Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005148.D
Acq On : 09 Oct 2018 01:23
Operator : JC/MD
Sample : J5189-05DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-131D1-20180927DL

Quant Time: Oct 09 06:01:37 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	198933	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292969	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297101	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168174	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.06	65	152274	53.58 ug/l	0.00
Spiked Amount 50.000			Recovery = 107.16%		
35) Dibromofluoromethane	5.49	113	129599	52.20 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.40%		
50) Toluene-d8	8.72	98	432899	52.44 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.88%		
62) 4-Bromofluorobenzene	11.14	95	156602	52.66 ug/l	0.00
Spiked Amount 50.000			Recovery = 105.32%		
Target Compounds					Qvalue
5) Bromomethane	1.64	94	725	0.396 ug/l	94
6) Chloroethane	1.70	64	127	Below Cal #	45
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1750	0.804 ug/l	97
11) Tert butyl alcohol	3.02	59	3618	4.553 ug/l #	78
12) 1,1-Dichloroethene	2.37	96	656	0.304 ug/l #	74
13) Acrolein	2.29	56	239	0.423 ug/l #	75
16) Acetone	2.45	43	1341	0.808 ug/l #	73
20) Methylene Chloride	2.86	84	573	Below Cal	93
27) cis-1,2-Dichloroethene	4.60	96	2500	0.948 ug/l	78
29) Tetrahydrofuran	5.17	42	938	0.617 ug/l #	68
30) Chloroform	5.21	83	1970	0.441 ug/l #	76
31) Cyclohexane	5.66	56	3854	1.066 ug/l #	6
36) 1,1-Dichloropropene	5.67	75	13463	3.974 ug/l #	46
38) Carbon Tetrachloride	5.66	117	18113	5.086 ug/l #	18
44) Trichloroethene	7.21	130	77328	29.659 ug/l	96
49) 1,4-Dioxane	7.76	88	358	4.892 ug/l #	71
56) Ethyl methacrylate	8.96	69	19	2.866 ug/l #	1
60) Dibromochloromethane	9.34	129	3251	1.273 ug/l #	10
64) Tetrachloroethene	9.34	164	3224	1.103 ug/l	97
70) Styrene	10.71	104	21	2.143 ug/l #	25
74) N-amyl acetate	10.89	43	102	1.765 ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	76970	20.420 ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	121	Below Cal	86
81) trans-1,4-Dichloro-2-buten	11.14	75	76970	55.466 ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	244	Below Cal #	31
95) Naphthalene	13.84	128	317	0.742 ug/l #	69

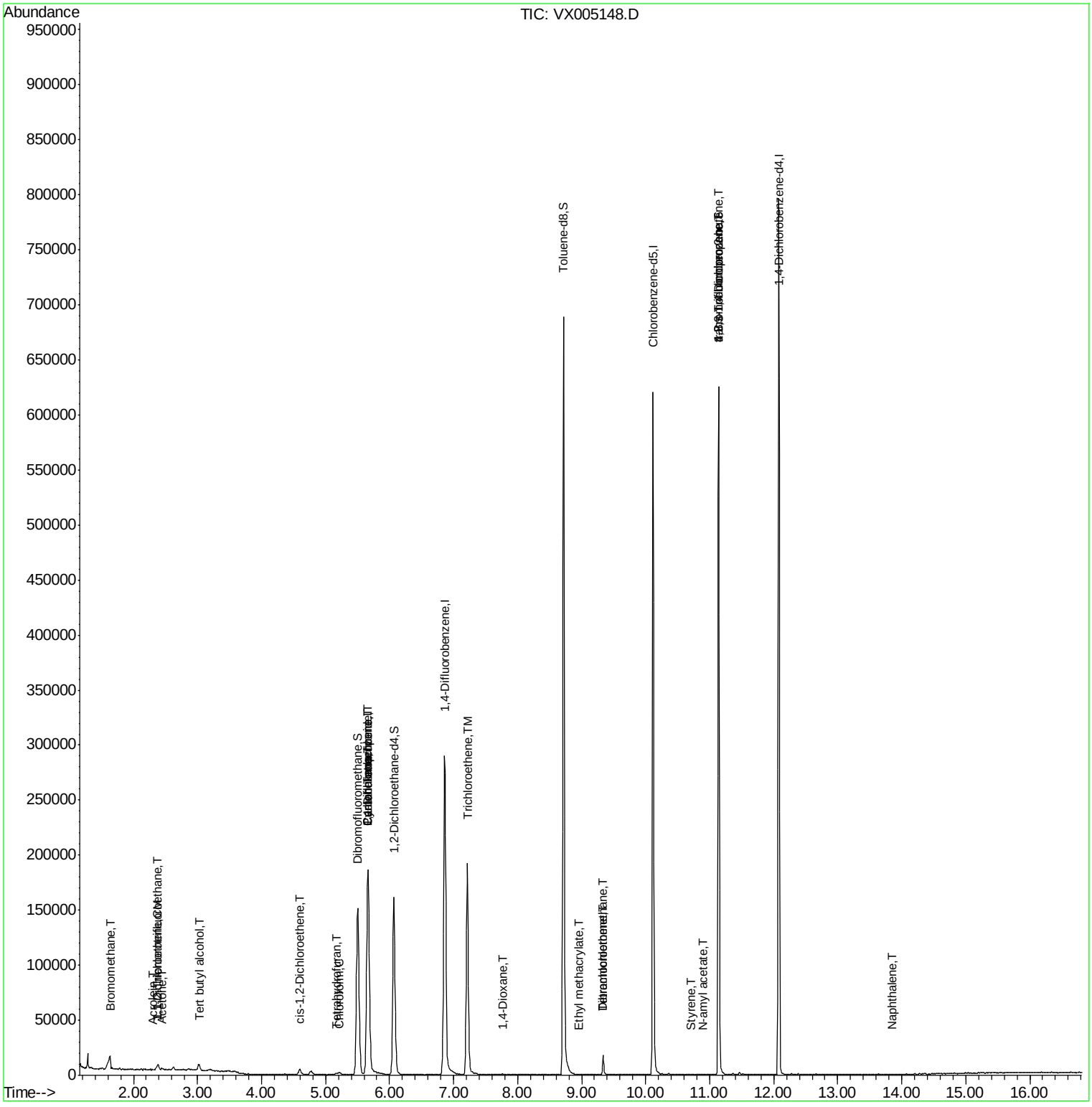
(#) = qualifier out of range (m) = manual integration (+) = signals summed

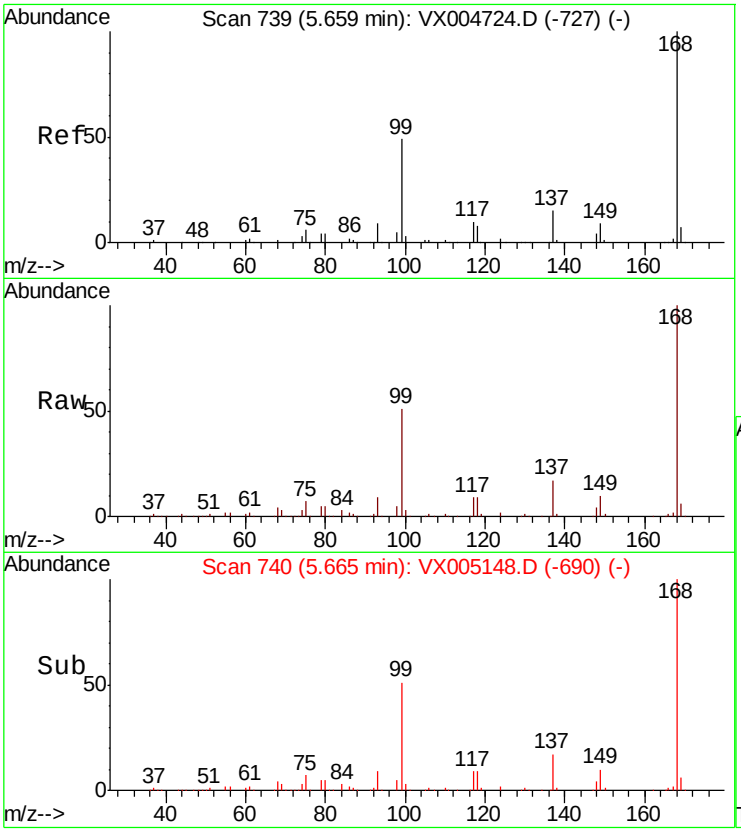
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100818\
Data File : VX005148.D
Acq On : 09 Oct 2018 01:23
Operator : JC/MD
Sample : J5189-05DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Quant Time: Oct 09 06:01:37 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



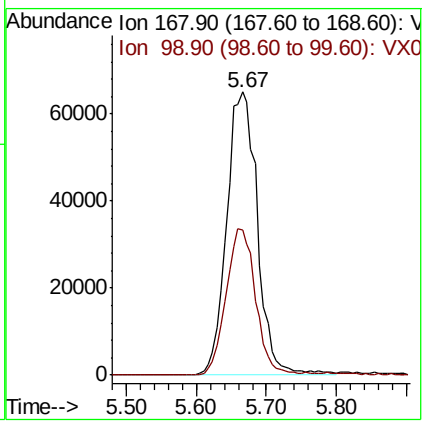


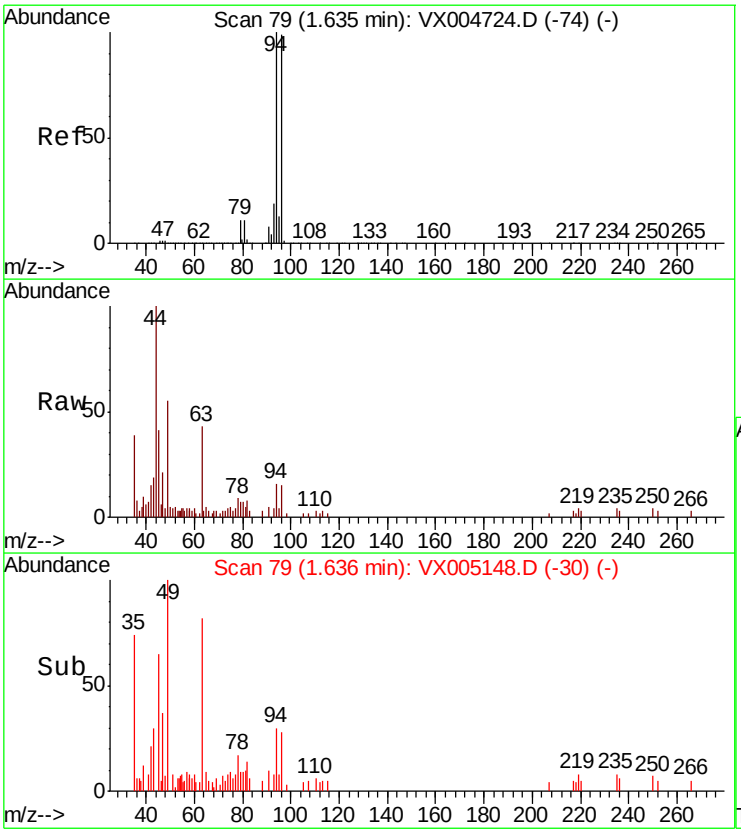
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion:168 Resp: 198933

Ion	Ratio	Lower	Upper
168	100		
99	51.3	39.3	58.9

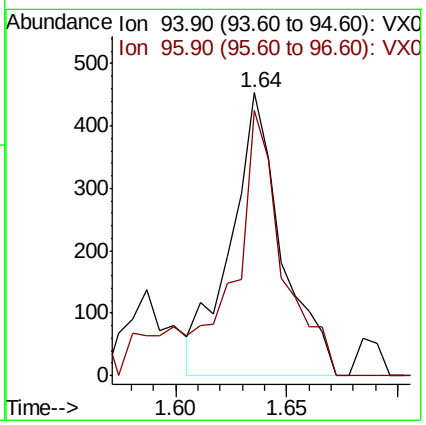


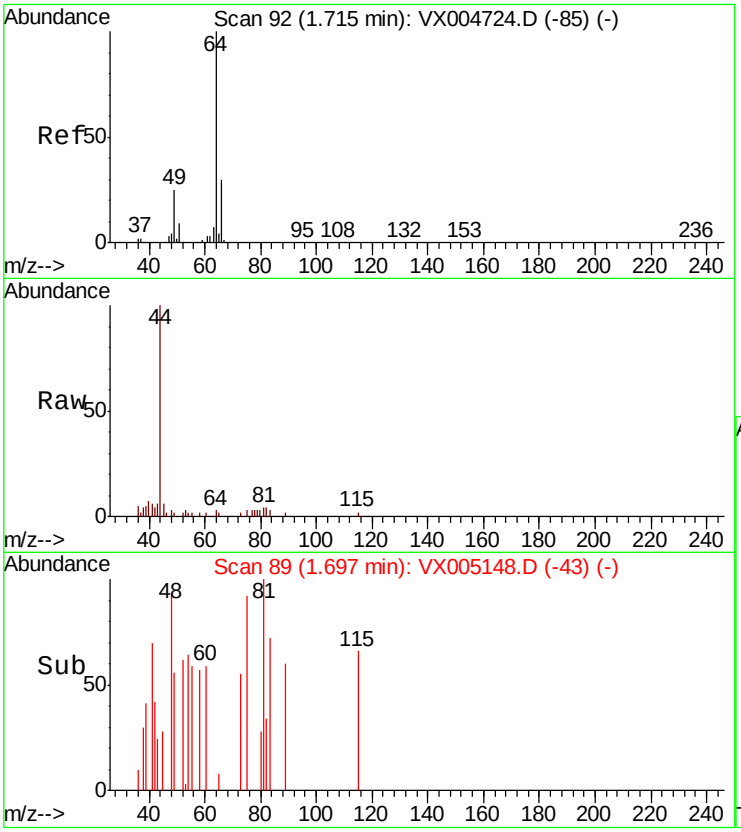


#5
Bromomethane
Concen: 0.396 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion: 94 Resp: 725

Ion	Ratio	Lower	Upper
94	100		
96	93.8	79.5	119.3



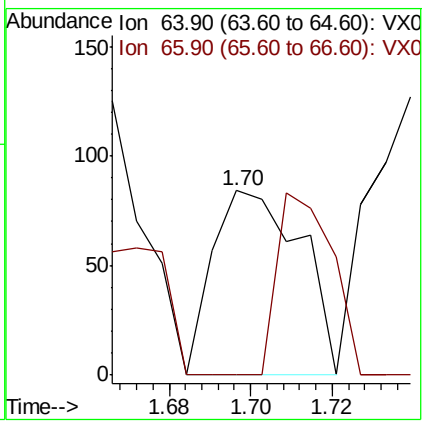


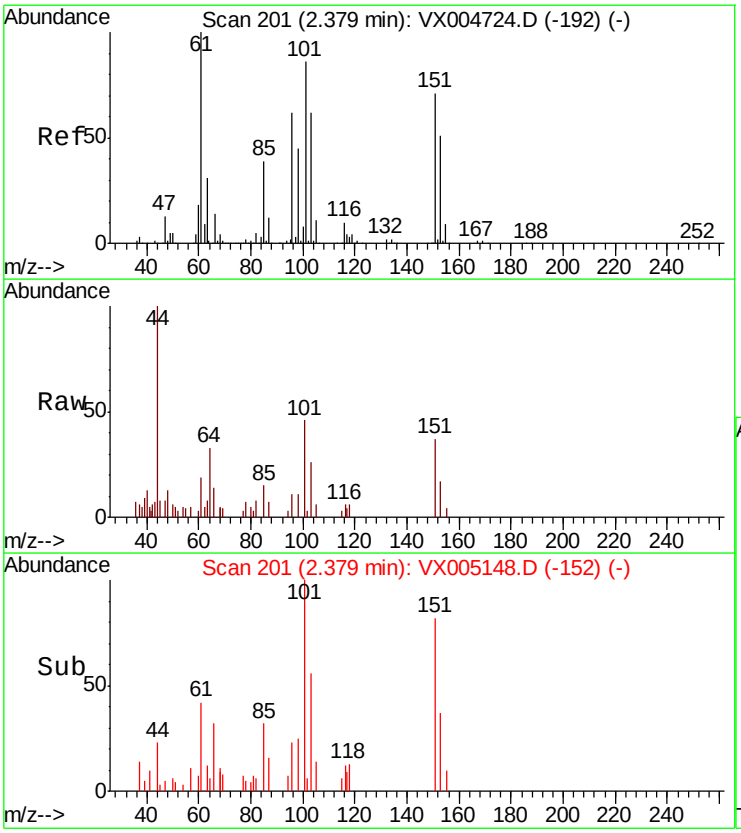
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 89
Delta R.T. -0.02 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion: 64 Resp: 127

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#

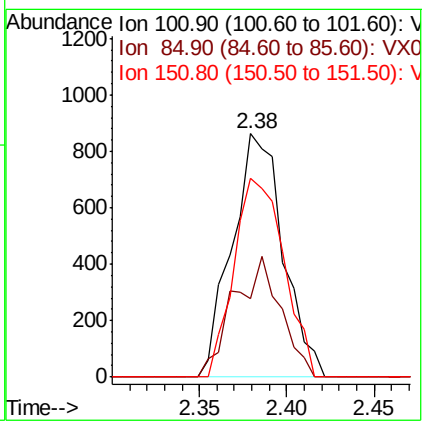


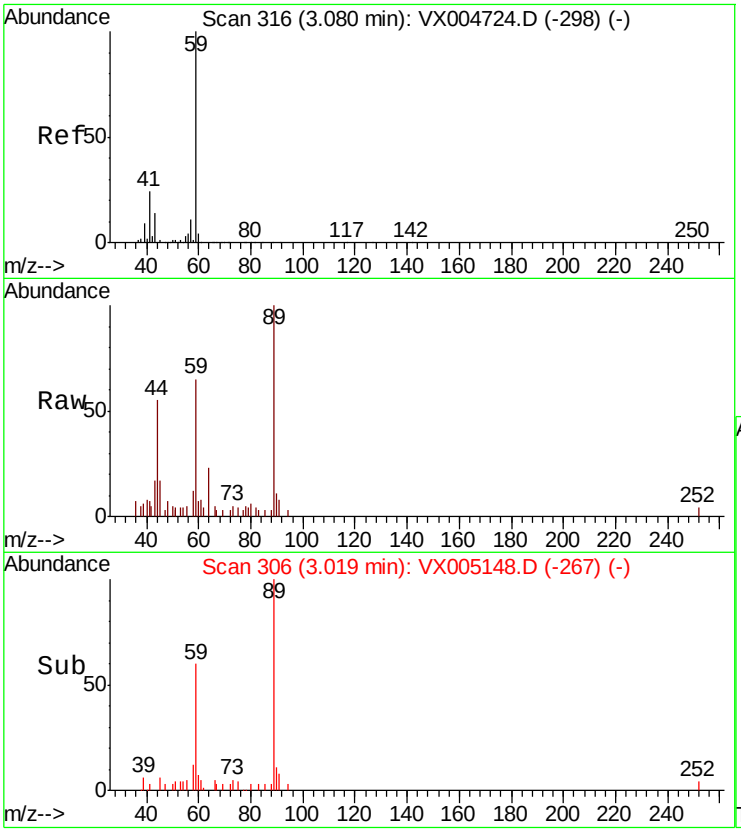


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.804 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion:101 Resp: 1750

Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.9	53.9
151	79.9	66.6	100.0



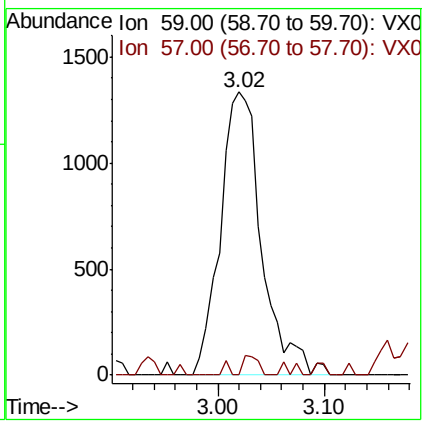


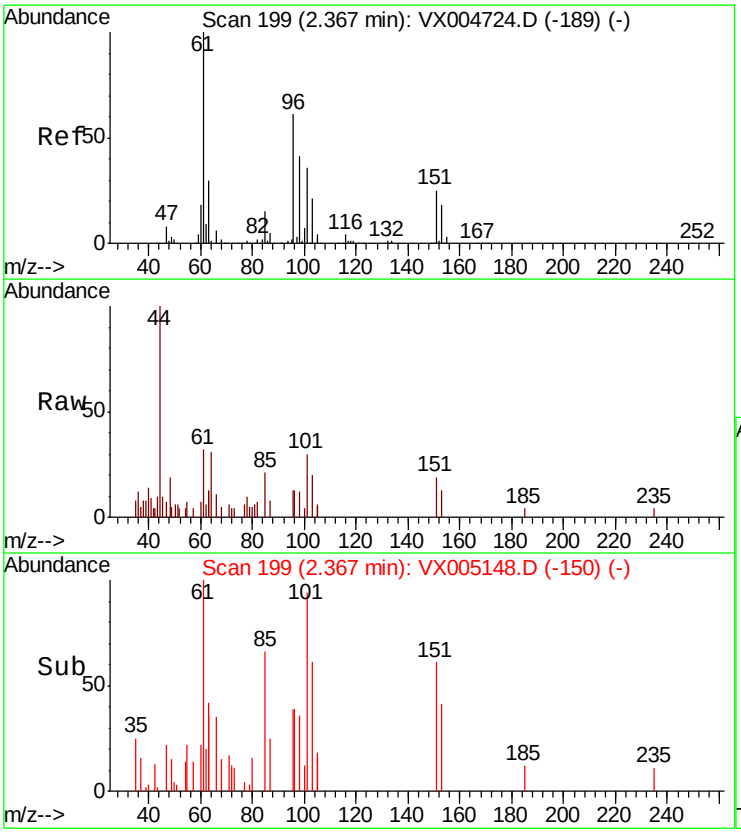
#11
Tert butyl alcohol
Concen: 4.553 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion: 59 Resp: 3618

Ion	Ratio	Lower	Upper
59	100		
57	2.5	8.6	12.8#

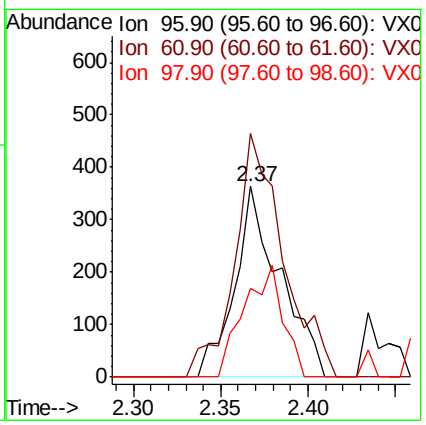


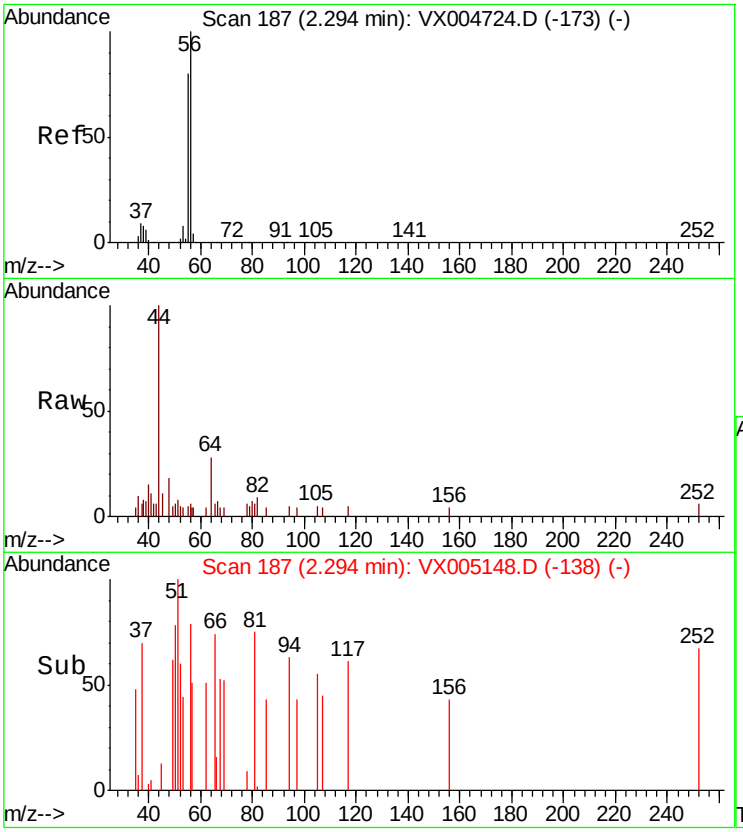


#12
1,1-Dichloroethene
Concen: 0.304 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion: 96 Resp: 656

Ion	Ratio	Lower	Upper
96	100		
61	127.5	130.2	195.4#
98	46.4	53.4	80.0#



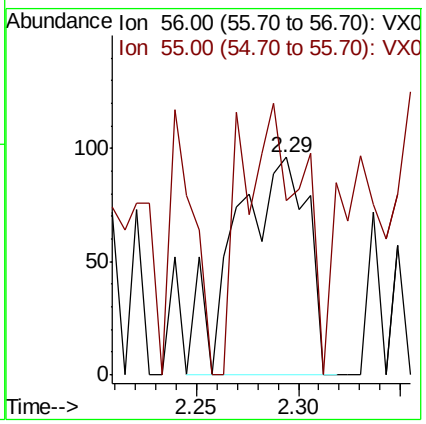


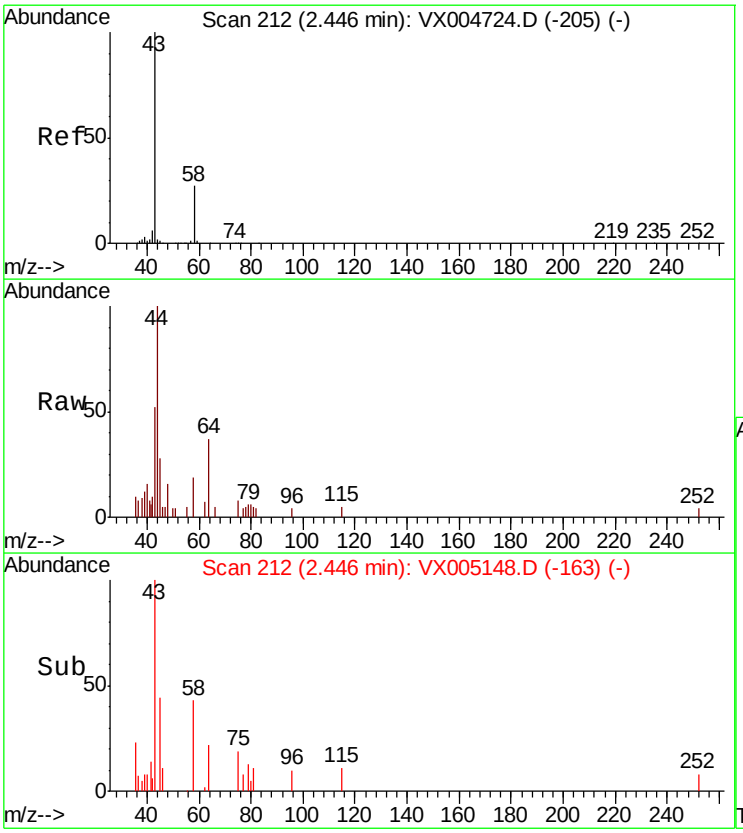
#13
Acrolein
Concen: 0.423 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion: 56 Resp: 239

Ion	Ratio	Lower	Upper
56	100		
55	101.3	63.4	95.2#

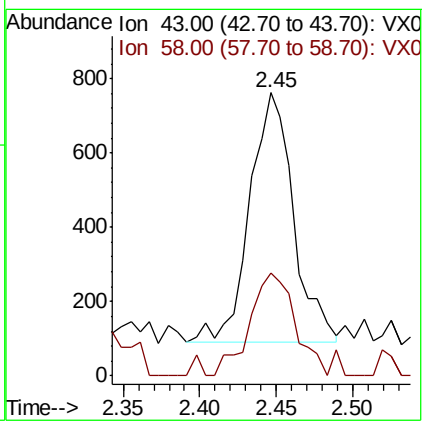


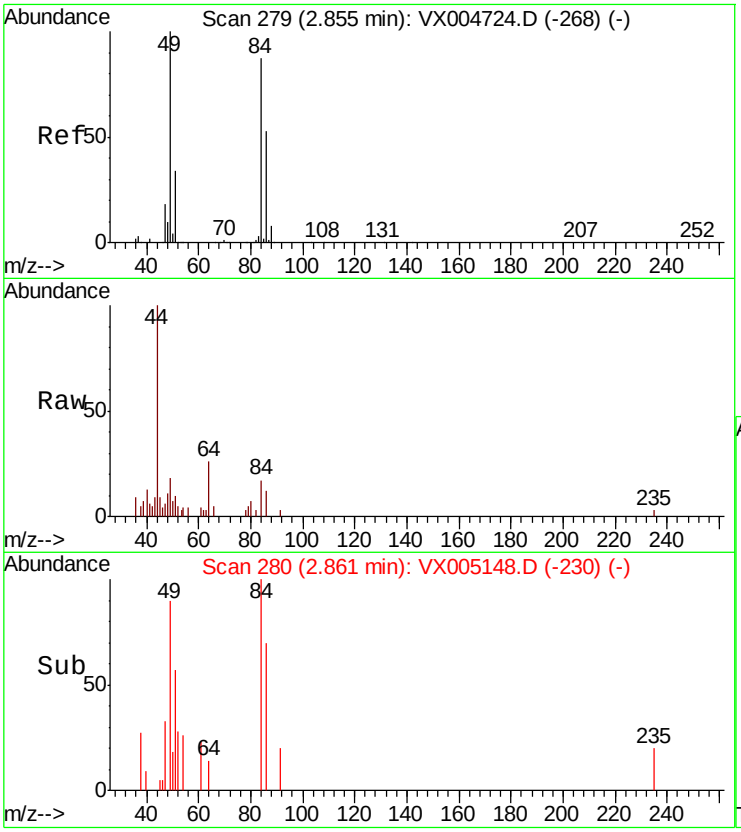


#16
Acetone
Concen: 0.808 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion: 43 Resp: 1341

Ion	Ratio	Lower	Upper
43	100		
58	41.4	21.8	32.6#



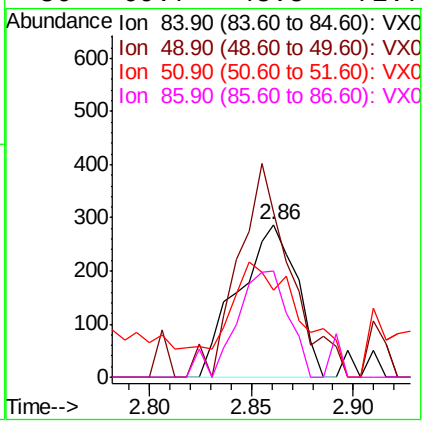


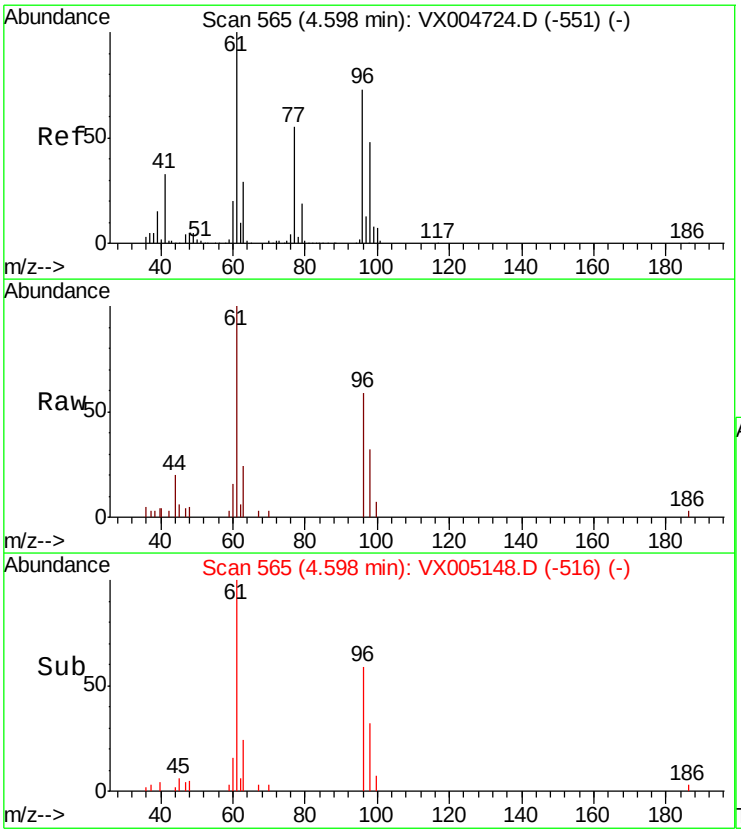
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument : MSVOA_X
ClientSampleId : RE-131D1-20180927DL

Tgt Ion: 84 Resp: 573

Ion	Ratio	Lower	Upper
84	100		
49	108.4	92.3	138.5
51	37.6	31.8	47.6
86	69.7	48.5	72.7

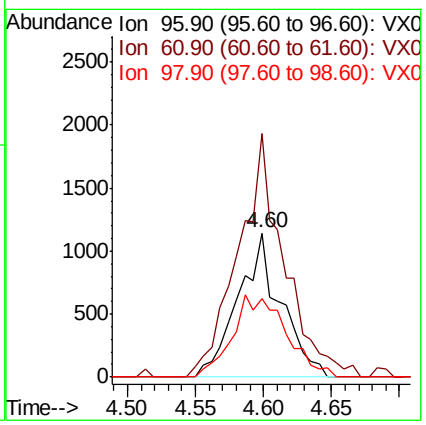


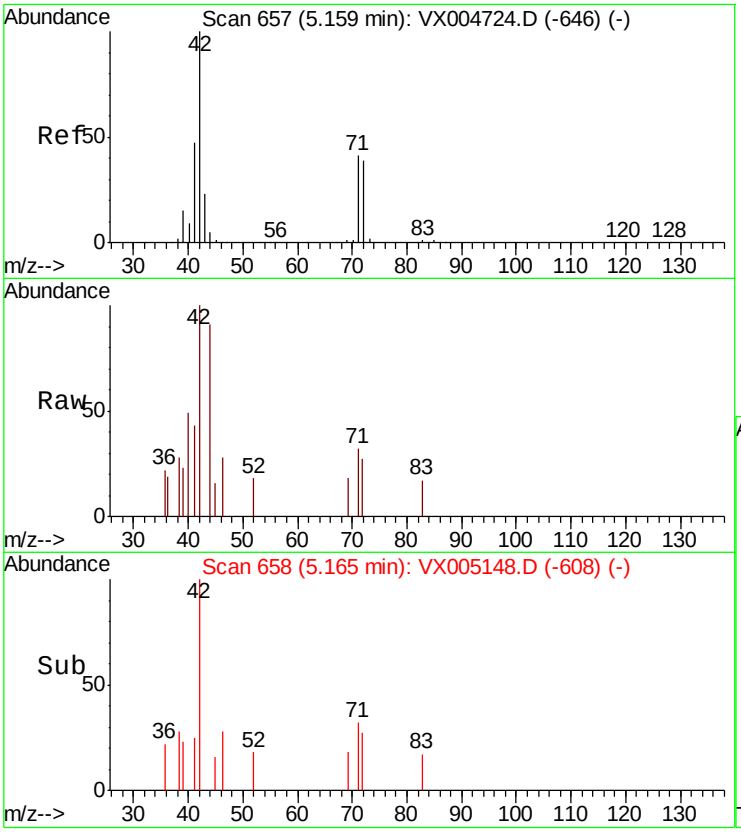


#27
cis-1,2-Dichloroethene
Concen: 0.948 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion: 96 Resp: 2500

Ion	Ratio	Lower	Upper
96	100		
61	181.4	0.0	285.8
98	71.2	0.0	136.2



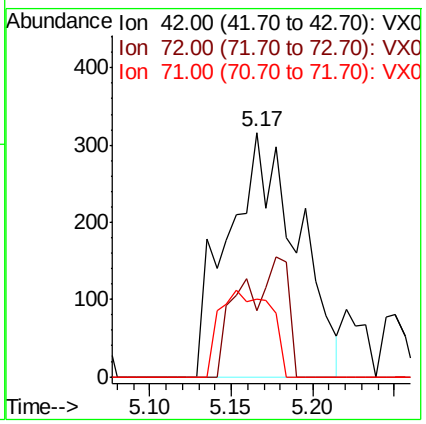


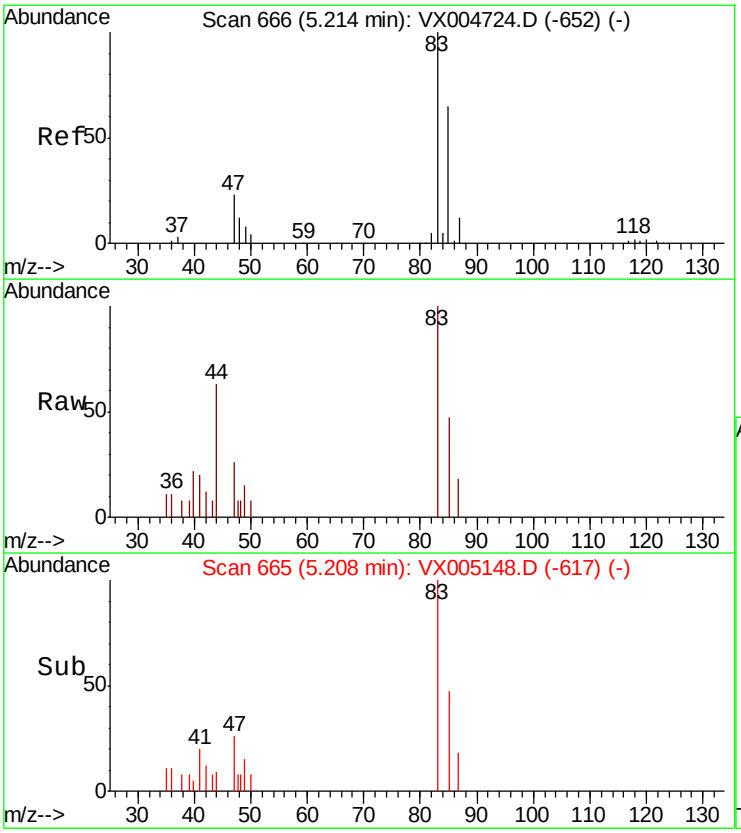
#29
Tetrahydrofuran
Concen: 0.617 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion: 42 Resp: 938

Ion	Ratio	Lower	Upper
42	100		
72	16.0	33.7	50.5#
71	26.2	32.2	48.4#

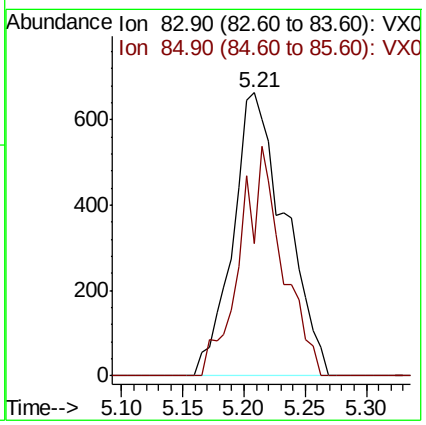


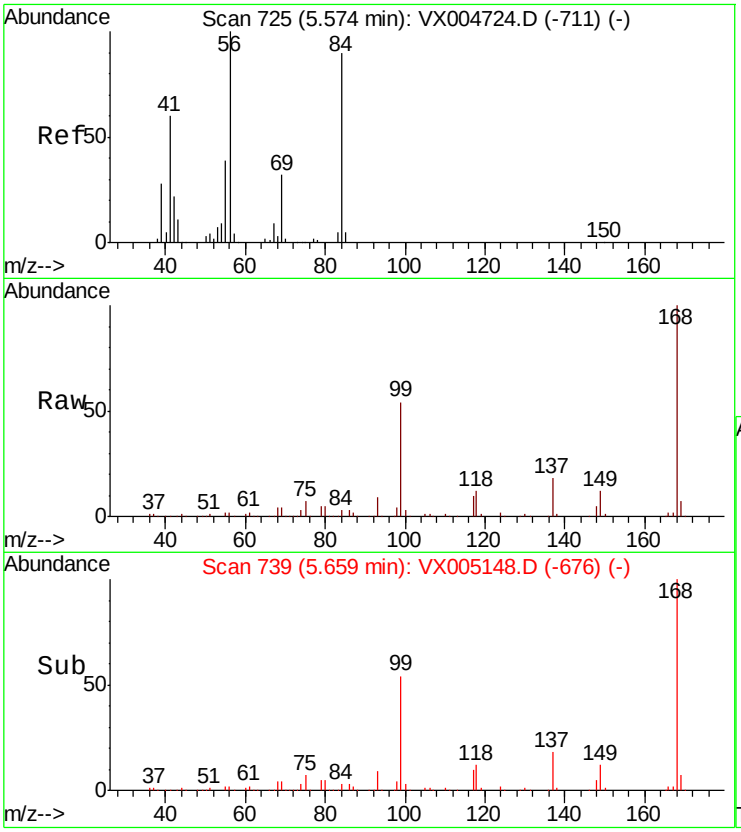


#30
Chloroform
Concen: 0.441 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion: 83 Resp: 1970

Ion	Ratio	Lower	Upper
83	100		
85	46.8	52.4	78.6#



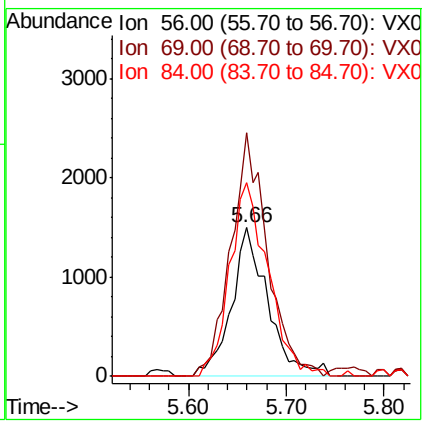


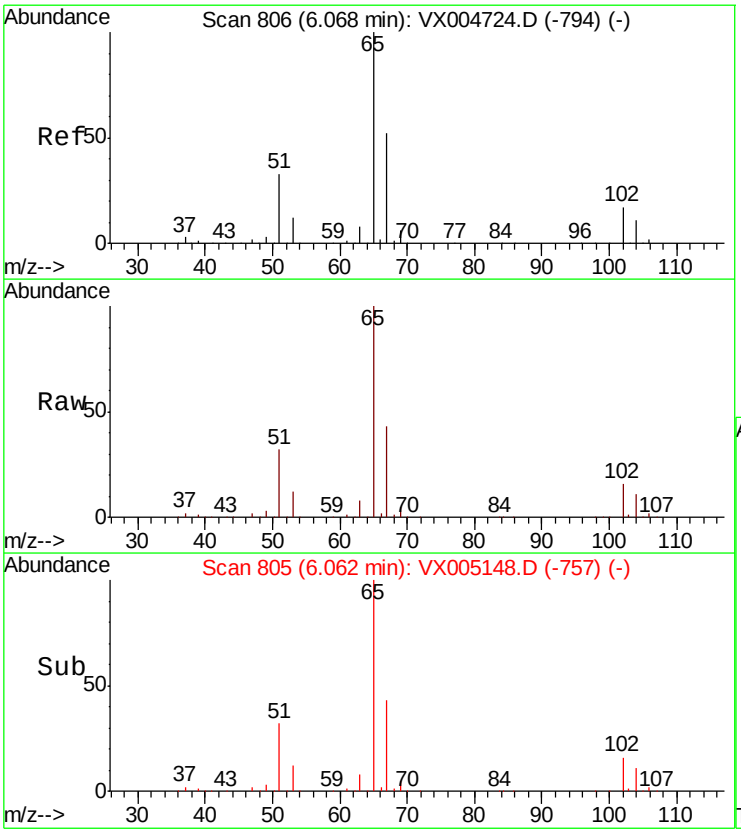
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument : MSVOA_X
ClientSampleId : RE-131D1-20180927DL

Tgt Ion: 56 Resp: 3854

Ion	Ratio	Lower	Upper
56	100		
69	163.6	25.9	38.9#
84	130.4	71.9	107.9#

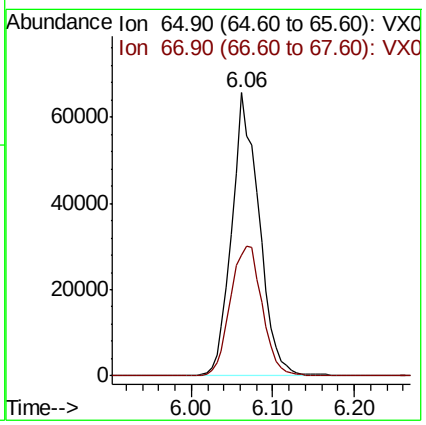


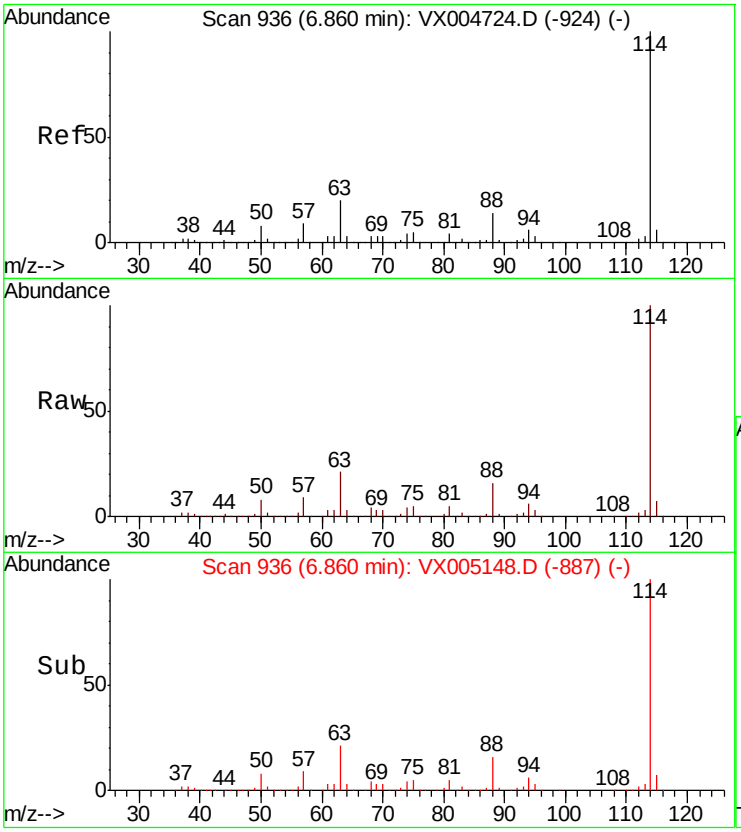


#33
1,2-Dichloroethane-d4
Concen: 53.584 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion: 65 Resp: 152274

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.4



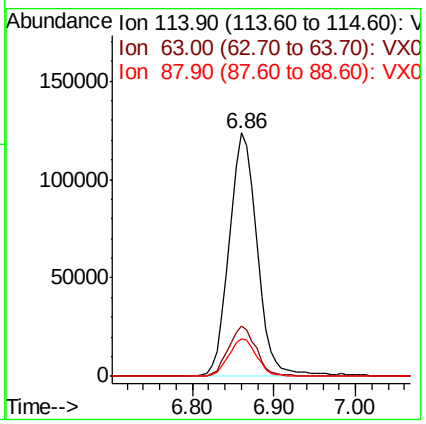


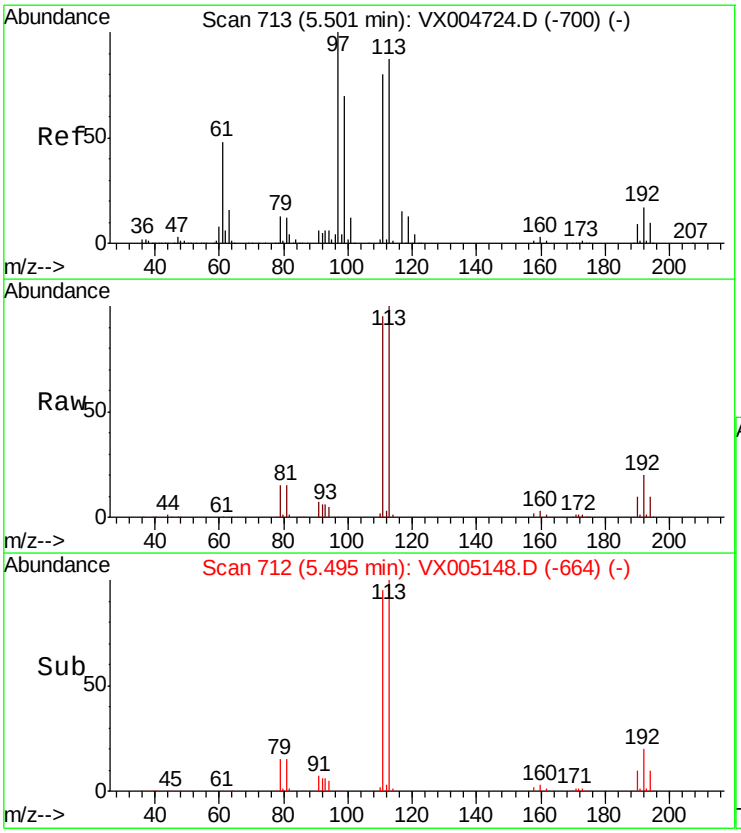
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion:114 Resp: 292969

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.8
88	15.6	0.0	27.0

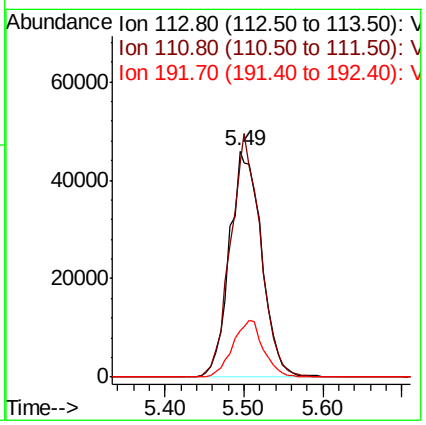


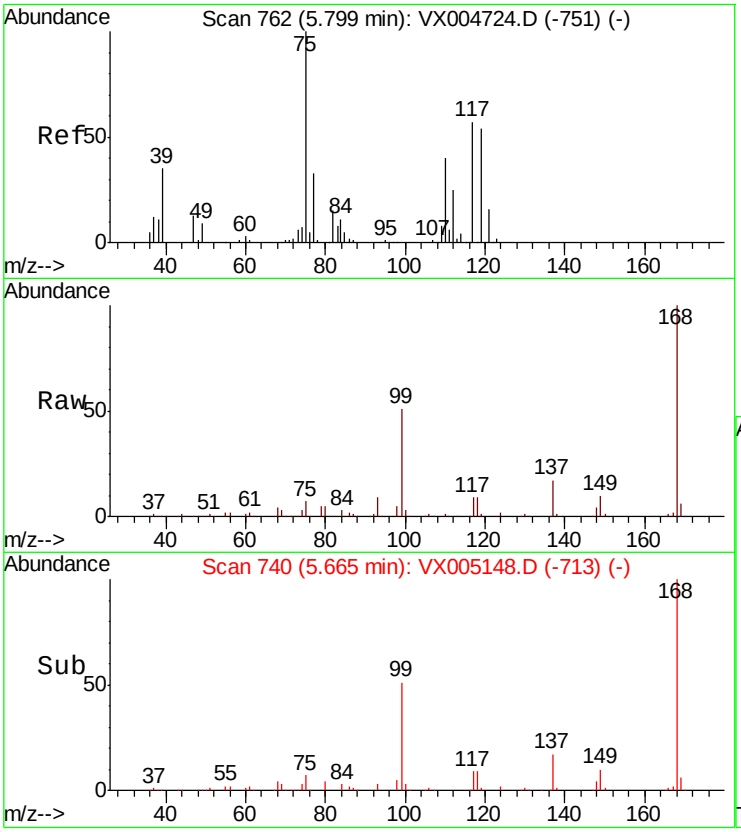


#35
Dibromofluoromethane
Concen: 52.196 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion:113 Resp: 129599

Ion	Ratio	Lower	Upper
113	100		
111	100.9	77.0	115.4
192	24.0	17.0	25.6



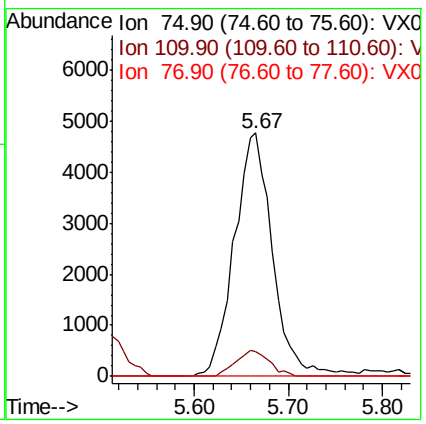


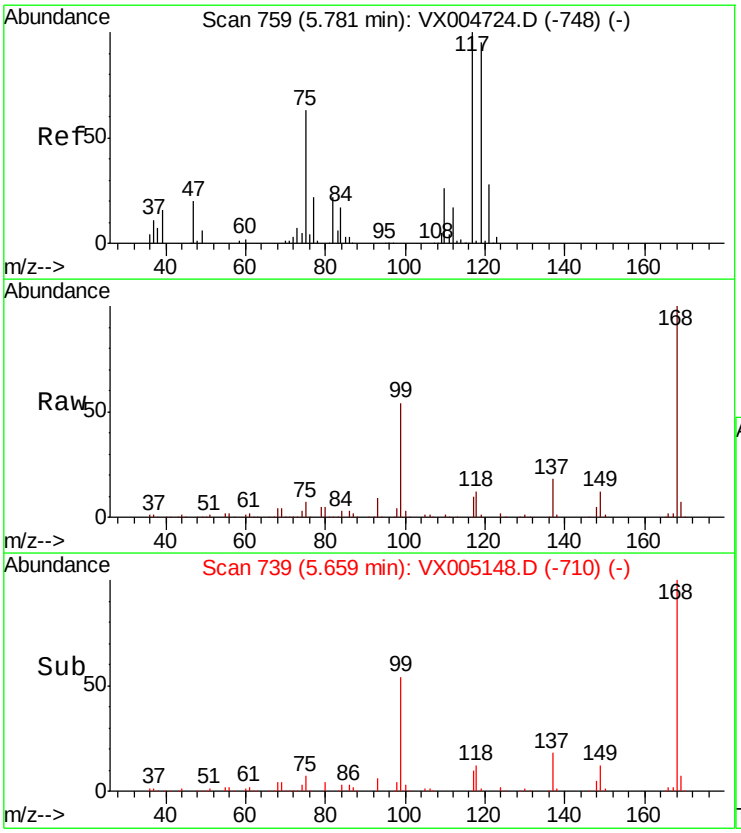
#36
1,1-Dichloropropene
Concen: 3.974 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion: 75 Resp: 13463

Ion	Ratio	Lower	Upper
75	100		
110	9.5	20.0	59.9#
77	0.0	27.1	40.7#

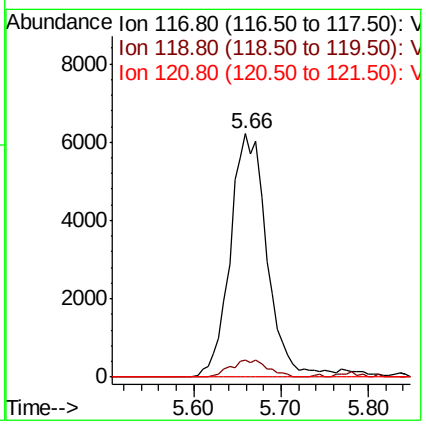


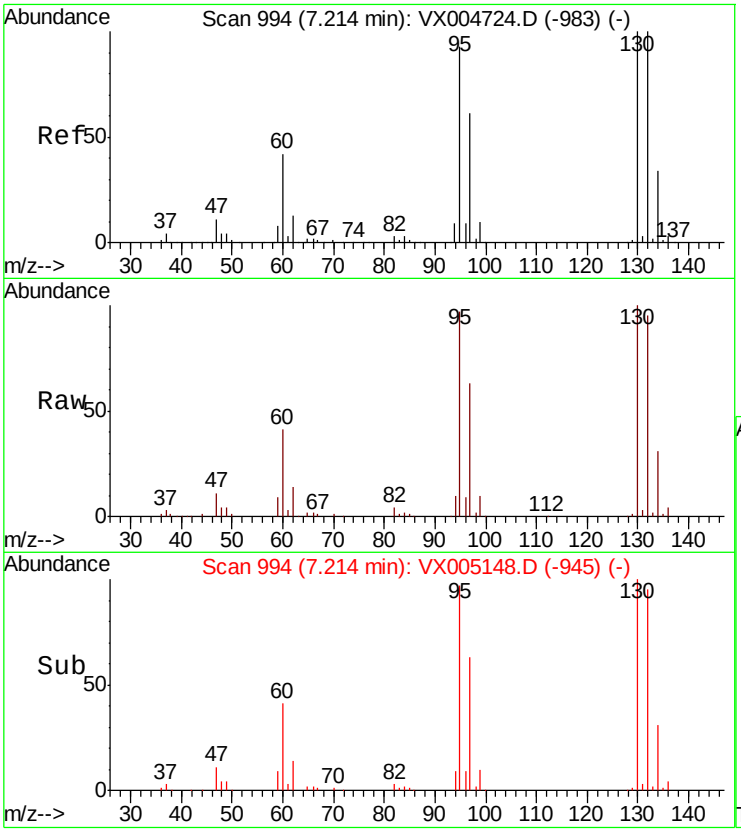


#38
Carbon Tetrachloride
Concen: 5.086 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion:117 Resp: 18113

Ion	Ratio	Lower	Upper
117	100		
119	6.8	75.2	112.8#
121	0.0	22.5	33.7#



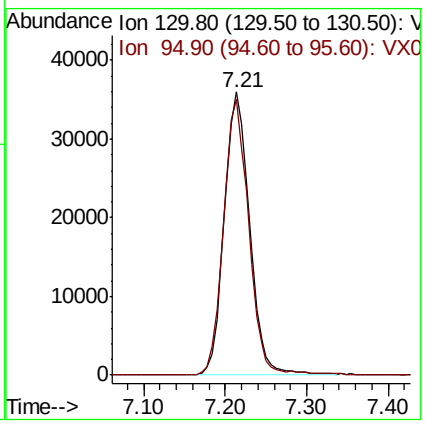


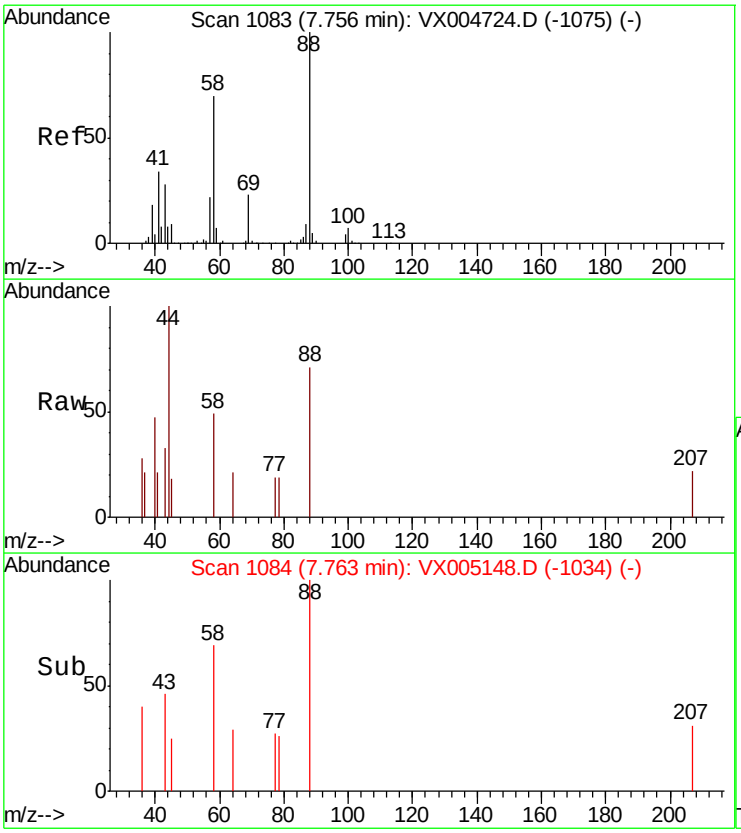
#44
Trichloroethene
Concen: 29.659 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion:130 Resp: 77328

Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	186.8

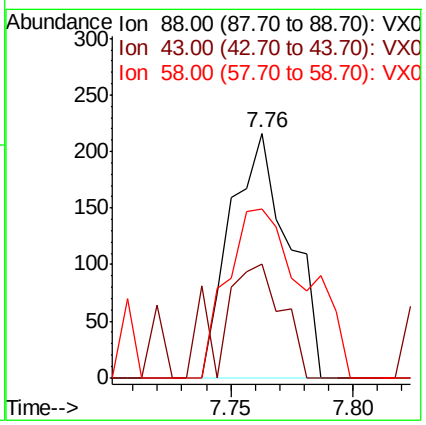


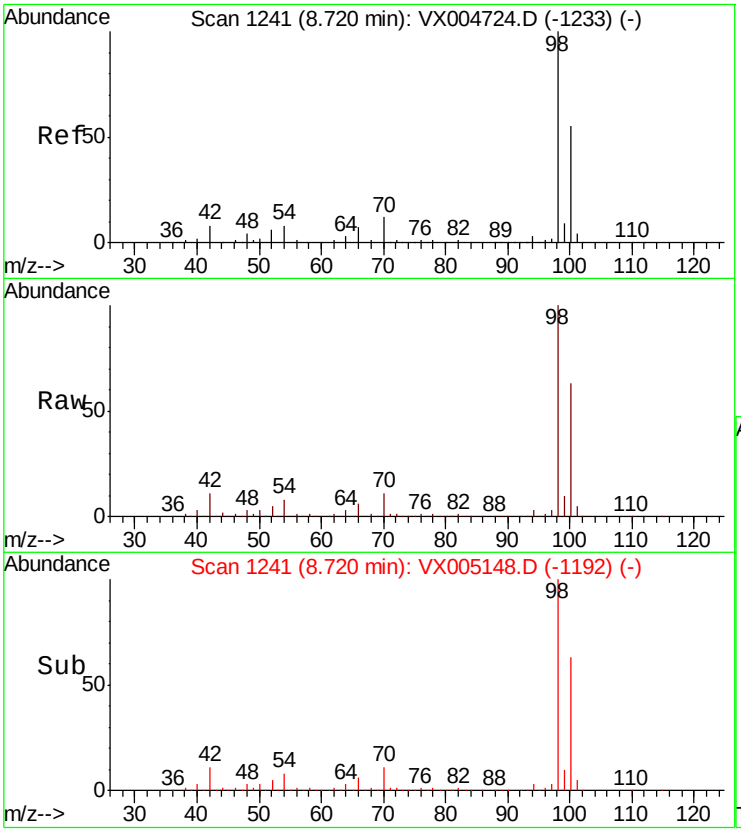


#49
1,4-Dioxane
Concen: 4.892 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion: 88 Resp: 358

Ion	Ratio	Lower	Upper
88	100		
43	48.6	25.1	37.7#
58	93.0	56.2	84.2#



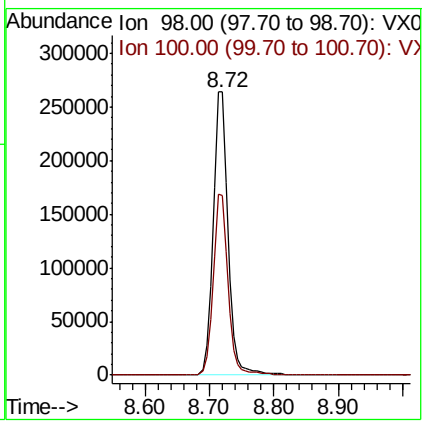


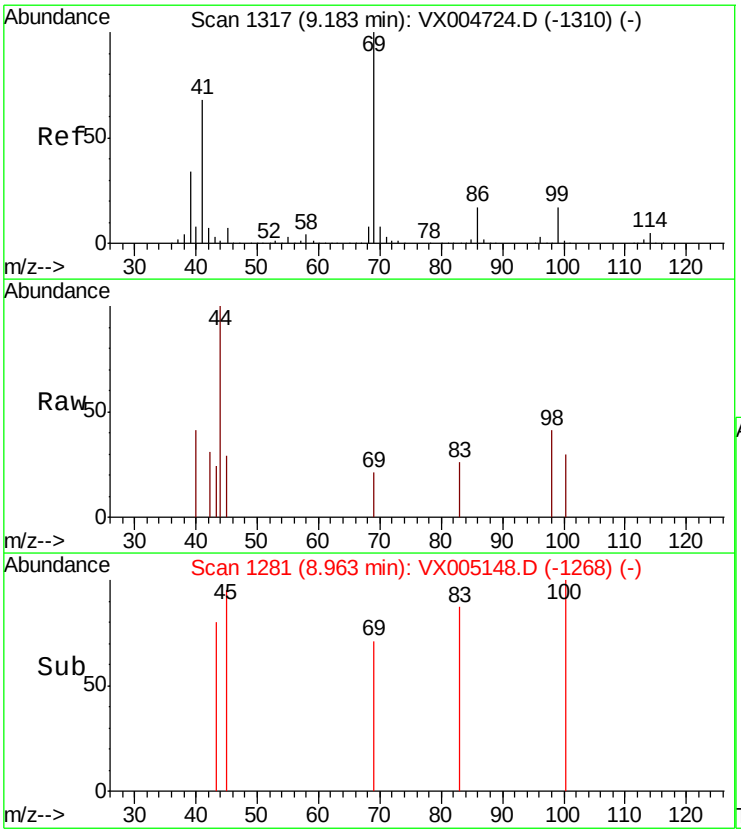
#50
Toluene-d8
Concen: 52.444 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion: 98 Resp: 432899

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.9	77.9

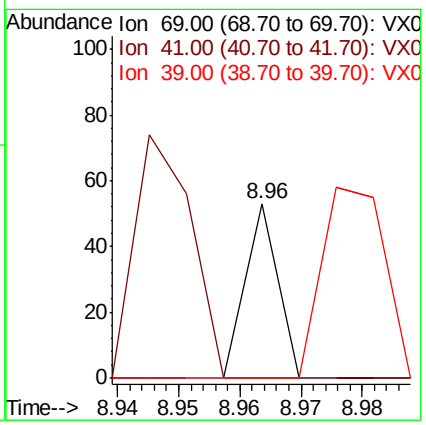


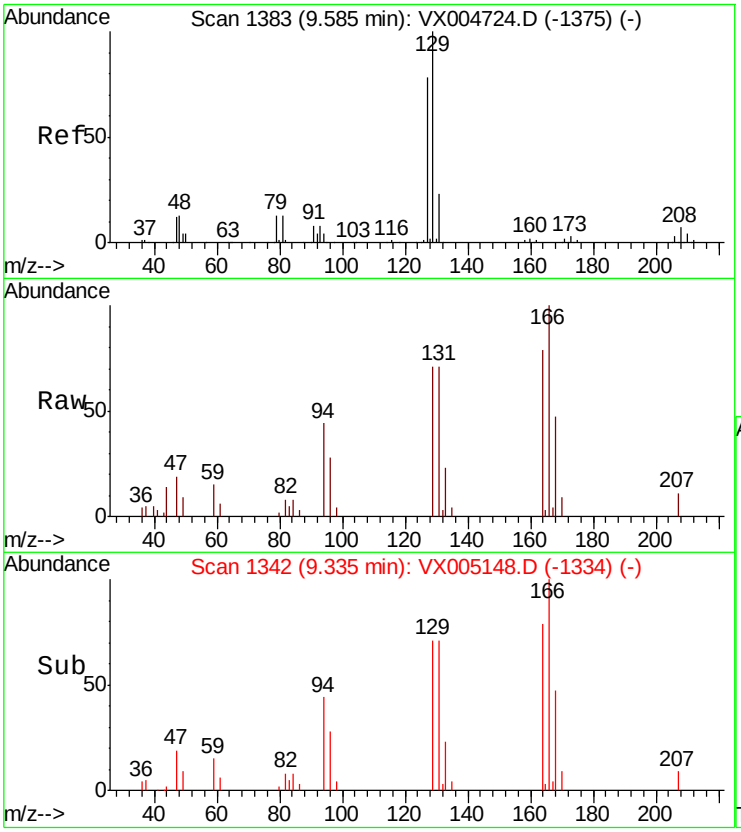


#56
Ethyl methacrylate
Concen: 2.866 ug/l
RT: 8.96 min Scan# 1281
Delta R.T. -0.22 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion: 69 Resp: 19

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.9	85.3#
39	315.8	28.4	42.6#



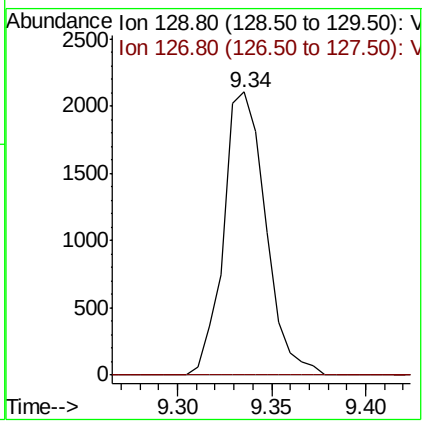


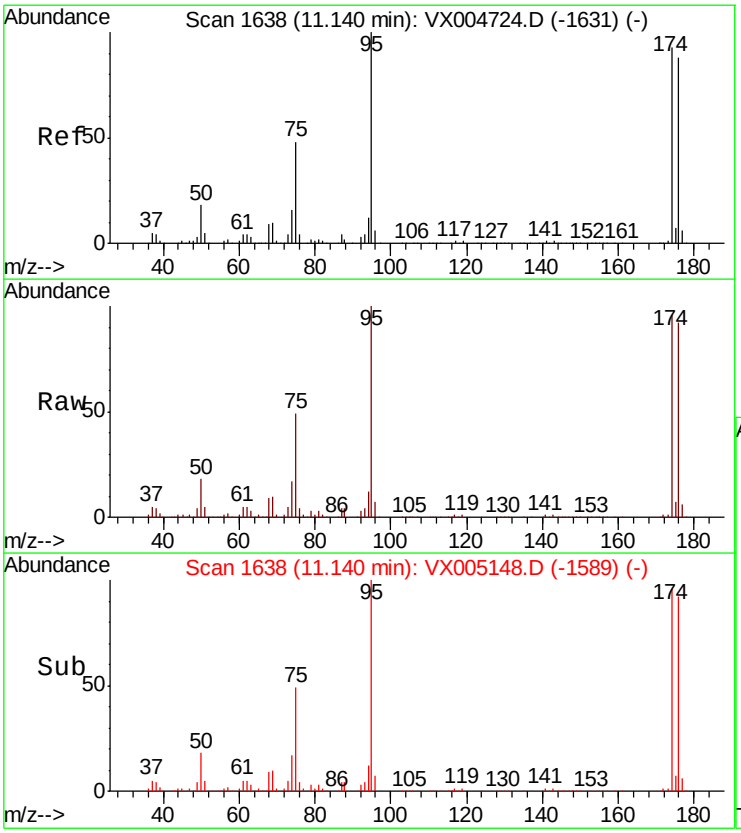
#60
Dibromochloromethane
Concen: 1.273 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion:129 Resp: 3251

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#

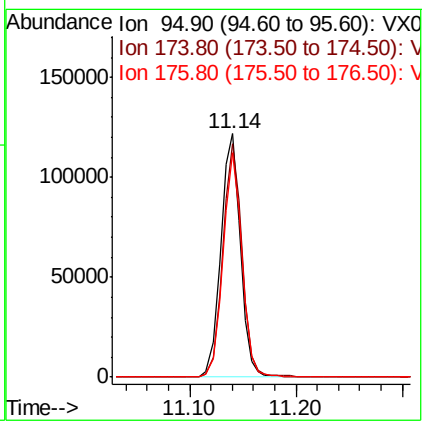


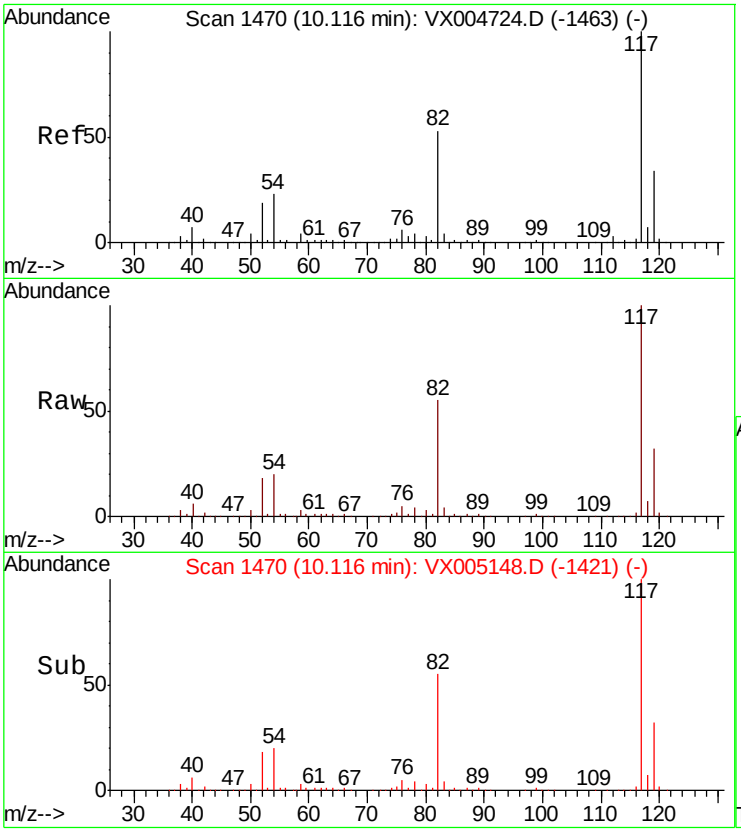


#62
4-Bromofluorobenzene
Concen: 52.661 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion: 95 Resp: 156602

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	185.0
176	89.6	0.0	180.2



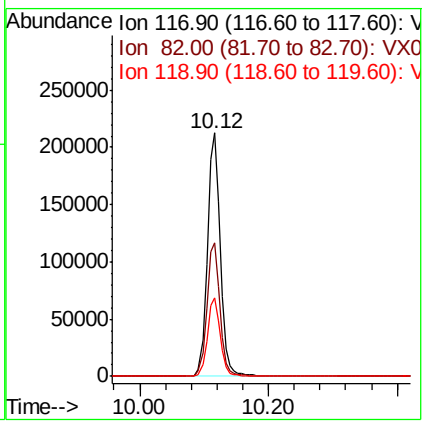


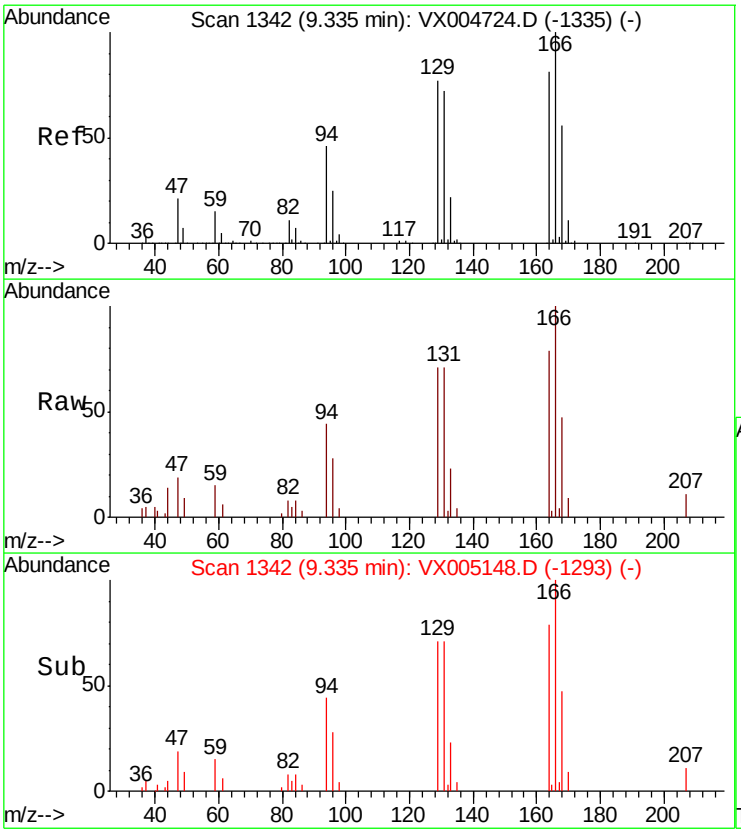
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion:117 Resp: 297101

Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.2	63.4
119	32.1	27.4	41.0

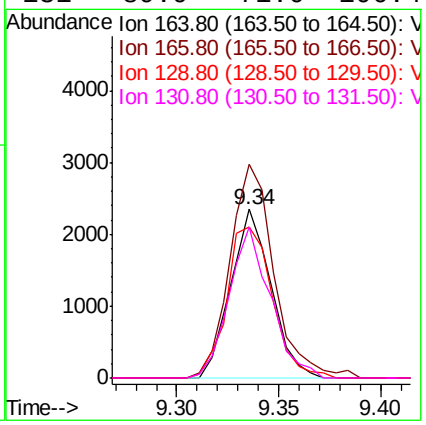


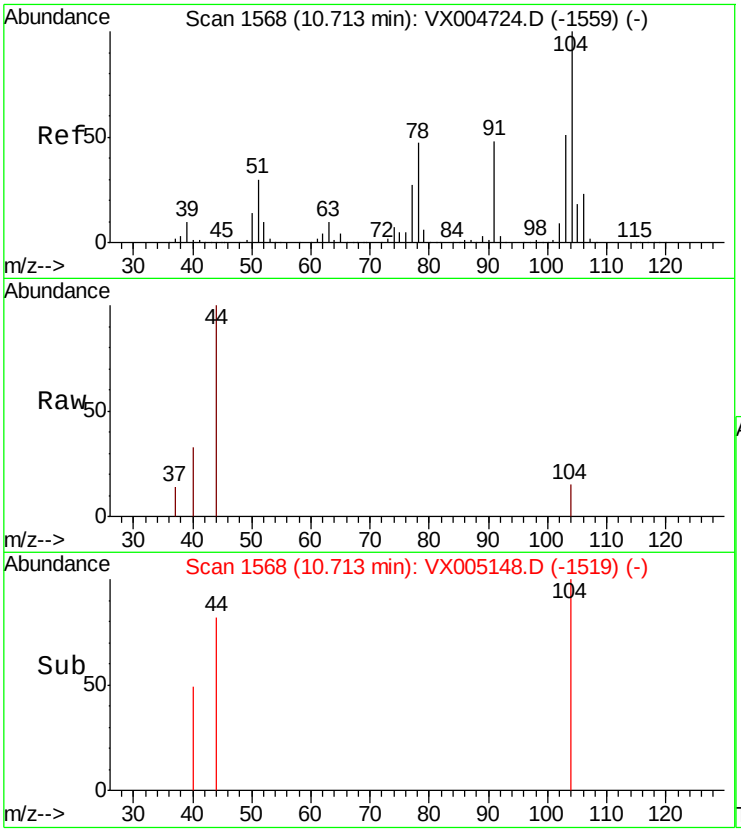


#64
Tetrachloroethene
Concen: 1.103 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion:164 Resp: 3224

Ion	Ratio	Lower	Upper
164	100		
166	126.8	98.4	147.6
129	89.8	76.1	114.1
131	89.9	71.0	106.4



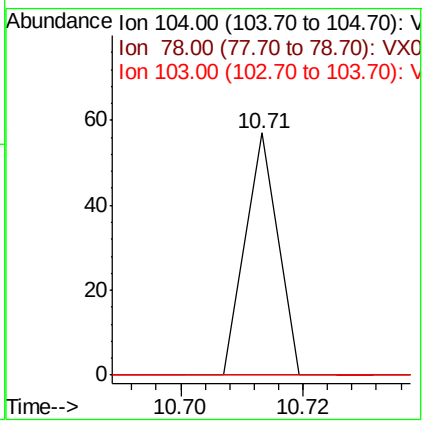


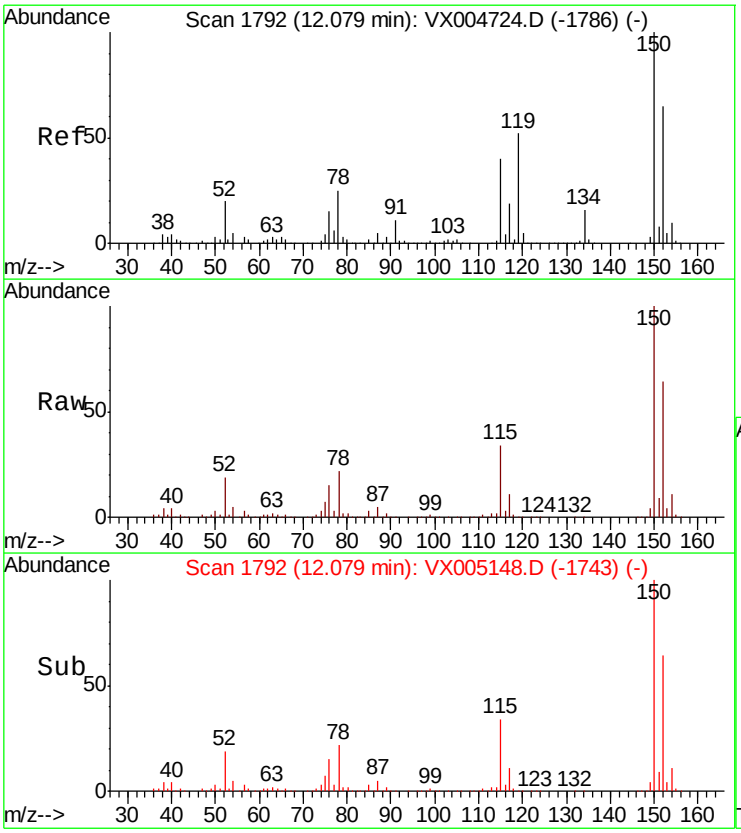
#70
Stvrene
Concen: 2.143 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion:104 Resp: 21

Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.0	60.0#
103	0.0	44.3	66.5#

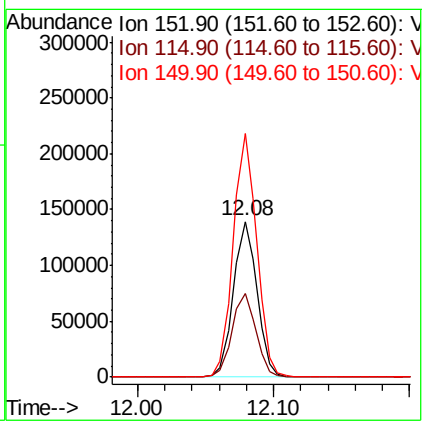


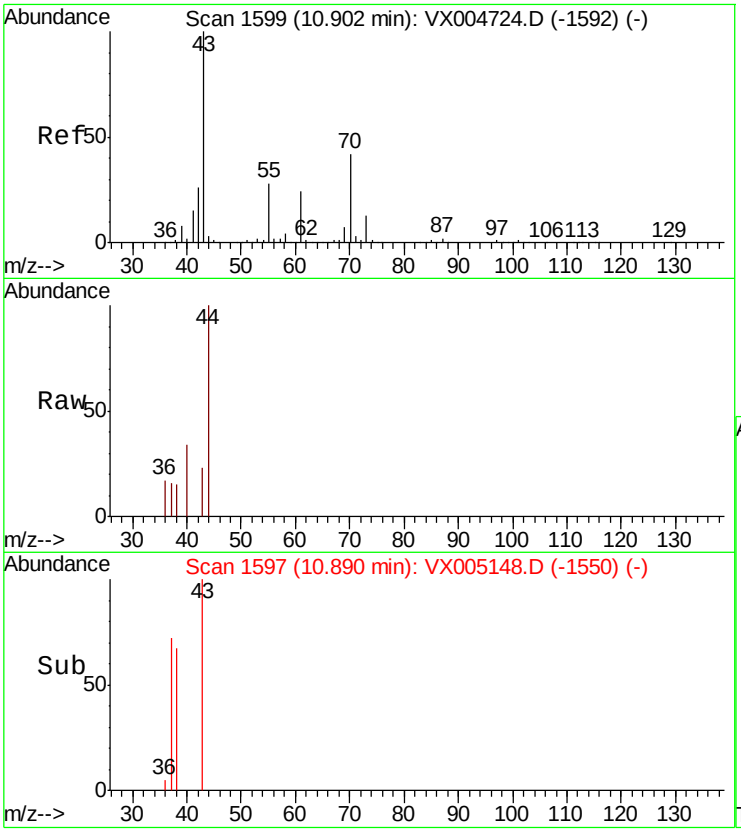


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion:152 Resp: 168174

Ion	Ratio	Lower	Upper
152	100		
115	54.7	40.2	120.6
150	156.0	0.0	351.0



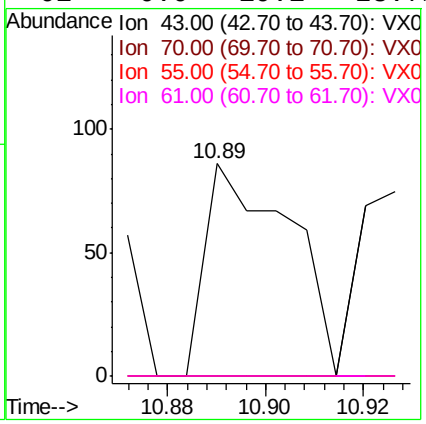


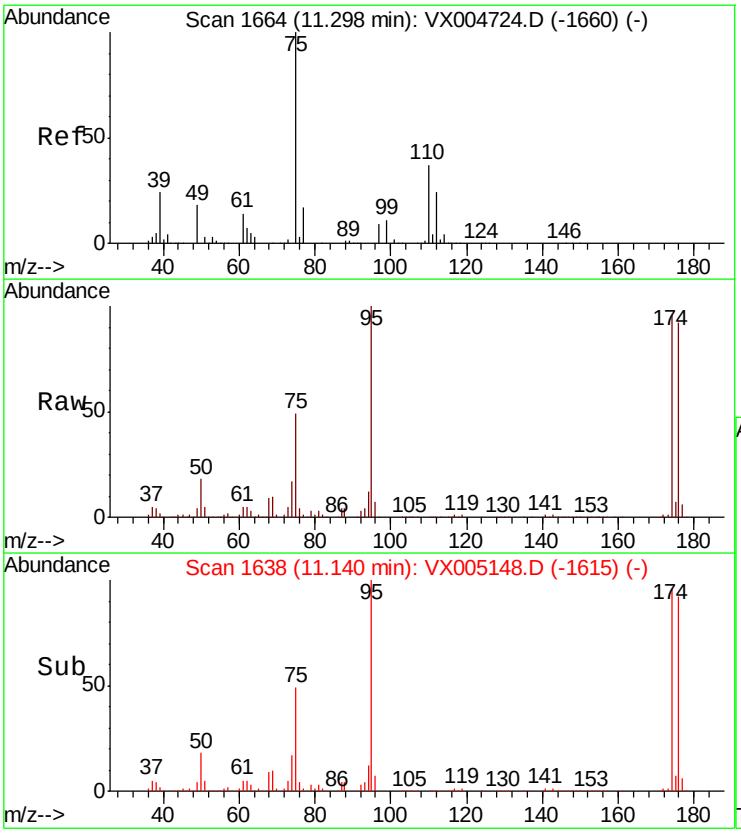
#74
N-amyl acetate
Concen: 1.765 ug/l
RT: 10.89 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument : MSVOA_X
ClientSampleId : RE-131D1-20180927DL

Tgt Ion: 43 Resp: 102

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

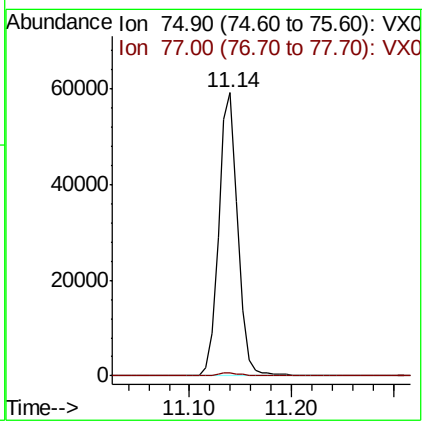


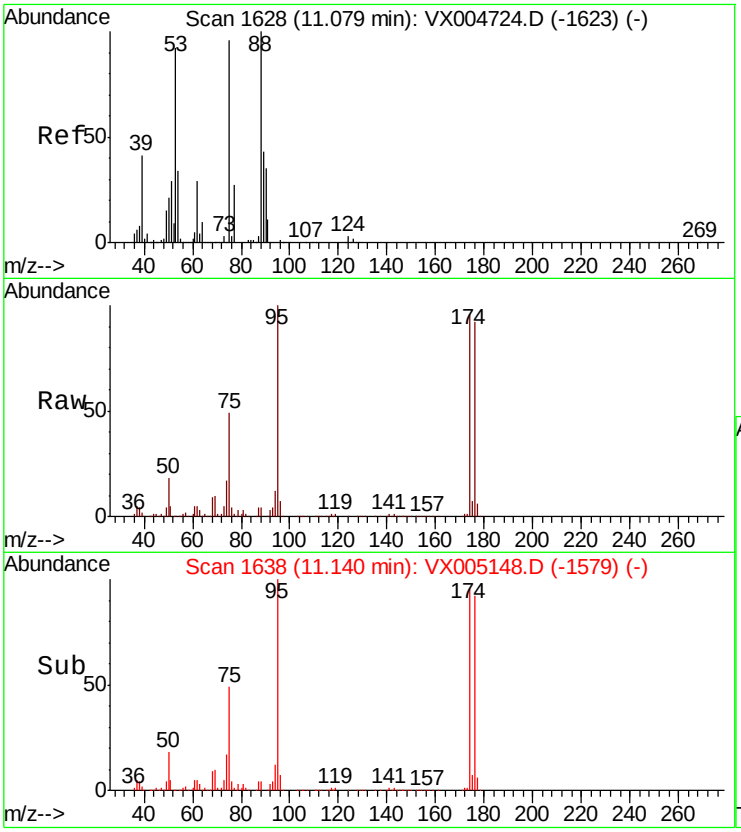


#76
1,2,3-Trichloropropane
Concen: 20.420 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion: 75 Resp: 76970

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.3#



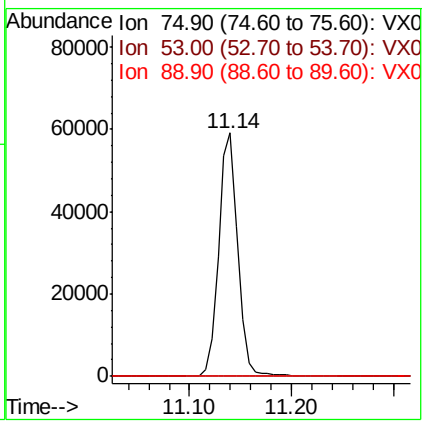


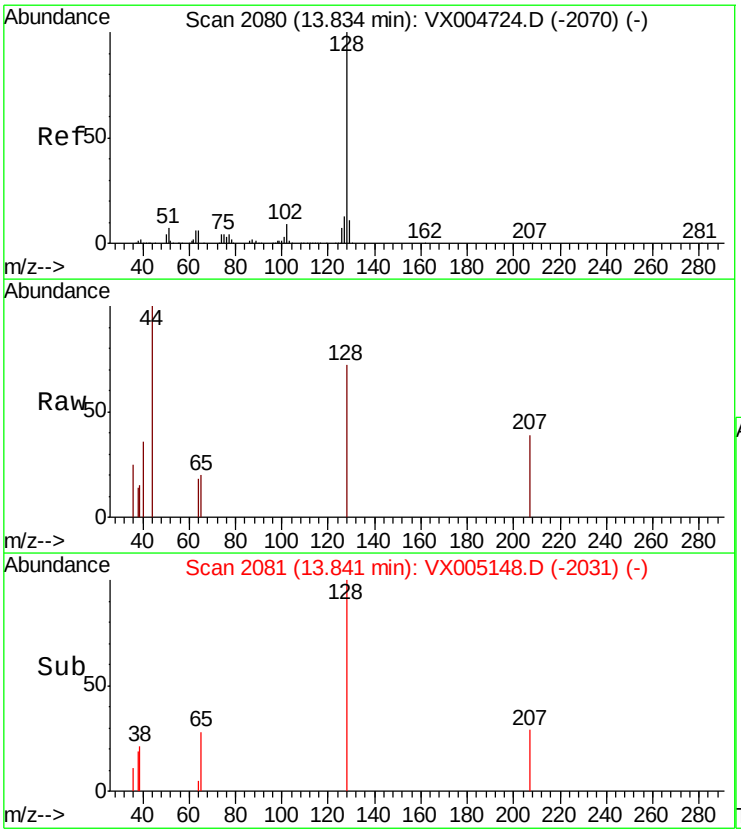
#81
trans-1,4-Dichloro-2-butene
Concen: 55.466 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE-131D1-20180927DL

Tgt Ion: 75 Resp: 76970

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.742 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX005148.D
Acq: 09 Oct 2018 01:23

Tgt Ion:128 Resp: 317

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#