Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071918\
Data File : VX003480.D
Acq On : 19 Jul 2018 23:14
Operator : JC/SP
Sample : J3170-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D-071018

Quant Time: Jul 20 04:03:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	299042	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	444868	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	411059	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224177	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	180933	51.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.22%				
35) Dibromofluoromethane	5.51	113	170621	50.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.70%				
50) Toluene-d8	8.72	98	623168	48.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.86%				
62) 4-Bromofluorobenzene	11.14	95	213615	45.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	5015	1.41	ug/l		94
3) Chloromethane	1.33	50	916	Below Cal			92
5) Bromomethane	1.61	94	95	Below Cal		#	3
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42419	12.79	ug/l		98
10) Methyl Iodide	2.53	142	1824	0.46	ug/l		94
12) 1,1-Dichloroethene	2.37	96	9671	3.17	ug/l		93
13) Acrolein	2.30	56	158	0.50	ug/l	#	80
16) Acetone	2.45	43	2506	1.87	ug/l		100
19) Methyl tert-butyl Ether	3.21	73	2368	0.24	ug/l	#	80
20) Methylene Chloride	2.86	84	835	Below Cal			87
24) 1,1-Dichloroethane	3.70	63	5694	0.95	ug/l		95
27) cis-1,2-Dichloroethene	4.60	96	13476	3.56	ug/l		51
30) Chloroform	5.21	83	3356	0.58	ug/l		97
32) 1,1,1-Trichloroethane	5.51	97	1402	0.28	ug/l	#	49
36) 1,1-Dichloropropene	5.67	75	18809	3.92	ug/l	#	49
38) Carbon Tetrachloride	5.79	117	1126	0.24	ug/l		85
42) 1,2-Dichloroethane	6.20	62	1357	0.30	ug/l		97
44) Trichloroethene	7.21	130	316868	73.27	ug/l		100
49) 1,4-Dioxane	7.76	88	1651	19.99	ug/l		93
55) 1,1,2-Trichloroethane	9.22	97	945	0.26	ug/l		94
76) 1,2,3-Trichloropropane	11.14	75	100423	24.94	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	100423	69.83	ug/l	#	6

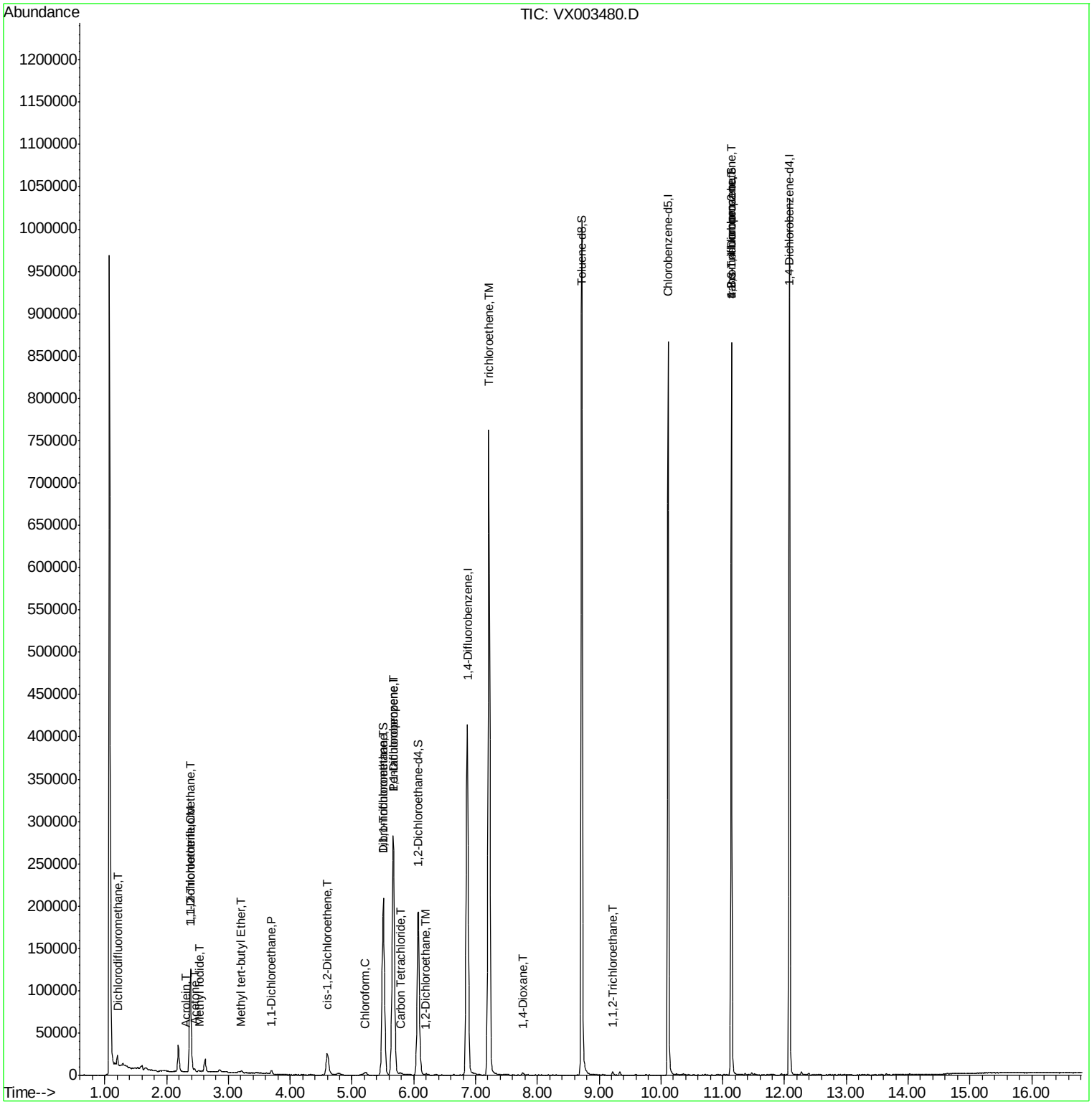
(#) = qualifier out of range (m) = manual integration (+) = signals summed

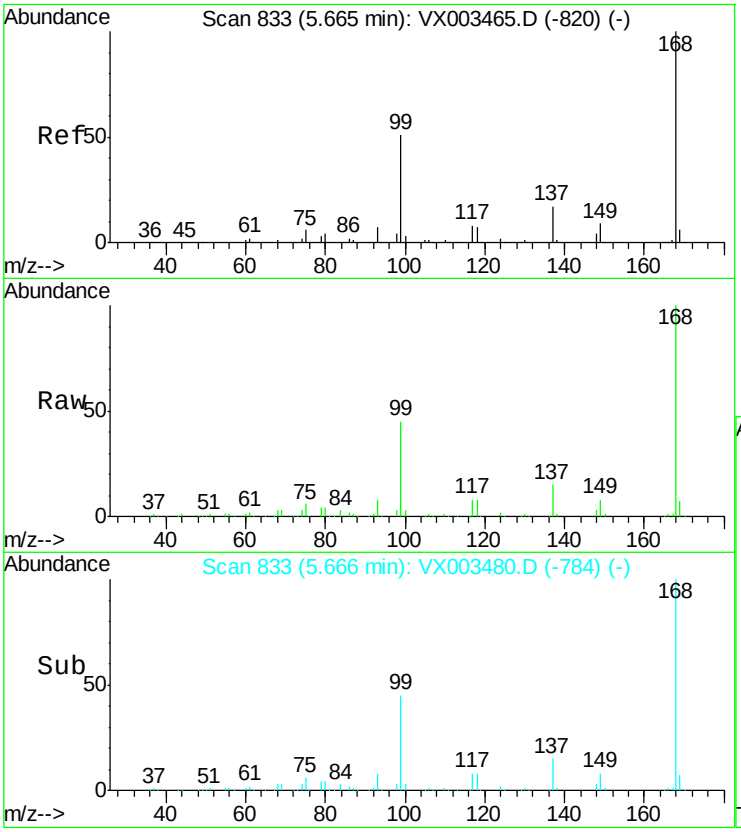
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
Data File : VX003480.D
Acq On : 19 Jul 2018 23:14
Operator : JC/SP
Sample : J3170-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D-071018

Quant Time: Jul 20 04:03:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration



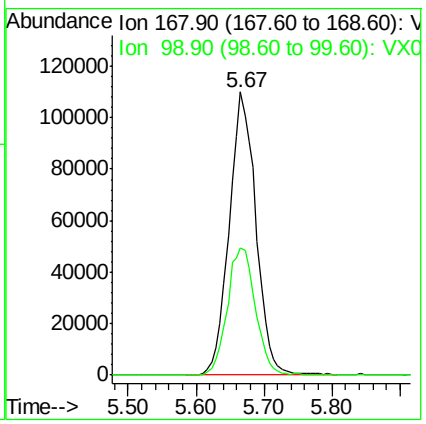


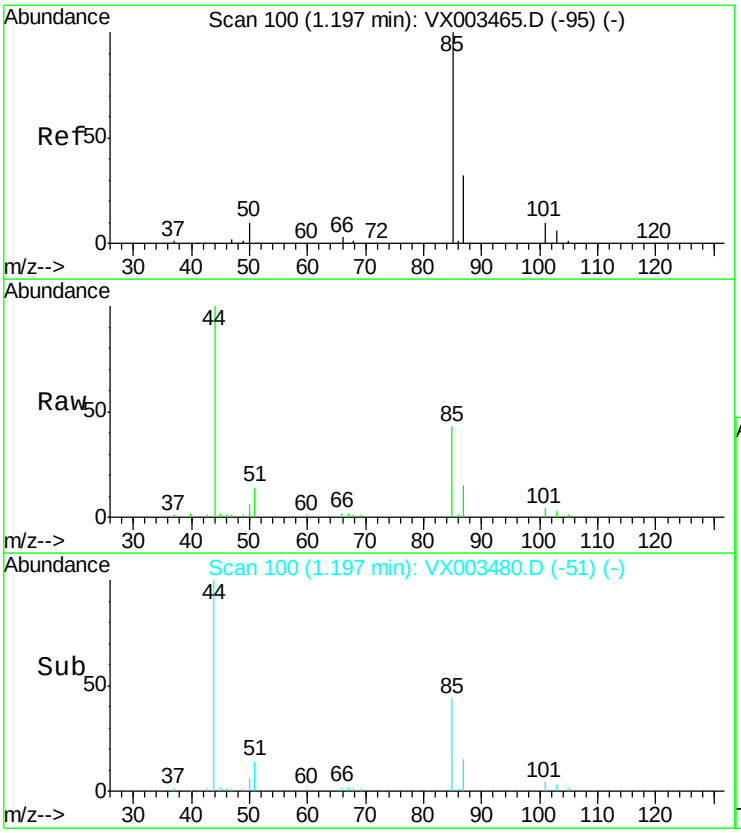
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

Tgt Ion:168 Resp: 299042

Ion	Ratio	Lower	Upper
168	100		
99	44.9	39.3	58.9

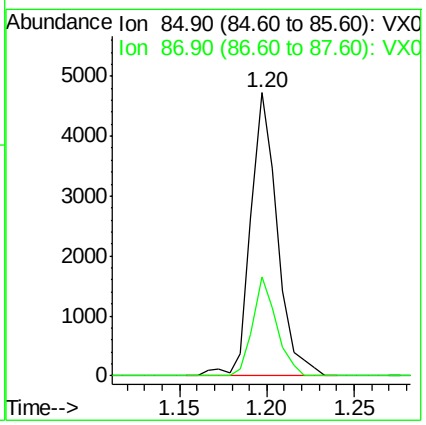


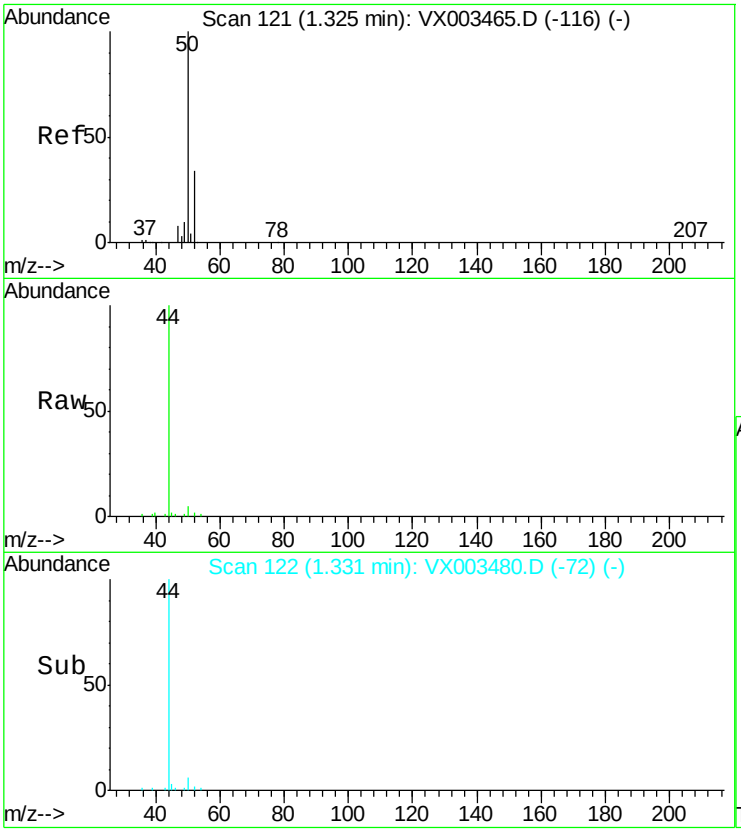


#2
Dichlorodifluoromethane
Concen: 1.41 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 85 Resp: 5015

Ion	Ratio	Lower	Upper
85	100		
87	35.2	16.0	47.9



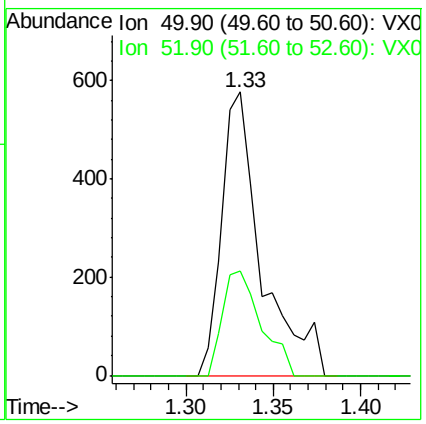


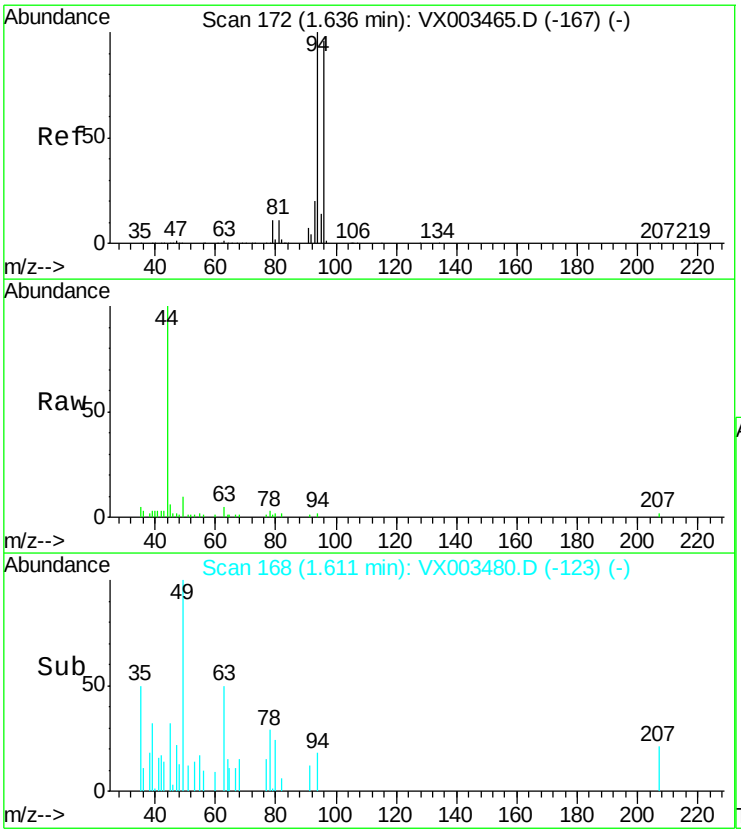
#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

Tgt Ion: 50 Resp: 916

Ion	Ratio	Lower	Upper
50	100		
52	36.7	25.7	38.5

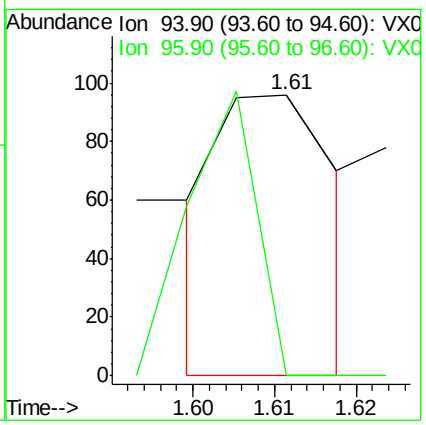


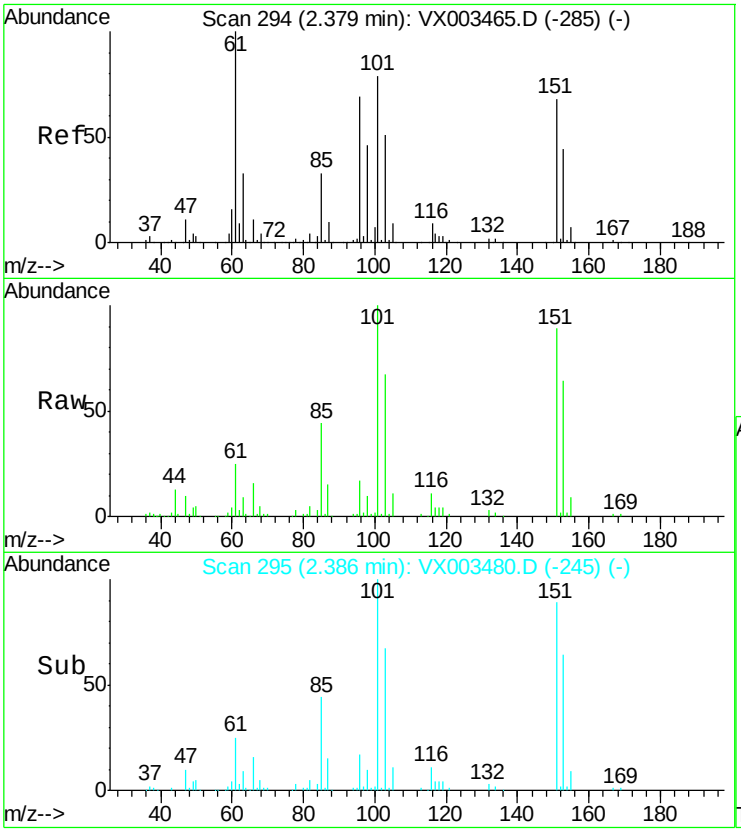


#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 168
Delta R.T. -0.02 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 94 Resp: 95

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.9	112.3#



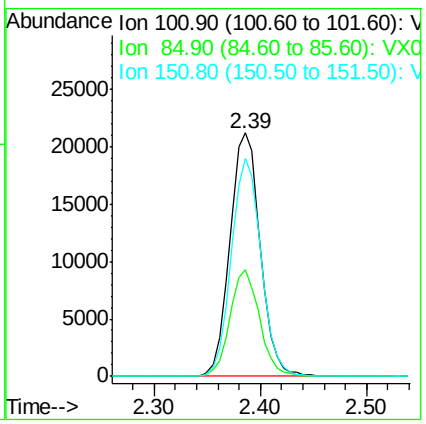


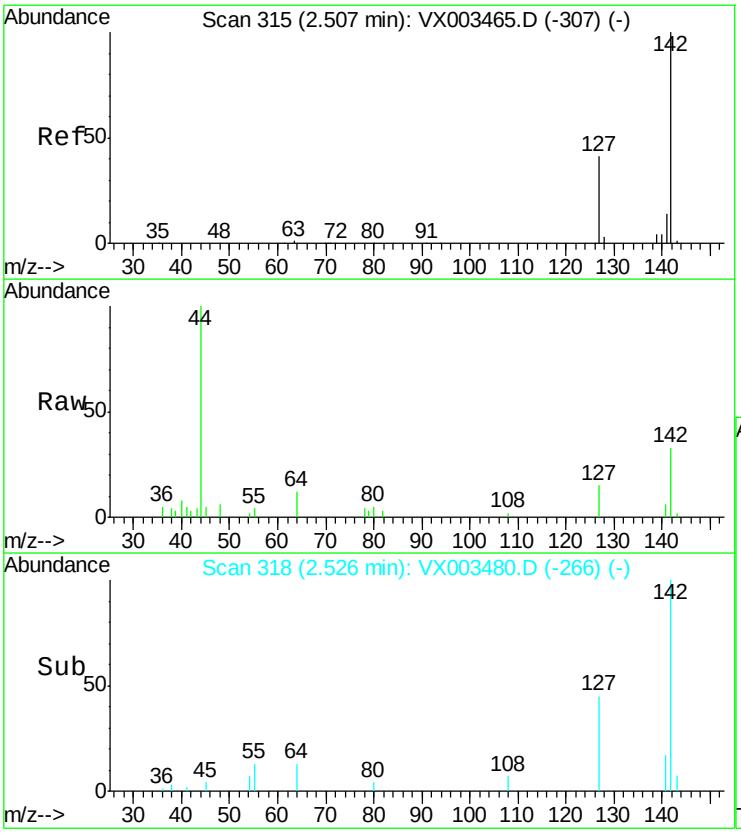
#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.79 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

Tgt Ion:101 Resp: 42419

Ion	Ratio	Lower	Upper
101	100		
85	42.7	36.0	54.0
151	87.9	70.9	106.3

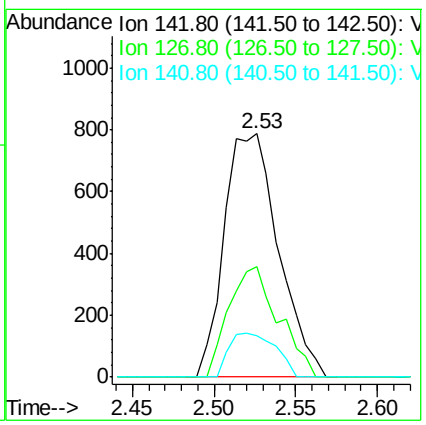


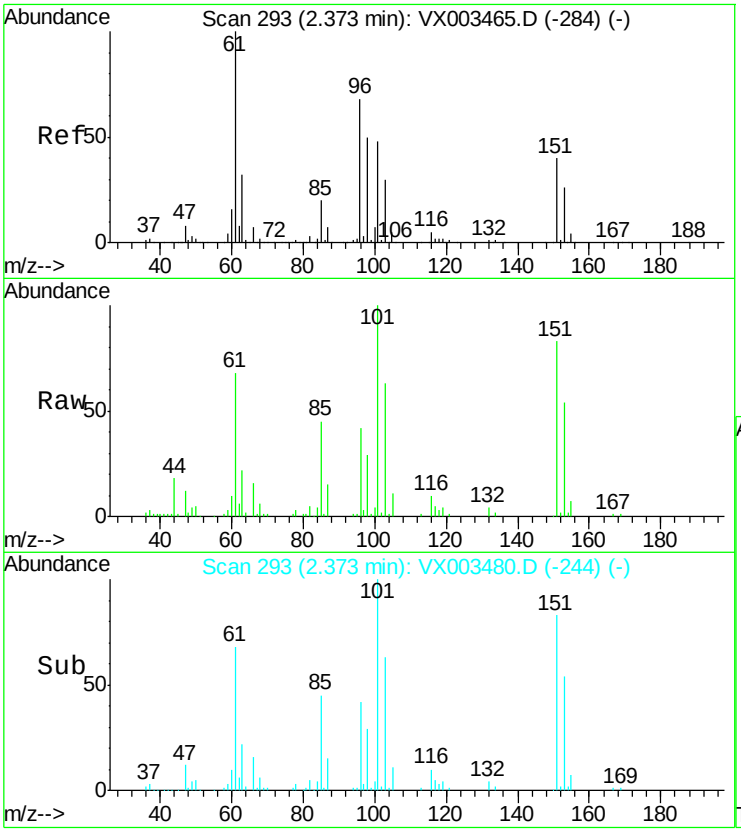


#10
Methyl Iodide
Concen: 0.46 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion:142 Resp: 1824

Ion	Ratio	Lower	Upper
142	100		
127	41.6	36.6	55.0
141	15.4	11.3	16.9



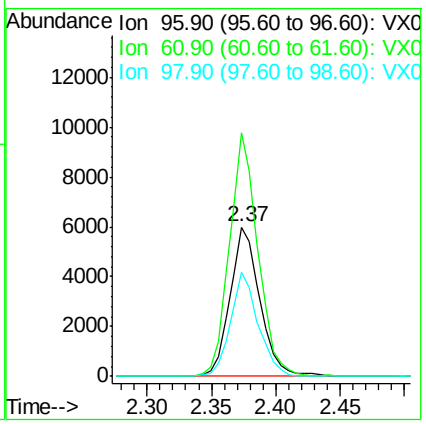


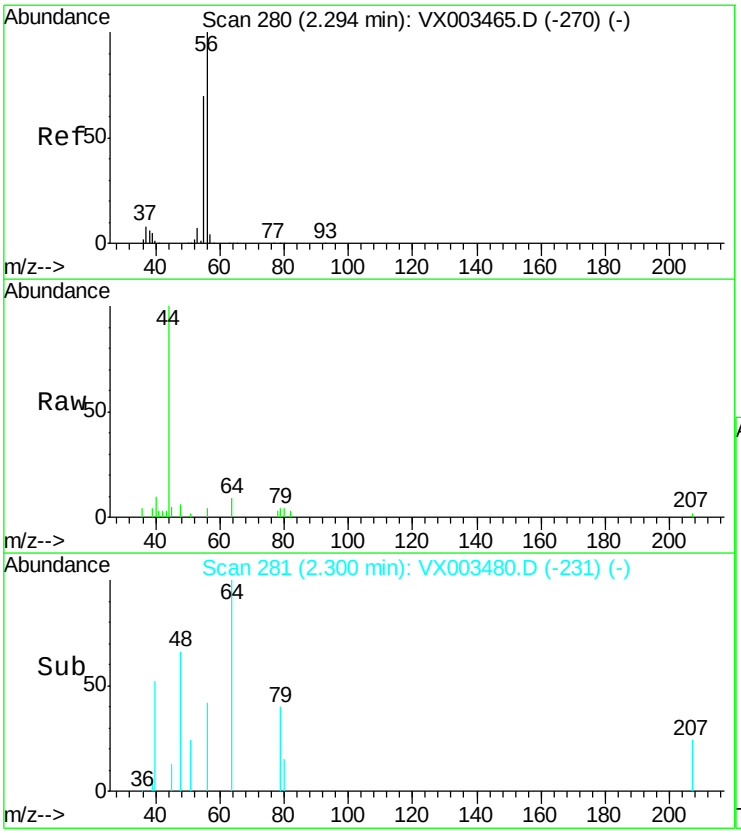
#12
1,1-Dichloroethene
Concen: 3.17 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

Tgt Ion: 96 Resp: 9671

Ion	Ratio	Lower	Upper
96	100		
61	163.4	137.9	206.9
98	69.6	51.6	77.4

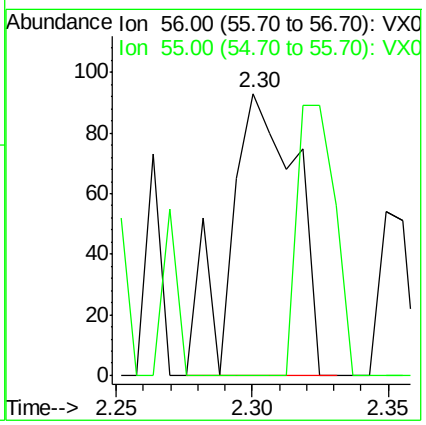


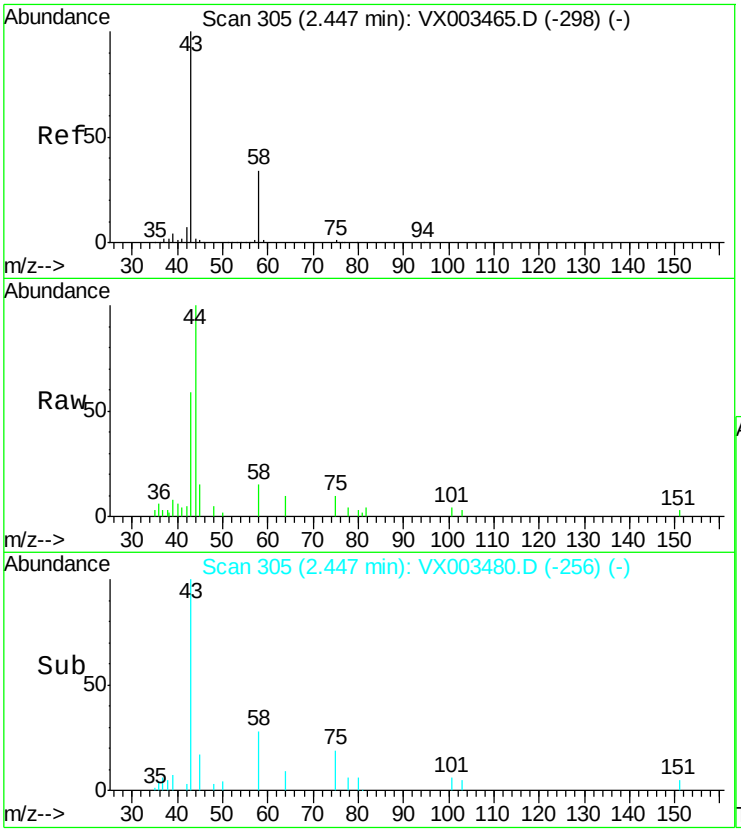


#13
Acrolein
Concen: 0.50 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 56 Resp: 158

Ion	Ratio	Lower	Upper
56	100		
55	54.4	57.0	85.4#



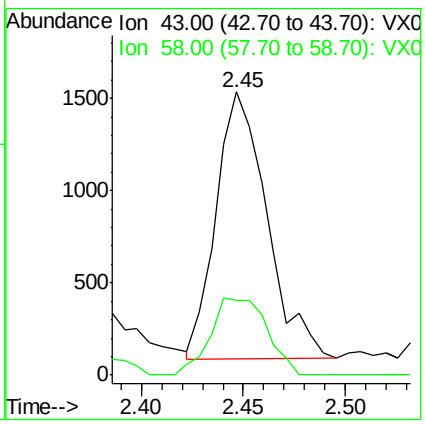


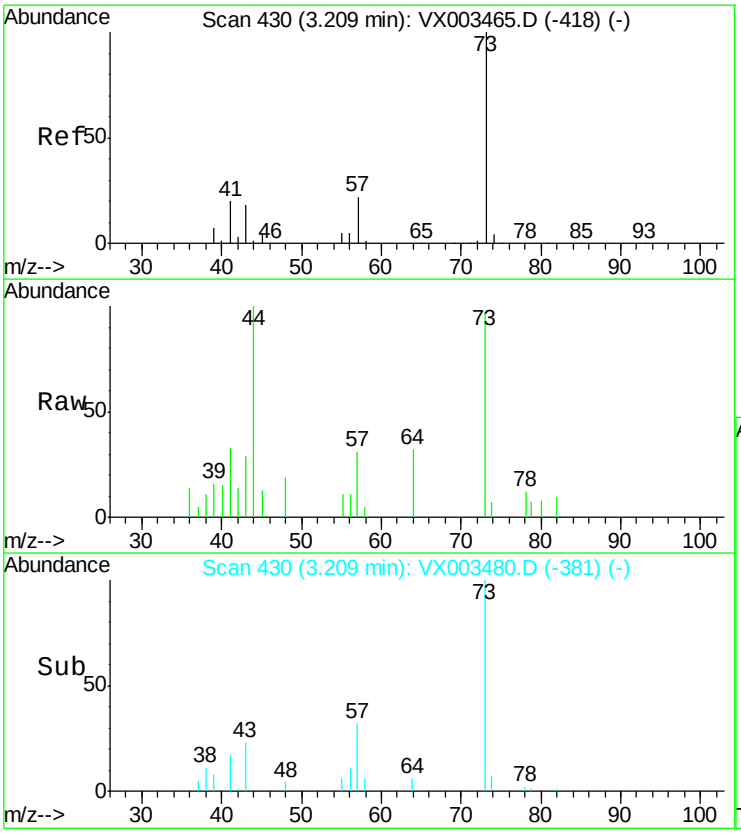
#16
Acetone
Concen: 1.87 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : TT101D-071018

Tgt Ion: 43 Resp: 2506

Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.1	33.1

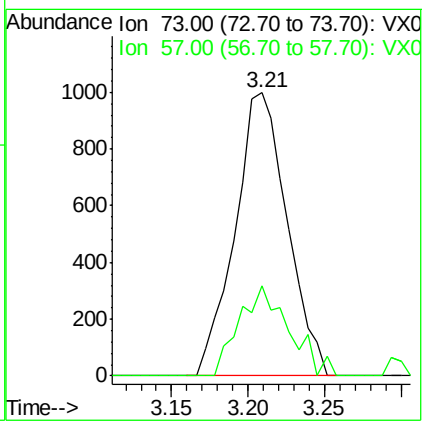


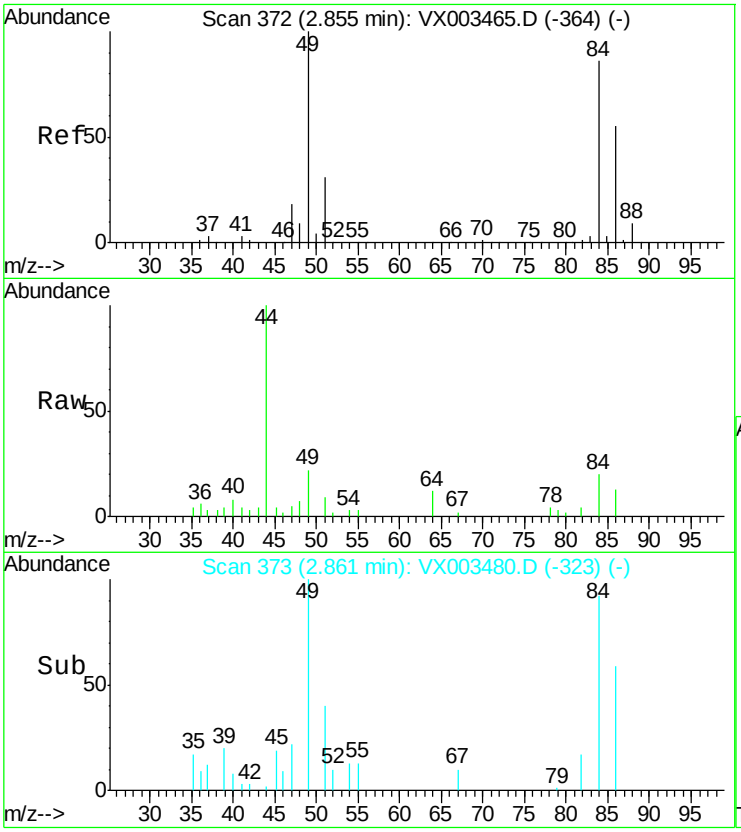


#19
Methyl tert-butyl Ether
Concen: 0.24 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 73 Resp: 2368

Ion	Ratio	Lower	Upper
73	100		
57	31.8	17.7	26.5#



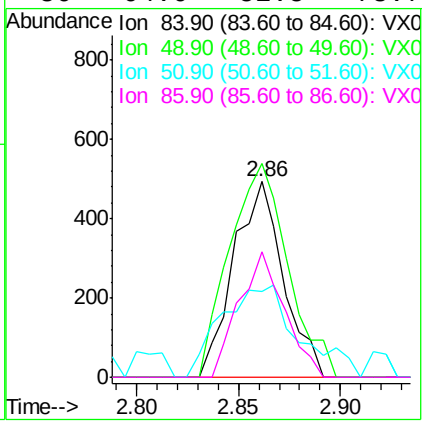


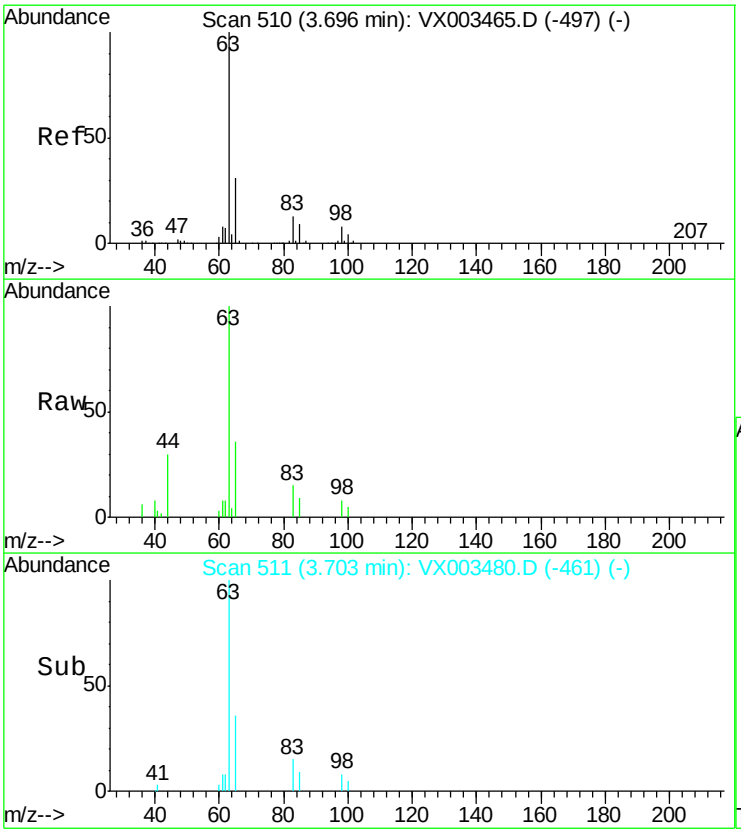
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : TT101D-071018

Tgt Ion: 84 Resp: 835

Ion	Ratio	Lower	Upper
84	100		
49	109.1	107.8	161.6
51	44.1	32.8	49.2
86	64.0	52.5	78.7

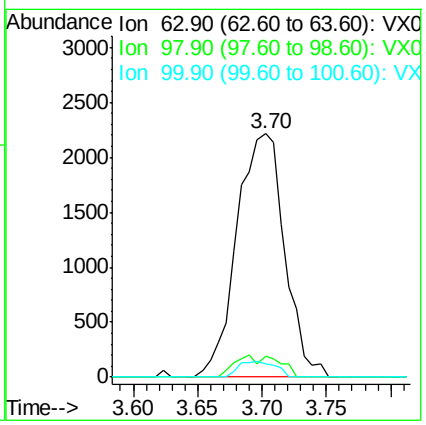


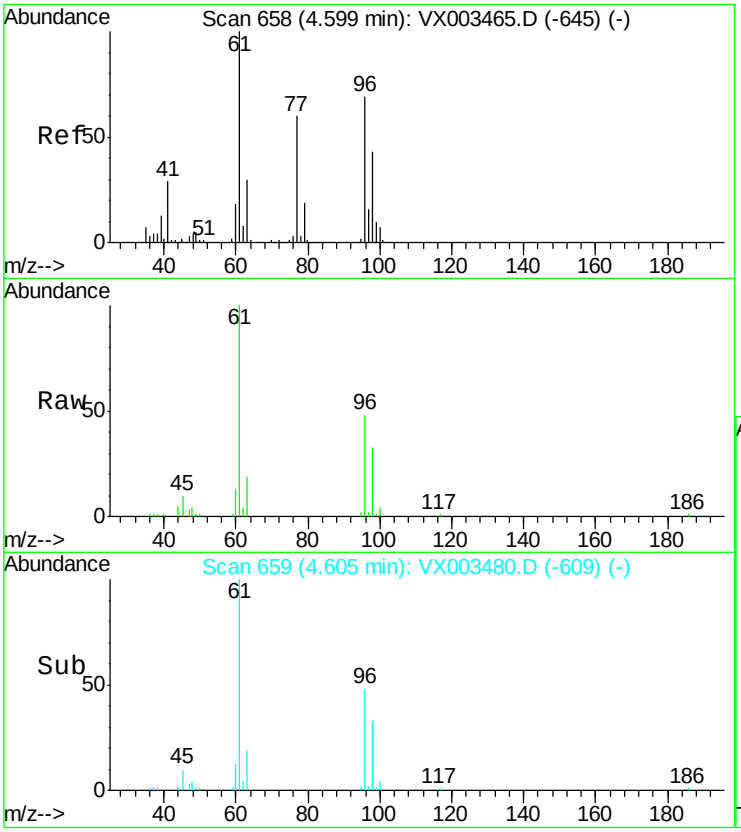


#24
1,1-Dichloroethane
Concen: 0.95 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 63 Resp: 5694

Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.4	10.2
100	5.4	2.0	6.0



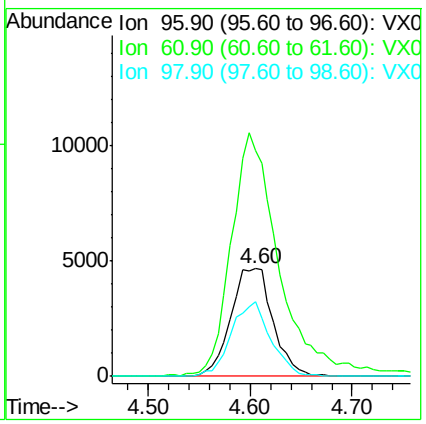


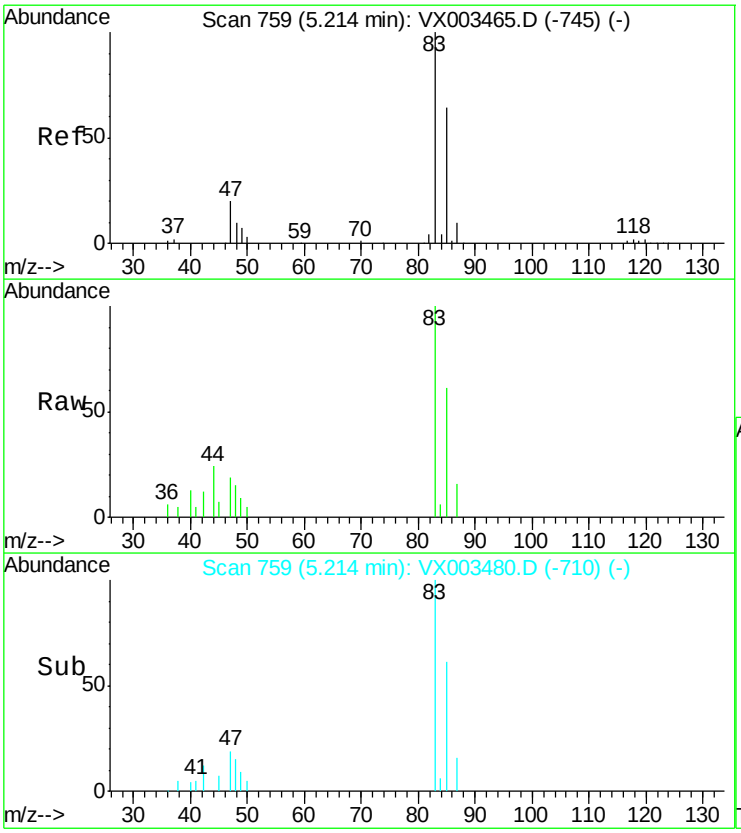
#27
cis-1,2-Dichloroethene
Concen: 3.56 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

Tgt Ion: 96 Resp: 13476

Ion	Ratio	Lower	Upper
96	100		
61	256.2	0.0	330.2
98	64.2	0.0	130.2

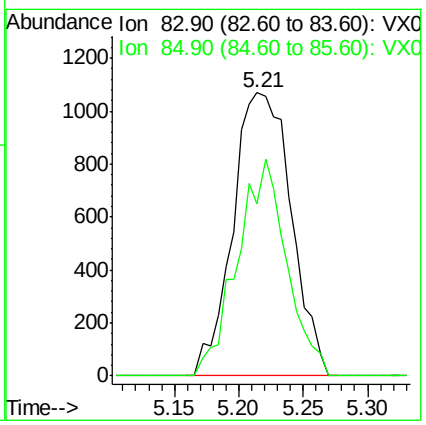


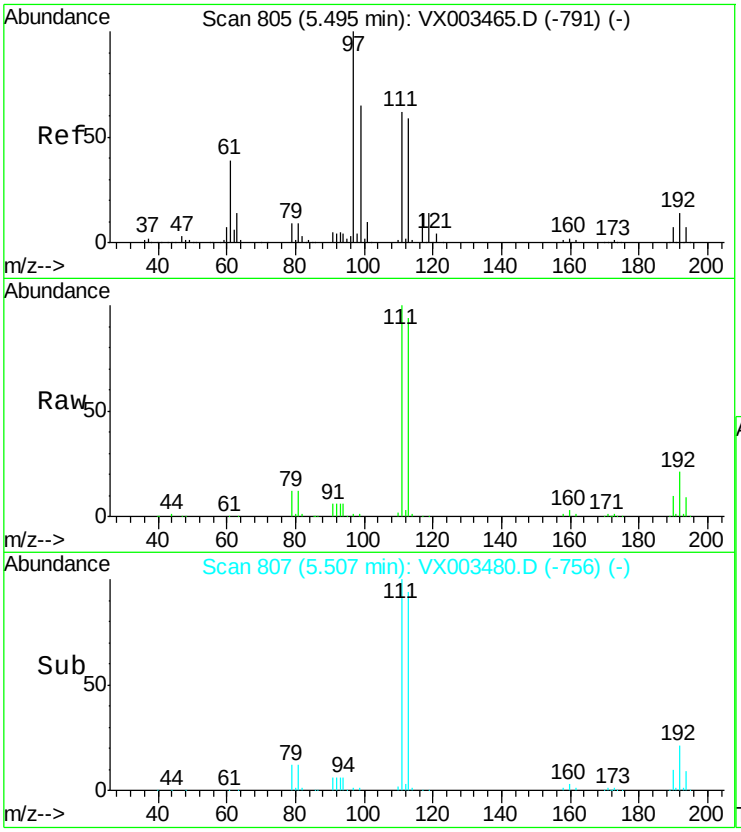


#30
Chloroform
Concen: 0.58 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 83 Resp: 3356

Ion	Ratio	Lower	Upper
83	100		
85	60.8	50.4	75.6



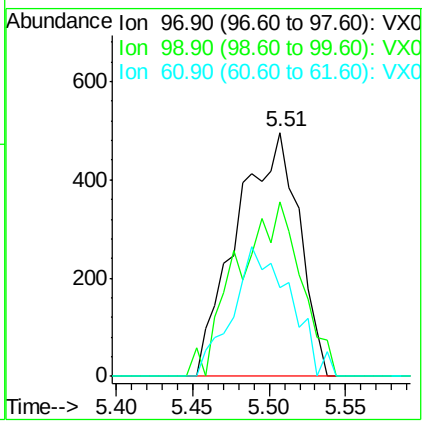


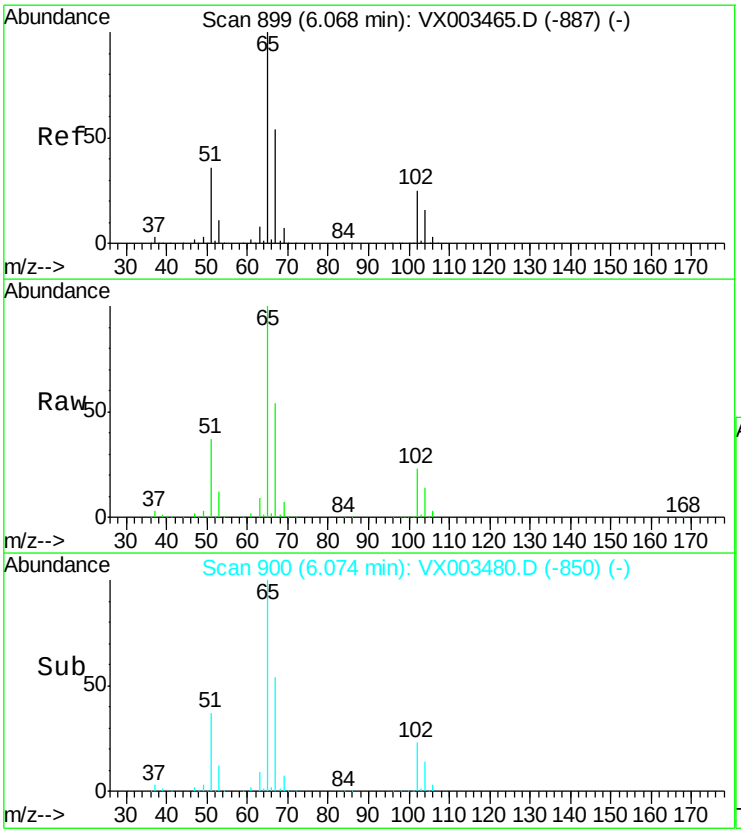
#32
1,1,1-Trichloroethane
Concen: 0.28 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : TT101D-071018

Tgt Ion: 97 Resp: 1402

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	49.3	36.4	54.6

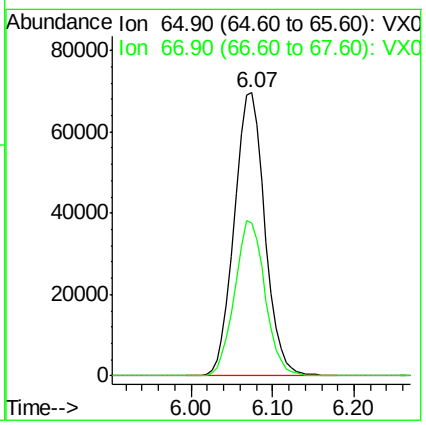


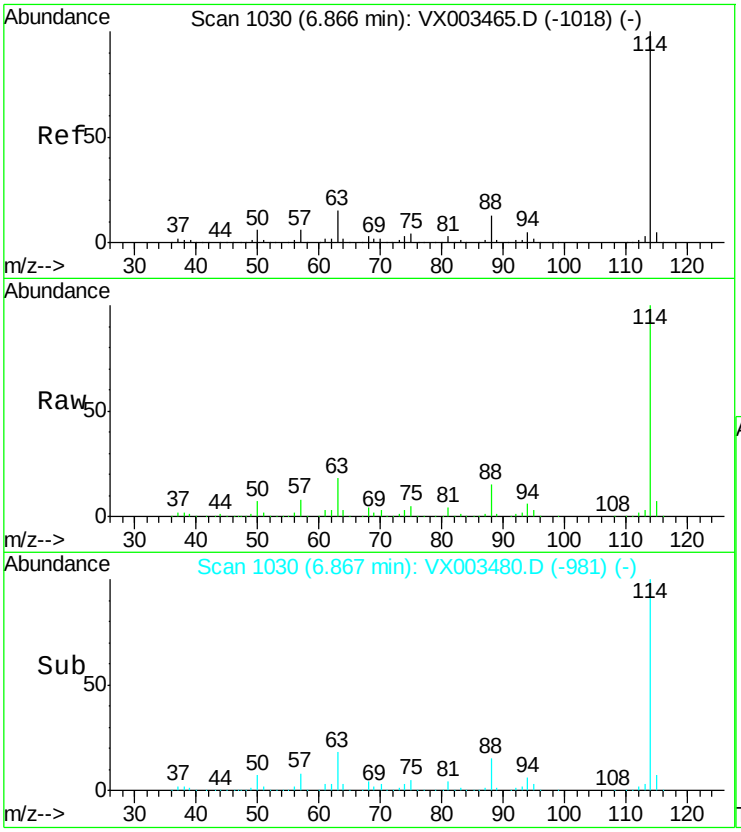


#33
1,2-Dichloroethane-d4
Concen: 51.11 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 65 Resp: 180933

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	102.6



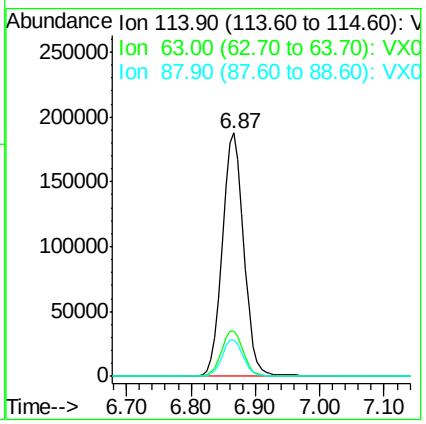


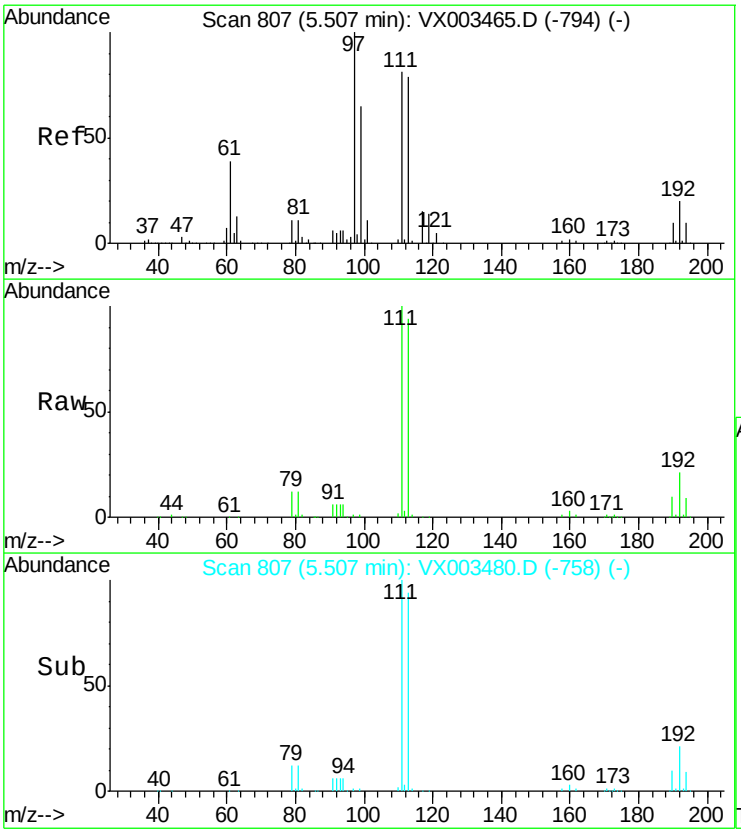
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : TT101D-071018

Tgt Ion:114 Resp: 444868

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.4
88	15.1	0.0	30.0

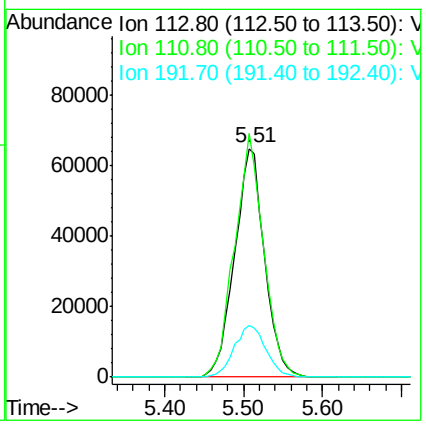


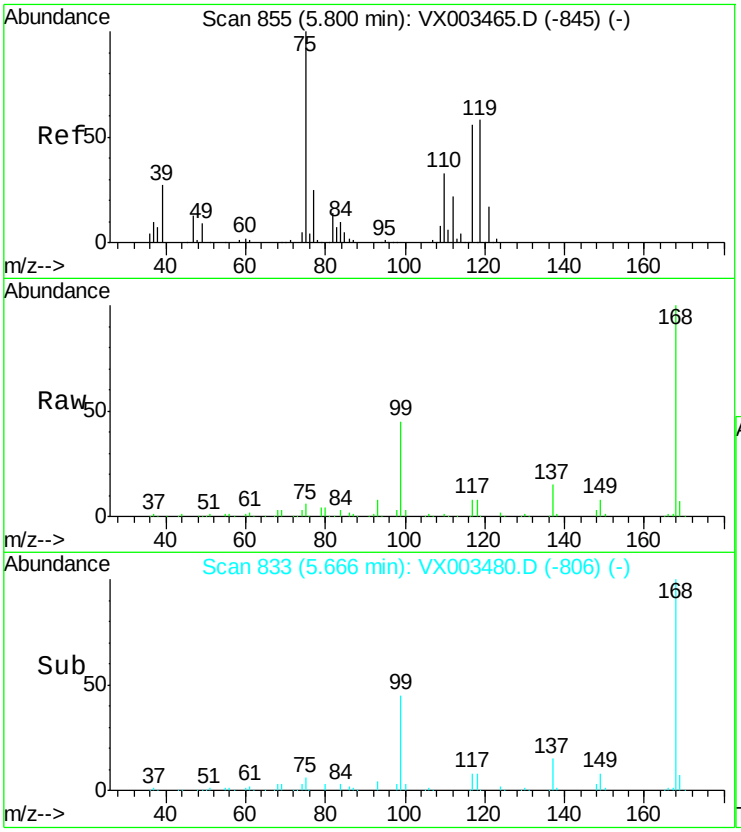


#35
Dibromofluoromethane
Concen: 50.35 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion:113 Resp: 170621

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	24.0	19.1	28.7



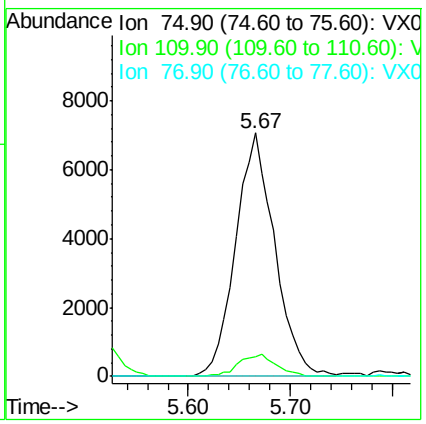


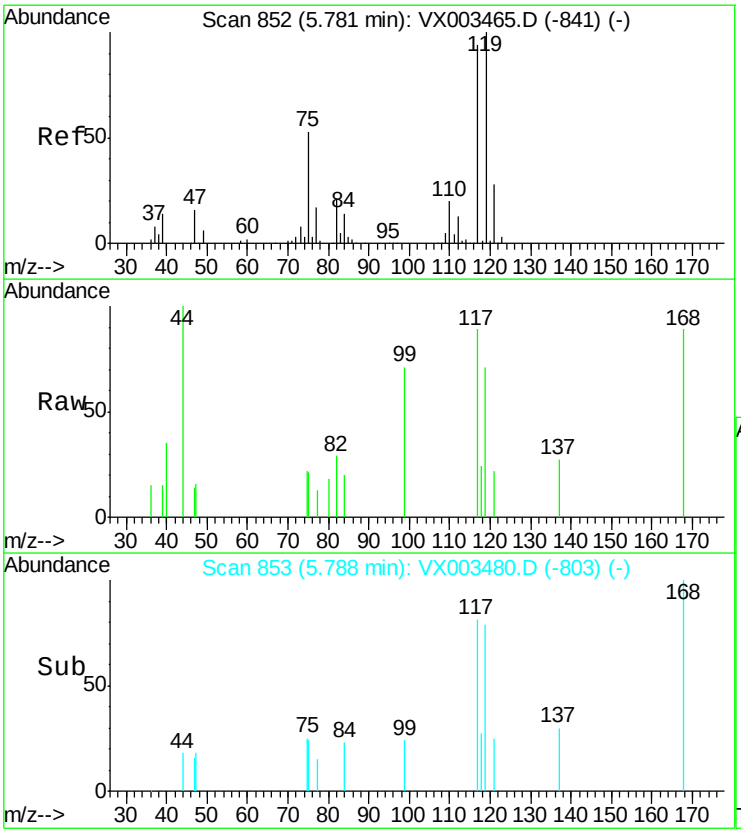
#36
1,1-Dichloropropene
Concen: 3.92 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

Tgt Ion: 75 Resp: 18809

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	24.3	36.5#

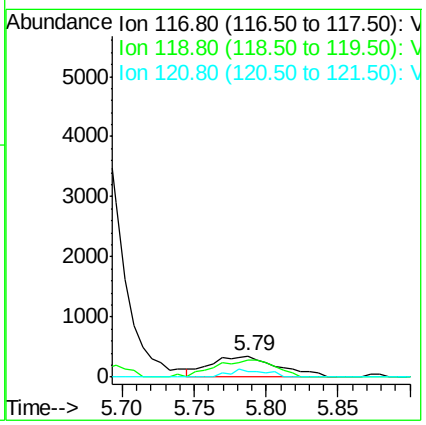


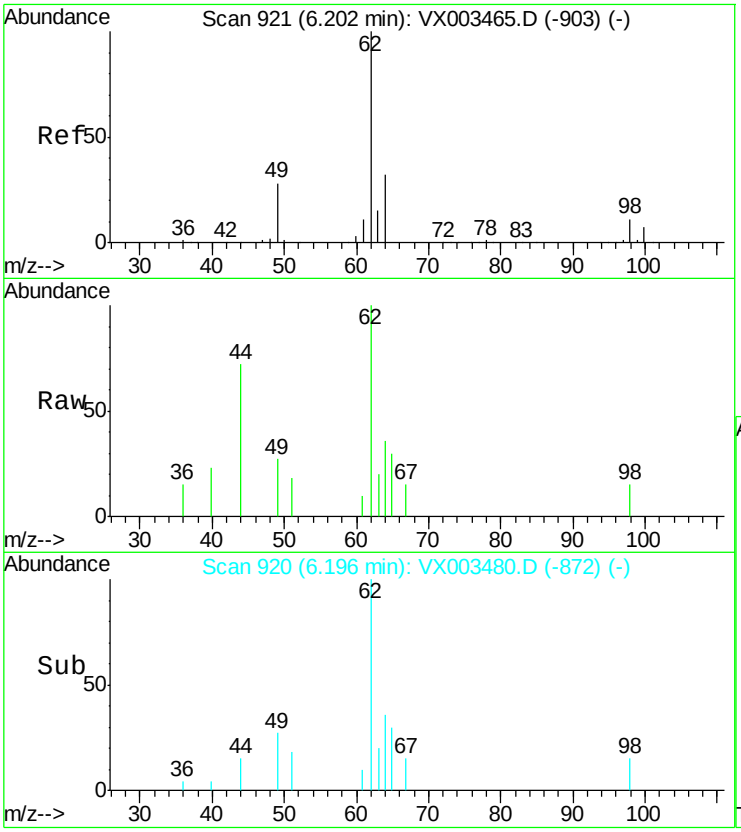


#38
Carbon Tetrachloride
Concen: 0.24 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion:117 Resp: 1126

Ion	Ratio	Lower	Upper
117	100		
119	79.9	77.4	116.0
121	24.9	24.4	36.6



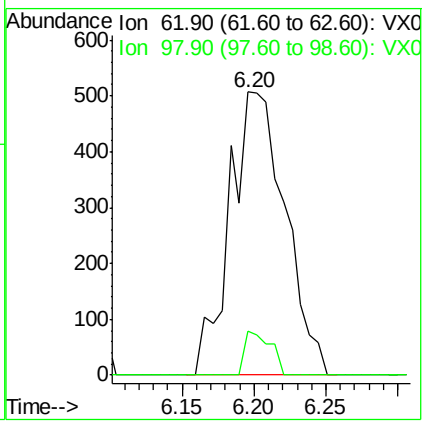


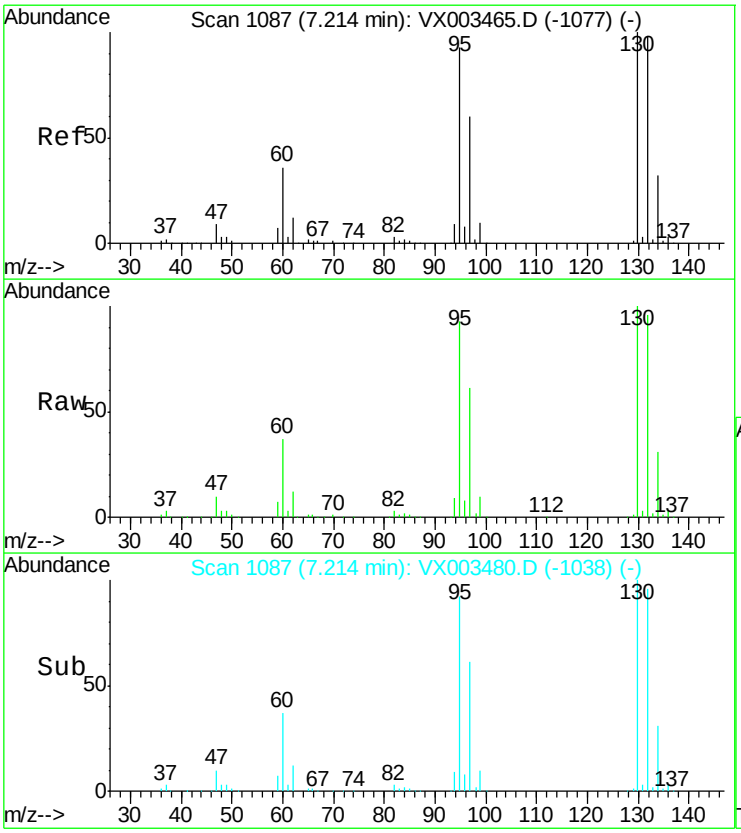
#42
1,2-Dichloroethane
Concen: 0.30 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 62 Resp: 1357

Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	16.6

Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

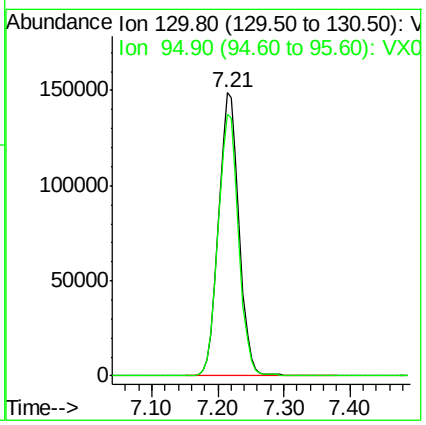


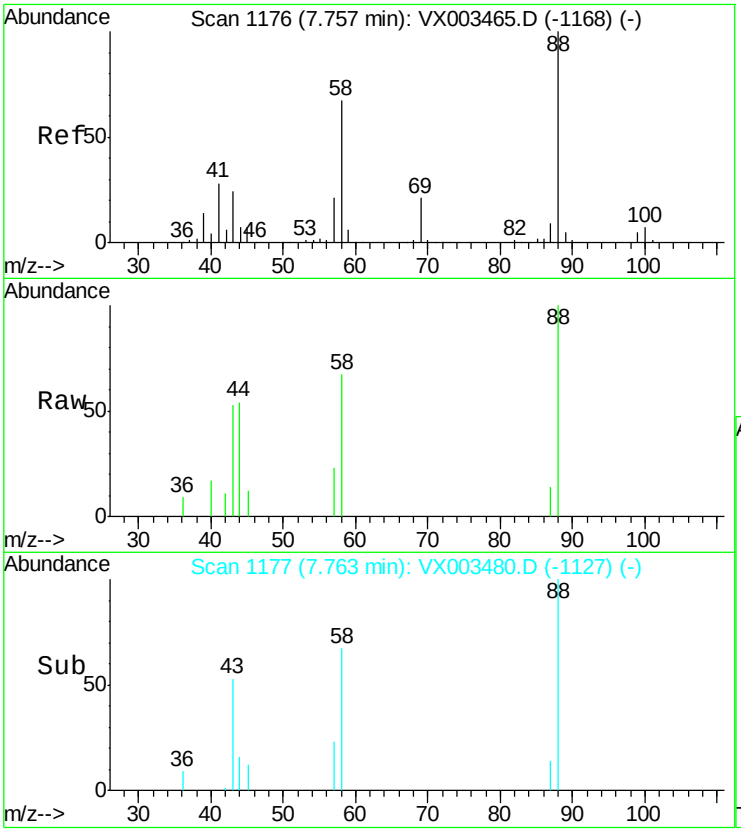


#44
Trichloroethene
Concen: 73.27 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion:130 Resp: 316868

Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	185.4



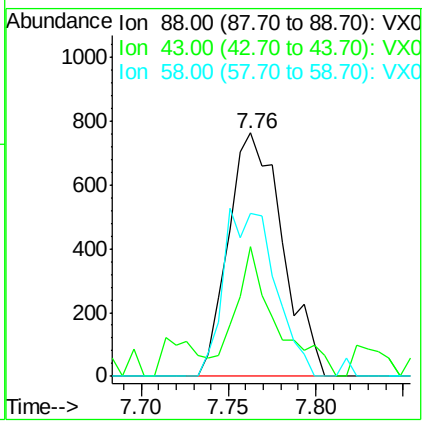


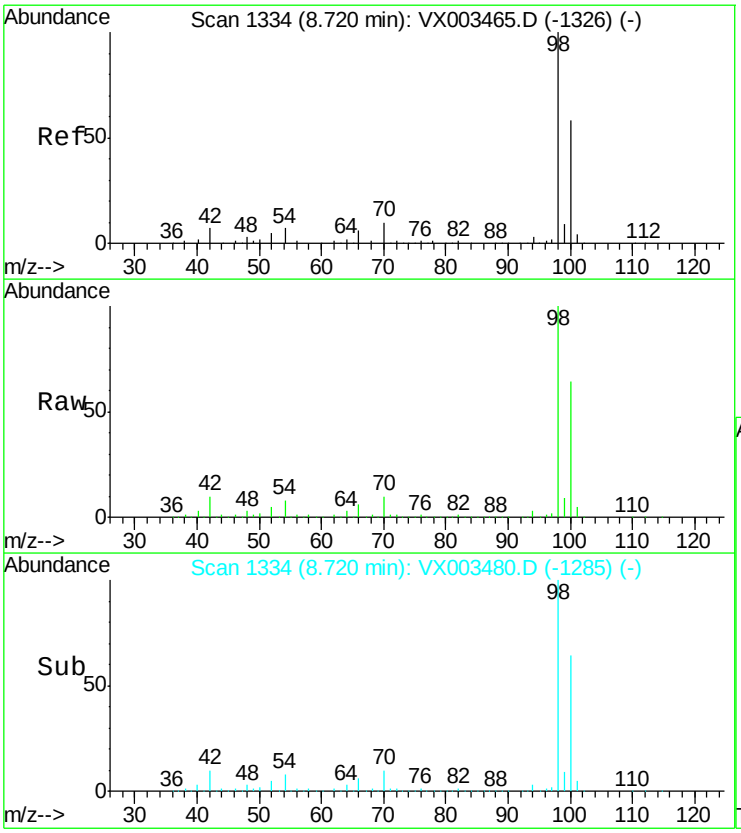
#49
1,4-Dioxane
Concen: 19.99 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : TT101D-071018

Tgt Ion: 88 Resp: 1651

Ion	Ratio	Lower	Upper
88	100		
43	39.9	29.8	44.6
58	65.1	57.1	85.7

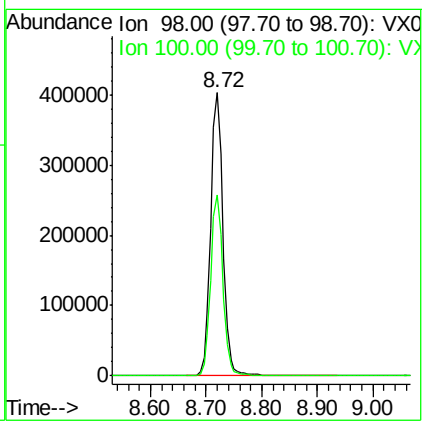


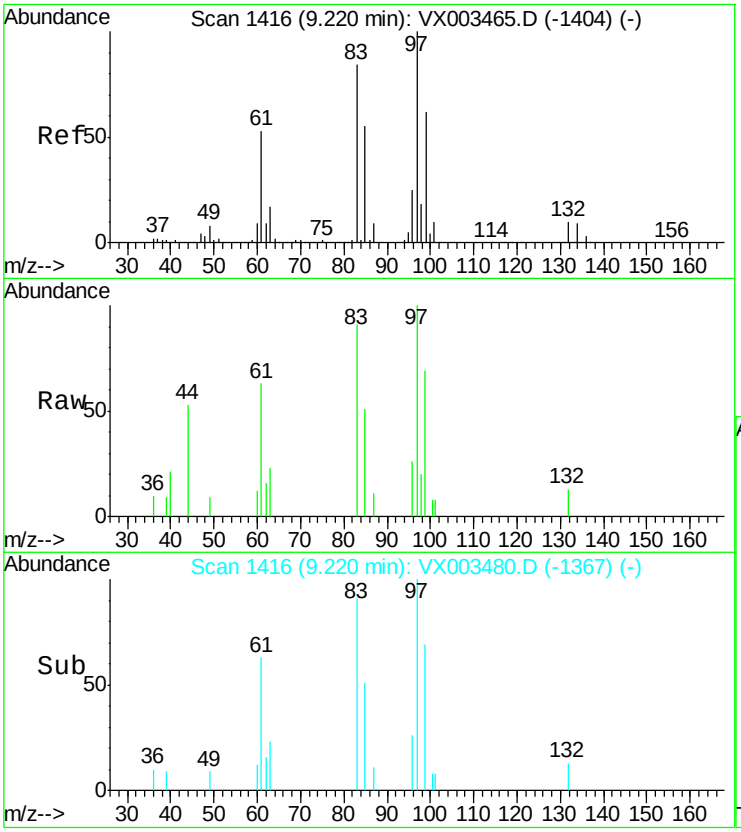


#50
Toluene-d8
Concen: 48.93 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 98 Resp: 623168

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3



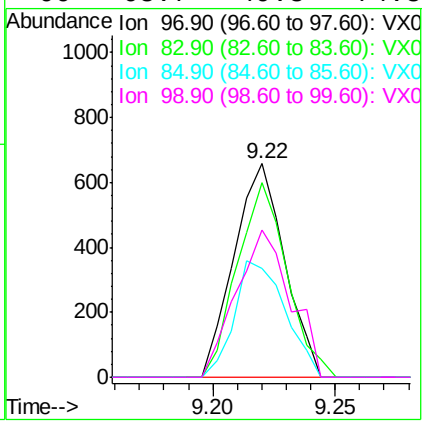


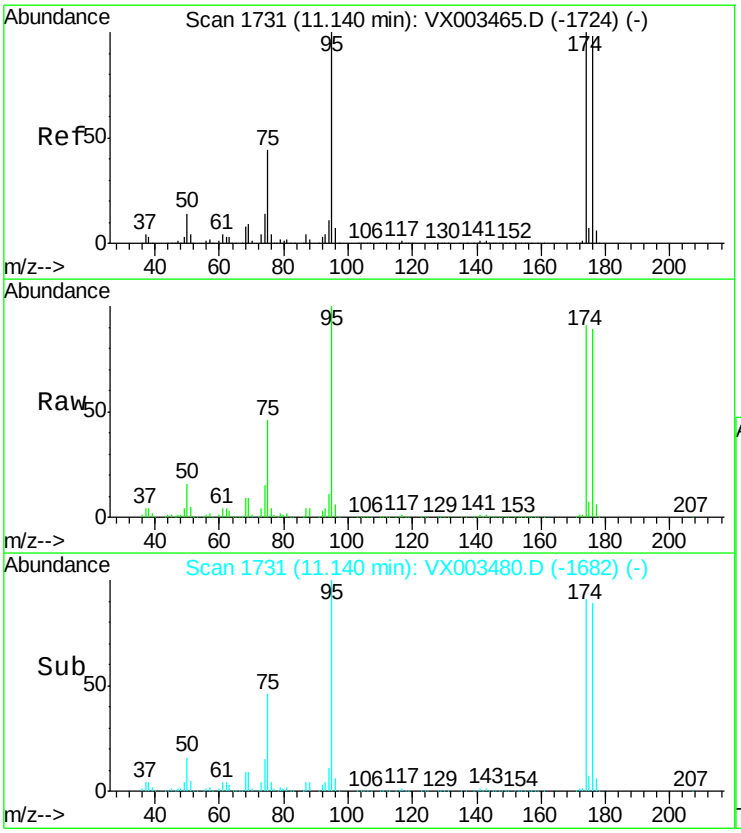
#55
1,1,2-Trichloroethane
Concen: 0.26 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument : MSVOA_X
ClientSampleId : TT101D-071018

Tgt Ion: 97 Resp: 945

Ion	Ratio	Lower	Upper
97	100		
83	91.0	70.2	105.2
85	51.2	44.9	67.3
99	68.7	49.8	74.8

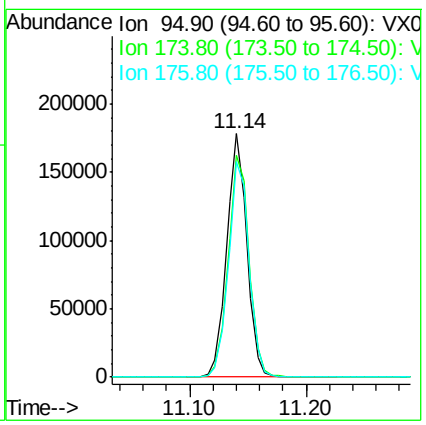


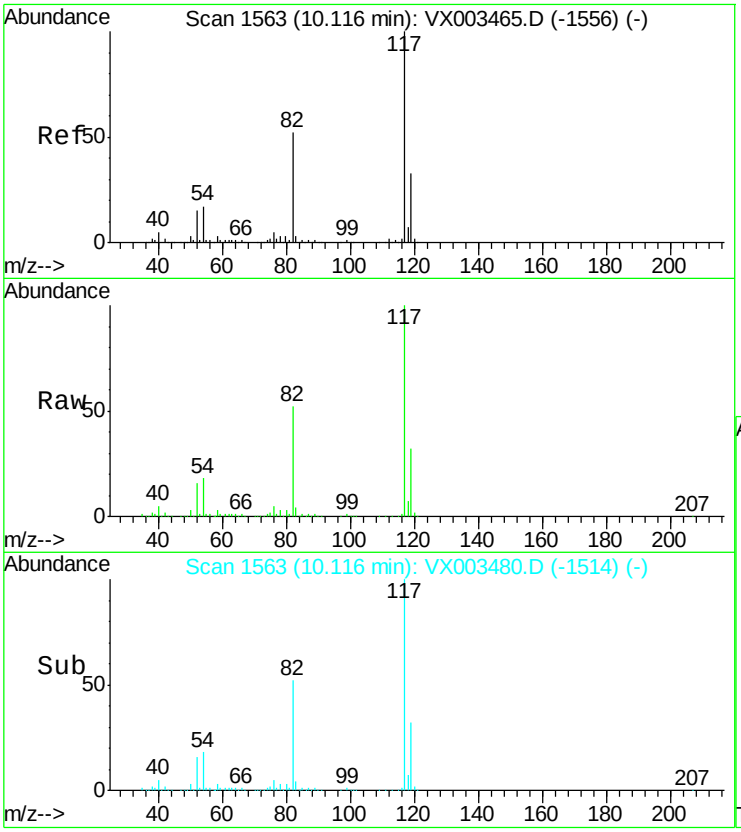


#62
4-Bromofluorobenzene
Concen: 45.96 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 95 Resp: 213615

Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	187.4
176	91.3	0.0	181.0



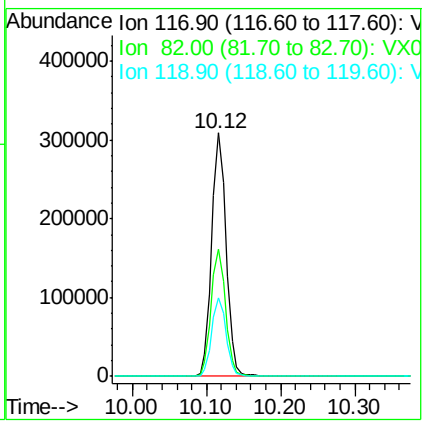


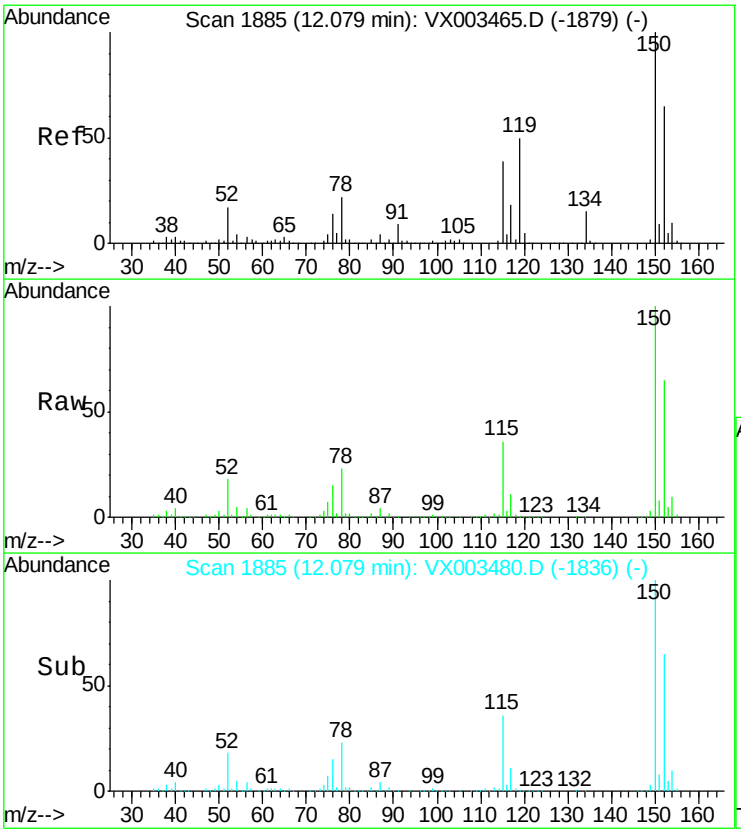
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

Tgt Ion:117 Resp: 411059

Ion	Ratio	Lower	Upper
117	100		
82	52.3	45.0	67.4
119	32.3	25.8	38.6

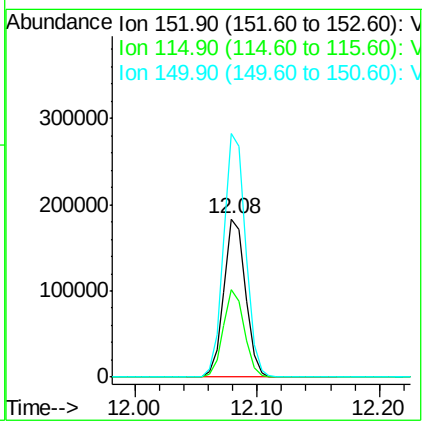


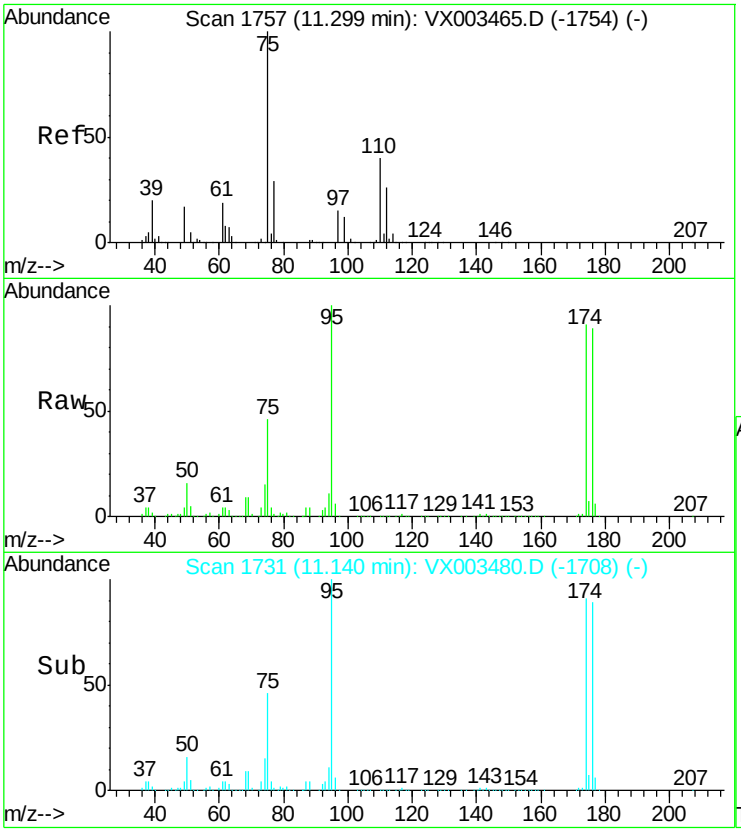


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion:152 Resp: 224177

Ion	Ratio	Lower	Upper
152	100		
115	53.9	40.1	120.2
150	156.0	0.0	347.2



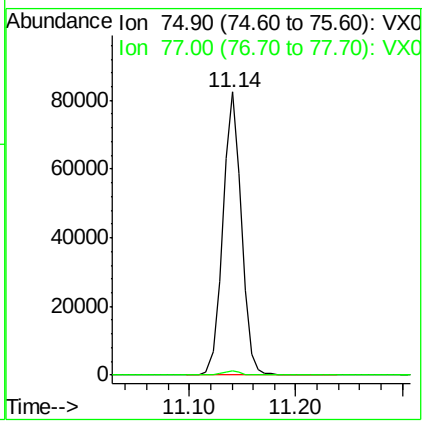


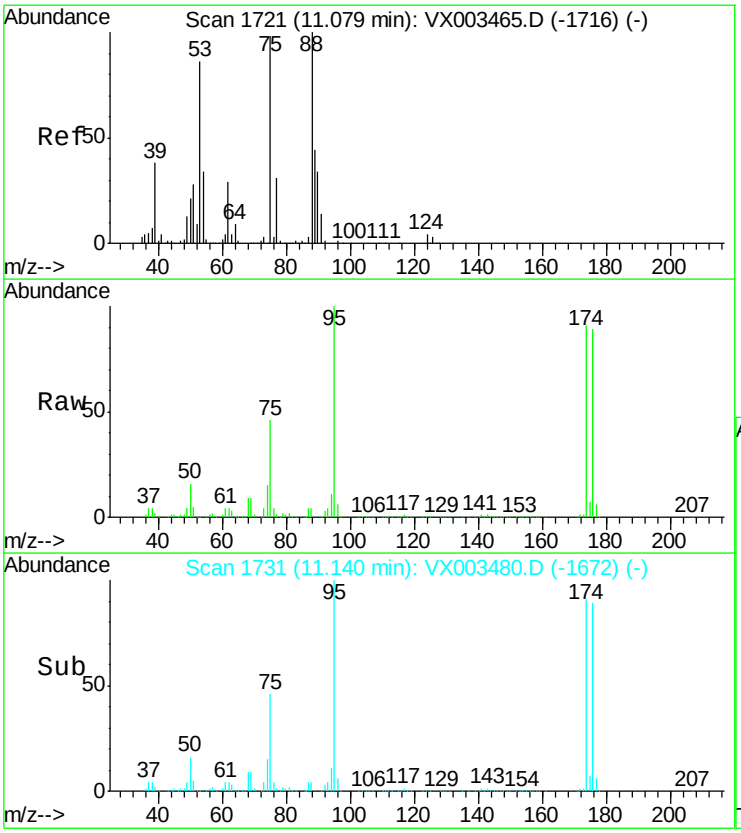
#76
1,2,3-Trichloropropane
Concen: 24.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Instrument :
MSVOA_X
ClientSampleId :
TT101D-071018

Tgt Ion: 75 Resp: 100423

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.83 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003480.D
Acq: 19 Jul 2018 23:14

Tgt Ion: 75 Resp: 100423

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#