Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004684.D
Acq On : 19 Sep 2018 03:49
Operator : JC/MD
Sample : J4950-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RB32734RT

Quant Time: Sep 19 05:44:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	256255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155764	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.28%			
35) Dibromofluoromethane	5.51	113	145829	42.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.20%			
50) Toluene-d8	8.71	98	495381	43.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.30%			
62) 4-Bromofluorobenzene	11.14	95	176067	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.92%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	563	Below Cal		98
10) Methyl Iodide	2.52	142	246	4.322	ug/l #	61
11) Tert butyl alcohol	3.01	59	932	1.182	ug/l #	72
16) Acetone	2.44	43	46702	28.959	ug/l	100
18) Methyl Acetate	2.78	43	6397	1.414	ug/l	94
20) Methylene Chloride	2.85	84	103129	31.173	ug/l	95
25) 2-Butanone	4.70	43	9323	3.632	ug/l	99
28) Bromochloromethane	5.21	49	590	0.230	ug/l #	9
29) Tetrahydrofuran	5.17	42	1924	1.243	ug/l	90
30) Chloroform	5.21	83	7717	1.412	ug/l	93
31) Cyclohexane	5.67	56	4042	0.846	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16125	3.550	ug/l #	50
37) Ethyl Acetate	4.70	43	9323	1.805	ug/l #	67
38) Carbon Tetrachloride	5.66	117	21523	4.852	ug/l #	16
41) Methacrylonitrile	5.17	41	1326	0.466	ug/l #	45
43) Isopropyl Acetate	6.46	43	163430	23.820	ug/l	99
47) Bromodichloromethane	7.90	83	1265	0.327	ug/l	88
48) Methyl methacrylate	7.88	41	13985	4.119	ug/l #	39
51) 4-Methyl-2-Pentanone	8.65	43	2203	0.455	ug/l #	83
54) cis-1,3-Dichloropropene	8.62	75	1116	0.242	ug/l #	63
59) 2-Hexanone	9.55	43	8958	2.412	ug/l #	55
76) 1,2,3-Trichloropropane	11.14	75	82396	18.795	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	82396	59.909	ug/l #	10
95) Naphthalene	13.83	128	115403	7.758	ug/l	99

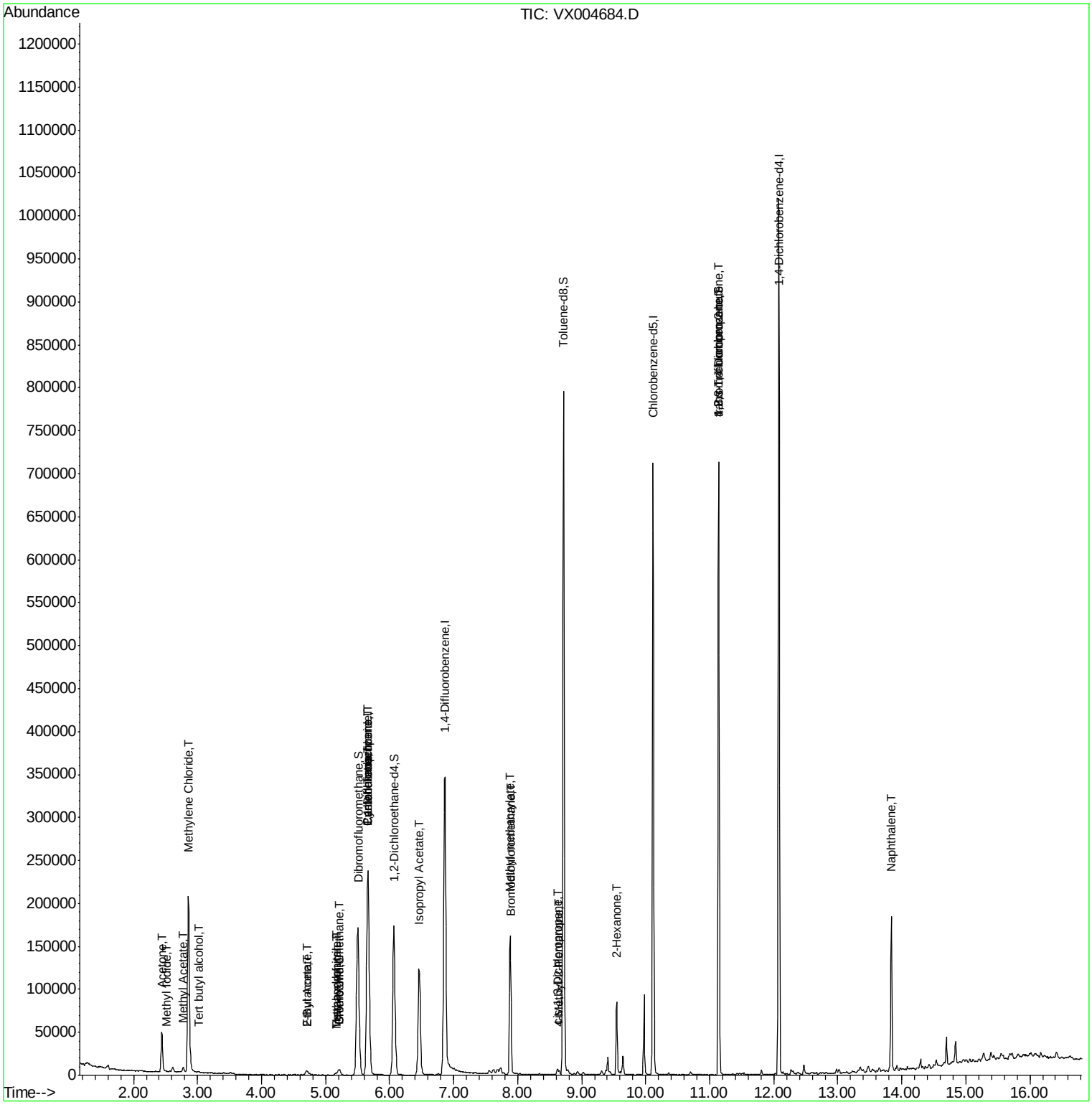
(#) = qualifier out of range (m) = manual integration (+) = signals summed

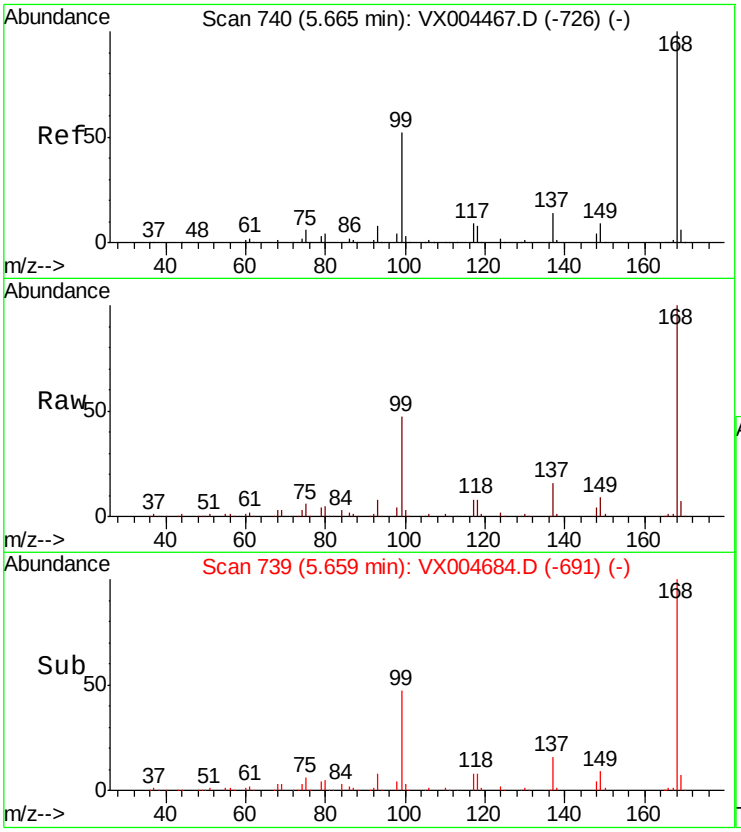
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091818\
Data File : VX004684.D
Acq On : 19 Sep 2018 03:49
Operator : JC/MD
Sample : J4950-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Quant Time: Sep 19 05:44:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration



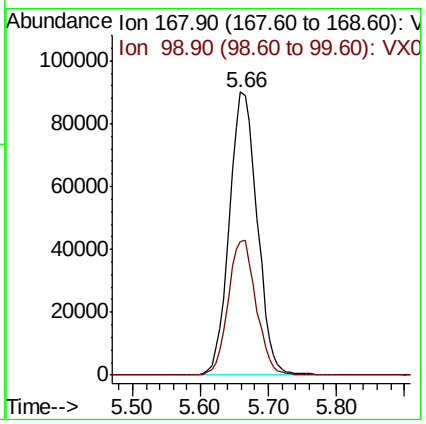


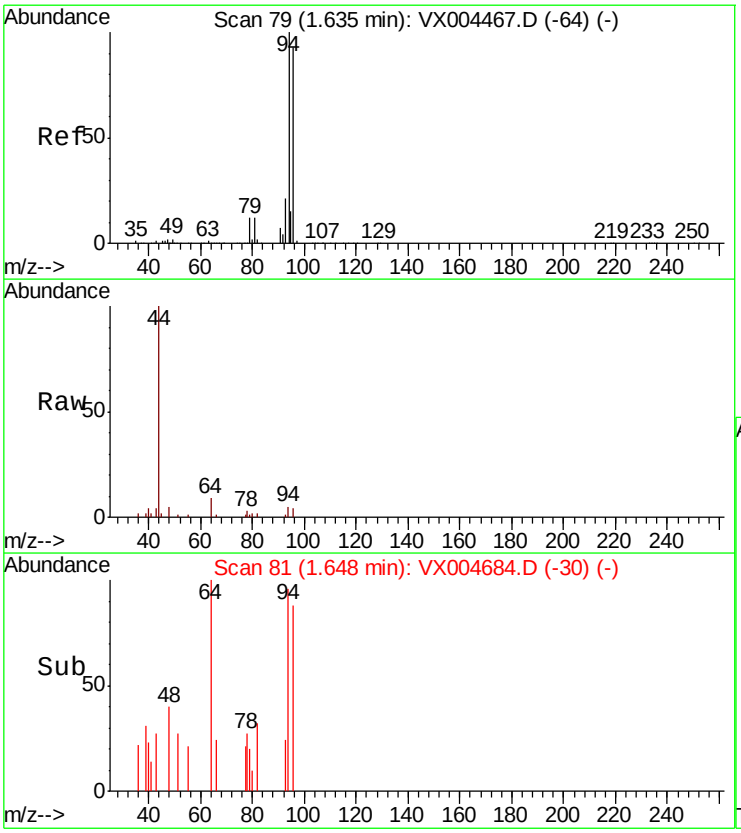
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion:168 Resp: 256255

Ion	Ratio	Lower	Upper
168	100		
99	47.0	39.9	59.9

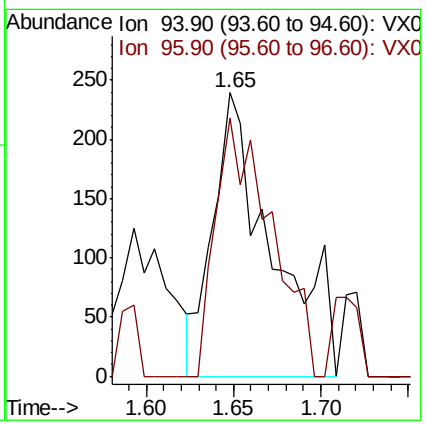


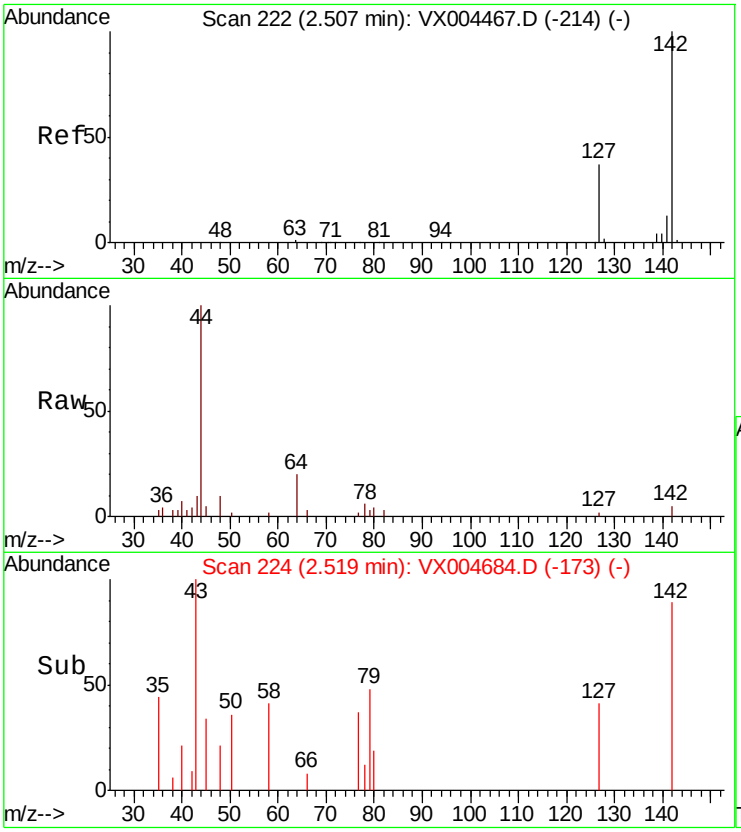


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 94 Resp: 563

Ion	Ratio	Lower	Upper
94	100		
96	91.2	74.5	111.7



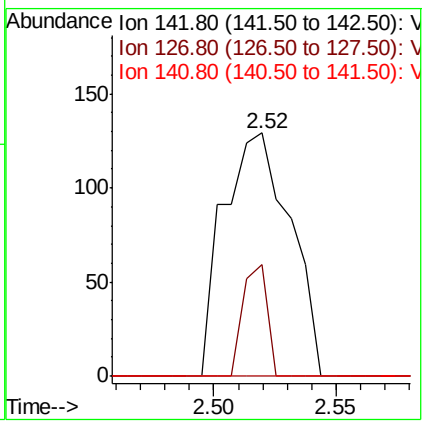


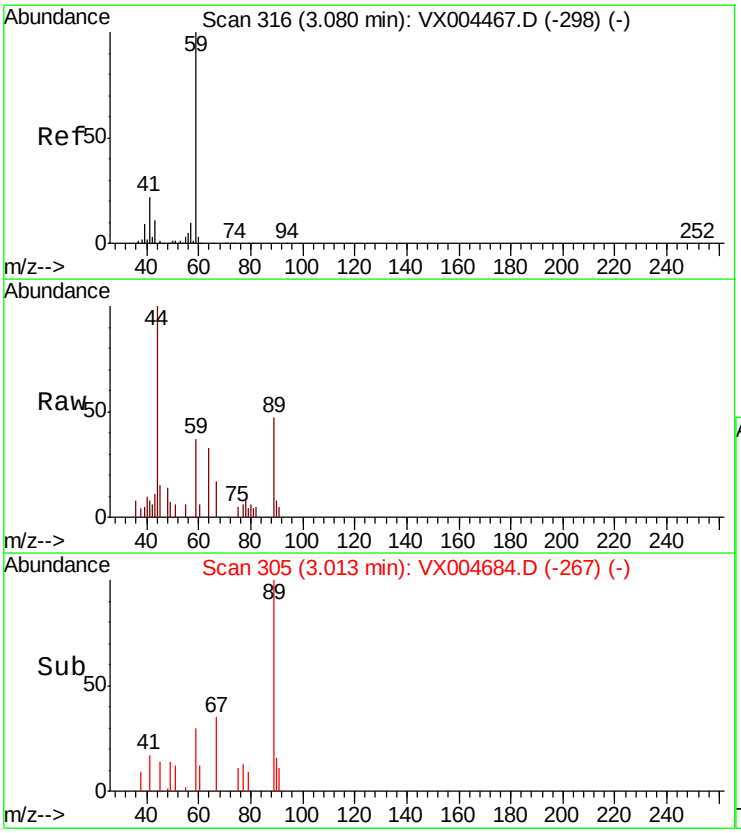
#10
Methyl Iodide
Concen: 4.322 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument : MSVOA_X
ClientSampleId : RB32734RT

Tgt Ion:142 Resp: 246

Ion	Ratio	Lower	Upper
142	100		
127	16.7	33.8	50.6#
141	0.0	11.4	17.0#

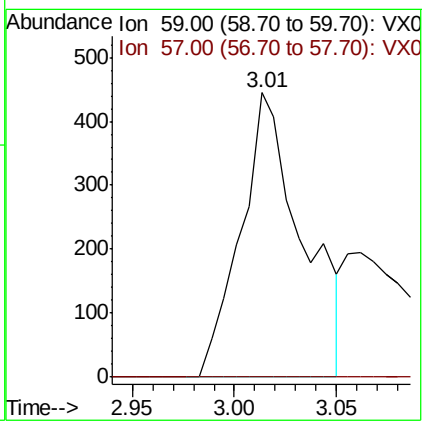


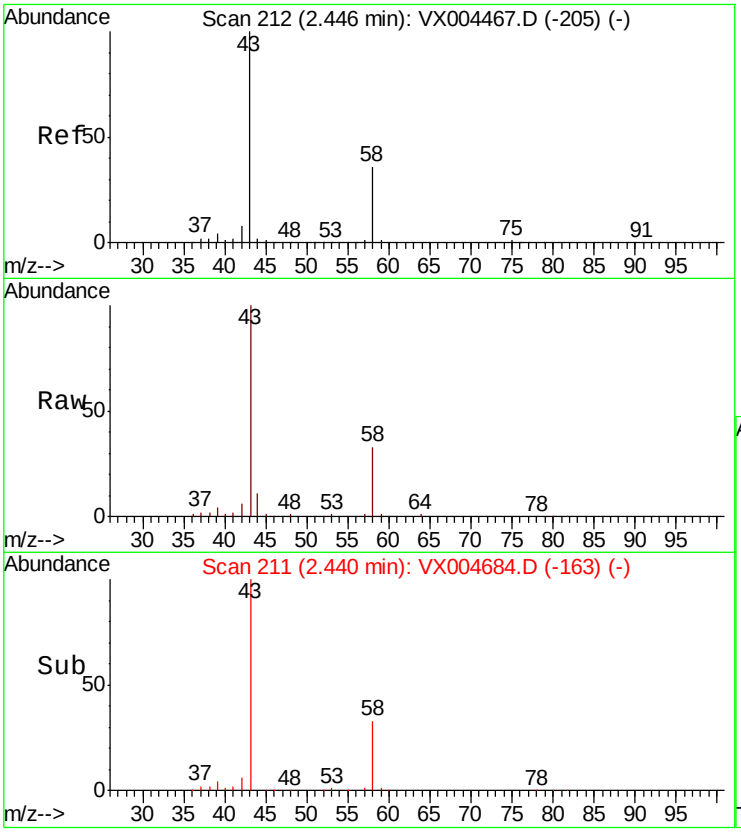


#11
Tert butyl alcohol
Concen: 1.182 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 59 Resp: 932

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



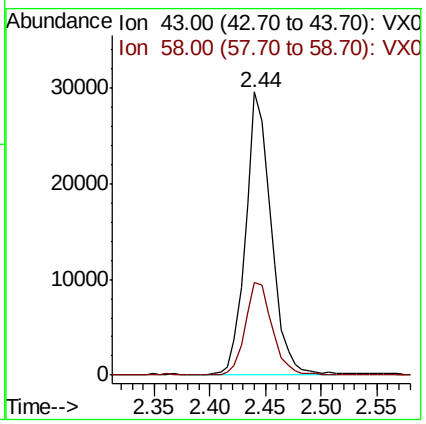


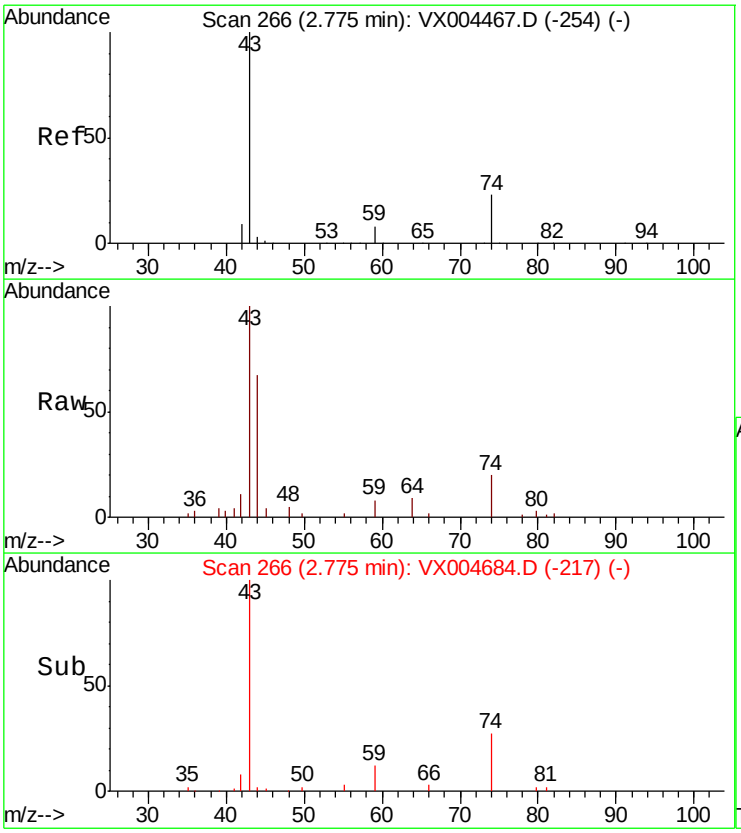
#16
Acetone
Concen: 28.959 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 43 Resp: 46702

Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.2	39.4

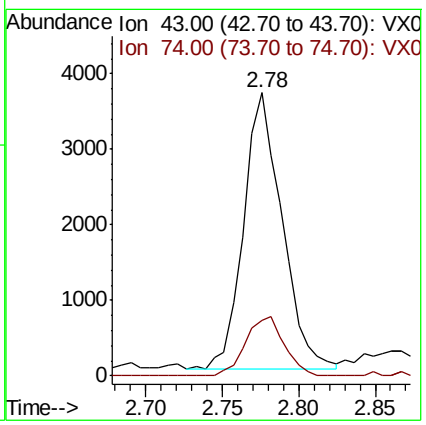


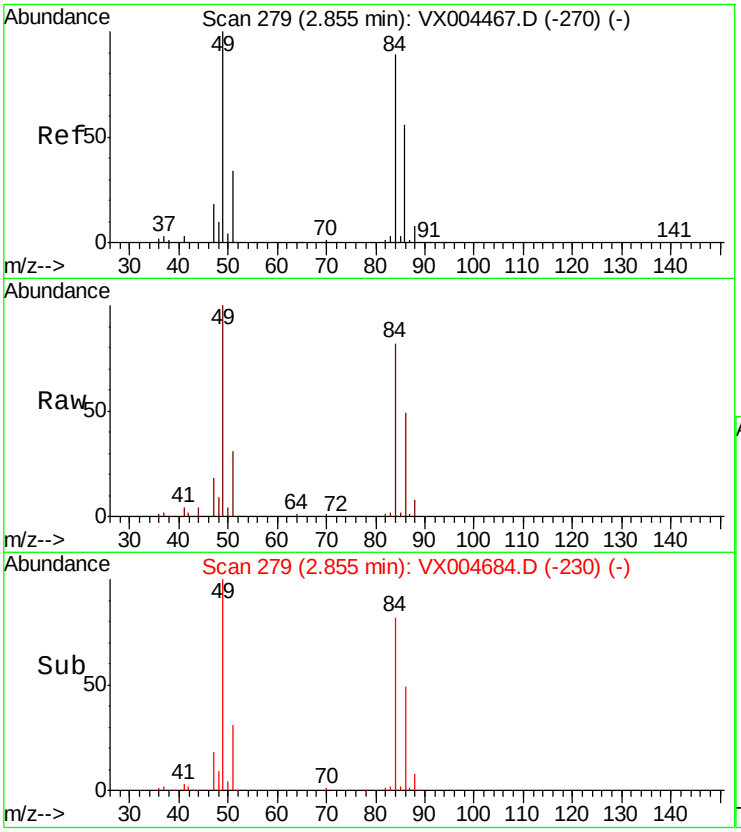


#18
Methyl Acetate
Concen: 1.414 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 43 Resp: 6397

Ion	Ratio	Lower	Upper
43	100		
74	21.6	19.4	29.2



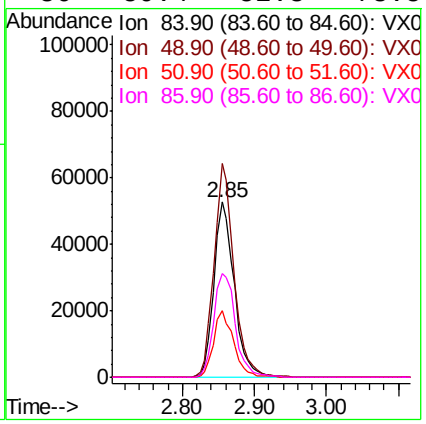


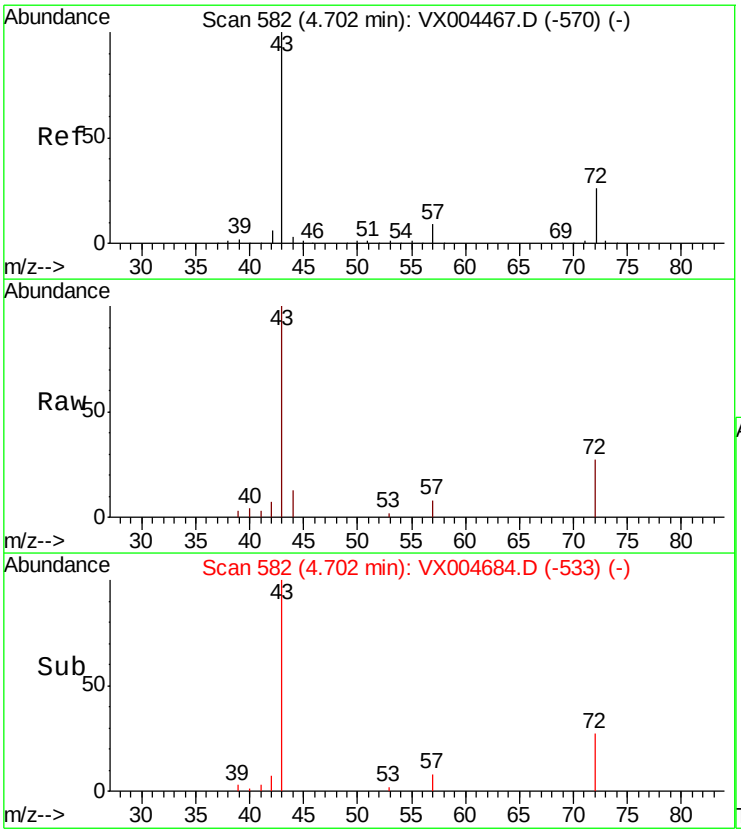
#20
Methylene Chloride
Concen: 31.173 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 84 Resp: 103129

Ion	Ratio	Lower	Upper
84	100		
49	121.8	101.2	151.8
51	37.9	29.5	44.3
86	59.4	52.3	78.5

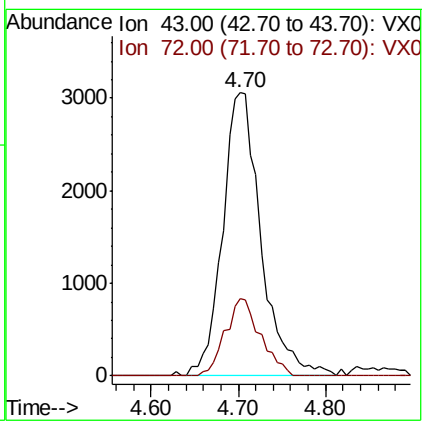


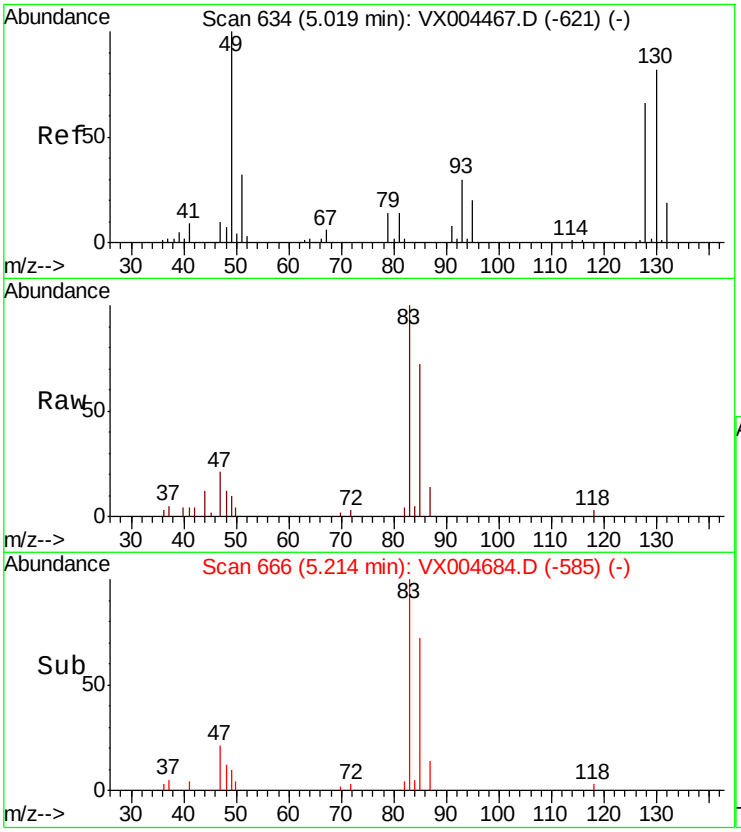


#25
2-Butanone
Concen: 3.632 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 43 Resp: 9323

Ion	Ratio	Lower	Upper
43	100		
72	27.1	22.0	33.0



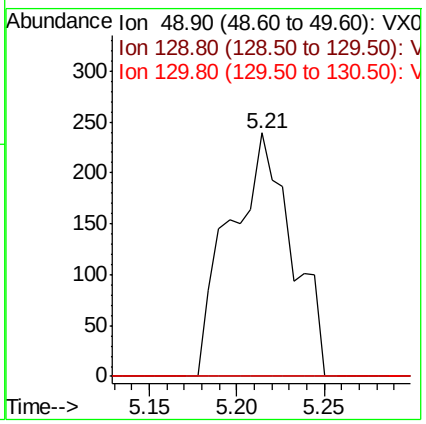


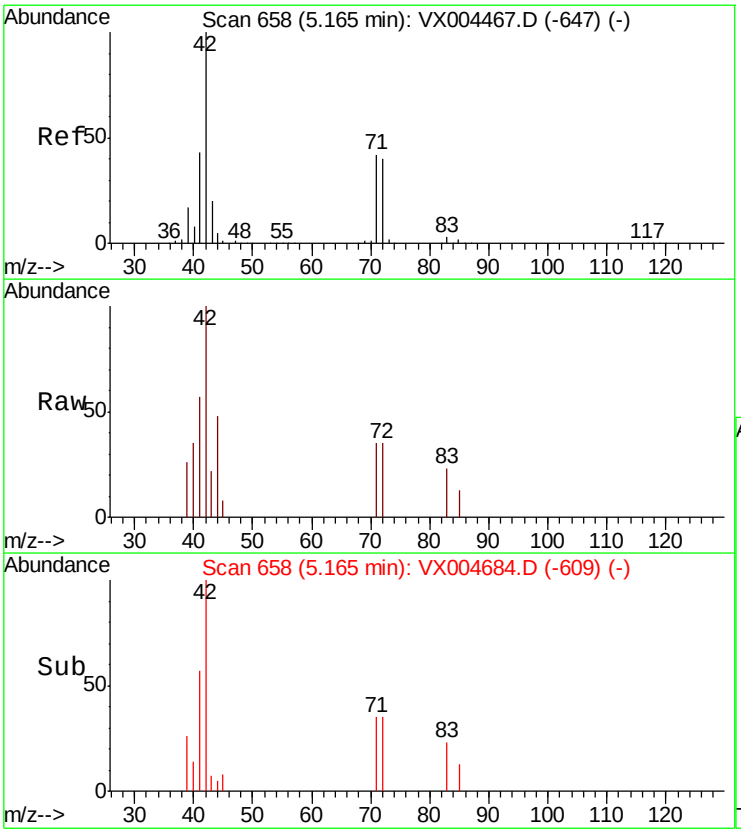
#28
Bromochloromethane
Concen: 0.230 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.20 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 49 Resp: 590

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	67.5	101.3#

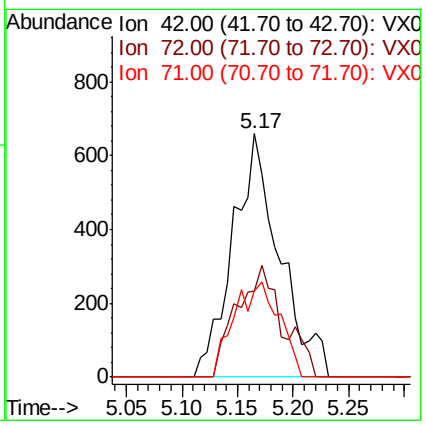


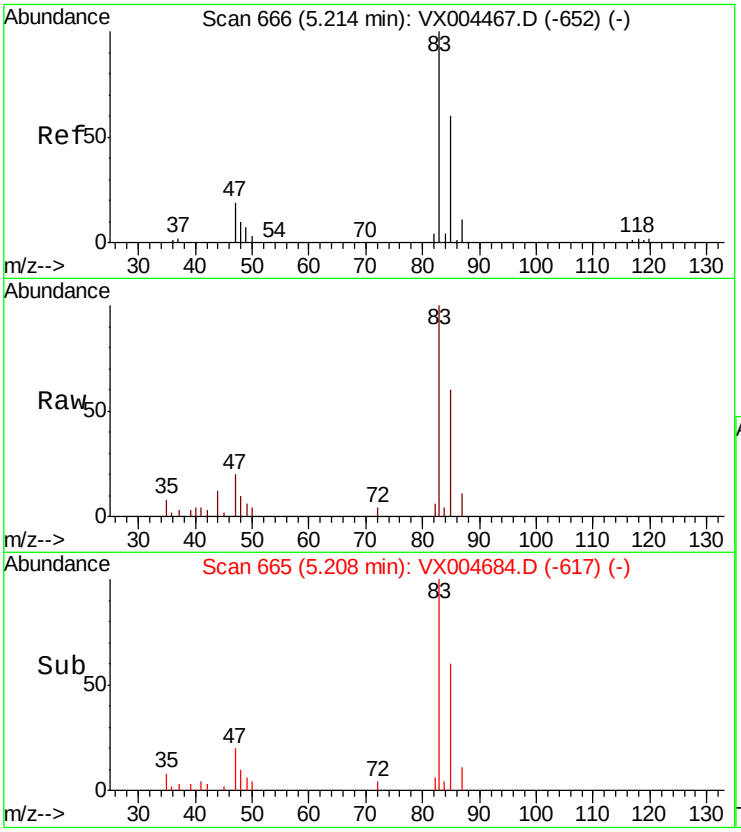


#29
Tetrahydrofuran
Concen: 1.243 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 42 Resp: 1924

Ion	Ratio	Lower	Upper
42	100		
72	39.4	37.4	56.0
71	37.9	34.5	51.7



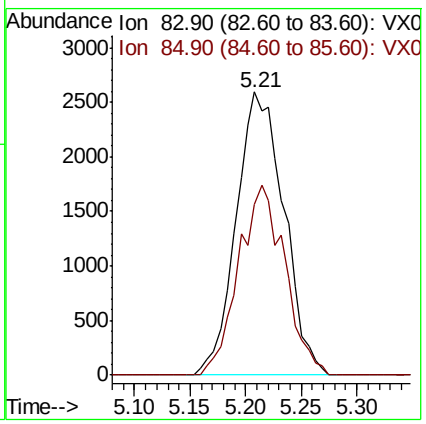


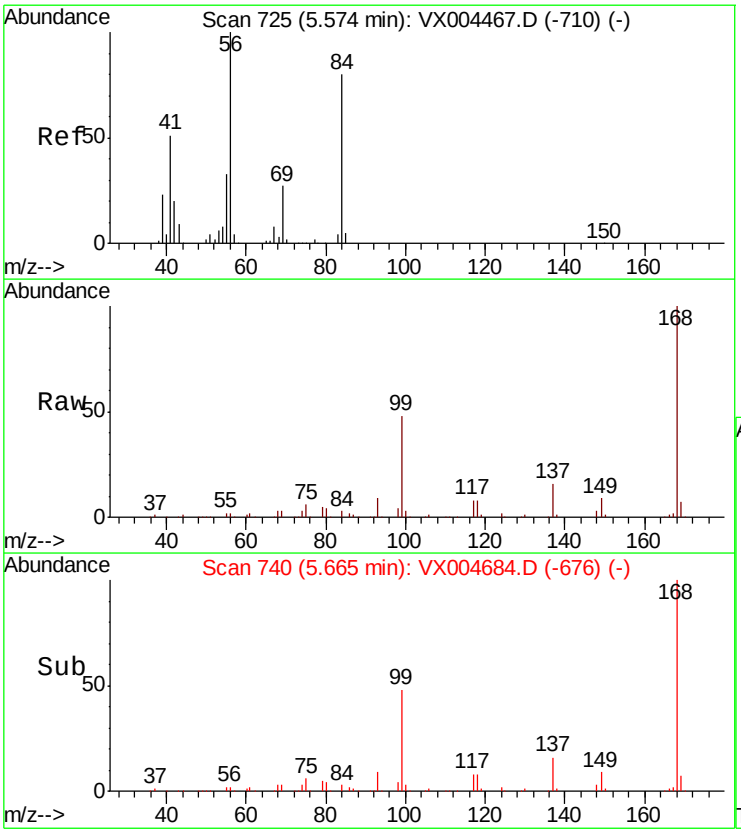
#30
Chloroform
Concen: 1.412 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 83 Resp: 7717

Ion	Ratio	Lower	Upper
83	100		
85	60.2	52.6	79.0

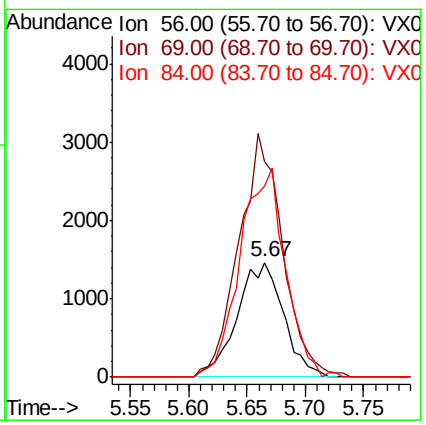


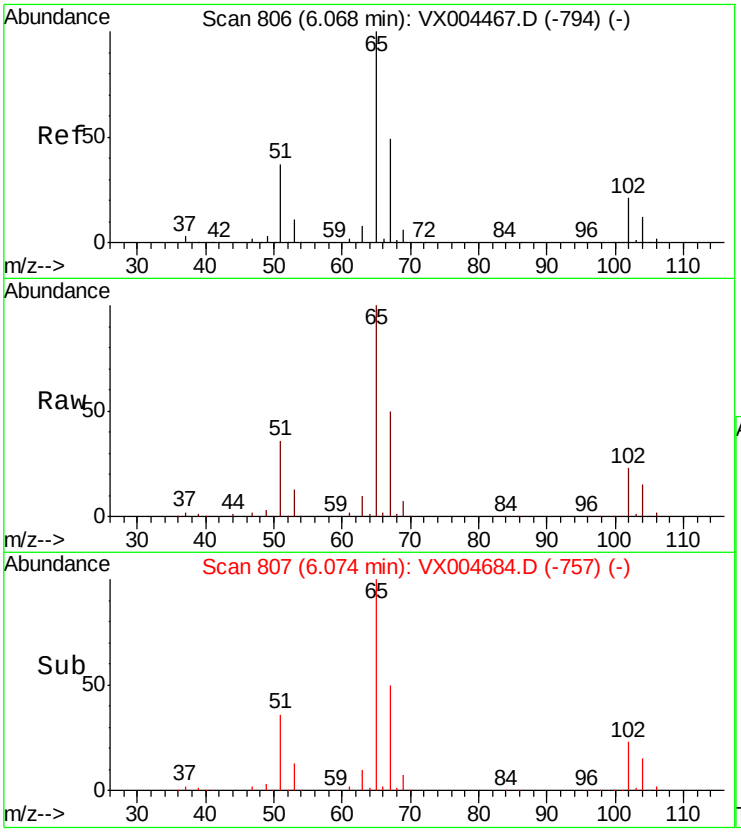


#31
Cyclohexane
Concen: 0.846 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 56 Resp: 4042

Ion	Ratio	Lower	Upper
56	100		
69	188.6	25.4	38.2#
84	167.4	71.4	107.2#



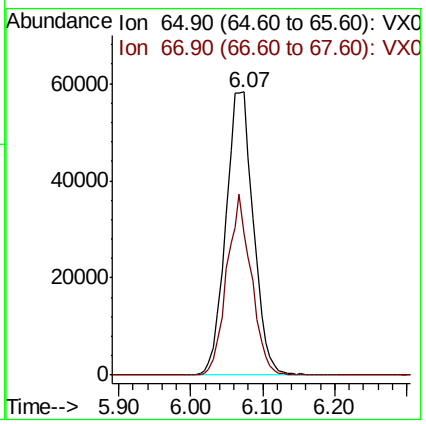


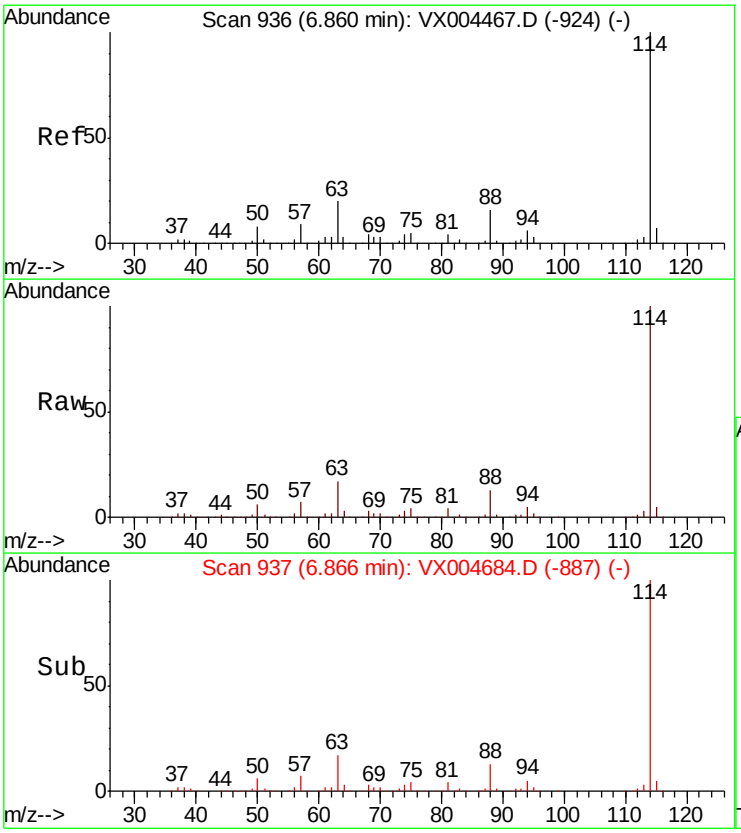
#33
1,2-Dichloroethane-d4
Concen: 47.142 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 65 Resp: 155764

Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	106.8

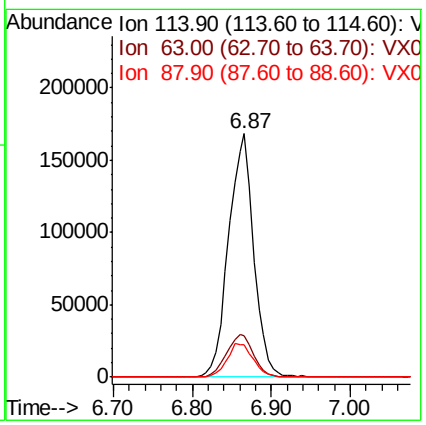


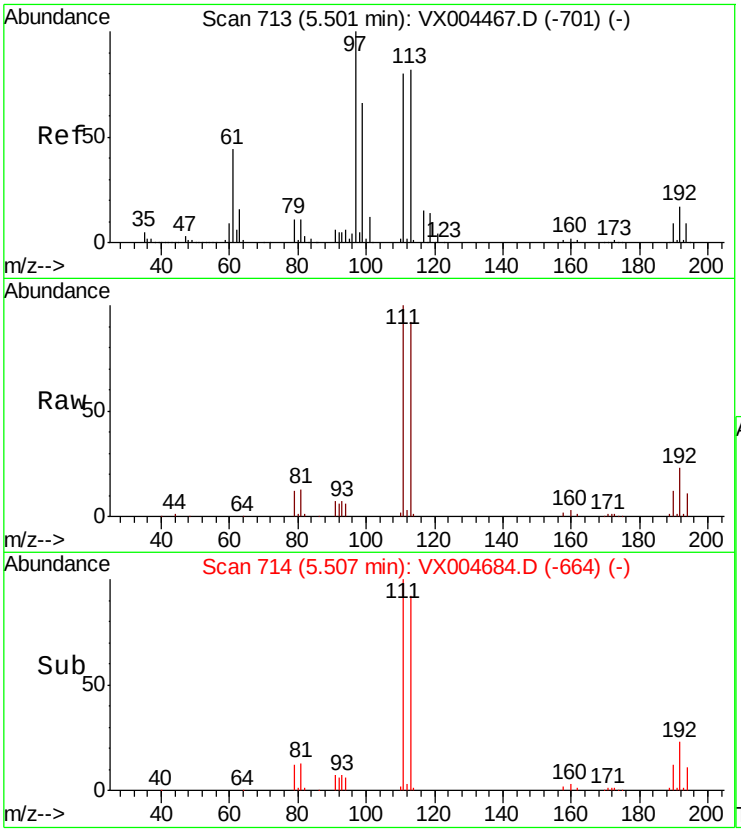


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion:114 Resp: 374104

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	39.0
88	13.2	0.0	30.4



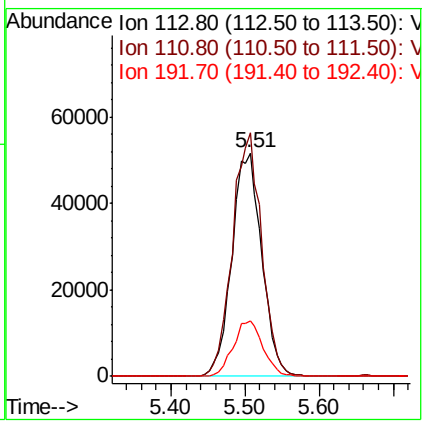


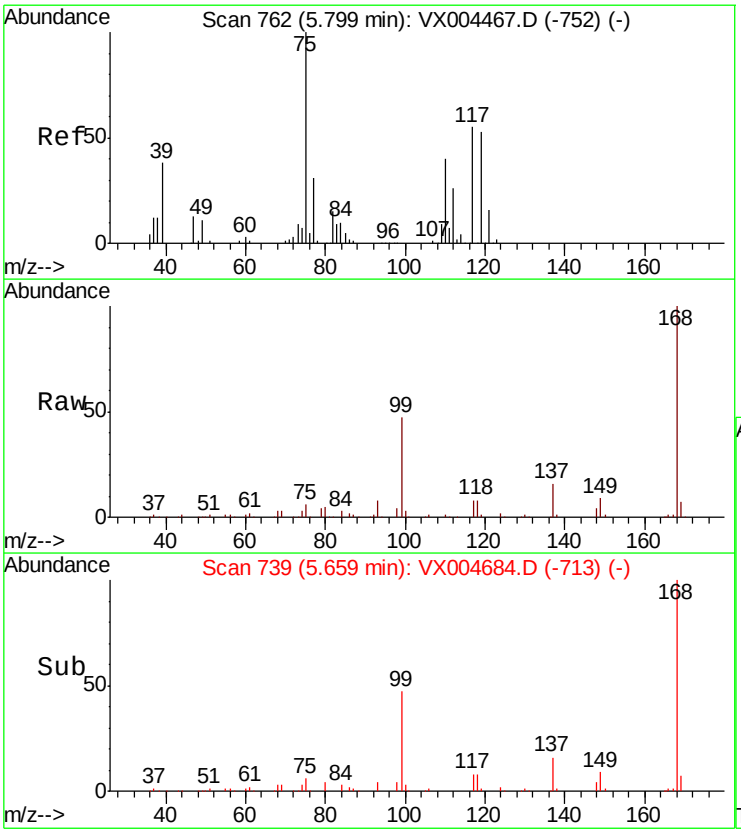
#35
Dibromofluoromethane
Concen: 42.598 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion:113 Resp: 145829

Ion	Ratio	Lower	Upper
113	100		
111	106.2	82.4	123.6
192	24.6	19.4	29.2

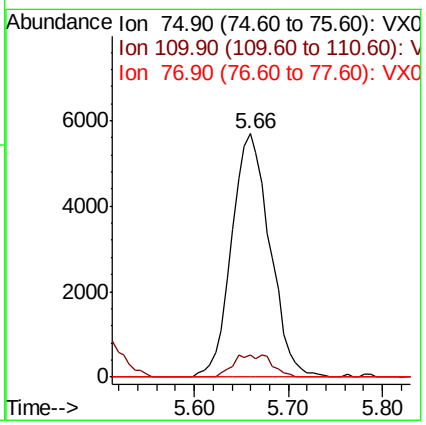


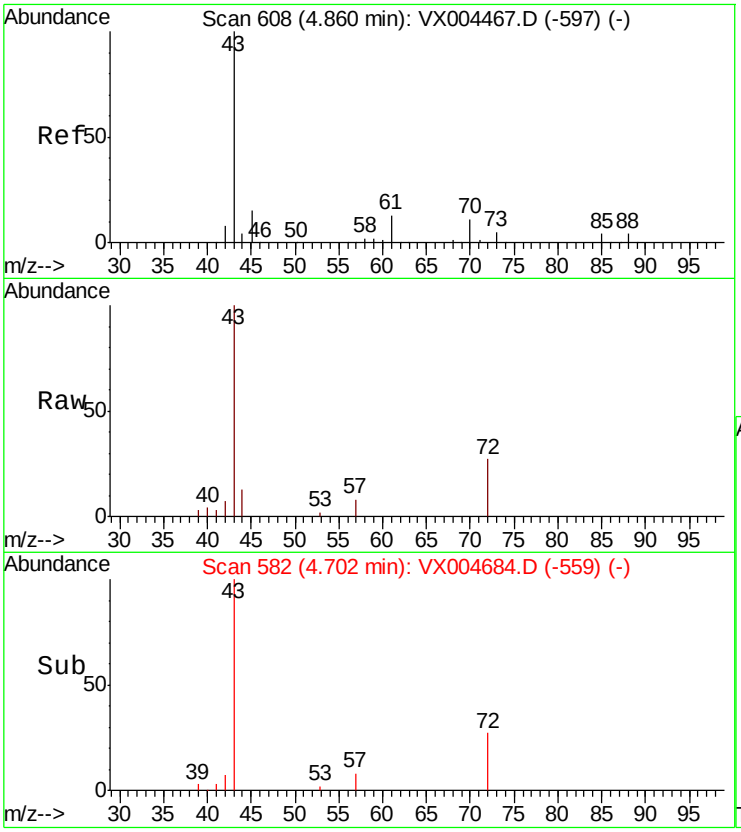


#36
1,1-Dichloropropene
Concen: 3.550 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 75 Resp: 16125

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.0	54.0#
77	0.0	24.6	36.8#



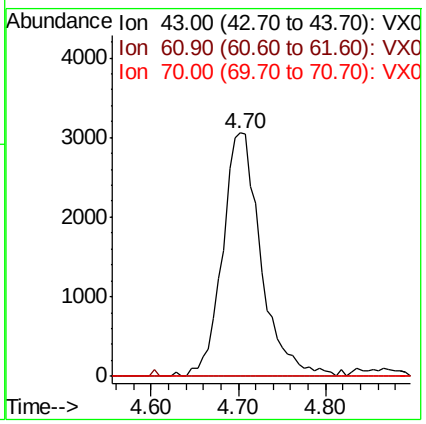


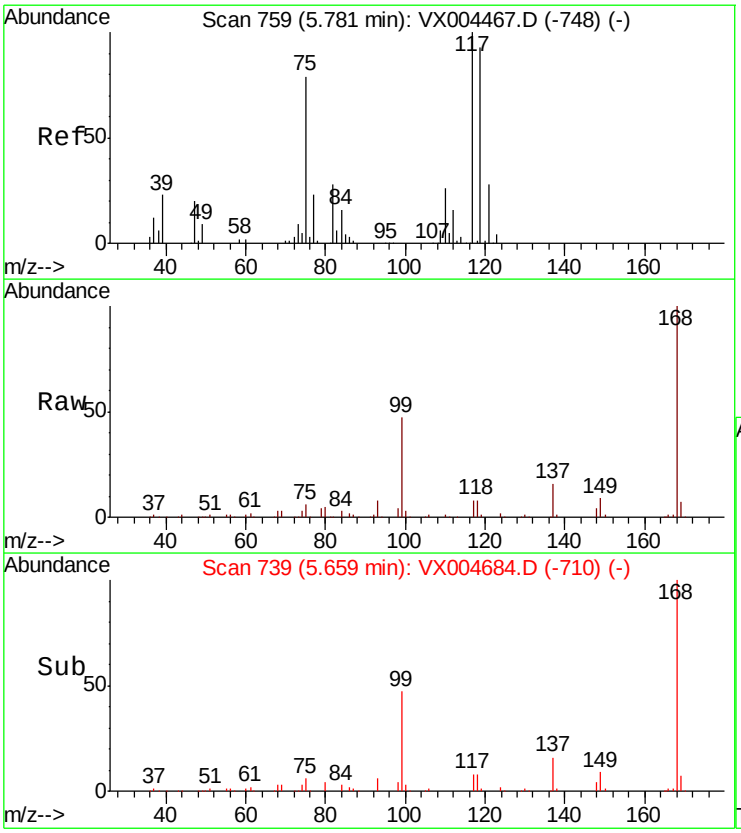
#37
Ethyl Acetate
Concen: 1.805 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 43 Resp: 9323

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.0	13.6#

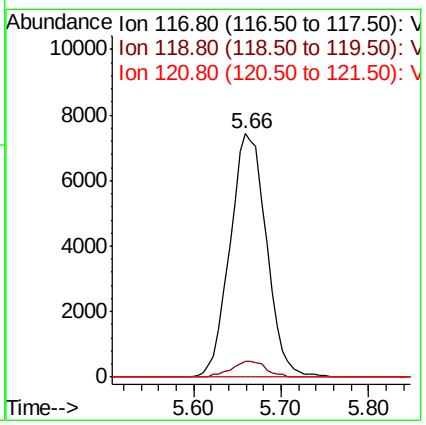


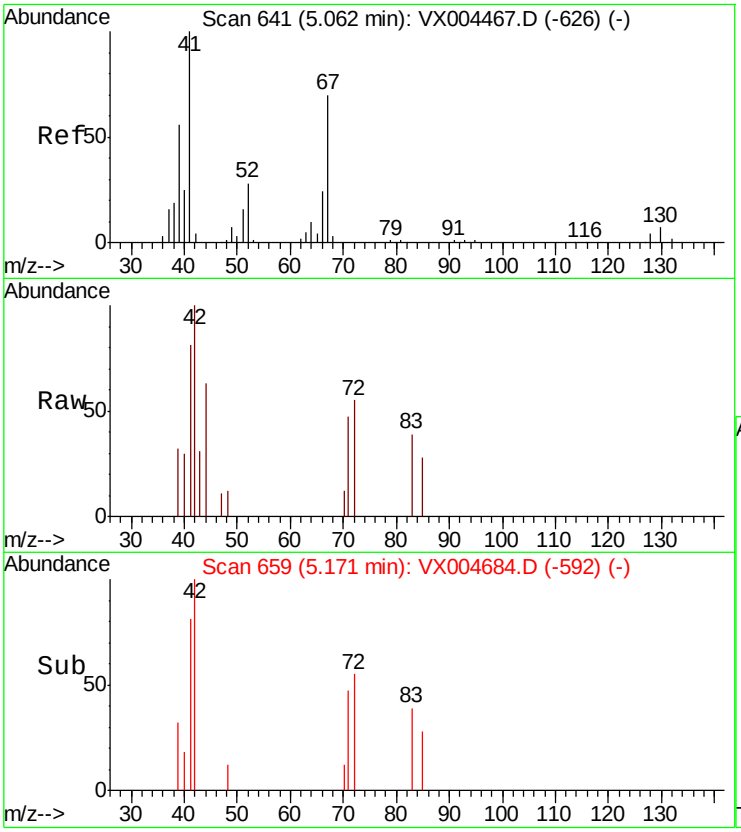


#38
Carbon Tetrachloride
Concen: 4.852 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion:117 Resp: 21523

Ion	Ratio	Lower	Upper
117	100		
119	6.5	78.8	118.2#
121	0.0	24.9	37.3#



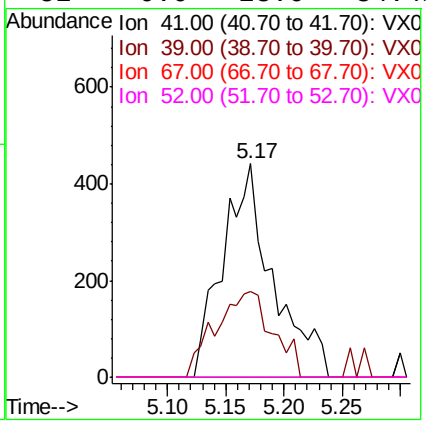


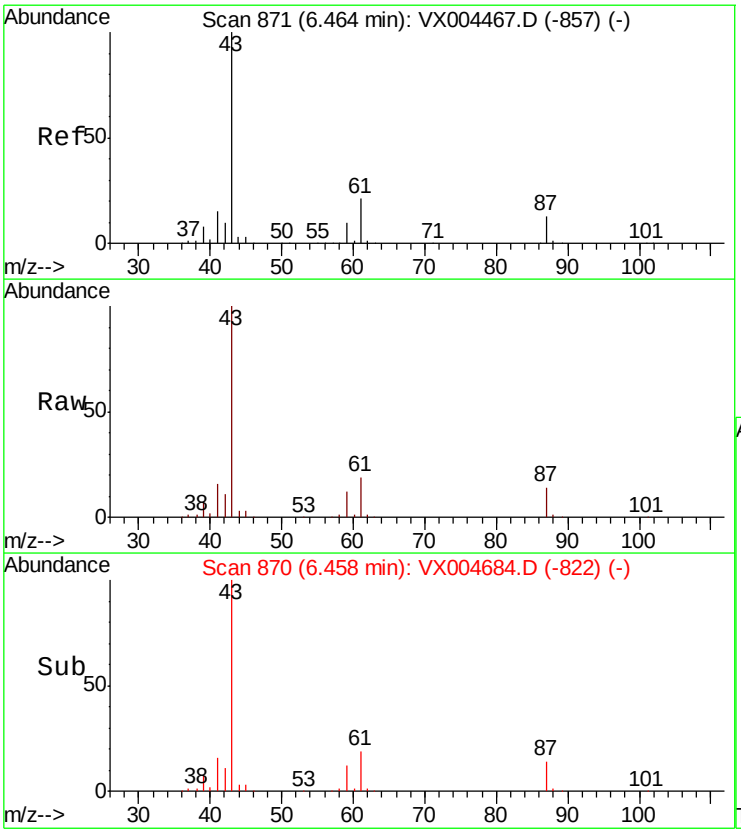
#41
Methacrylonitrile
Concen: 0.466 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.11 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 41 Resp: 1326

Ion	Ratio	Lower	Upper
41	100		
39	45.6	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#

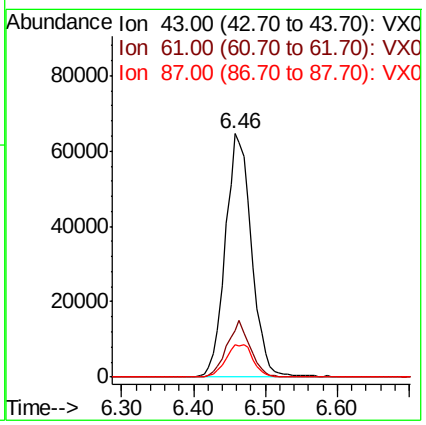


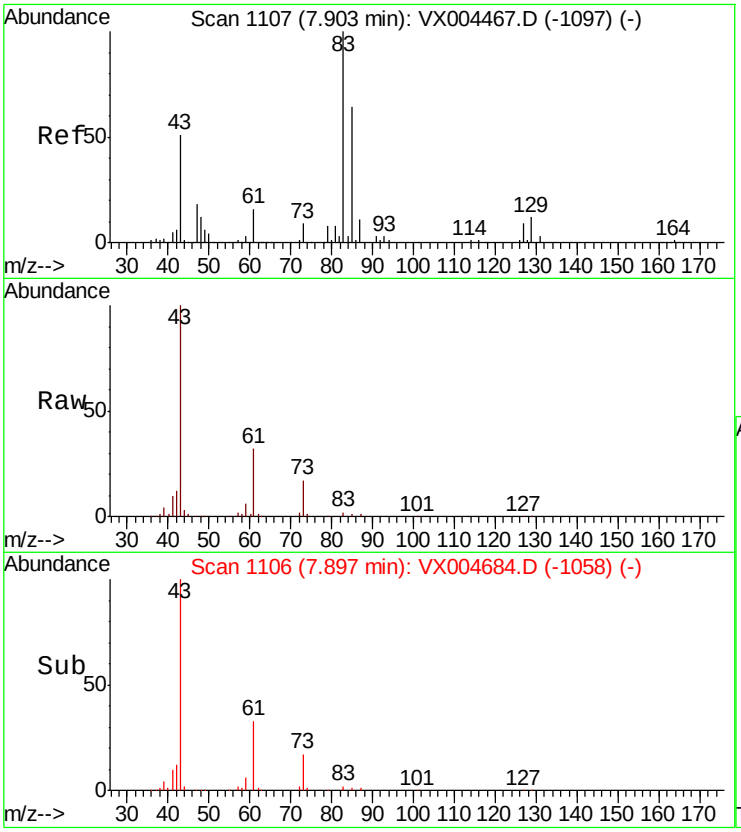


#43
Isopropyl Acetate
Concen: 23.820 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 43 Resp: 163430

Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.0	25.4
87	14.1	11.4	17.2



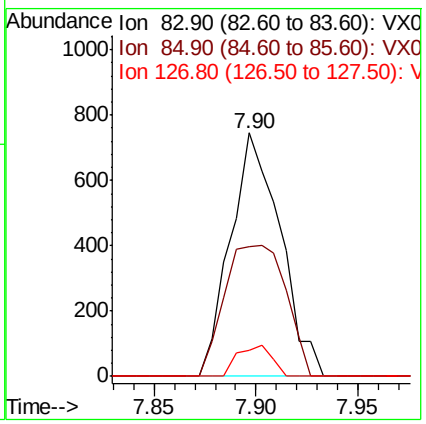


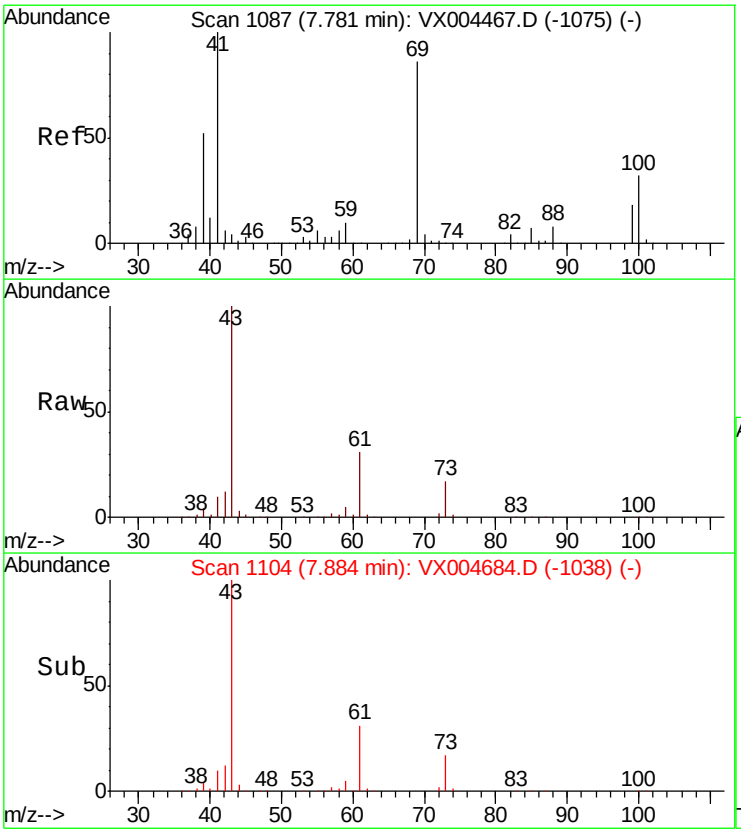
#47
Bromodichloromethane
Concen: 0.327 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 83 Resp: 1265

Ion	Ratio	Lower	Upper
83	100		
85	53.5	50.9	76.3
127	10.7	7.3	10.9

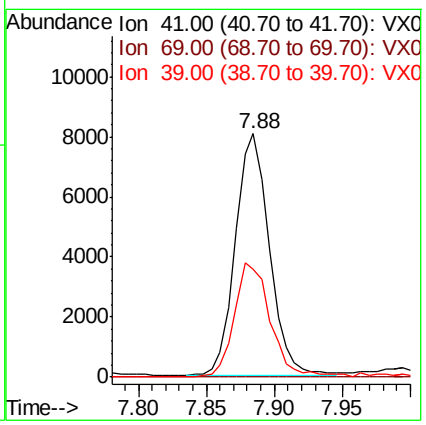


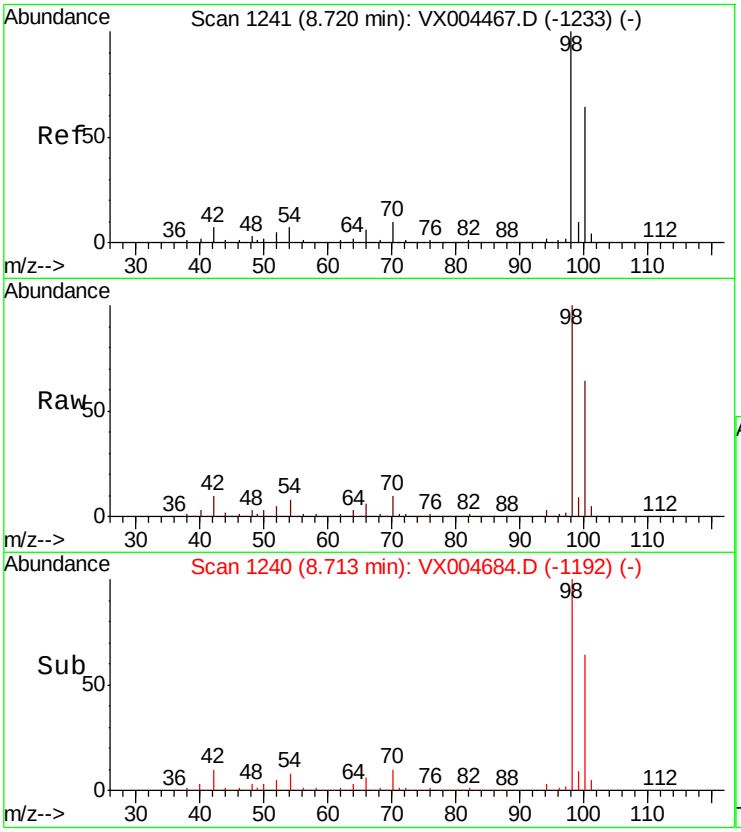


#48
Methyl methacrylate
Concen: 4.119 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.10 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 41 Resp: 13985

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	49.9	42.7	64.1



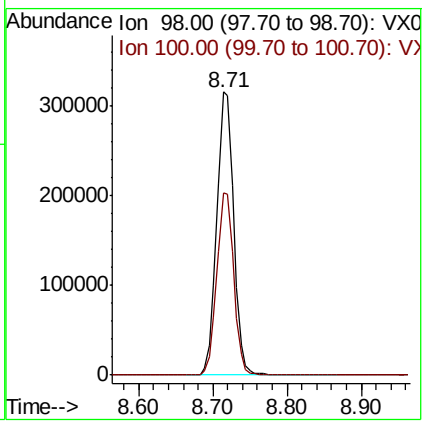


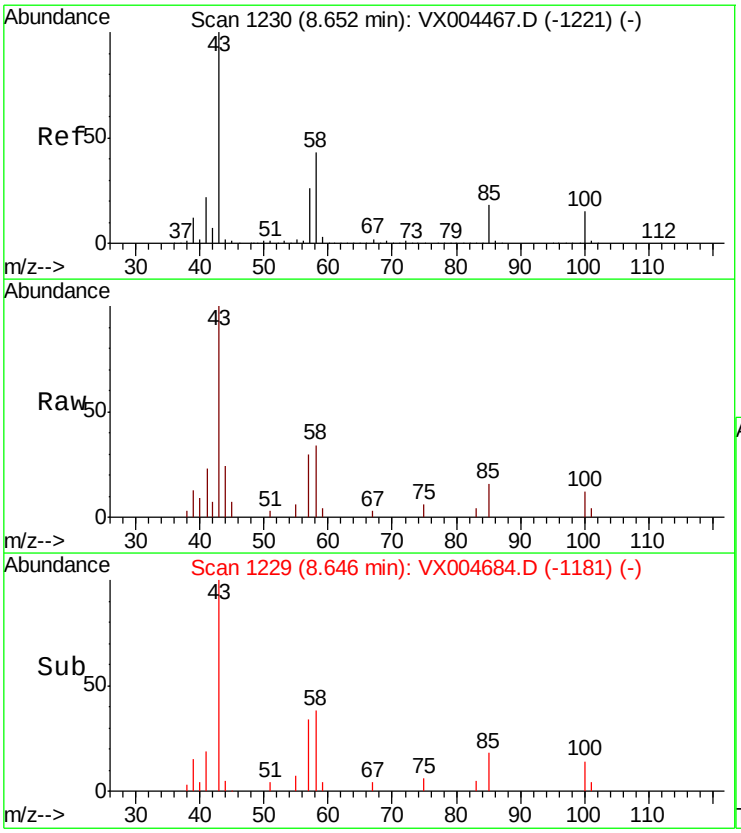
#50
Toluene-d8
Concen: 43.150 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 98 Resp: 495381

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.9	79.3

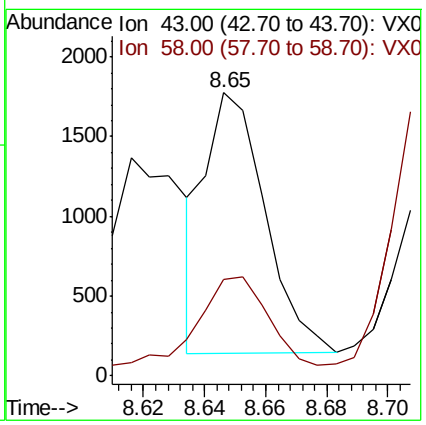


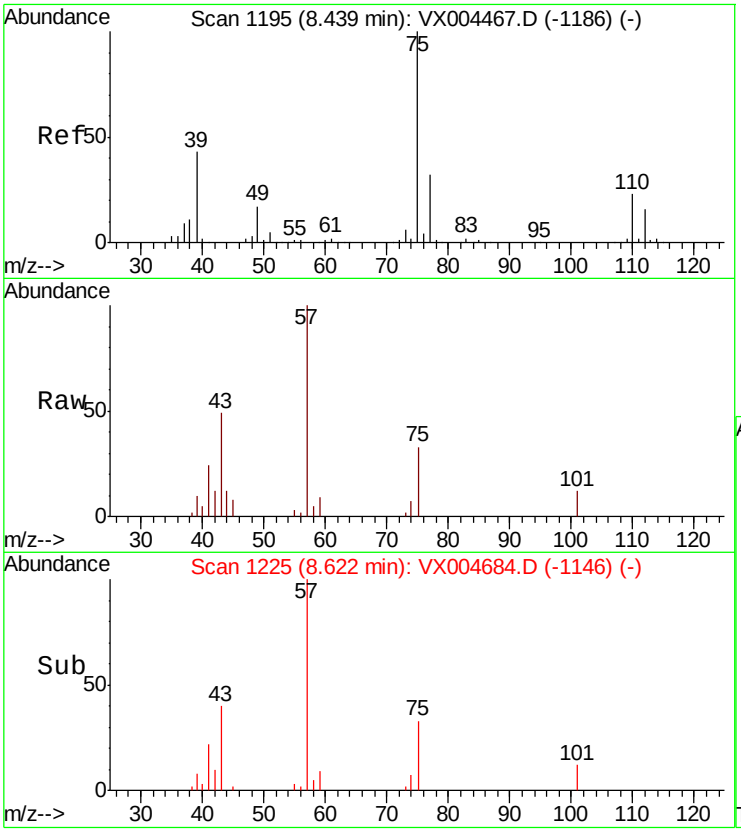


#51
4-Methyl-2-Pentanone
Concen: 0.455 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 43 Resp: 2203

Ion	Ratio	Lower	Upper
43	100		
58	52.2	33.1	49.7#



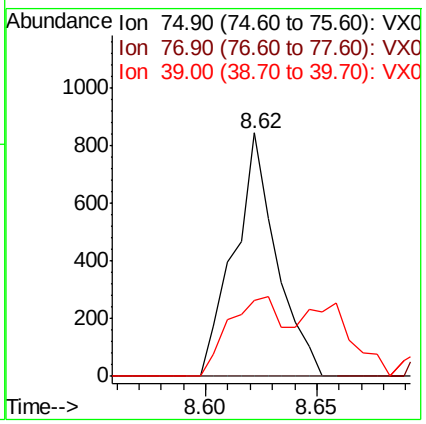


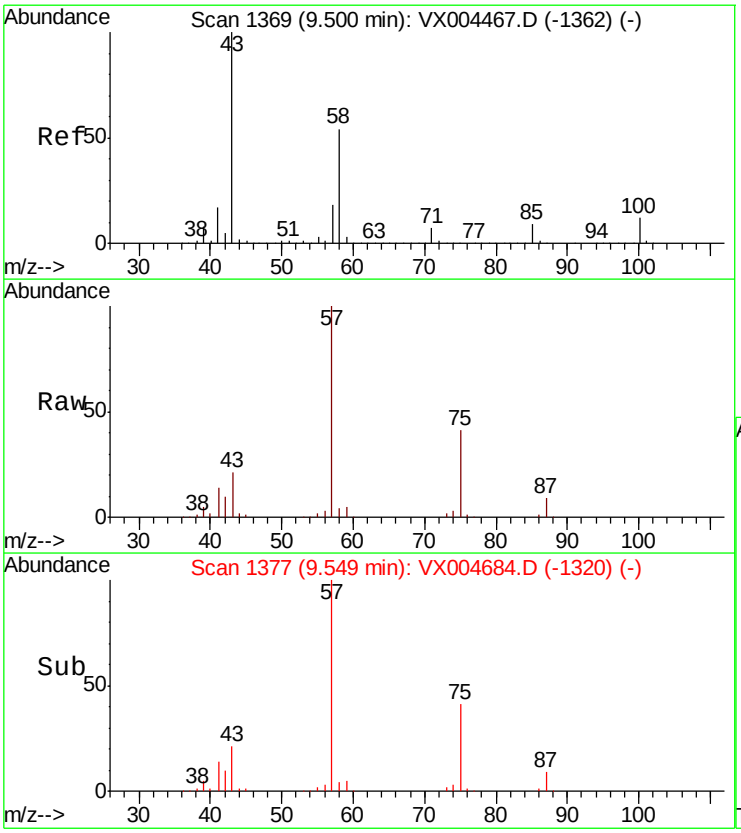
#54
cis-1,3-Dichloropropene
Concen: 0.242 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 75 Resp: 1116

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	31.0	36.4	54.6#

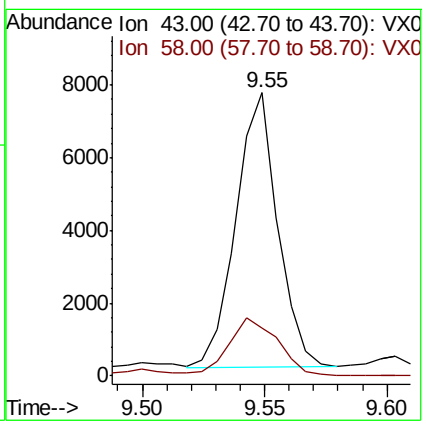


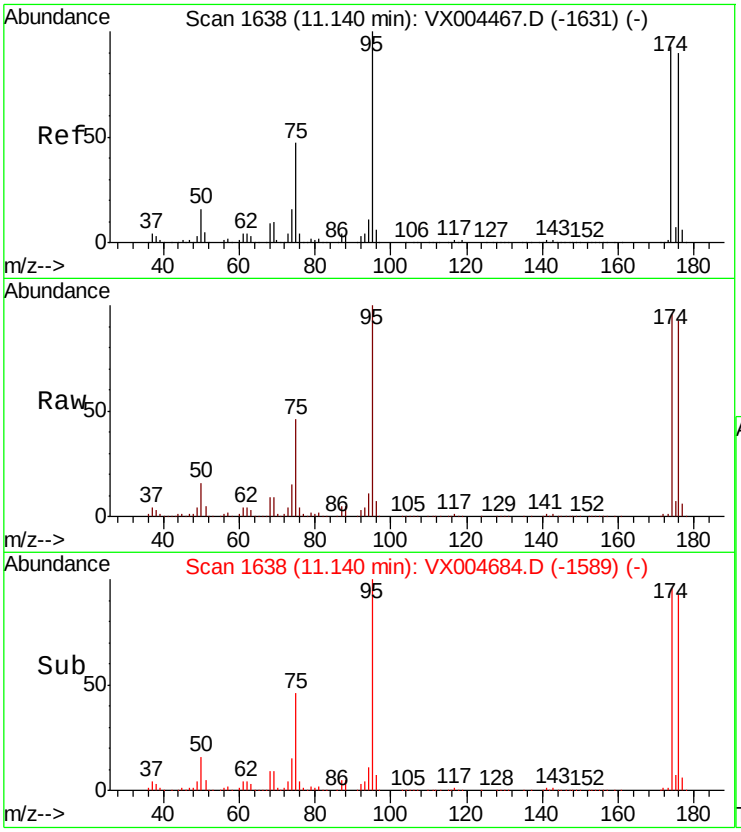


#59
2-Hexanone
Concen: 2.412 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 43 Resp: 8958

Ion	Ratio	Lower	Upper
43	100		
58	24.9	29.0	87.0#



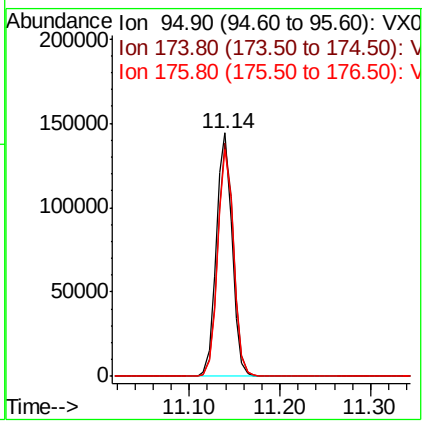


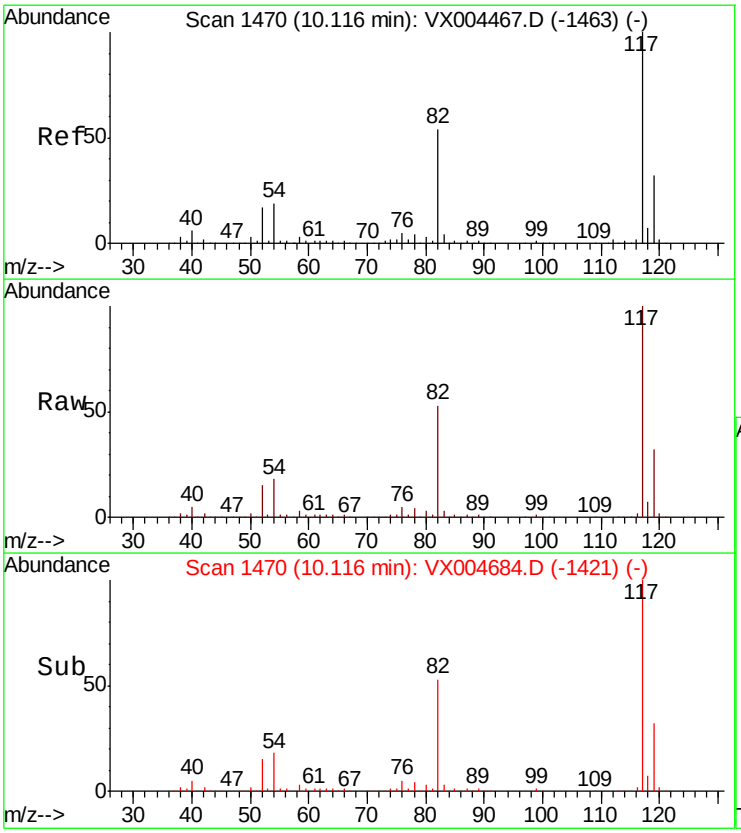
#62
4-Bromofluorobenzene
Concen: 42.964 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 95 Resp: 176067

Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	185.2
176	93.2	0.0	178.6

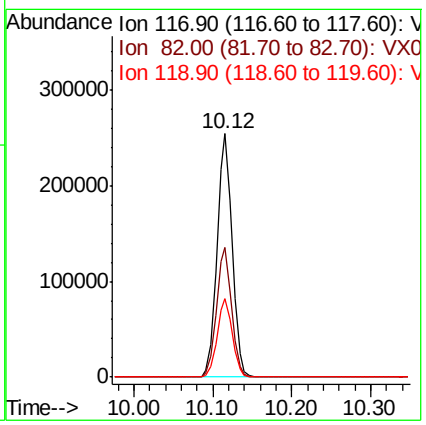


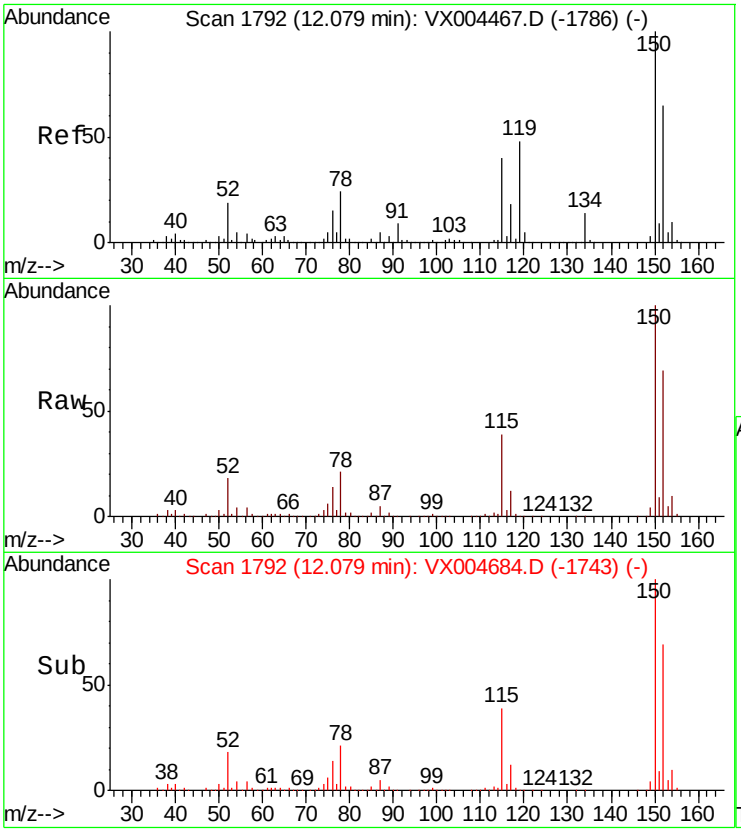


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion:117 Resp: 339354

Ion	Ratio	Lower	Upper
117	100		
82	53.3	47.8	71.6
119	32.4	29.3	43.9



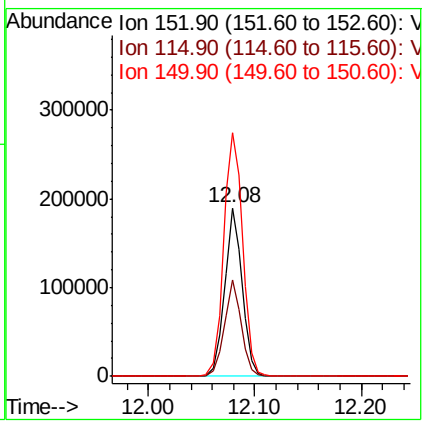


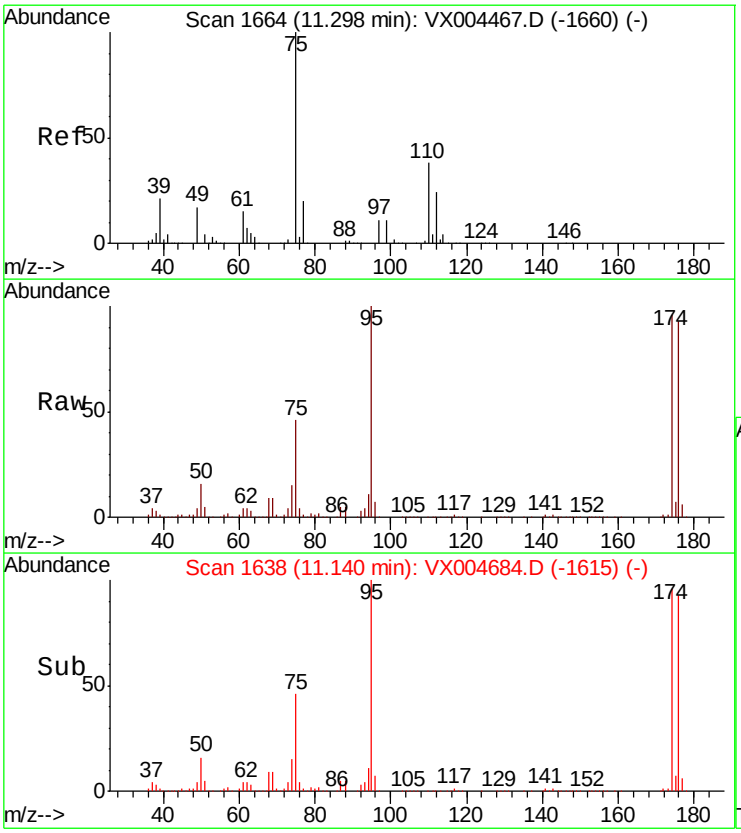
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion:152 Resp: 217898

Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.0	117.0
150	156.0	0.0	351.0

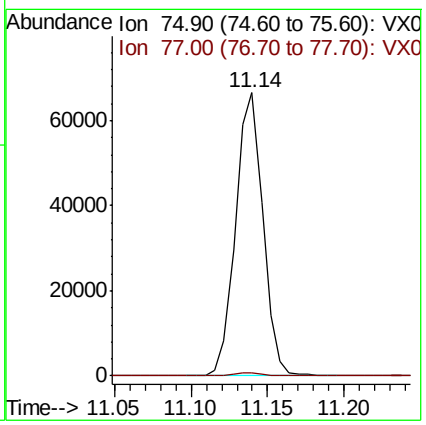


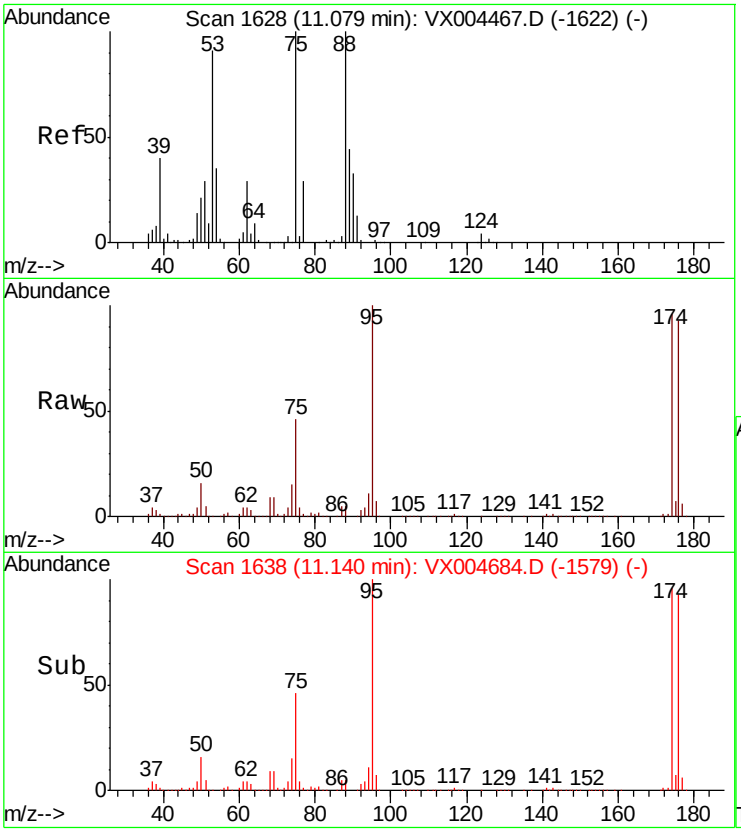


#76
1,2,3-Trichloropropane
Concen: 18.795 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion: 75 Resp: 82396

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#



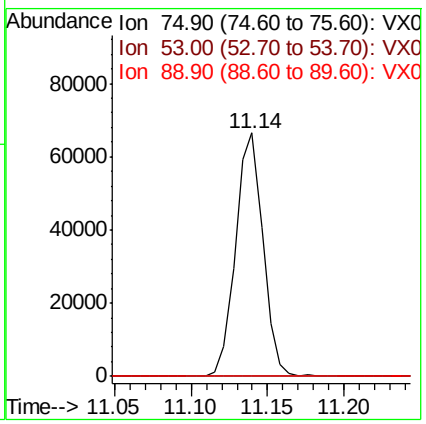


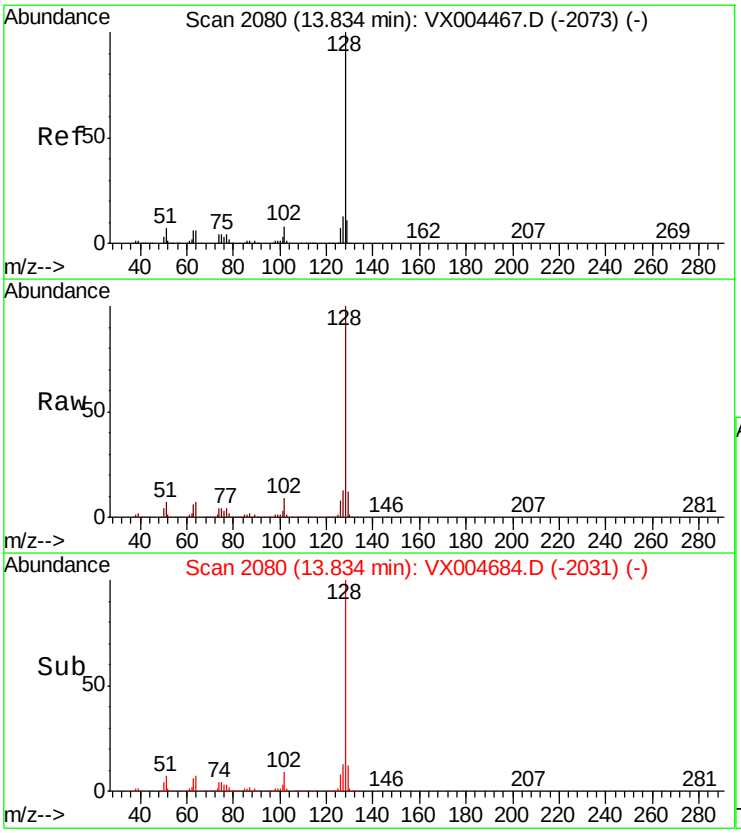
#81
trans-1,4-Dichloro-2-butene
Concen: 59.909 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :
RB32734RT

Tgt Ion: 75 Resp: 82396

Ion	Ratio	Lower	Upper
75	100		
53	0.1	80.1	120.1#
89	0.0	37.2	55.8#





#95
Naphthalene
Concen: 7.758 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004684.D
Acq: 19 Sep 2018 03:49

Tgt Ion:128 Resp: 115403

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	11.5	8.6	12.8