Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051218\

Quantitation Report (Not Reviewed)

Data File : VX001668.D
Acq On : 12 May 2018 15:49
Operator : JC/MD
Sample : J2741-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ST008MW146-180501DL

Quant Time: May 14 06:00:32 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	268716	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	360080	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	312230	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167564	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	214242	55.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.94%				
35) Dibromofluoromethane	5.51	113	171822	53.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.30%				
50) Toluene-d8	8.72	98	598510	51.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.38%				
62) 4-Bromofluorobenzene	11.14	95	191346	42.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.28%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	2635	0.72	ug/l		96
5) Bromomethane	1.66	94	1440	Below Cal			91
6) Chloroethane	1.79	64	1323	0.54	ug/l	#	43
10) Methyl Iodide	2.52	142	1445	0.31	ug/l		93
11) Tert butyl alcohol	3.03	59	2005	2.46	ug/l	#	79
13) Acrolein	2.30	56	64	Below Cal		#	1
16) Acetone	2.45	43	1008	0.57	ug/l		95
21) trans-1,2-Dichloroethene	3.17	96	907	0.27	ug/l	#	64
27) cis-1,2-Dichloroethene	4.60	96	123446	34.93	ug/l		87
29) Tetrahydrofuran	5.18	42	514	0.32	ug/l	#	45
31) Cyclohexane	5.67	56	4596	0.92	ug/l	#	4
36) 1,1-Dichloropropene	5.67	75	16456	3.59	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	22798	4.67	ug/l	#	15
44) Trichloroethene	7.22	130	24544	6.00	ug/l		98
51) 4-Methyl-2-Pentanone	8.72	43	2602	0.51	ug/l	#	1
54) cis-1,3-Dichloropropene	8.86	75	22	2.27	ug/l	#	43
60) Dibromochloromethane	9.34	129	44737	12.40	ug/l	#	11
64) Tetrachloroethene	9.34	164	53098	12.20	ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	94460	27.80	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	94460	85.31	ug/l	#	7

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

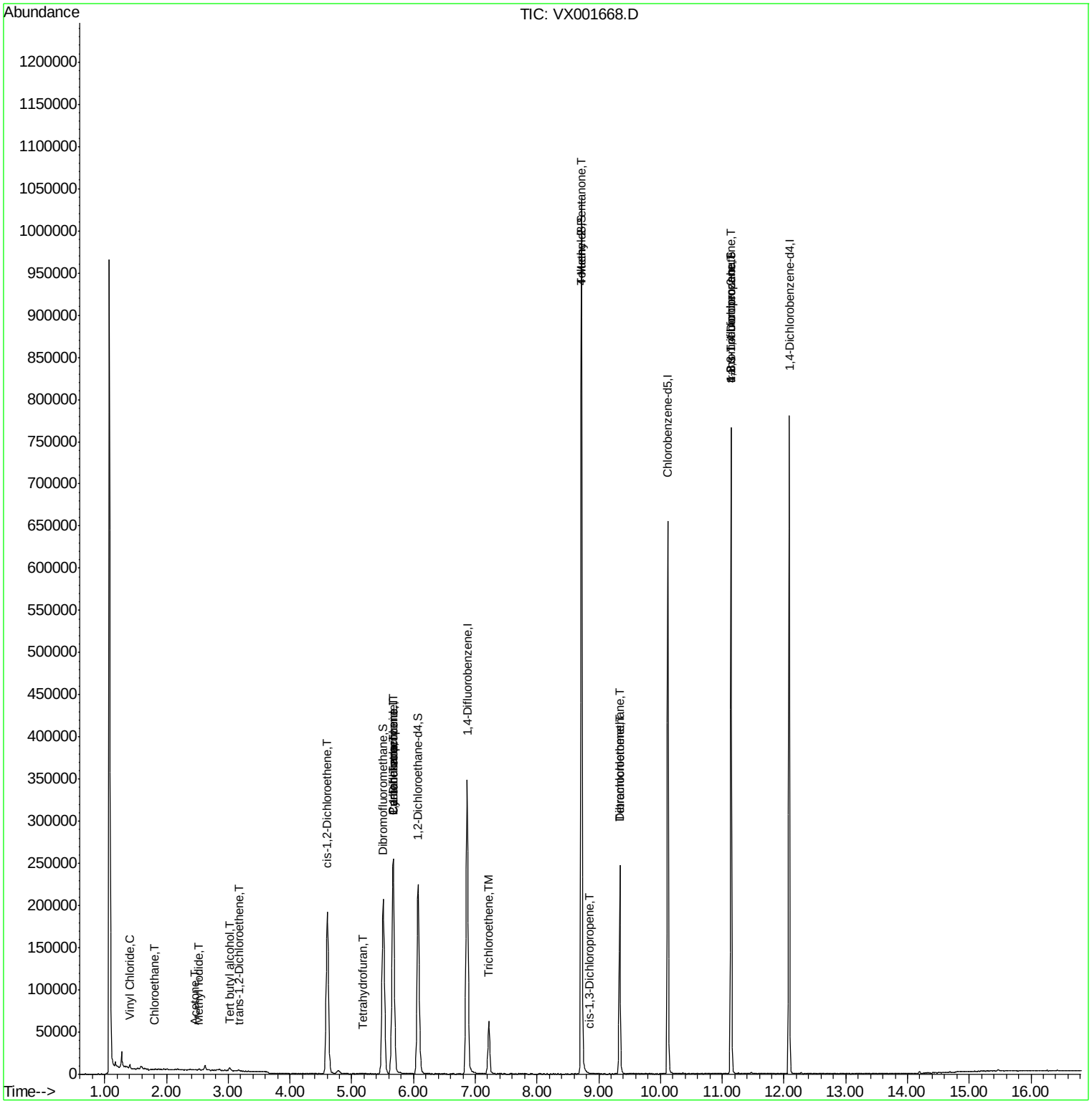
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051218\

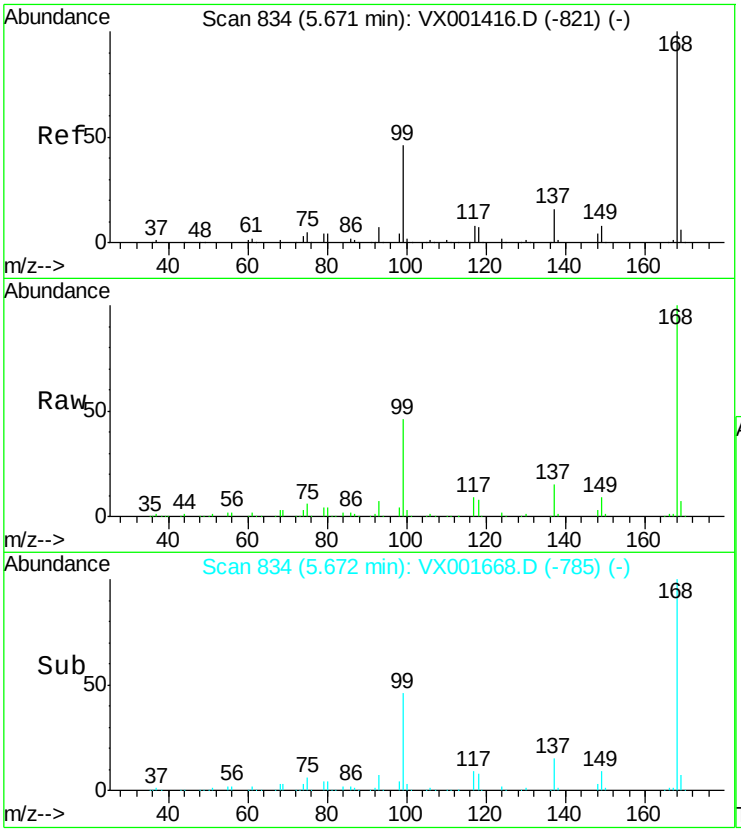
Quantitation Report (Not Reviewed)

Data File : VX001668.D
Acq On : 12 May 2018 15:49
Operator : JC/MD
Sample : J2741-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Quant Time: May 14 06:00:32 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration



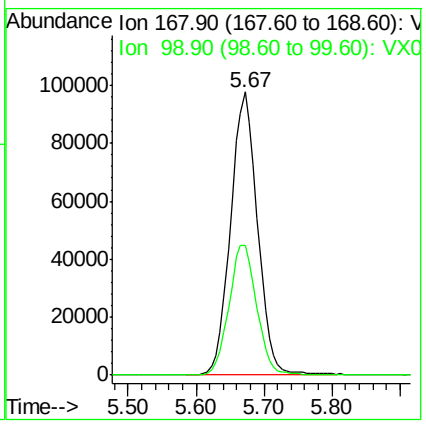


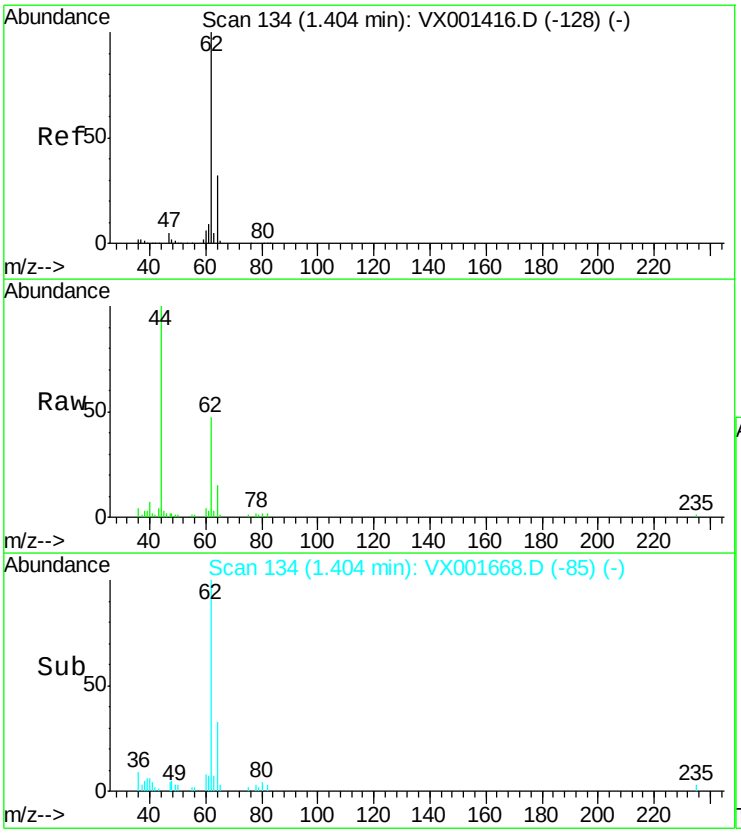
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion:168 Resp: 268716

Ion	Ratio	Lower	Upper
168	100		
99	45.9	36.6	54.8

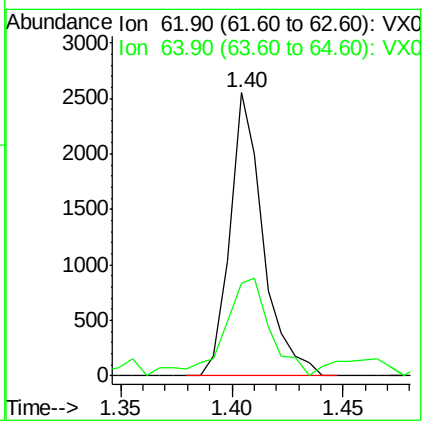


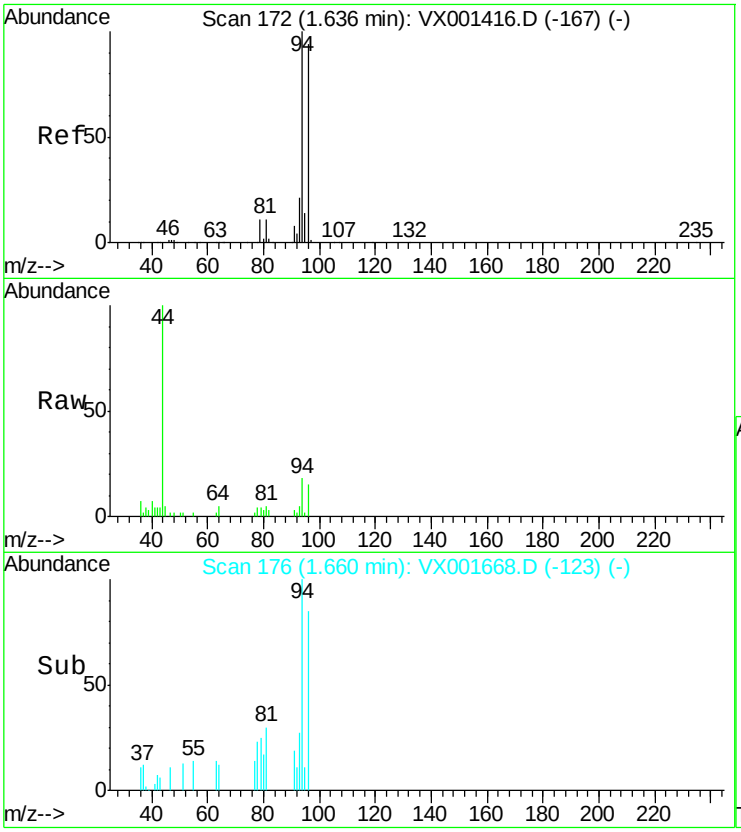


#4
Vinyl Chloride
Concen: 0.72 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion: 62 Resp: 2635

Ion	Ratio	Lower	Upper
62	100		
64	30.2	25.8	38.6



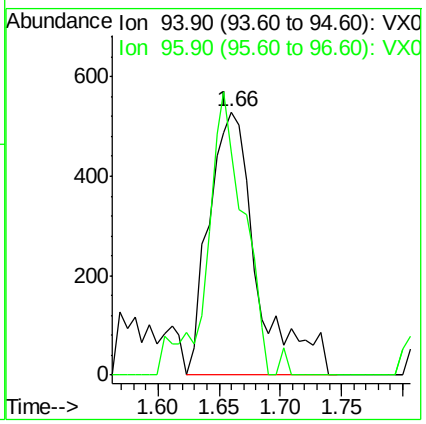


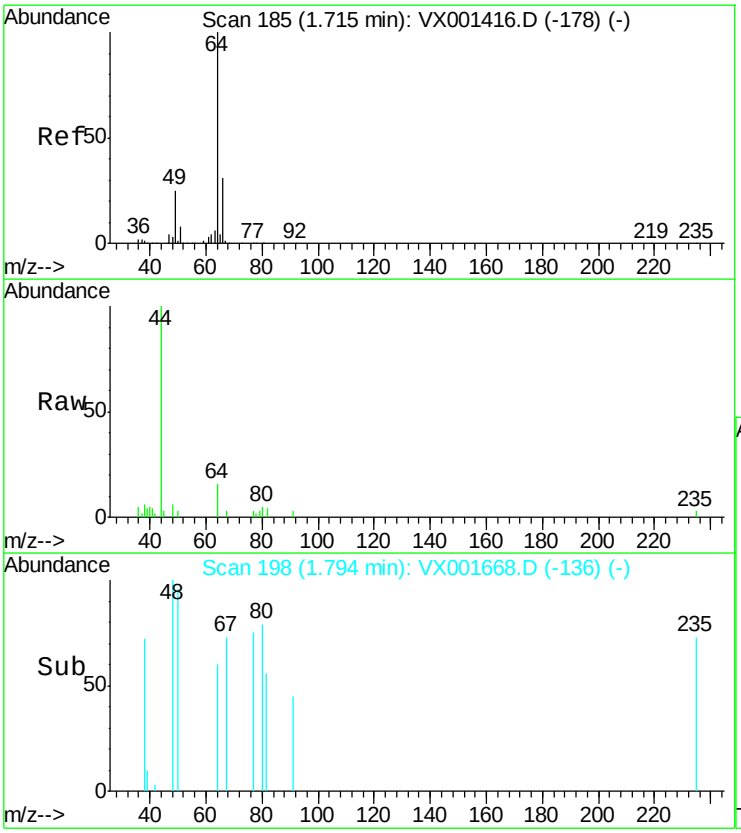
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion: 94 Resp: 1440

Ion	Ratio	Lower	Upper
94	100		
96	84.9	75.0	112.6

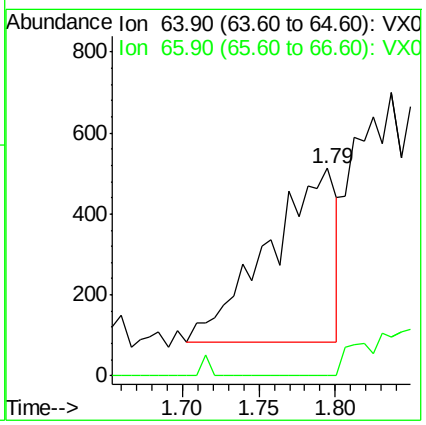


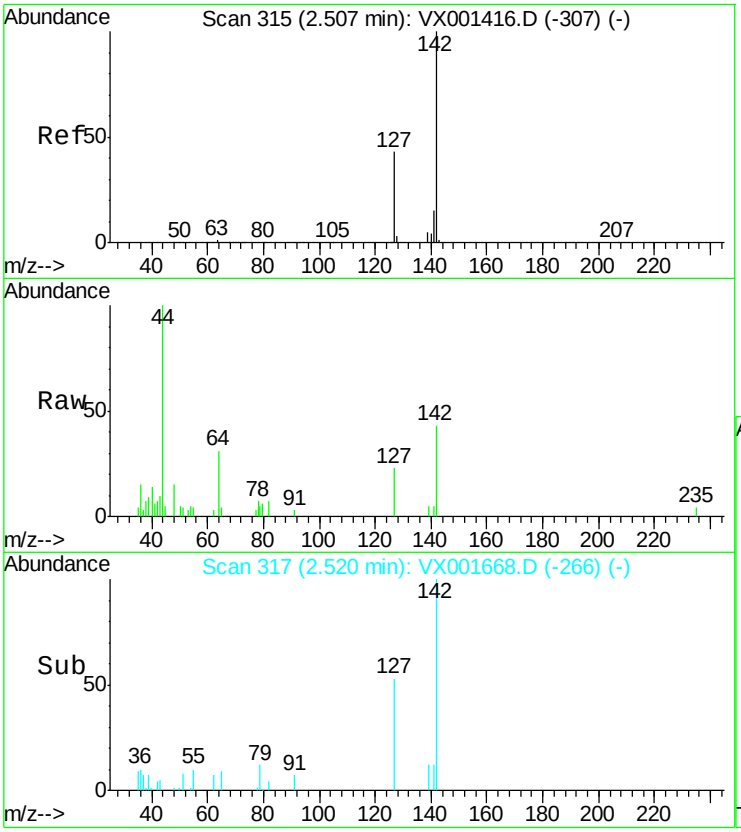


#6
Chloroethane
Concen: 0.54 ug/l
RT: 1.79 min Scan# 198
Delta R.T. 0.08 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion: 64 Resp: 1323

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#



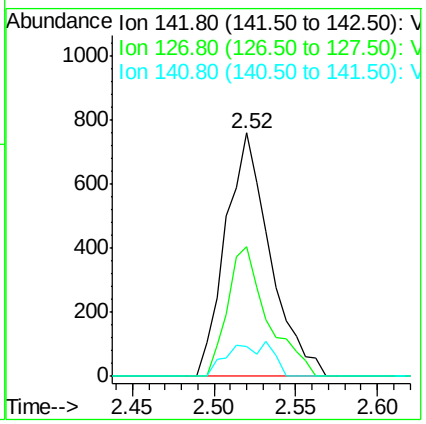


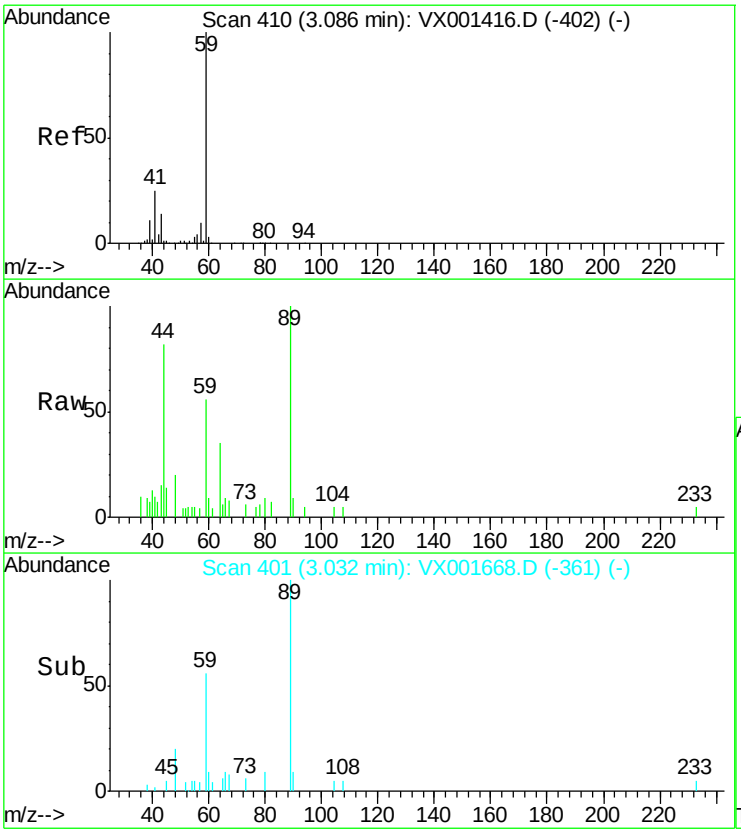
#10
Methyl Iodide
Concen: 0.31 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion:142 Resp: 1445

Ion	Ratio	Lower	Upper
142	100		
127	47.8	33.6	50.4
141	13.8	11.4	17.2

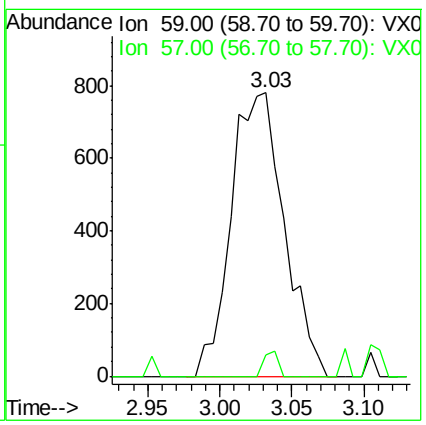


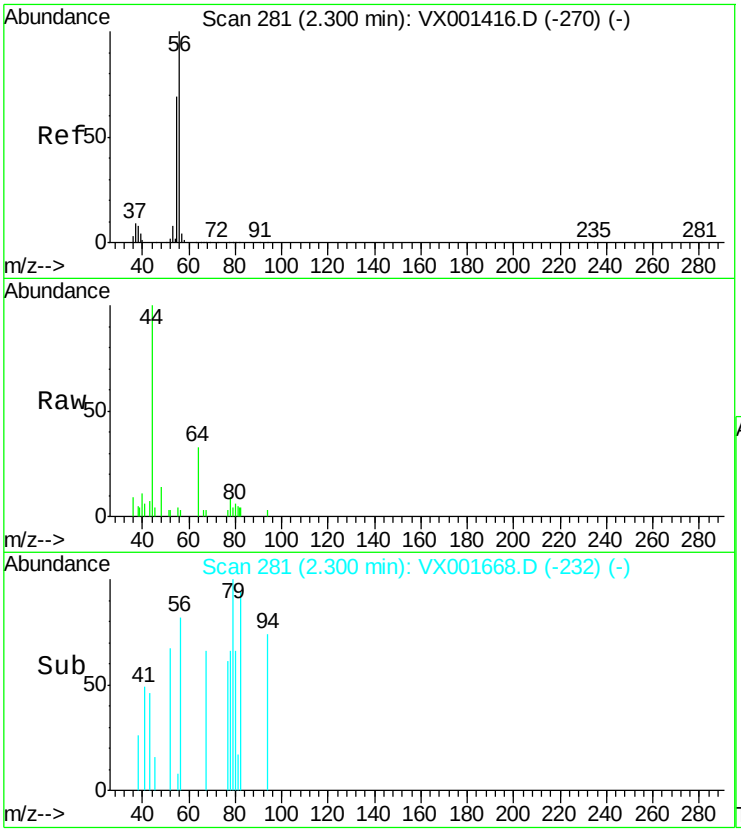


#11
Tert butyl alcohol
Concen: 2.46 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.05 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion: 59 Resp: 2005

Ion	Ratio	Lower	Upper
59	100		
57	2.3	8.2	12.4#



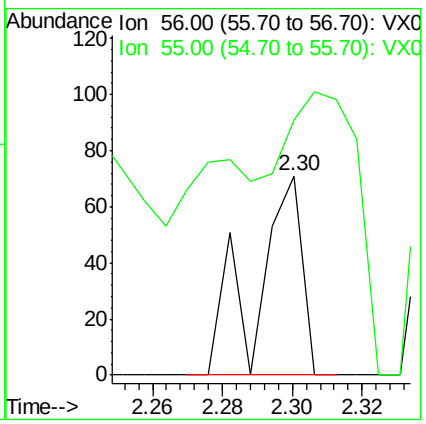


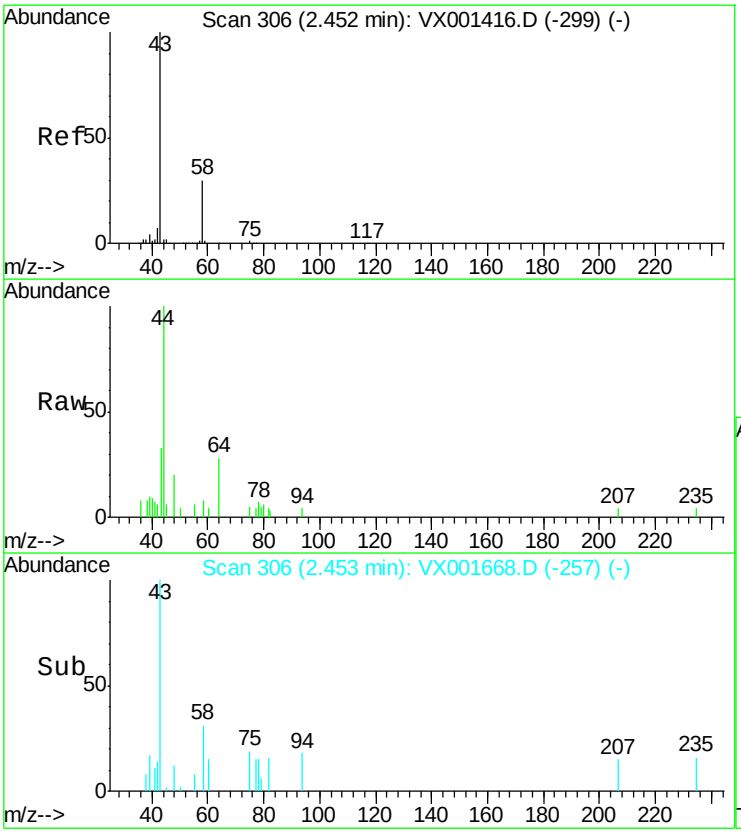
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion: 56 Resp: 64

Ion	Ratio	Lower	Upper
56	100		
55	254.7	54.5	81.7#

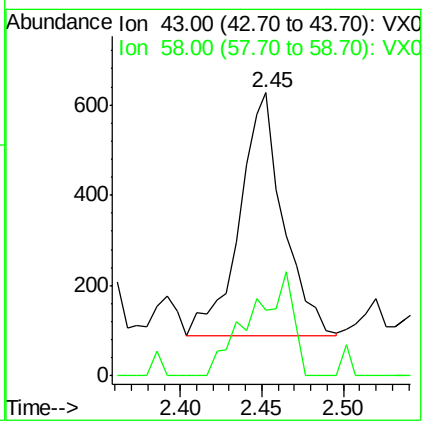


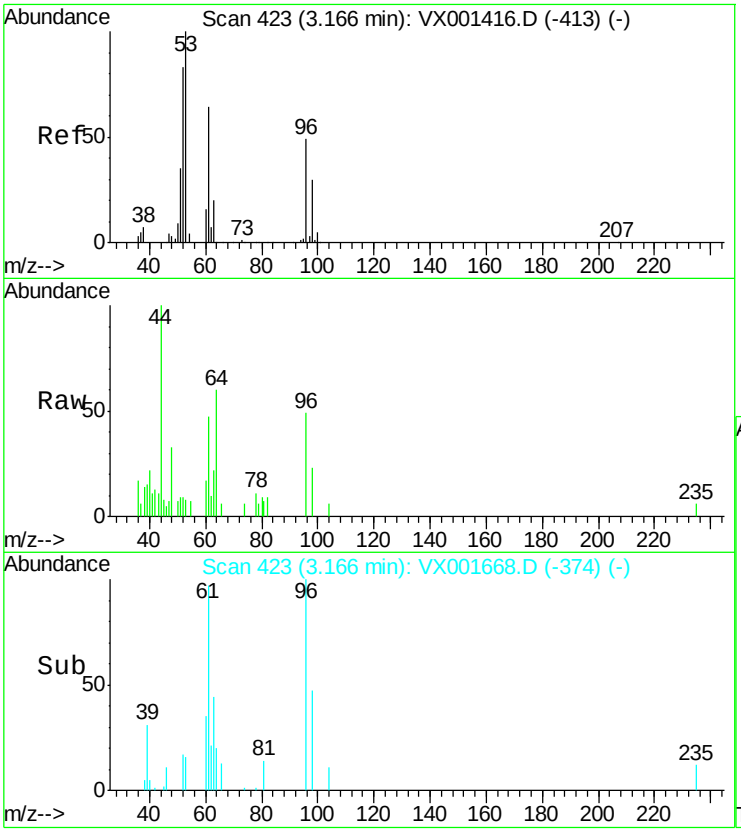


#16
Acetone
Concen: 0.57 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion: 43 Resp: 1008

Ion	Ratio	Lower	Upper
43	100		
58	26.9	23.8	35.8



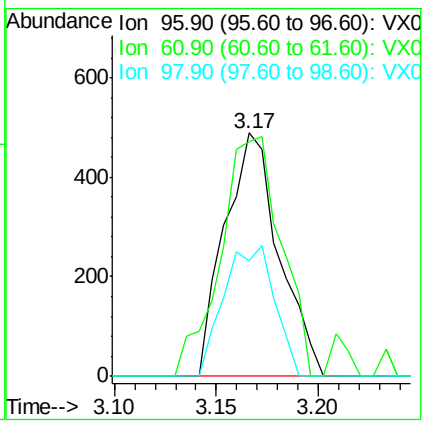


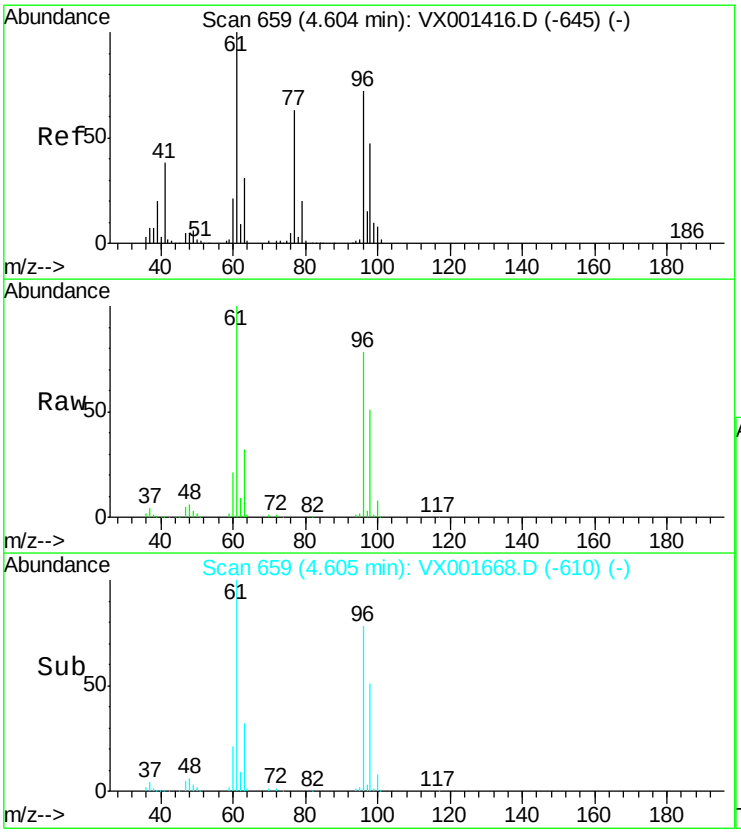
#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion: 96 Resp: 907

Ion	Ratio	Lower	Upper
96	100		
61	80.0	105.0	157.4#
98	47.2	49.9	74.9#

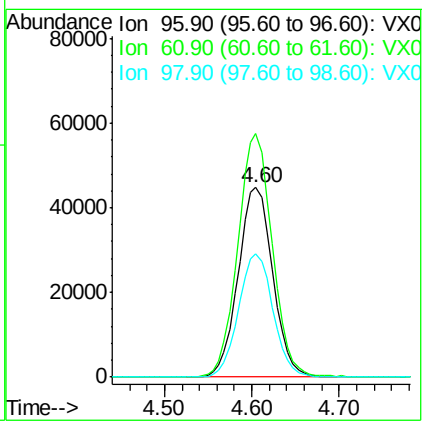


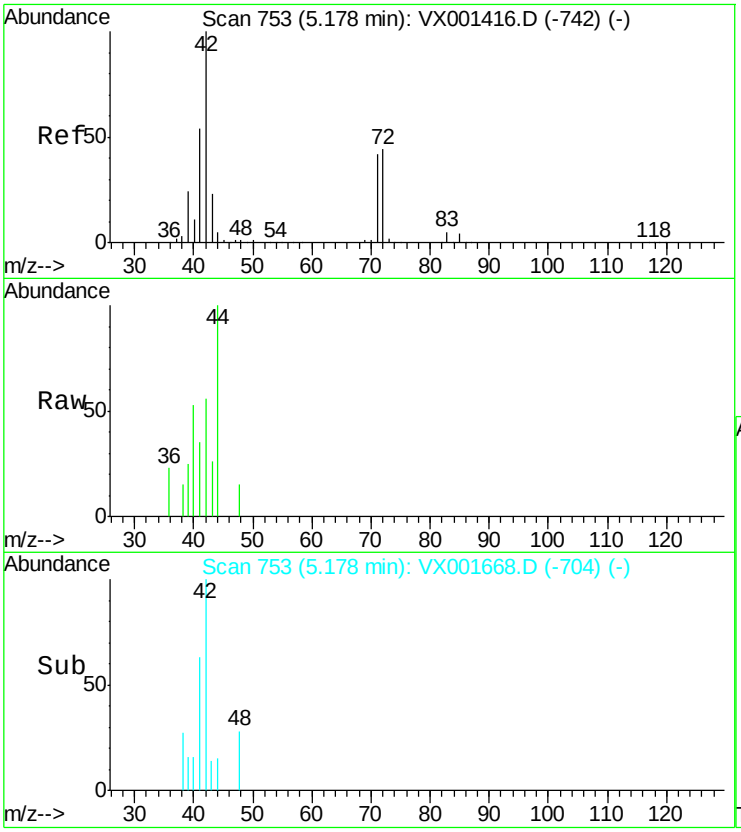


#27
cis-1,2-Dichloroethene
Concen: 34.93 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion: 96 Resp: 123446

Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	301.6
98	64.8	0.0	131.6



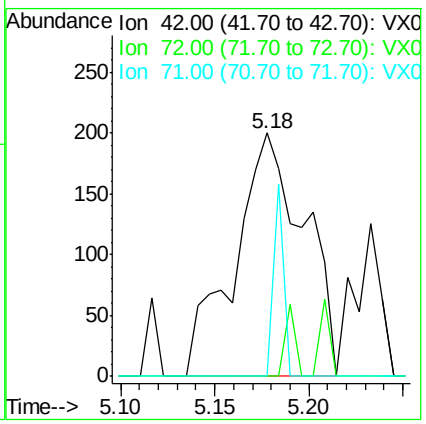


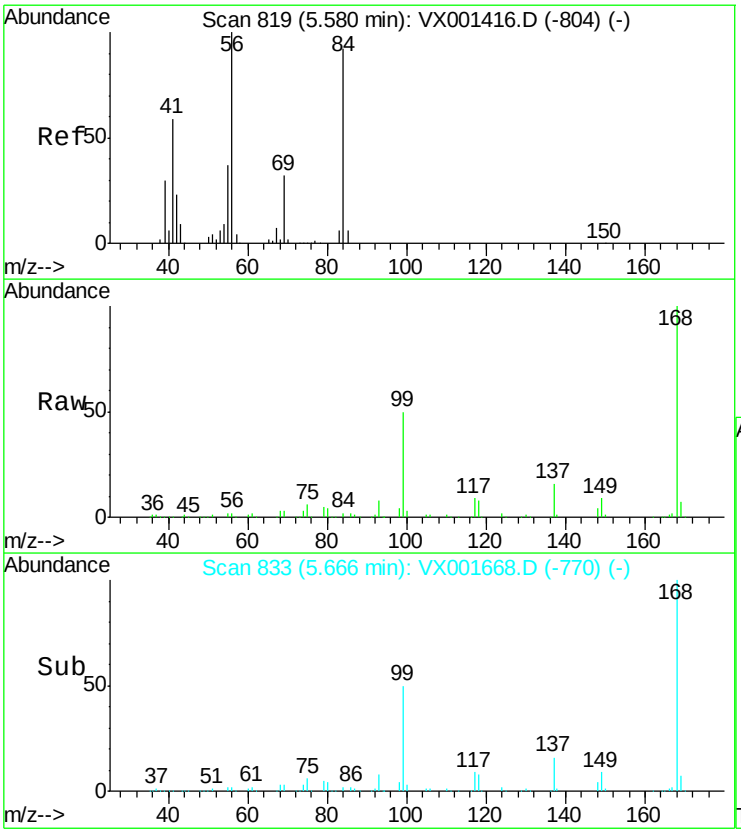
#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion: 42 Resp: 514

Ion	Ratio	Lower	Upper
42	100		
72	4.3	35.4	53.2#
71	11.3	33.0	49.4#

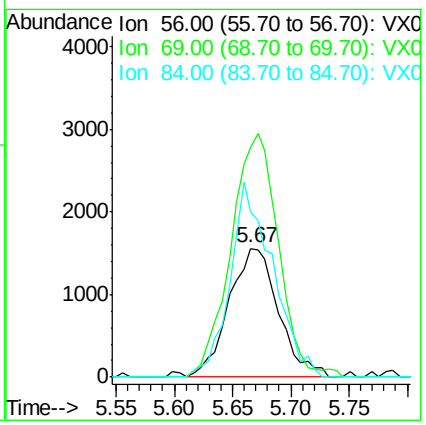


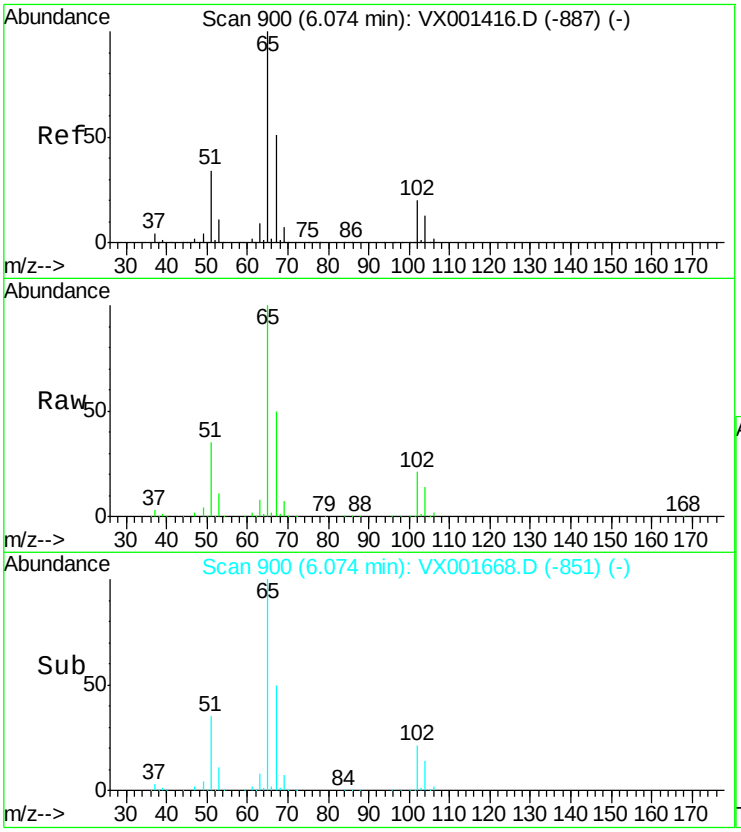


#31
Cyclohexane
Concen: 0.92 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion: 56 Resp: 4596

Ion	Ratio	Lower	Upper
56	100		
69	178.7	25.4	38.0#
84	128.4	73.8	110.8#



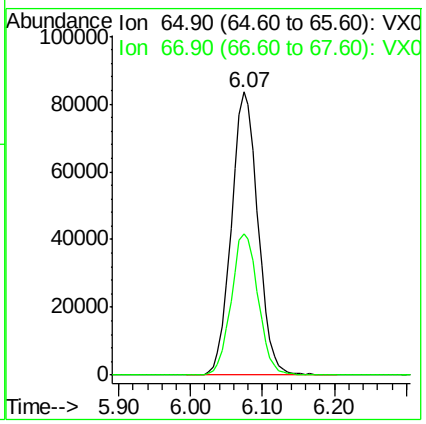


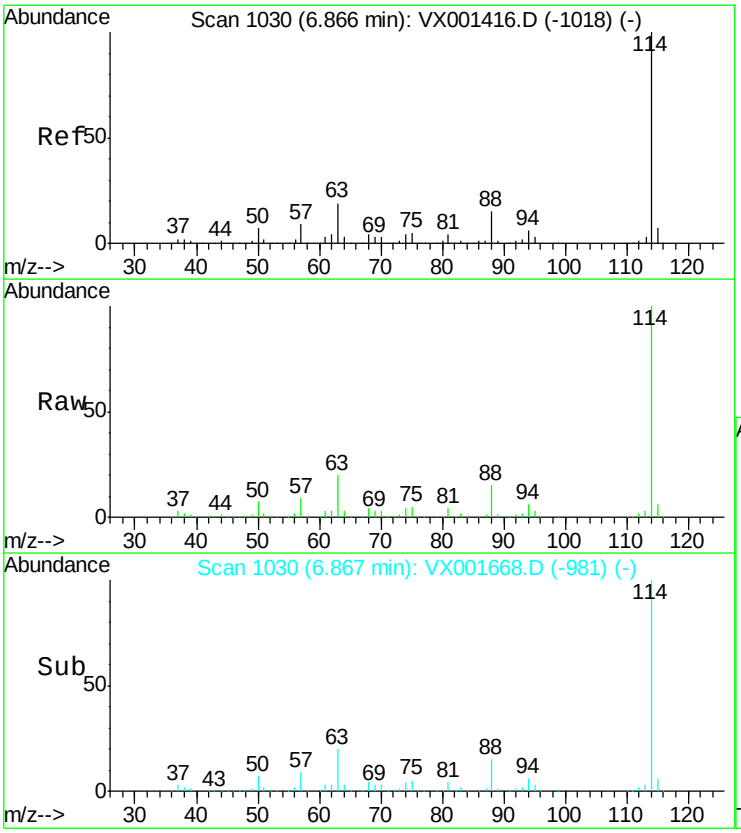
#33
1,2-Dichloroethane-d4
Concen: 55.47 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion: 65 Resp: 214242

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.8

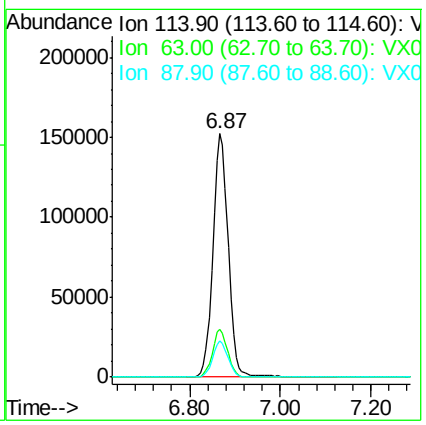


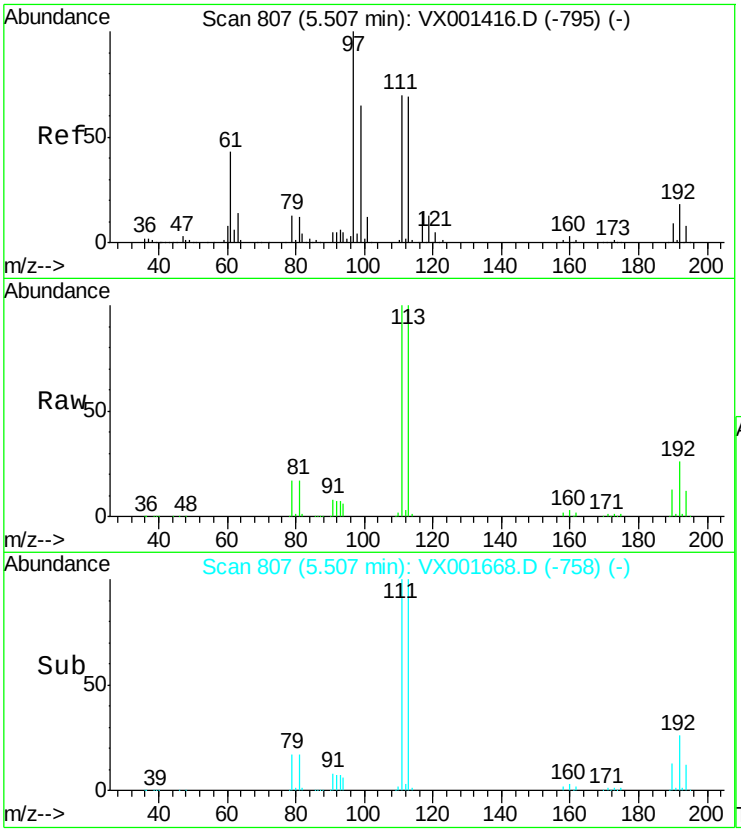


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion:114 Resp: 360080

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.6
88	15.1	0.0	30.8



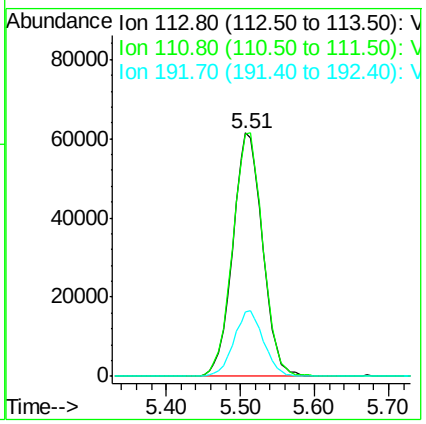


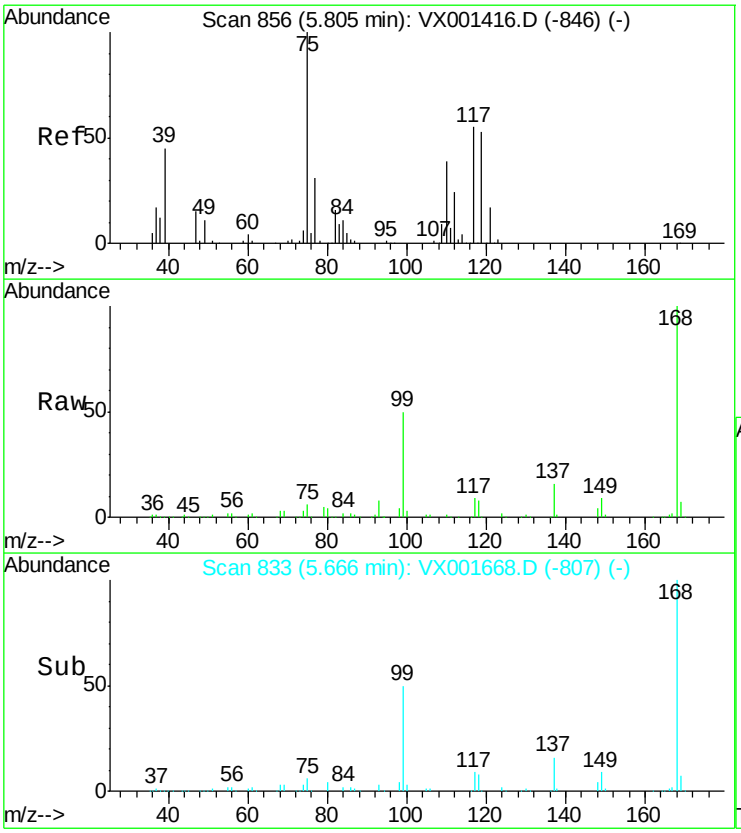
#35
Dibromofluoromethane
Concen: 53.65 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion:113 Resp: 171822

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.2
192	26.6	21.4	32.0

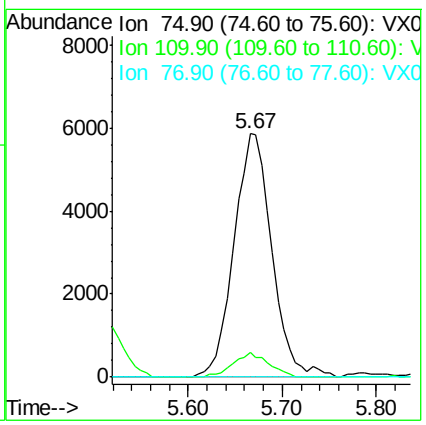


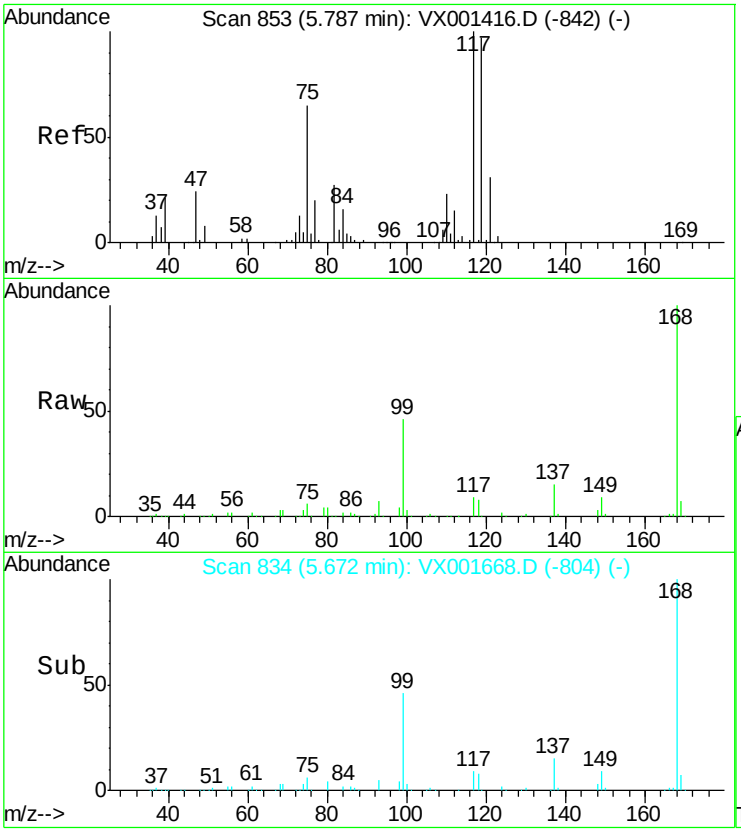


#36
1,1-Dichloropropene
Concen: 3.59 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion: 75 Resp: 16456

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.9	56.7#
77	0.0	24.9	37.3#



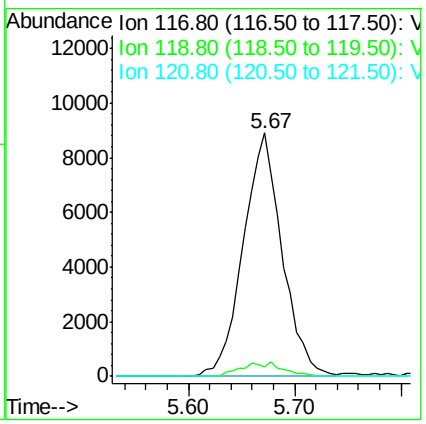


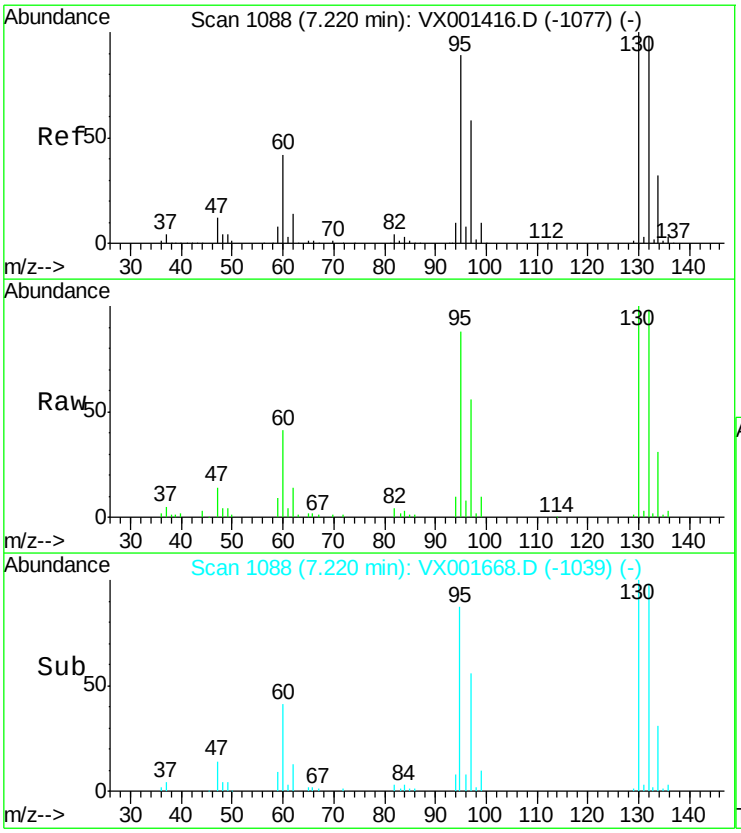
#38
Carbon Tetrachloride
Concen: 4.67 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion:117 Resp: 22798

Ion	Ratio	Lower	Upper
117	100		
119	3.6	77.0	115.6#
121	0.0	25.1	37.7#

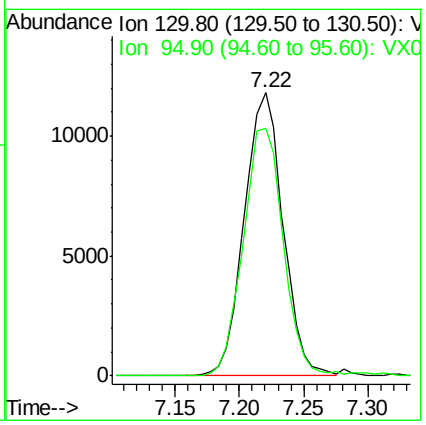


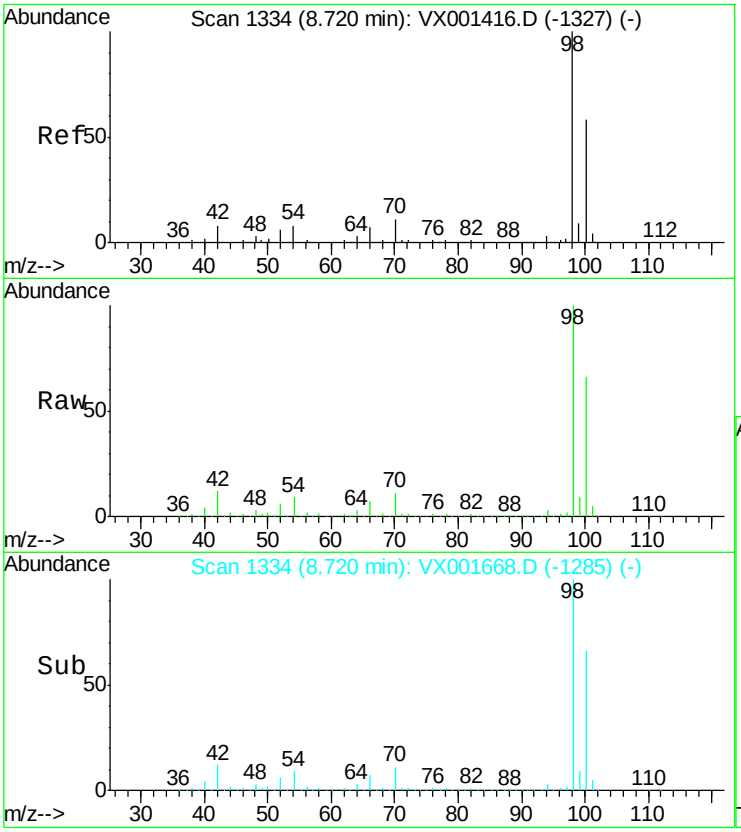


#44
Trichloroethene
Concen: 6.00 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion:130 Resp: 24544

Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	178.4



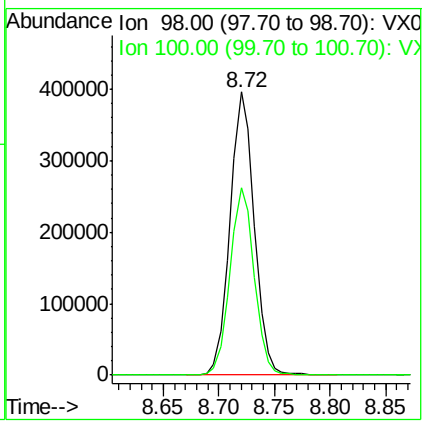


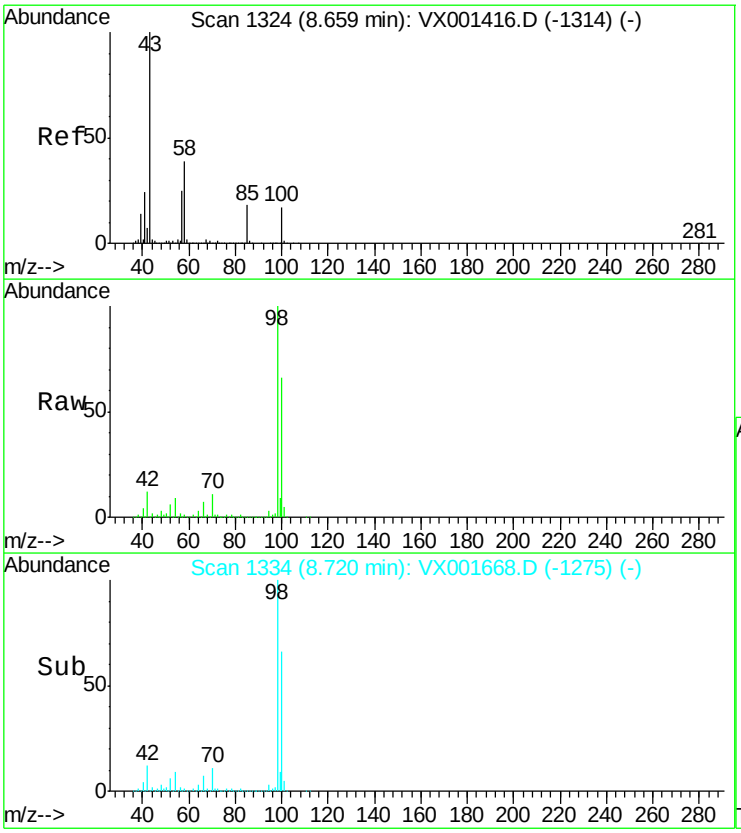
#50
Toluene-d8
Concen: 51.19 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion: 98 Resp: 598510

Ion	Ratio	Lower	Upper
98	100		
100	66.2	54.0	81.0

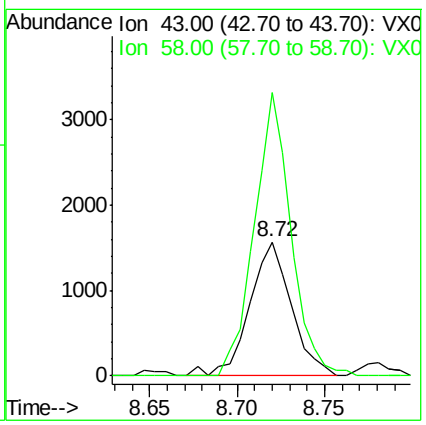


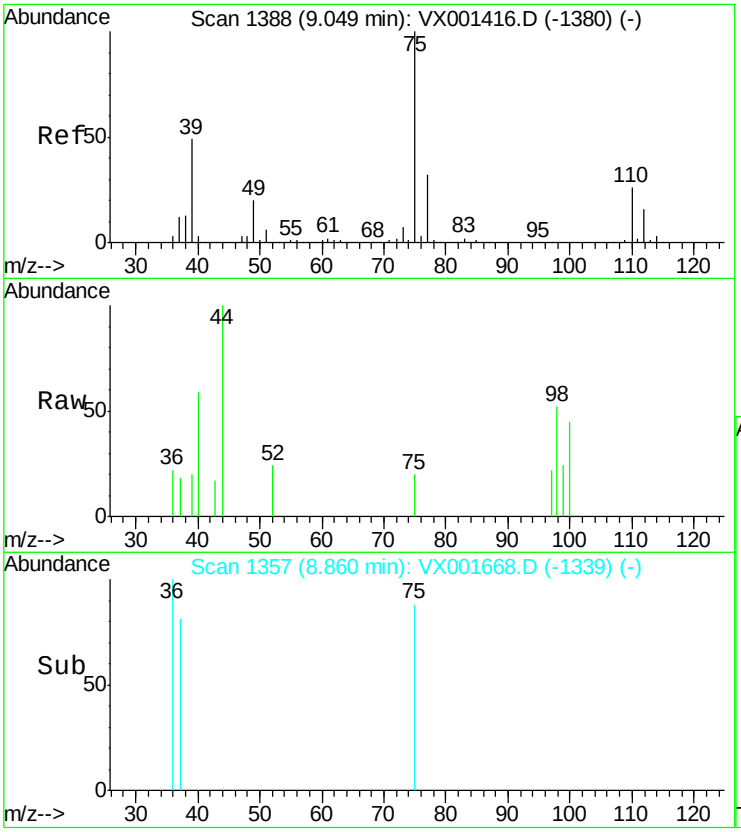


#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion: 43 Resp: 2602

Ion	Ratio	Lower	Upper
43	100		
58	186.3	30.8	46.2#



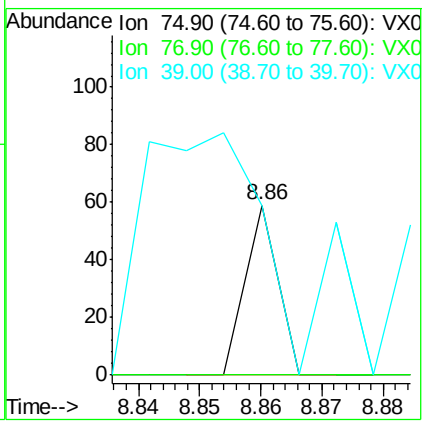


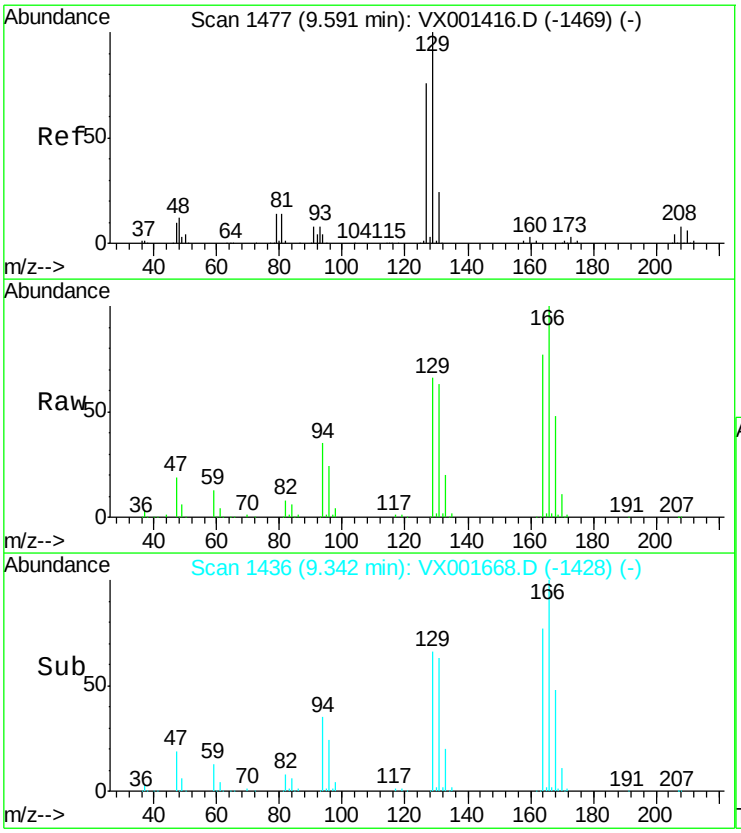
#54
cis-1,3-Dichloropropene
Concen: 2.27 ug/l
RT: 8.86 min Scan# 1357
Delta R.T. -0.19 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion: 75 Resp: 22

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	10.2	38.9	58.3#

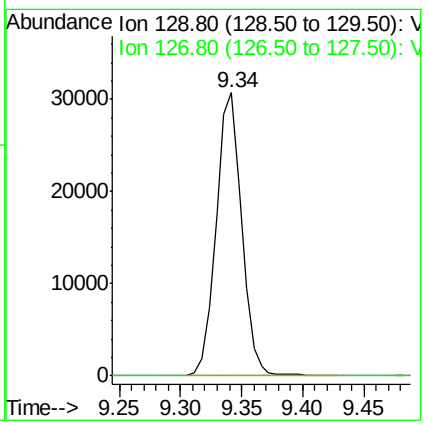


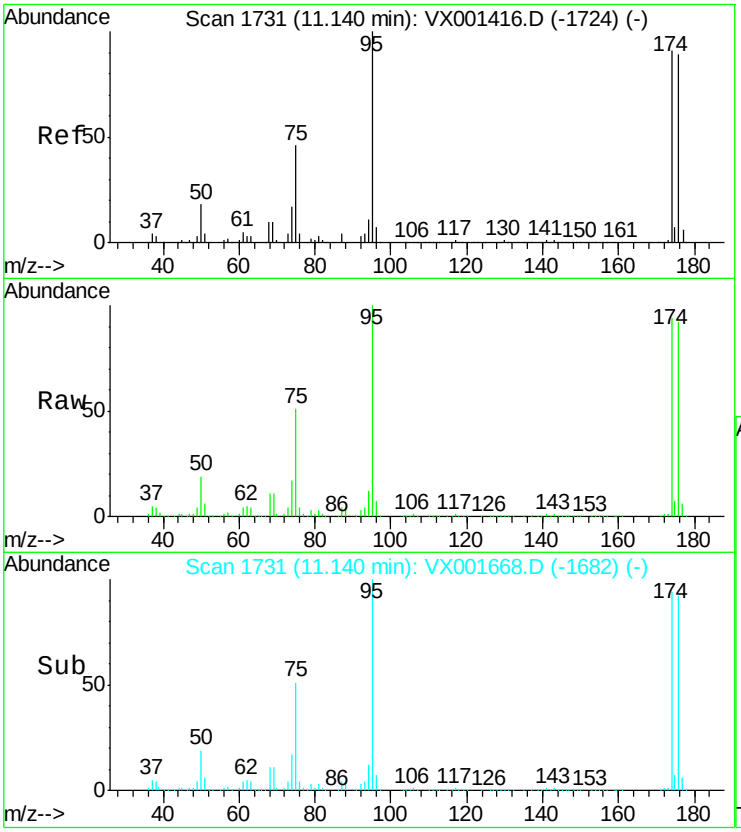


#60
Dibromochloromethane
Concen: 12.40 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion:129 Resp: 44737

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.1	114.5#



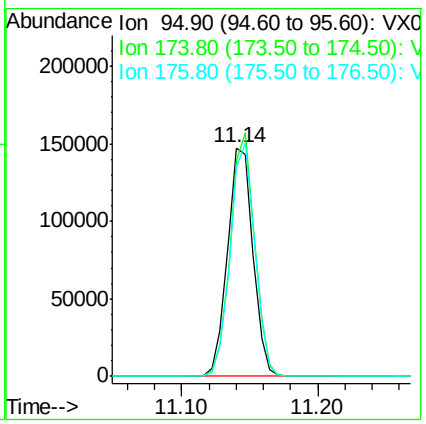


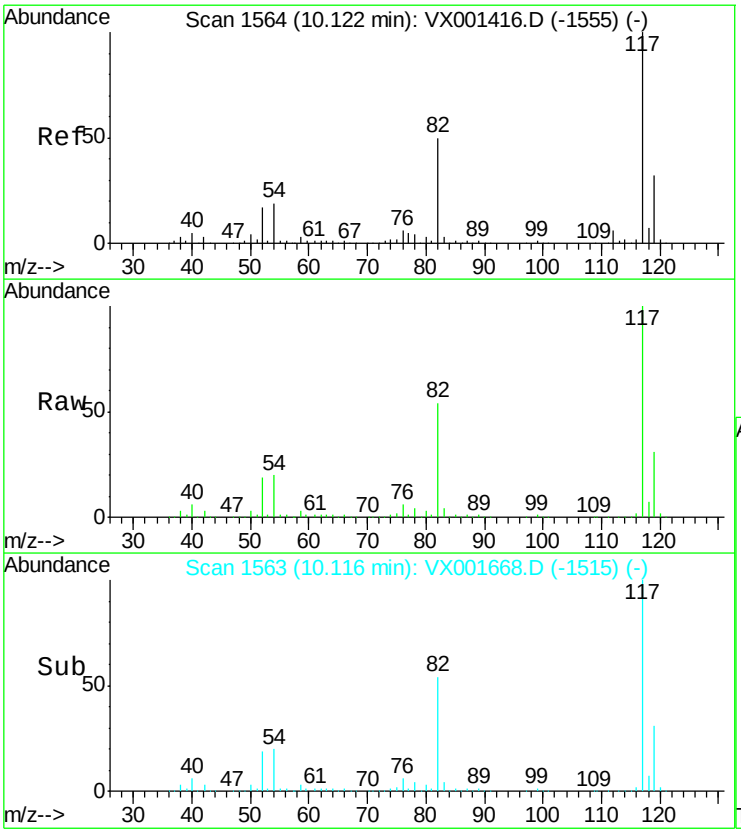
#62
4-Bromofluorobenzene
Concen: 42.64 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion: 95 Resp: 191346

Ion	Ratio	Lower	Upper
95	100		
174	102.1	0.0	202.0
176	98.6	0.0	197.4

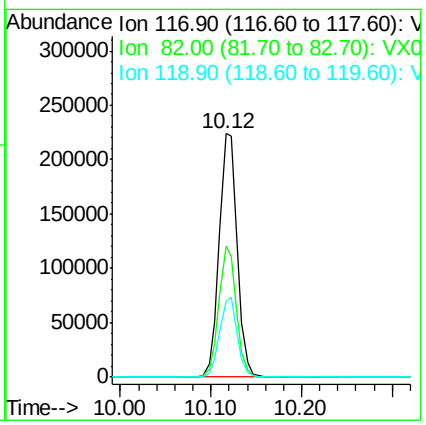


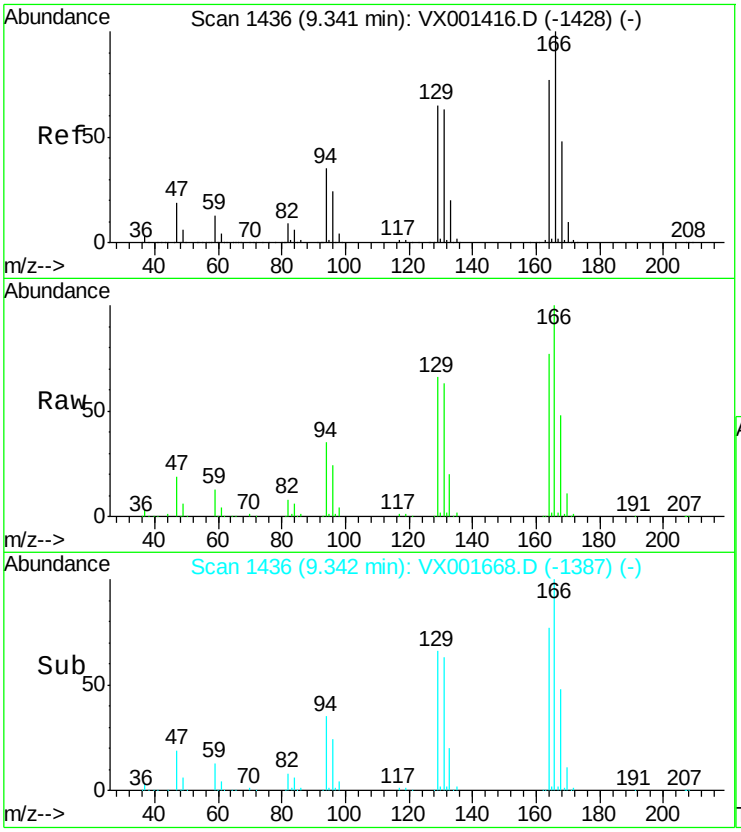


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion:117 Resp: 312230

Ion	Ratio	Lower	Upper
117	100		
82	53.6	40.0	60.0
119	31.4	25.8	38.8



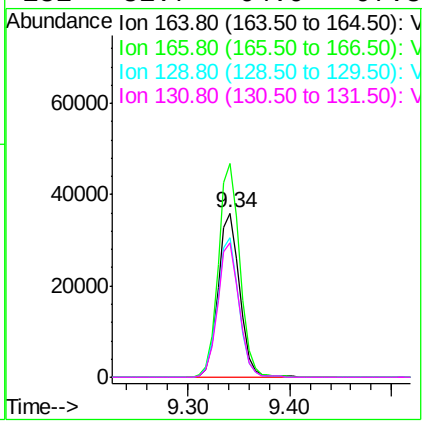


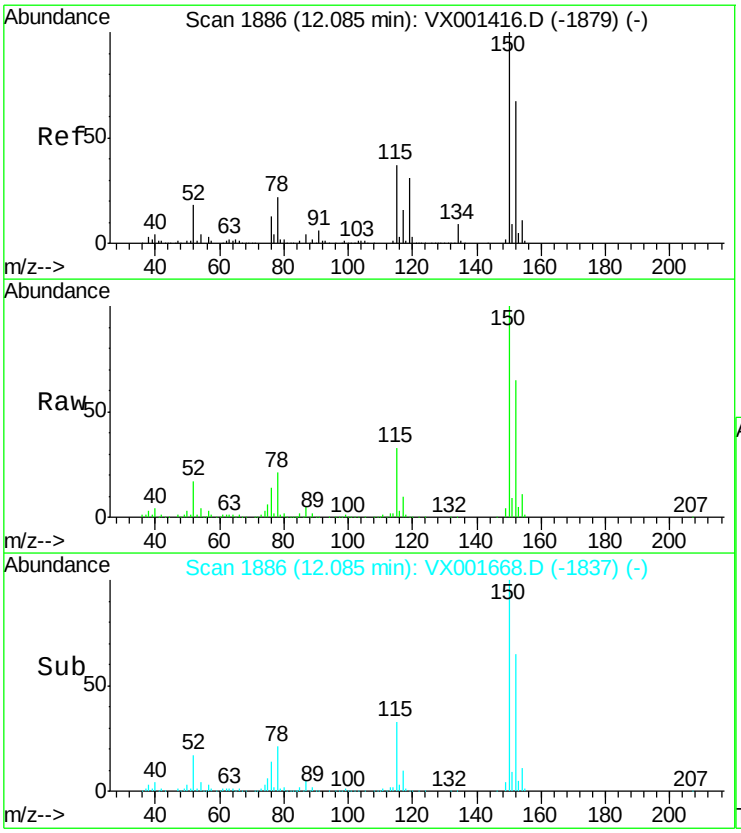
#64
Tetrachloroethene
Concen: 12.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion:164 Resp: 53098

Ion	Ratio	Lower	Upper
164	100		
166	130.0	103.5	155.3
129	85.3	66.7	100.1
131	81.7	64.9	97.3

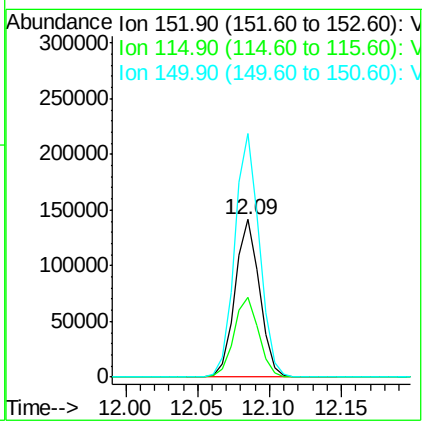


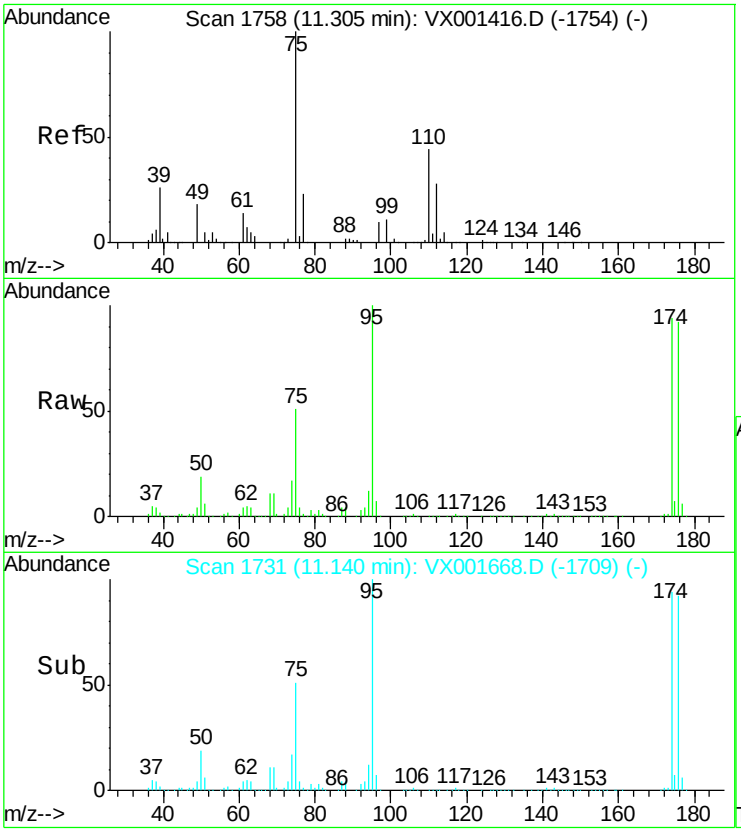


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion:152 Resp: 167564

Ion	Ratio	Lower	Upper
152	100		
115	51.6	37.7	113.1
150	155.1	0.0	349.4



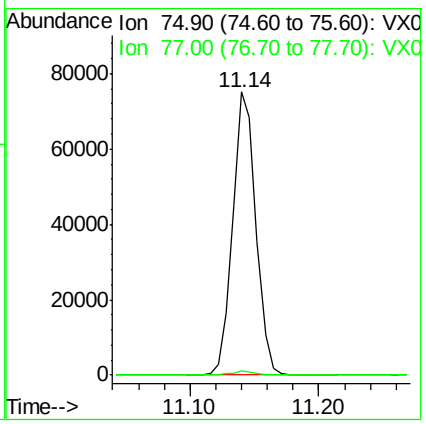


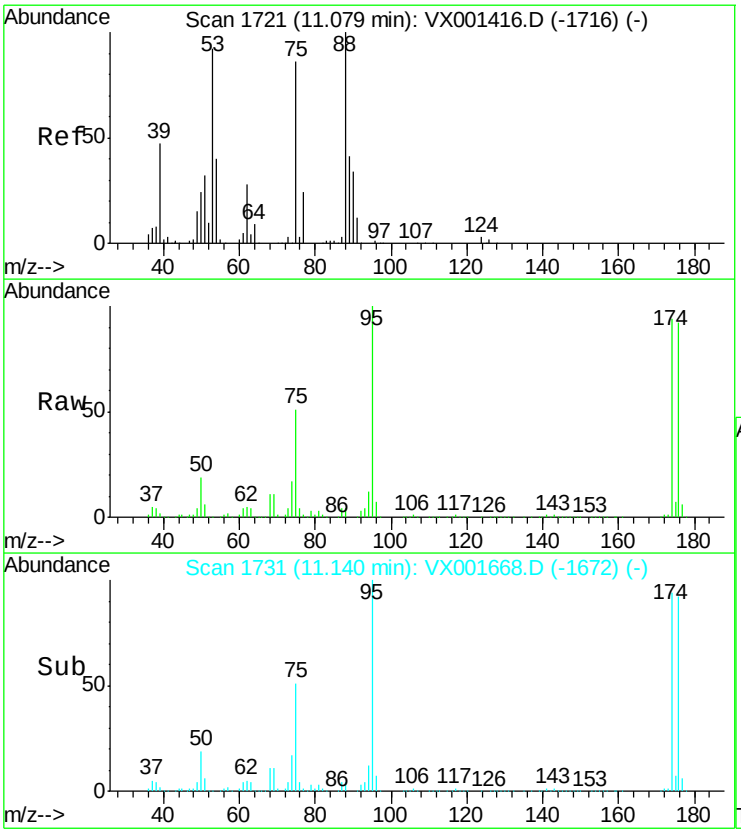
#76
1,2,3-Trichloropropane
Concen: 27.80 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-180501DL

Tgt Ion: 75 Resp: 94460

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.6	58.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.31 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001668.D
Acq: 12 May 2018 15:49

Tgt Ion: 75 Resp: 94460

Ion	Ratio	Lower	Upper
75	100		
53	0.1	84.5	126.7#
89	0.0	39.5	59.3#