Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000588.D
Acq On : 31 Mar 2018 13:12
Operator : JC/MD
Sample : J2142-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:15:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	139440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	238308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	238560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	128431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	93292	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.50%			
35) Dibromofluoromethane	5.51	113	73027	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.26%			
50) Toluene-d8	8.73	98	303447	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.58%			
62) 4-Bromofluorobenzene	11.15	95	108672	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.84%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	929	0.574	ug/l	99
5) Bromomethane	1.65	94	430	0.256	ug/l #	60
6) Chloroethane	1.74	64	321	Below Cal	#	44
10) Methyl Iodide	2.51	142	349	4.463	ug/l #	89
11) Tert butyl alcohol	3.03	59	1076	1.719	ug/l #	77
13) Acrolein	2.30	56	47	14.800	ug/l #	1
14) Allyl chloride	2.73	41	77	Below Cal	#	22
16) Acetone	2.45	43	9721	6.420	ug/l	99
17) Carbon Disulfide	2.57	76	1358	0.353	ug/l #	92
18) Methyl Acetate	2.78	43	1436	0.452	ug/l #	78
20) Methylene Chloride	2.87	84	2827	1.616	ug/l #	79
25) 2-Butanone	4.73	43	1437	0.844	ug/l #	87
36) 1,1-Dichloropropene	5.68	75	10579	4.739	ug/l #	52
38) Carbon Tetrachloride	5.67	117	13958	5.960	ug/l #	16
43) Isopropyl Acetate	6.48	43	1970	0.434	ug/l #	87
51) 4-Methyl-2-Pentanone	8.66	43	1191	0.339	ug/l #	68
52) Toluene	8.79	92	2811	0.620	ug/l	85
60) Dibromochloromethane	9.58	129	20	4.125	ug/l #	12
67) Ethyl Benzene	10.26	91	5191	0.577	ug/l	89
68) m/p-Xylenes	10.36	106	4331	1.223	ug/l	99
69) o-Xylene	10.70	106	1842	0.537	ug/l	86
70) Styrene	10.72	104	2677	0.472	ug/l	93
74) N-amyl acetate	6.48	43	1970	Below Cal	#	89
76) 1,2,3-Trichloropropane	11.15	75	60991	22.097	ug/l #	35
79) 2-Chlorotoluene	11.45	91	1283	0.219	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	2707	0.378	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.15	75	60991	71.541	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	9433	1.257	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	2760	0.916	ug/l	96
95) Naphthalene	13.84	128	191771	18.274	ug/l	100

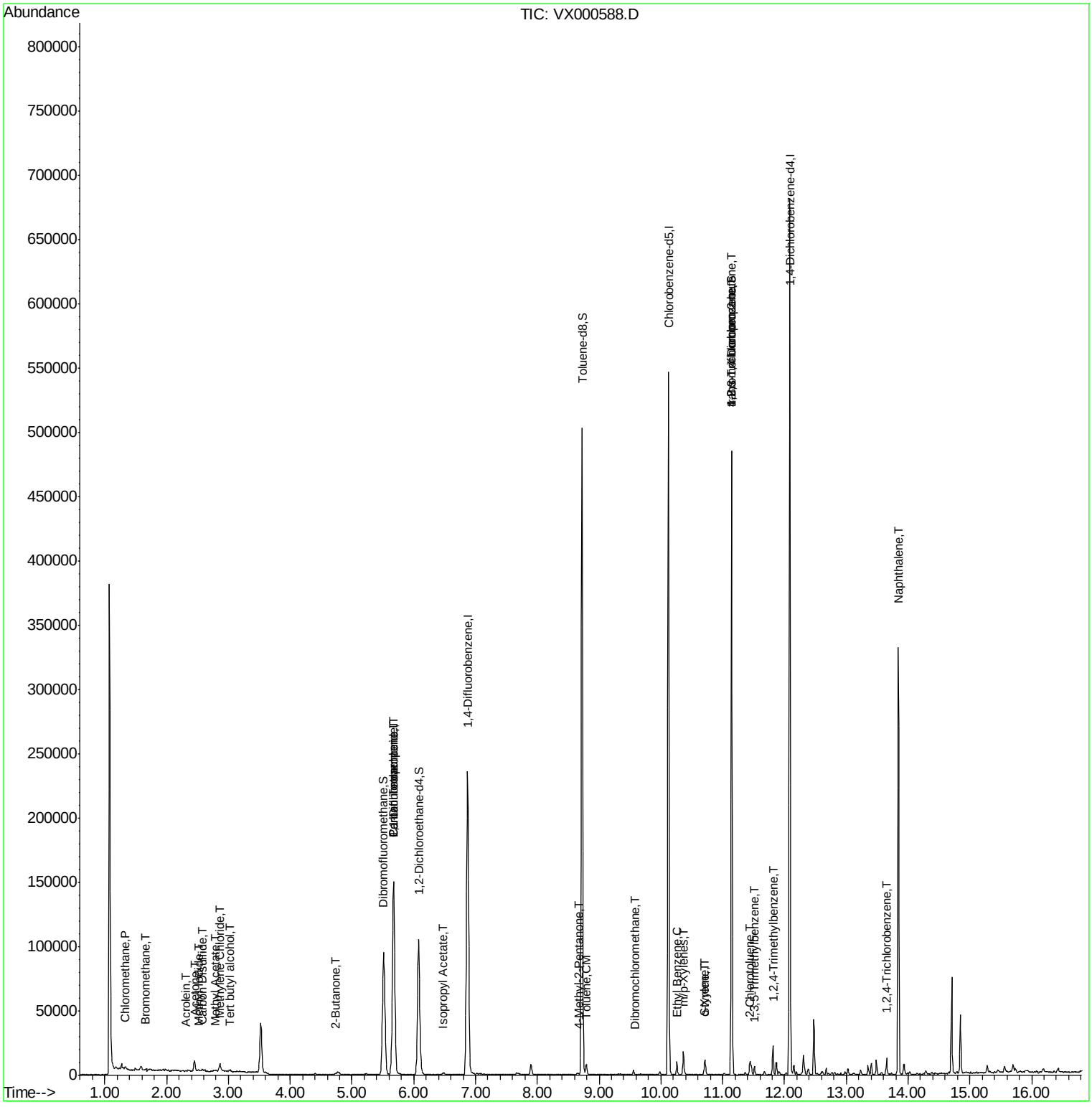
(#) = qualifier out of range (m) = manual integration (+) = signals summed

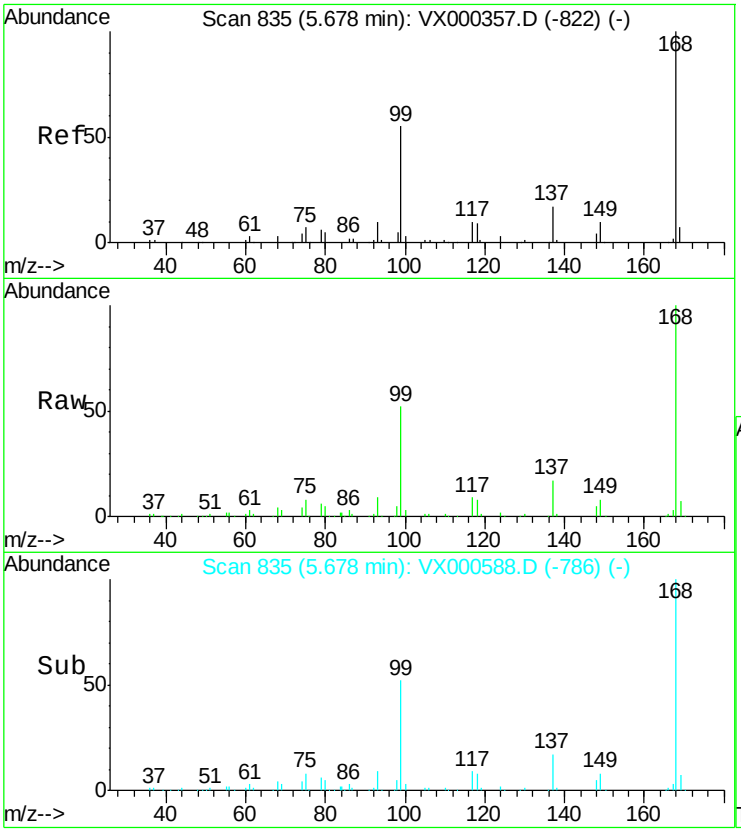
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000588.D
Acq On : 31 Mar 2018 13:12
Operator : JC/MD
Sample : J2142-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 02 05:15:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration



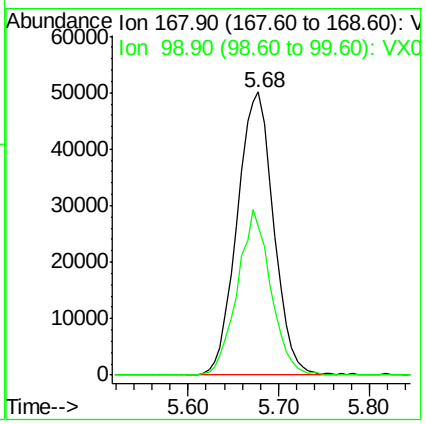


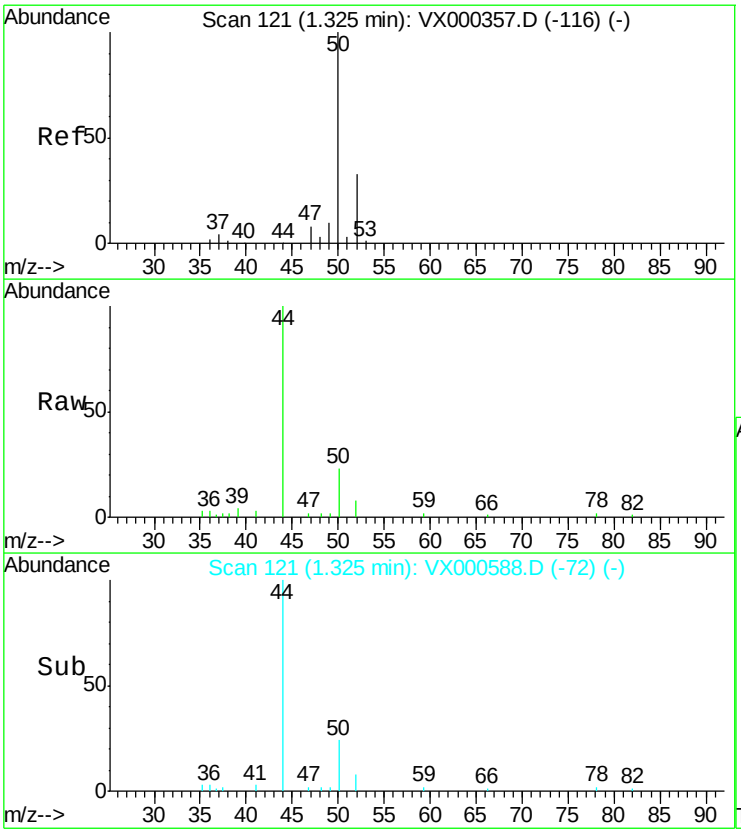
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 139440

Ion	Ratio	Lower	Upper
168	100		
99	52.5	45.8	68.6

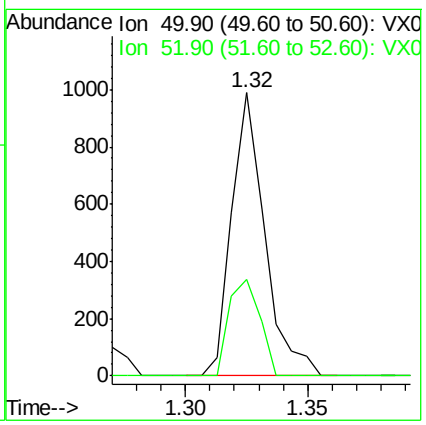


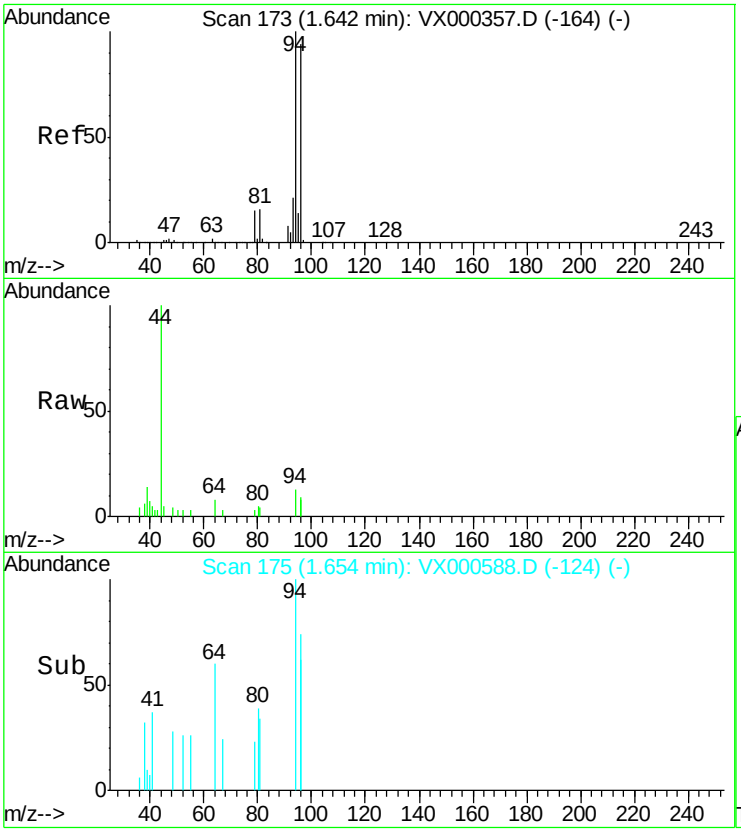


#3
Chloromethane
Concen: 0.574 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 50 Resp: 929

Ion	Ratio	Lower	Upper
50	100		
52	33.9	27.5	41.3



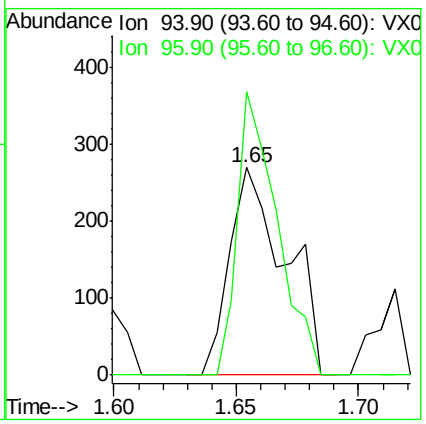


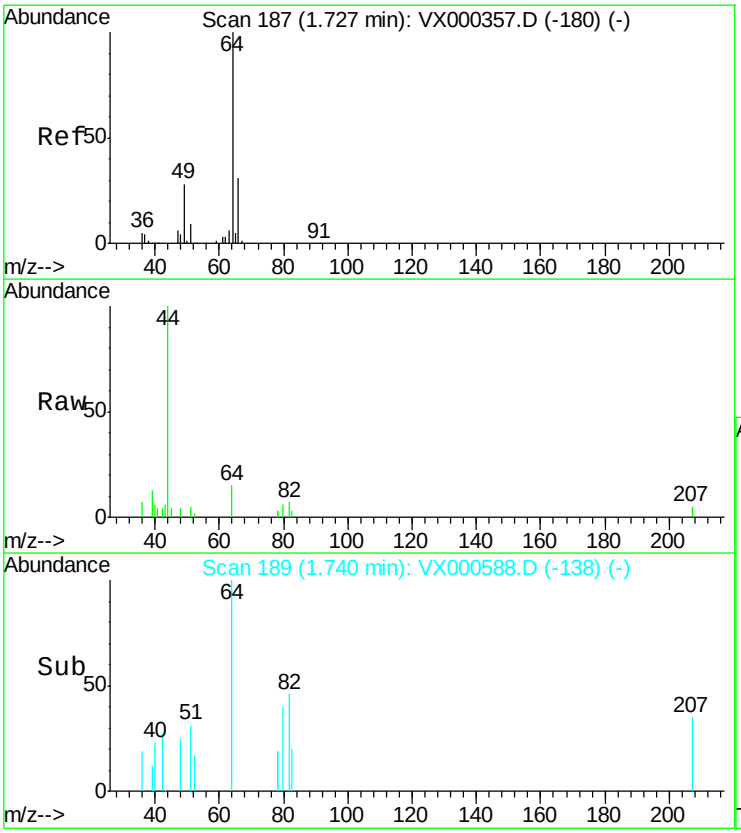
#5
Bromomethane
Concen: 0.256 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 430

Ion	Ratio	Lower	Upper
94	100		
96	136.3	77.7	116.5#

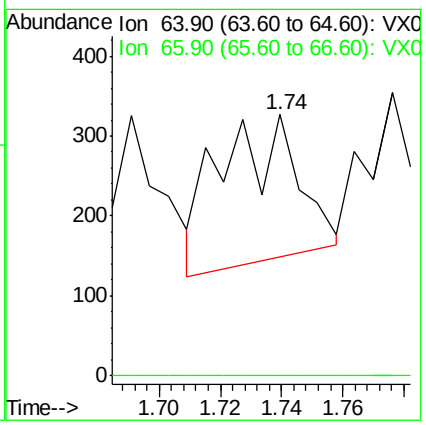


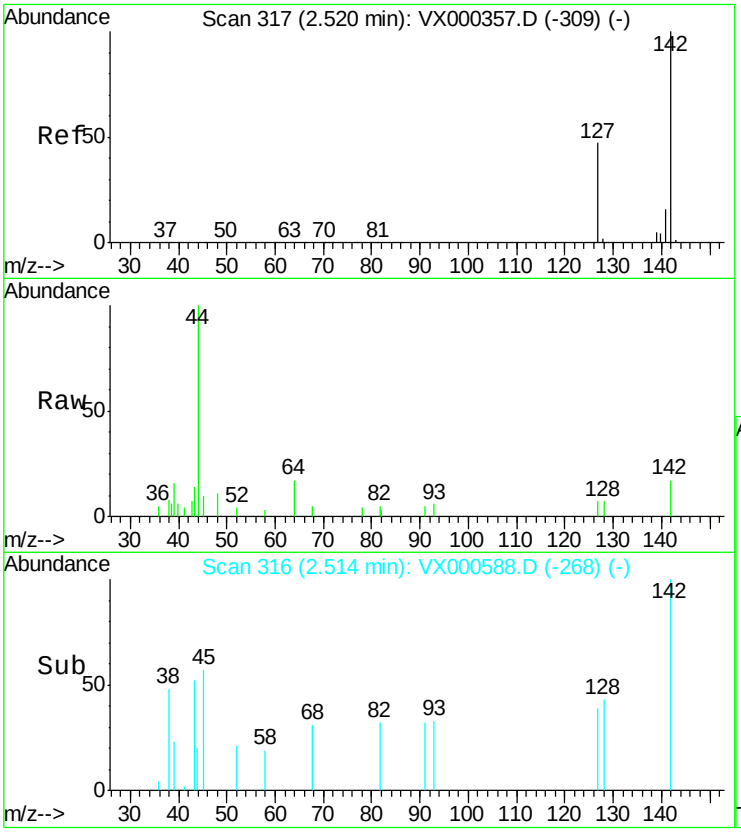


#6
Chloroethane
Concen: Below Cal
RT: 1.74 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 64 Resp: 321

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



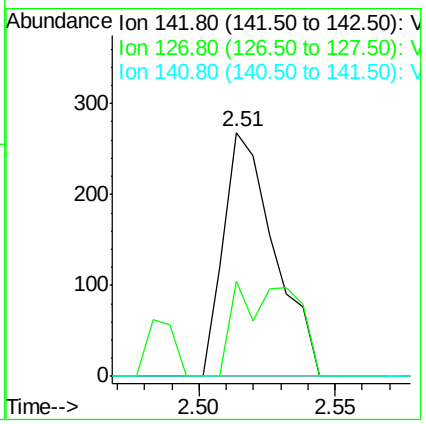


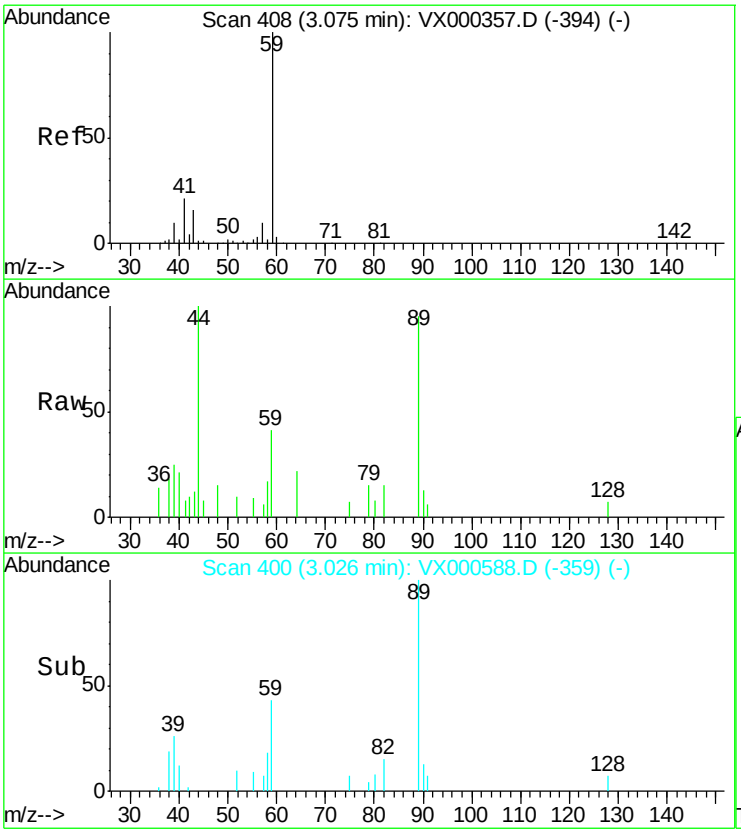
#10
Methyl Iodide
Concen: 4.463 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 349

Ion	Ratio	Lower	Upper
142	100		
127	46.1	39.2	58.8
141	0.0	11.7	17.5#

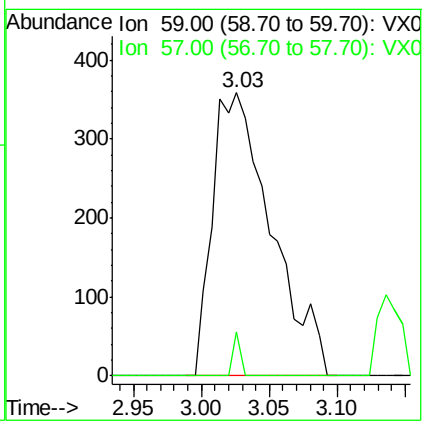


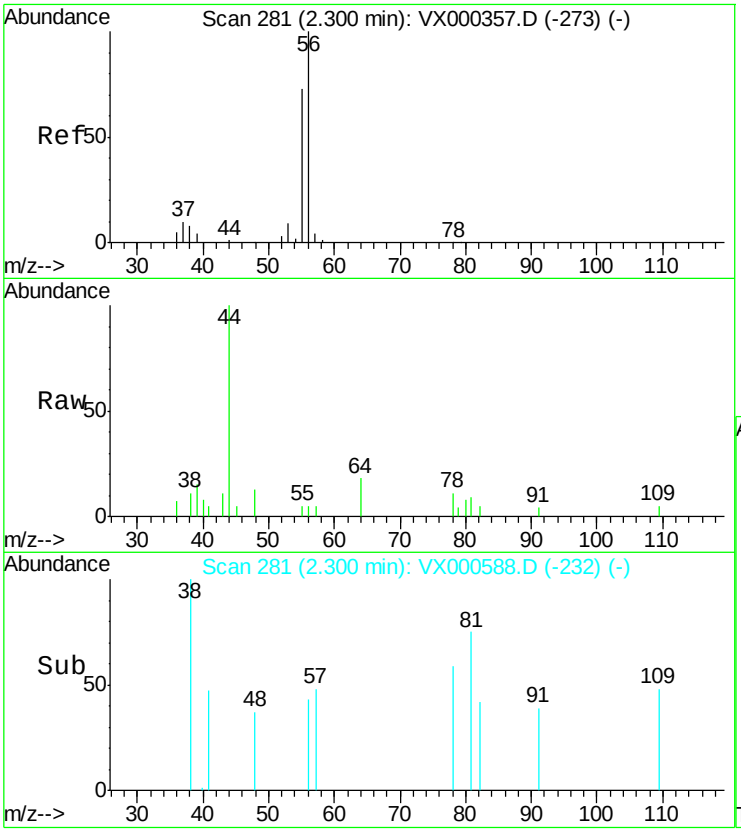


#11
Tert butyl alcohol
Concen: 1.719 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 59 Resp: 1076

Ion	Ratio	Lower	Upper
59	100		
57	1.9	8.4	12.6#



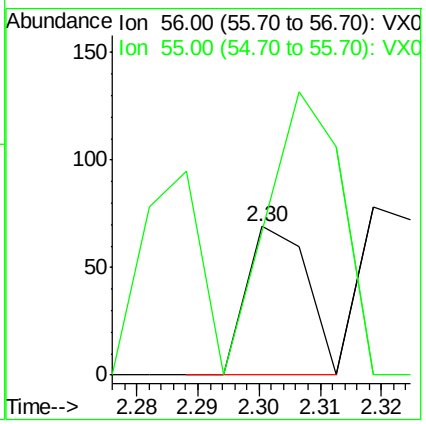


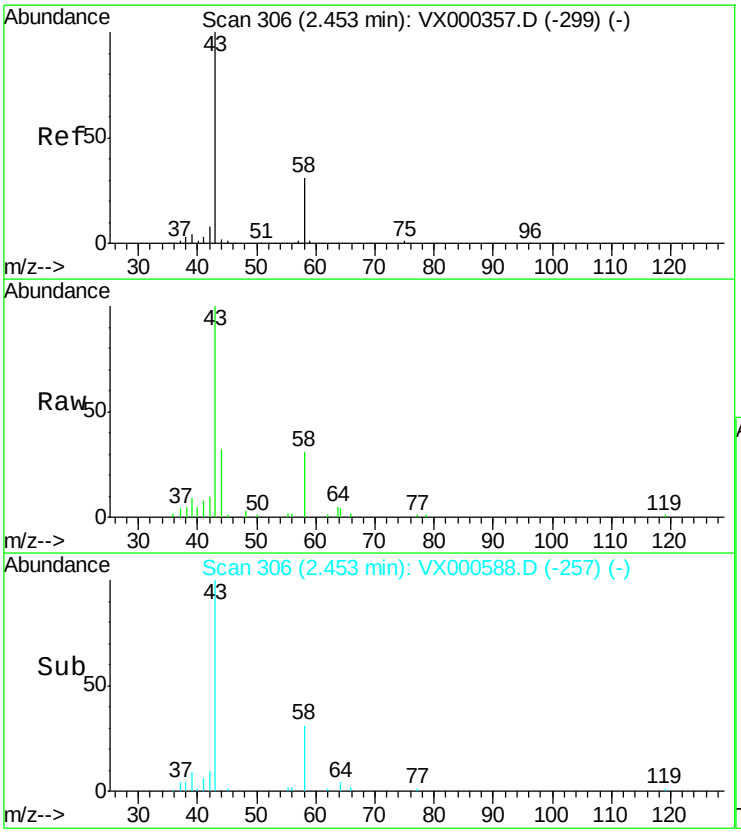
#13
Acrolein
Concen: 14.800 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 47

Ion	Ratio	Lower	Upper
56	100		
55	238.3	58.8	88.2#

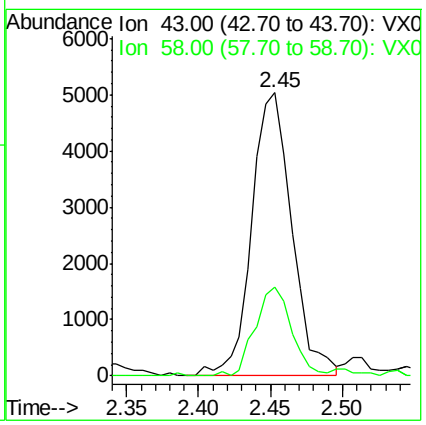


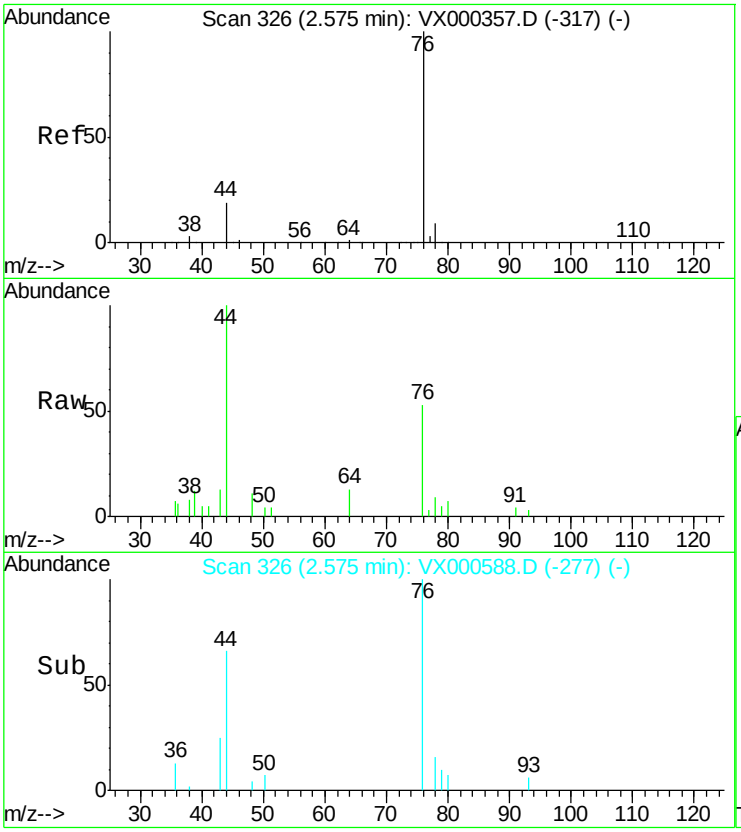


#16
Acetone
Concen: 6.420 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 43 Resp: 9721

Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.7	37.1



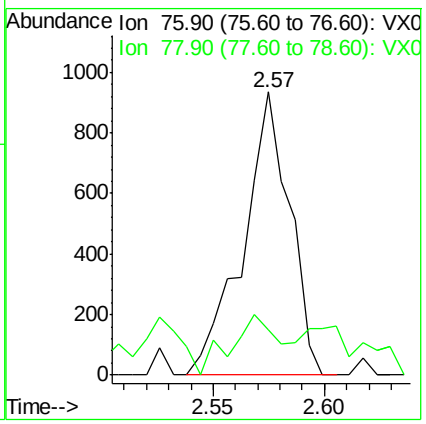


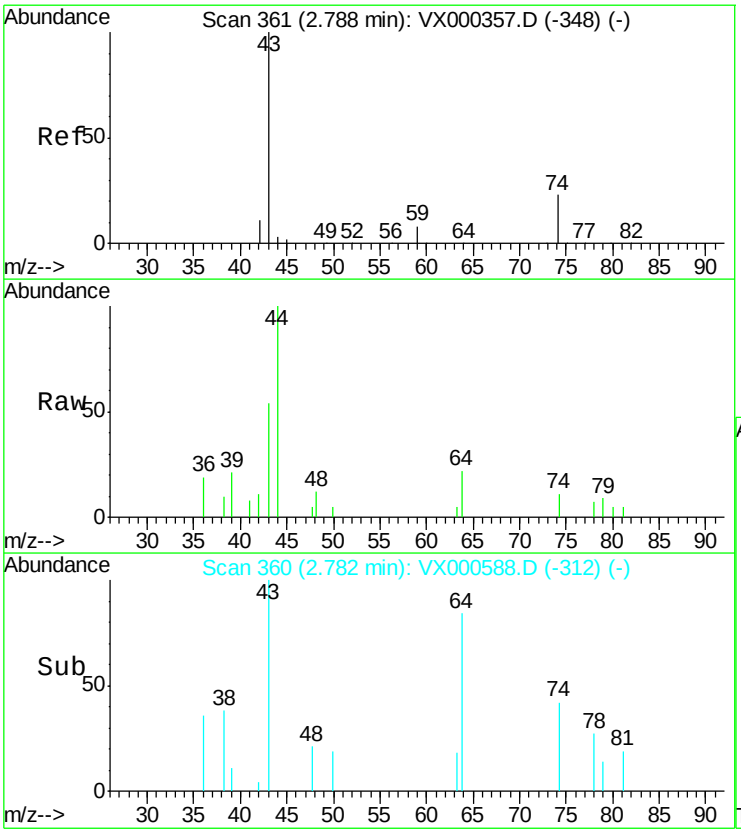
#17
Carbon Disulfide
Concen: 0.353 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1358

Ion	Ratio	Lower	Upper
76	100		
78	6.0	7.0	10.6#

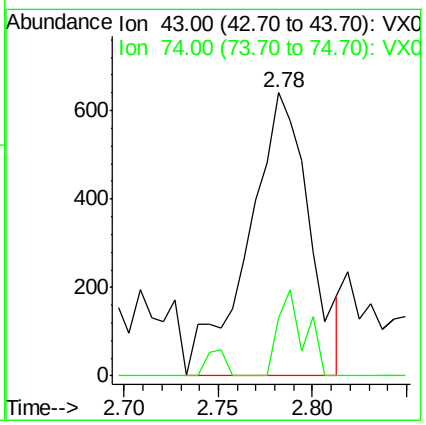


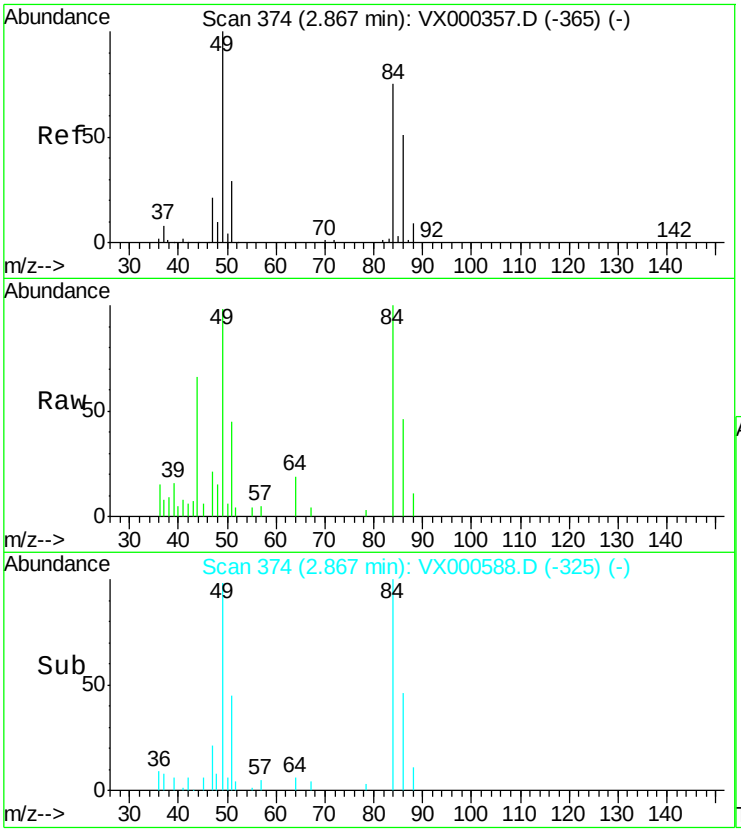


#18
Methyl Acetate
Concen: 0.452 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 43 Resp: 1436

Ion	Ratio	Lower	Upper
43	100		
74	13.2	19.4	29.2#



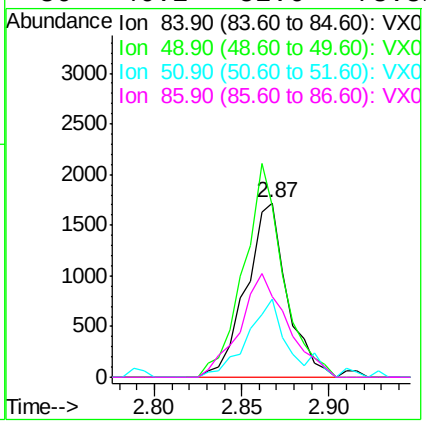


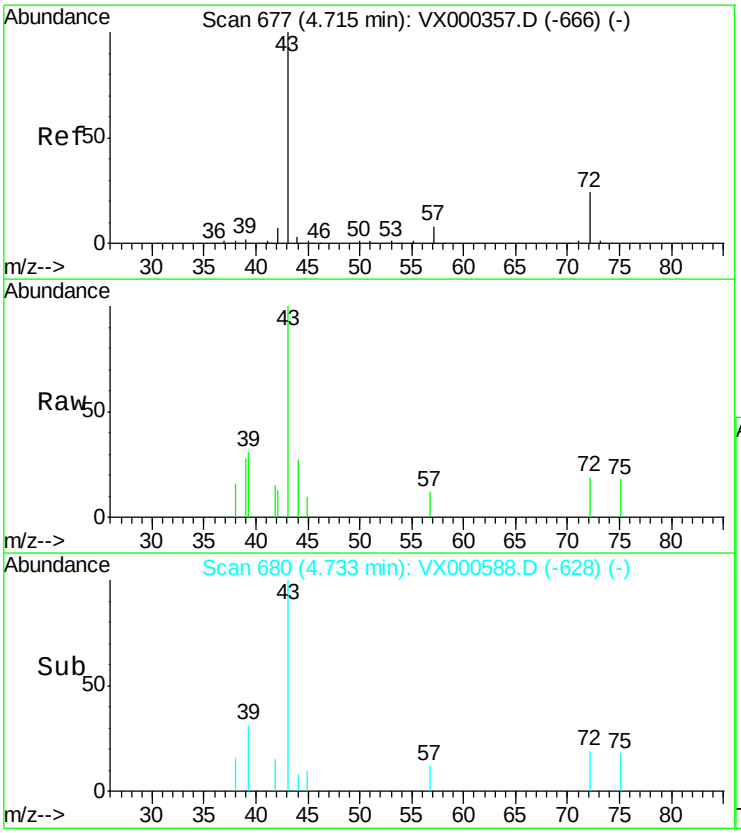
#20
Methylene Chloride
Concen: 1.616 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2827

Ion	Ratio	Lower	Upper
84	100		
49	98.5	100.6	151.0#
51	44.7	31.6	47.4
86	46.2	52.6	78.8#

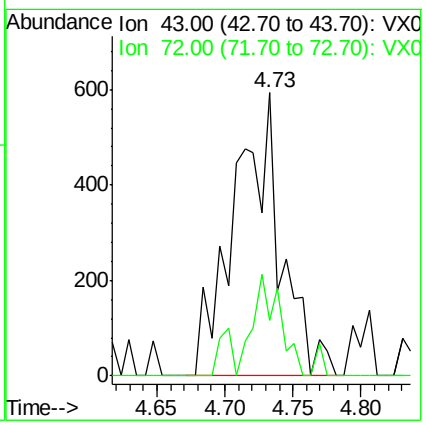


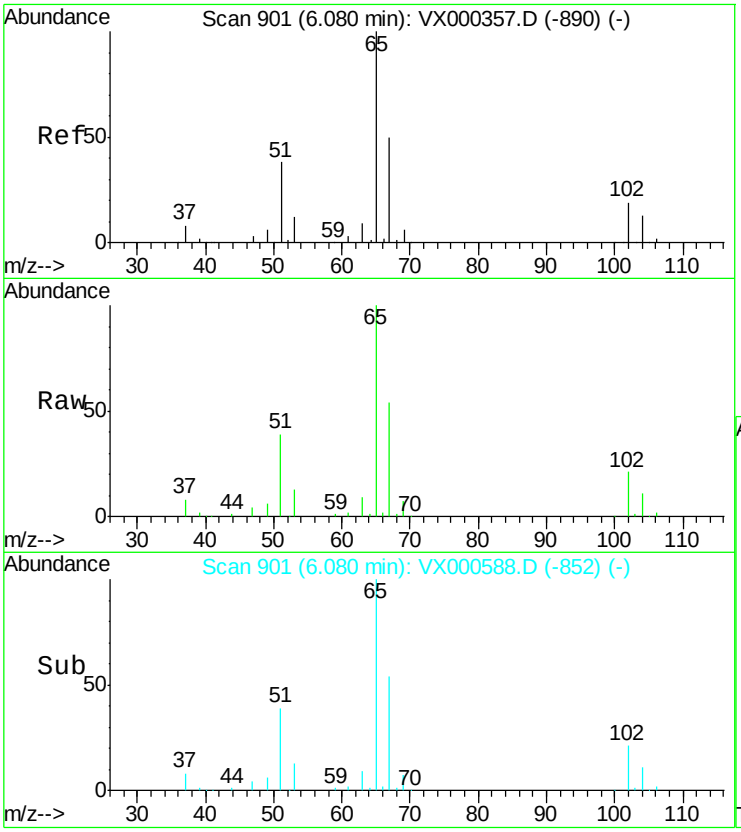


#25
2-Butanone
Concen: 0.844 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.02 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 43 Resp: 1437

Ion	Ratio	Lower	Upper
43	100		
72	19.4	21.0	31.6#



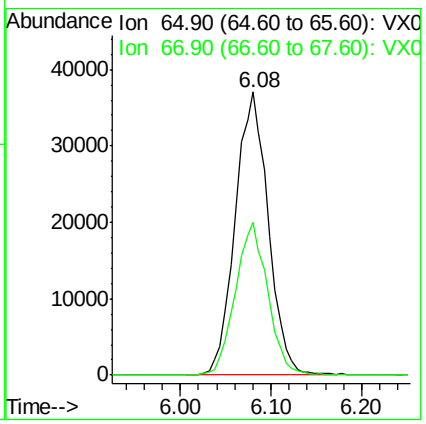


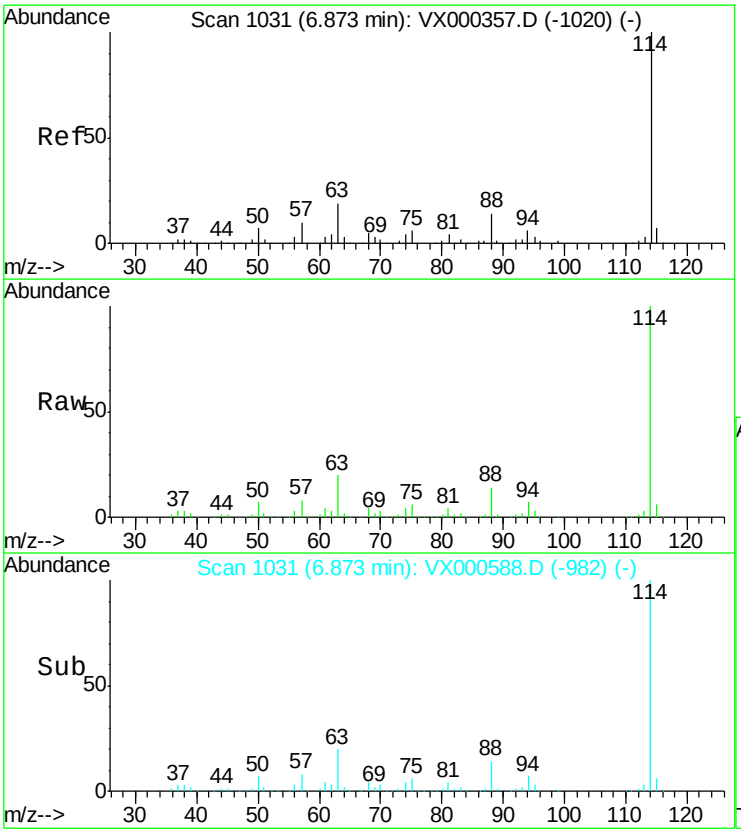
#33
1,2-Dichloroethane-d4
Concen: 51.254 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 93292

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.2

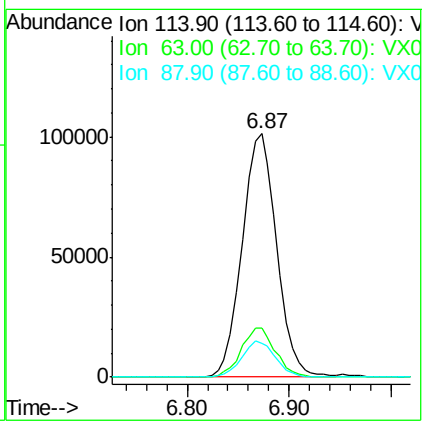


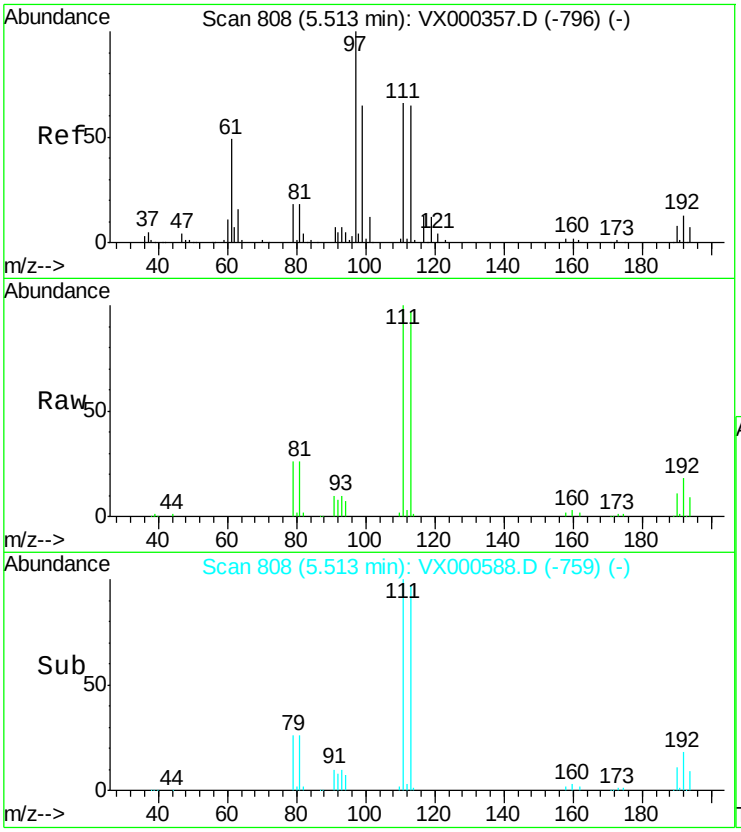


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion:114 Resp: 238308

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.4
88	14.0	0.0	27.0



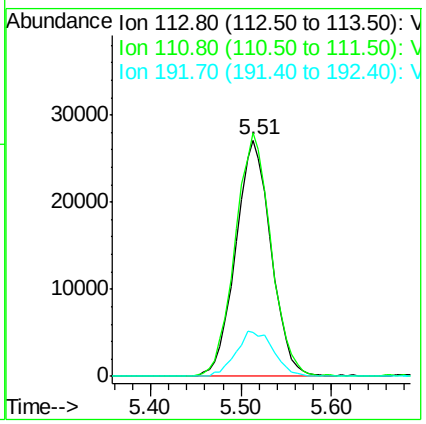


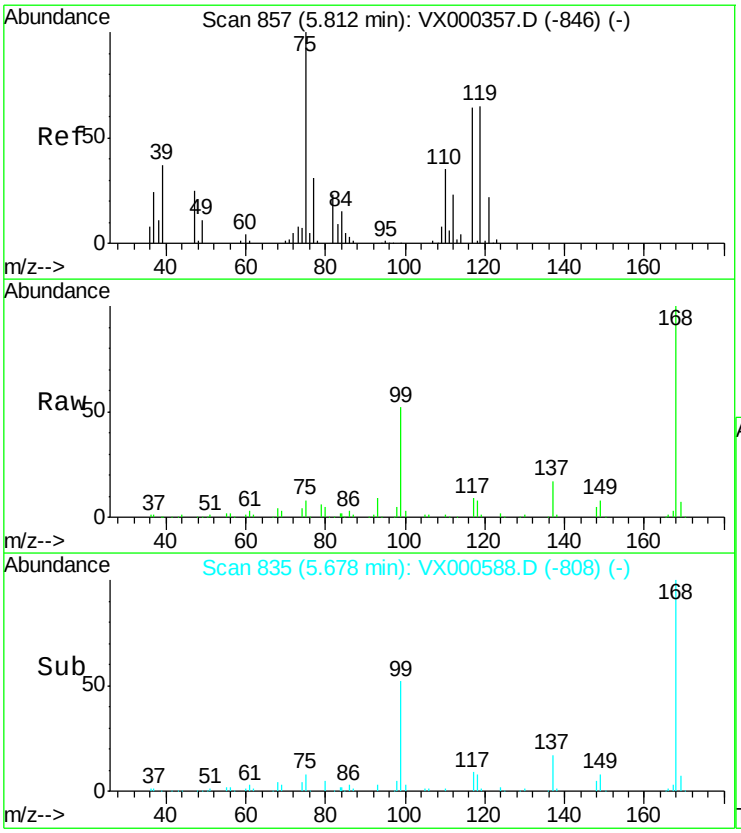
#35
Dibromofluoromethane
Concen: 48.635 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 73027

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.4	123.6
192	20.3	15.8	23.6

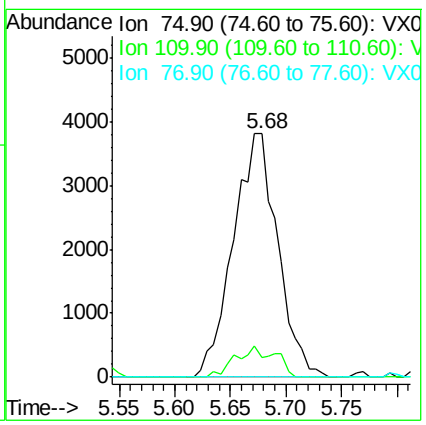


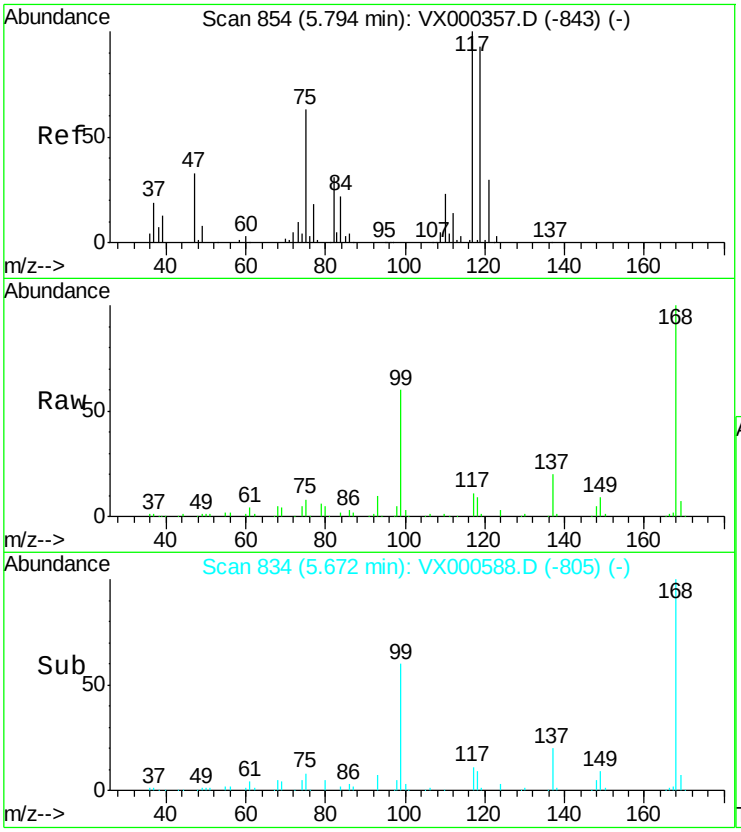


#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 75 Resp: 10579

Ion	Ratio	Lower	Upper
75	100		
110	11.3	17.9	53.7#
77	0.0	24.0	36.0#



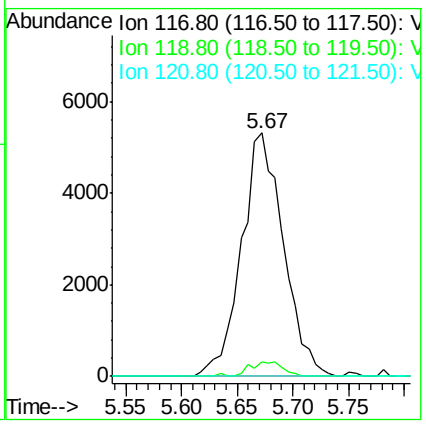


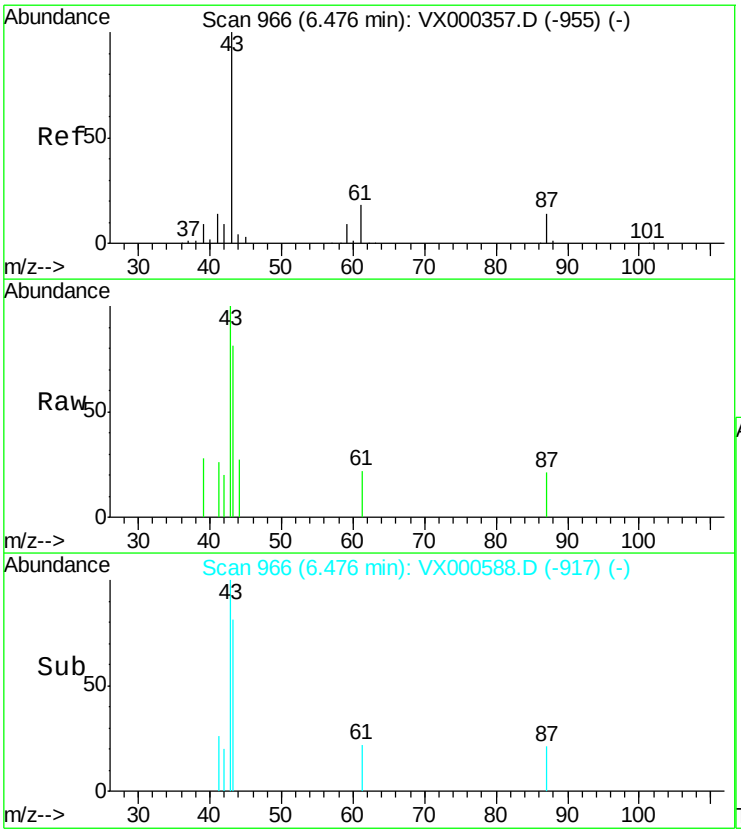
#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 13958

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.4	116.2#
121	0.0	24.8	37.2#

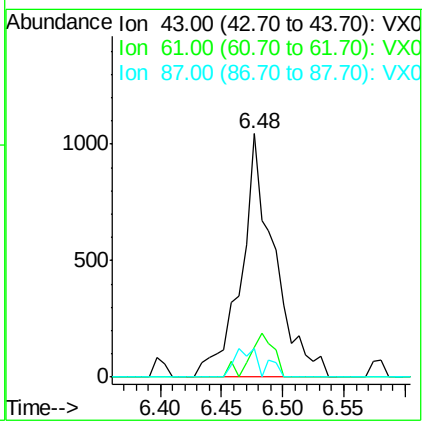


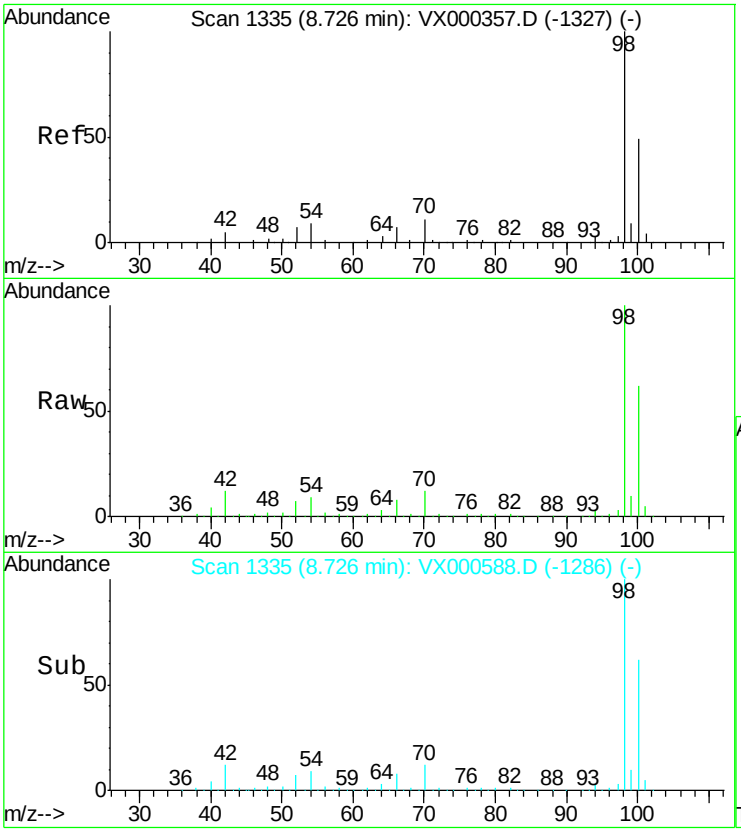


#43
Isopropyl Acetate
Concen: 0.434 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 43 Resp: 1970

Ion	Ratio	Lower	Upper
43	100		
61	13.1	14.4	21.6#
87	7.2	11.0	16.4#



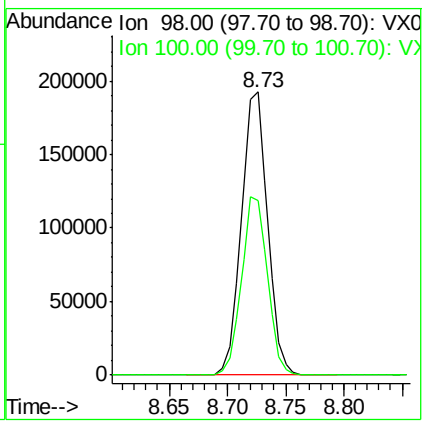


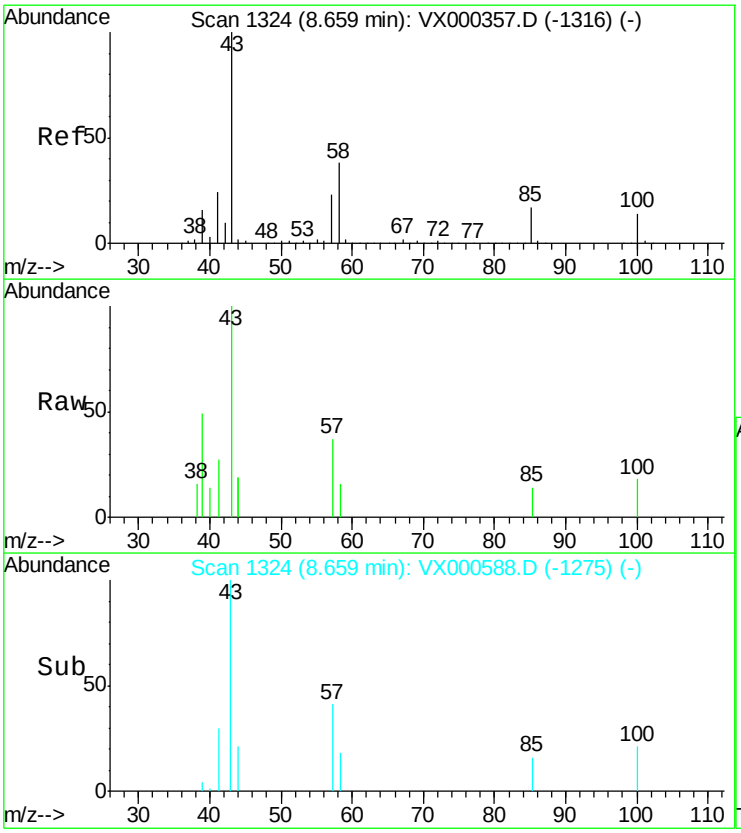
#50
Toluene-d8
Concen: 48.795 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 303447

Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.2	76.8

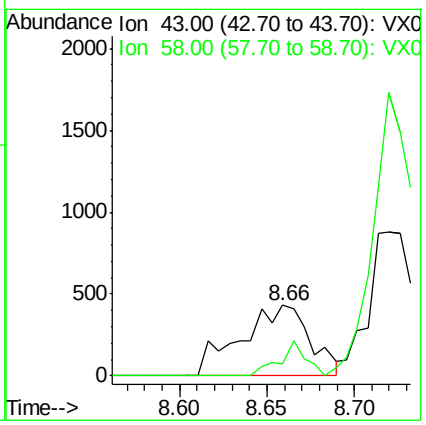


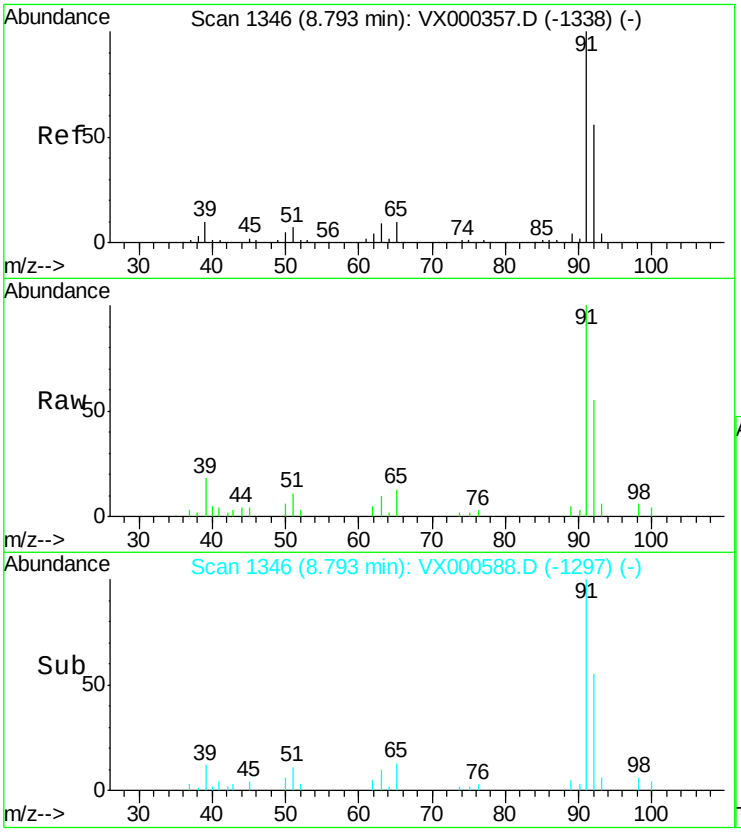


#51
4-Methyl-2-Pentanone
Concen: 0.339 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 43 Resp: 1191

Ion	Ratio	Lower	Upper
43	100		
58	18.5	30.3	45.5#



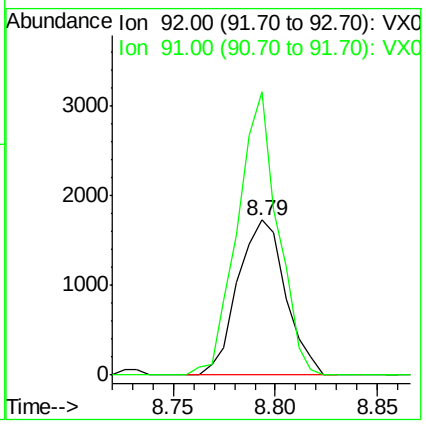


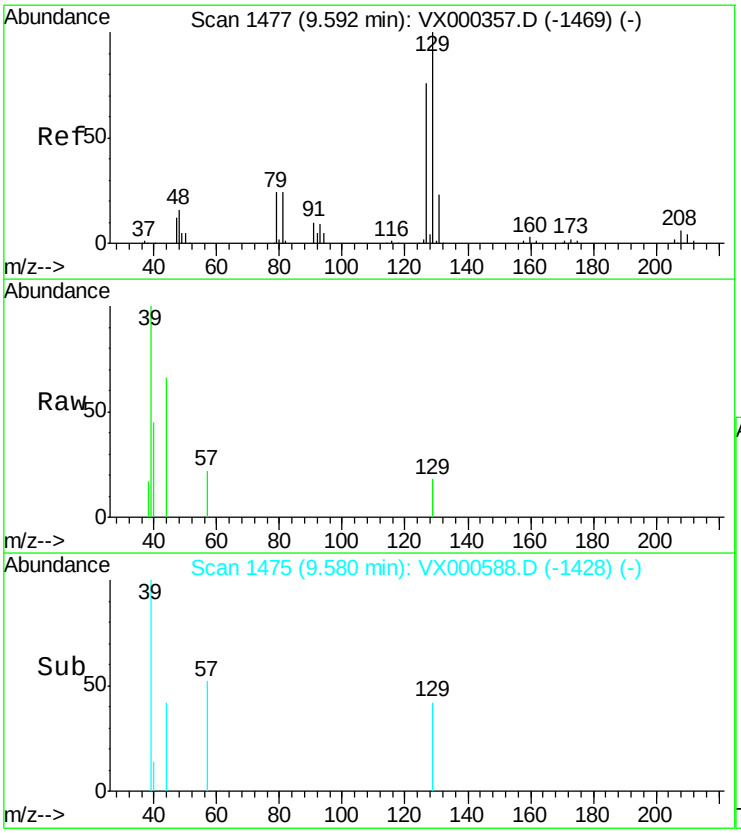
#52
Toluene
Concen: 0.620 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 2811

Ion	Ratio	Lower	Upper
92	100		
91	154.1	140.2	210.2

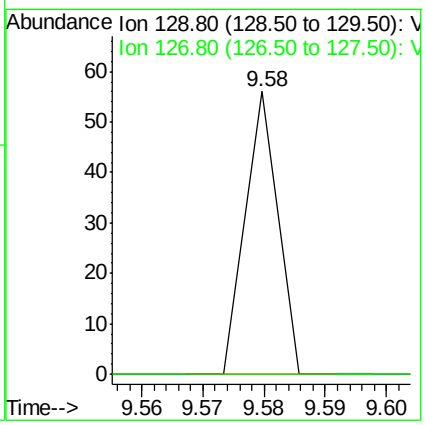


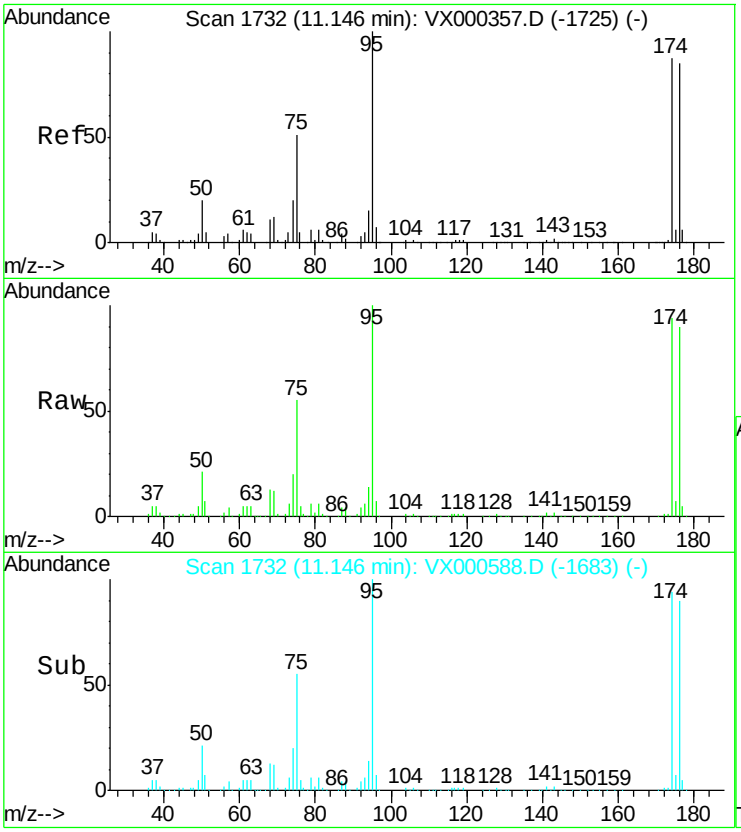


#60
Dibromochloromethane
Concen: 4.125 ug/l
RT: 9.58 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion:129 Resp: 20

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.9	113.6#



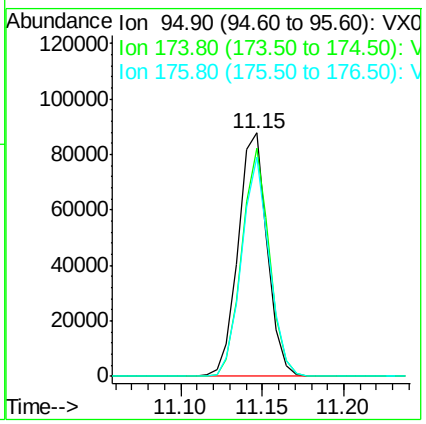


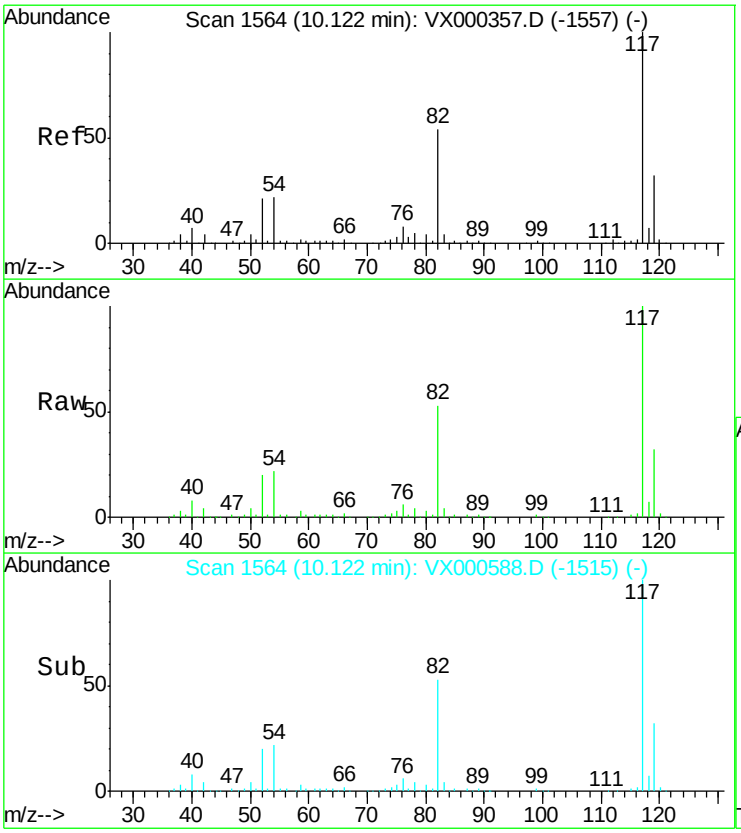
#62
4-Bromofluorobenzene
Concen: 42.421 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 108672

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	173.6
176	86.0	0.0	164.6

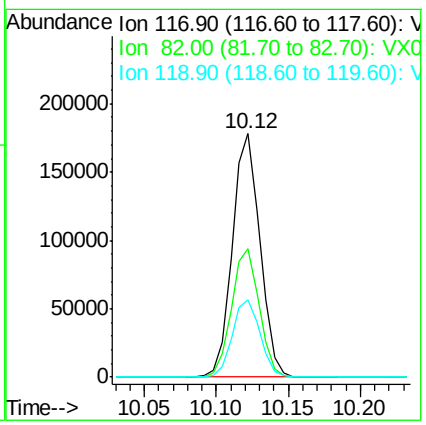


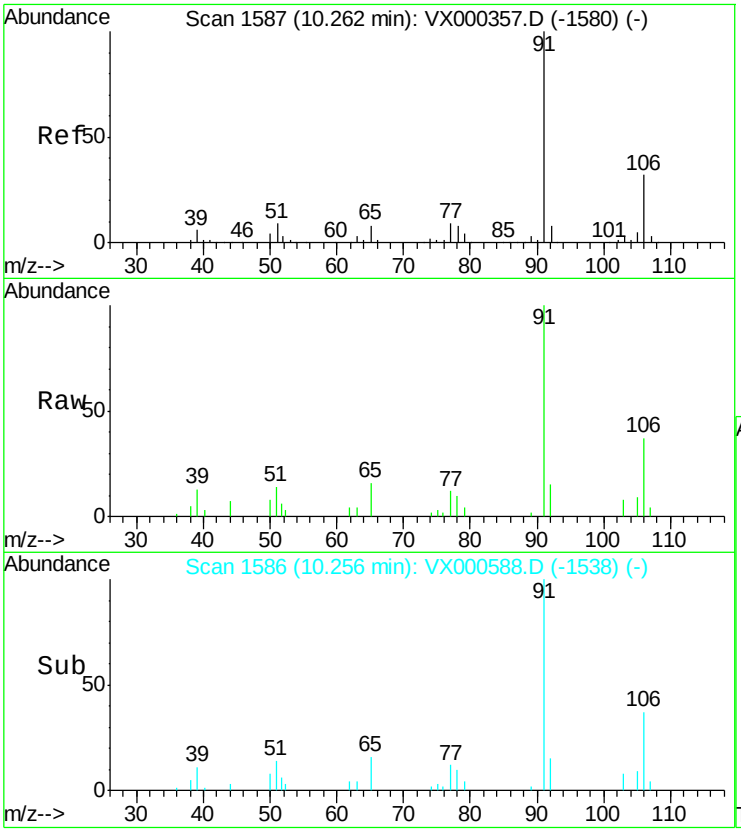


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion:117 Resp: 238560

Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.8	65.8
119	31.9	24.9	37.3



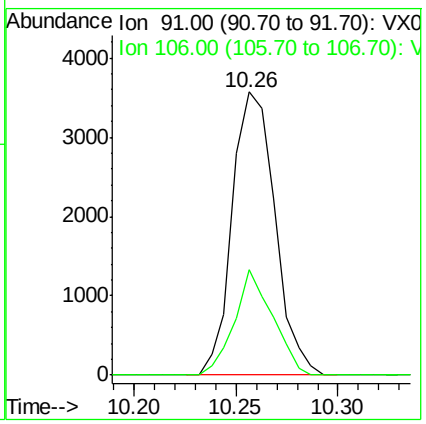


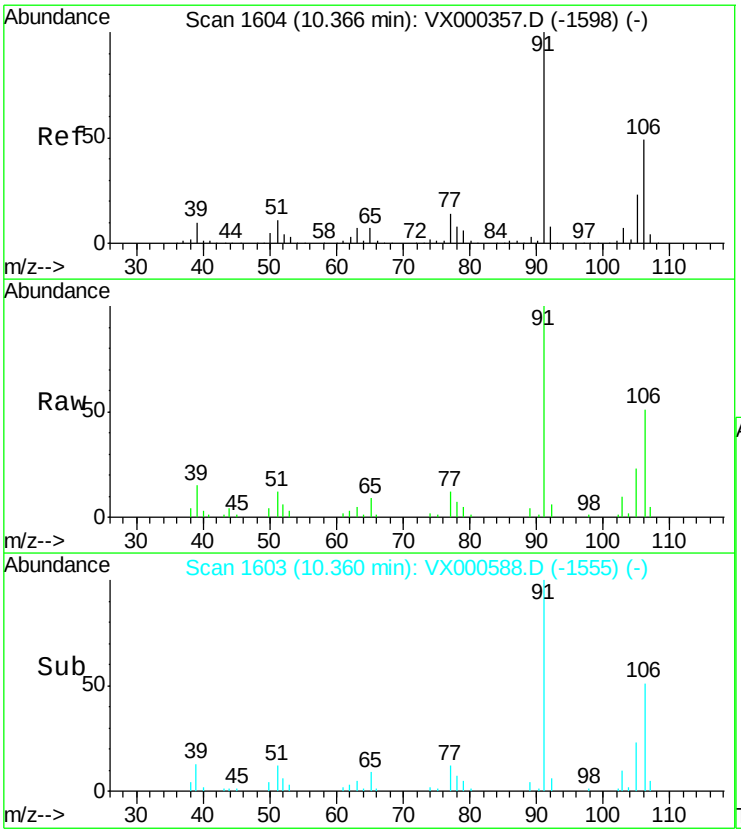
#67
Ethyl Benzene
Concen: 0.577 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 5191

Ion	Ratio	Lower	Upper
91	100		
106	37.3	25.0	37.6

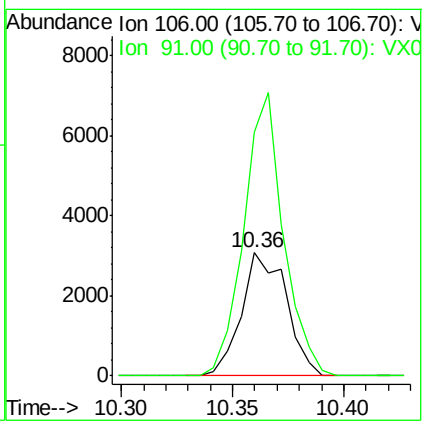


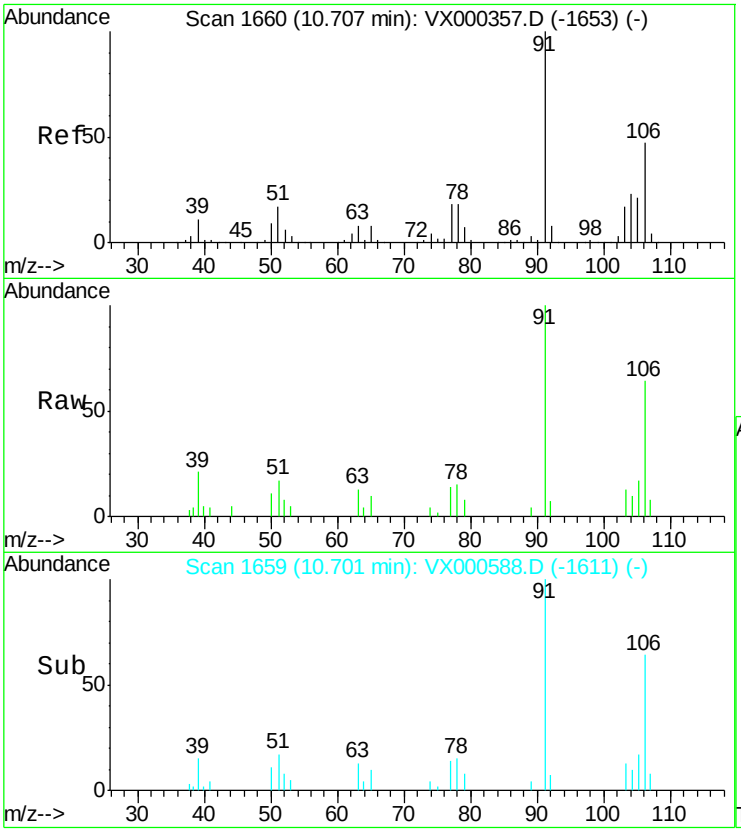


#68
m/p-Xylenes
Concen: 1.223 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion:106 Resp: 4331

Ion	Ratio	Lower	Upper
106	100		
91	202.4	163.4	245.2



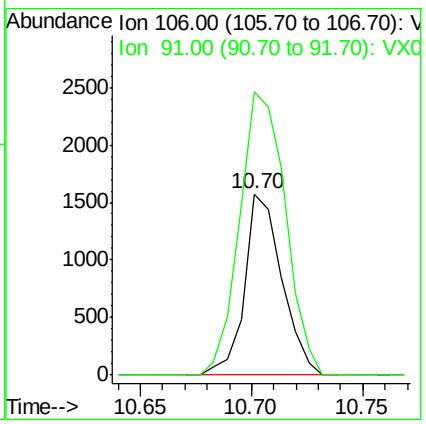


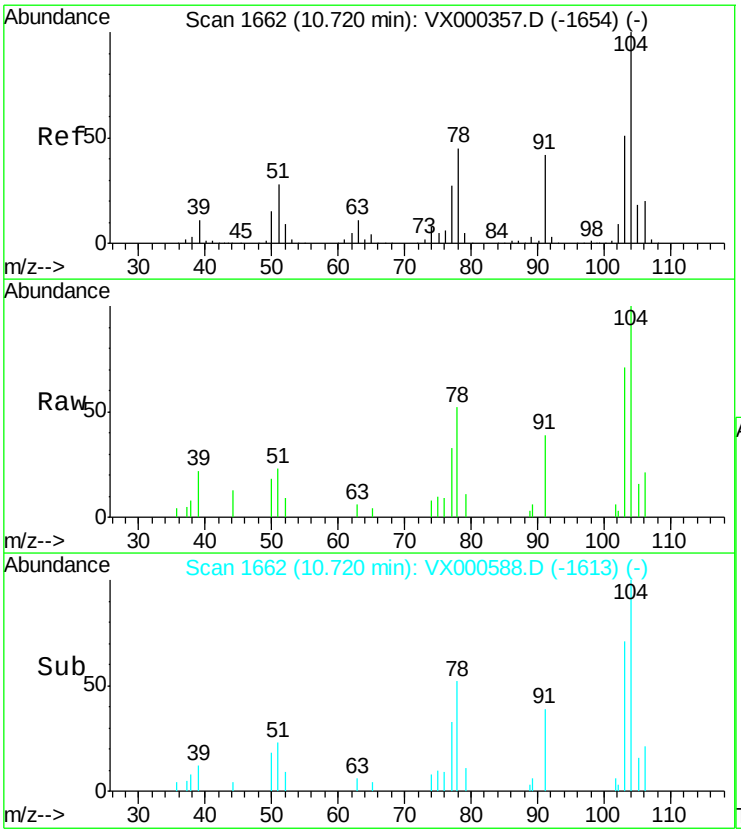
#69
o-Xylene
Concen: 0.537 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 1842

Ion	Ratio	Lower	Upper
106	100		
91	191.7	106.5	319.6

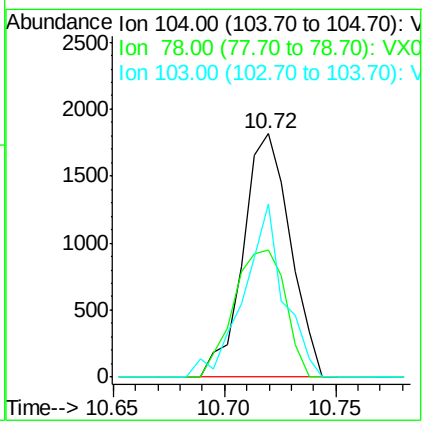


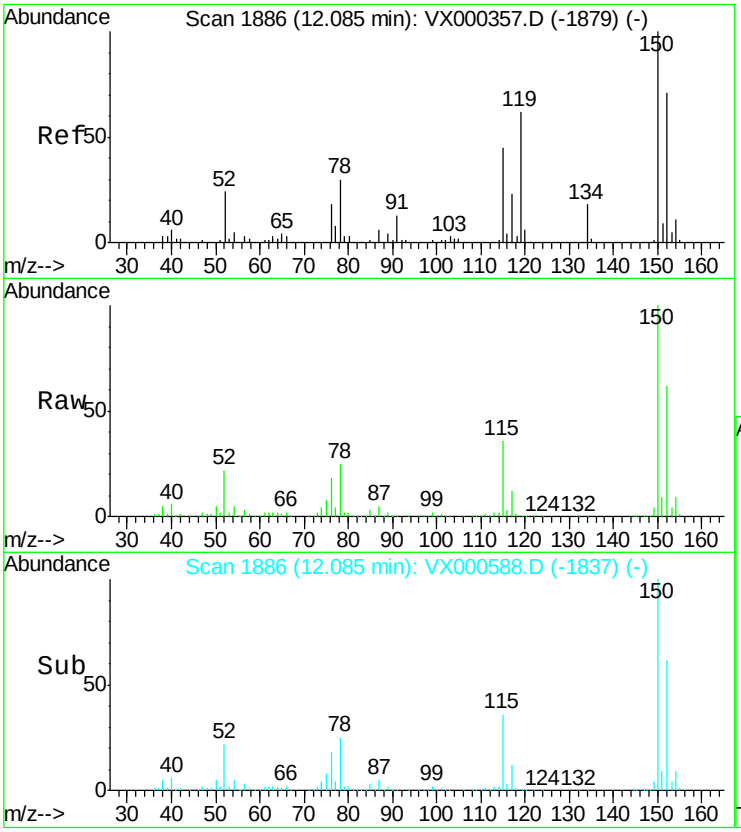


#70
Styrene
Concen: 0.472 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion:104 Resp: 2677

Ion	Ratio	Lower	Upper
104	100		
78	57.5	40.5	60.7
103	60.4	45.7	68.5



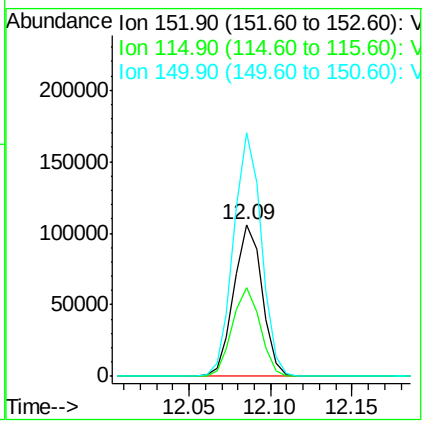


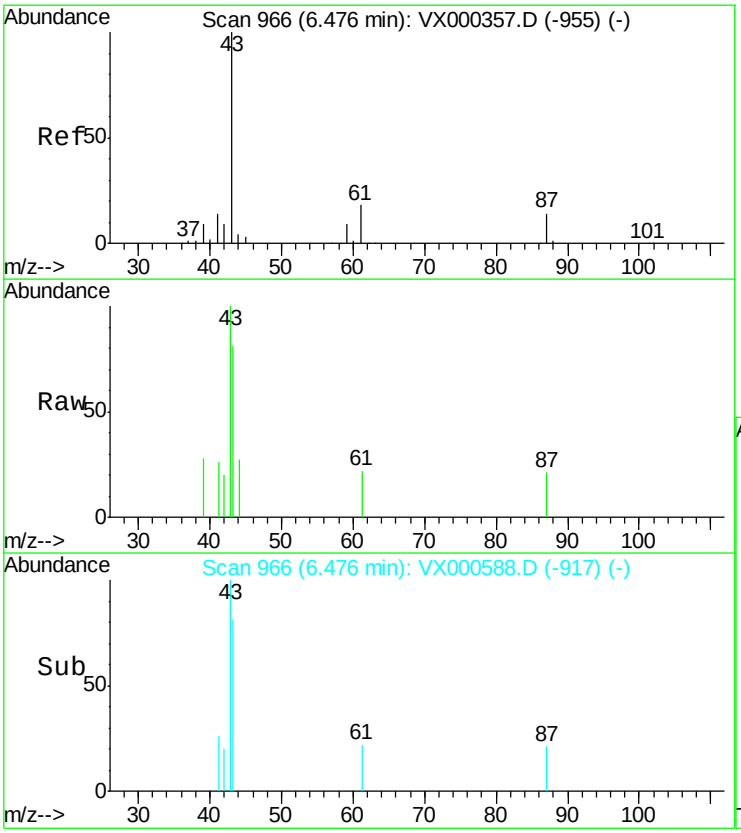
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 128431

Ion	Ratio	Lower	Upper
152	100		
115	57.3	39.8	119.3
150	157.8	0.0	344.4

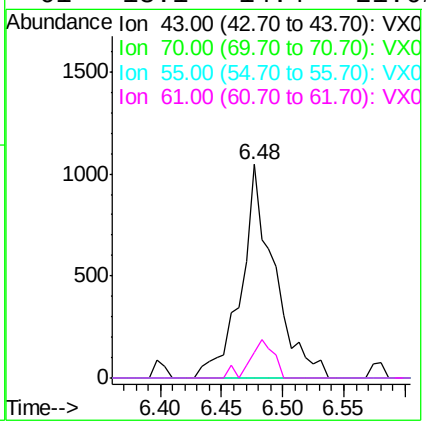


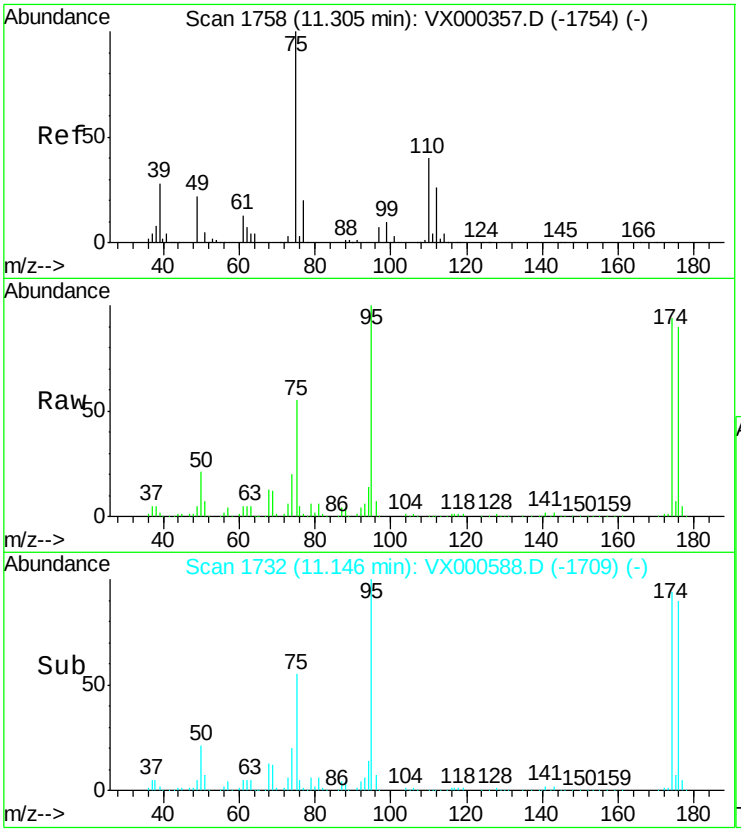


#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 43 Resp: 1970

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	13.1	14.4	21.6#



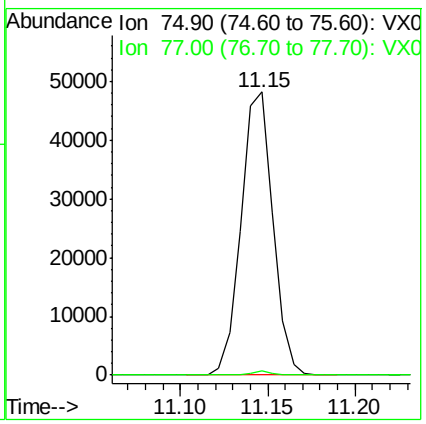


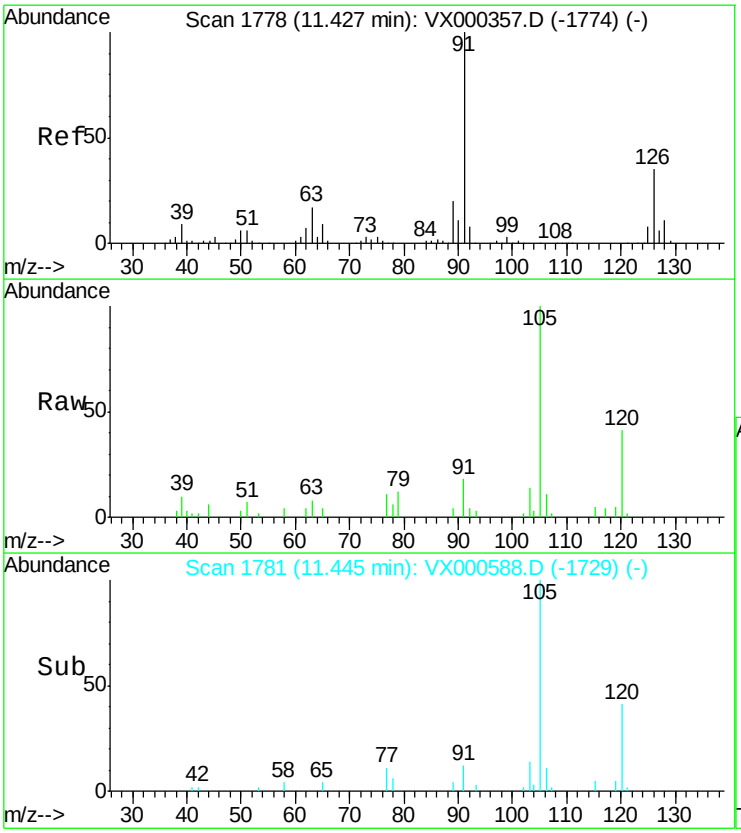
#76
1,2,3-Trichloropropane
Concen: 22.097 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 60991

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.4	64.2#

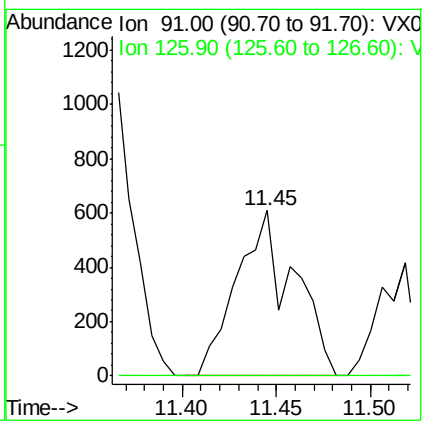


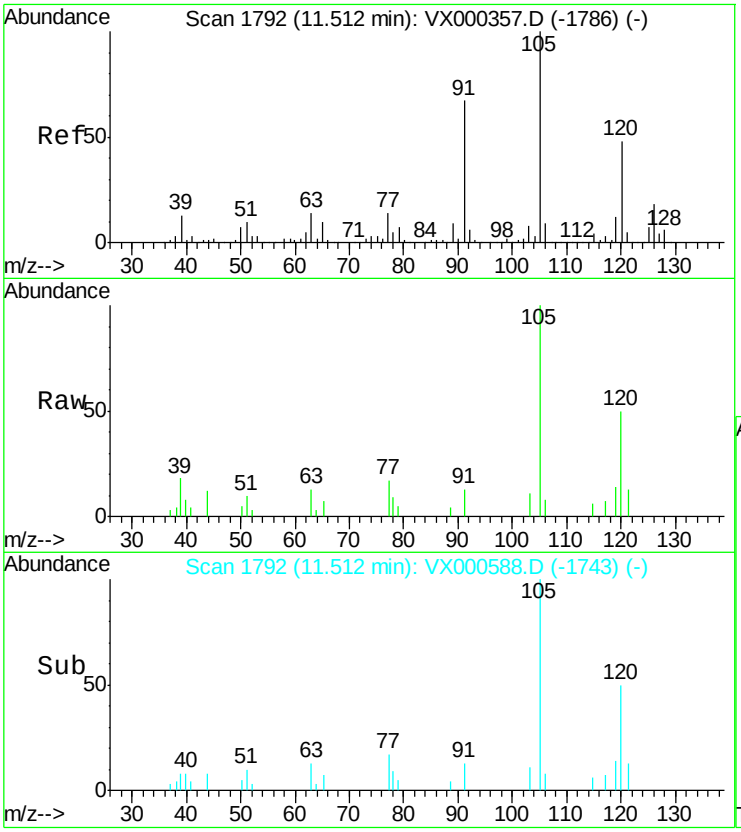


#79
2-Chlorotoluene
Concen: 0.219 ug/l
RT: 11.45 min Scan# 1781
Delta R.T. 0.02 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 91 Resp: 1283

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.7	53.1#



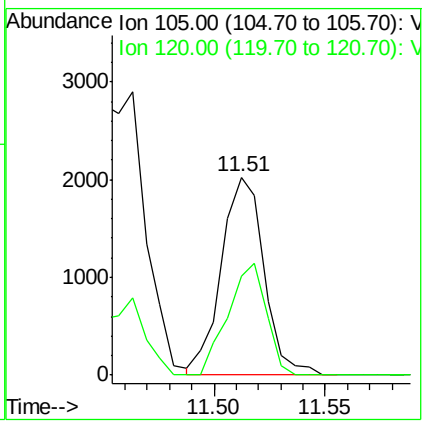


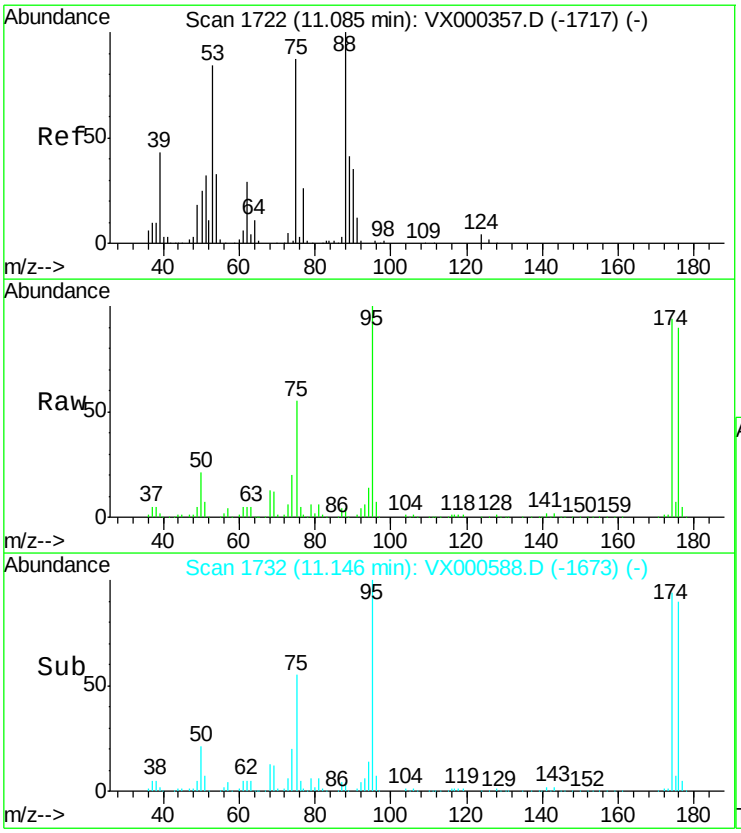
#80
1,3,5-Trimethylbenzene
Concen: 0.378 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2707

Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.1	72.4

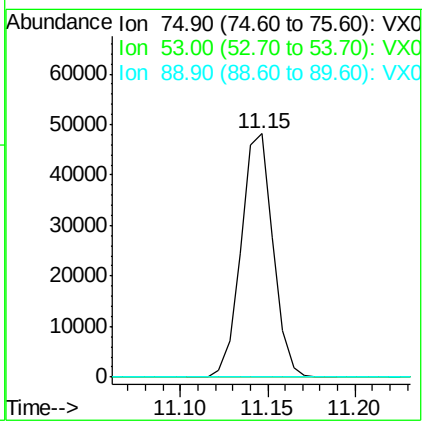


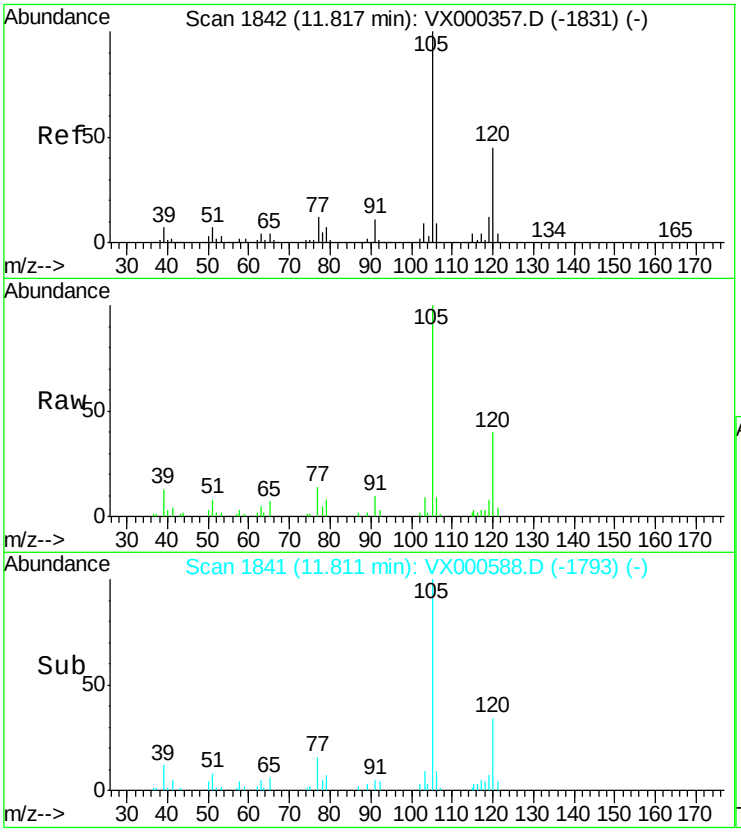


#81
trans-1,4-Dichloro-2-butene
Concen: 71.541 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion: 75 Resp: 60991

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.7	121.1#
89	0.1	39.4	59.0#



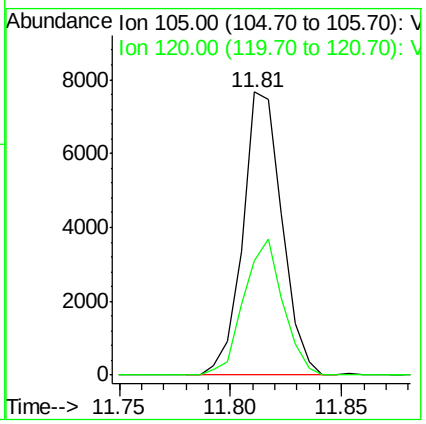


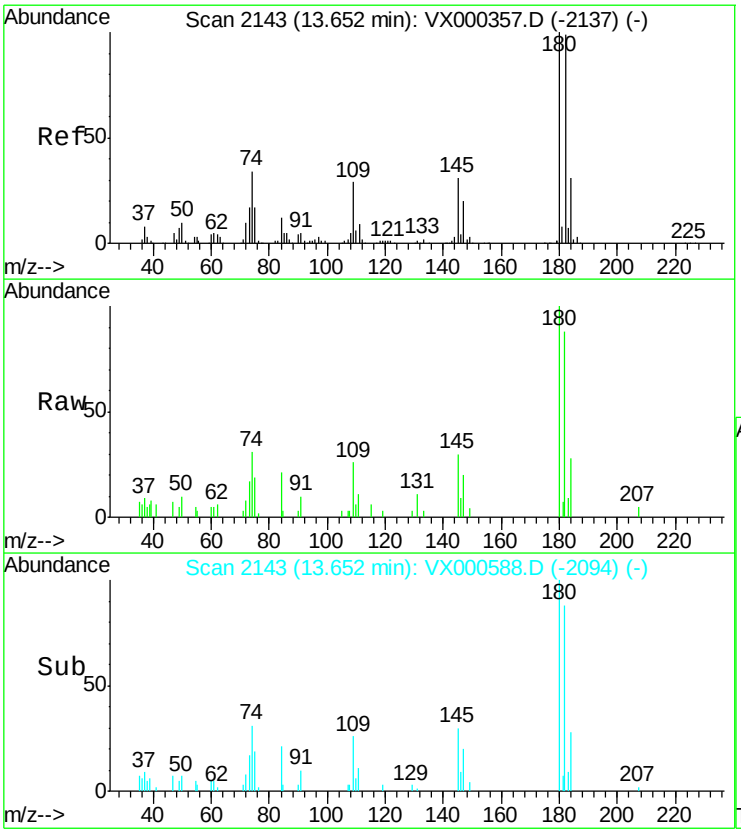
#84
1,2,4-Trimethylbenzene
Concen: 1.257 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 9433

Ion	Ratio	Lower	Upper
105	100		
120	47.7	22.4	67.3

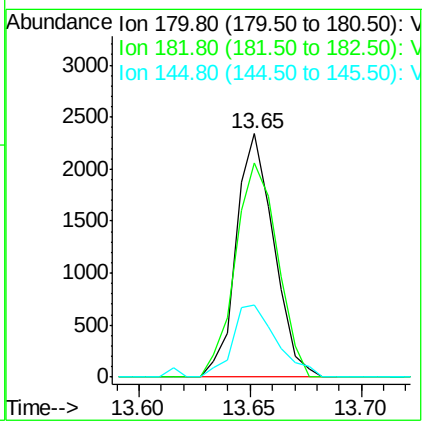


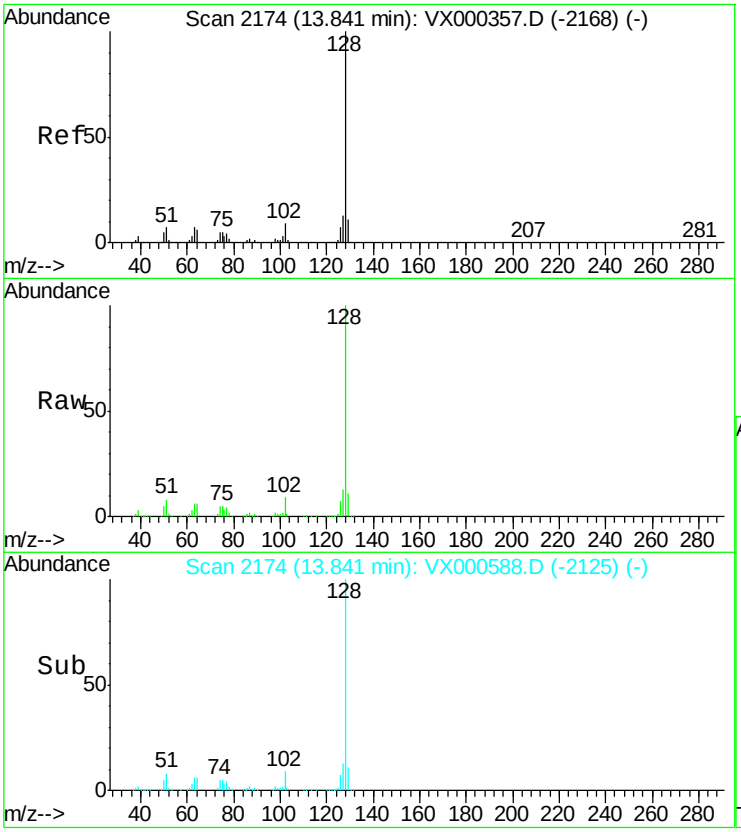


#93
1,2,4-Trichlorobenzene
Concen: 0.916 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Tgt Ion:180 Resp: 2760

Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.6	142.9
145	34.8	15.1	45.3





#95
Naphthalene
Concen: 18.274 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000588.D
Acq: 31 Mar 2018 13:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 191771

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	8.9	13.3