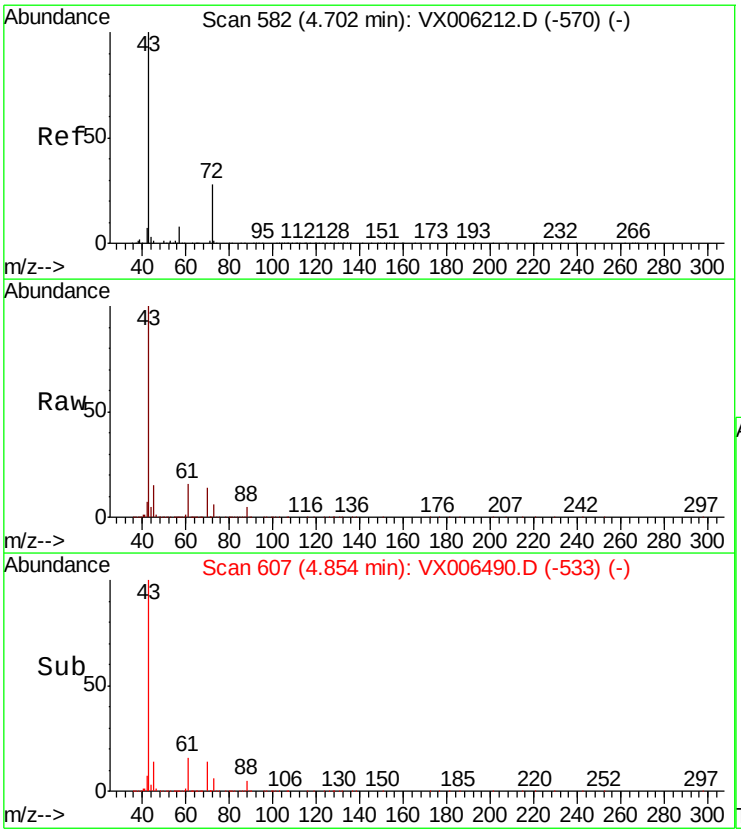
#23
Vinyl Acetate
Concen: 0.532 ug/l
RT: 3.82 min Scan# 437
Delta R.T. -0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument : MSVOA_X
ClientSampleId : P001-RB-181211

Tgt Ion: 43 Resp: 3586

Ion	Ratio	Lower	Upper
43	100		
86	18.4	9.4	14.0#

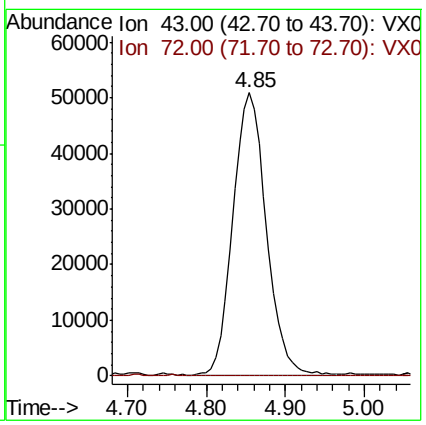


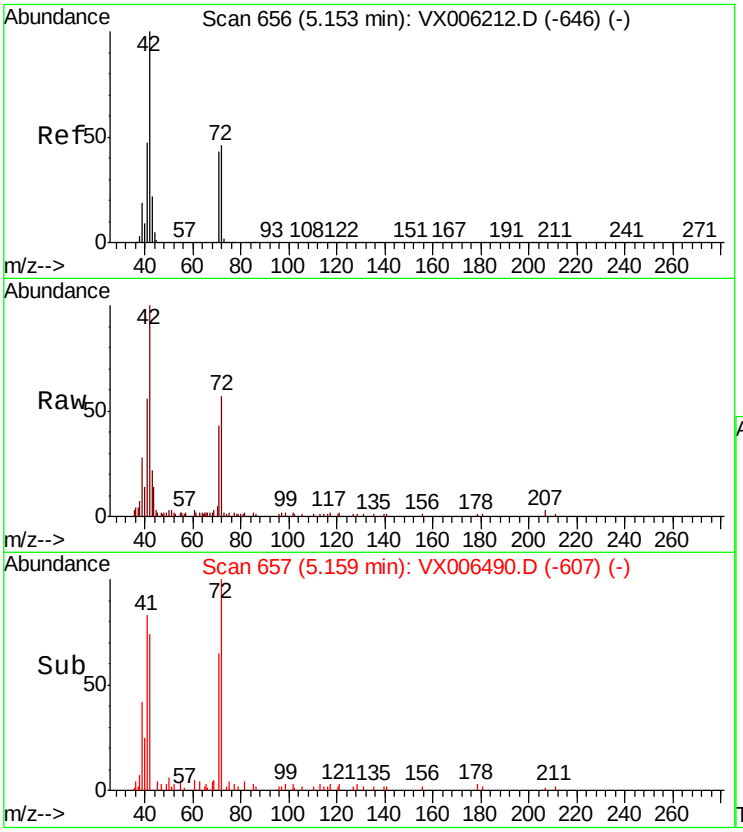


#25
2-Butanone
Concen: 77.143 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.15 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 43 Resp: 149214

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	33.8#



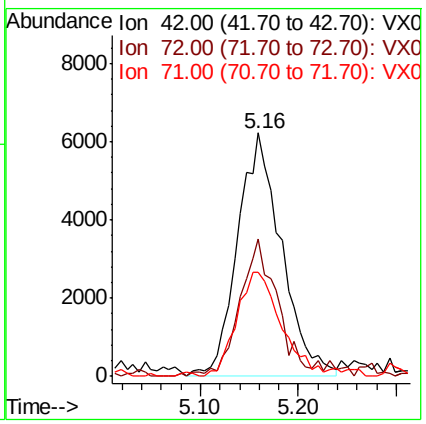


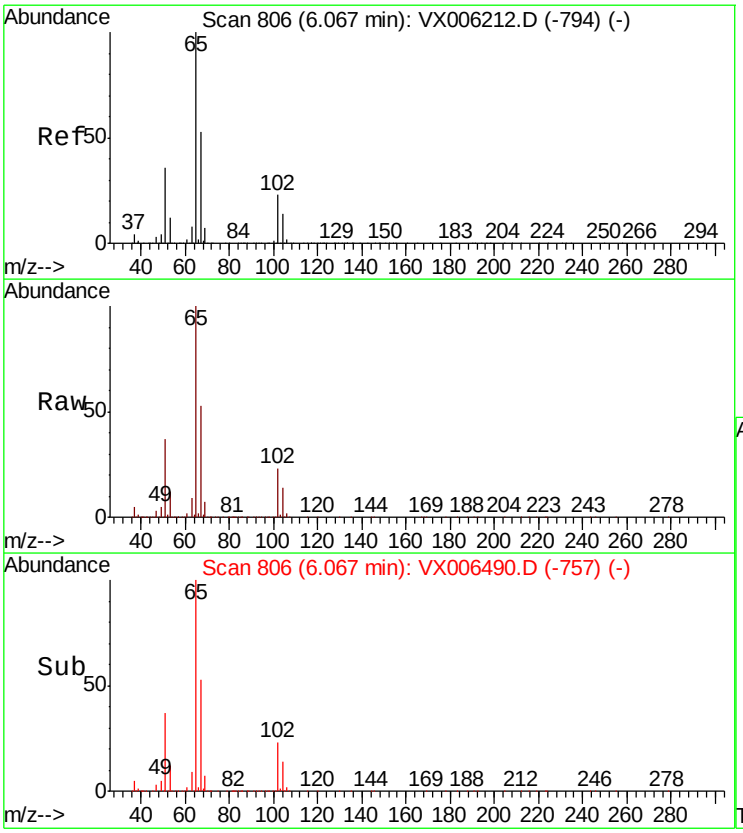
#29
Tetrahydrofuran
Concen: 14.398 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Tgt Ion: 42 Resp: 19355

Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.8	56.8
71	43.1	35.2	52.8

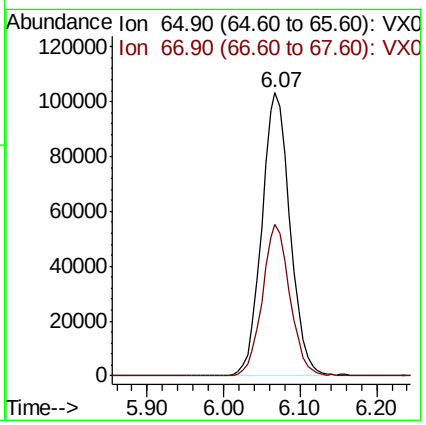


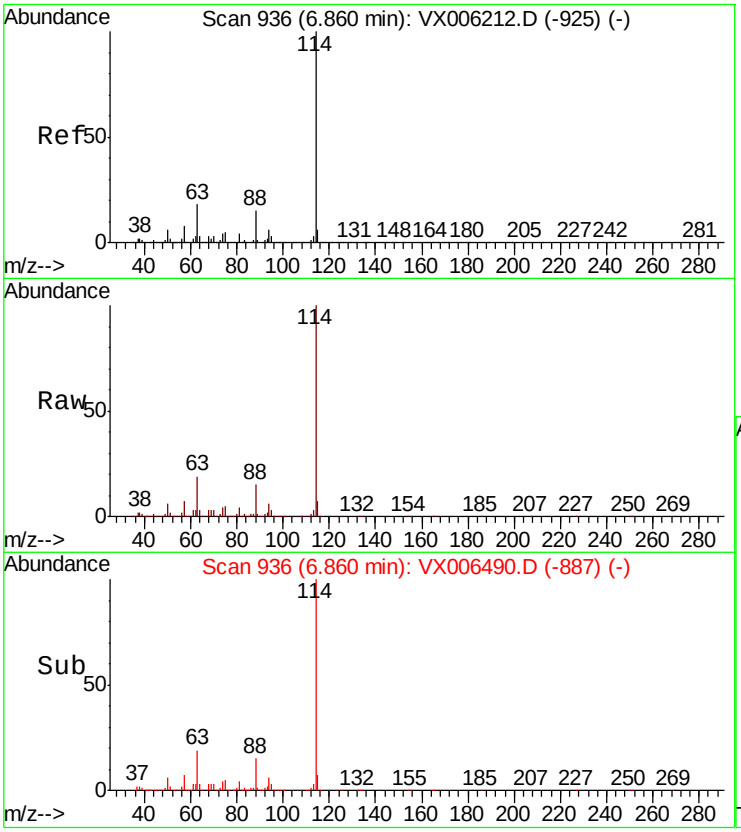


#33
1,2-Dichloroethane-d4
Concen: 91.937 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 65 Resp: 265569

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.2



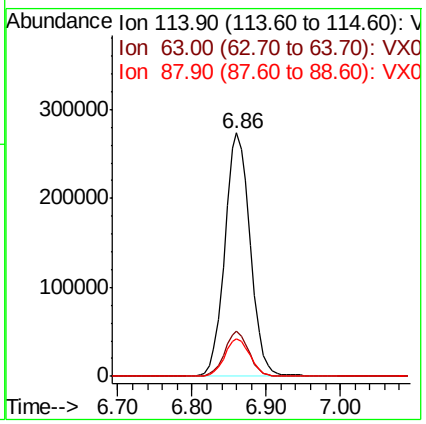


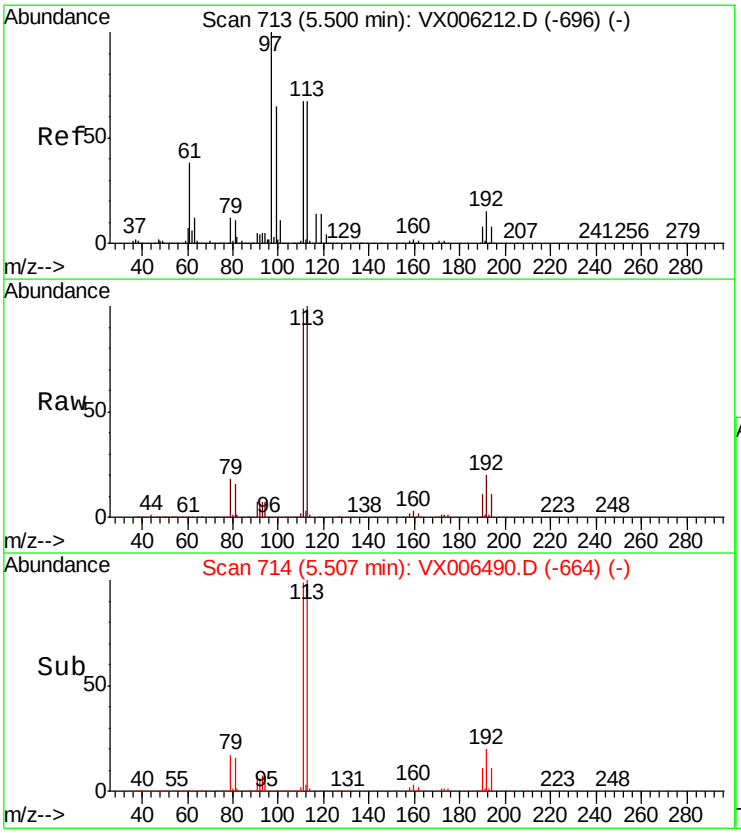
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Tgt Ion:114 Resp: 652277

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.6
88	15.3	0.0	29.0

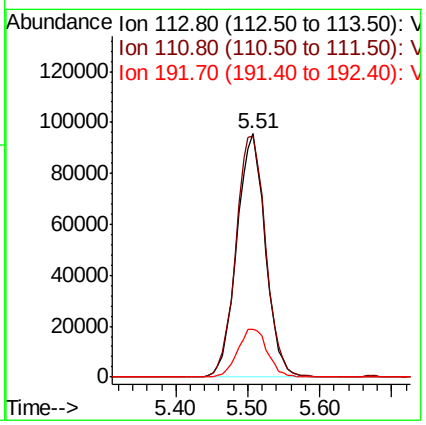


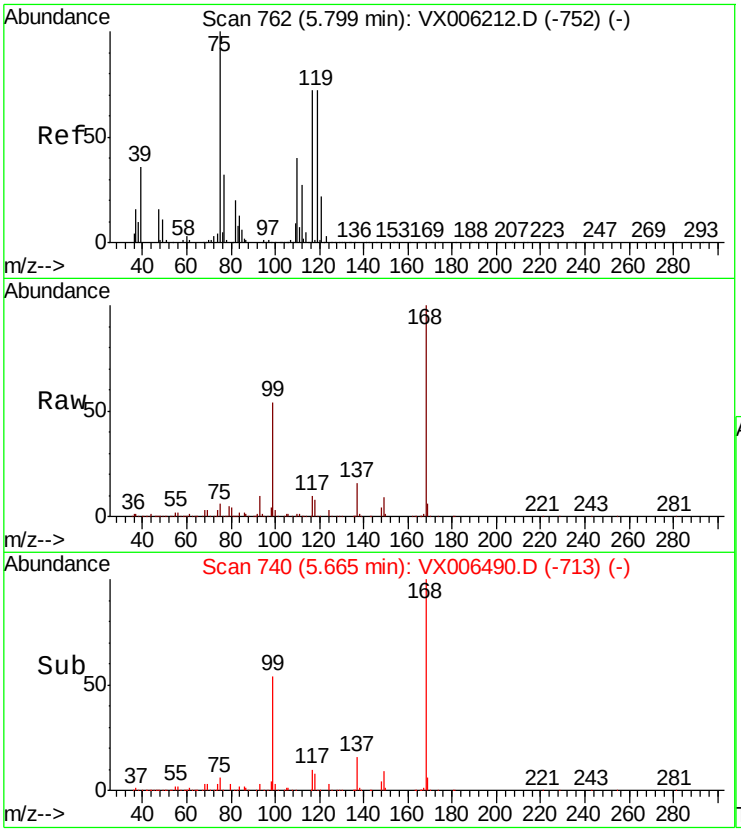


#35
Dibromofluoromethane
Concen: 62.382 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion:113 Resp: 263454

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.1	121.7
192	20.6	18.2	27.2



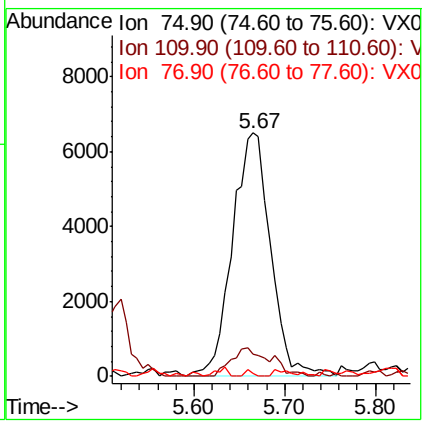


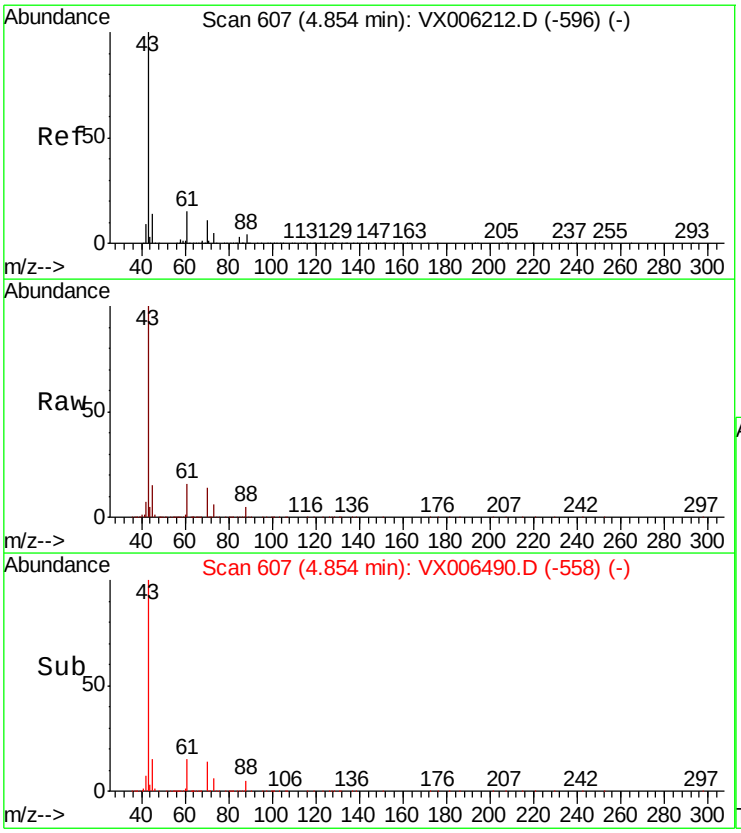
#36
1,1-Dichloropropene
Concen: 3.461 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument : MSVOA_X
ClientSampleId : P001-RB-181211

Tgt Ion: 75 Resp: 19008

Ion	Ratio	Lower	Upper
75	100		
110	12.1	20.4	61.3#
77	0.5	24.9	37.3#

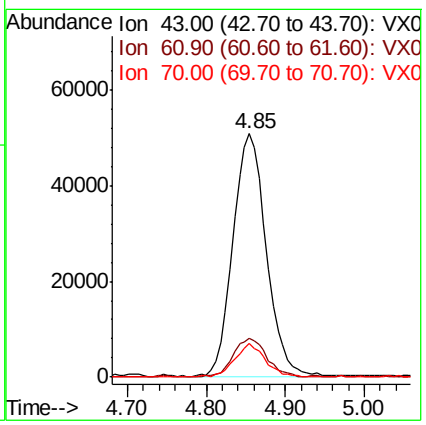


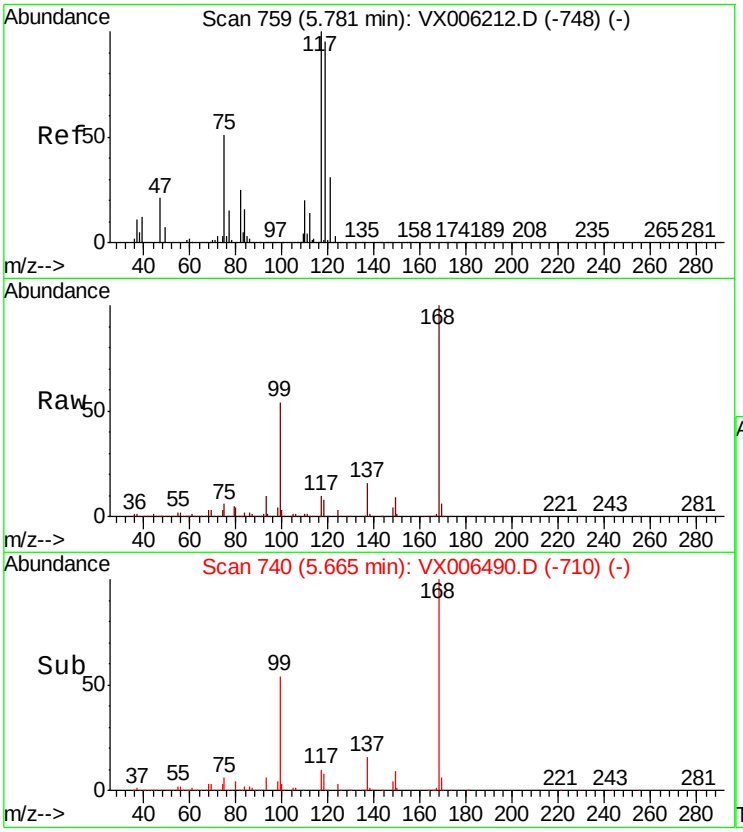


#37
Ethyl Acetate
Concen: 24.257 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 43 Resp: 149214

Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.5	17.3
70	12.8	9.0	13.6



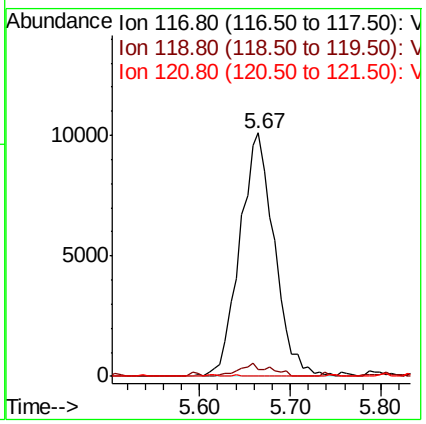


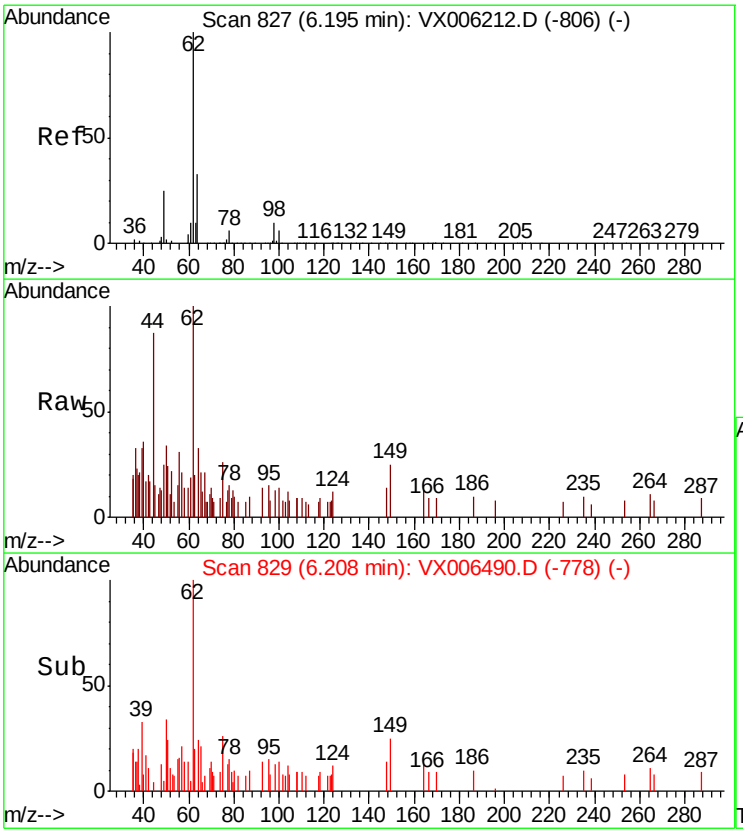
#38
Carbon Tetrachloride
Concen: 4.117 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument : MSVOA_X
ClientSampleId : P001-RB-181211

Tgt Ion:117 Resp: 26606

Ion	Ratio	Lower	Upper
117	100		
119	3.0	75.8	113.8#
121	0.0	24.6	37.0#

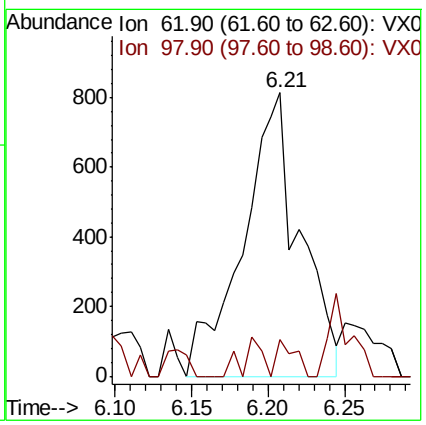


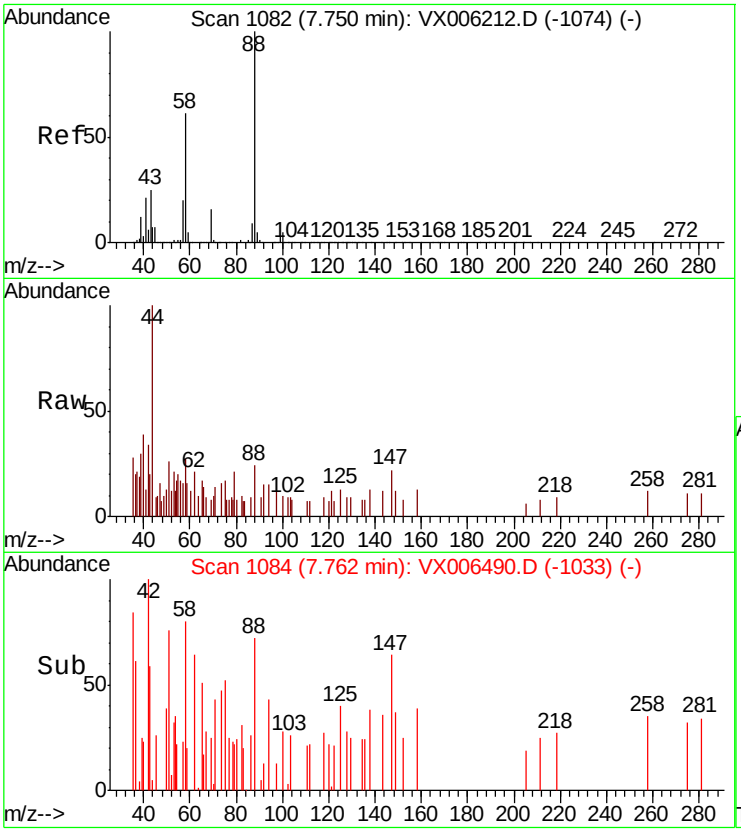


#42
1,2-Dichloroethane
Concen: 0.390 ug/l
RT: 6.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 62 Resp: 2100

Ion	Ratio	Lower	Upper
62	100		
98	4.2	0.0	20.2



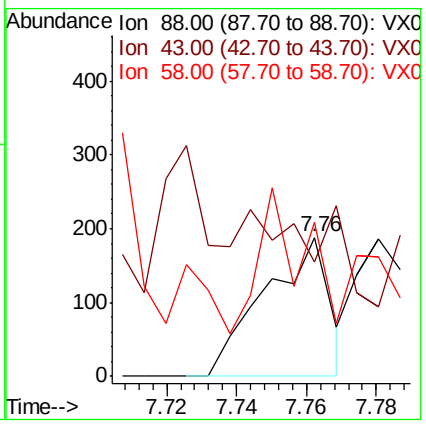


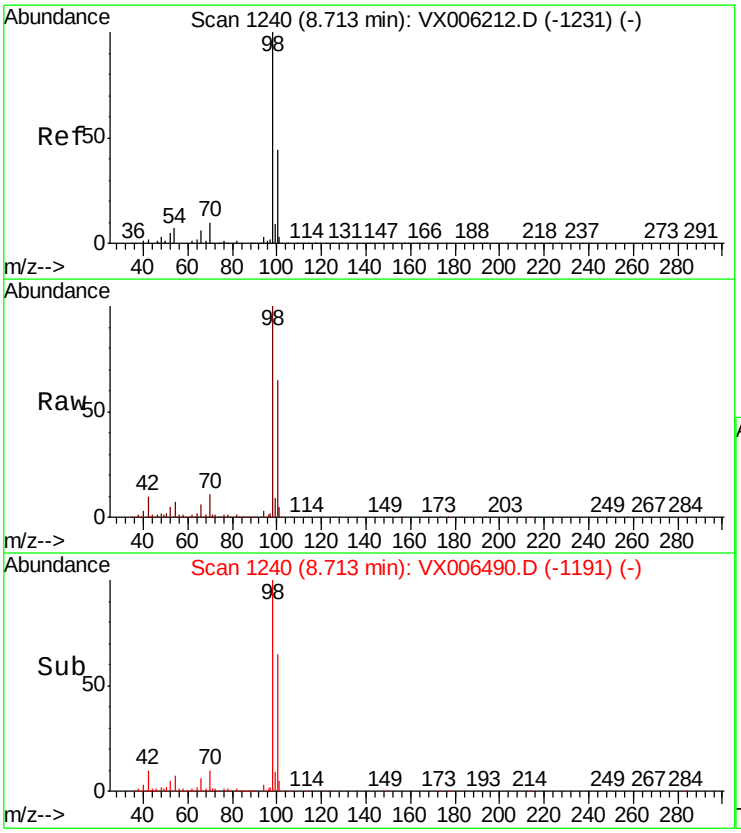
#49
1,4-Dioxane
Concen: 1.968 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Tgt Ion: 88 Resp: 242

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	91.7	51.4	77.0#

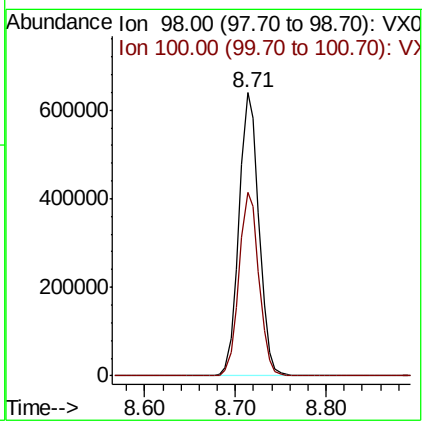


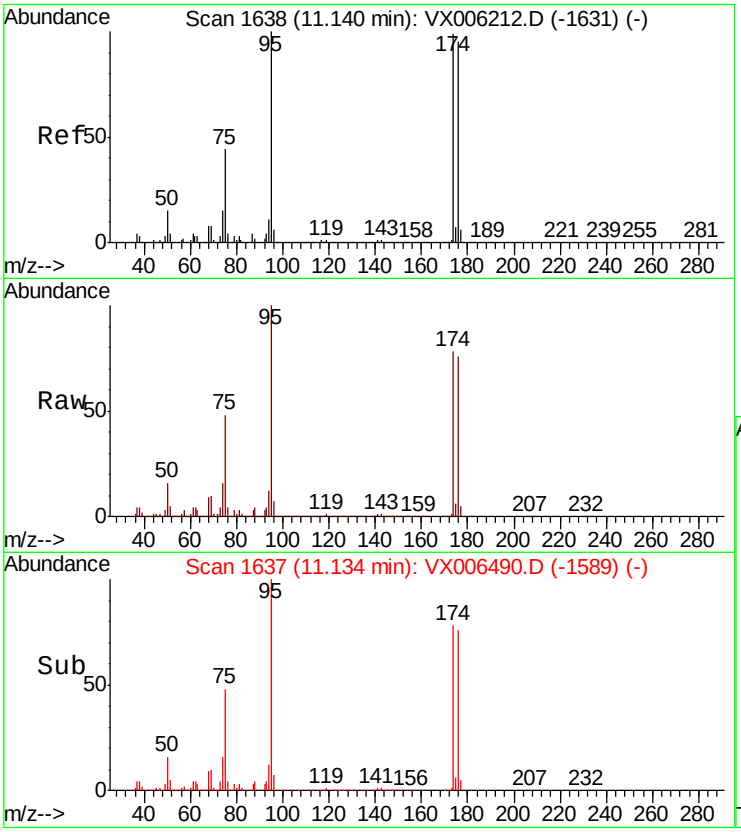


#50
Toluene-d8
Concen: 63.403 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 98 Resp: 973985

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2



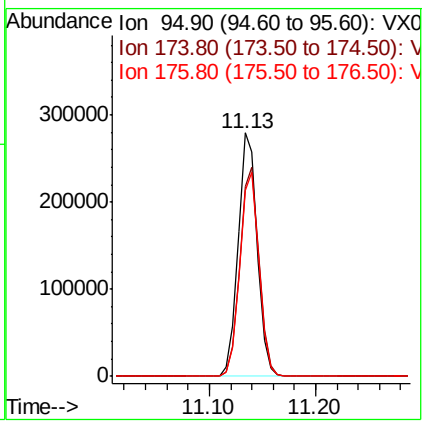


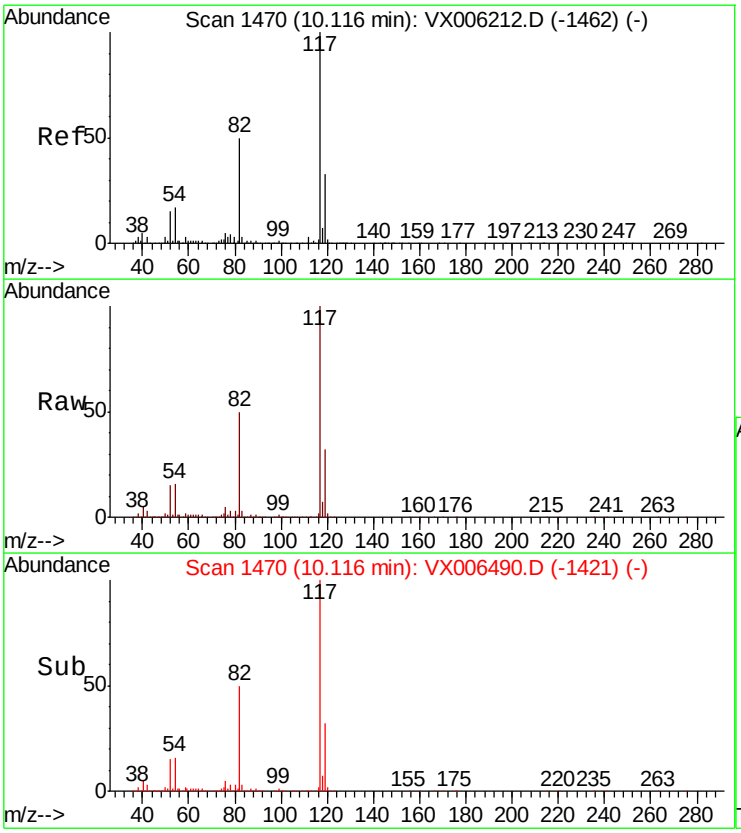
#62
4-Bromofluorobenzene
Concen: 60.853 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Tgt Ion: 95 Resp: 352262

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	187.0
176	84.2	0.0	181.8

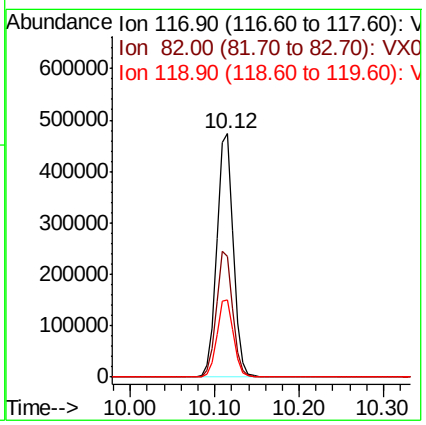


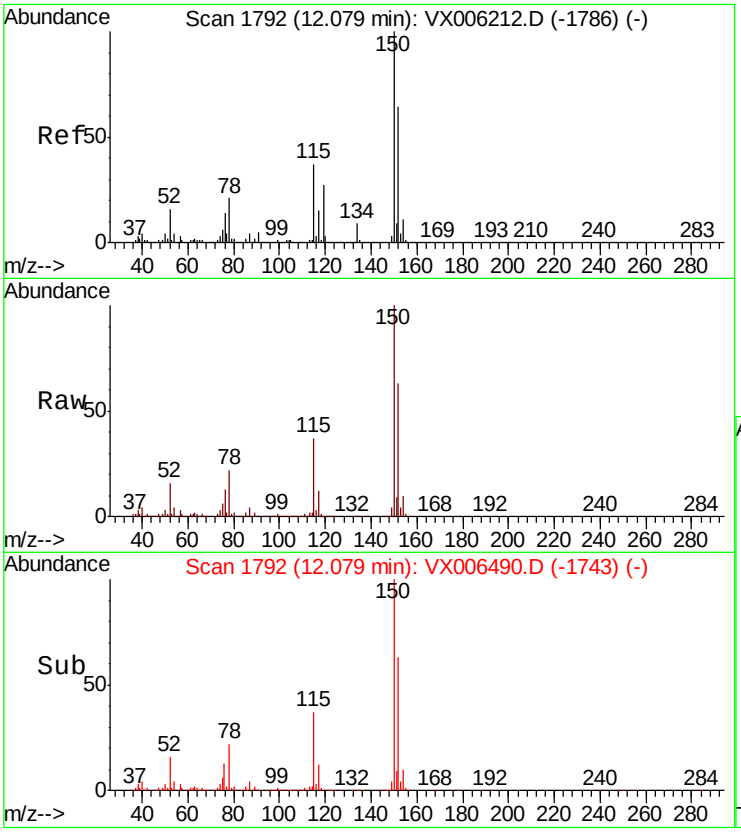


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion:117 Resp: 641530

Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.6	59.4
119	31.9	26.3	39.5



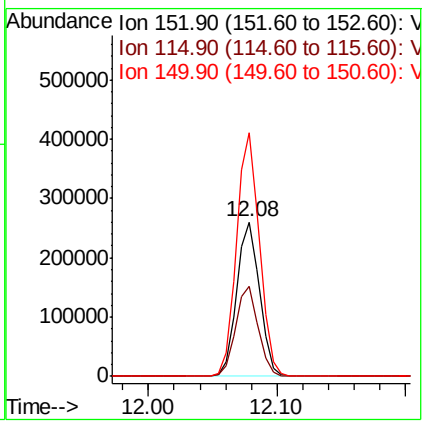


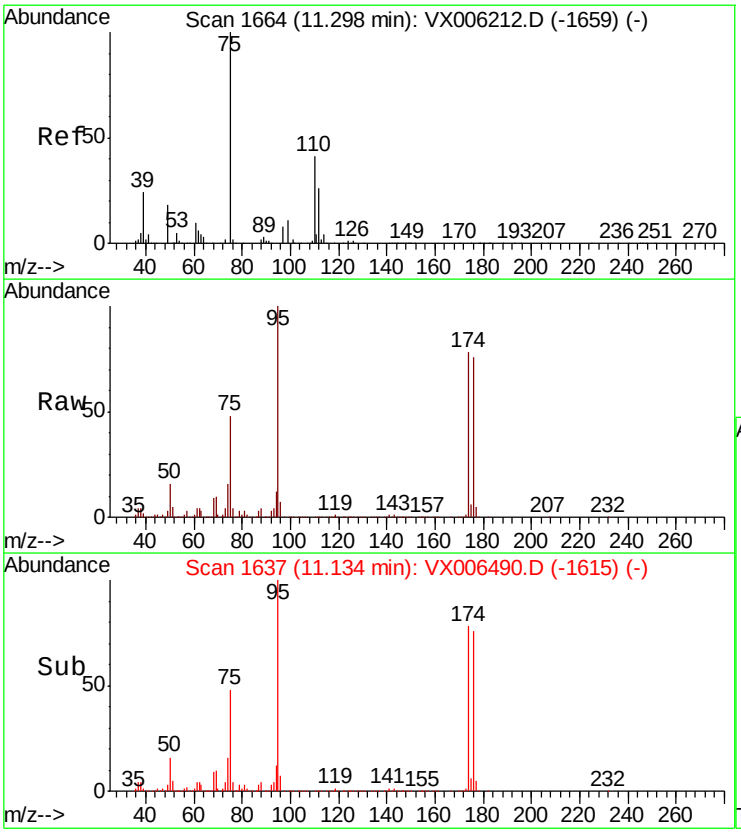
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument : MSVOA_X
ClientSampleId : P001-RB-181211

Tgt Ion:152 Resp: 320173

Ion	Ratio	Lower	Upper
152	100		
115	58.1	39.0	116.9
150	157.9	0.0	345.8

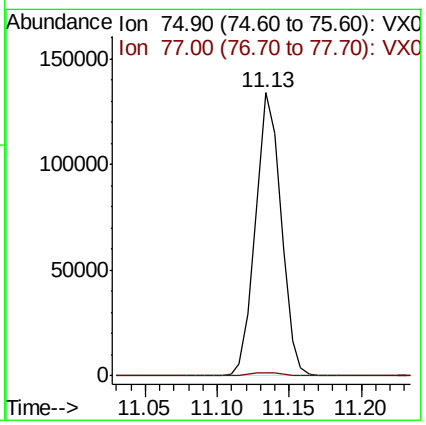


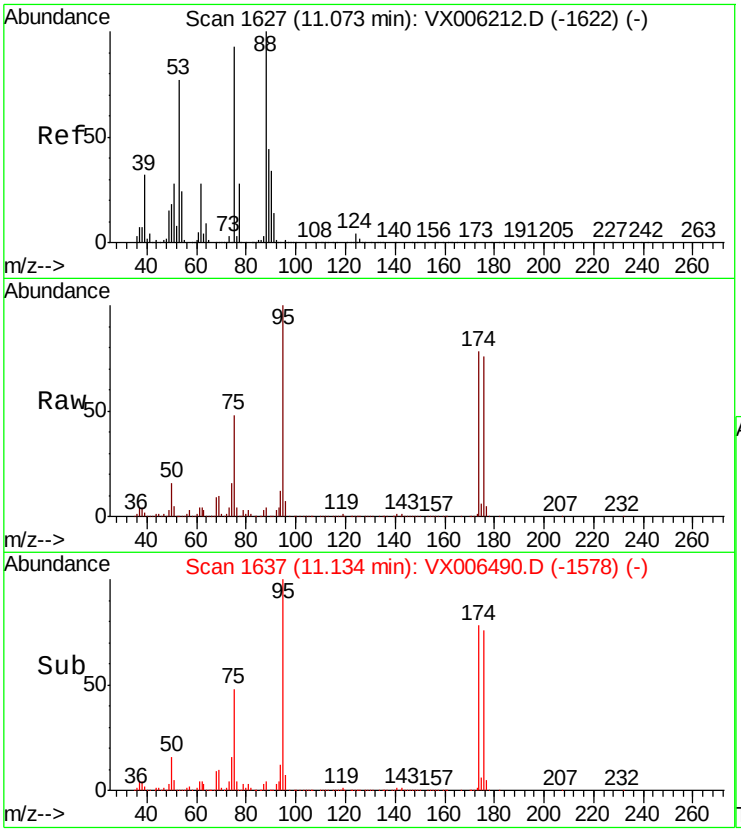


#76
1,2,3-Trichloropropane
Concen: 26.532 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion: 75 Resp: 163965

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.9	59.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.264 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Tgt Ion: 75 Resp: 163965

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.4	96.6#
89	0.1	44.2	66.4#