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

Quantitation Report (Not Reviewed)

Data File : VX001101.D
Acq On : 25 Apr 2018 02:34
Operator : JC/MD
Sample : J2463-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF015MW001-180416

Quant Time: Apr 25 07:27:22 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	229651	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	324754	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	287907	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161281	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	169502	58.23	ug/l		0.00
Spiked Amount 50.000			Recovery =	116.46%			
35) Dibromofluoromethane	5.51	113	127546	51.51	ug/l		0.00
Spiked Amount 50.000			Recovery =	103.02%			
50) Toluene-d8	8.72	98	485443	53.01	ug/l		0.00
Spiked Amount 50.000			Recovery =	106.02%			
62) 4-Bromofluorobenzene	11.14	95	169932	44.22	ug/l		0.00
Spiked Amount 50.000			Recovery =	88.44%			
Target Compounds							Qvalue
3) Chloromethane	1.32	50	574	0.22	ug/l	#	79
4) Vinyl Chloride	1.40	62	903	0.33	ug/l		96
5) Bromomethane	1.65	94	340	Below Cal		#	2
10) Methyl Iodide	2.51	142	56	7.62	ug/l	#	41
11) Tert butyl alcohol	3.07	59	564	1.28	ug/l		95
13) Acrolein	2.29	56	22	11.09	ug/l	#	1
16) Acetone	2.45	43	2344	2.14	ug/l		92
20) Methylene Chloride	2.87	84	398	Below Cal		#	53
21) trans-1,2-Dichloroethene	3.17	96	1008	0.40	ug/l		89
25) 2-Butanone	4.71	43	518	0.30	ug/l	#	50
27) cis-1,2-Dichloroethene	4.61	96	51198	18.45	ug/l		89
31) Cyclohexane	5.67	56	4272	1.04	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	14720	3.86	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	20084	5.20	ug/l	#	16
65) Chlorobenzene	10.15	112	148385	19.36	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	86931	31.07	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	86931	92.39	ug/l	#	8
87) 1,3-Dichlorobenzene	12.03	146	6549	1.14	ug/l		98
88) 1,4-Dichlorobenzene	12.10	146	64298	10.93	ug/l		98
91) 1,2-Dichlorobenzene	12.40	146	17771	3.20	ug/l		97

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

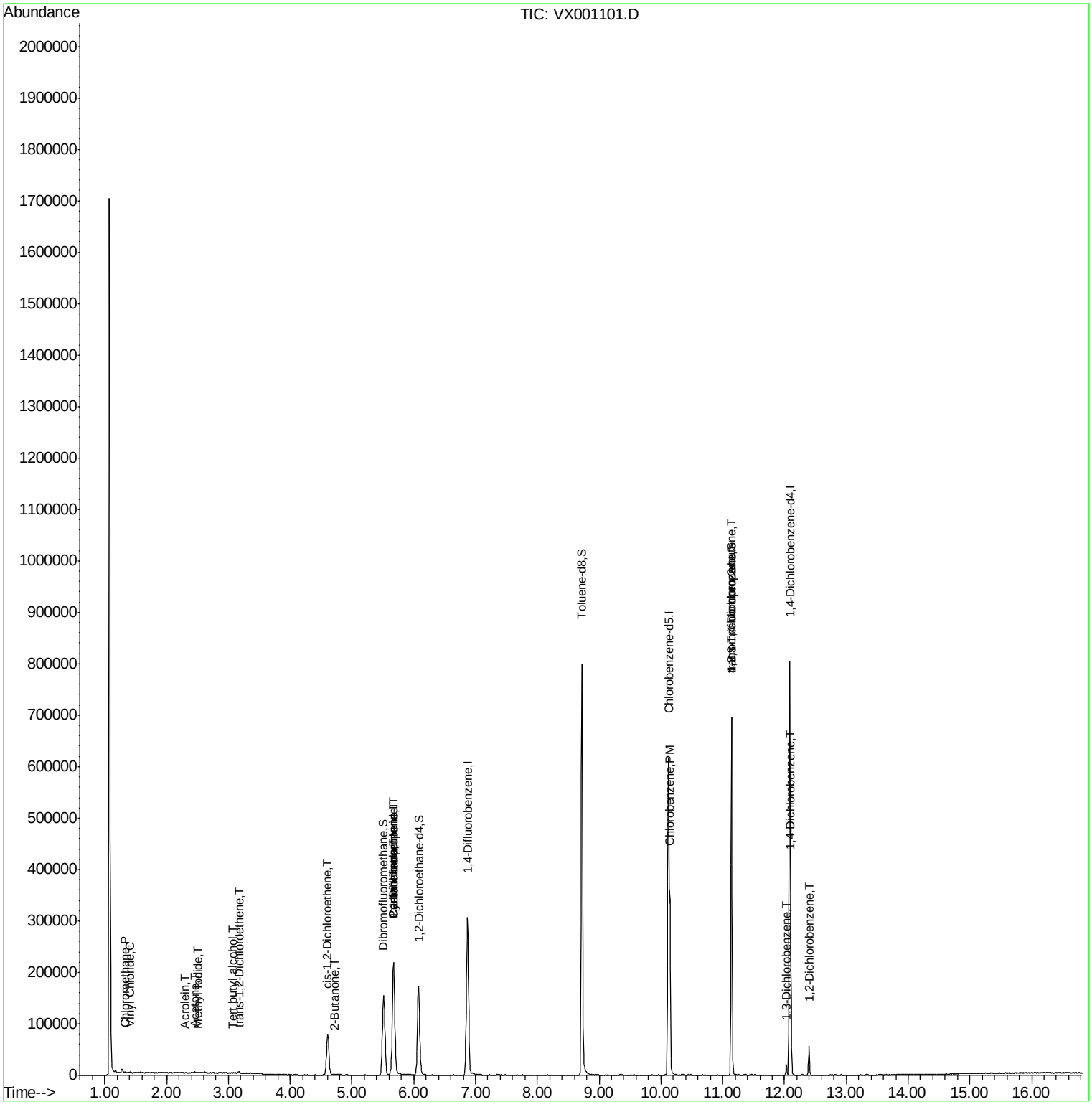
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\

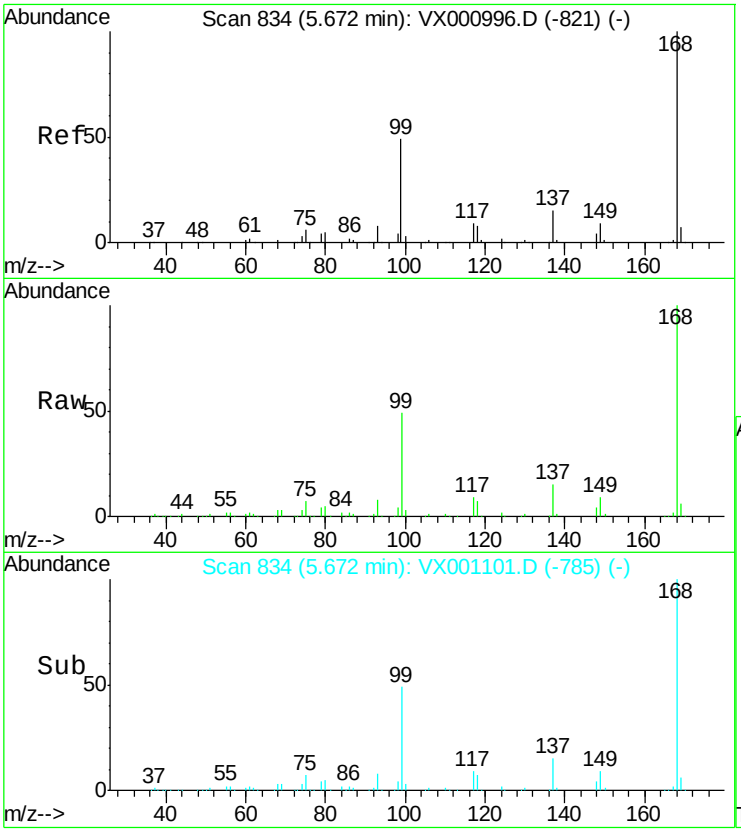
Quantitation Report (Not Reviewed)

Data File : VX001101.D
Acq On : 25 Apr 2018 02:34
Operator : JC/MD
Sample : J2463-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Quant Time: Apr 25 07:27:22 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



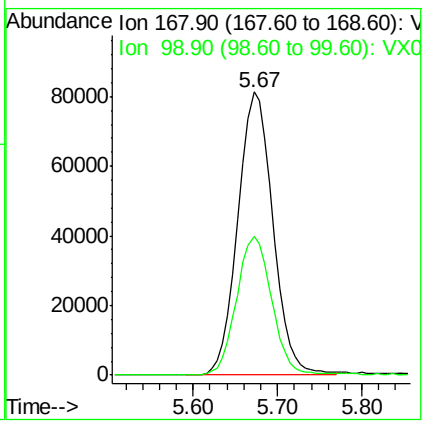


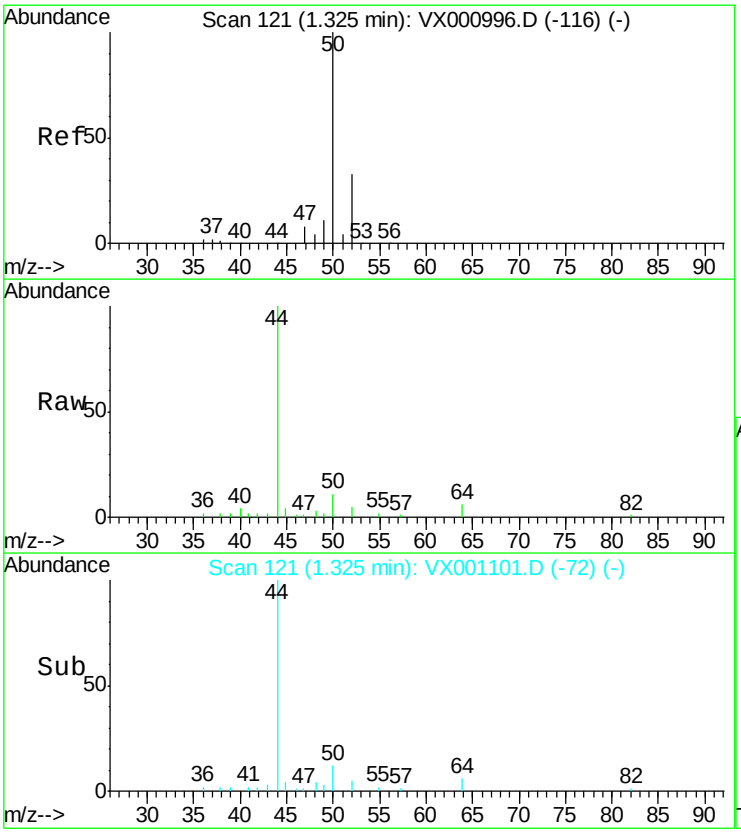
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion:168 Resp: 229651

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.2	58.8

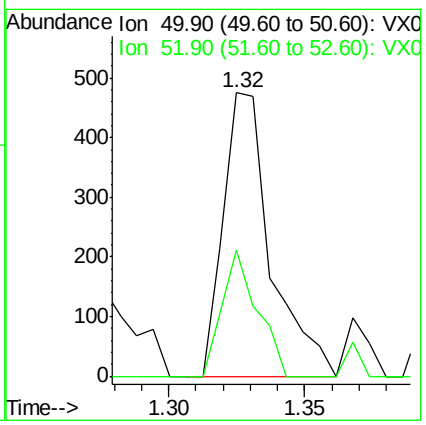


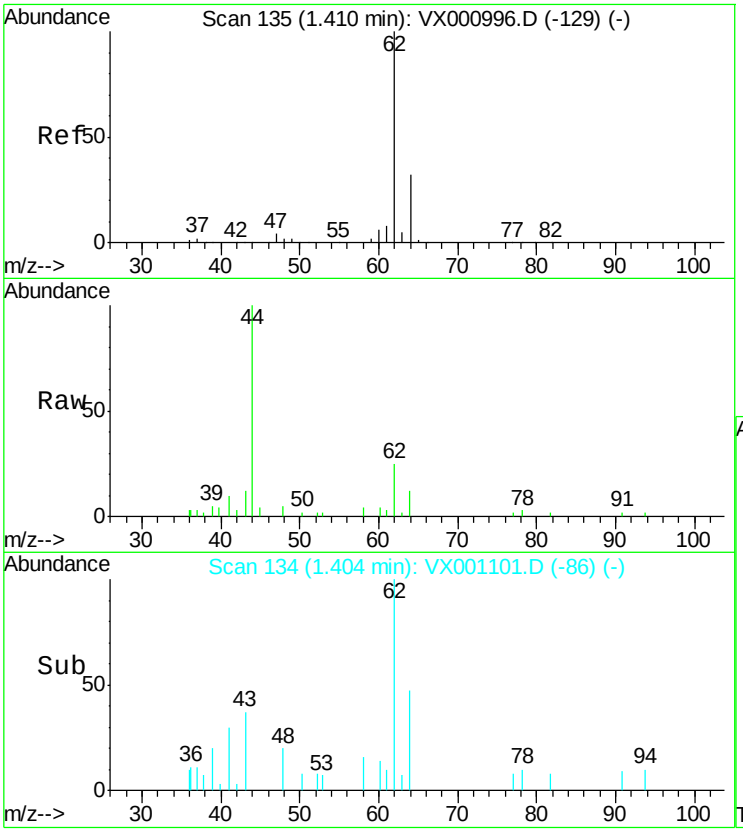


#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion: 50 Resp: 574

Ion	Ratio	Lower	Upper
50	100		
52	44.6	26.3	39.5#



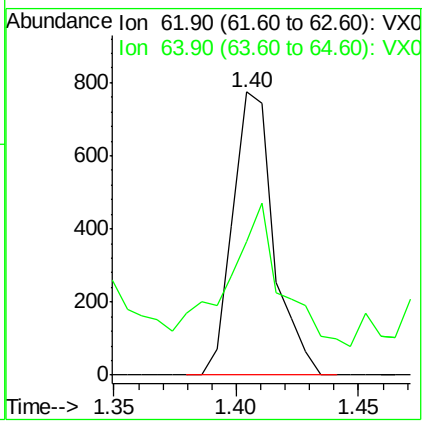


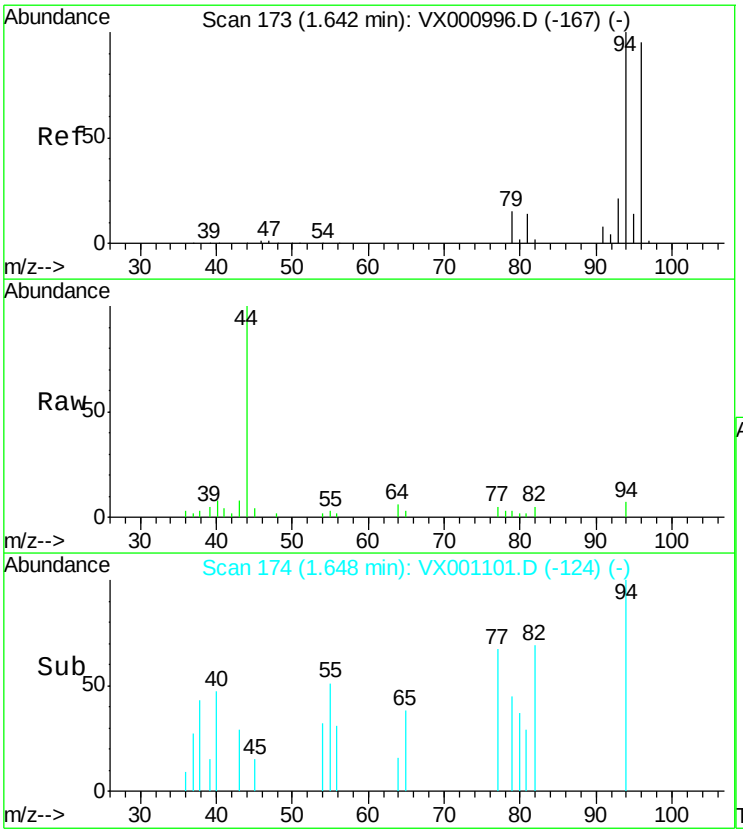
#4
Vinyl Chloride
Concen: 0.33 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion: 62 Resp: 903

Ion	Ratio	Lower	Upper
62	100		
64	34.4	25.6	38.4

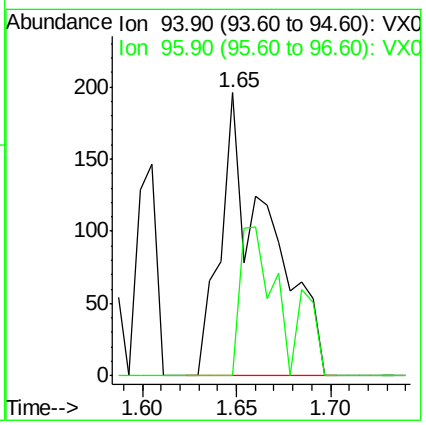


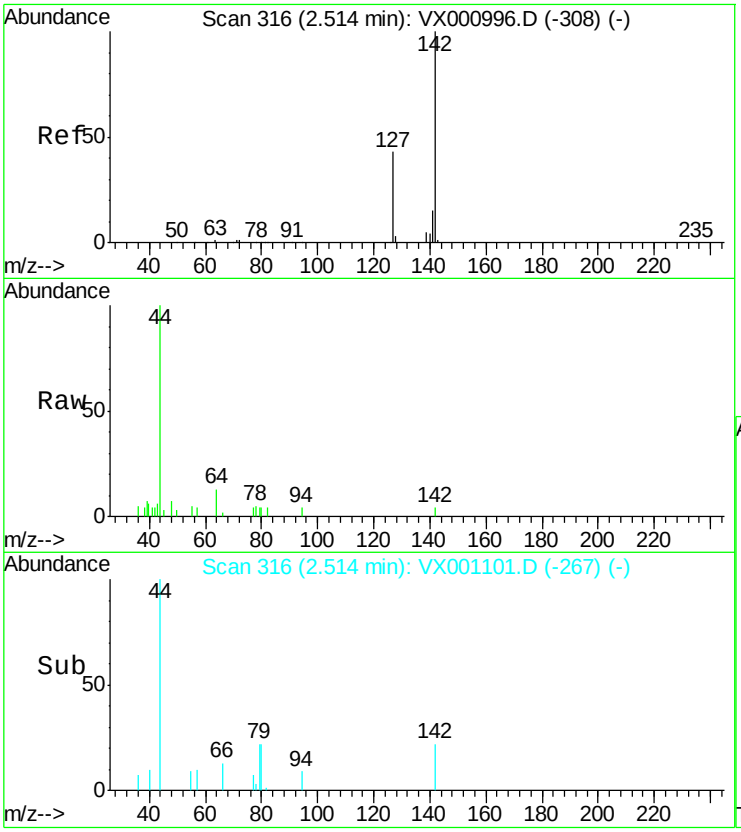


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion: 94 Resp: 340

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.0	114.0#



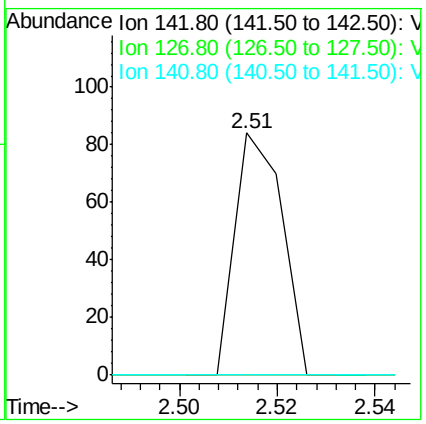


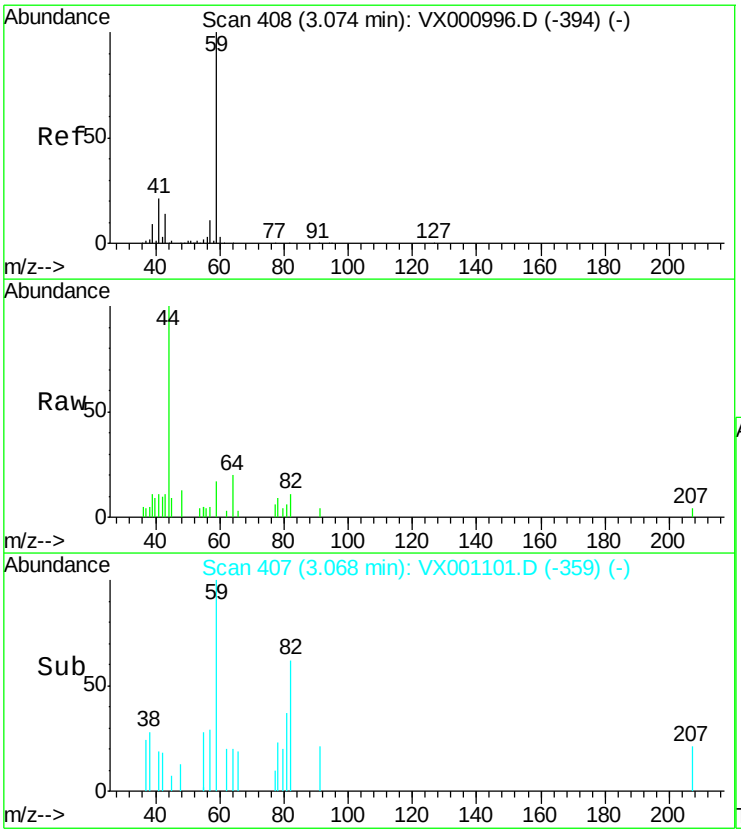
#10
Methyl Iodide
Concen: 7.62 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion:142 Resp: 56

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

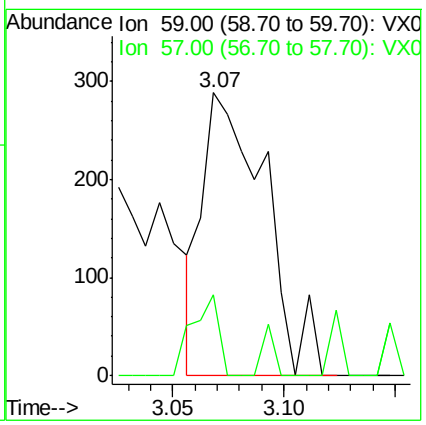


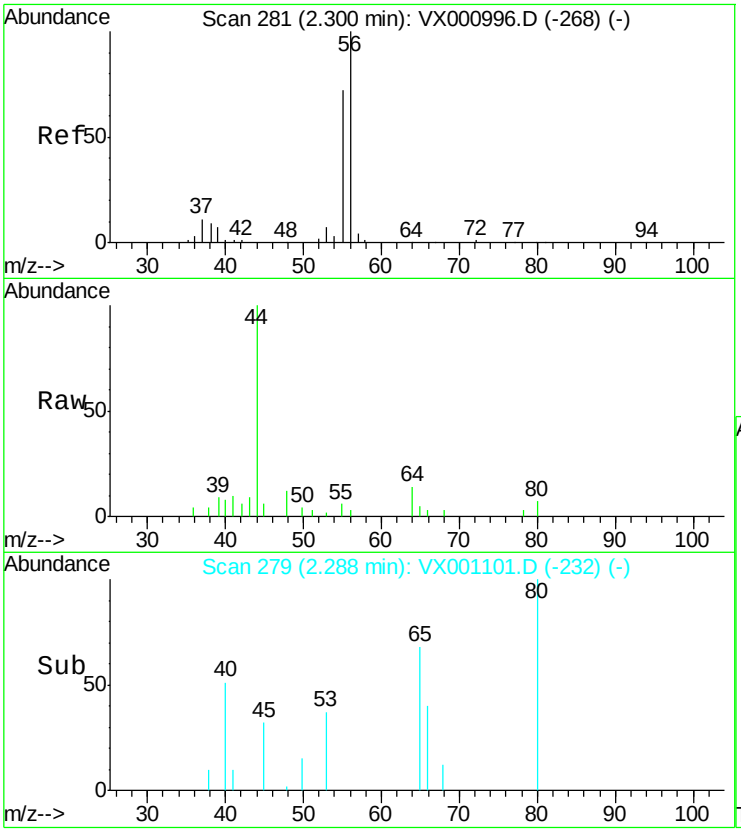


#11
Tert butyl alcohol
Concen: 1.28 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion: 59 Resp: 564

Ion	Ratio	Lower	Upper
59	100		
57	12.4	8.3	12.5



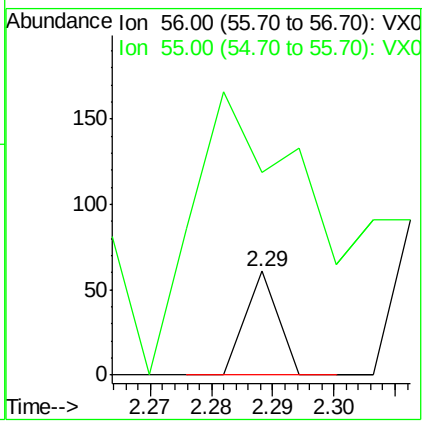


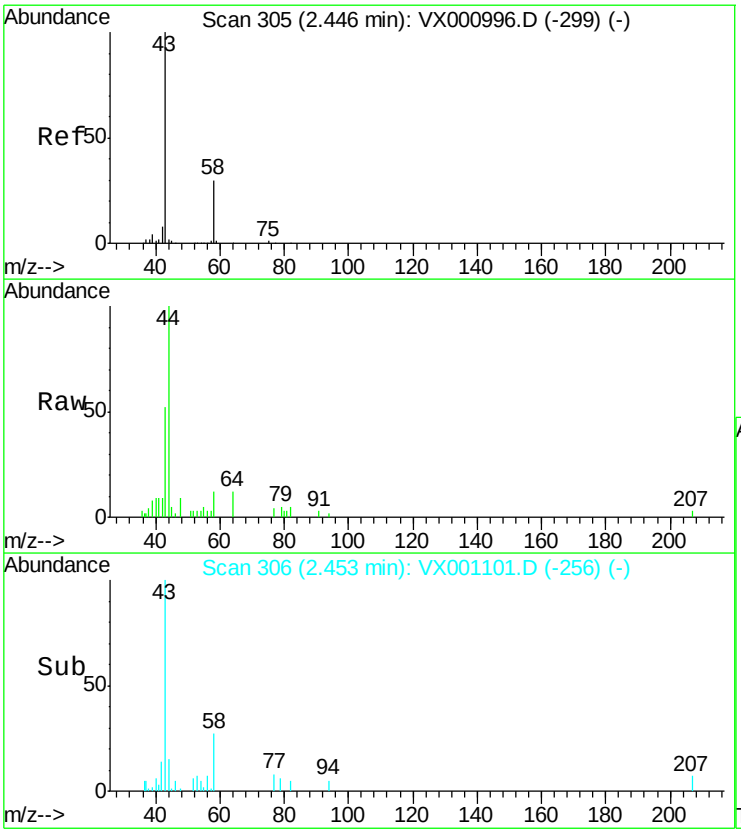
#13
Acrolein
Concen: 11.09 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion: 56 Resp: 22

Ion	Ratio	Lower	Upper
56	100		
55	945.5	57.4	86.2#

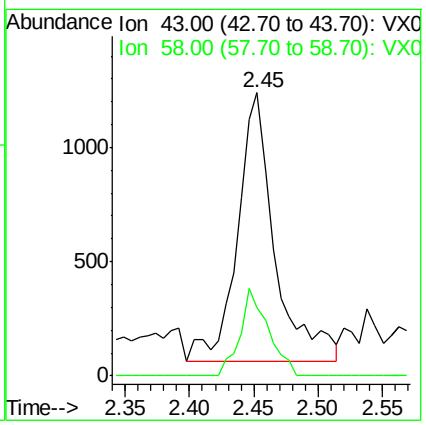


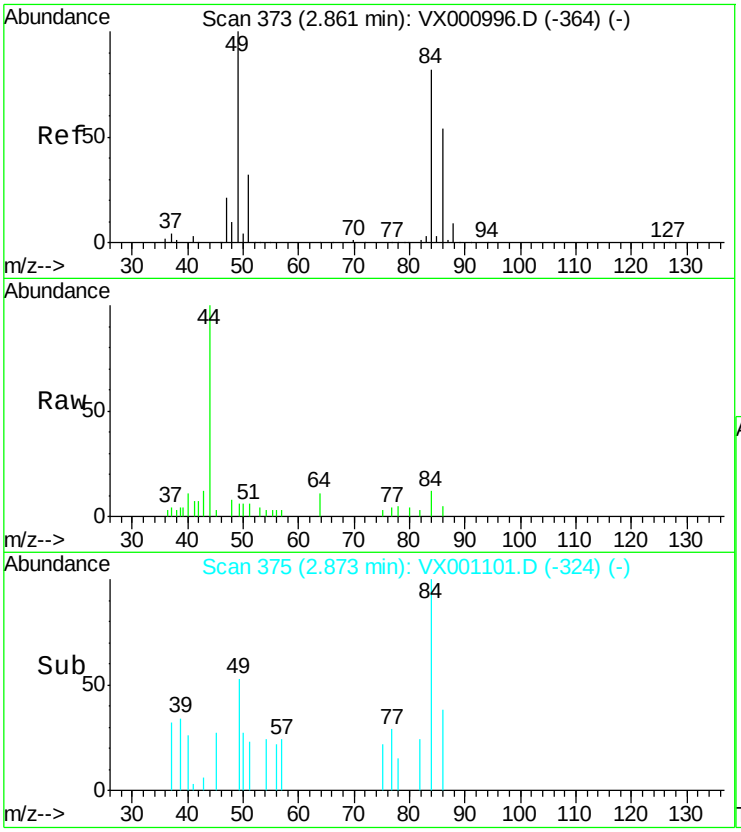


#16
Acetone
Concen: 2.14 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion: 43 Resp: 2344

Ion	Ratio	Lower	Upper
43	100		
58	25.5	23.7	35.5



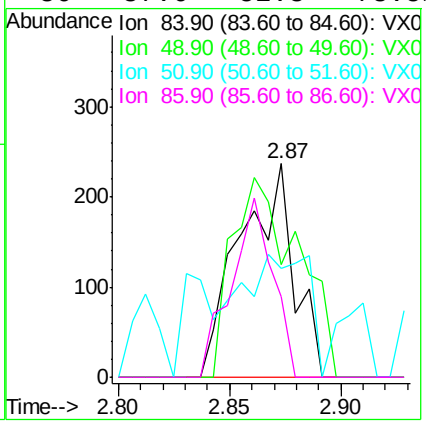


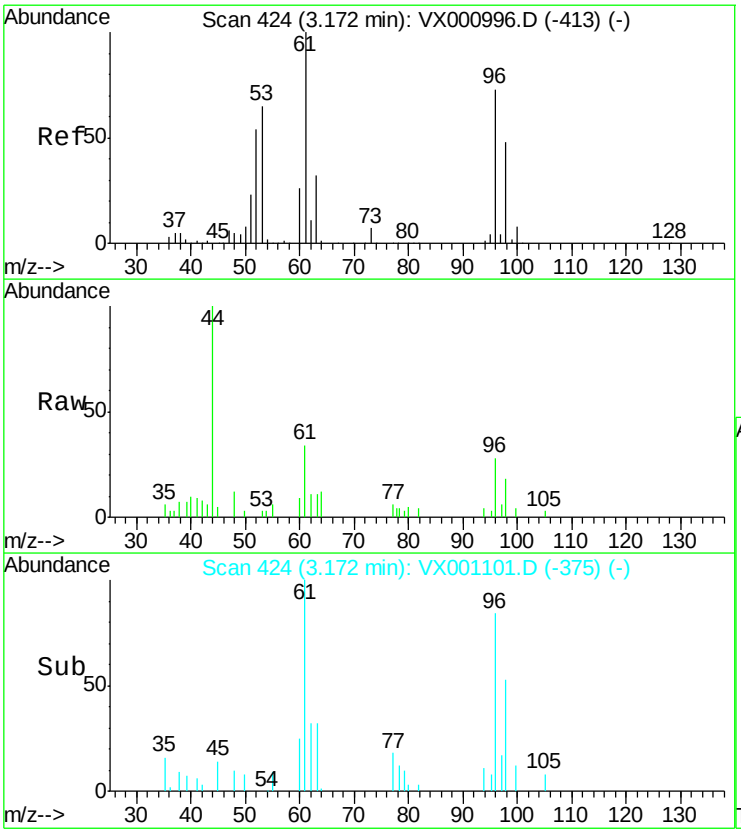
#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 375
Delta R.T. 0.01 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion: 84 Resp: 398

Ion	Ratio	Lower	Upper
84	100		
49	52.7	97.1	145.7#
51	25.7	30.8	46.2#
86	37.6	52.3	78.5#

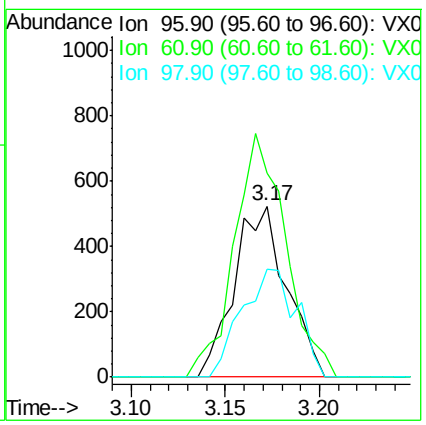


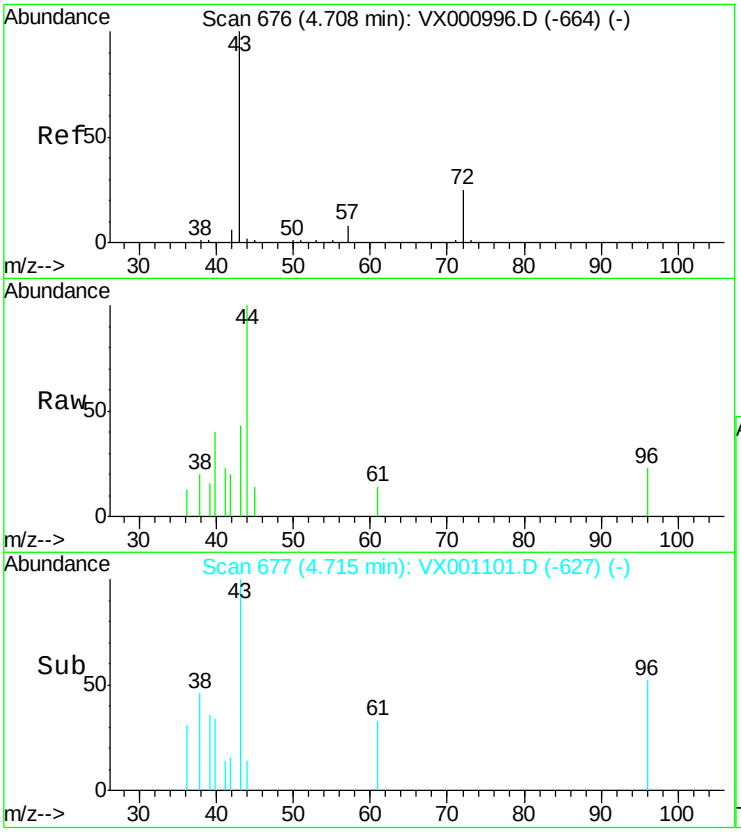


#21
trans-1,2-Dichloroethene
Concen: 0.40 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion: 96 Resp: 1008

Ion	Ratio	Lower	Upper
96	100		
61	119.1	109.4	164.2
98	63.0	52.6	78.8



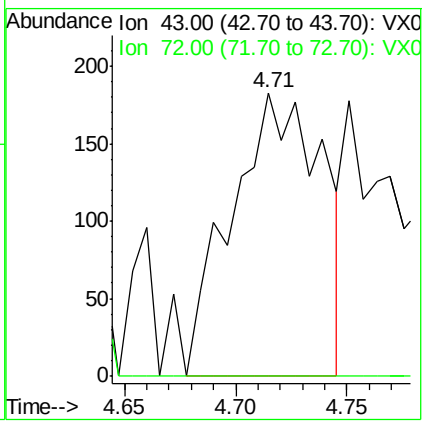


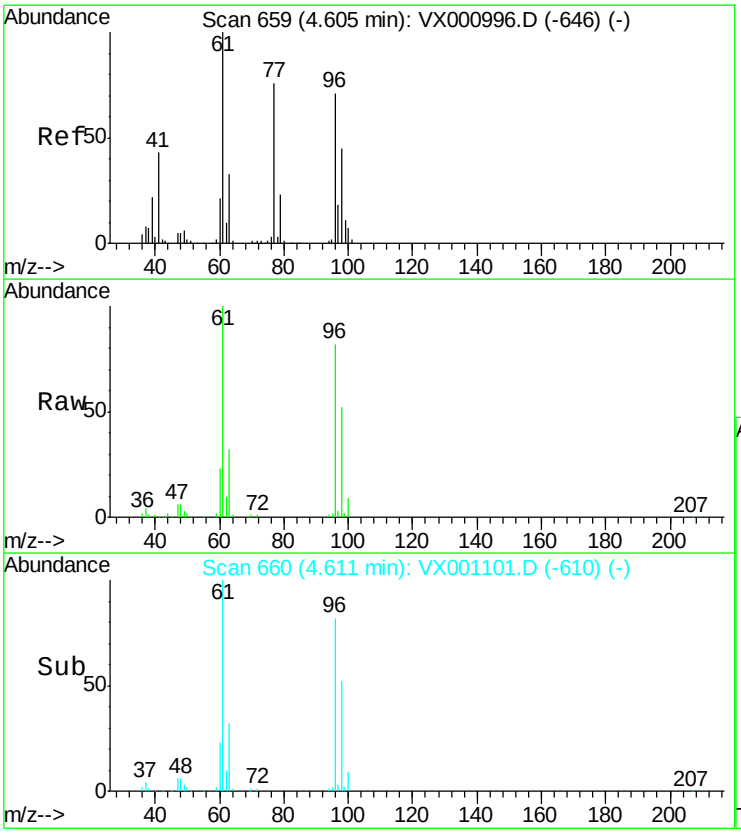
#25
2-Butanone
Concen: 0.30 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion: 43 Resp: 518

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.9	29.9#

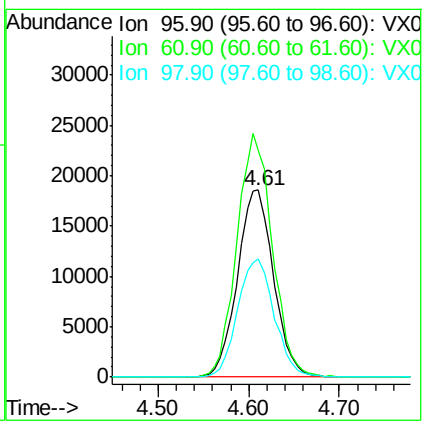


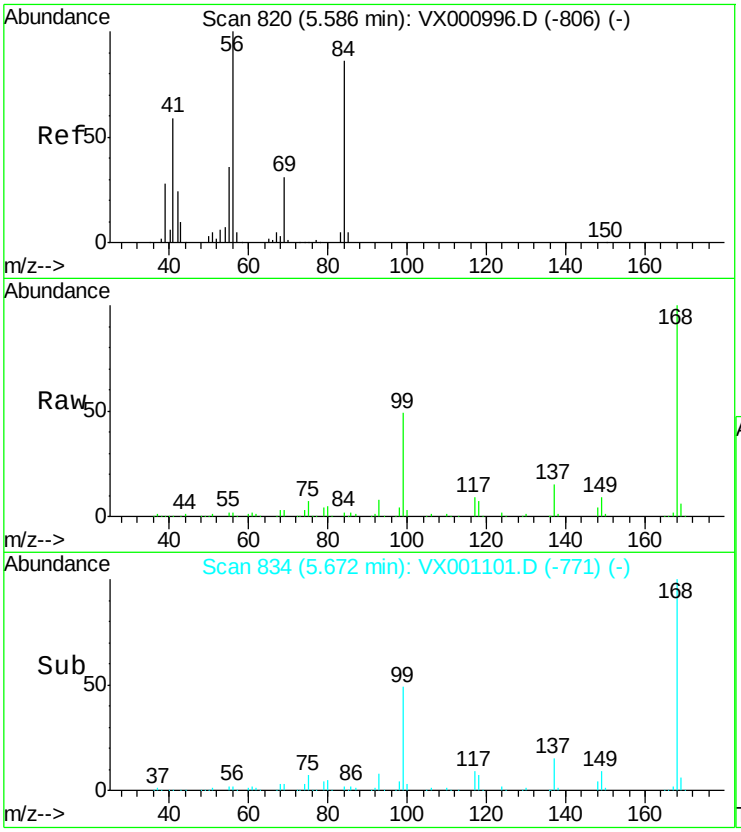


#27
cis-1,2-Dichloroethene
Concen: 18.45 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion: 96 Resp: 51198

Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	297.0
98	64.1	0.0	130.0



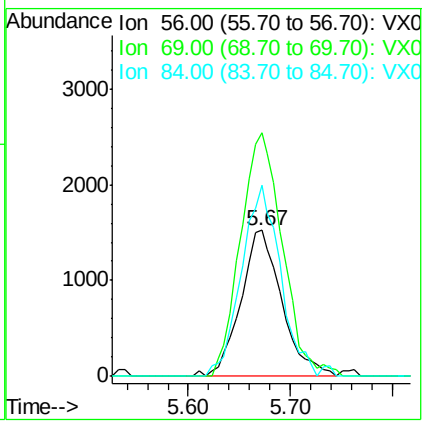


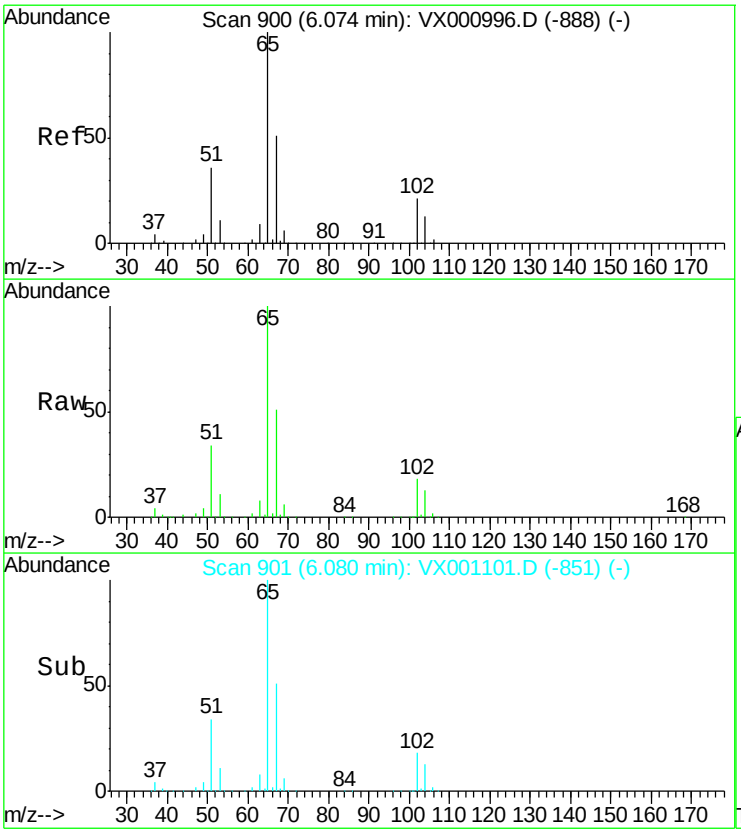
#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion: 56 Resp: 4272

Ion	Ratio	Lower	Upper
56	100		
69	167.0	24.6	36.8#
84	131.4	69.0	103.6#

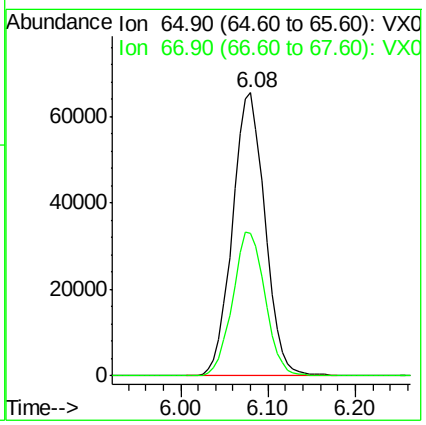


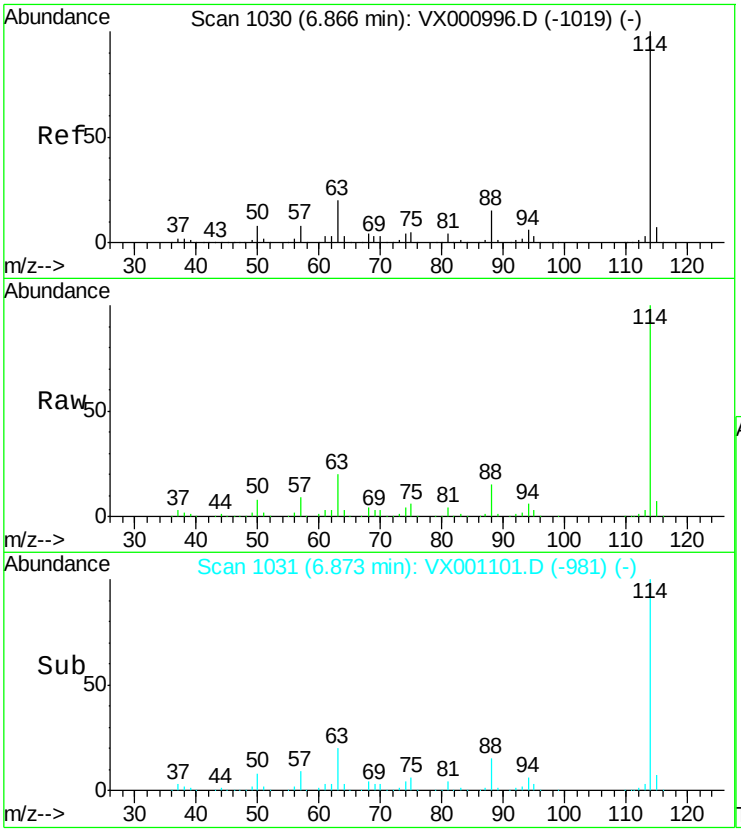


#33
1,2-Dichloroethane-d4
Concen: 58.23 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion: 65 Resp: 169502

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.6



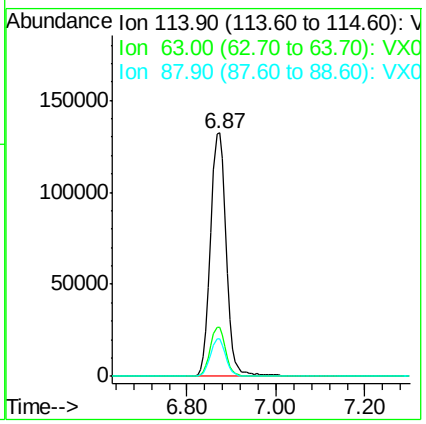


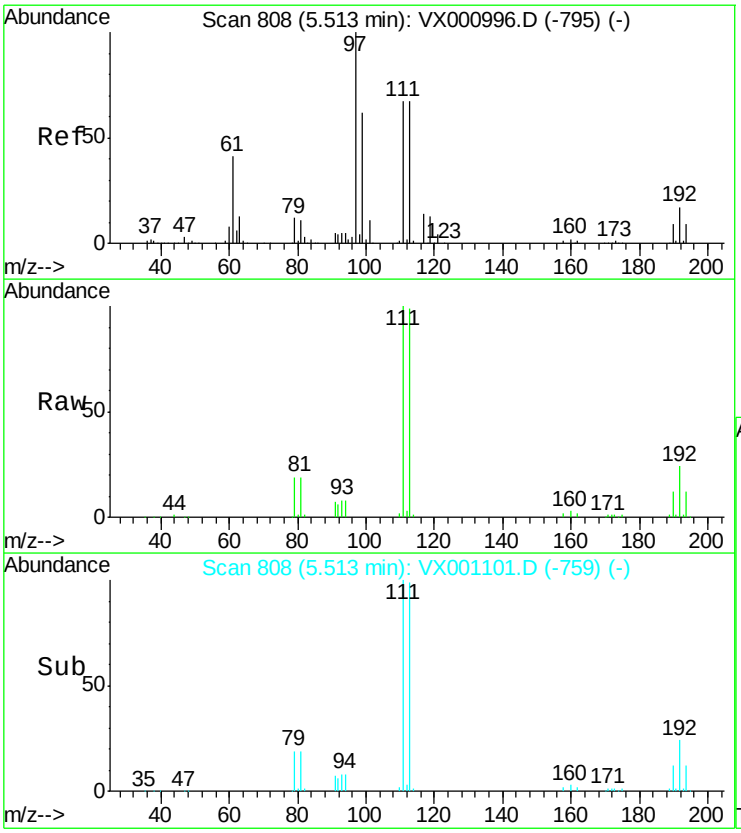
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion:114 Resp: 324754

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.4
88	15.5	0.0	29.8

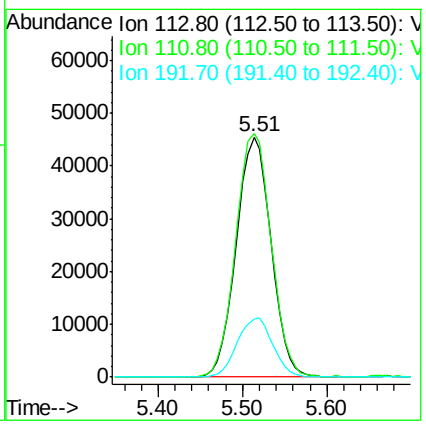


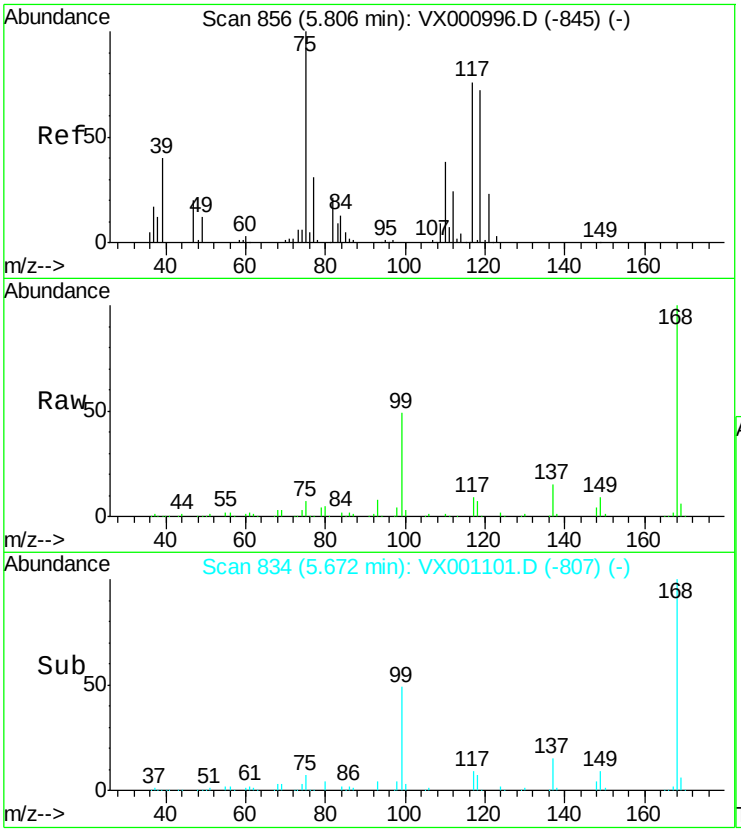


#35
Dibromofluoromethane
Concen: 51.51 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion:113 Resp: 127546

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	25.2	20.4	30.6



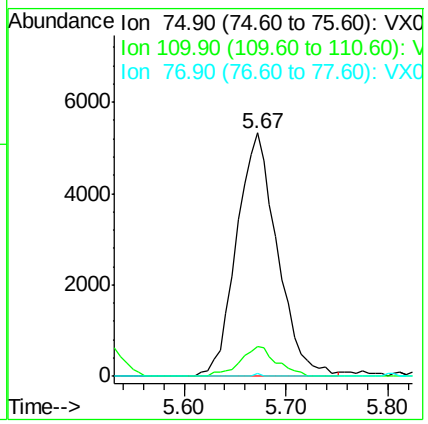


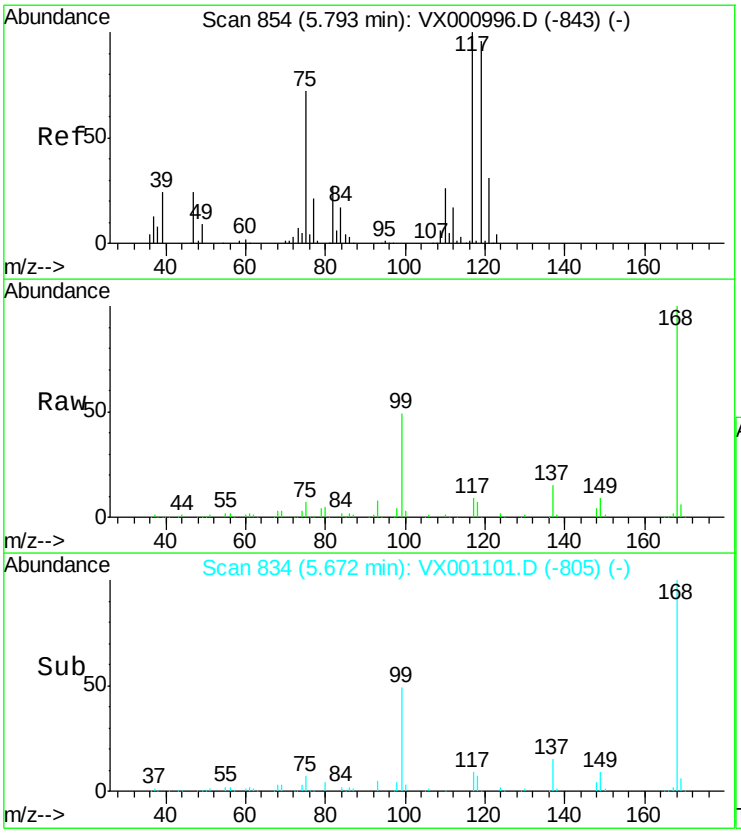
#36
1,1-Dichloropropene
Concen: 3.86 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion: 75 Resp: 14720

Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.7	56.1#
77	0.2	25.0	37.4#

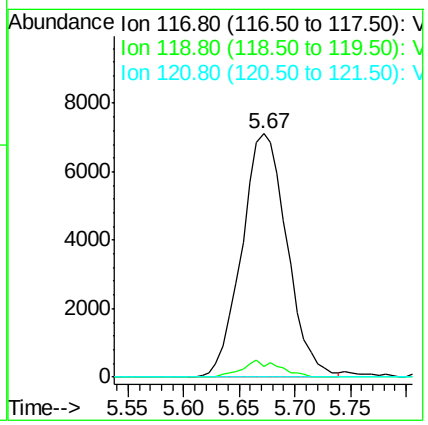


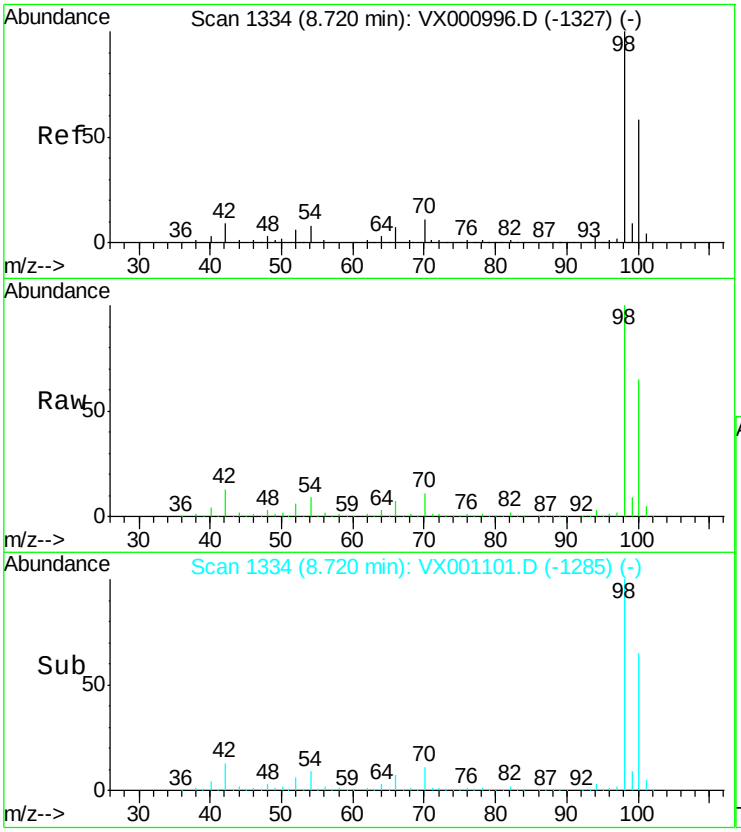


#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion:117 Resp: 20084

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.5	114.7#
121	0.0	24.5	36.7#



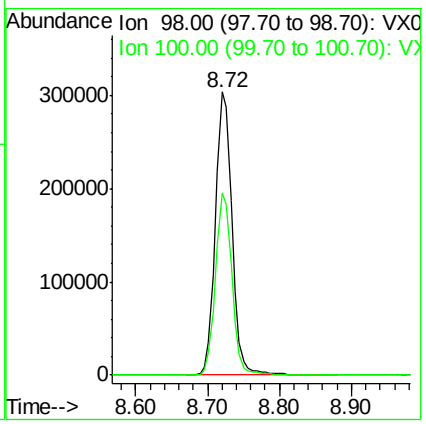


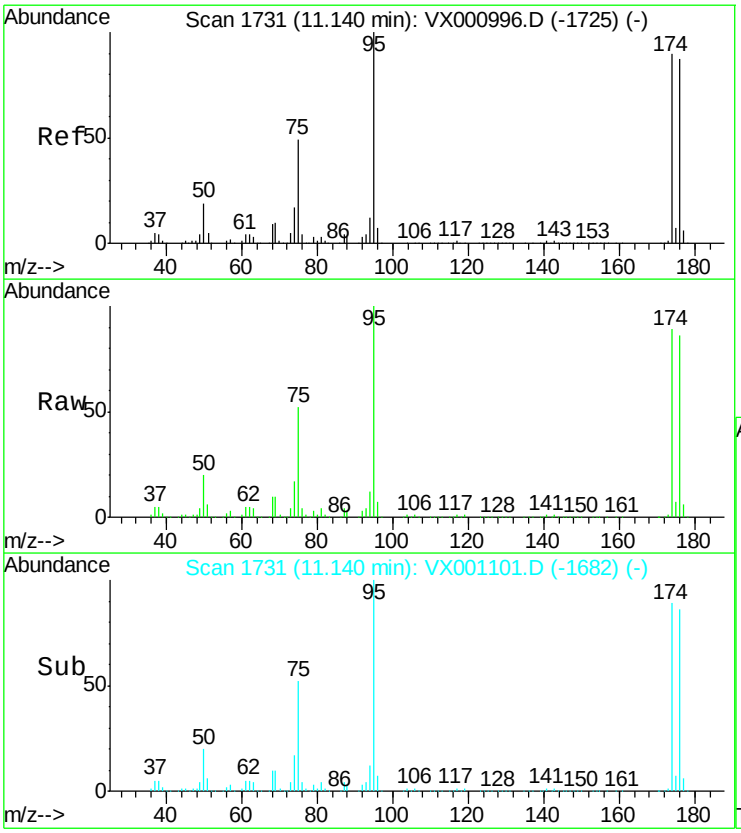
#50
Toluene-d8
Concen: 53.01 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion: 98 Resp: 485443

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9

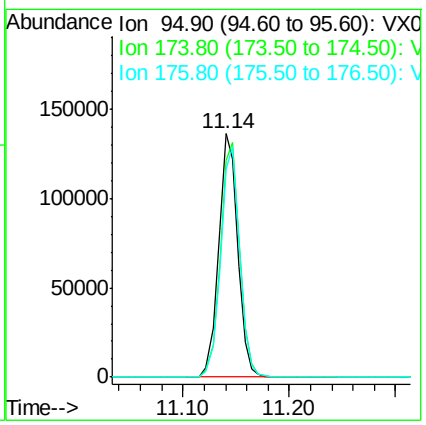


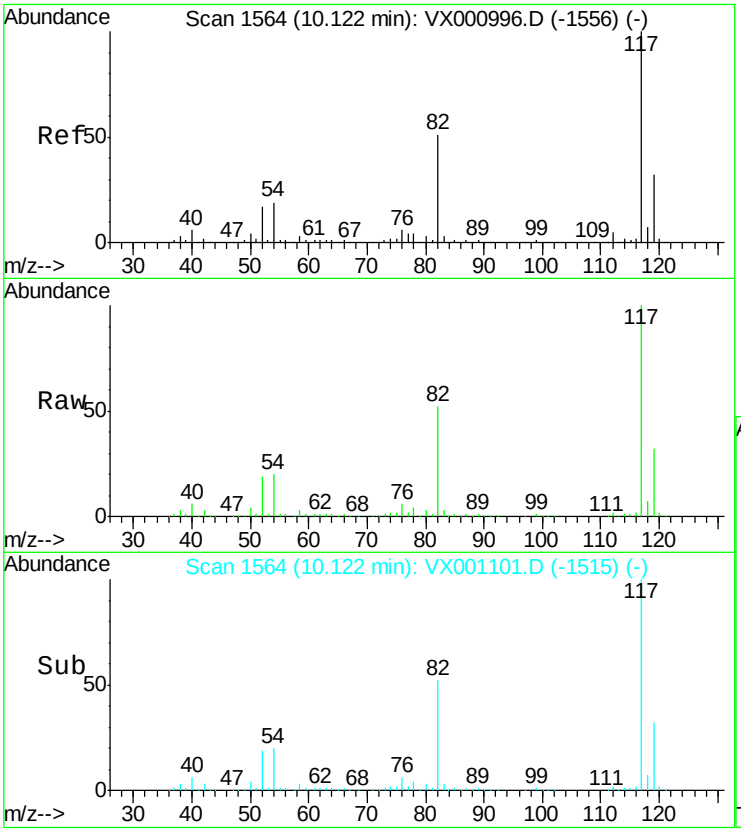


#62
4-Bromofluorobenzene
Concen: 44.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion: 95 Resp: 169932

Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	198.4
176	94.8	0.0	192.0



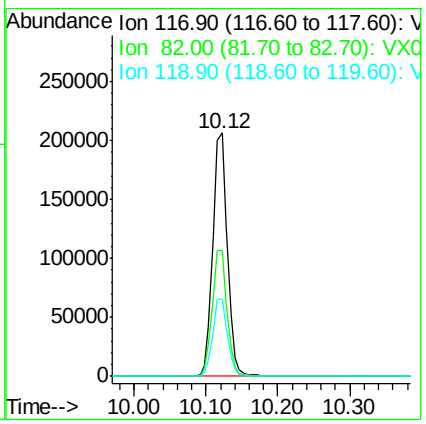


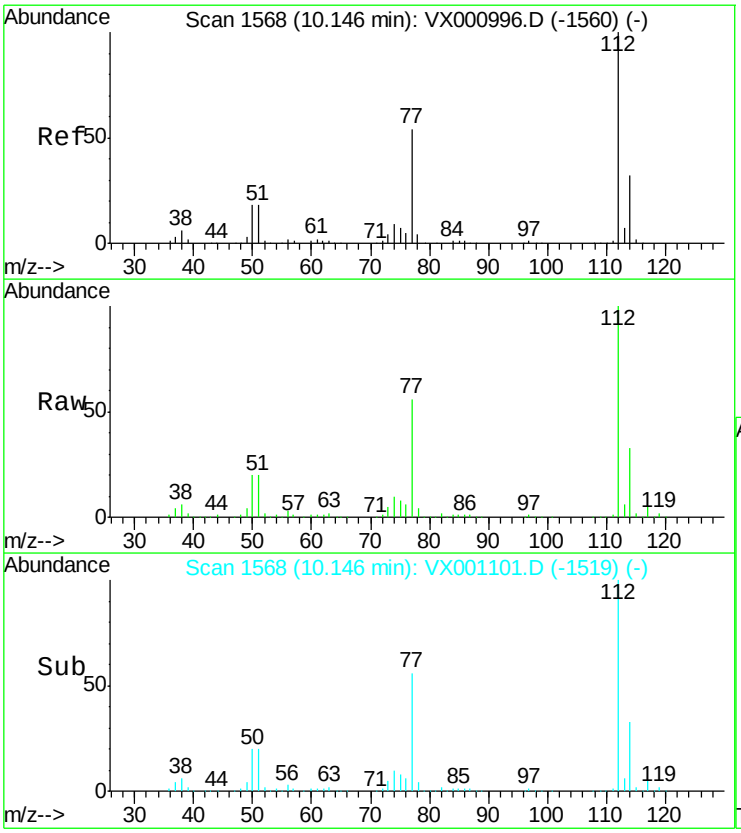
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion:117 Resp: 287907

Ion	Ratio	Lower	Upper
117	100		
82	51.6	40.6	60.8
119	31.9	26.0	39.0

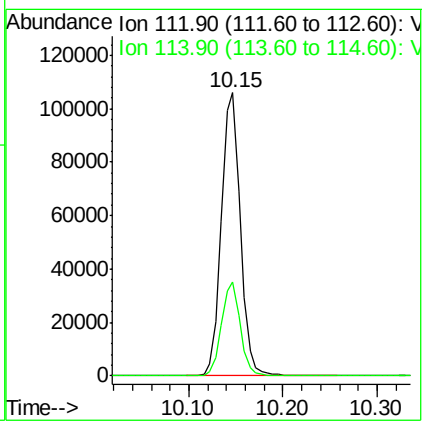


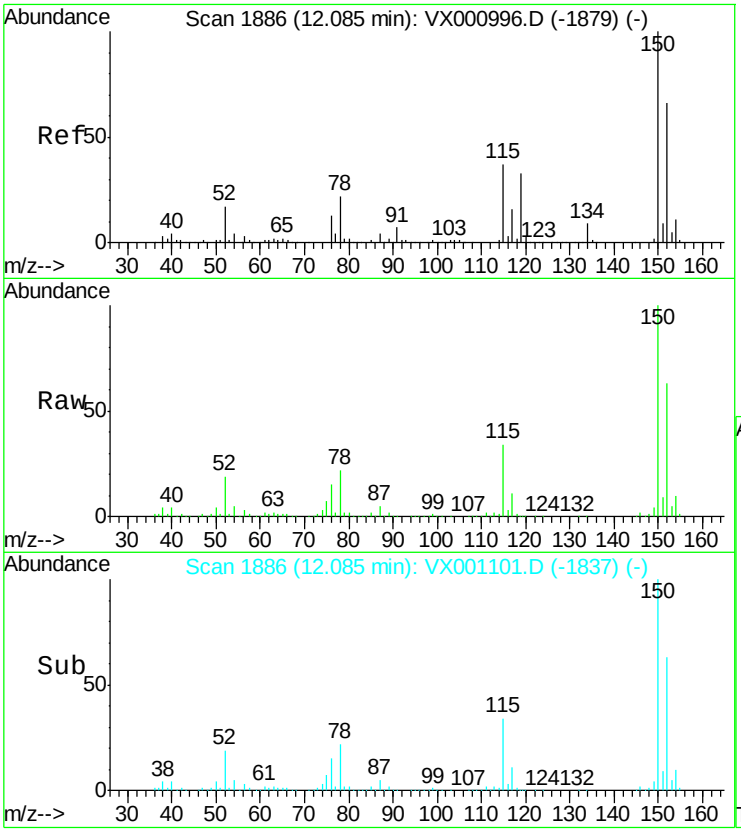


#65
Chlorobenzene
Concen: 19.36 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion:112 Resp: 148385

Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.5	38.3



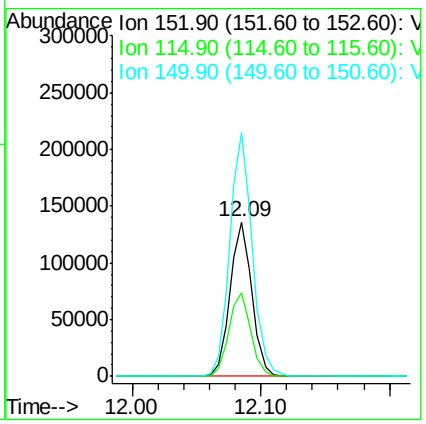


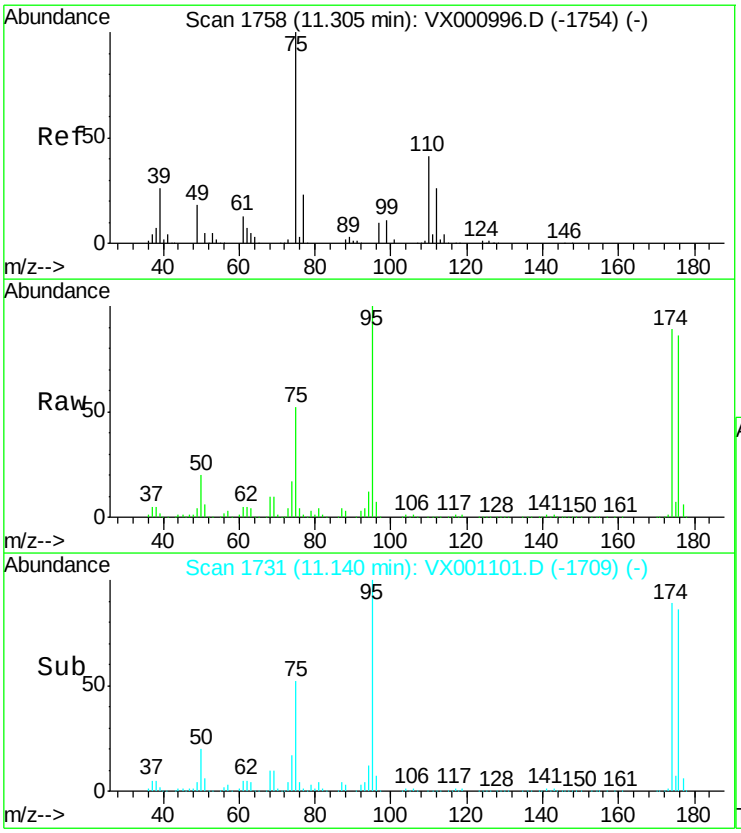
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion:152 Resp: 161281

Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.2	114.6
150	162.4	0.0	350.4

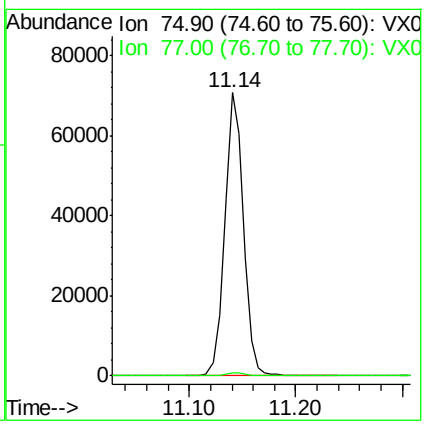


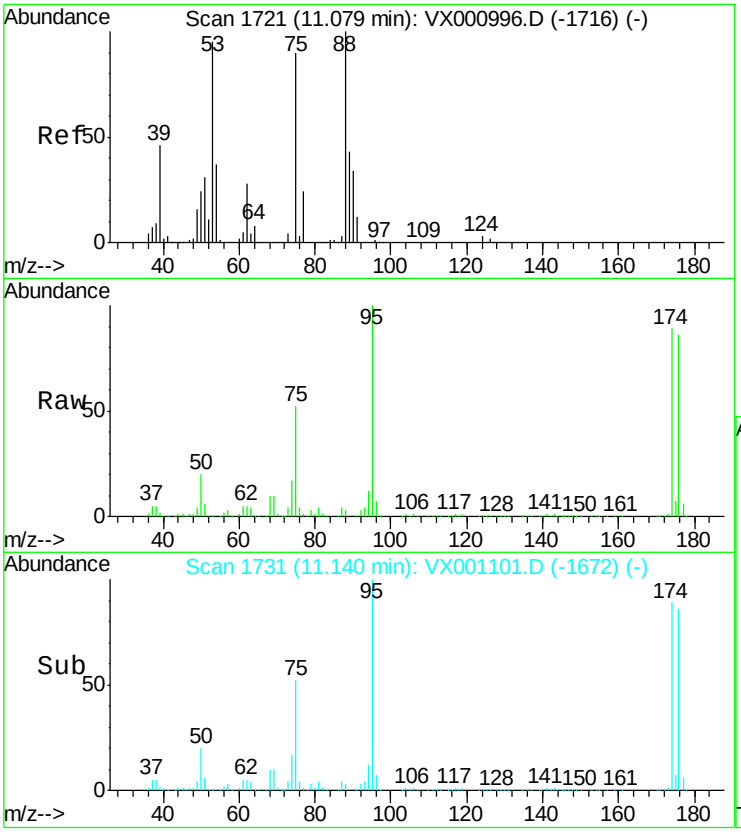


#76
1,2,3-Trichloropropane
Concen: 31.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion: 75 Resp: 86931

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.6	58.7#



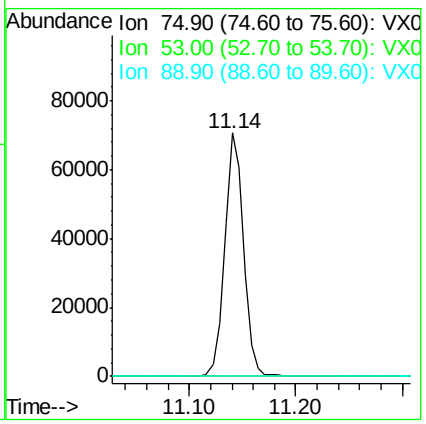


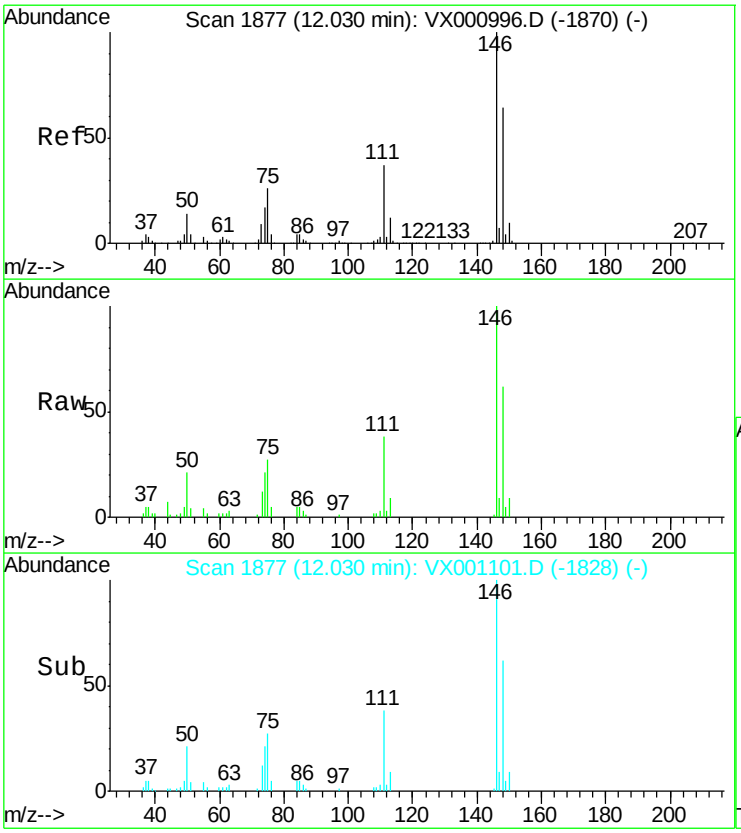
#81
trans-1,4-Dichloro-2-butene
Concen: 92.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion: 75 Resp: 86931

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.4	125.2#
89	0.0	39.7	59.5#

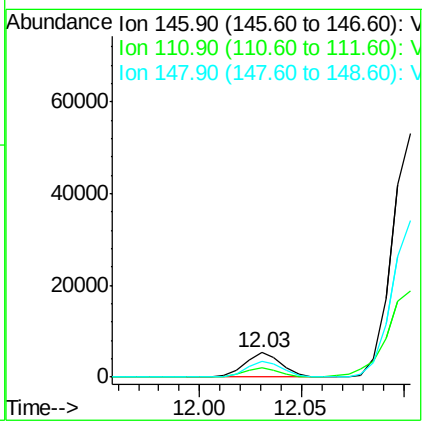


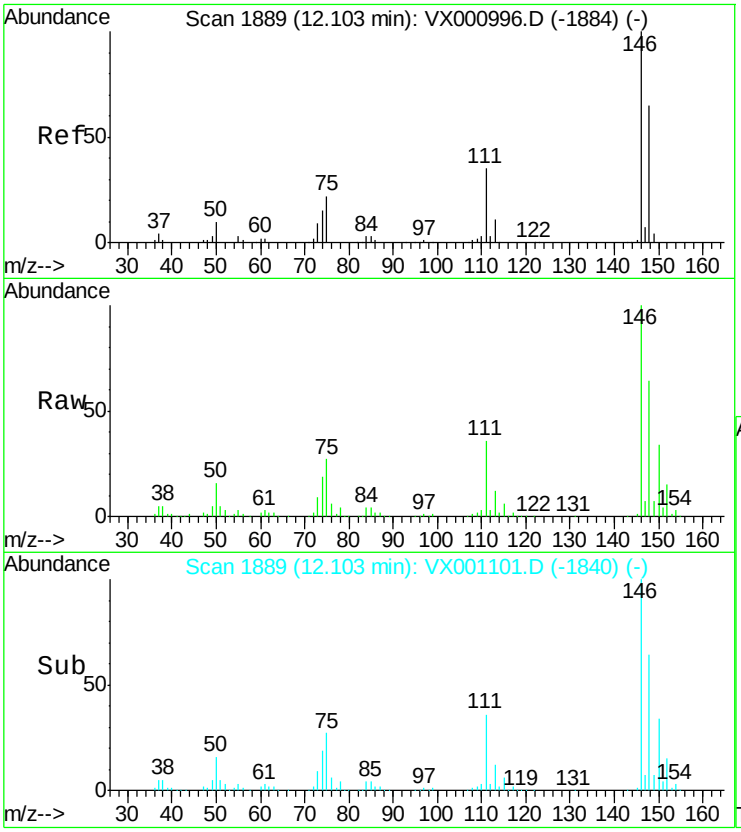


#87
1,3-Dichlorobenzene
Concen: 1.14 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion:146 Resp: 6549

Ion	Ratio	Lower	Upper
146	100		
111	35.4	18.3	54.8
148	62.9	32.2	96.6



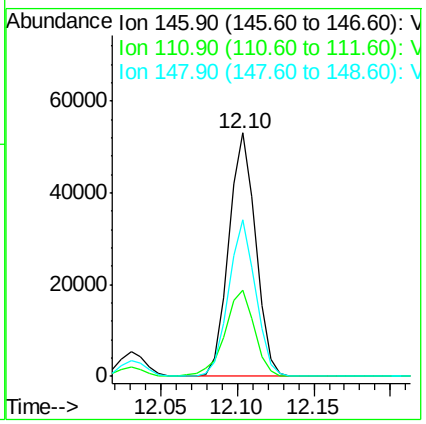


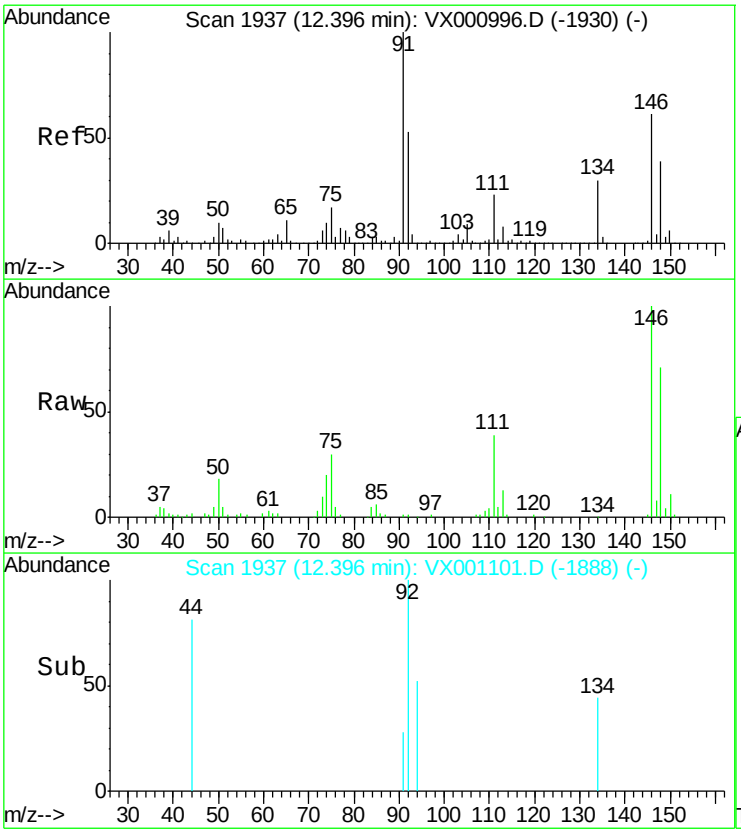
#88
1,4-Dichlorobenzene
Concen: 10.93 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416

Tgt Ion:146 Resp: 64298

Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.0	54.0
148	64.6	32.4	97.0





#91
1,2-Dichlorobenzene
Concen: 3.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001101.D
Acq: 25 Apr 2018 02:34

Tgt Ion:146 Resp: 17771

Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.6	56.0
148	66.3	32.3	96.8