Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\

Quantitation Report (Not Reviewed)

Data File : VX001104.D
Acq On : 25 Apr 2018 03:51
Operator : JC/MD
Sample : J2463-15 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF015MW045-180416

Quant Time: Apr 25 07:28:18 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	218610	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	300543	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	277231	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165605	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	145656	52.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.12%				
35) Dibromofluoromethane	5.51	113	107753	47.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.04%				
50) Toluene-d8	8.72	98	425132	50.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.34%				
62) 4-Bromofluorobenzene	11.14	95	155571	43.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.48%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	1190421	454.95	ug/l		100
5) Bromomethane	1.64	94	965	Below Cal			86
10) Methyl Iodide	2.51	142	647	7.84	ug/l	#	91
11) Tert butyl alcohol	3.11	59	980	2.34	ug/l	#	90
13) Acrolein	2.29	56	59	11.37	ug/l	#	1
15) Acrylonitrile	3.17	53	239	0.21	ug/l	#	44
16) Acetone	2.46	43	766	0.73	ug/l		99
20) Methylene Chloride	2.86	84	1068	Below Cal		#	80
21) trans-1,2-Dichloroethene	3.16	96	1003	0.42	ug/l	#	74
27) cis-1,2-Dichloroethene	4.60	96	78558	29.74	ug/l		89
29) Tetrahydrofuran	5.18	42	1028	1.00	ug/l	#	68
36) 1,1-Dichloropropene	5.67	75	13467	3.81	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	18968	5.30	ug/l	#	16
40) Benzene	6.15	78	133756	13.62	ug/l		100
42) 1,2-Dichloroethane	6.20	62	813	0.22	ug/l	#	76
44) Trichloroethene	7.22	130	5547	1.85	ug/l		92
52) Toluene	8.79	92	29728	4.64	ug/l		99
59) 2-Hexanone	9.32	43	3442	1.33	ug/l		76
65) Chlorobenzene	10.15	112	2210602	299.46	ug/l		98
67) Ethyl Benzene	10.26	91	4555	0.37	ug/l		99
68) m/p-Xylenes	10.37	106	2805	0.58	ug/l		97
69) o-Xylene	10.71	106	3375	0.72	ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	80446	28.00	ug/l	#	38
80) 1,3,5-Trimethylbenzene	11.51	105	2899	0.32	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.14	75	80446	83.59	ug/l	#	8
84) 1,2,4-Trimethylbenzene	11.81	105	2733	0.29	ug/l		98
87) 1,3-Dichlorobenzene	12.03	146	49610	8.43	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	368559	61.03	ug/l		100
91) 1,2-Dichlorobenzene	12.40	146	1064099	186.83	ug/l		99
95) Naphthalene	13.84	128	2694	0.23	ug/l		98

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

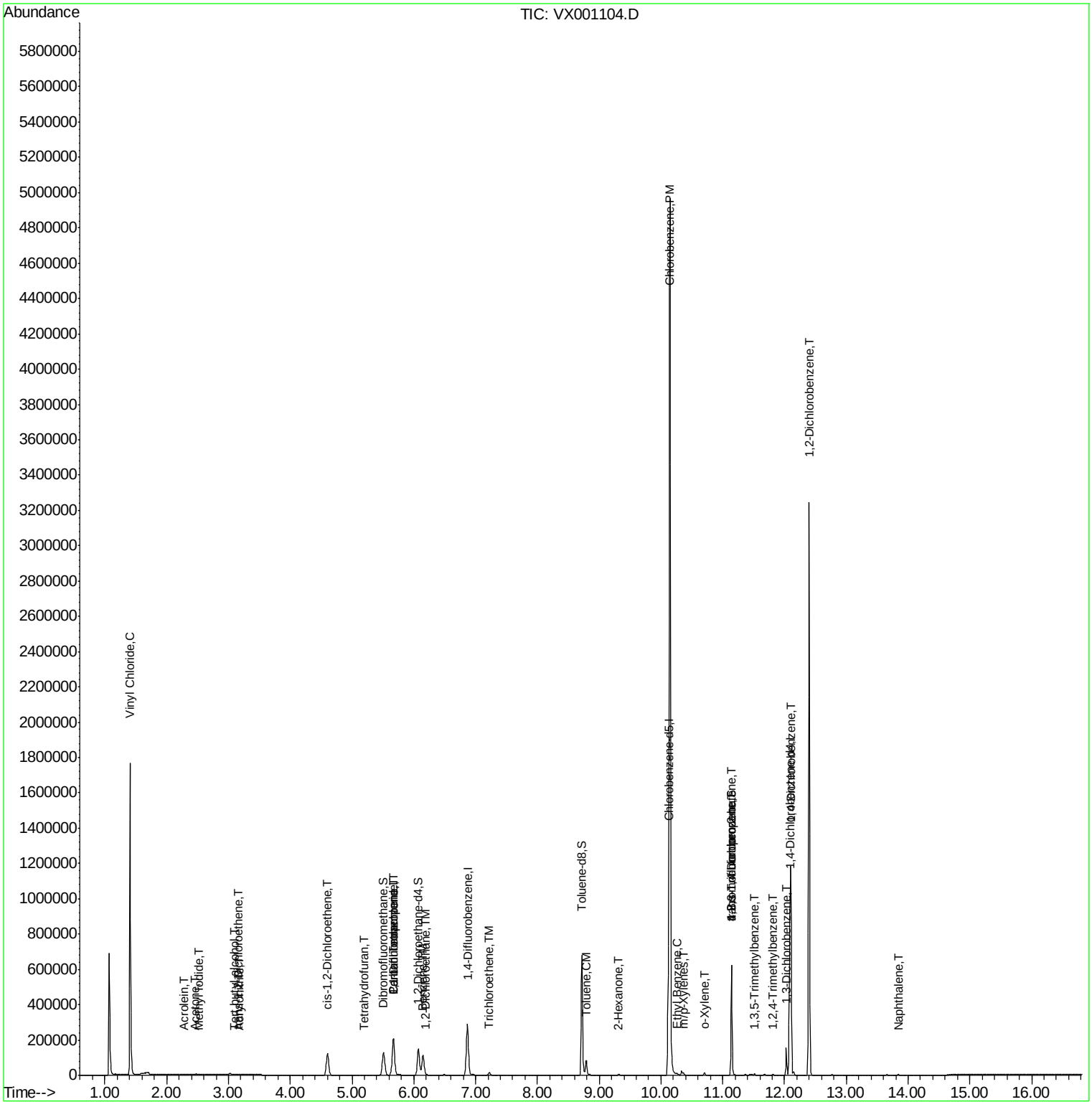
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\

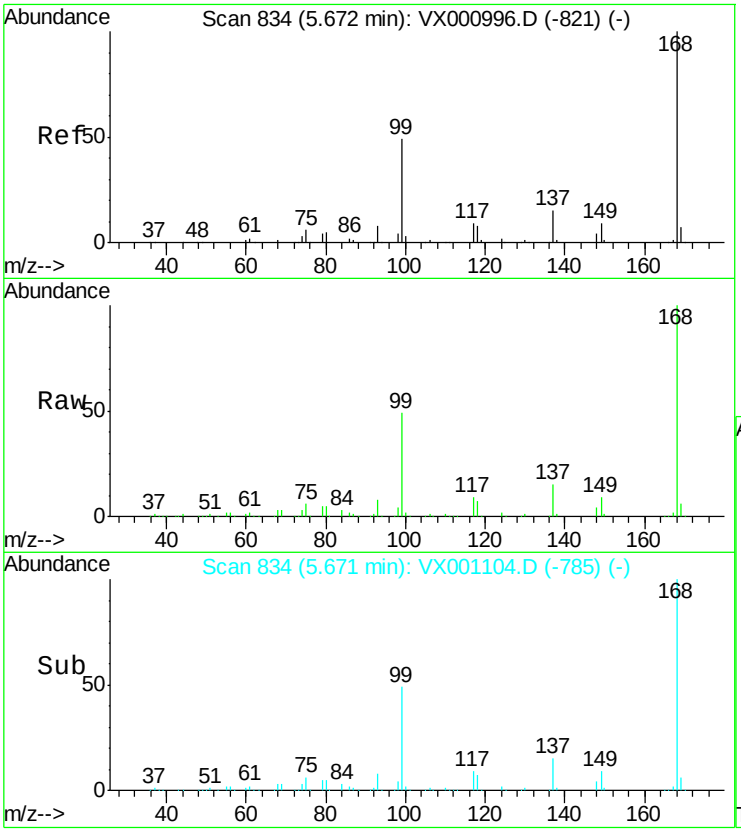
Quantitation Report (Not Reviewed)

Data File : VX001104.D
Acq On : 25 Apr 2018 03:51
Operator : JC/MD
Sample : J2463-15 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Quant Time: Apr 25 07:28:18 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration



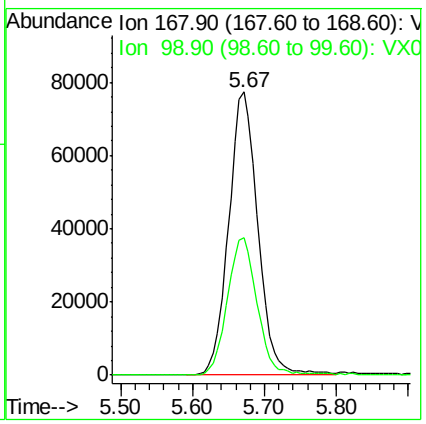


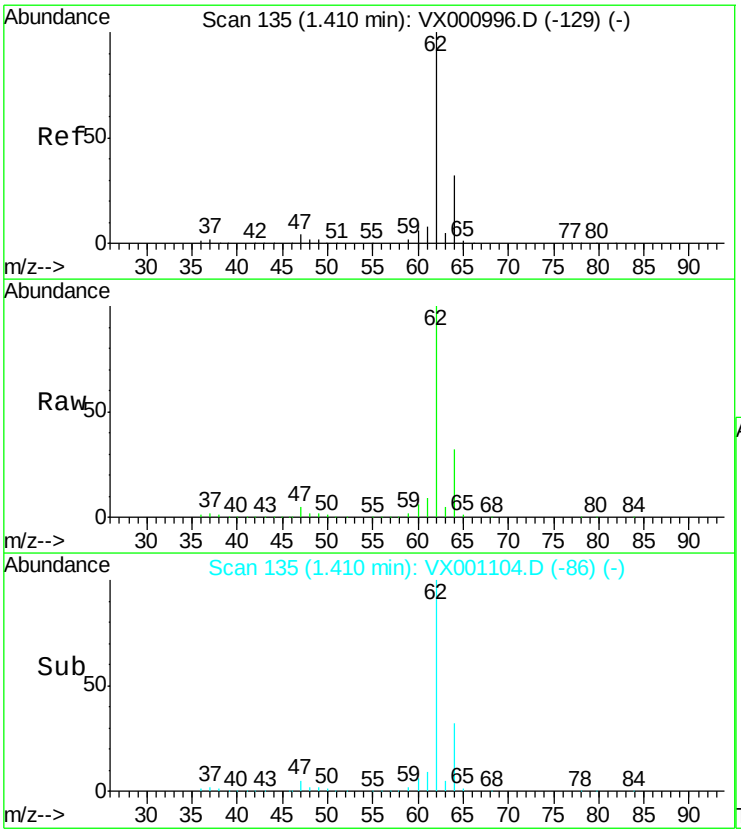
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion:168 Resp: 218610

Ion	Ratio	Lower	Upper
168	100		
99	48.7	39.2	58.8

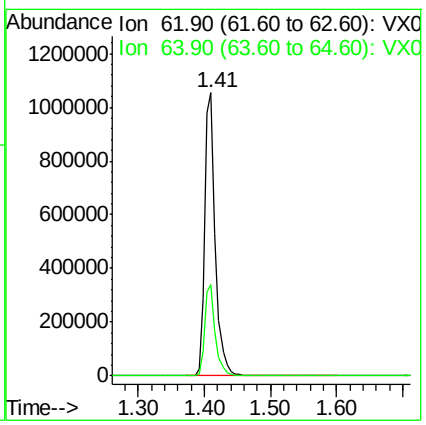


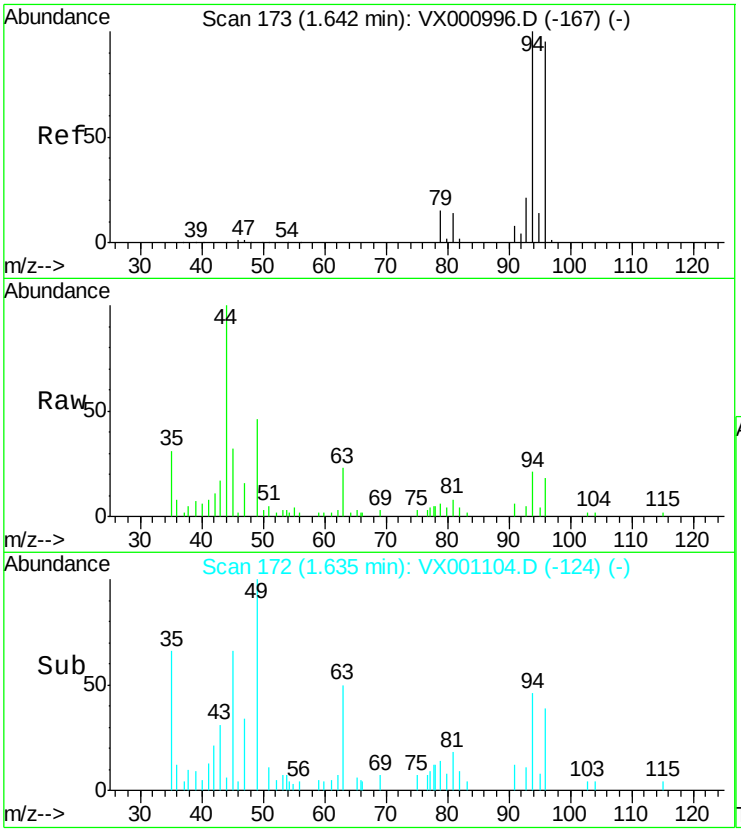


#4
Vinyl Chloride
Concen: 454.95 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion: 62 Resp: 1190421

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.6	38.4



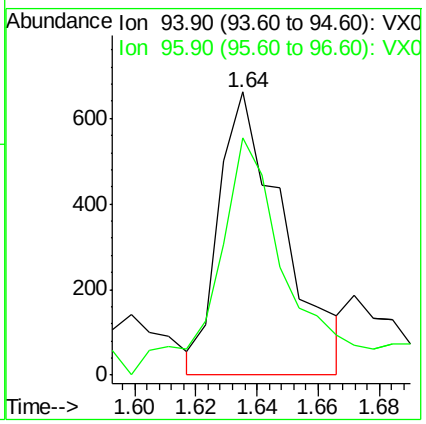


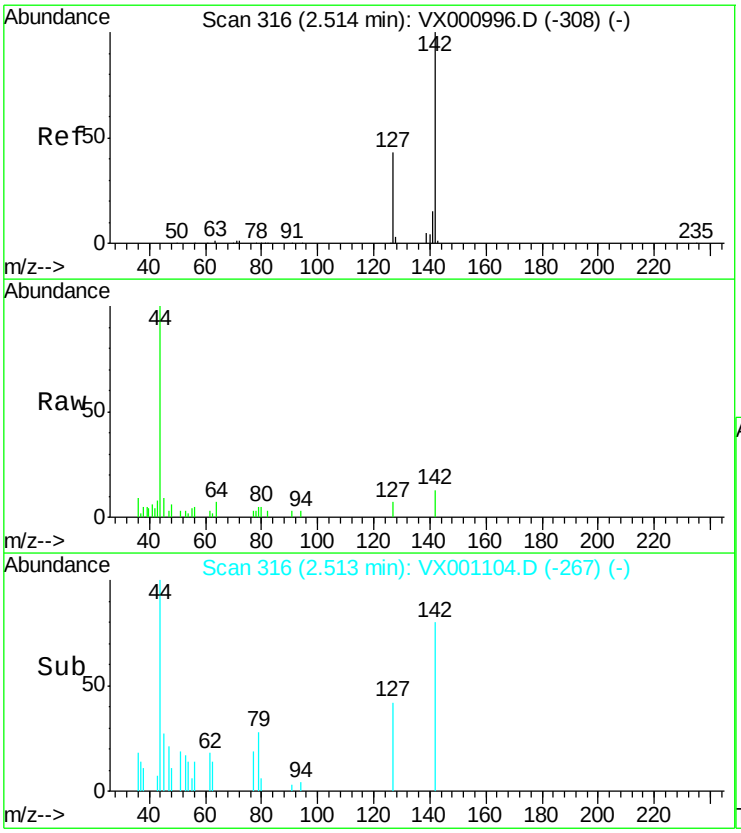
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 172
Delta R.T. -0.01 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 94 Resp: 965

Ion	Ratio	Lower	Upper
94	100		
96	81.5	76.0	114.0

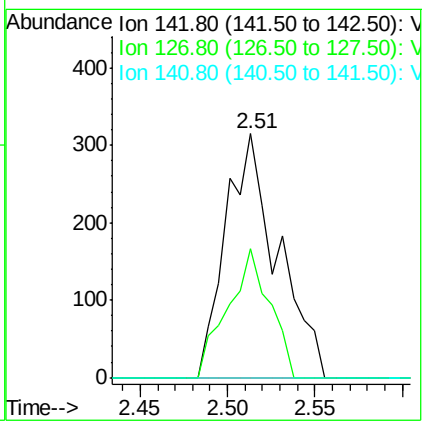


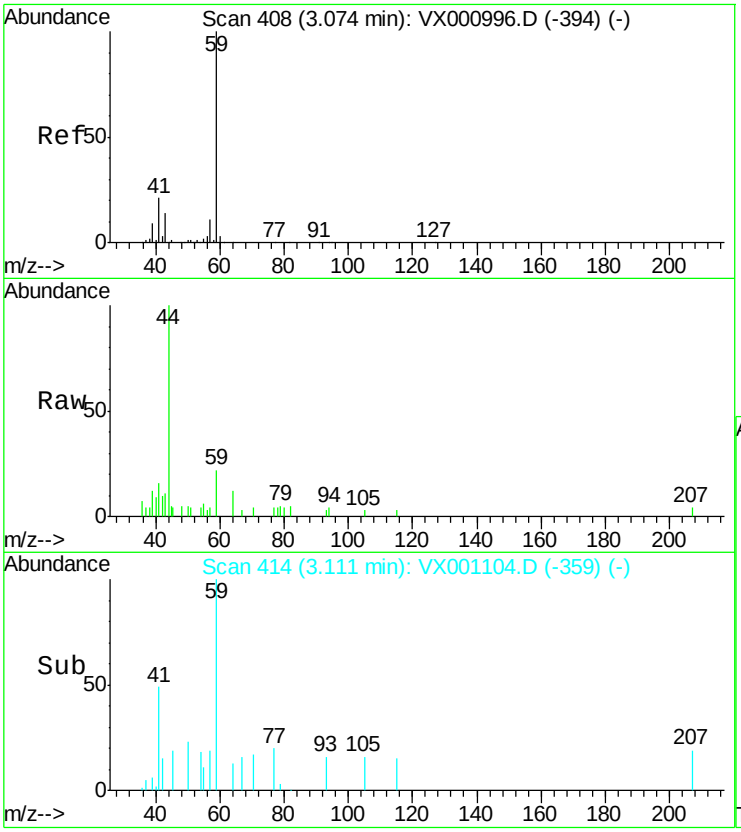


#10
Methyl Iodide
Concen: 7.84 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion:142 Resp: 647

Ion	Ratio	Lower	Upper
142	100		
127	43.0	34.0	51.0
141	0.0	11.4	17.2#



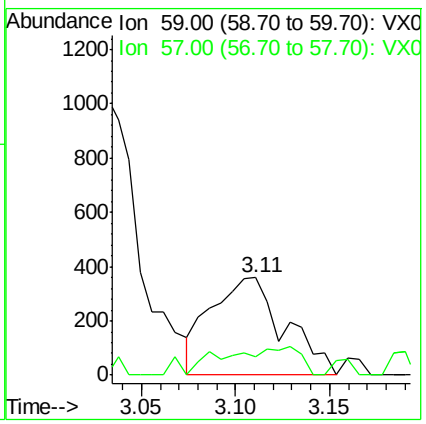


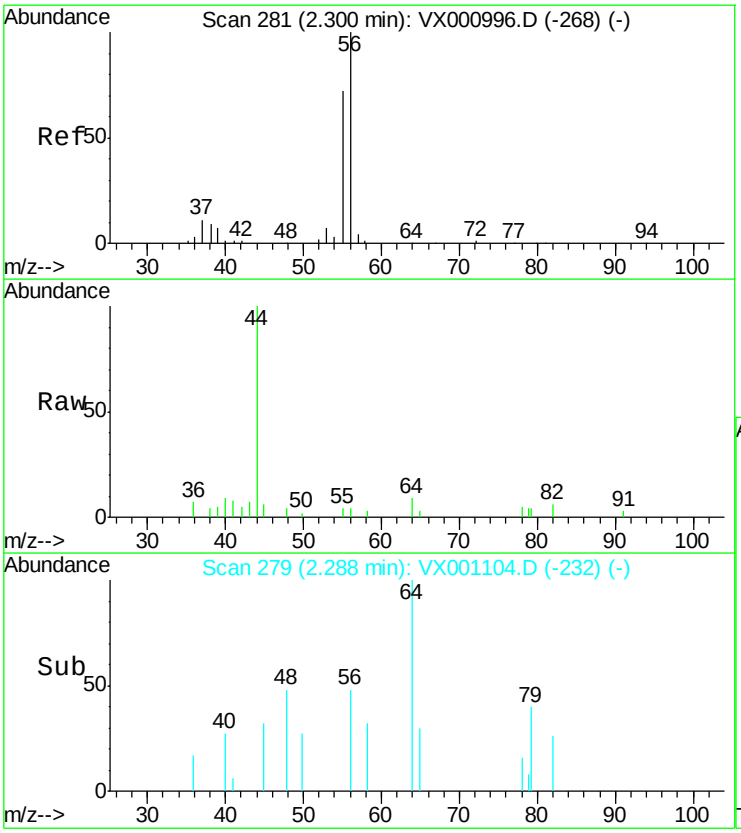
#11
Tert butyl alcohol
Concen: 2.34 ug/l
RT: 3.11 min Scan# 414
Delta R.T. 0.04 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 59 Resp: 980

Ion	Ratio	Lower	Upper
59	100		
57	14.0	8.3	12.5#

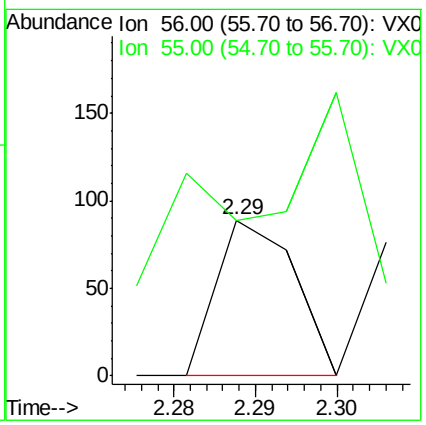


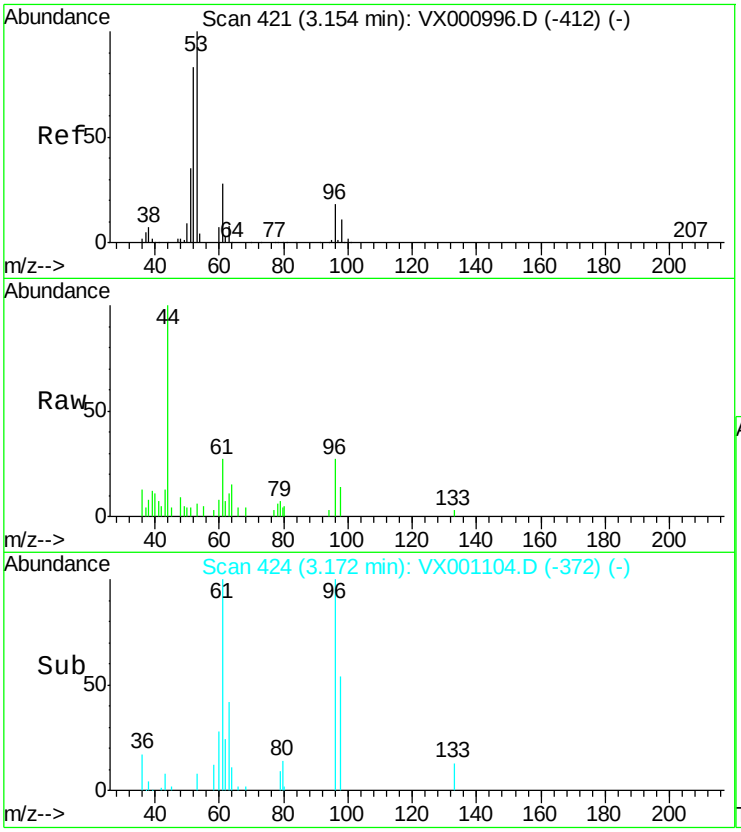


#13
Acrolein
Concen: 11.37 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion: 56 Resp: 59

Ion	Ratio	Lower	Upper
56	100		
55	540.7	57.4	86.2#



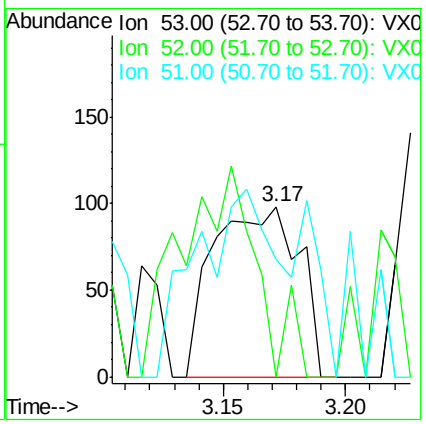


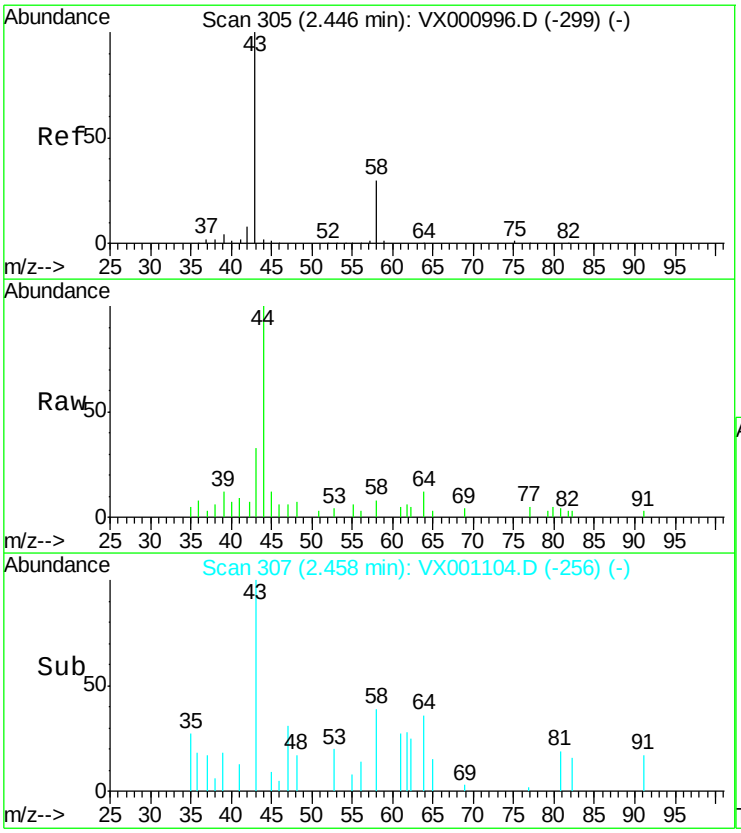
#15
Acrylonitrile
Concen: 0.21 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.02 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument : MSVOA_X
ClientSampleId : LF015MW045-180416

Tgt Ion: 53 Resp: 239

Ion	Ratio	Lower	Upper
53	100		
52	109.6	66.4	99.6#
51	104.2	29.0	43.6#

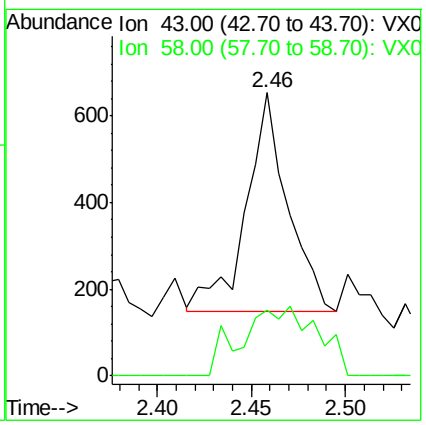


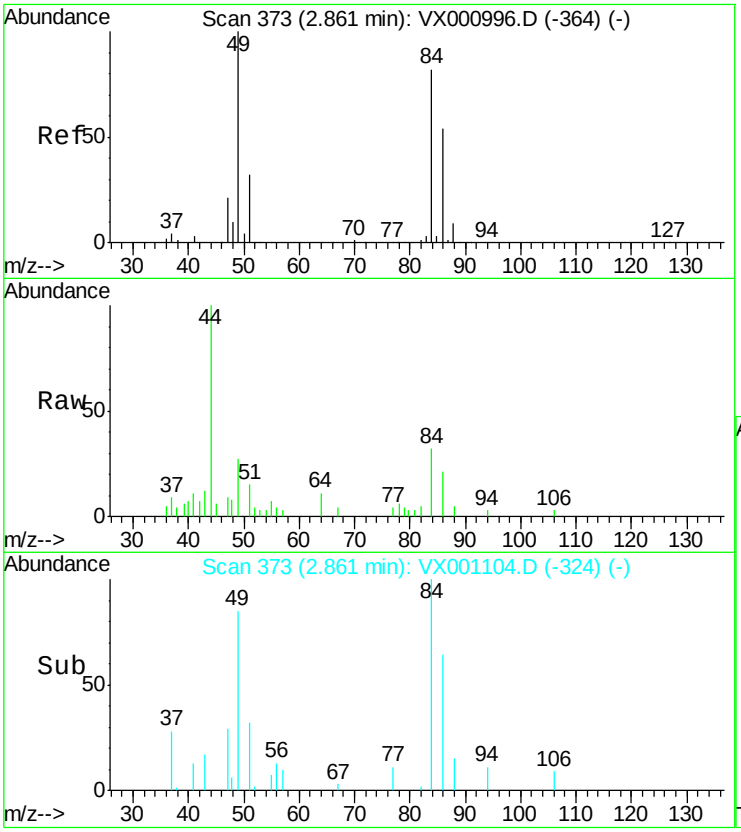


#16
Acetone
Concen: 0.73 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion: 43 Resp: 766

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.7	35.5



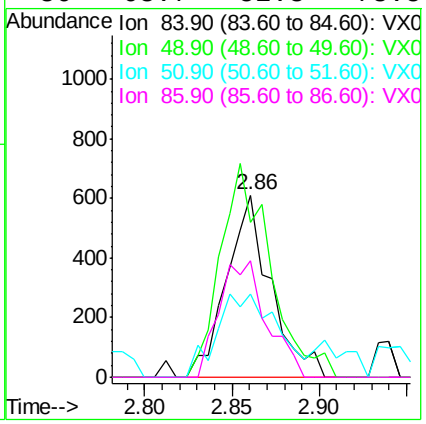


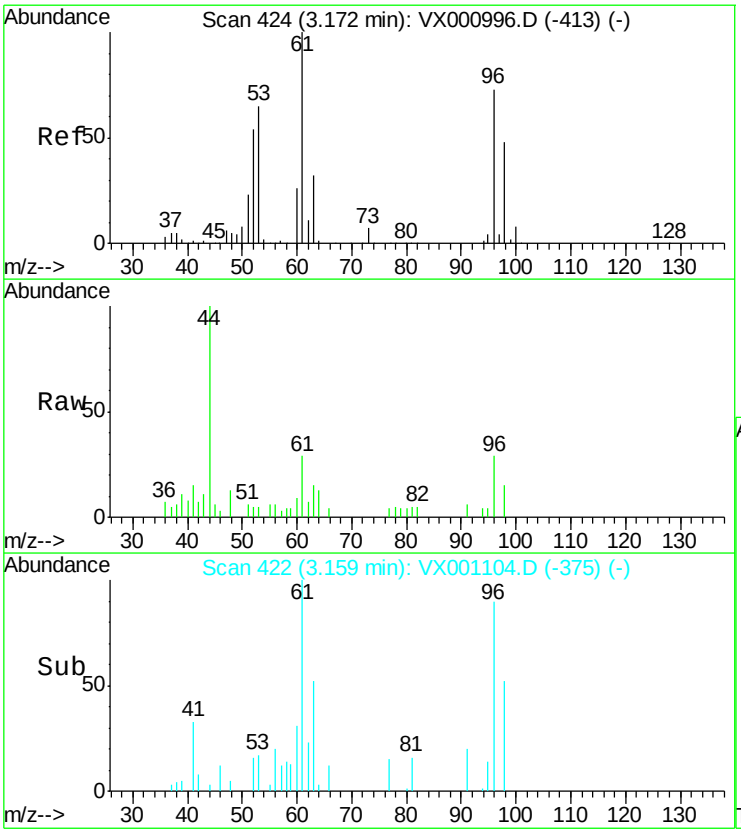
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 84 Resp: 1068

Ion	Ratio	Lower	Upper
84	100		
49	84.8	97.1	145.7#
51	45.7	30.8	46.2
86	63.7	52.3	78.5

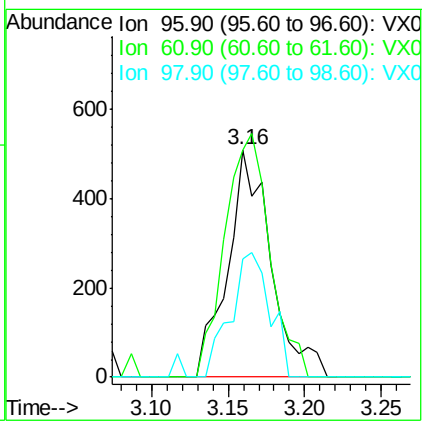


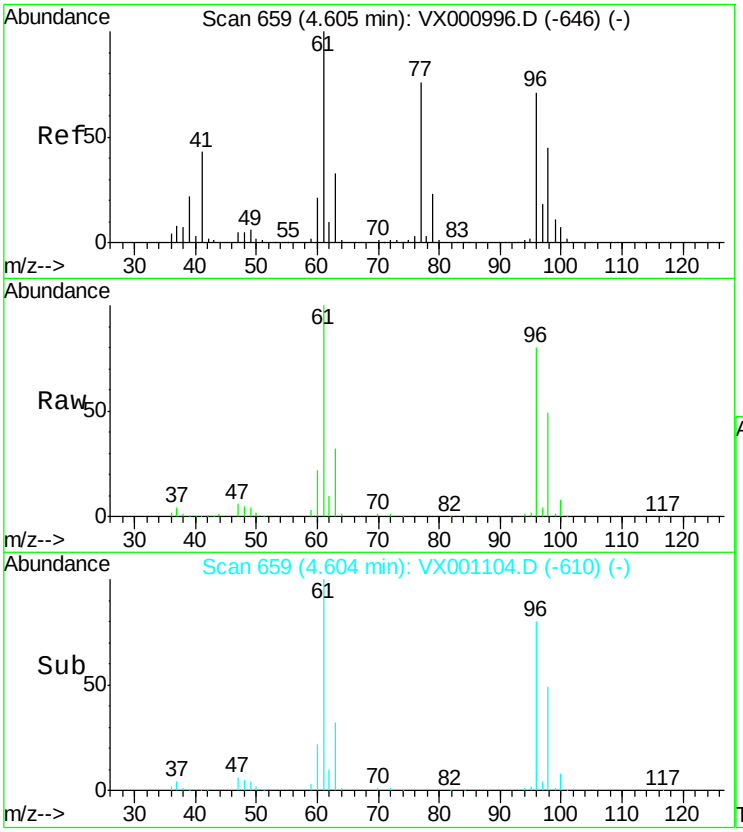


#21
trans-1,2-Dichloroethene
Concen: 0.42 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion: 96 Resp: 1003

Ion	Ratio	Lower	Upper
96	100		
61	100.2	109.4	164.2#
98	51.9	52.6	78.8#



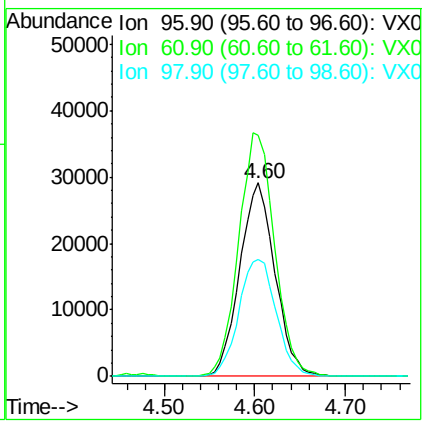


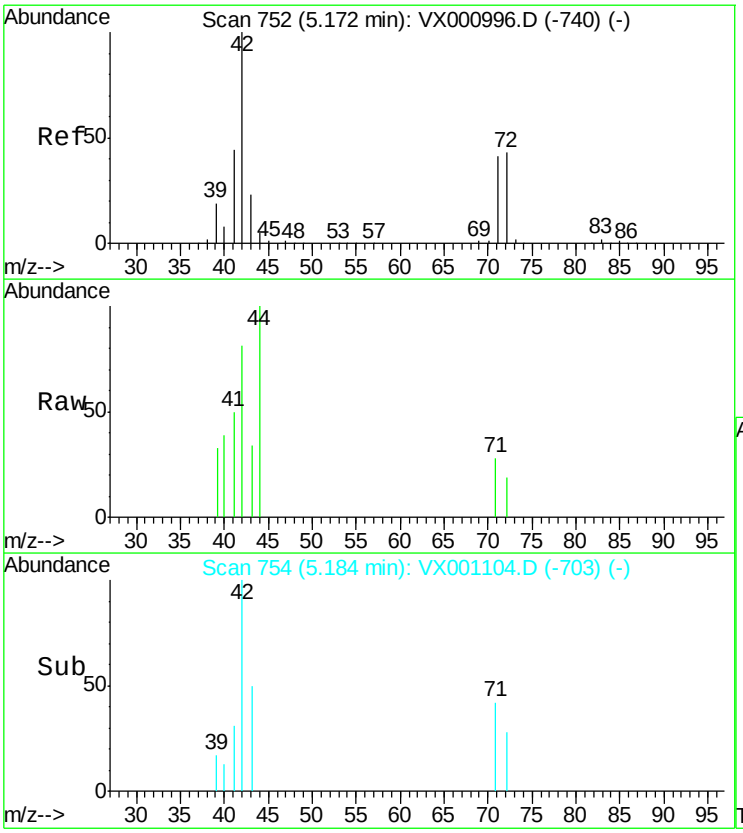
#27
cis-1,2-Dichloroethene
Concen: 29.74 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 96 Resp: 78558

Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	297.0
98	63.8	0.0	130.0

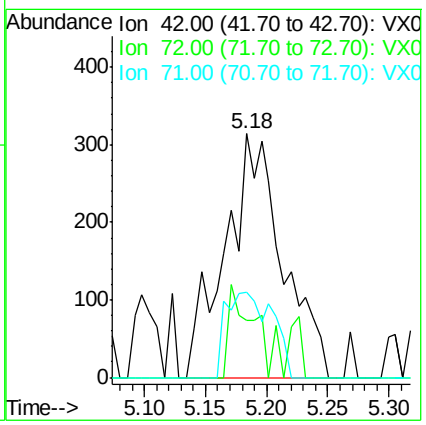


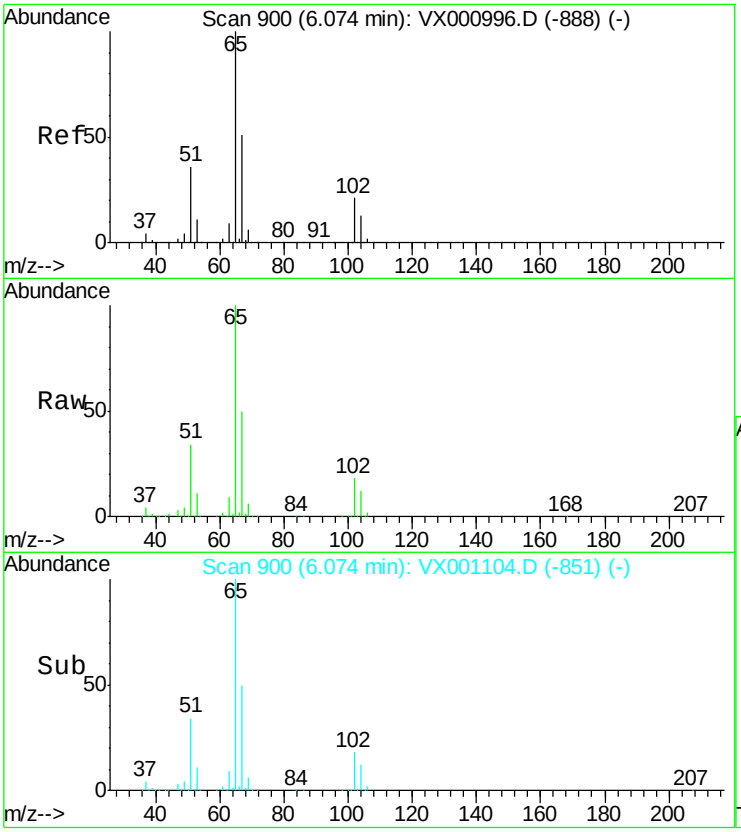


#29
Tetrahydrofuran
Concen: 1.00 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion: 42 Resp: 1028

Ion	Ratio	Lower	Upper
42	100		
72	15.2	34.6	52.0#
71	28.4	32.6	49.0#



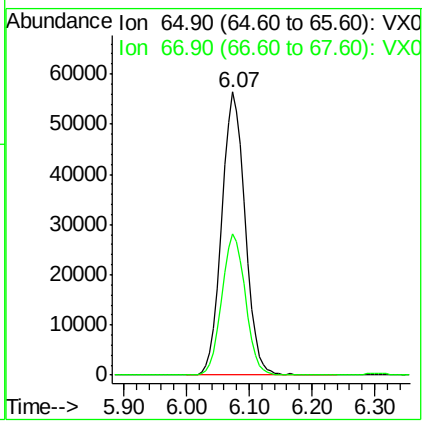


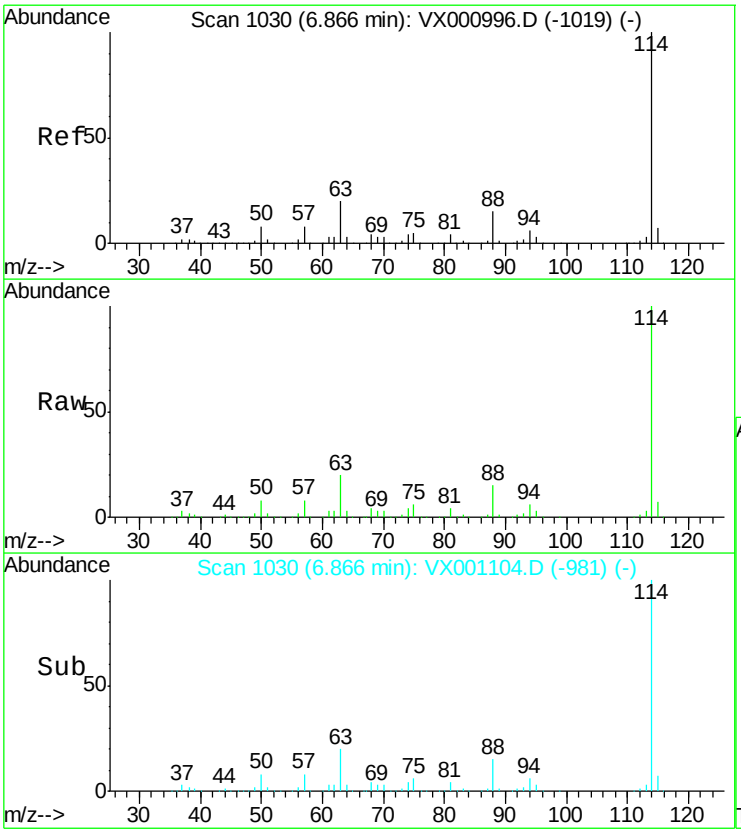
#33
1,2-Dichloroethane-d4
Concen: 52.56 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 65 Resp: 145656

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.6

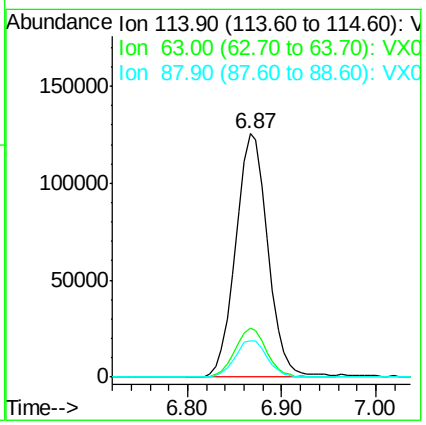


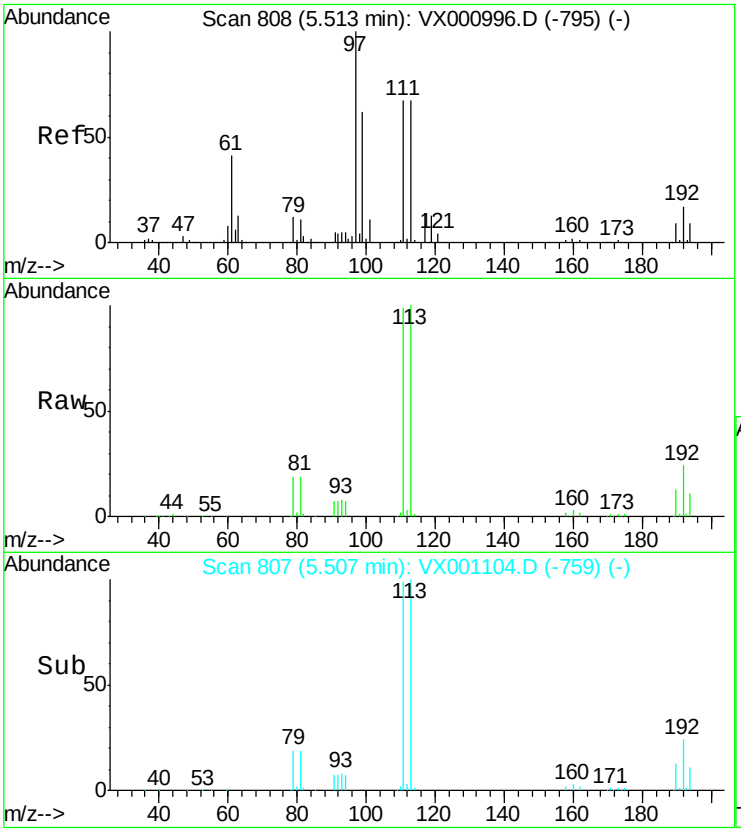


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion:114 Resp: 300543

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.4
88	14.8	0.0	29.8



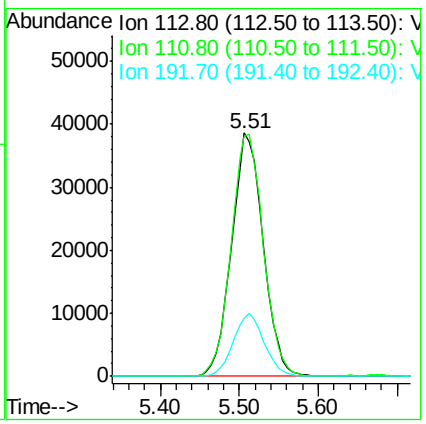


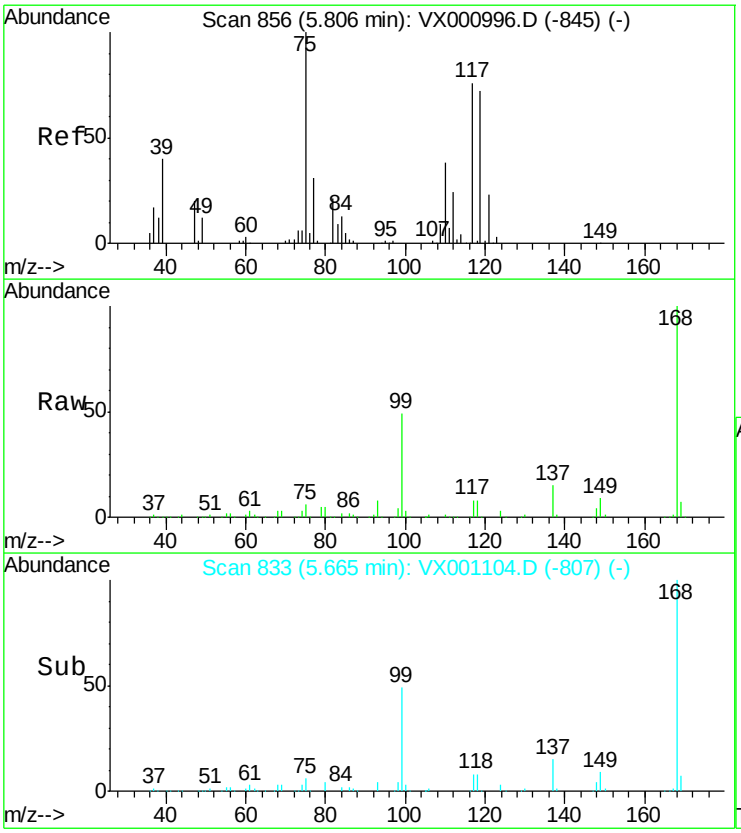
#35
Dibromofluoromethane
Concen: 47.02 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion:113 Resp: 107753

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.2
192	25.3	20.4	30.6

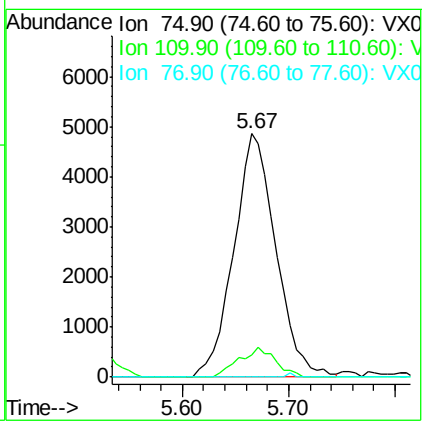


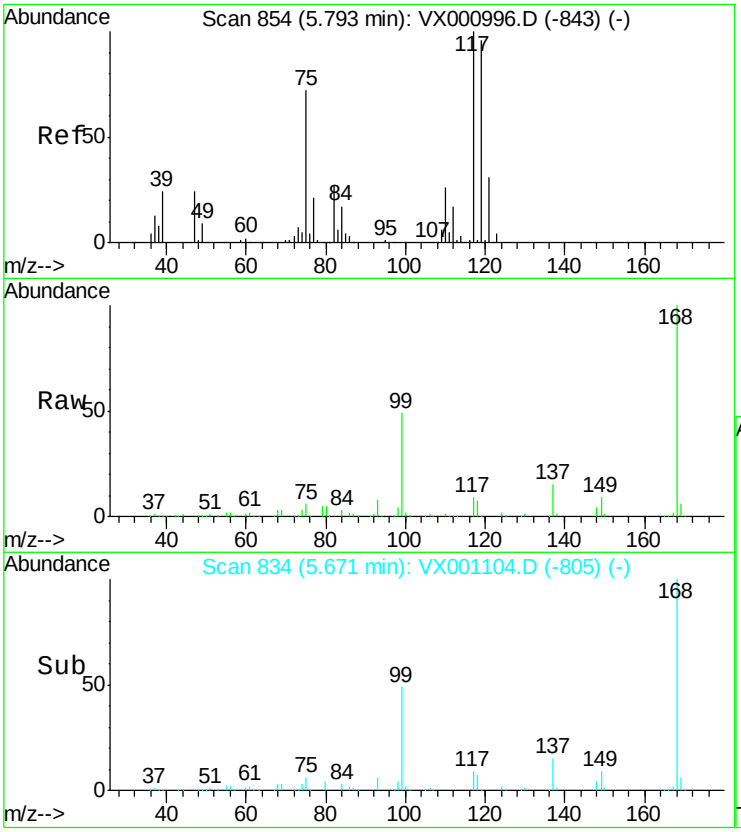


#36
1,1-Dichloropropene
Concen: 3.81 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion: 75 Resp: 13467

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.7	56.1#
77	0.0	25.0	37.4#



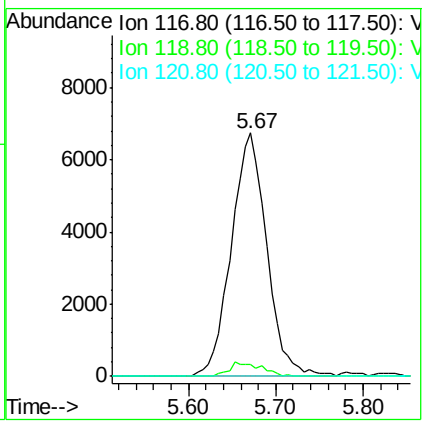


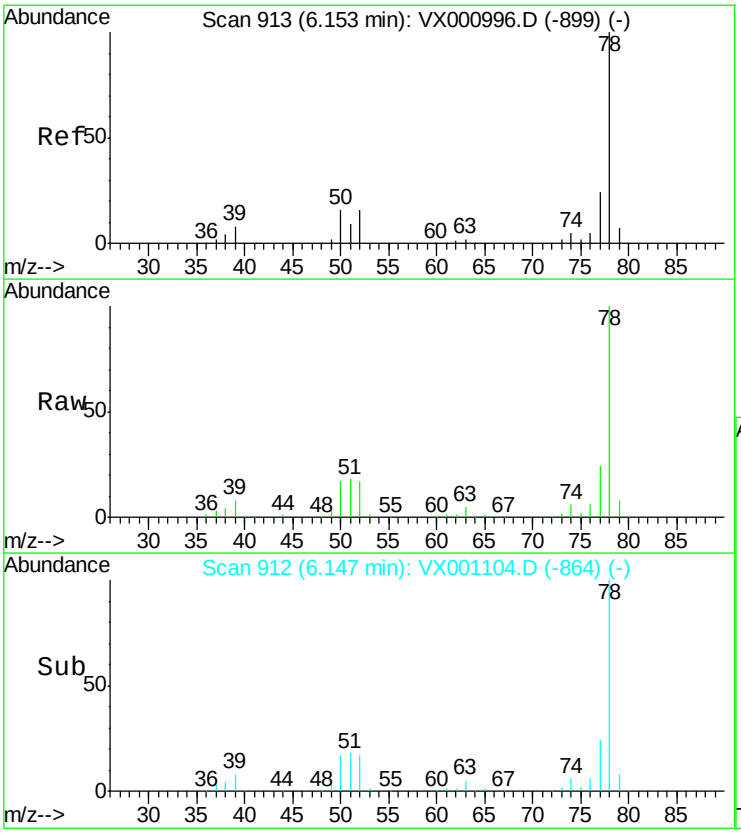
#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion:117 Resp: 18968

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.5	114.7#
121	0.0	24.5	36.7#

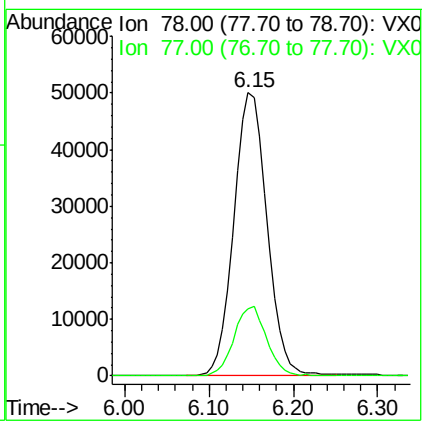


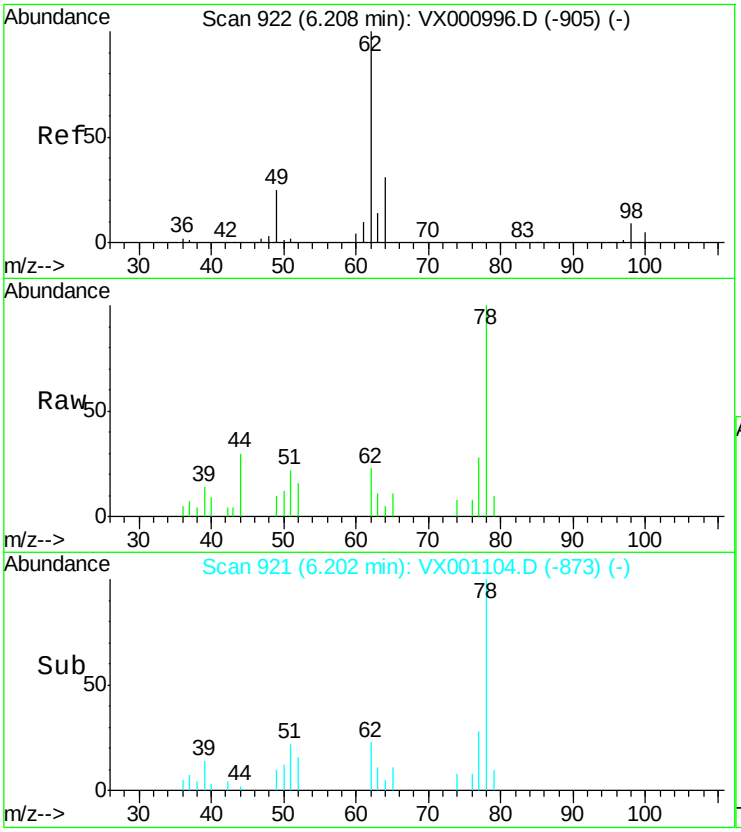


#40
Benzene
Concen: 13.62 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion: 78 Resp: 133756

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3



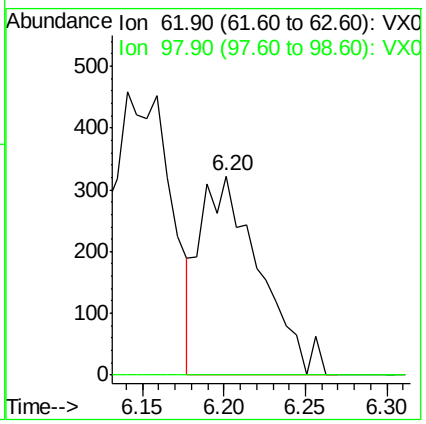


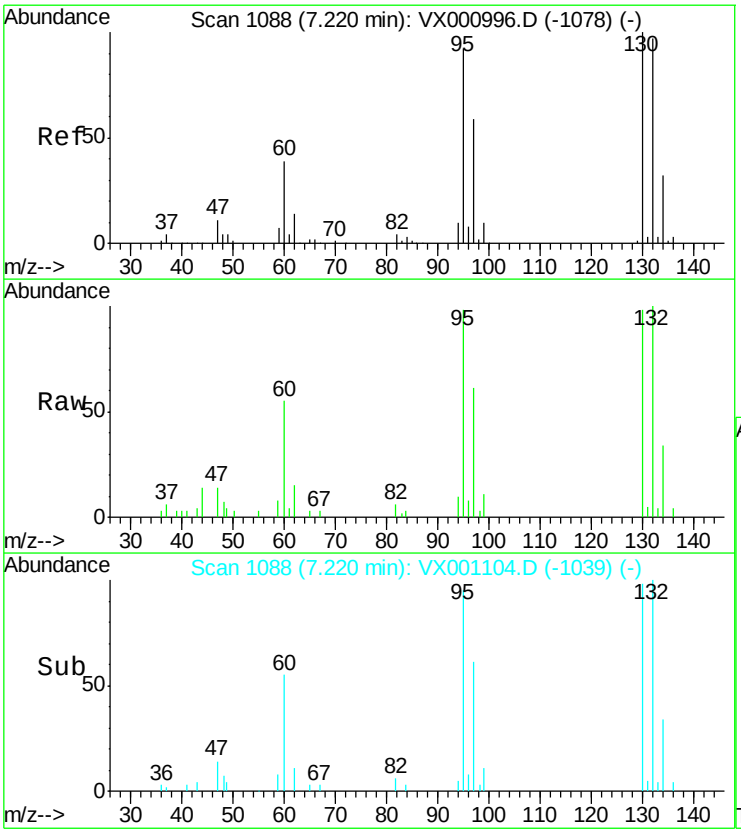
#42
1,2-Dichloroethane
Concen: 0.22 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 62 Resp: 813

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6

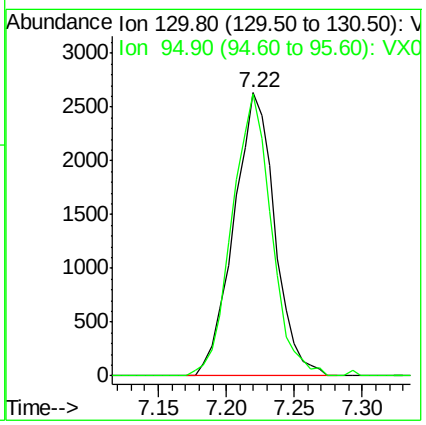


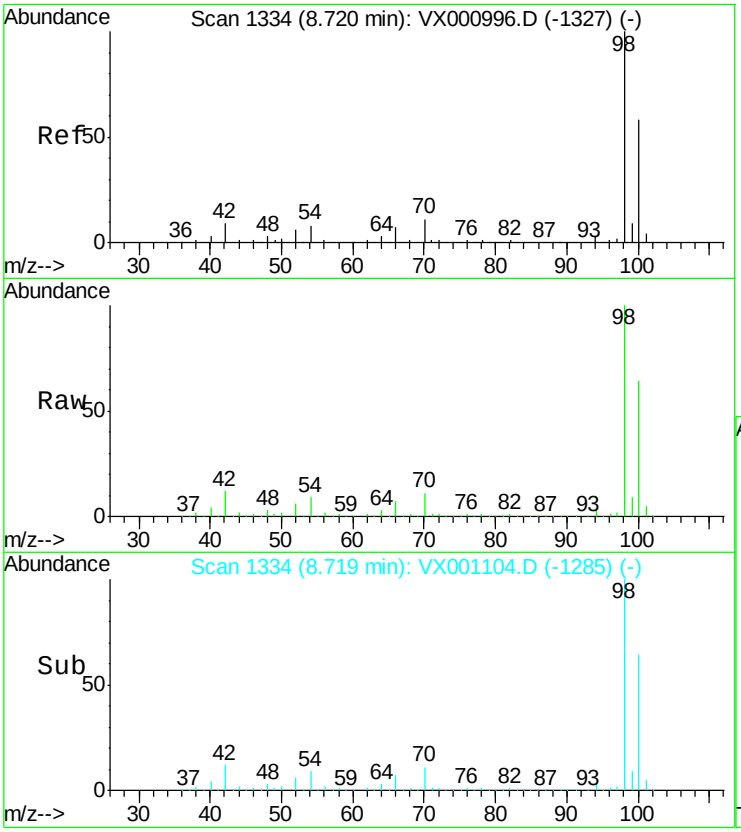


#44
Trichloroethene
Concen: 1.85 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion:130 Resp: 5547

Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	184.2



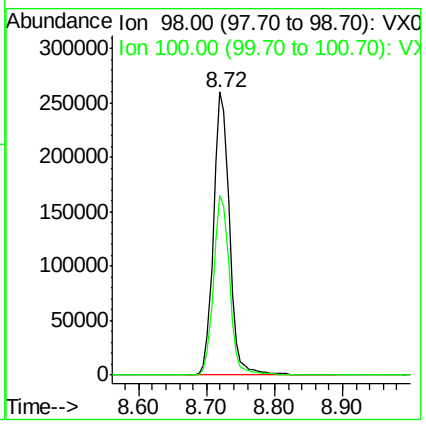


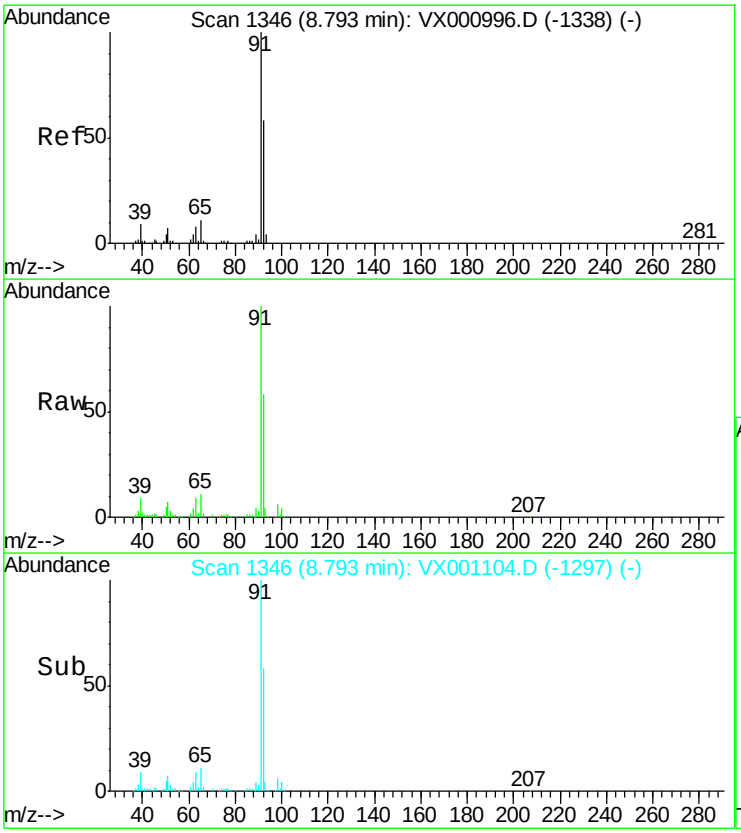
#50
Toluene-d8
Concen: 50.17 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 98 Resp: 425132

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.9	77.9

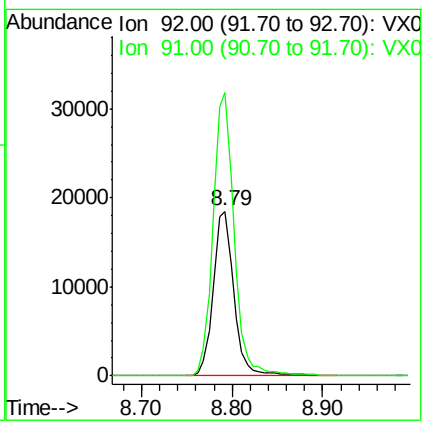


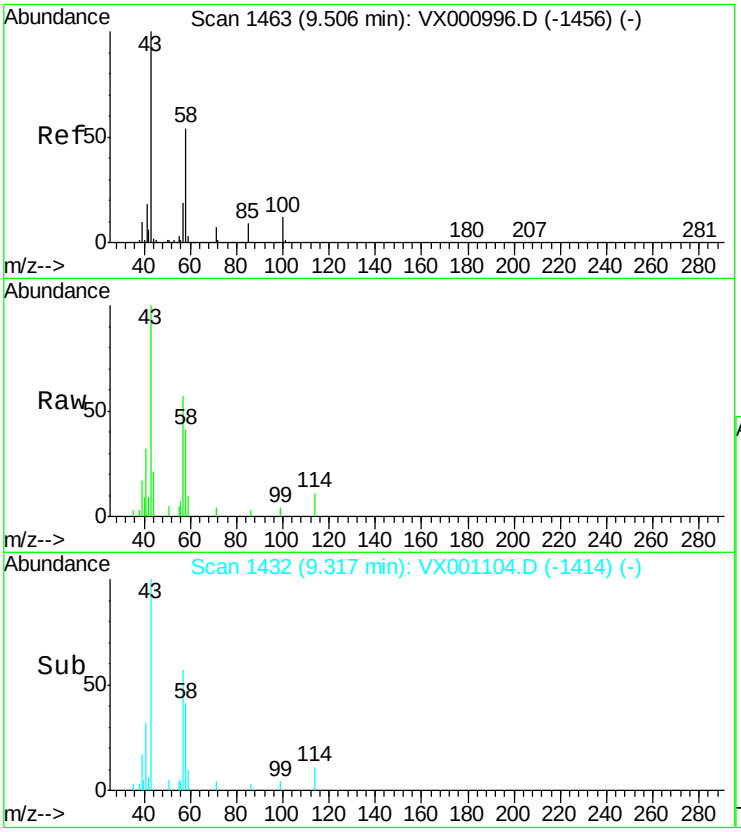


#52
Toluene
Concen: 4.64 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion: 92 Resp: 29728

Ion	Ratio	Lower	Upper
92	100		
91	174.4	138.2	207.4



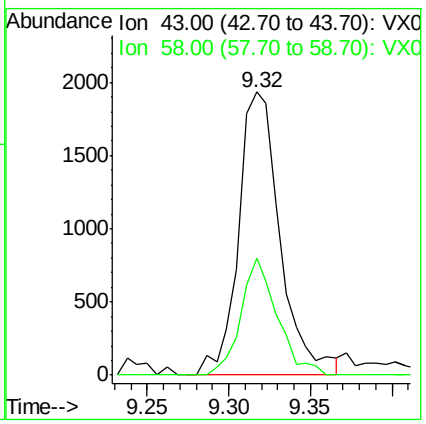


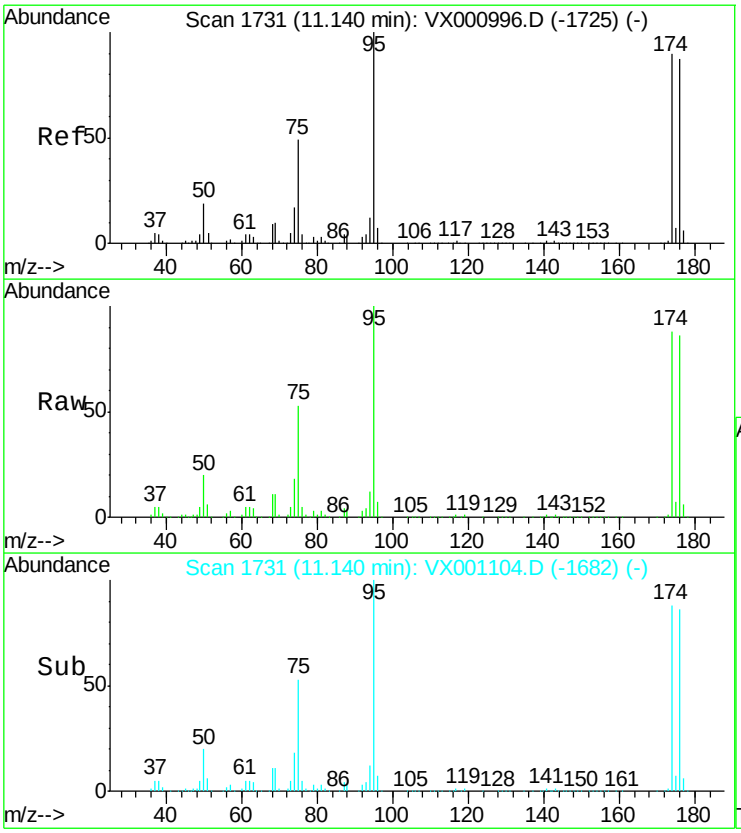
#59
2-Hexanone
Concen: 1.33 ug/l
RT: 9.32 min Scan# 1432
Delta R.T. -0.19 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 43 Resp: 3442

Ion	Ratio	Lower	Upper
43	100		
58	35.9	26.3	78.9

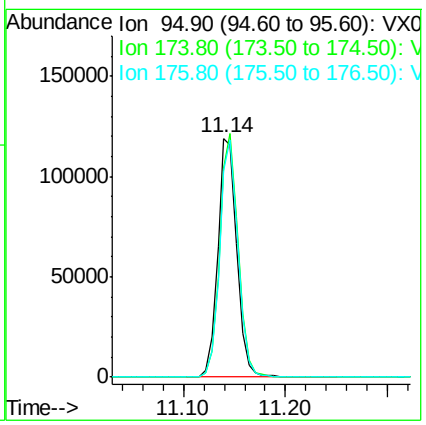


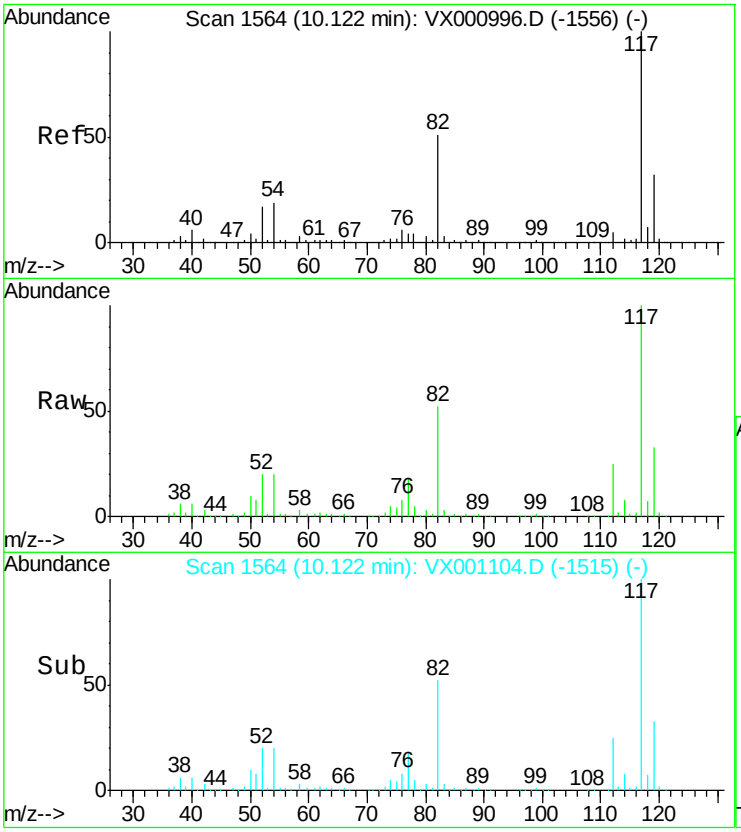


#62
4-Bromofluorobenzene
Concen: 43.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion: 95 Resp: 155571

Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	198.4
176	95.6	0.0	192.0



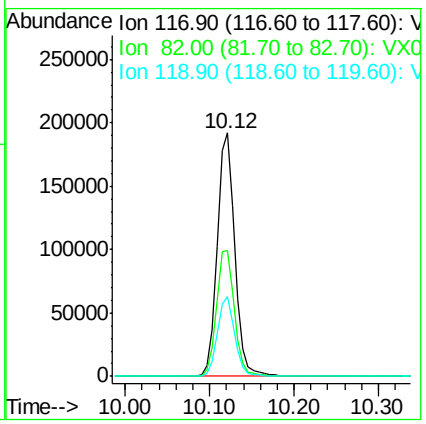


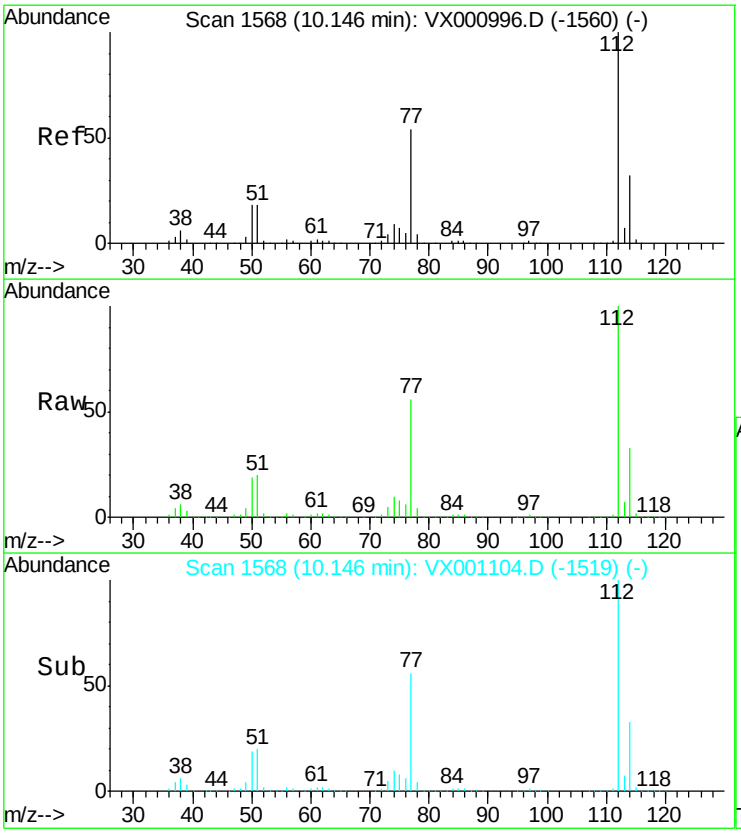
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion:117 Resp: 277231

Ion	Ratio	Lower	Upper
117	100		
82	51.7	40.6	60.8
119	32.7	26.0	39.0

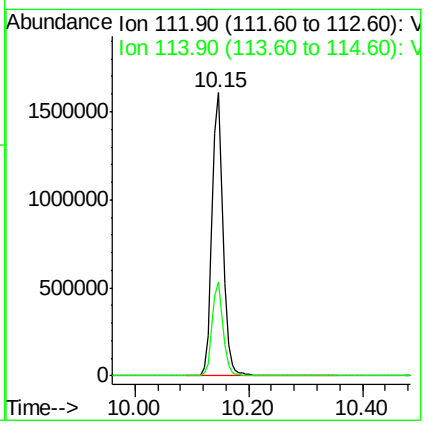


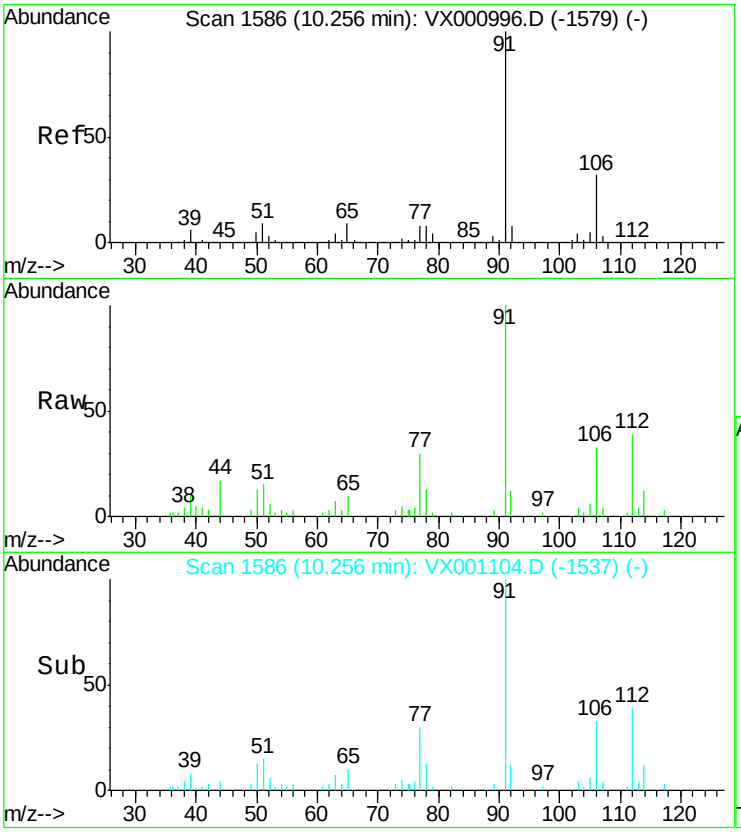


#65
Chlorobenzene
Concen: 299.46 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion:112 Resp: 2210602

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.5	38.3



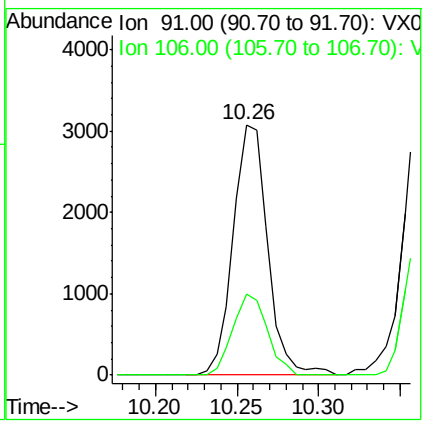


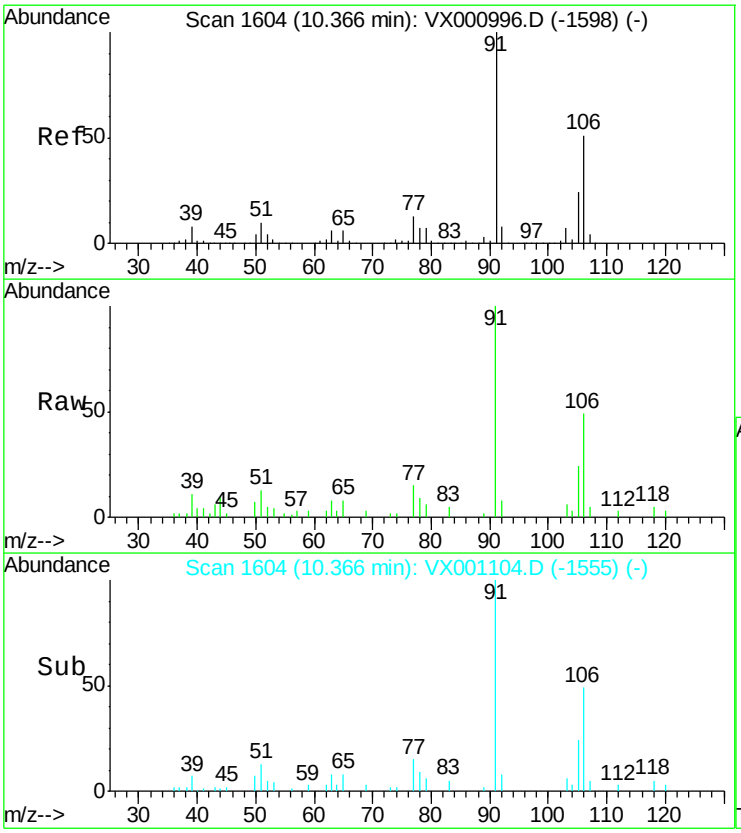
#67
Ethyl Benzene
Concen: 0.37 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 91 Resp: 4555

Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.7	38.5

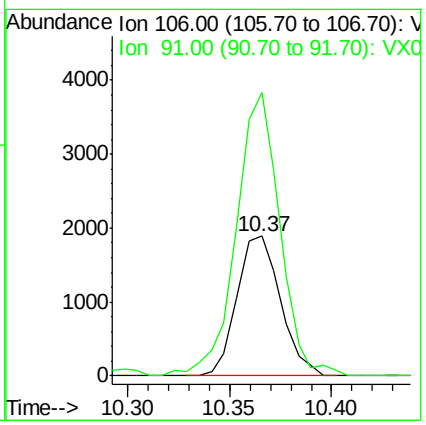


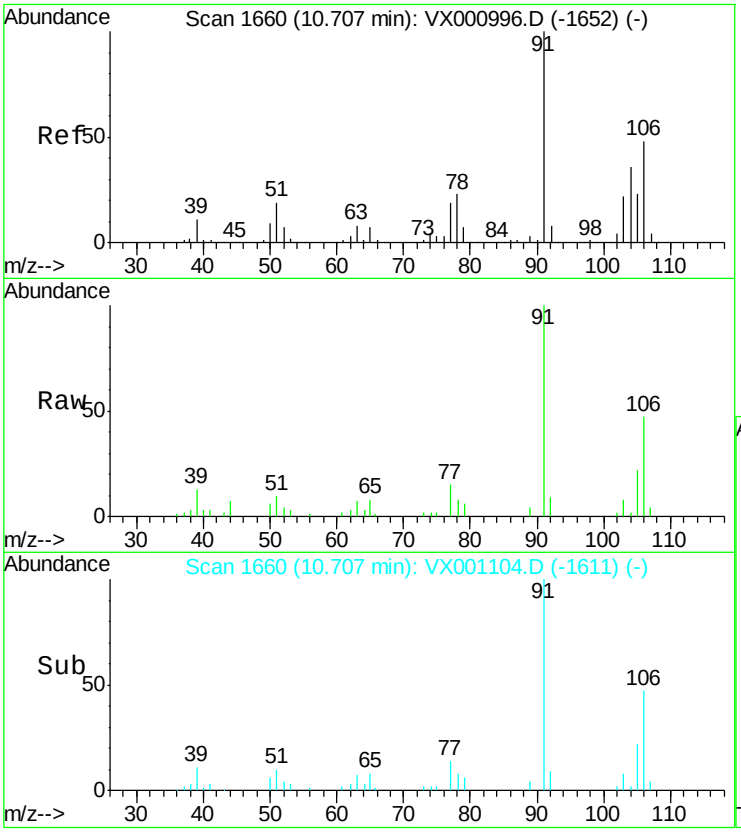


#68
m/p-Xylenes
Concen: 0.58 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion:106 Resp: 2805

Ion	Ratio	Lower	Upper
106	100		
91	203.1	159.3	238.9



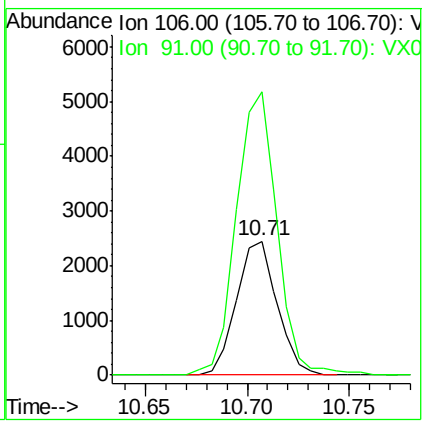


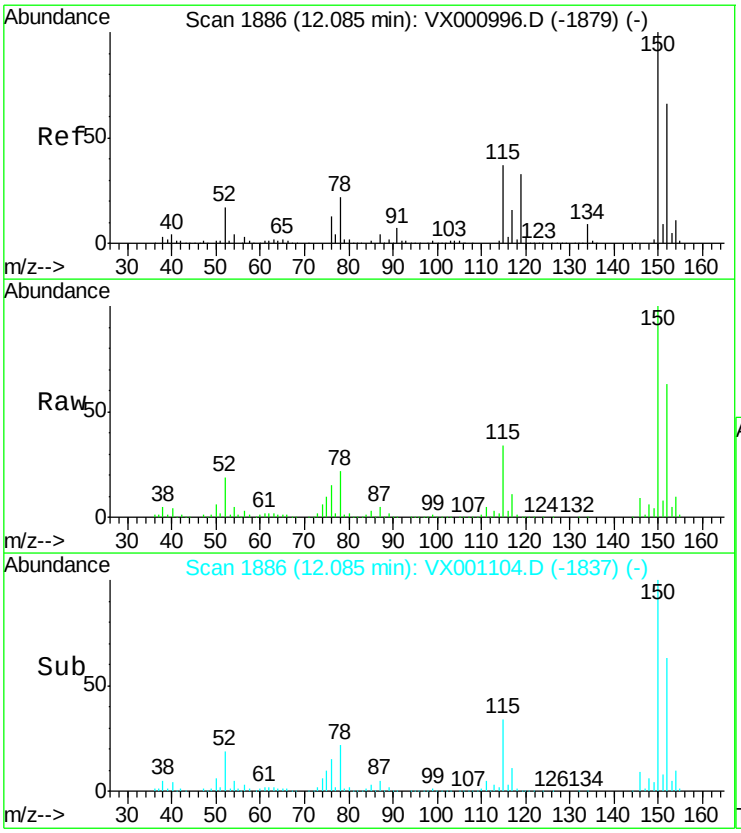
#69
o-Xylene
Concen: 0.72 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion:106 Resp: 3375

Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.1	315.1

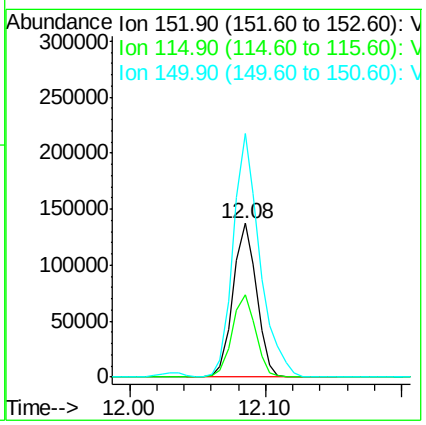


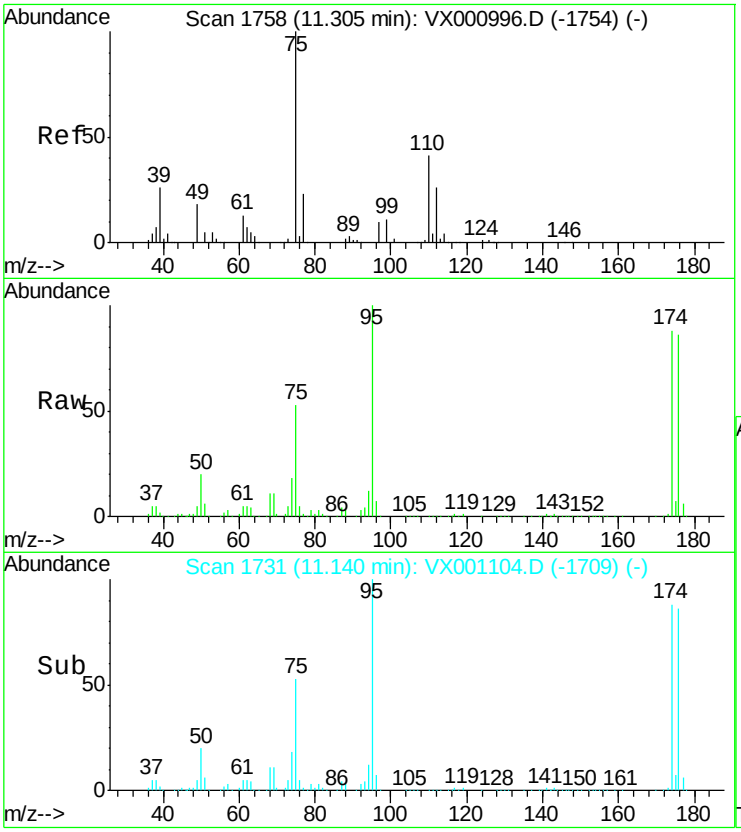


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion:152 Resp: 165605

Ion	Ratio	Lower	Upper
152	100		
115	53.2	38.2	114.6
150	178.3	0.0	350.4



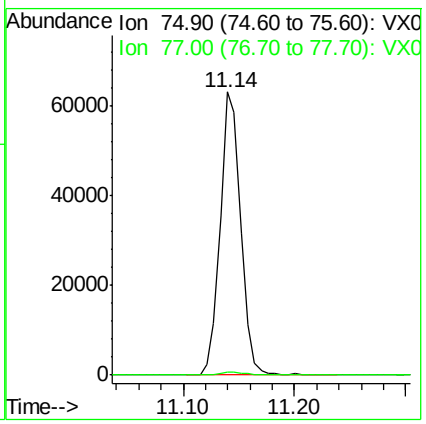


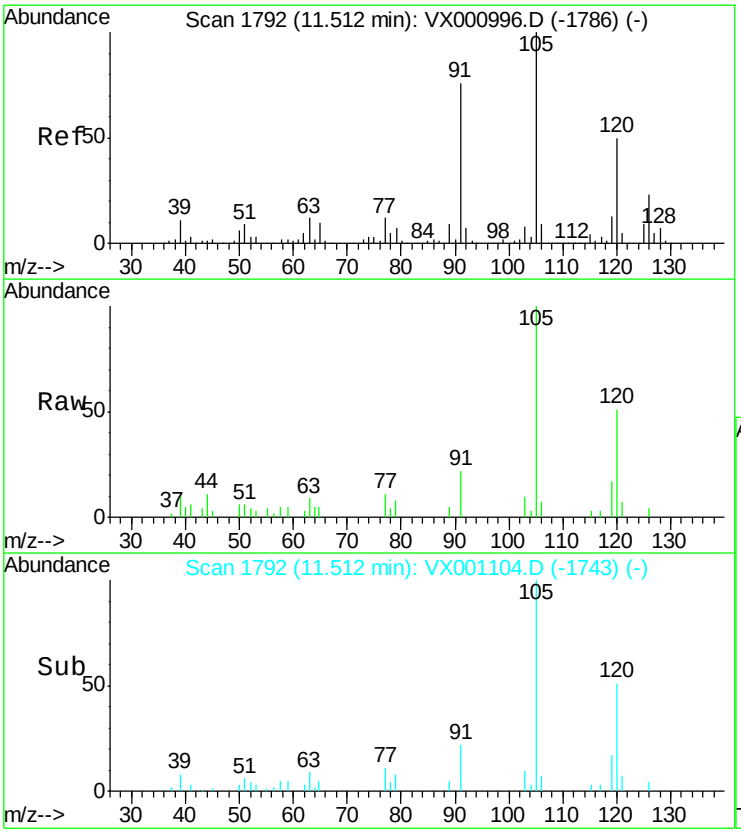
#76
1,2,3-Trichloropropane
Concen: 28.00 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 75 Resp: 80446

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.6	58.7#

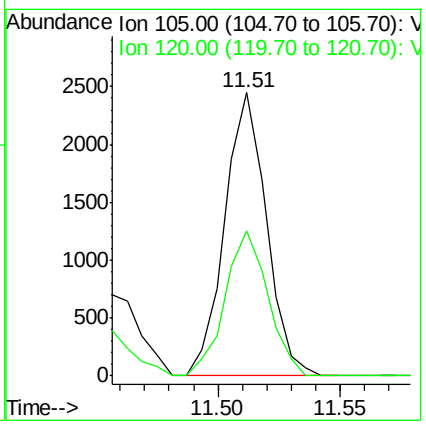


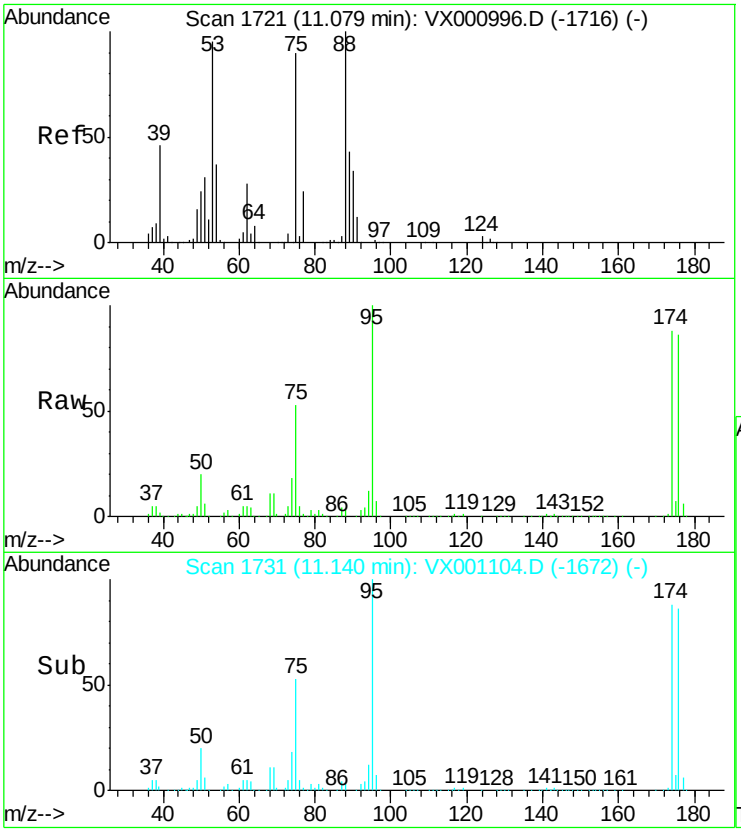


#80
1,3,5-Trimethylbenzene
Concen: 0.32 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion:105 Resp: 2899

Ion	Ratio	Lower	Upper
105	100		
120	52.6	25.0	75.0



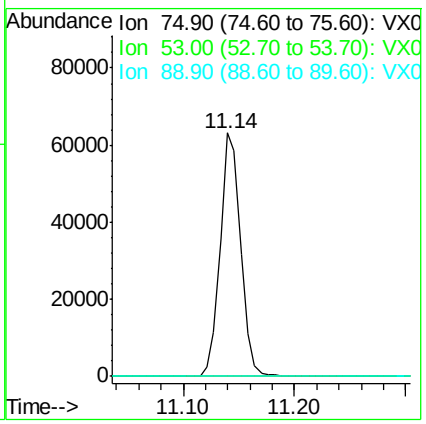


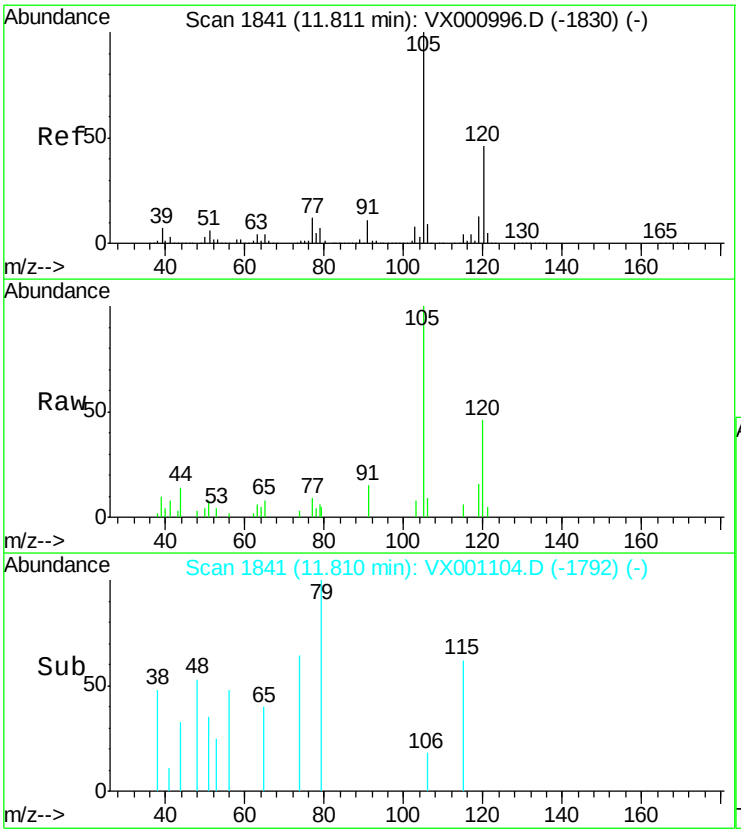
#81
trans-1,4-Dichloro-2-butene
Concen: 83.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion: 75 Resp: 80446

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.4	125.2#
89	0.0	39.7	59.5#

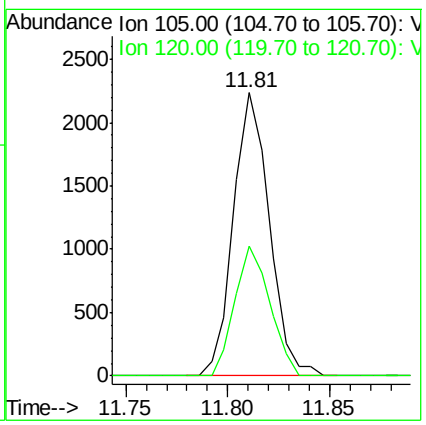


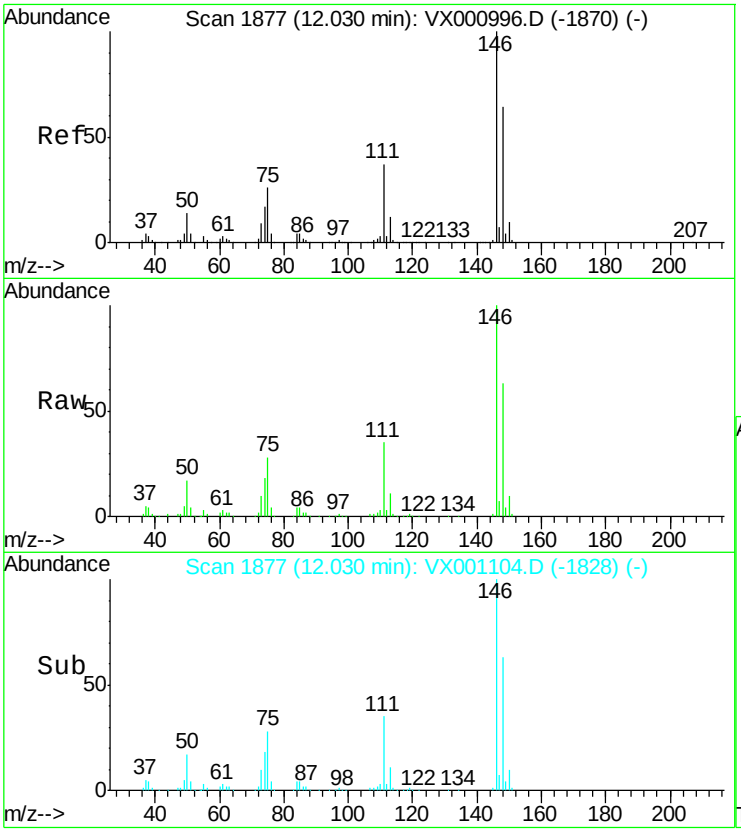


#84
1,2,4-Trimethylbenzene
Concen: 0.29 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion:105 Resp: 2733

Ion	Ratio	Lower	Upper
105	100		
120	44.6	23.0	69.0



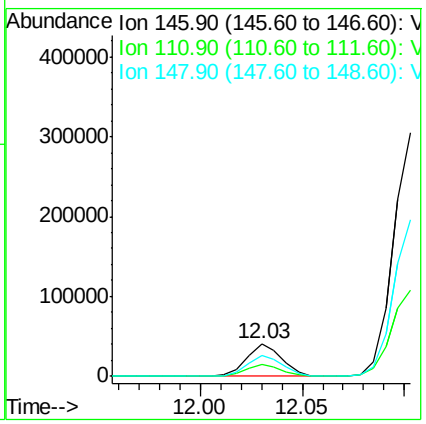


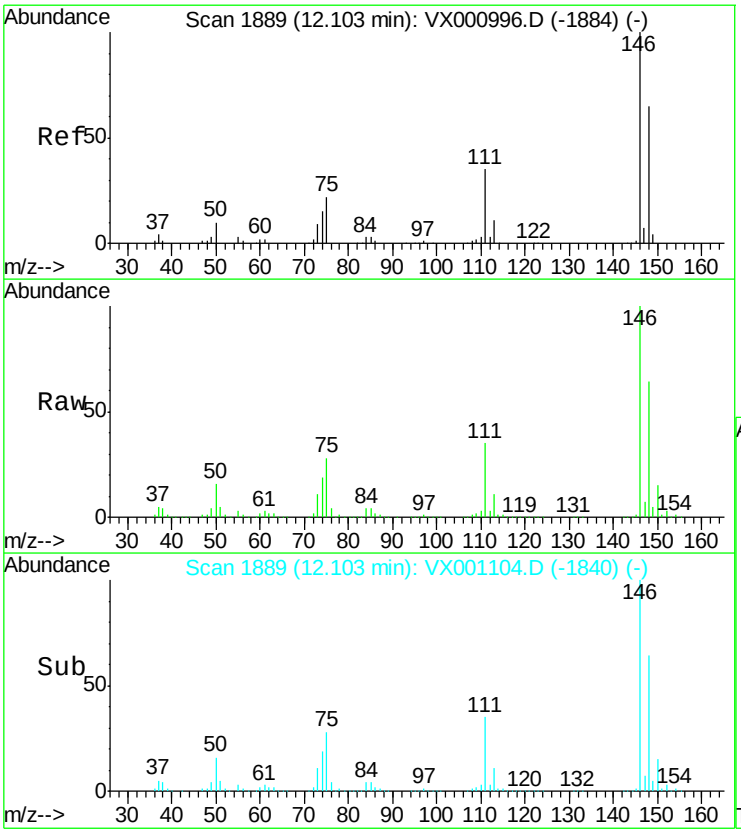
#87
1,3-Dichlorobenzene
Concen: 8.43 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion:146 Resp: 49610

Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.3	54.8
148	63.7	32.2	96.6

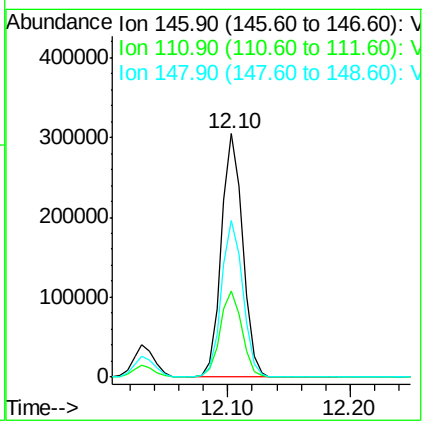


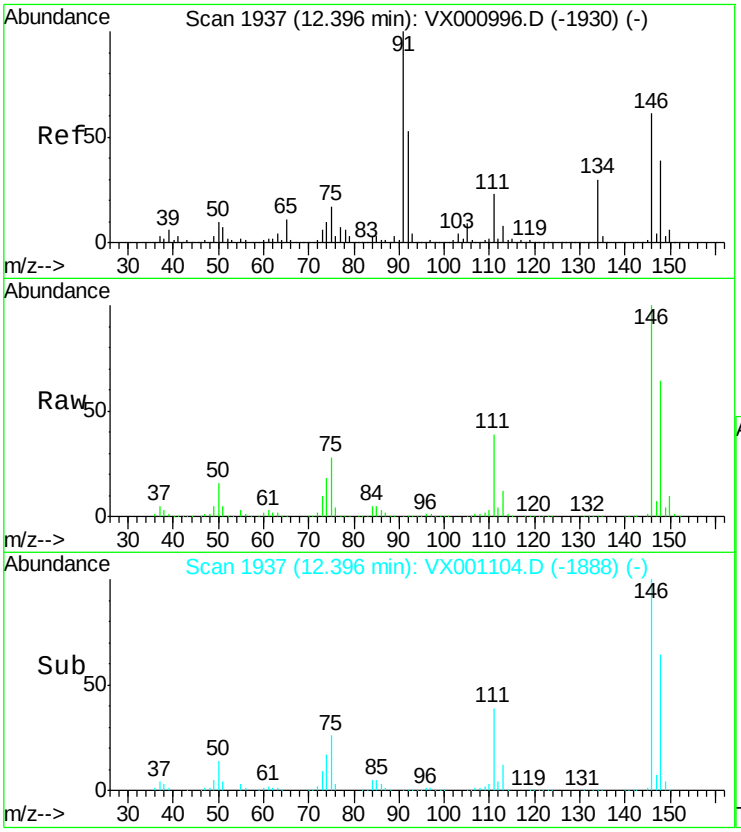


#88
1,4-Dichlorobenzene
Concen: 61.03 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion:146 Resp: 368559

Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.0	54.0
148	64.4	32.4	97.0



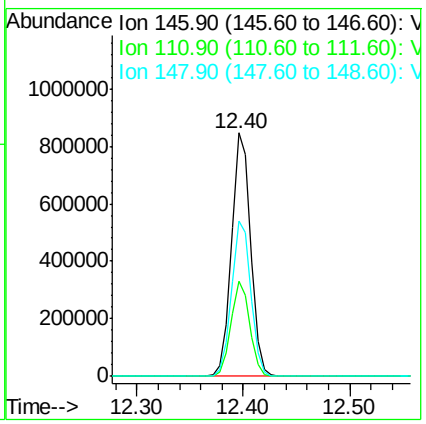


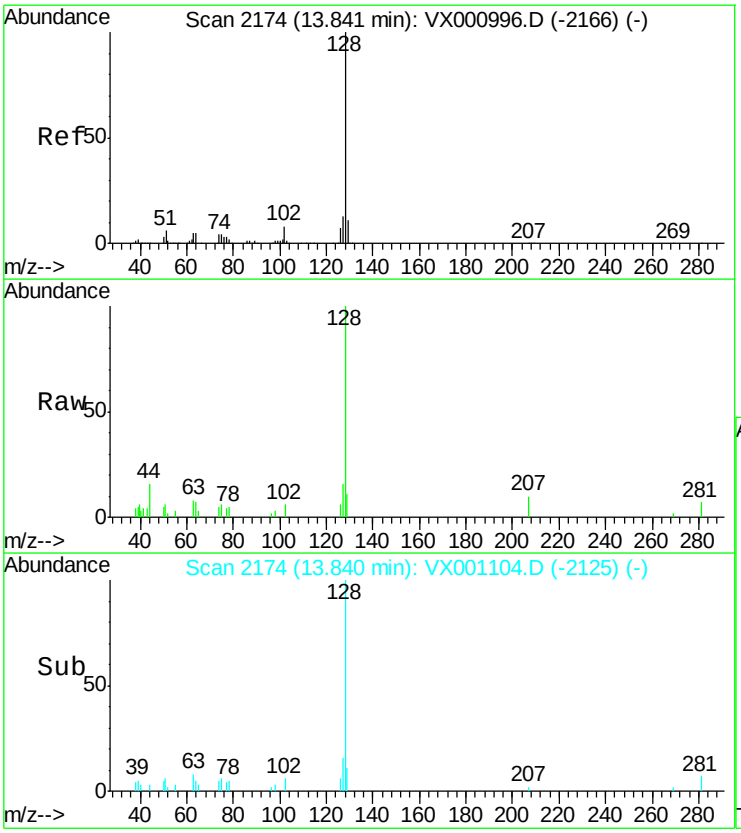
#91
1,2-Dichlorobenzene
Concen: 186.83 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Instrument :
MSVOA_X
ClientSampleId :
LF015MW045-180416

Tgt Ion:146 Resp: 1064099

Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	56.0
148	64.5	32.3	96.8





#95
Naphthalene
Concen: 0.23 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001104.D
Acq: 25 Apr 2018 03:51

Tgt Ion:128 Resp: 2694

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.4
129	11.4	8.7	13.1