Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032618\
Data File : VX000454.D
Acq On : 26 Mar 2018 20:53
Operator : JC/MD
Sample : J2056-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 27 05:56:45 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	105107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75978	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.76%			
35) Dibromofluoromethane	5.51	113	60538	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.68%			
50) Toluene-d8	8.73	98	233795	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.68%			
62) 4-Bromofluorobenzene	11.15	95	77200	39.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.58%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	342	0.280	ug/l #	79
5) Bromomethane	1.65	94	285	0.231	ug/l	90
6) Chloroethane	1.74	64	775	Below Cal	#	44
8) Diethyl Ether	2.19	74	319	0.384	ug/l #	4
11) Tert butyl alcohol	3.07	59	12693	26.895	ug/l #	94
13) Acrolein	2.29	56	116	15.303	ug/l #	57
14) Allyl chloride	2.73	41	105	Below Cal	#	38
16) Acetone	2.45	43	64177	56.229	ug/l	97
18) Methyl Acetate	2.78	43	21218	8.867	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	912	0.216	ug/l	96
20) Methylene Chloride	2.86	84	1108	0.840	ug/l #	74
25) 2-Butanone	4.72	43	22057	17.193	ug/l	98
31) Cyclohexane	5.59	56	394	0.228	ug/l #	30
36) 1,1-Dichloropropene	5.68	75	7472	4.304	ug/l #	52
37) Ethyl Acetate	4.72	43	22057	9.301	ug/l #	69
38) Carbon Tetrachloride	5.67	117	10601	5.821	ug/l #	16
40) Benzene	6.15	78	56572	11.221	ug/l	99
48) Methyl methacrylate	7.79	41	431	0.251	ug/l #	45
49) 1,4-Dioxane	7.77	88	540	14.991	ug/l #	87
51) 4-Methyl-2-Pentanone	8.66	43	1620	0.593	ug/l	96
52) Toluene	8.79	92	22379	6.350	ug/l	97
67) Ethyl Benzene	10.26	91	2714	0.407	ug/l	90
68) m/p-Xylenes	10.37	106	5108	1.948	ug/l	99
69) o-Xylene	10.71	106	2255	0.888	ug/l	89
70) Styrene	10.72	104	4334	1.032	ug/l	97
74) N-amyl acetate	6.48	43	192	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	45584	24.538	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.52	105	1138	0.236	ug/l	83
81) trans-1,4-Dichloro-2-buten	11.15	75	45584	79.443	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.82	105	3534	0.700	ug/l	84
95) Naphthalene	13.84	128	10270	1.454	ug/l	97

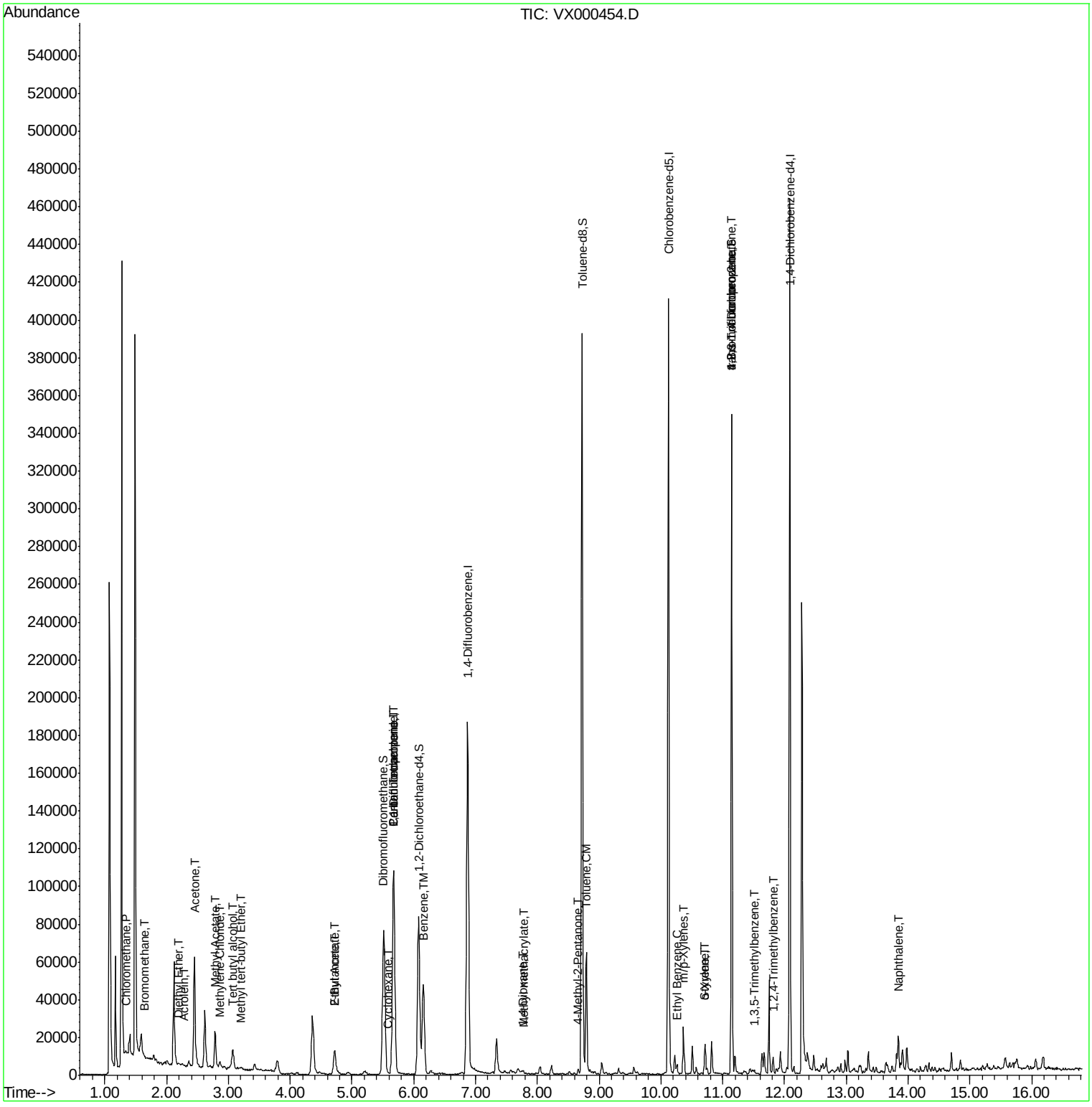
(#) = qualifier out of range (m) = manual integration (+) = signals summed

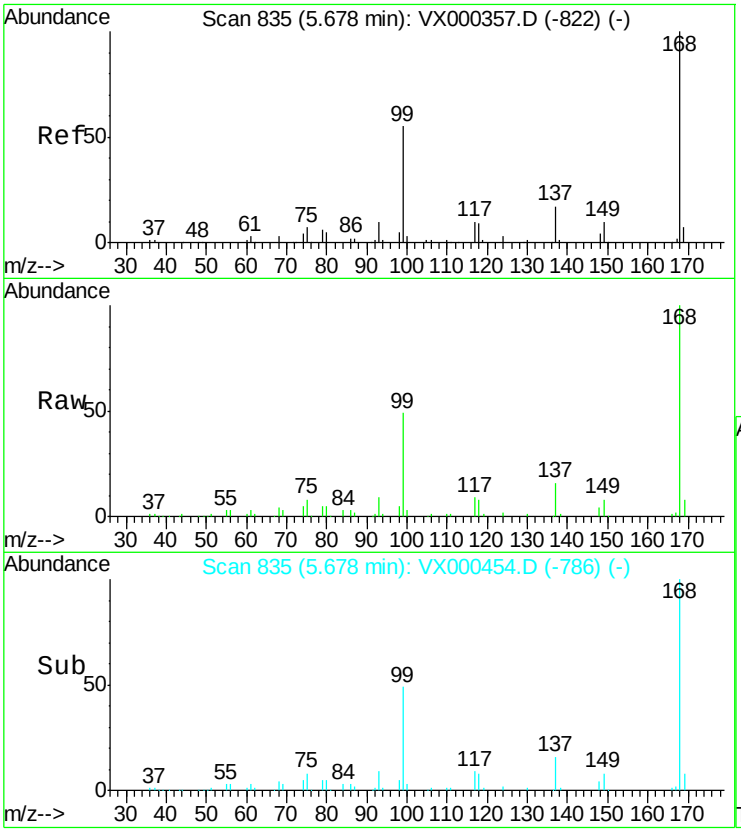
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032618\
Data File : VX000454.D
Acq On : 26 Mar 2018 20:53
Operator : JC/MD
Sample : J2056-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 27 05:56:45 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



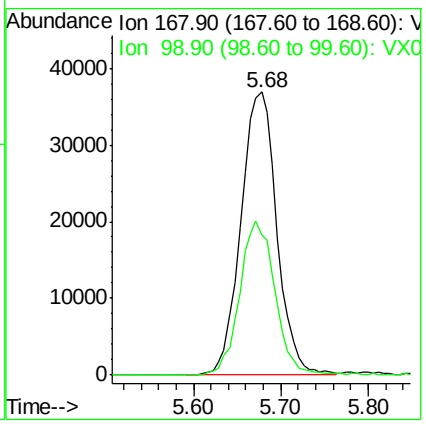


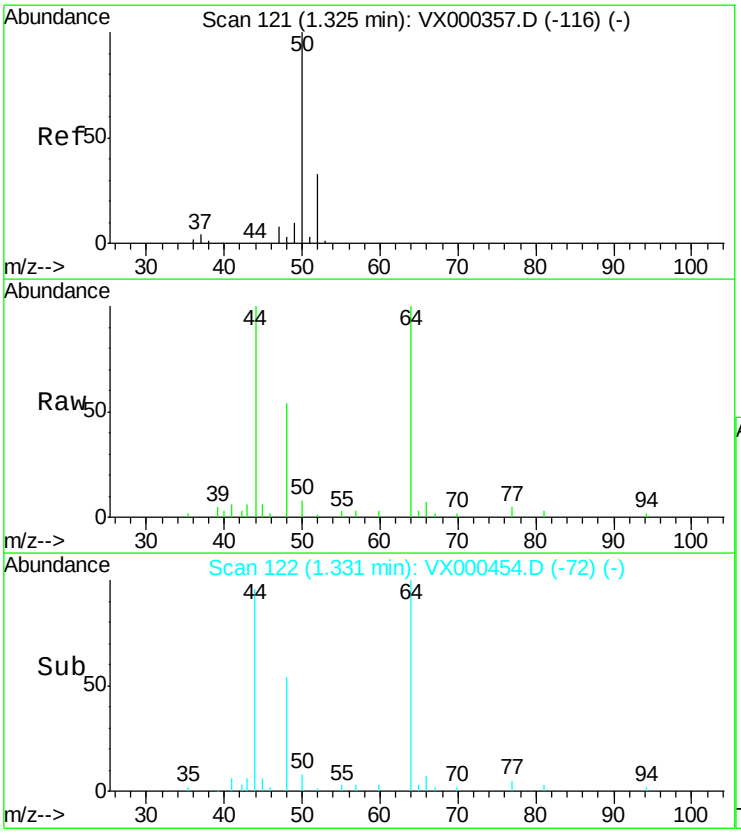
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 105107

Ion	Ratio	Lower	Upper
168	100		
99	49.4	45.8	68.6

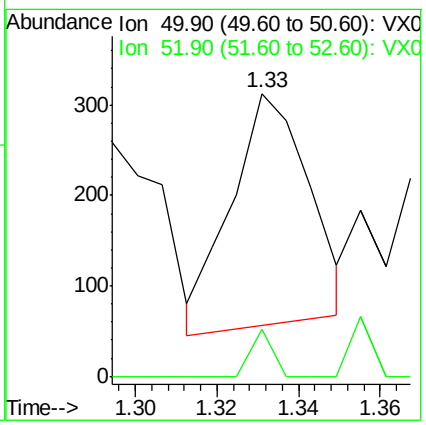


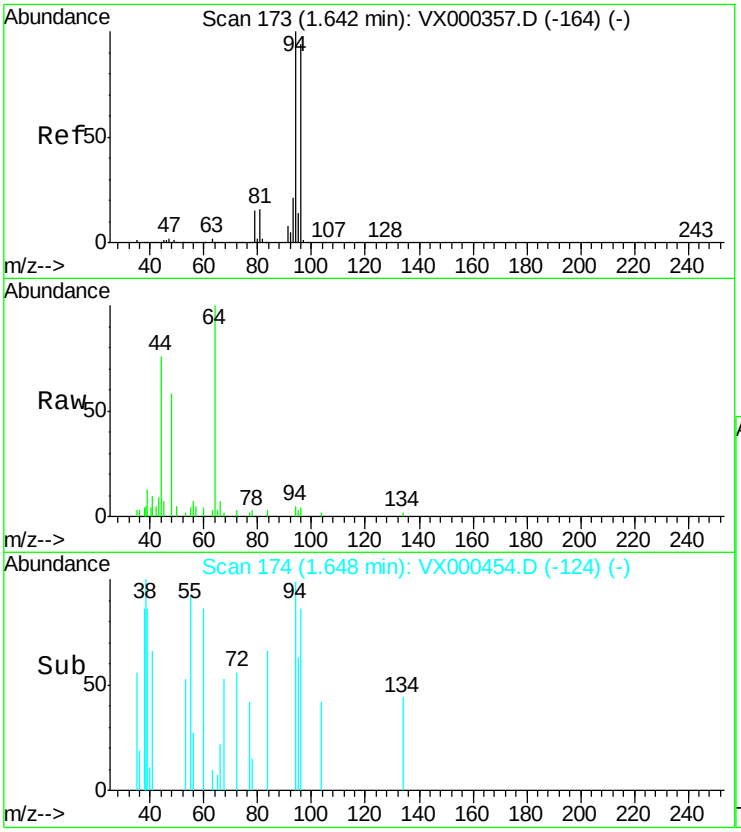


#3
Chloromethane
Concen: 0.280 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 50 Resp: 342

Ion	Ratio	Lower	Upper
50	100		
52	22.3	27.5	41.3#



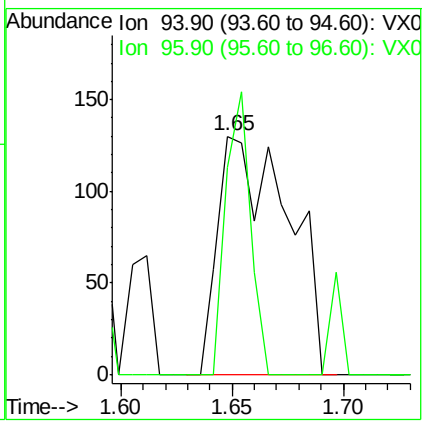


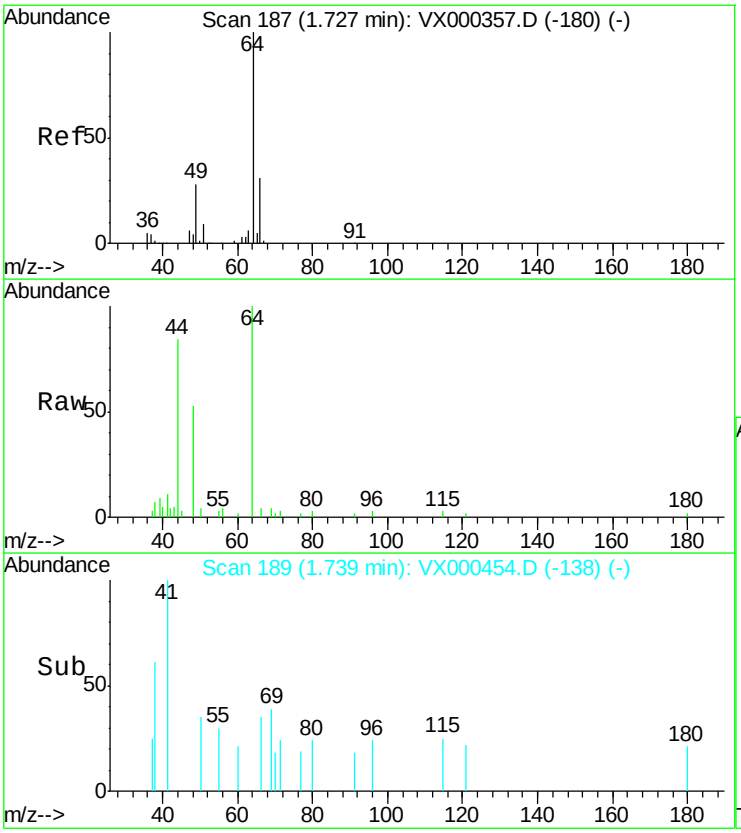
#5
Bromomethane
Concen: 0.231 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 285

Ion	Ratio	Lower	Upper
94	100		
96	86.9	77.7	116.5

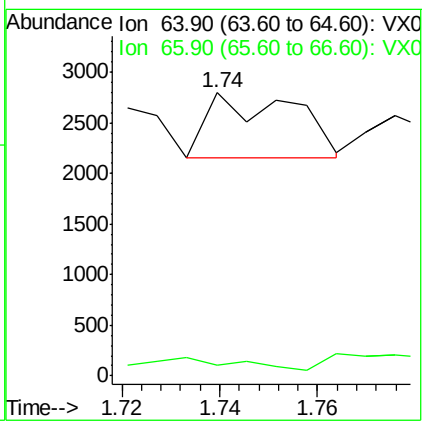


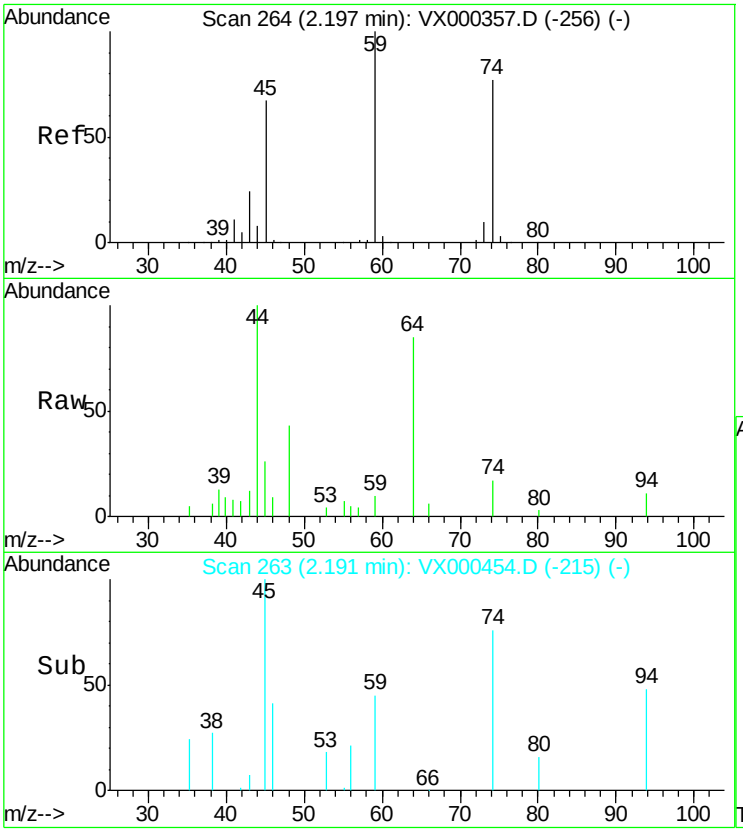


#6
Chloroethane
Concen: Below Cal
RT: 1.74 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 64 Resp: 775

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



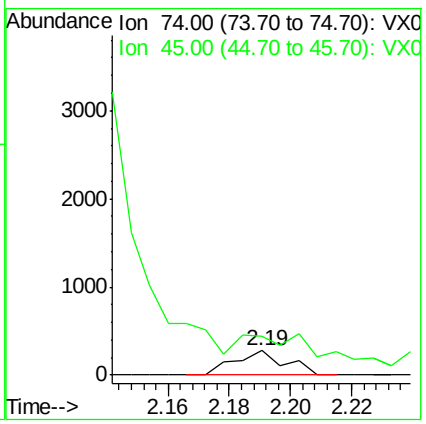


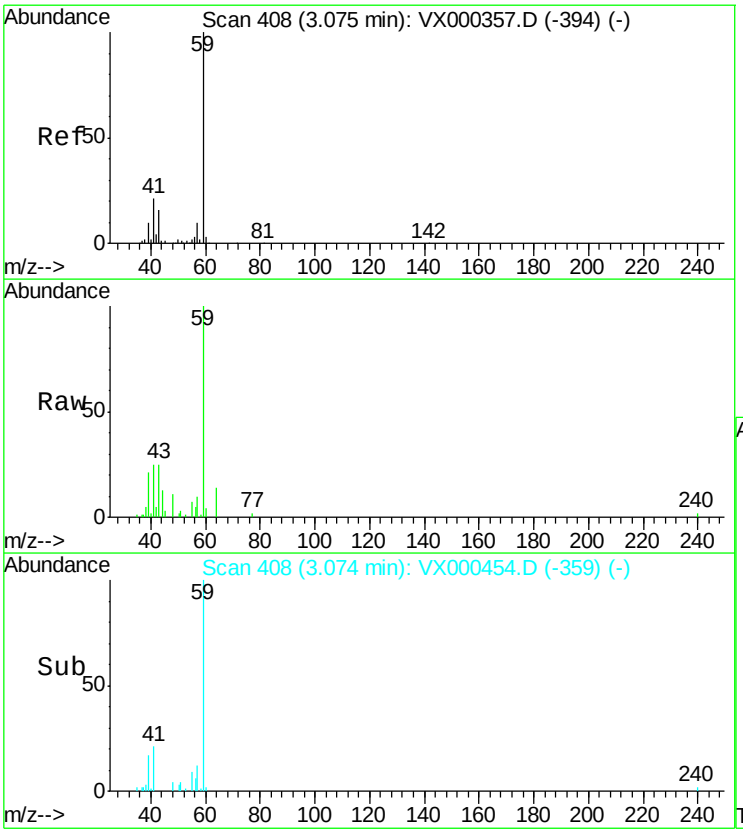
#8
Diethyl Ether
Concen: 0.384 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 319

Ion	Ratio	Lower	Upper
74	100		
45	0.0	45.1	135.3#

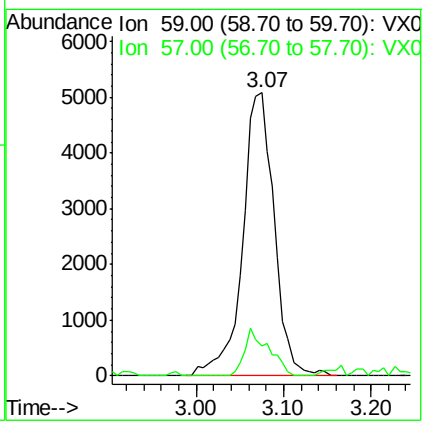


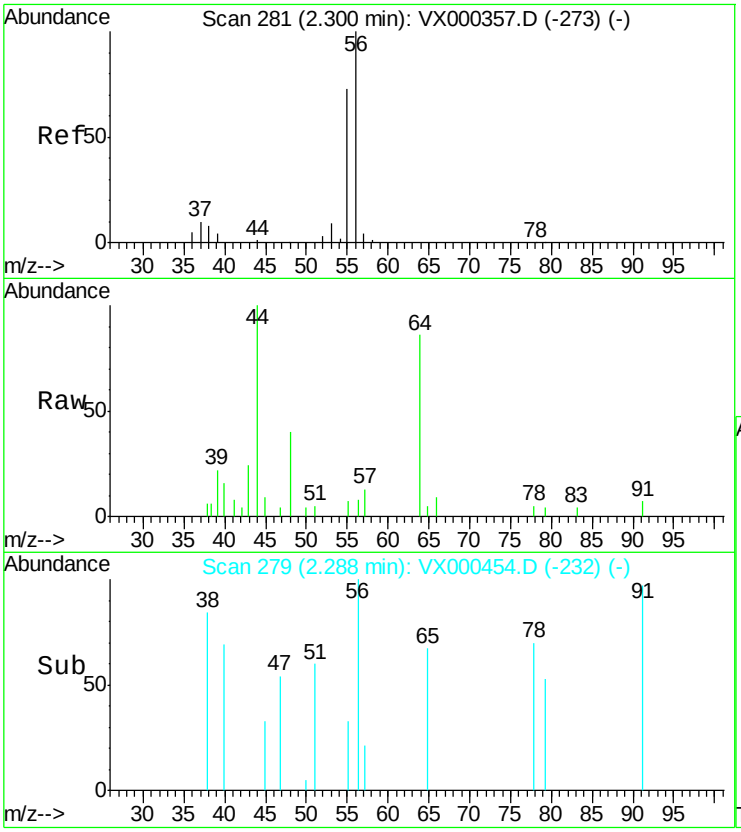


#11
Tert butyl alcohol
Concen: 26.895 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 59 Resp: 12693

Ion	Ratio	Lower	Upper
59	100		
57	12.9	8.4	12.6#



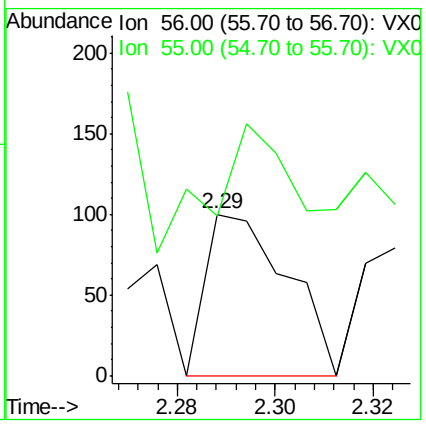


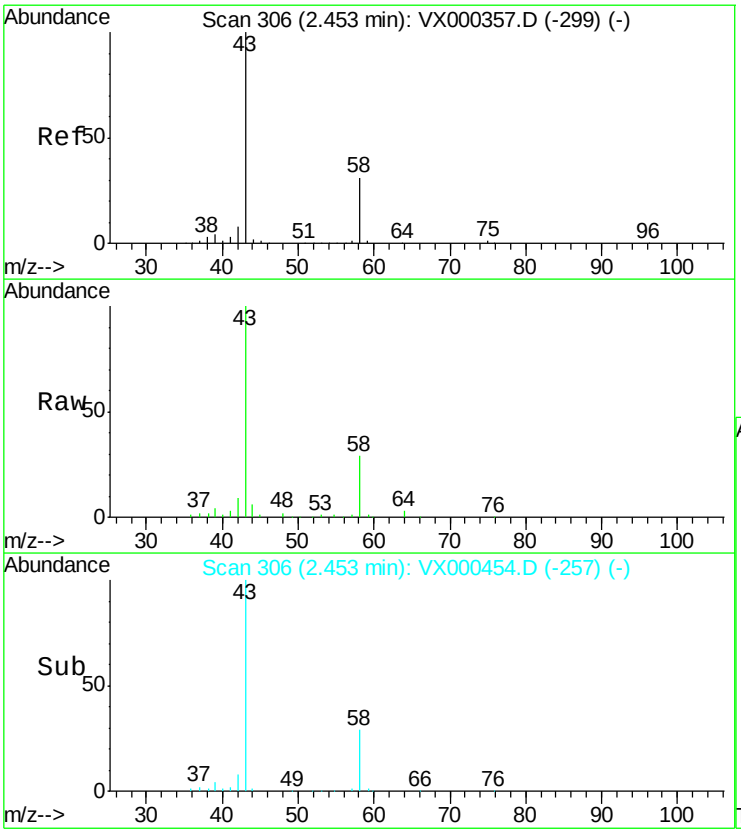
#13
Acrolein
Concen: 15.303 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 116

Ion	Ratio	Lower	Upper
56	100		
55	37.1	58.8	88.2#

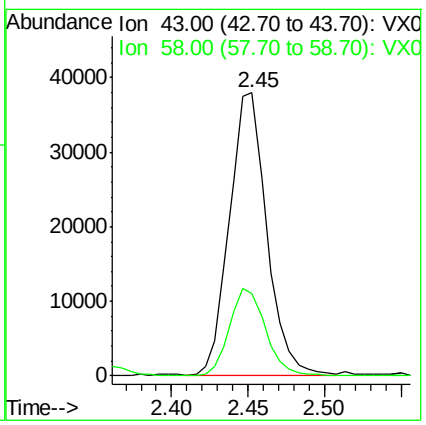


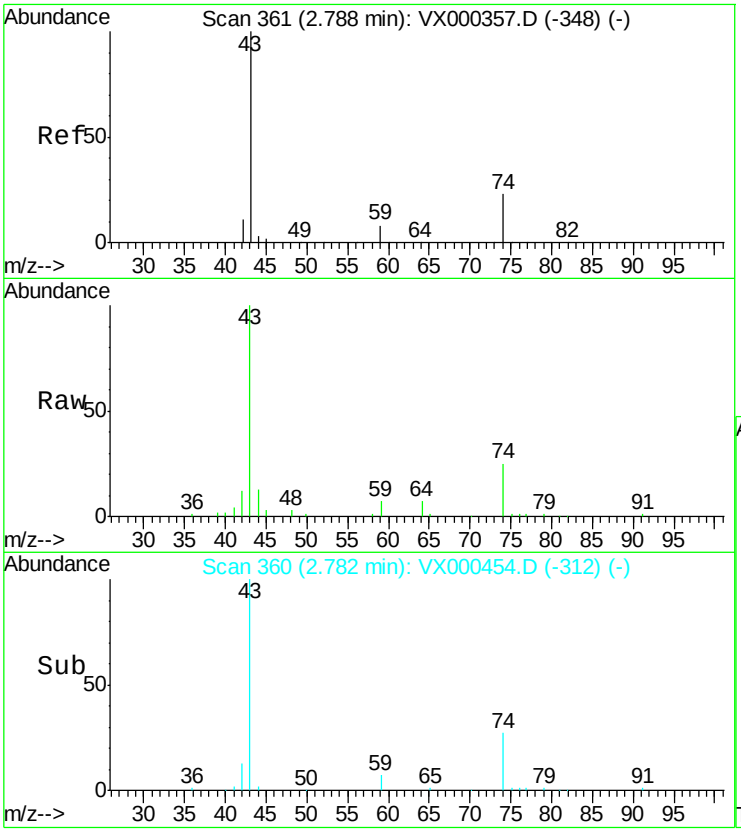


#16
Acetone
Concen: 56.229 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 43 Resp: 64177

Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.7	37.1



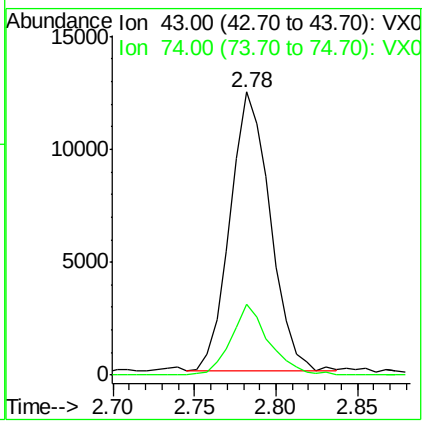


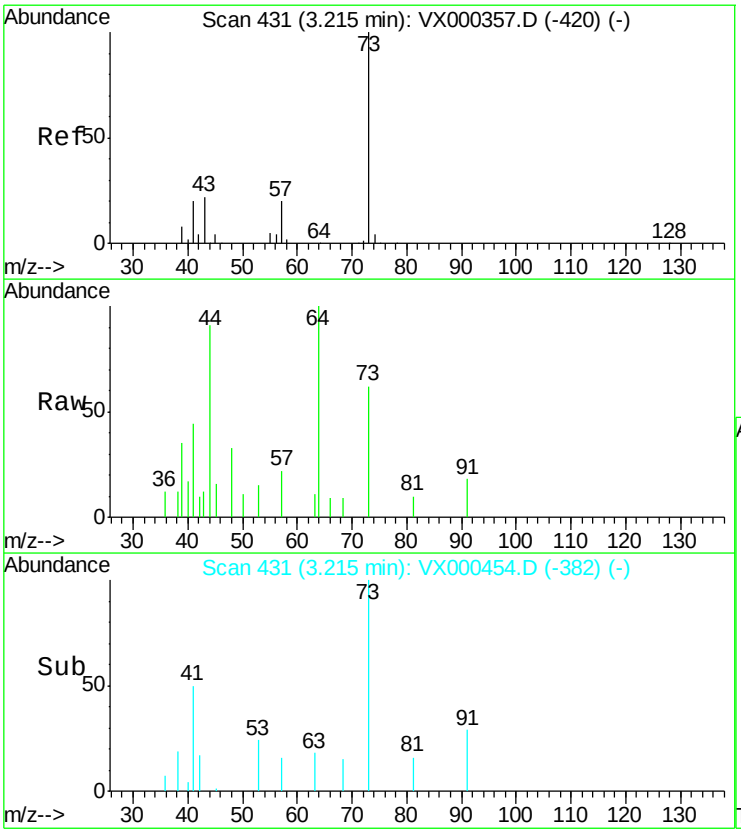
#18
Methyl Acetate
Concen: 8.867 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 21218

Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.4	29.2

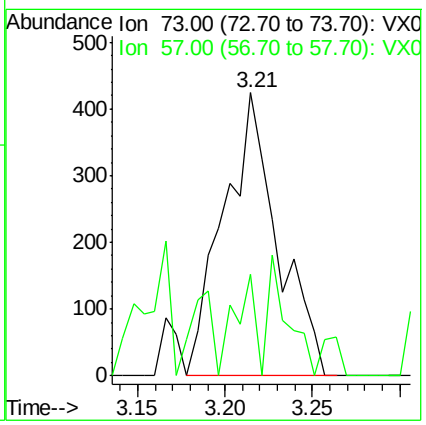


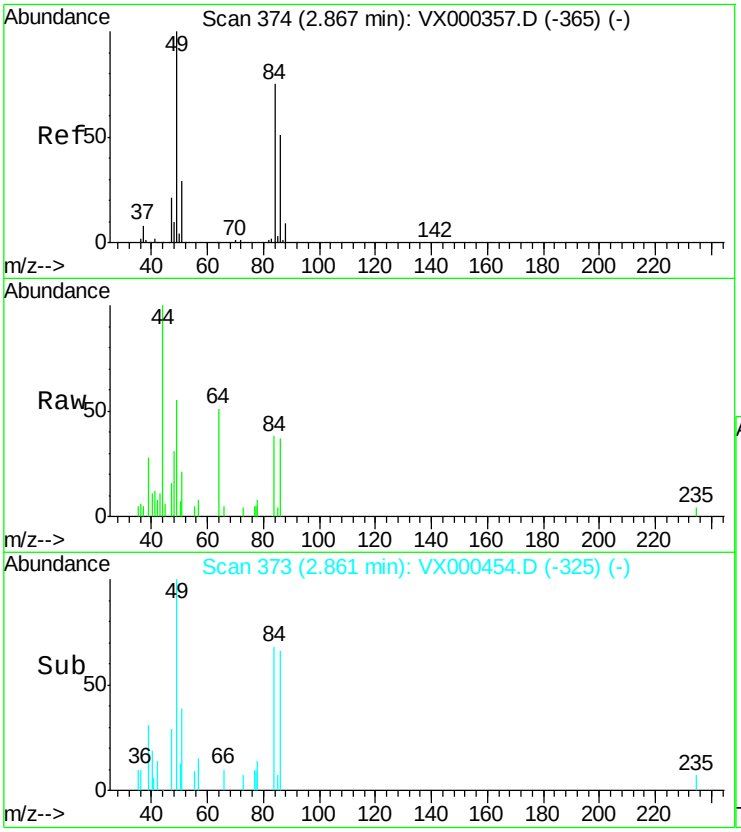


#19
Methyl tert-butyl Ether
Concen: 0.216 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 73 Resp: 912

Ion	Ratio	Lower	Upper
73	100		
57	23.3	17.2	25.8



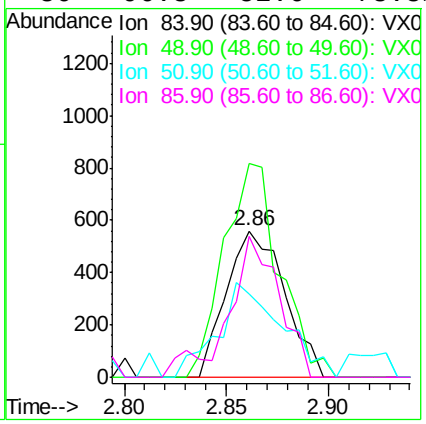


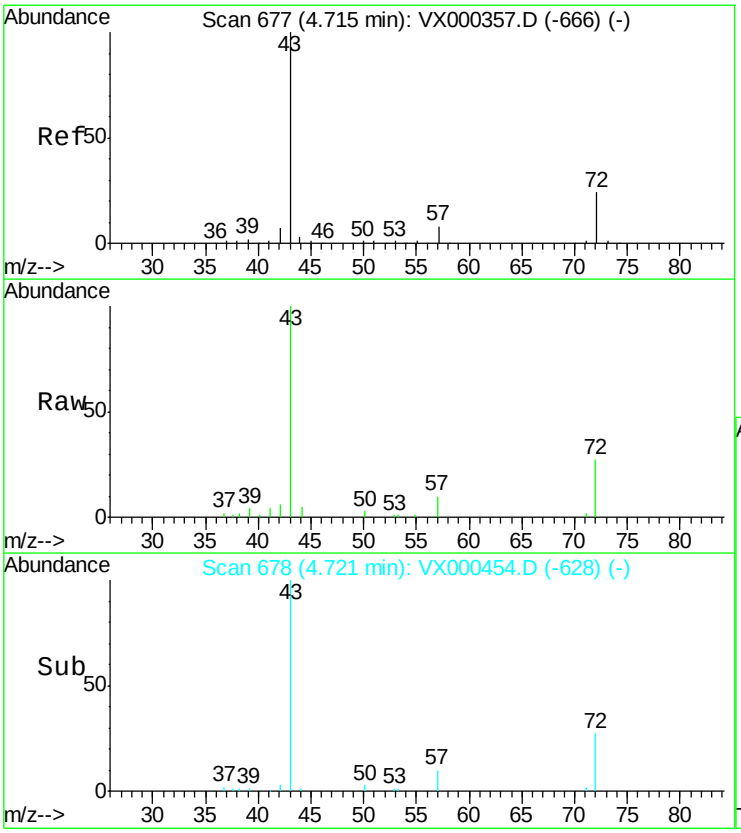
#20
Methylene Chloride
Concen: 0.840 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1108

Ion	Ratio	Lower	Upper
84	100		
49	146.2	100.6	151.0
51	56.6	31.6	47.4#
86	96.8	52.6	78.8#

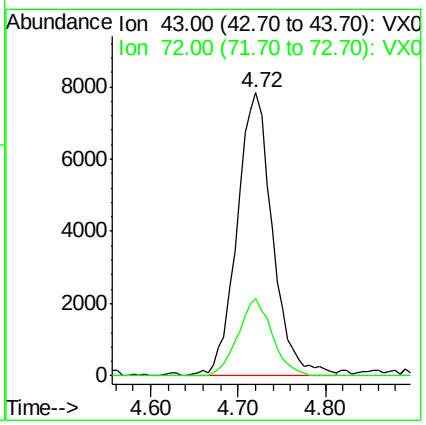


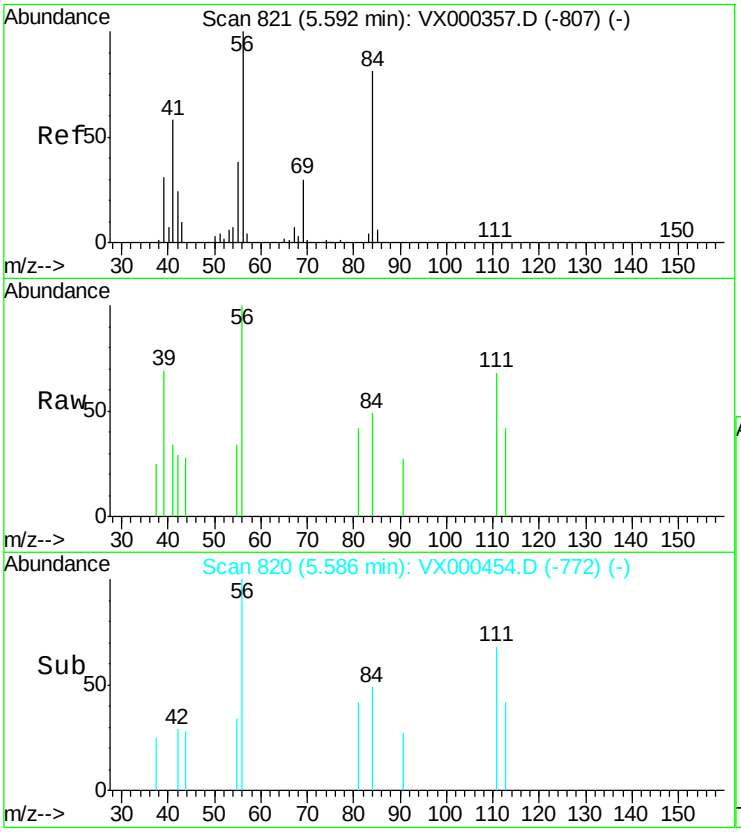


#25
2-Butanone
Concen: 17.193 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 43 Resp: 22057

Ion	Ratio	Lower	Upper
43	100		
72	27.1	21.0	31.6



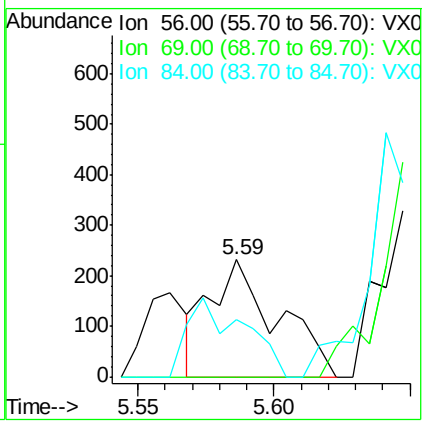


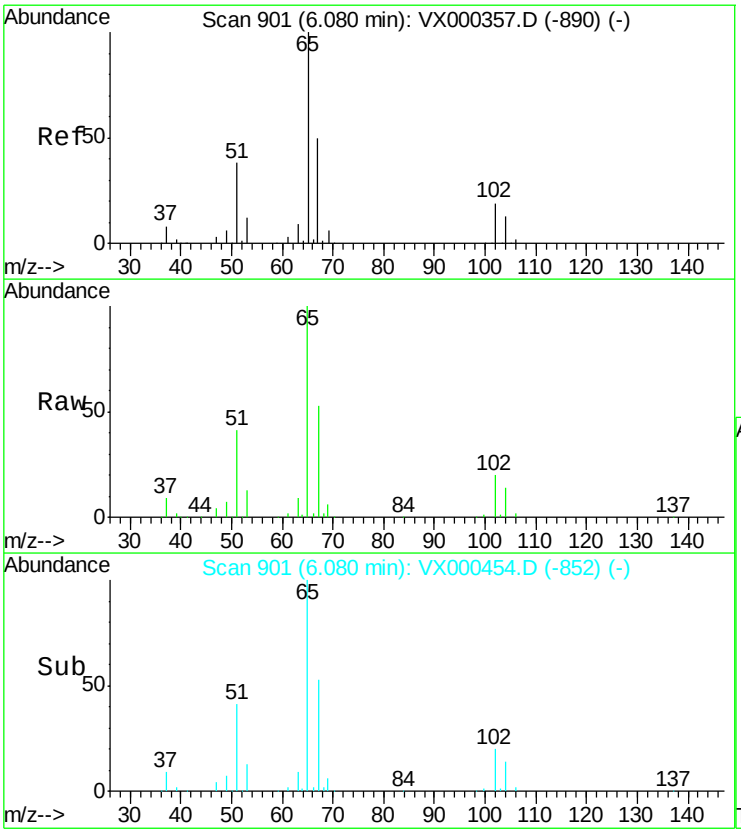
#31
Cyclohexane
Concen: 0.228 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 394

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.4	35.0#
84	19.0	71.0	106.4#

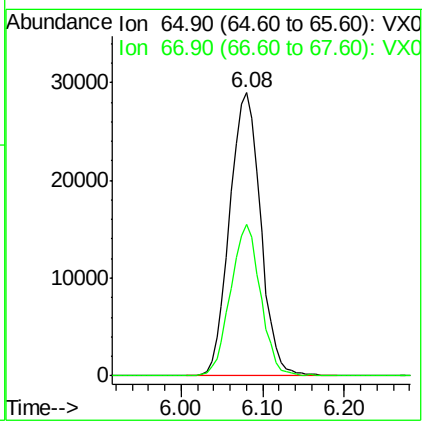


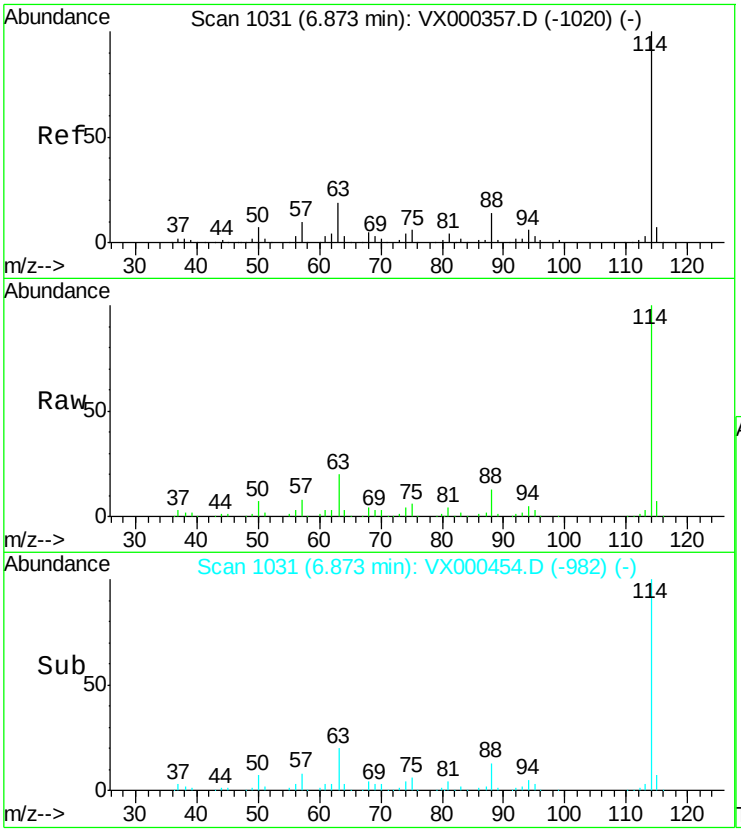


#33
1,2-Dichloroethane-d4
Concen: 55.377 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 65 Resp: 75978

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.2



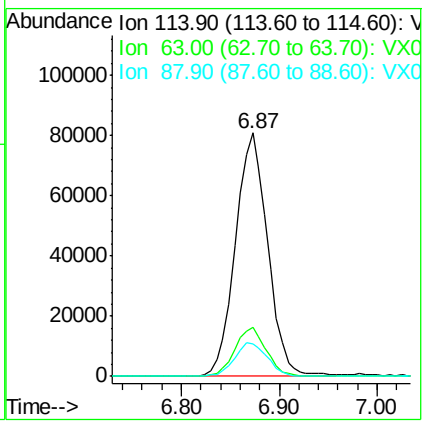


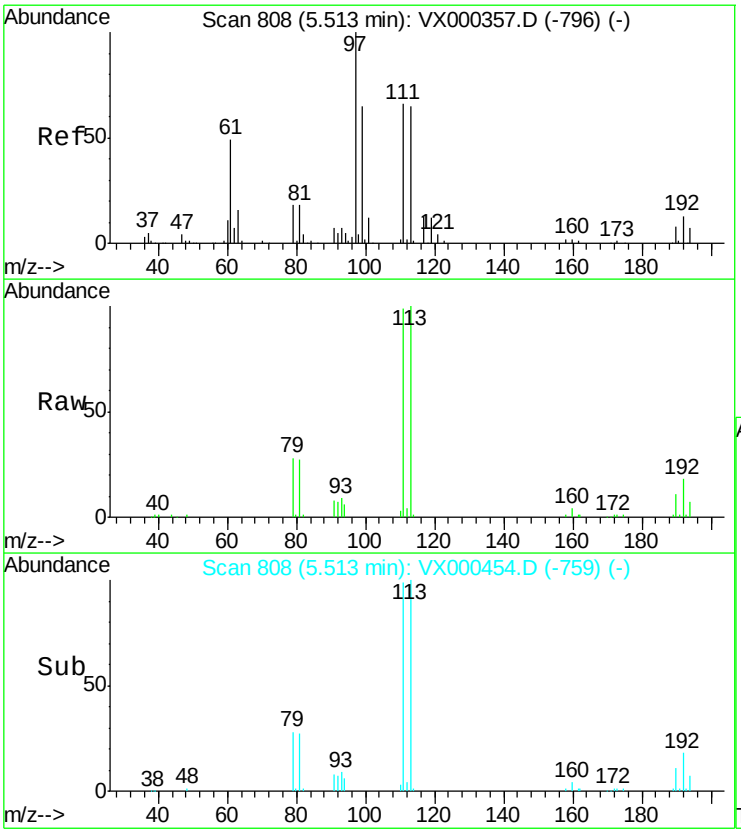
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 185335

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.4
88	13.4	0.0	27.0

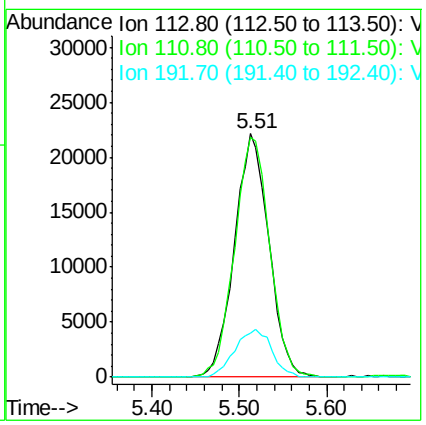


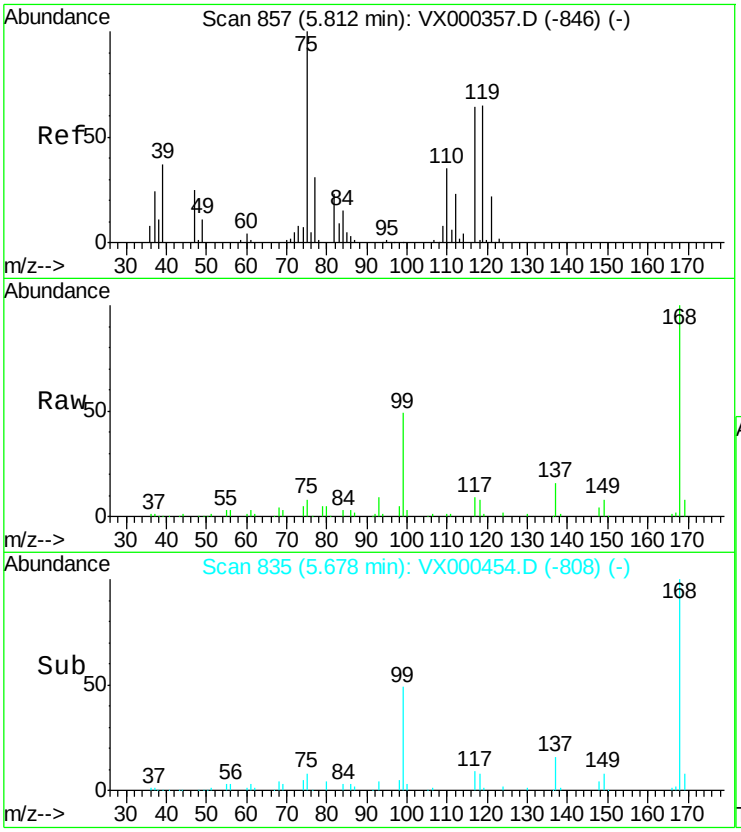


#35
Dibromofluoromethane
Concen: 51.841 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion:113 Resp: 60538

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.4	123.6
192	20.8	15.8	23.6



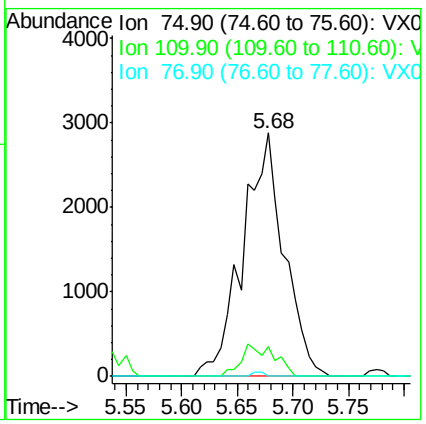


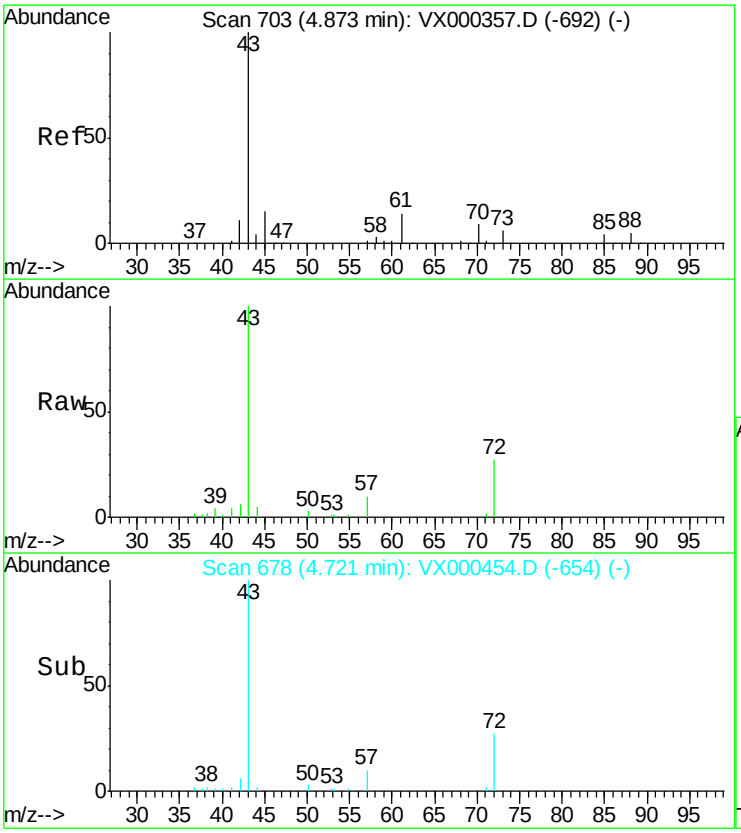
#36
1,1-Dichloropropene
Concen: 4.304 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 7472

Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.9	53.7#
77	0.5	24.0	36.0#

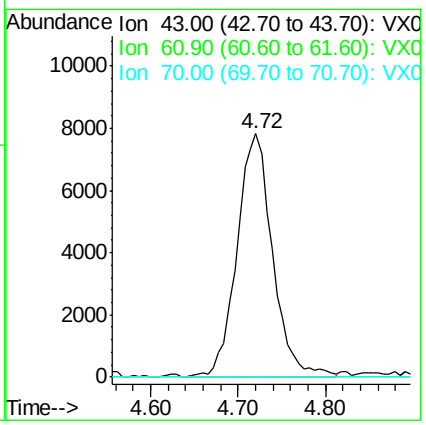


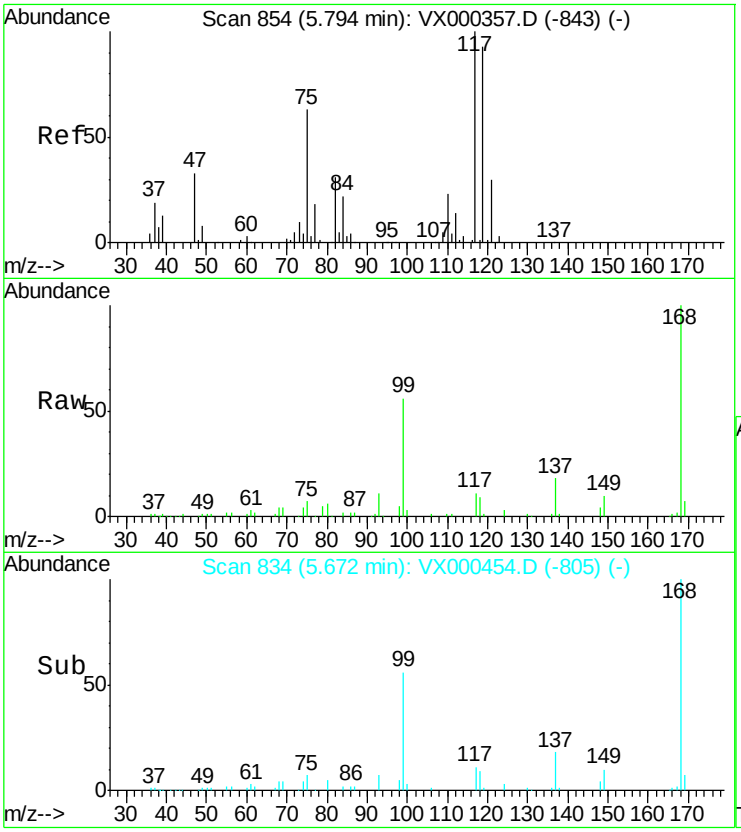


#37
Ethyl Acetate
Concen: 9.301 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.15 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 43 Resp: 22057

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	7.7	11.5#



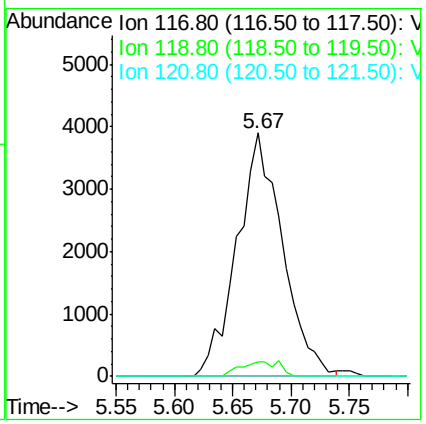


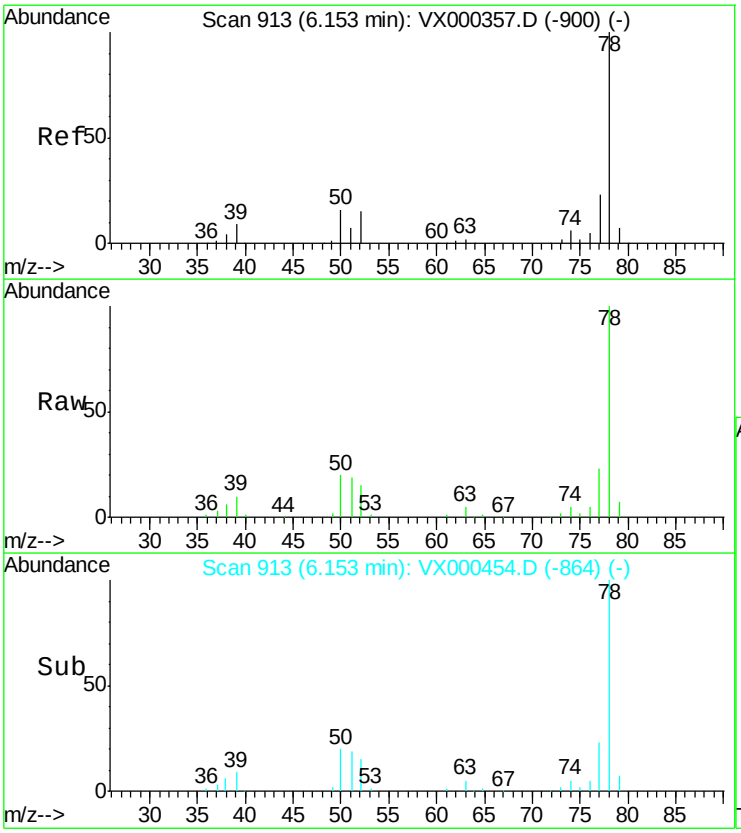
#38
Carbon Tetrachloride
Concen: 5.821 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 10601

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.4	116.2#
121	0.0	24.8	37.2#

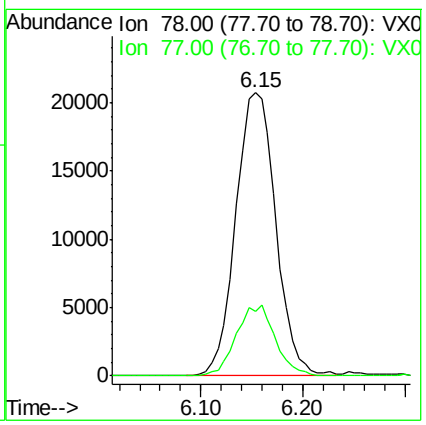


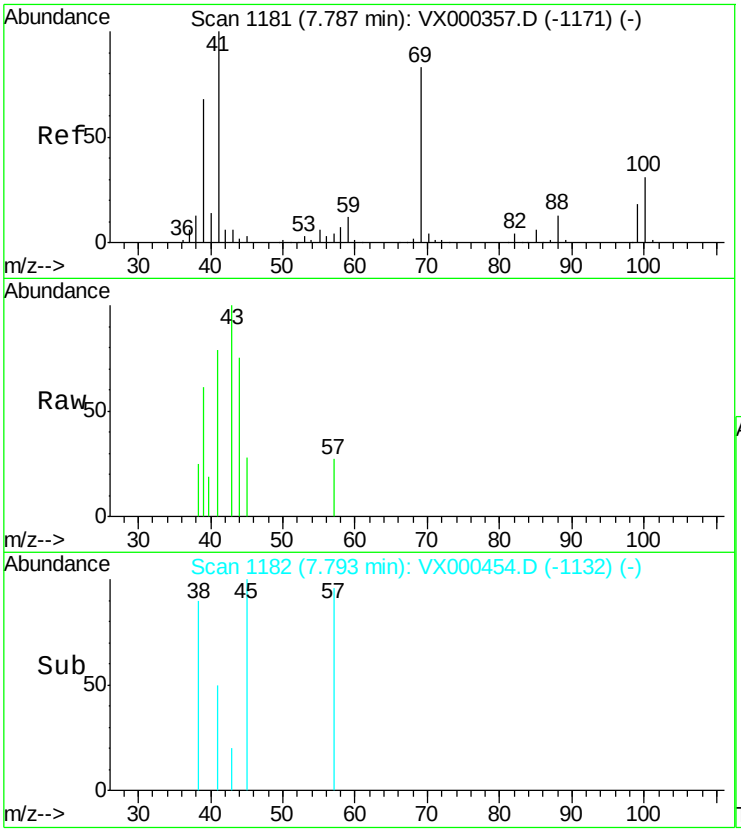


#40
Benzene
Concen: 11.221 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 78 Resp: 56572

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.7	28.1



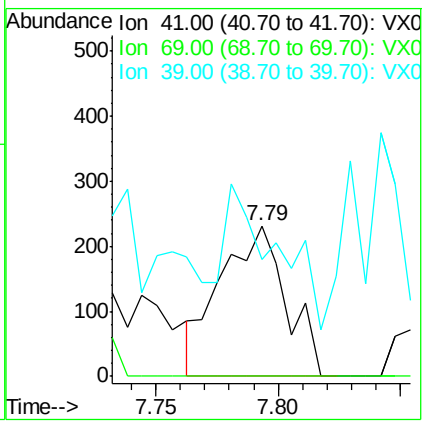


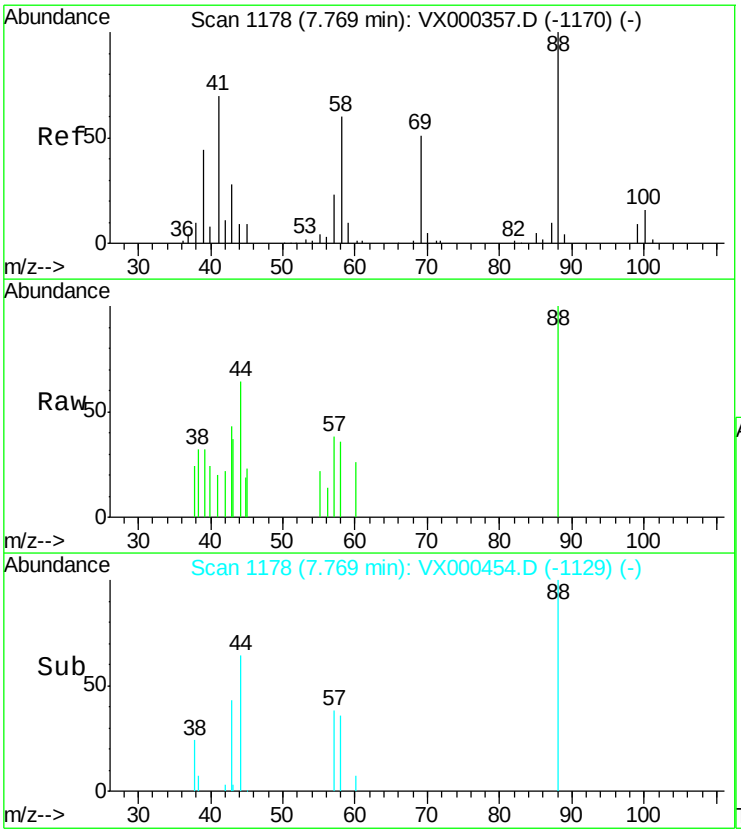
#48
Methyl methacrylate
Concen: 0.251 ug/l
RT: 7.79 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 431

Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.2	102.4#
39	73.5	54.6	81.8

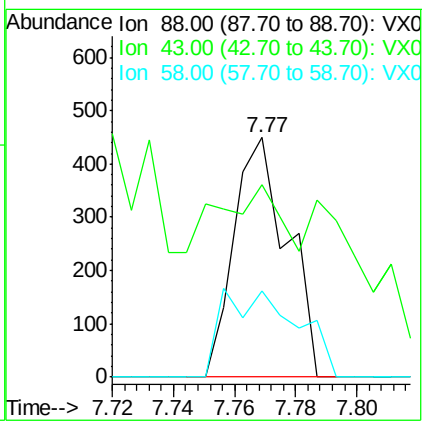


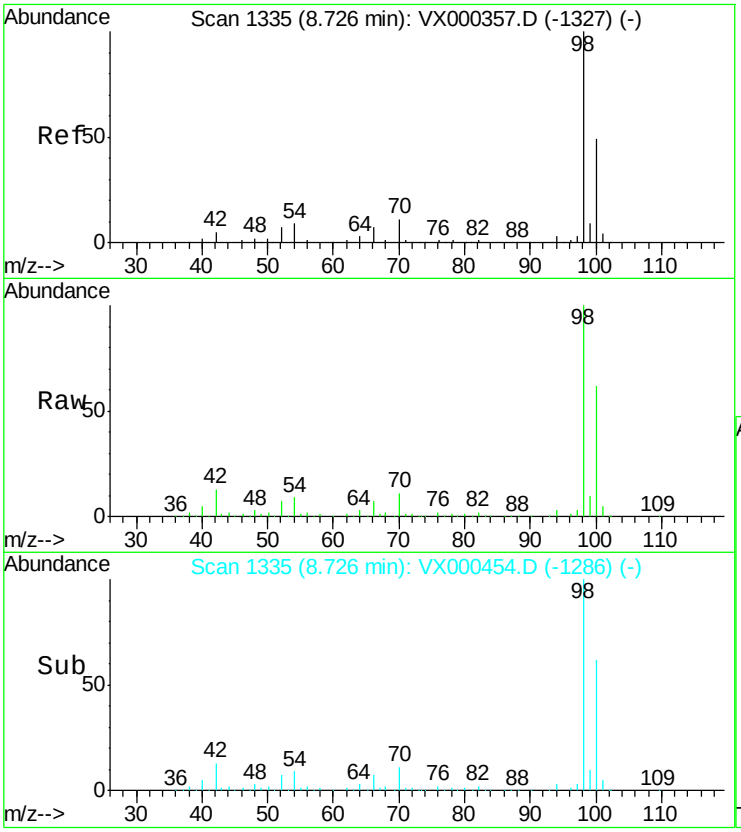


#49
1,4-Dioxane
Concen: 14.991 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 88 Resp: 540

Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.8	40.2
58	50.7	52.2	78.2#



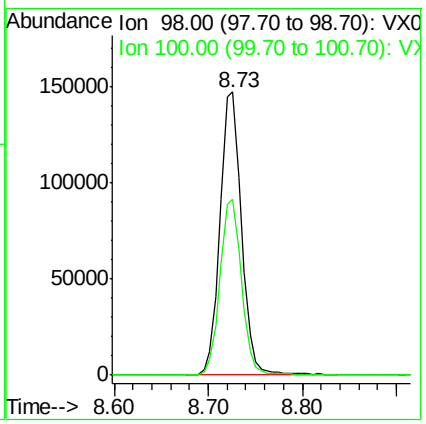


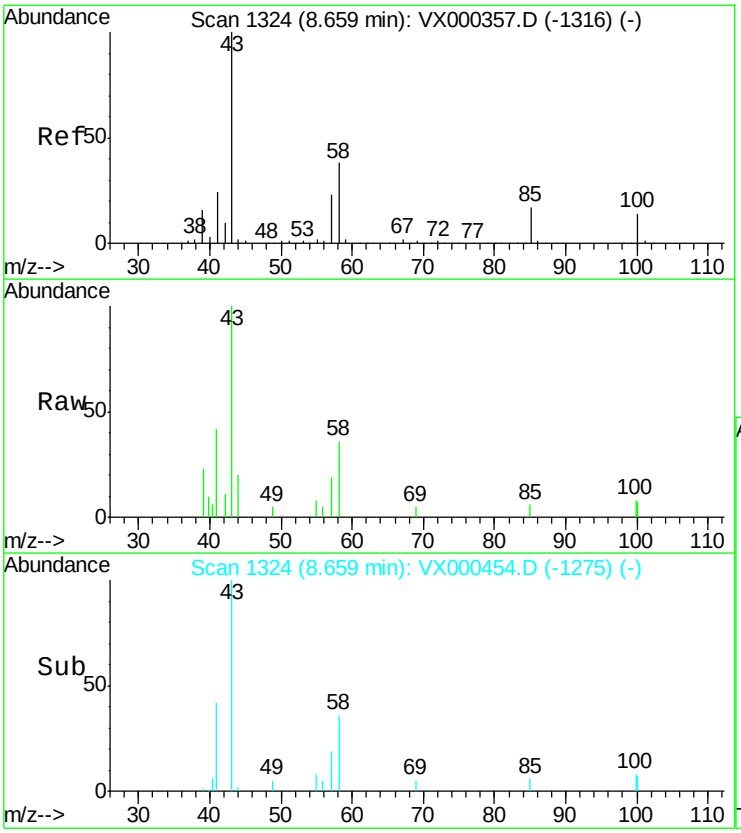
#50
Toluene-d8
Concen: 48.340 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 233795

Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.2	76.8

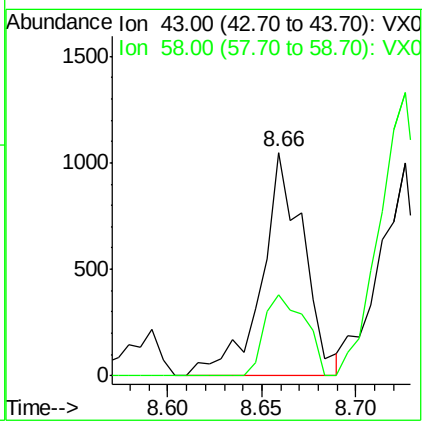


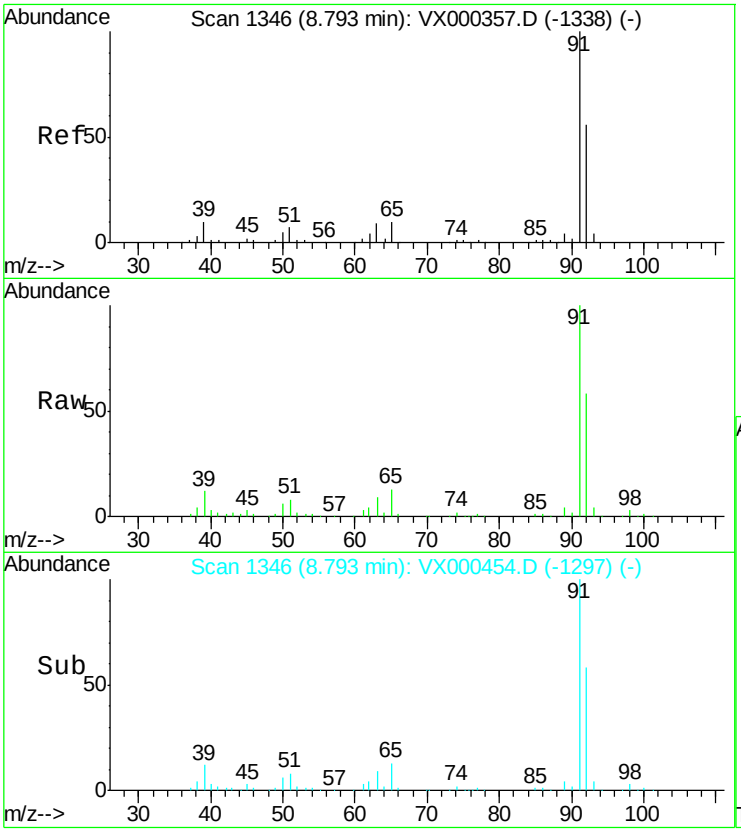


#51
4-Methyl-2-Pentanone
Concen: 0.593 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 43 Resp: 1620

Ion	Ratio	Lower	Upper
43	100		
58	35.2	30.3	45.5



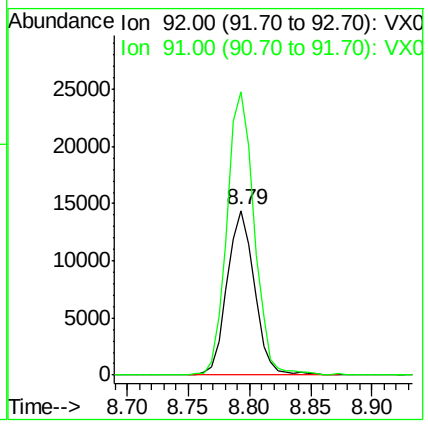


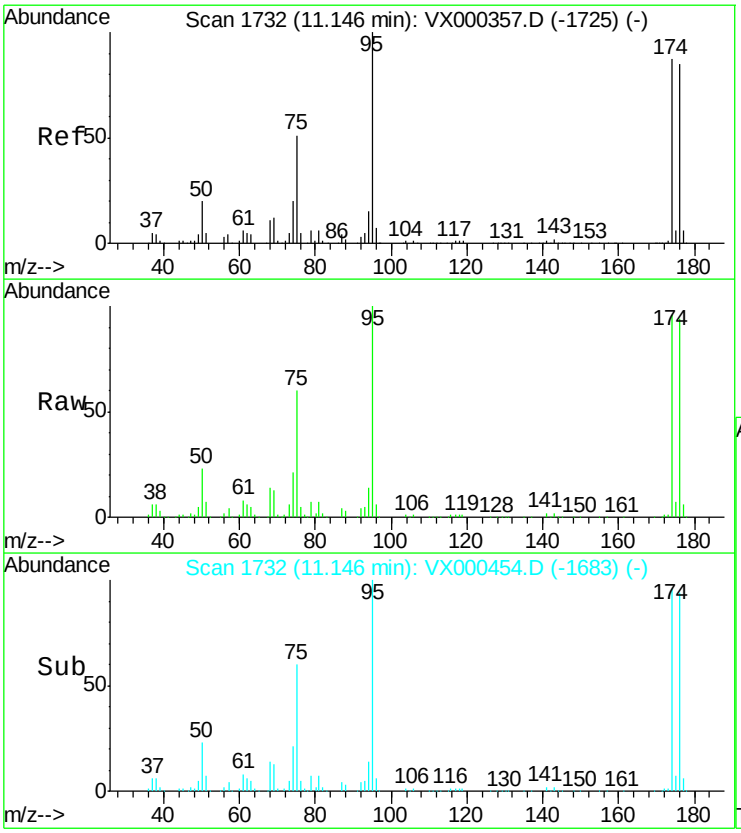
#52
Toluene
Concen: 6.350 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 22379

Ion	Ratio	Lower	Upper
92	100		
91	170.6	140.2	210.2

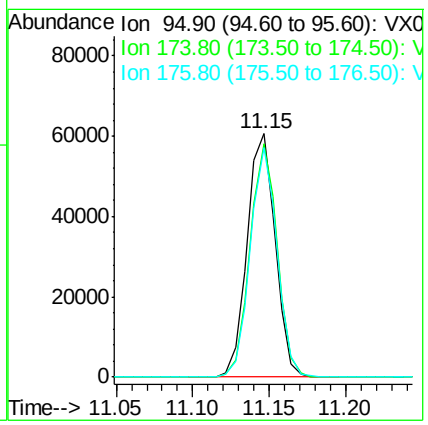


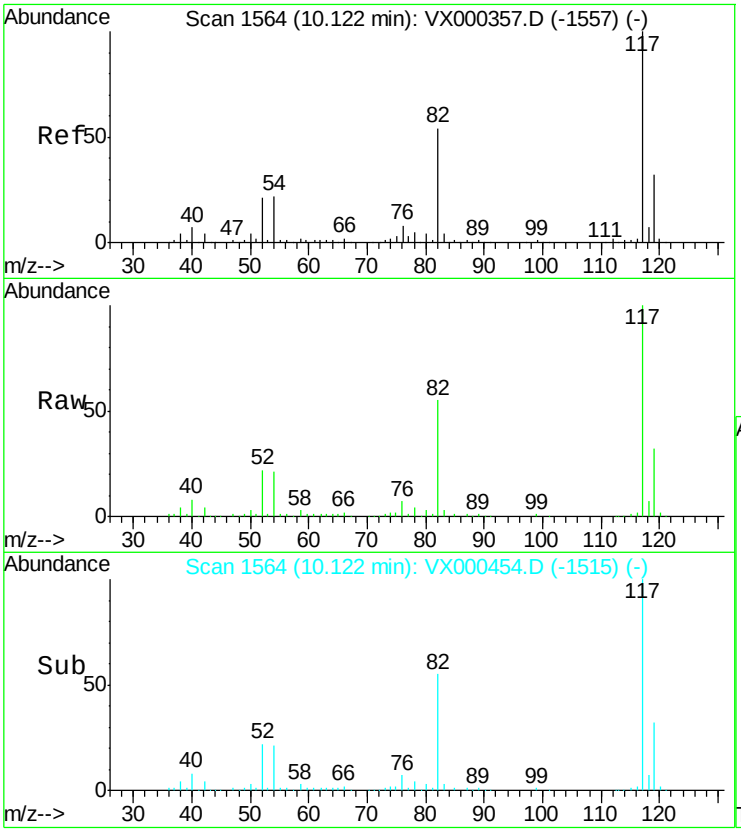


#62
4-Bromofluorobenzene
Concen: 39.286 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 95 Resp: 77200

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	173.6
176	90.1	0.0	164.6



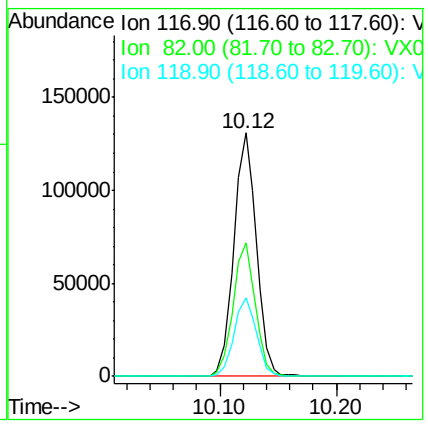


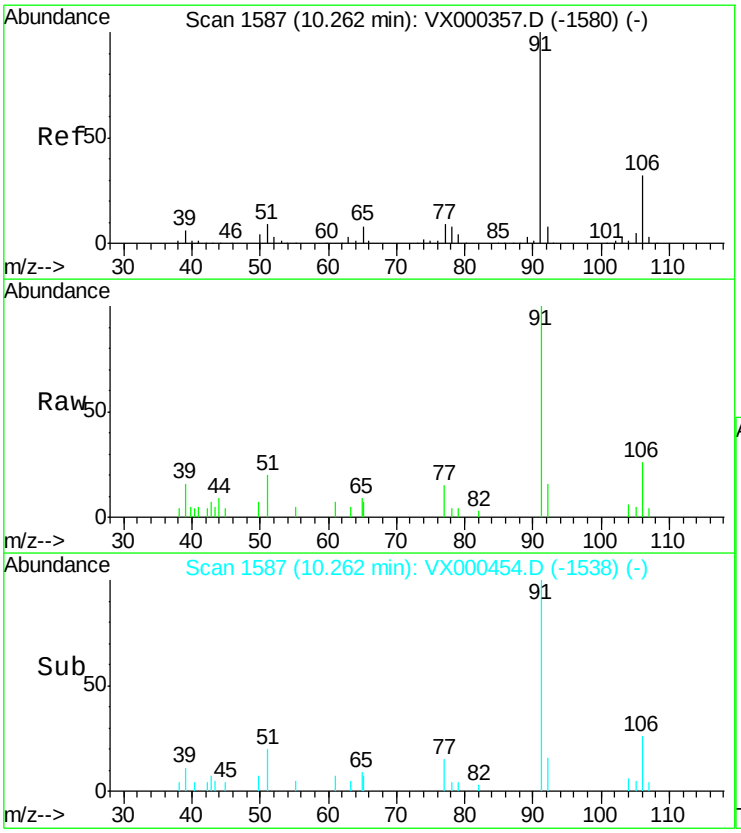
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 176659

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.8
119	32.3	24.9	37.3

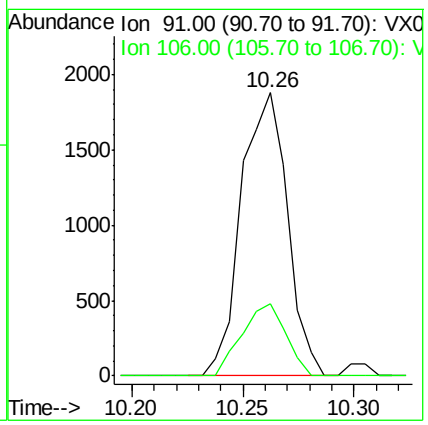


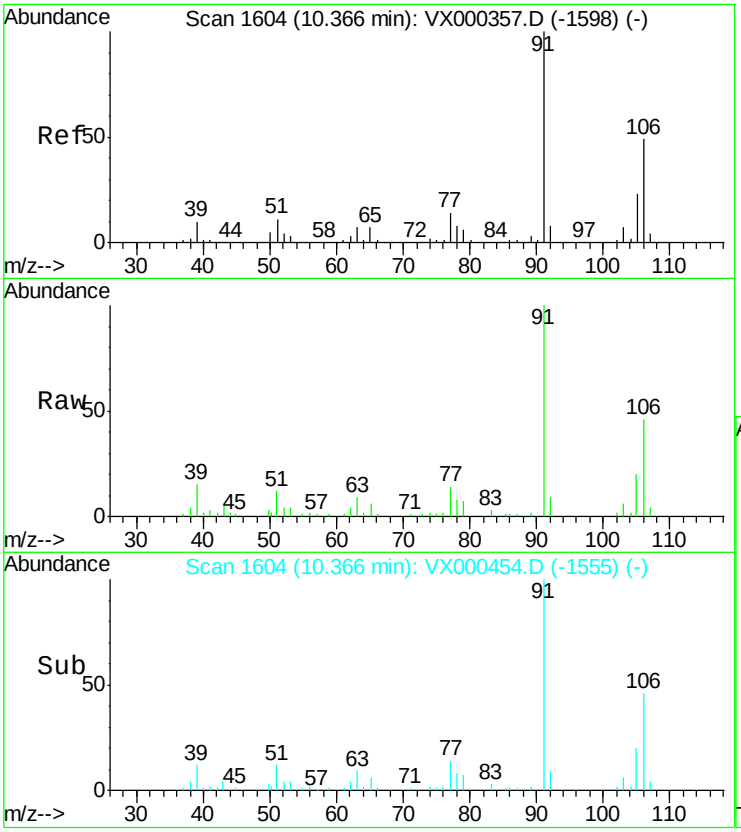


#67
Ethyl Benzene
Concen: 0.407 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 91 Resp: 2714

Ion	Ratio	Lower	Upper
91	100		
106	25.6	25.0	37.6



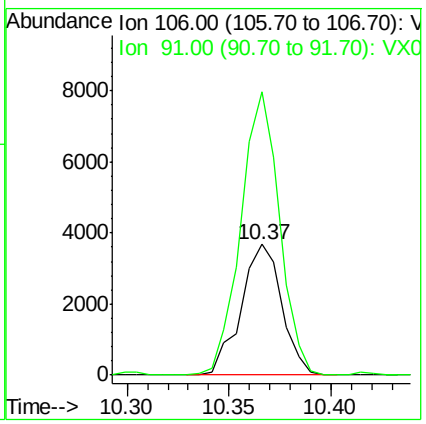


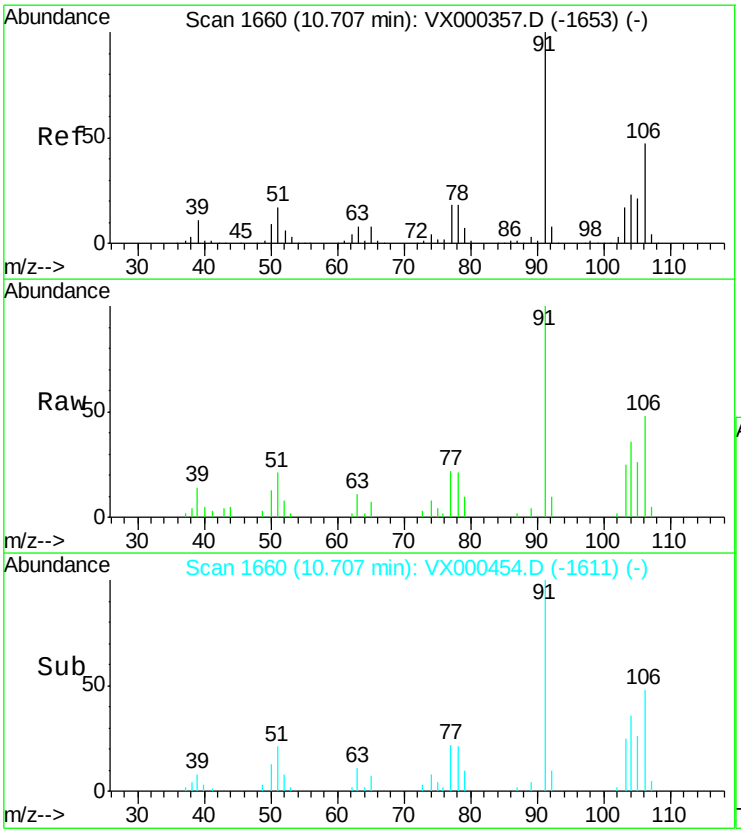
#68
m/p-Xylenes
Concen: 1.948 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 5108

Ion	Ratio	Lower	Upper
106	100		
91	205.7	163.4	245.2

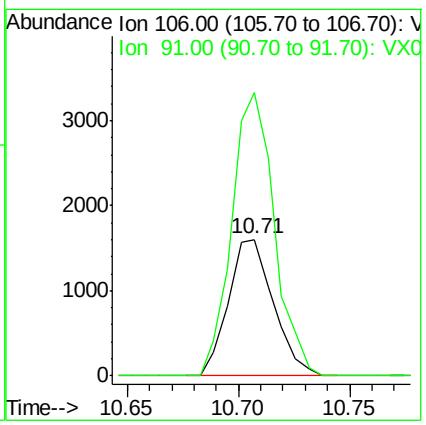


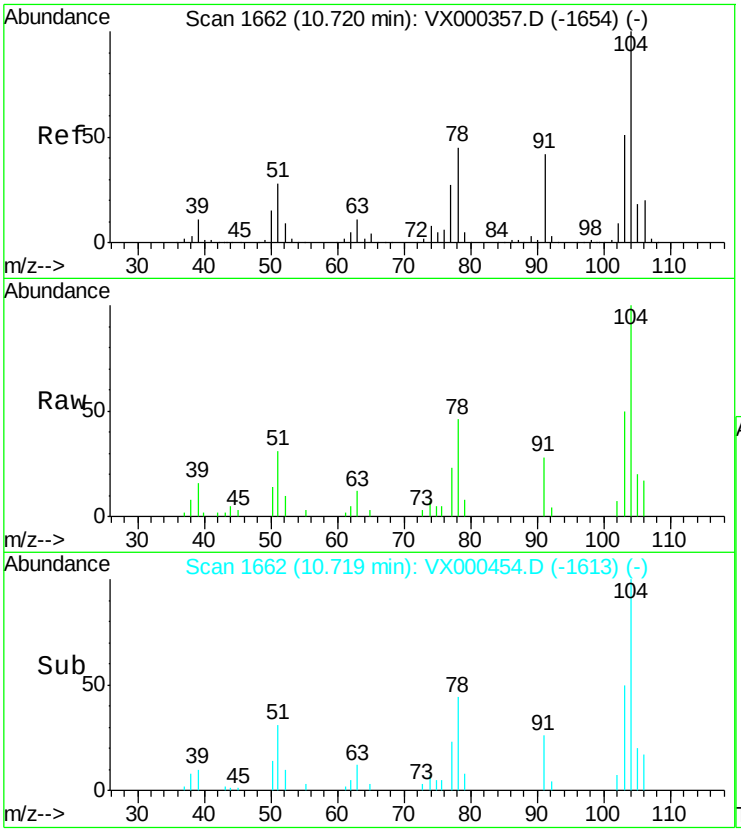


#69
o-Xylene
Concen: 0.888 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion:106 Resp: 2255

Ion	Ratio	Lower	Upper
106	100		
91	196.2	106.5	319.6



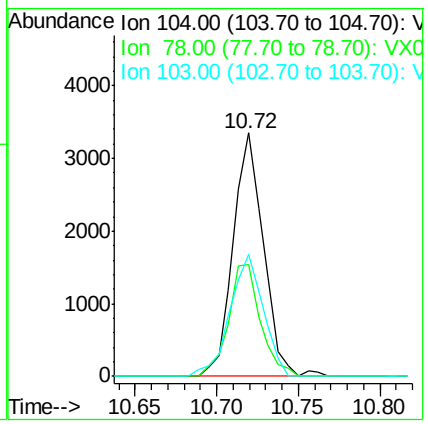


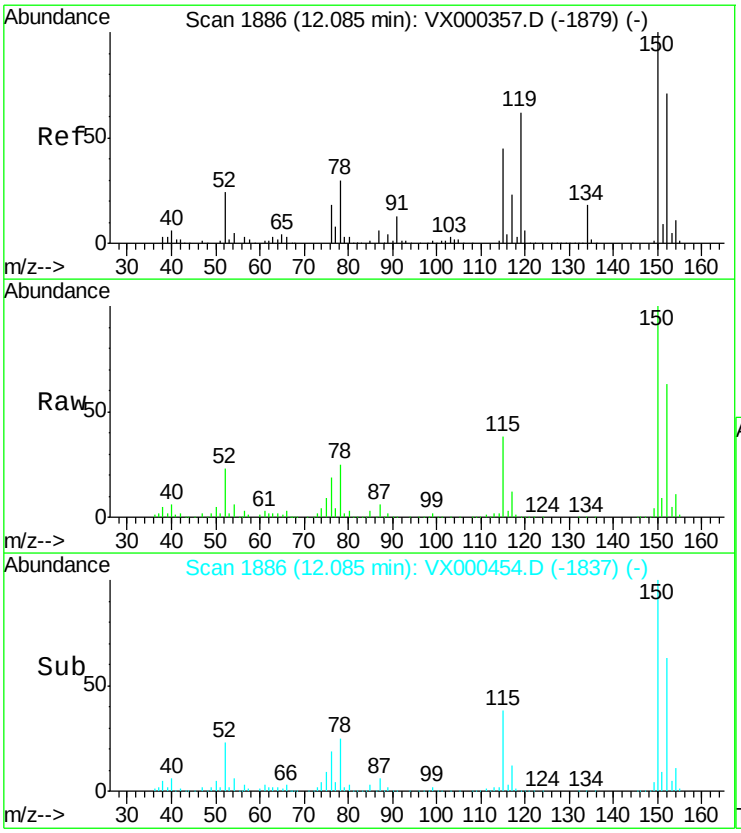
#70
Stvrene
Concen: 1.032 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:104 Resp: 4334

Ion	Ratio	Lower	Upper
104	100		
78	48.3	40.5	60.7
103	54.8	45.7	68.5

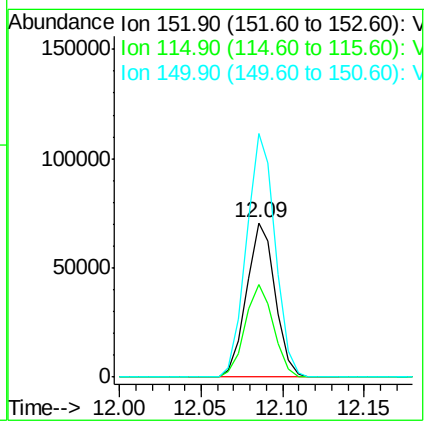


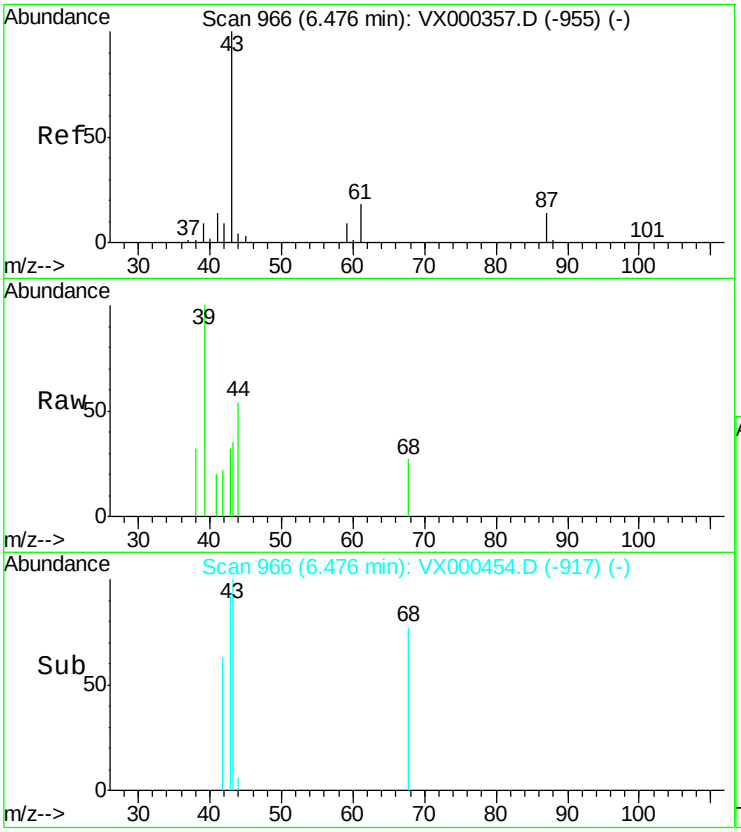


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion:152 Resp: 86441

Ion	Ratio	Lower	Upper
152	100		
115	59.4	39.8	119.3
150	158.7	0.0	344.4



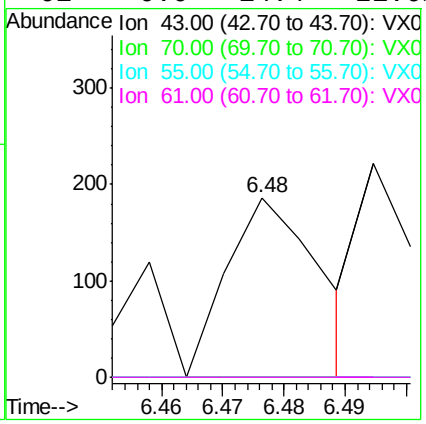


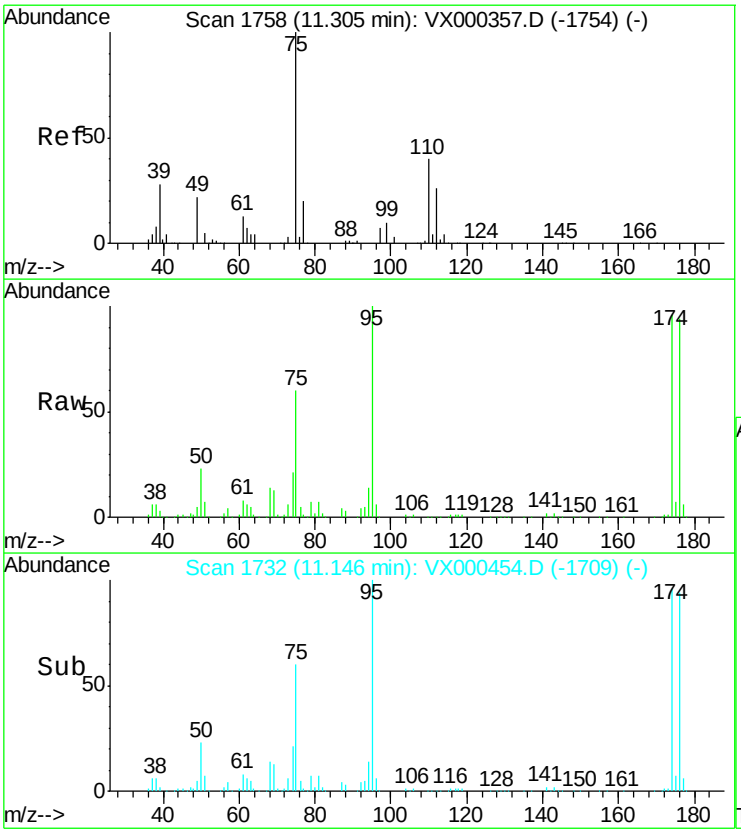
#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 192

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

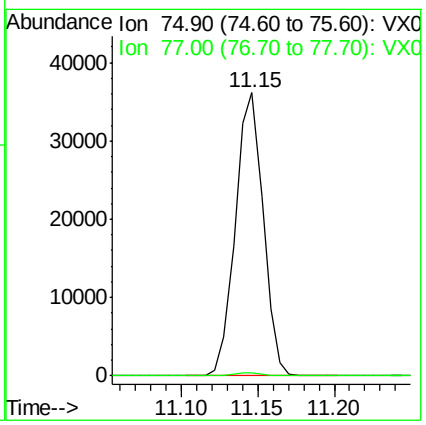


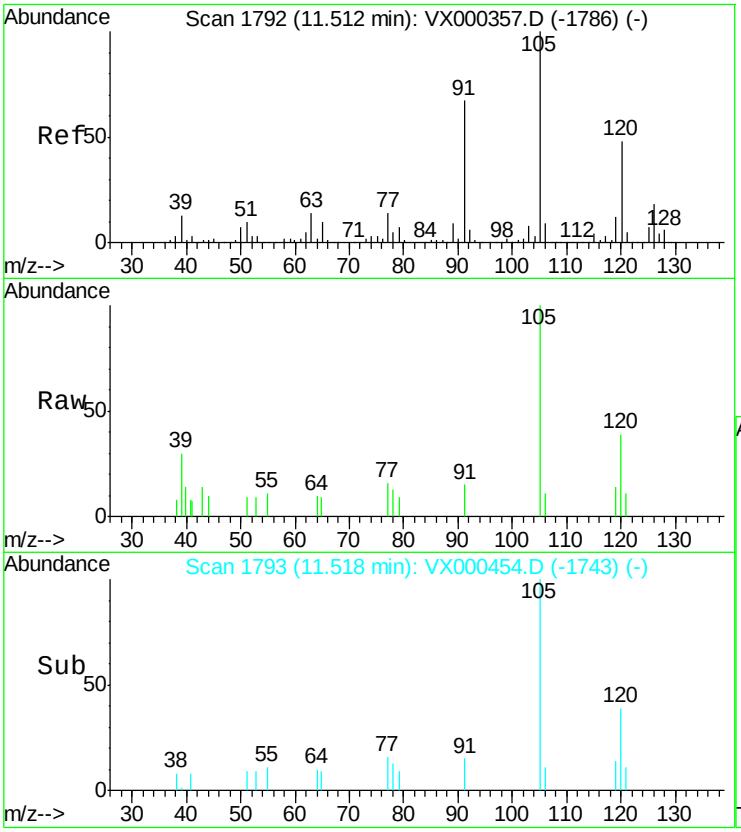


#76
1,2,3-Trichloropropane
Concen: 24.538 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 75 Resp: 45584

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.4	64.2#



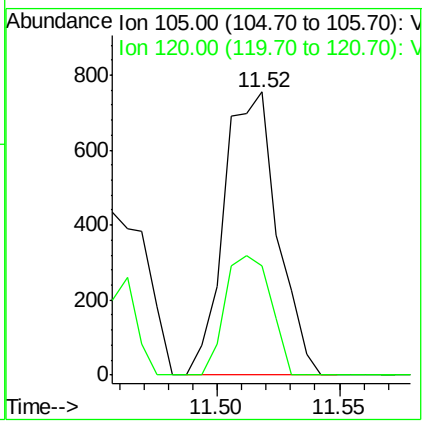


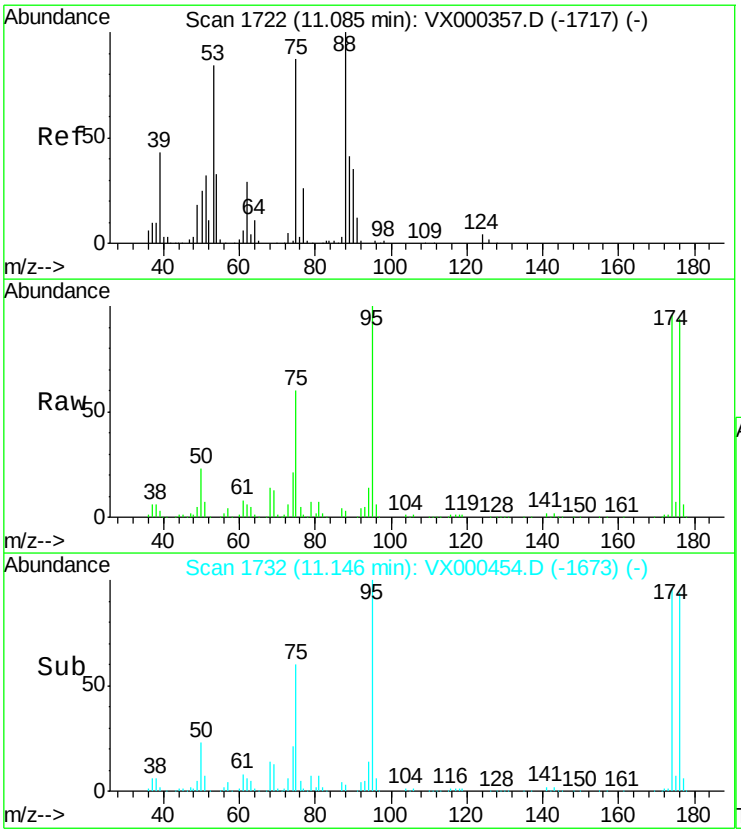
#80
1,3,5-Trimethylbenzene
Concen: 0.236 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 1138

Ion	Ratio	Lower	Upper
105	100		
120	36.5	24.1	72.4

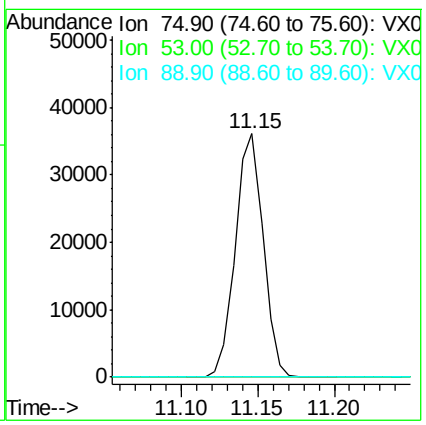


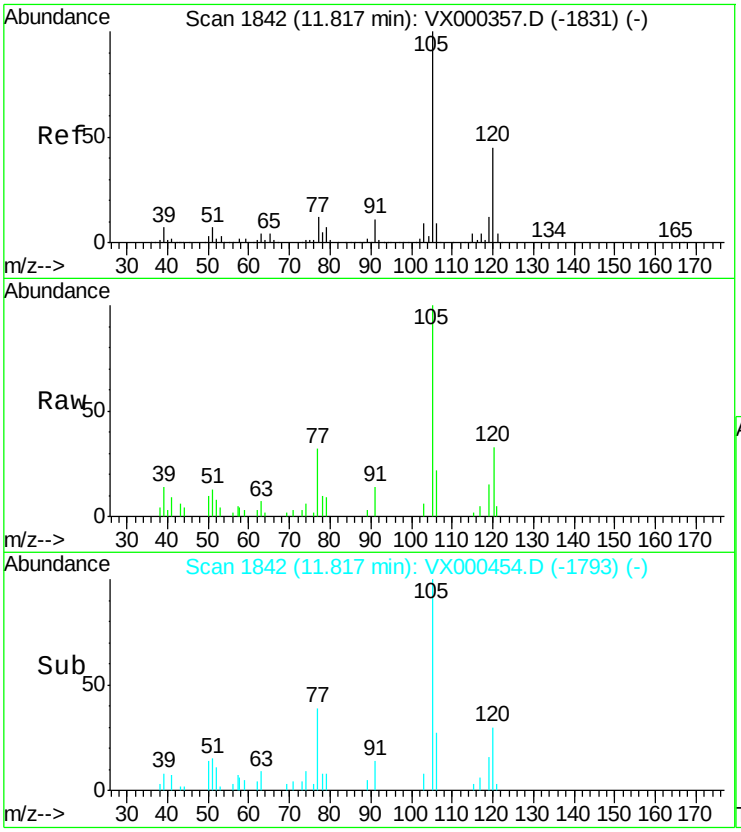


#81
trans-1,4-Dichloro-2-butene
Concen: 79.443 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion: 75 Resp: 45584

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



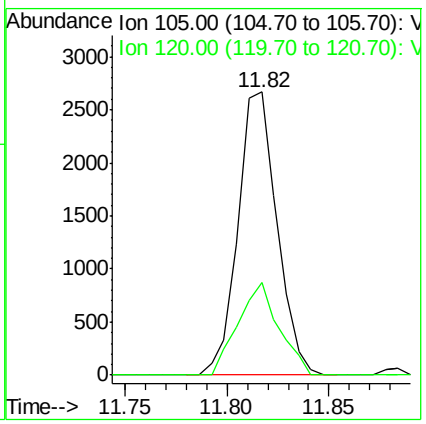


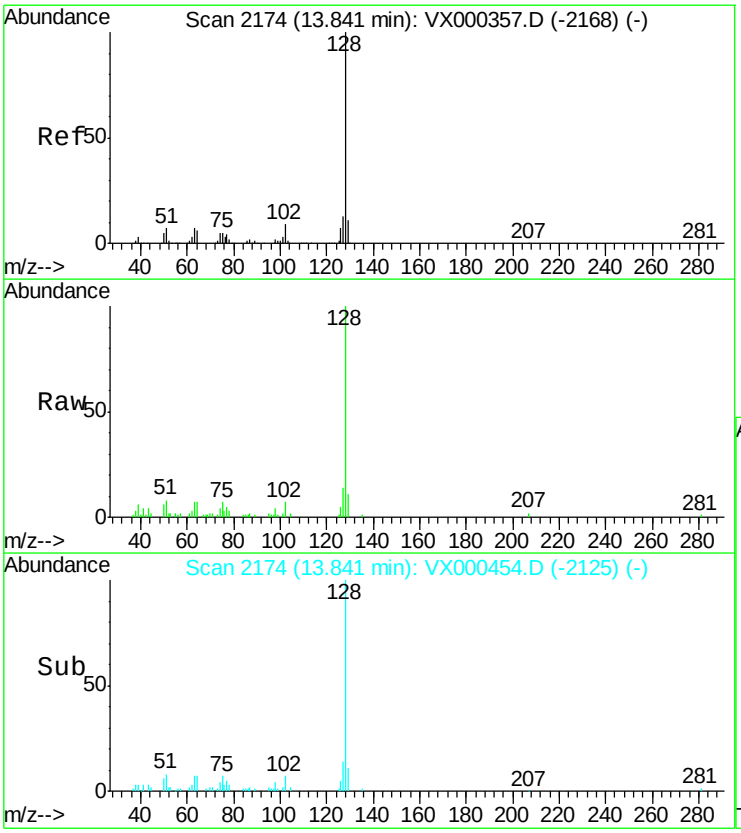
#84
1,2,4-Trimethylbenzene
Concen: 0.700 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 3534

Ion	Ratio	Lower	Upper
105	100		
120	34.4	22.4	67.3





#95
Naphthalene
Concen: 1.454 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000454.D
Acq: 26 Mar 2018 20:53

Tgt Ion:128 Resp: 10270

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	15.8
129	12.3	8.9	13.3