

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000926.D
 Acq On : 16 Apr 2018 18:23
 Operator : JC/MD
 Sample : J2370-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 17 02:35:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214453	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	154886	48.16	ug/l	0.00
Spiked Amount						
			Recovery	=	96.32%	
35) Dibromofluoromethane	5.51	113	121840	45.41	ug/l	0.00
Spiked Amount						
			Recovery	=	90.82%	
50) Toluene-d8	8.72	98	486469	48.69	ug/l	0.00
Spiked Amount						
			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	189636	45.88	ug/l	0.00
Spiked Amount						
			Recovery	=	91.76%	

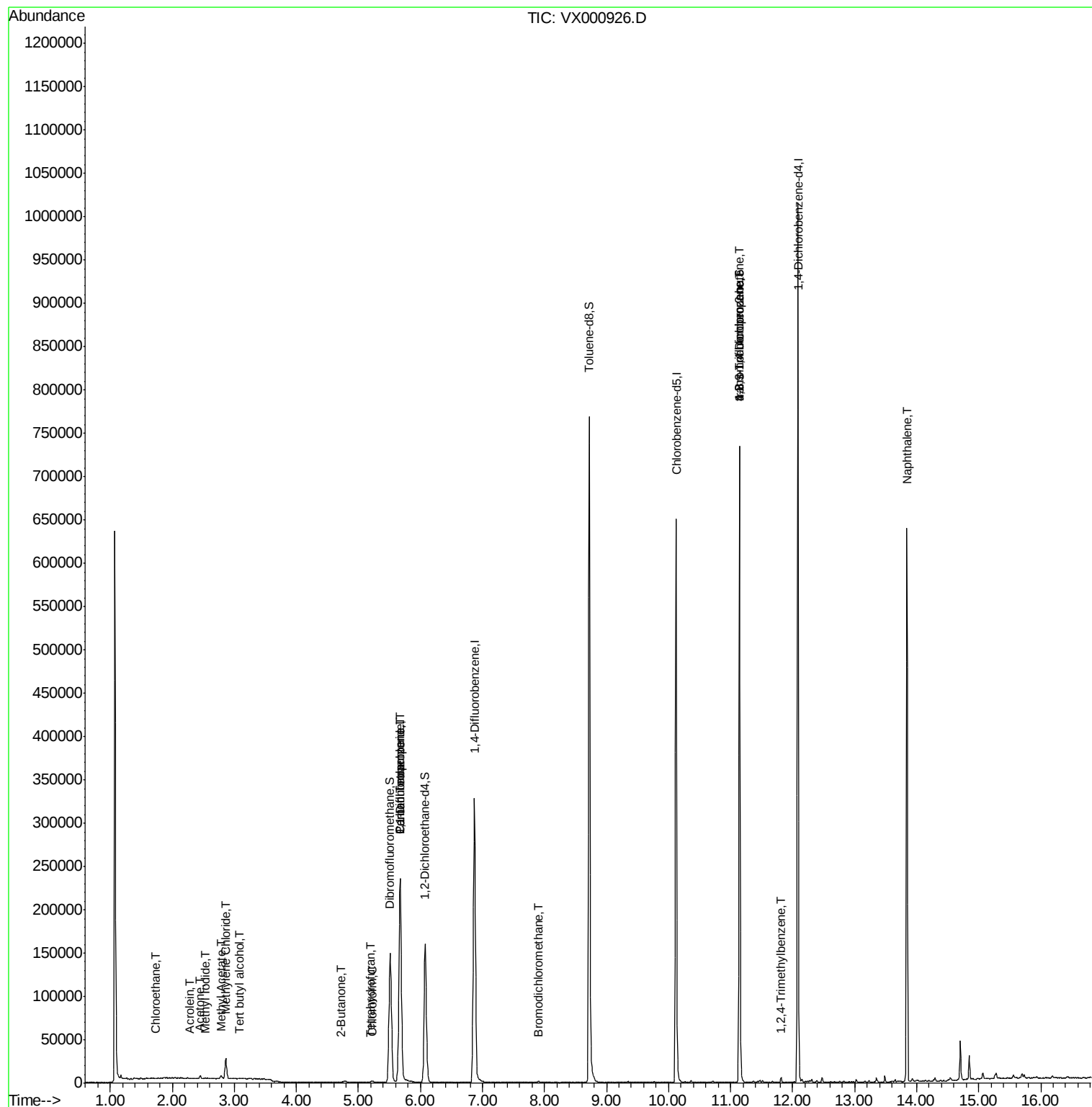
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	485	Below Cal		86
6) Chloroethane	1.73	64	2450	1.456	ug/l #	71
10) Methyl Iodide	2.53	142	178	8.308	ug/l #	69
11) Tert butyl alcohol	3.08	59	552	0.967	ug/l #	89
13) Acrolein	2.29	56	158	0.570	ug/l #	64
16) Acetone	2.45	43	2980	2.687	ug/l	97
18) Methyl Acetate	2.78	43	3951	1.377	ug/l	97
20) Methylene Chloride	2.87	84	11539	4.473	ug/l	90
25) 2-Butanone	4.71	43	712	0.389	ug/l #	50
29) Tetrahydrofuran	5.18	42	837	0.720	ug/l #	51
30) Chloroform	5.23	83	2063	0.437	ug/l #	71
36) 1,1-Dichloropropene	5.67	75	15531	4.049	ug/l #	48
38) Carbon Tetrachloride	5.67	117	21613	5.034	ug/l #	14
47) Bromodichloromethane	7.91	83	786	0.206	ug/l #	74
76) 1,2,3-Trichloropropane	11.14	75	92932	25.127	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	92932	69.119	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.81	105	2612	0.216	ug/l	96
95) Naphthalene	13.84	128	396521	25.411	ug/l	100

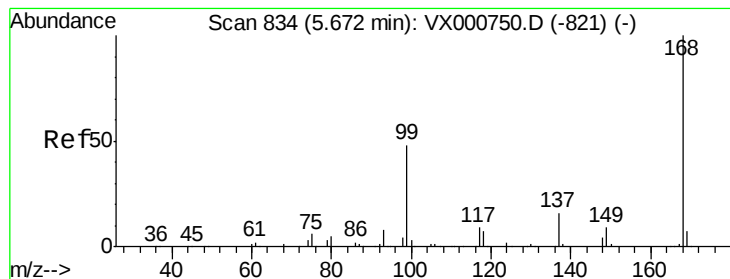
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
Data File : VX000926.D
Acq On : 16 Apr 2018 18:23
Operator : JC/MD
Sample : J2370-04 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Apr 17 02:35:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000926.D

Acq: 16 Apr 2018 18:23

Instrument :

MSVOA_X

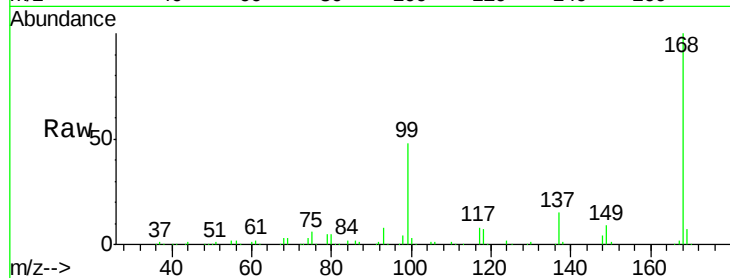
ClientSampleId :

Tot Ion:168 Resp: 255052

Ion Ratio Lower Upper

168 100

99 48.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

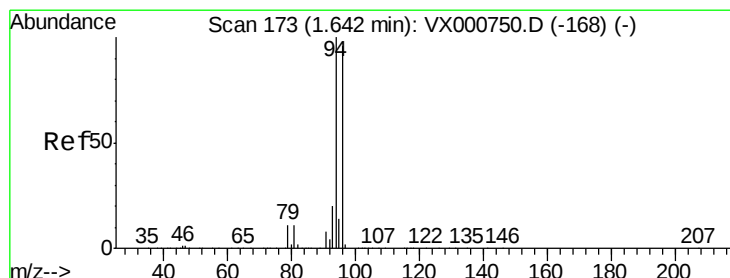
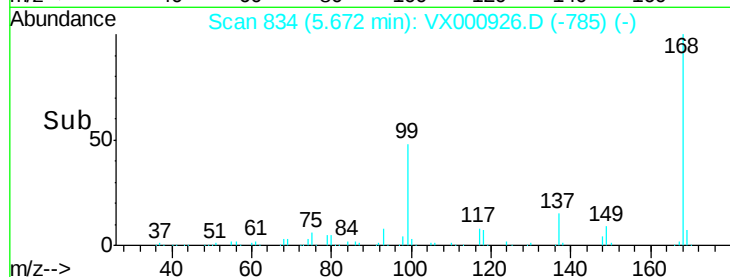
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000926.D

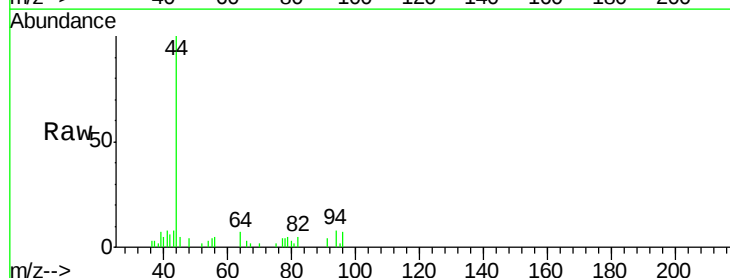
Acq: 16 Apr 2018 18:23

Tgt Ion: 94 Resp: 485

Ion Ratio Lower Upper

94 100

96 82.6 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

250

200

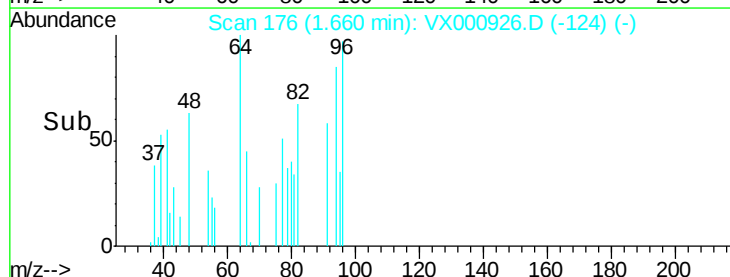
150

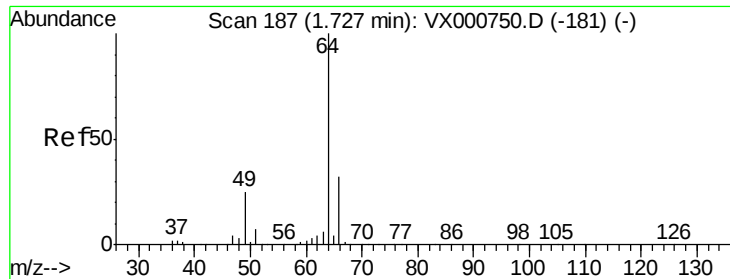
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 1.456 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000926.D

Acq: 16 Apr 2018 18:23

Instrument :

MSVOA_X

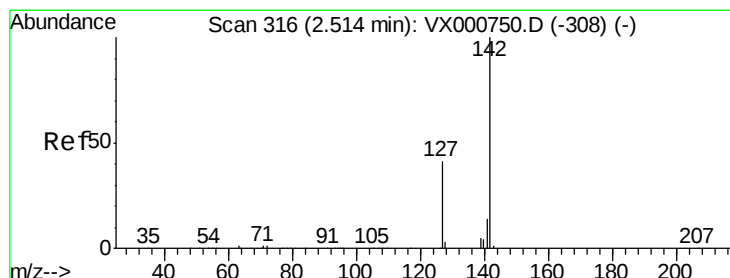
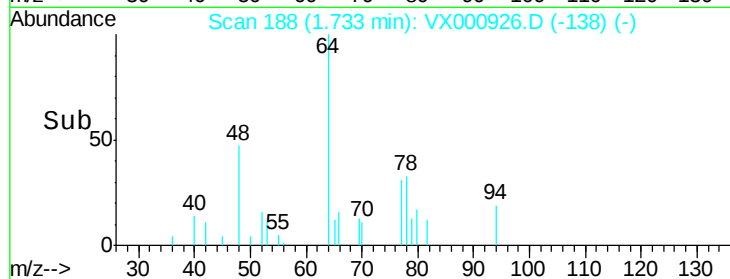
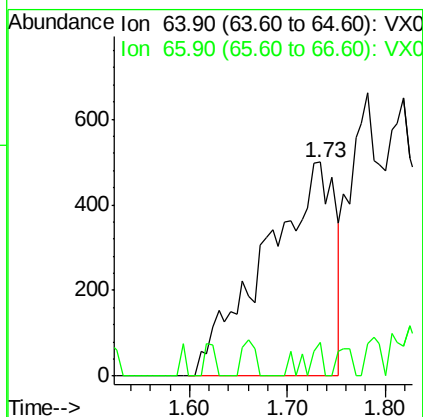
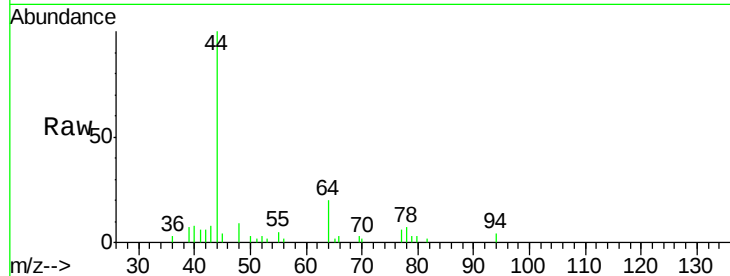
ClientSampleId :

Tot Ion: 64 Resp: 2450

Ion Ratio Lower Upper

64 100

66 15.6 25.3 37.9#



#10

Methyl Iodide

Concen: 8.308 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX000926.D

Acq: 16 Apr 2018 18:23

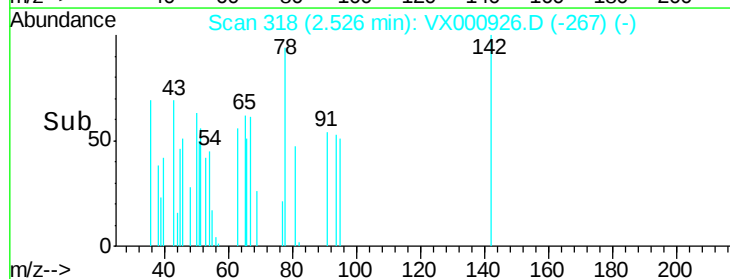
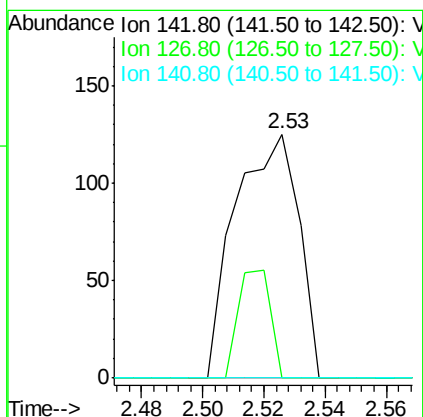
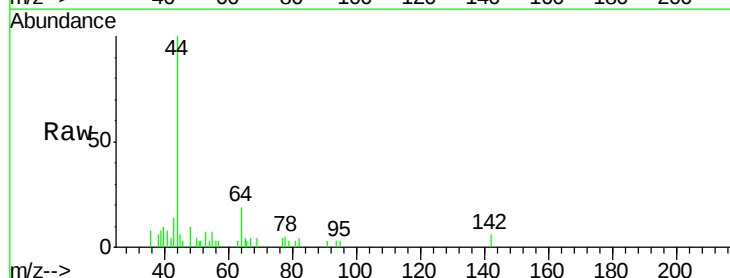
Tgt Ion: 142 Resp: 178

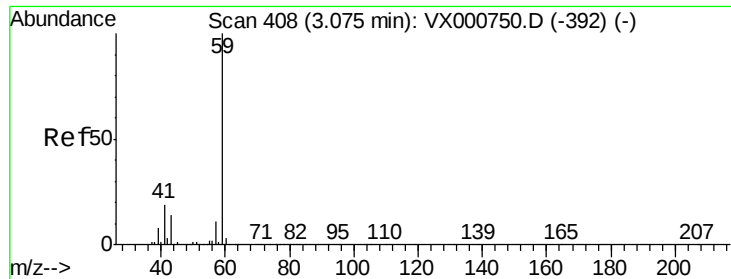
Ion Ratio Lower Upper

142 100

127 22.5 32.6 49.0#

141 0.0 11.5 17.3#

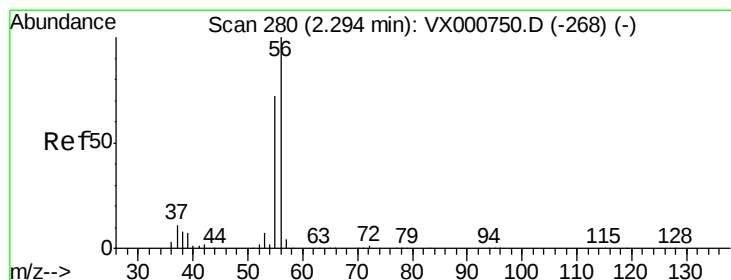
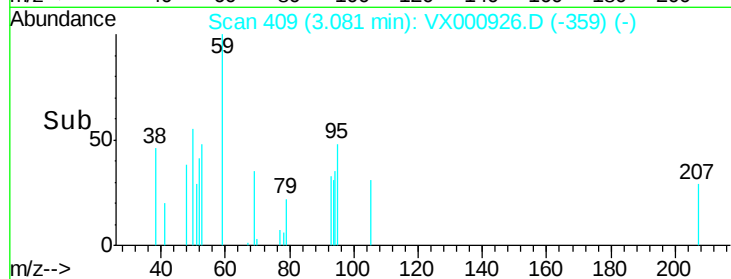
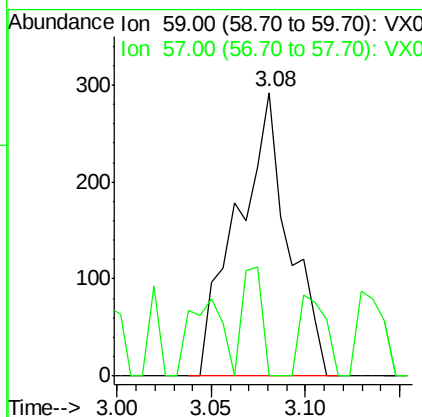
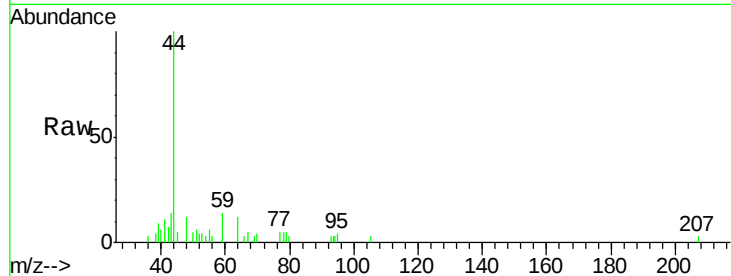




#11
Tert butvl alcohol
Concen: 0.967 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000926.D
Acq: 16 Apr 2018 18:23

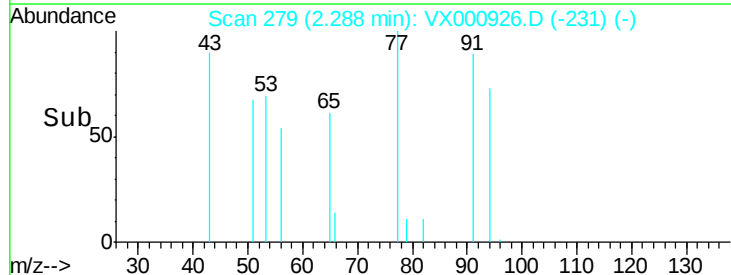
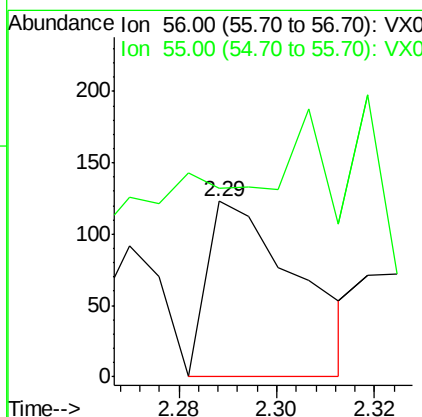
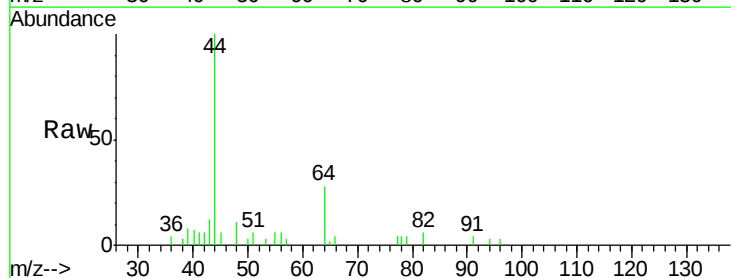
Instrument :
MSVOA_X
ClientSampled :

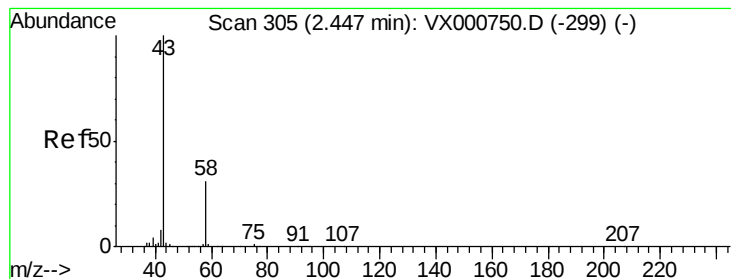
Tot Ion: 59 Resp: 552
Ion Ratio Lower Upper
59 100
57 14.7 8.4 12.6#



#13
Acrolein
Concen: 0.570 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX000926.D
Acq: 16 Apr 2018 18:23

Tgt Ion: 56 Resp: 158
Ion Ratio Lower Upper
56 100
55 43.0 58.7 88.1#





#16

Acetone

Concen: 2.687 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000926.D

Acq: 16 Apr 2018 18:23

Instrument :

MSVOA_X

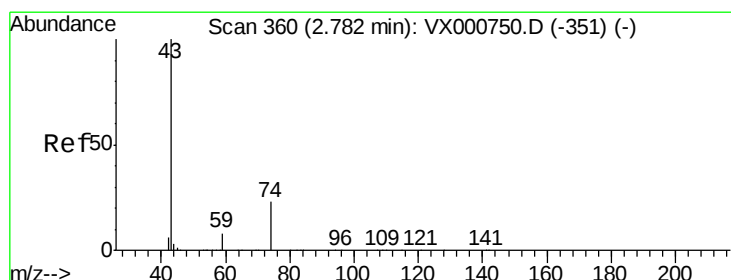
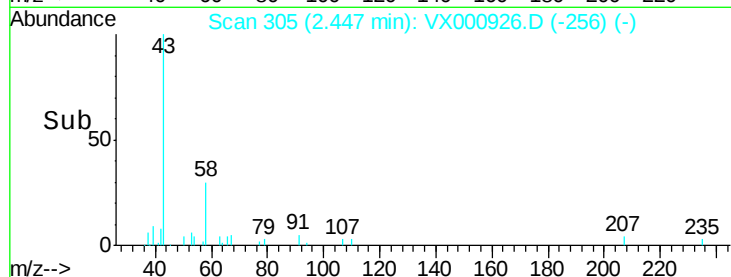
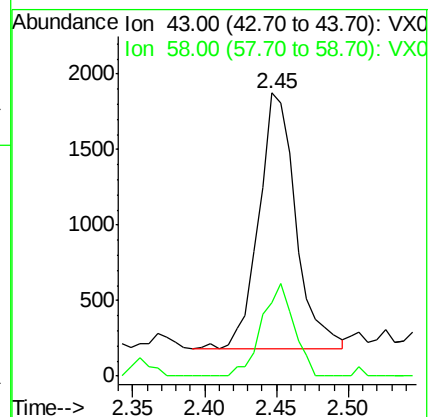
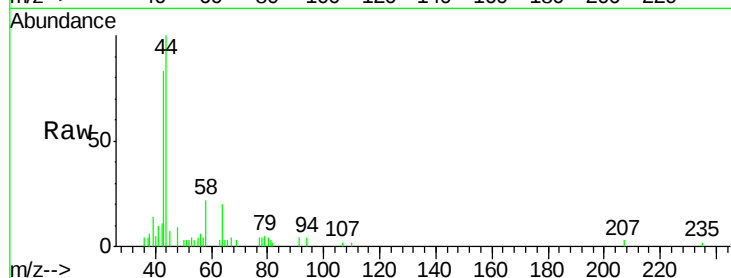
ClientSampleId :

Tot Ion: 43 Resp: 2980

Ion Ratio Lower Upper

43 100

58 28.9 24.6 37.0



#18

Methyl Acetate

Concen: 1.377 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000926.D

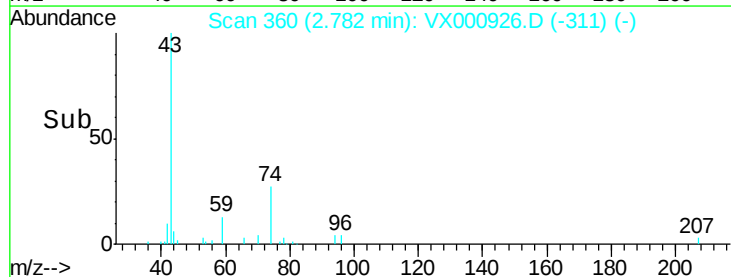
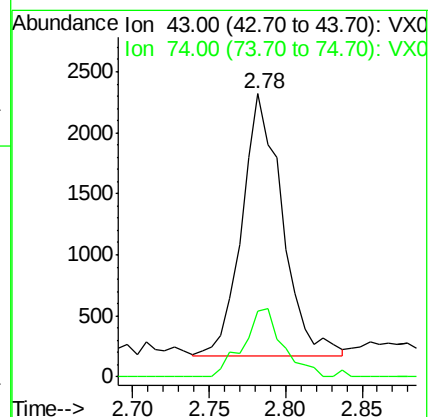
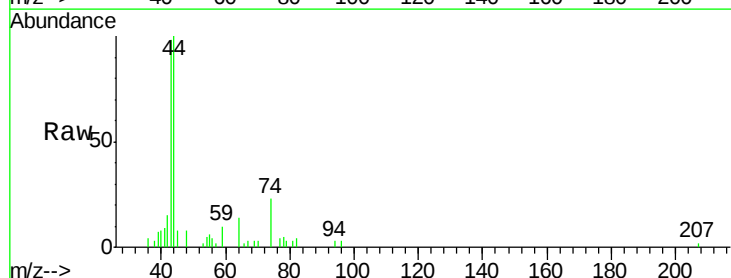
Acq: 16 Apr 2018 18:23

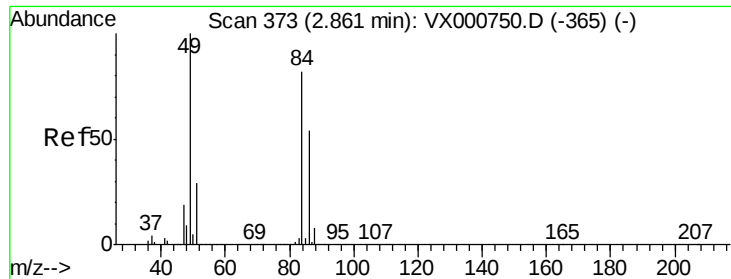
Tgt Ion: 43 Resp: 3951

Ion Ratio Lower Upper

43 100

74 25.1 19.1 28.7

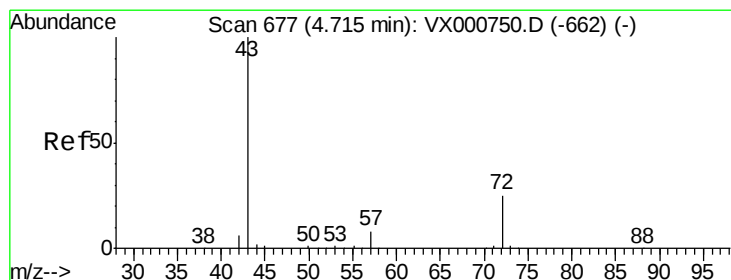
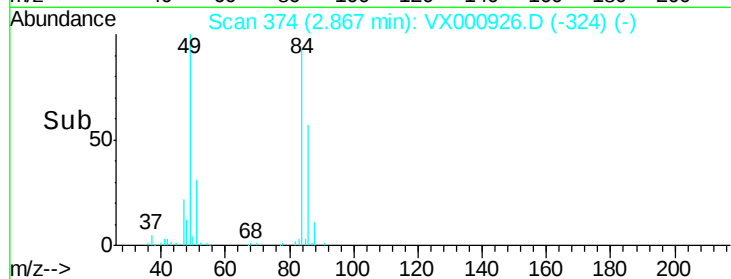
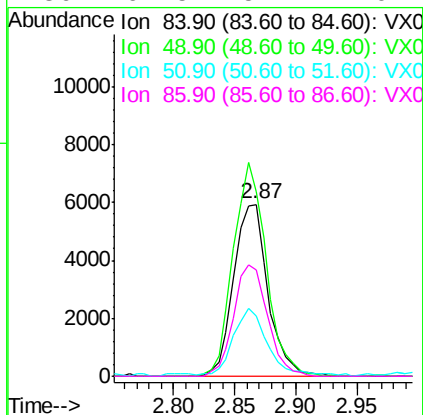
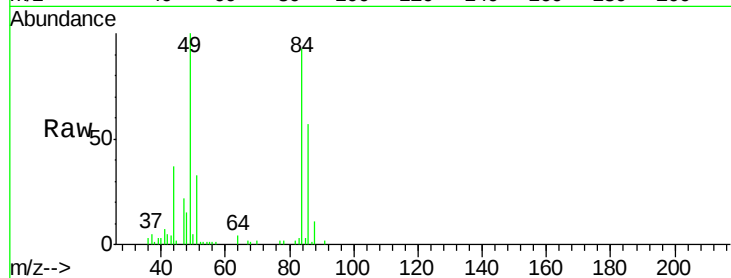




#20
Methvlene Chloride
Concen: 4.473 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000926.D
Acq: 16 Apr 2018 18:23

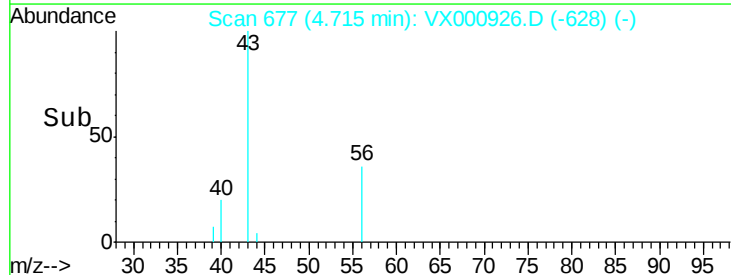
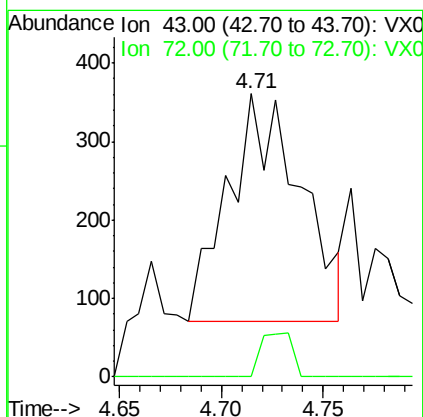
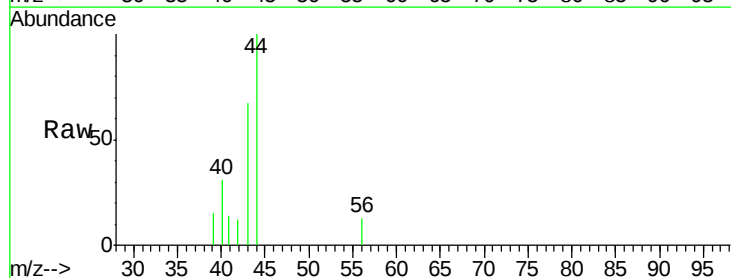
Instrument :
MSVOA_X
ClientSampled :

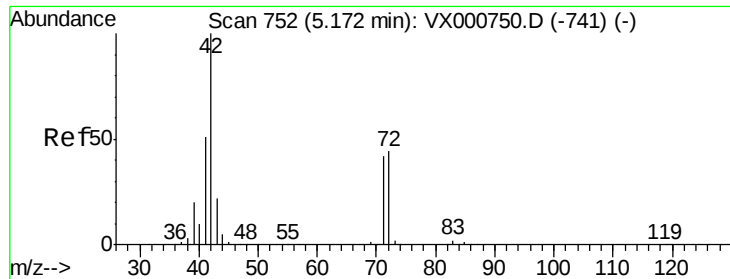
Tot Ion: 84 Resp: 11539
Ion Ratio Lower Upper
84 100
49 107.0 98.1 147.1
51 34.0 28.9 43.3
86 61.5 52.7 79.1



#25
2-Butanone
Concen: 0.389 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX000926.D
Acq: 16 Apr 2018 18:23

Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#

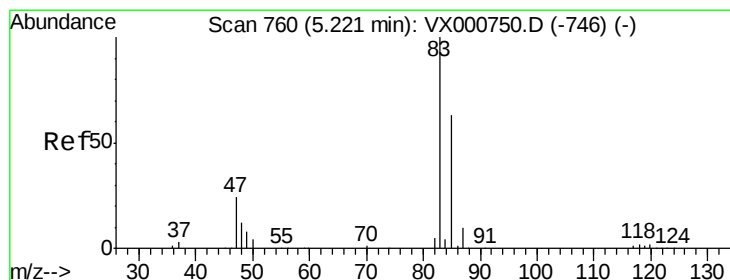
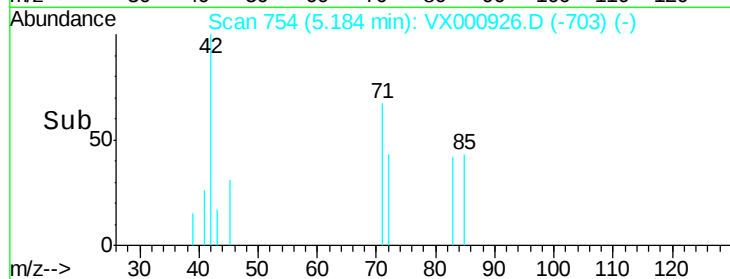
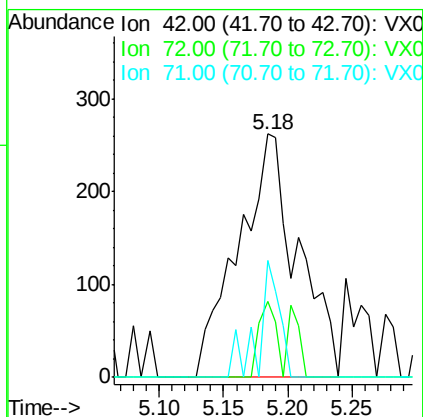
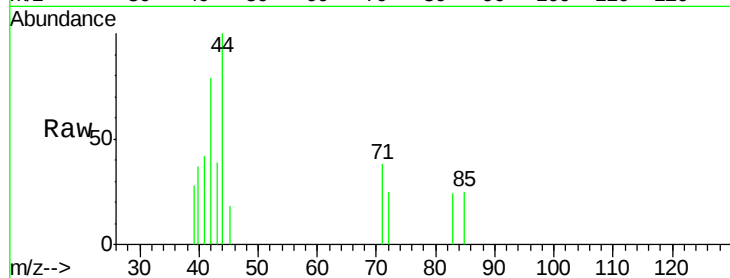




#29
Tetrahydrofuran
Concen: 0.720 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000926.D
Acq: 16 Apr 2018 18:23

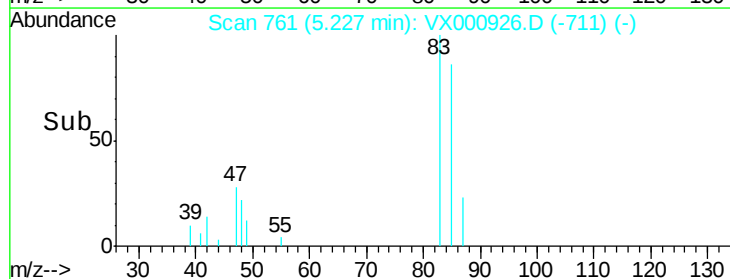
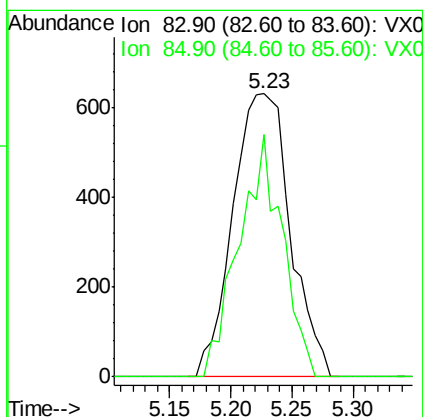
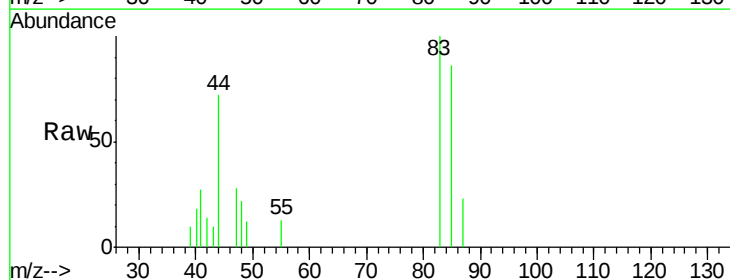
Instrument :
MSVOA_X
ClientSampled :

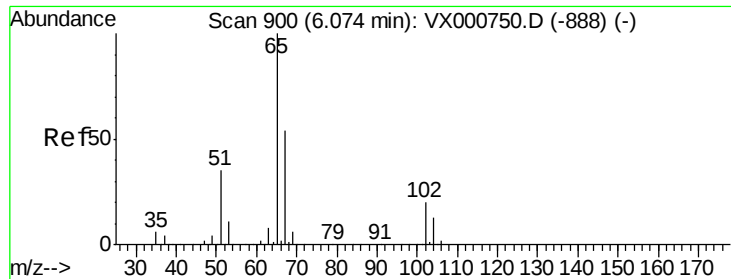
Tot Ion: 42 Resp: 837
Ion Ratio Lower Upper
42 100
72 8.6 35.1 52.7#
71 14.3 32.8 49.2#



#30
Chloroform
Concen: 0.437 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000926.D
Acq: 16 Apr 2018 18:23

Tgt Ion: 83 Resp: 2063
Ion Ratio Lower Upper
83 100
85 85.7 50.7 76.1#





#33

1,2-Dichloroethane-d4

Concen: 48.162 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000926.D

Acq: 16 Apr 2018 18:23

Instrument :

MSVOA_X

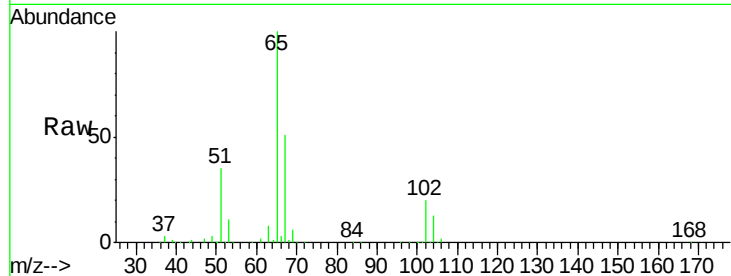
ClientSampleId :

Tot Ion: 65 Resp: 154886

Ion Ratio Lower Upper

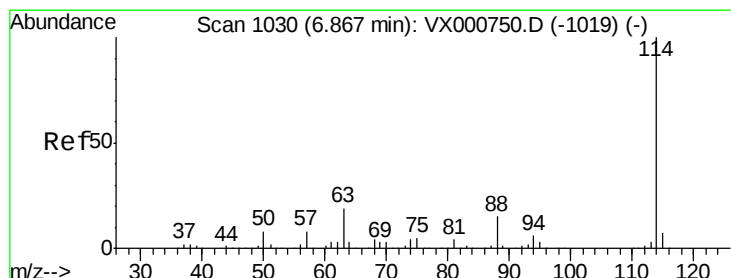
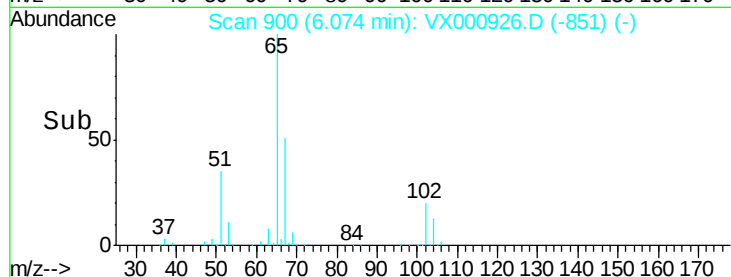
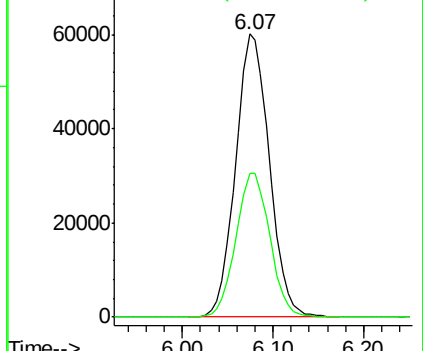
65 100

67 51.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000926.D

Acq: 16 Apr 2018 18:23

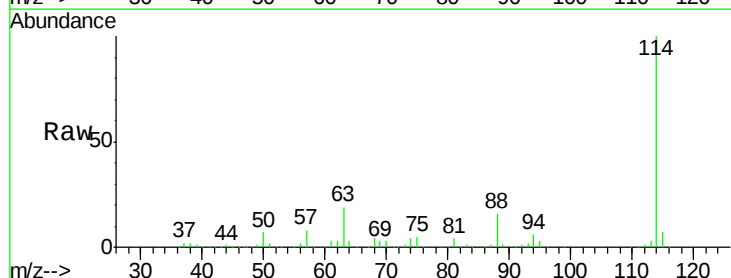
Tgt Ion: 114 Resp: 348289

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

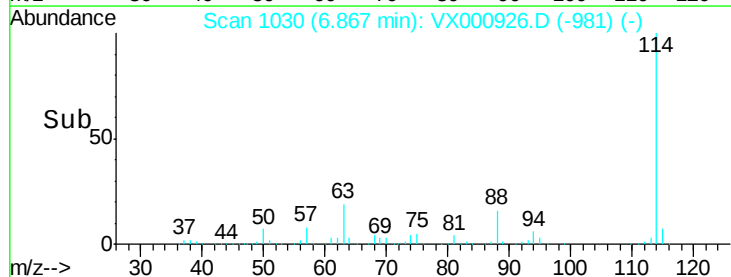
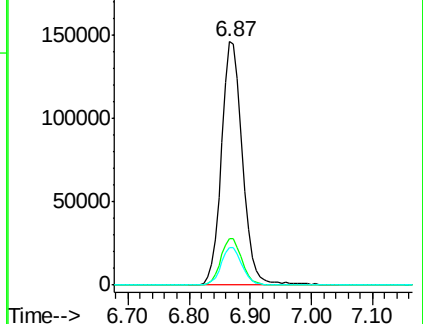
88 15.6 0.0 31.0

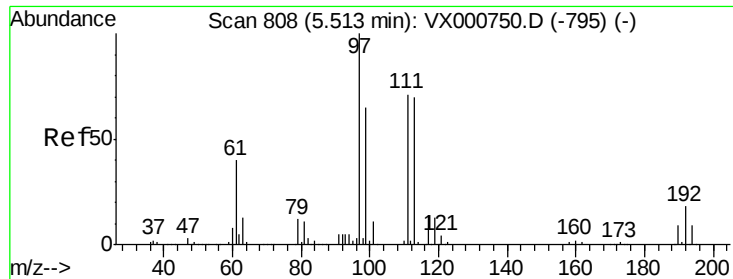


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

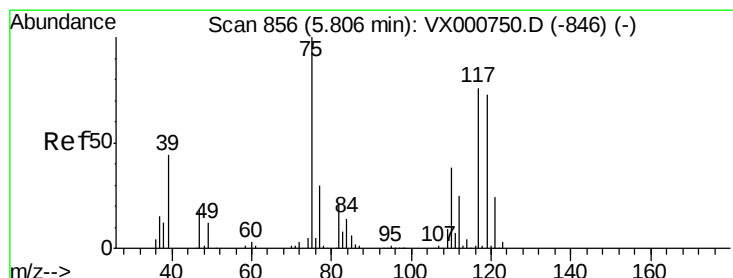
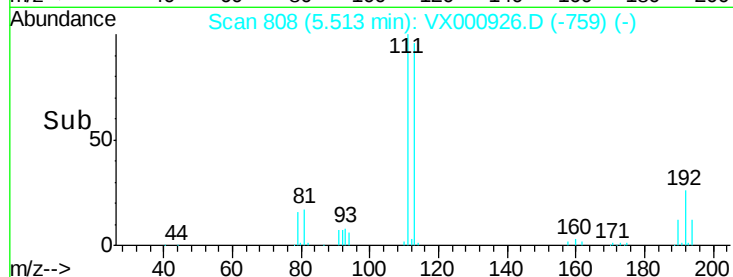
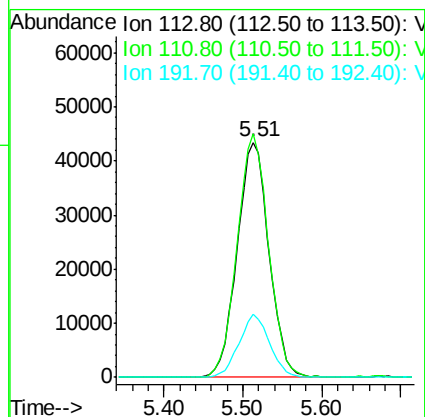
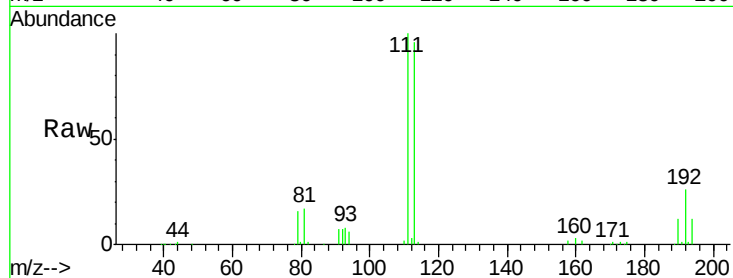




#35
 Dibromofluoromethane
 Concen: 45.406 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000926.D
 Acq: 16 Apr 2018 18:23

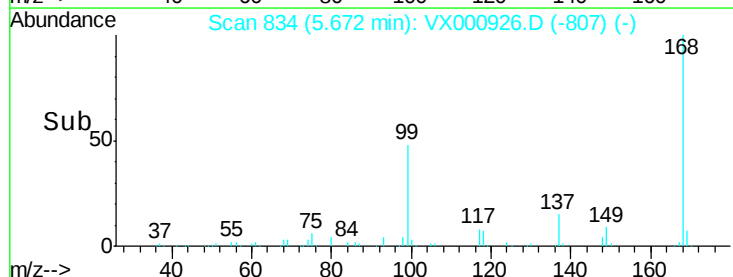
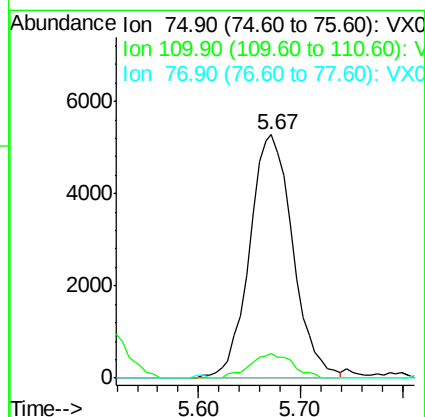
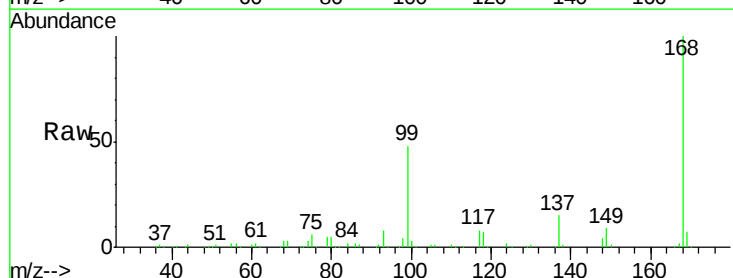
Instrument :
 MSVOA_X
 ClientSampled :

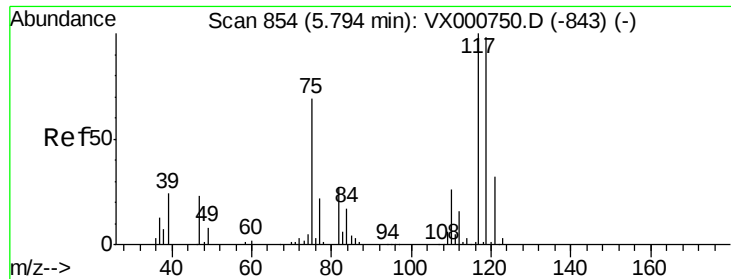
Tot Ion:113 Resp: 121840
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 25.8 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 4.049 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000926.D
 Acq: 16 Apr 2018 18:23

Tgt Ion: 75 Resp: 15531
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.2 57.6#
 77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.034 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000926.D

Acq: 16 Apr 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

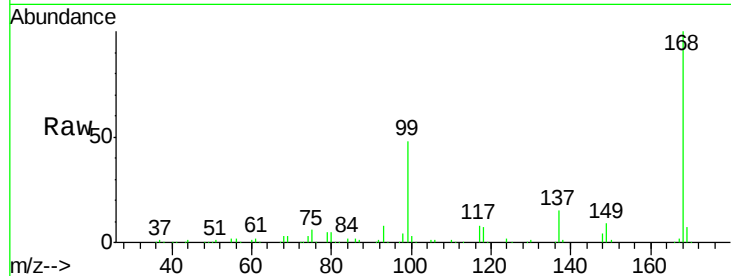
Tot Ion:117 Resp: 21613

Ion Ratio Lower Upper

117 100

119 4.4 78.4 117.6#

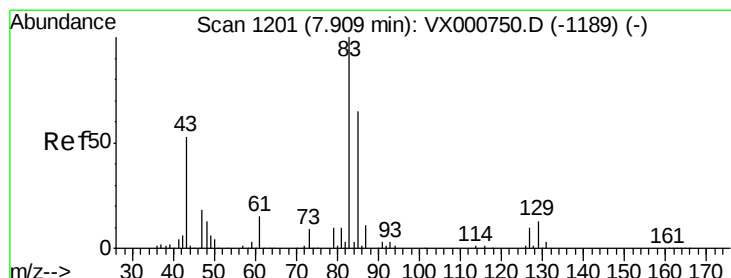
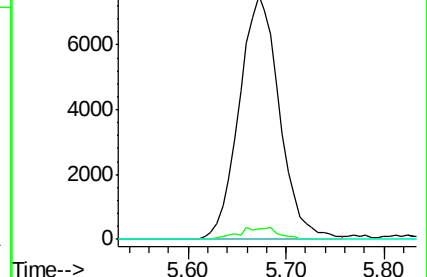
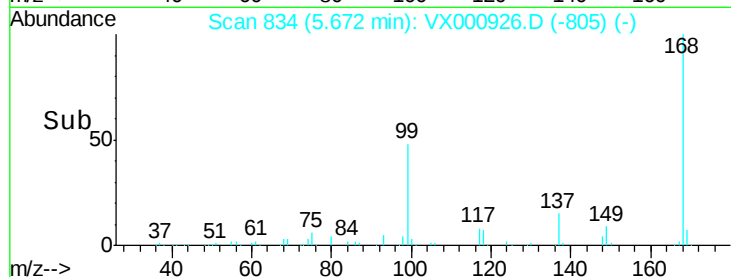
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#47

Bromodichloromethane

Concen: 0.206 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000926.D

Acq: 16 Apr 2018 18:23

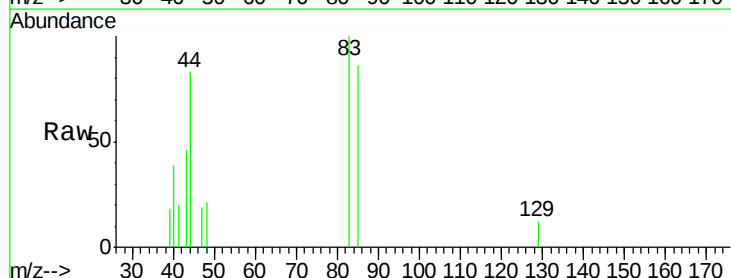
Tgt Ion: 83 Resp: 786

Ion Ratio Lower Upper

83 100

85 85.7 52.2 78.4#

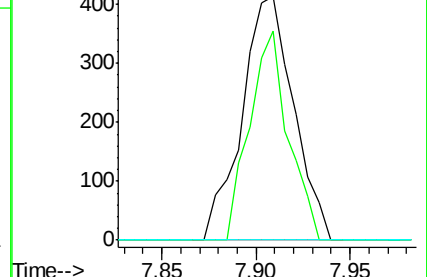
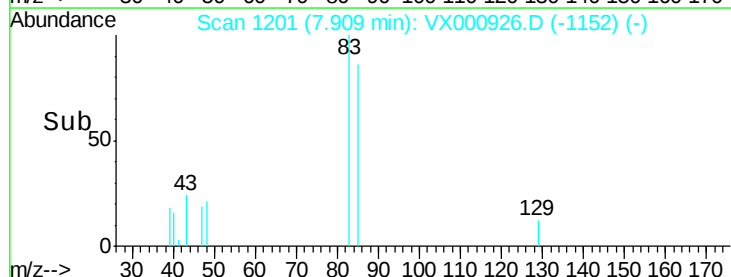
127 0.0 7.8 11.8#

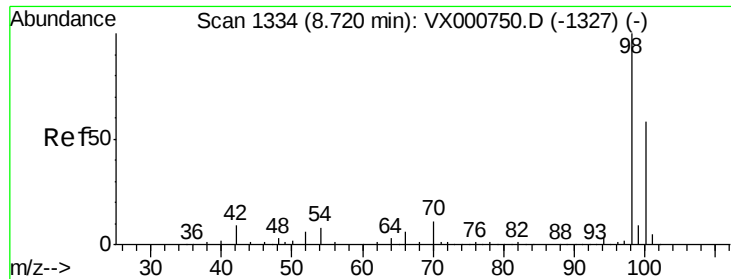


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 48.690 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000926.D

Acq: 16 Apr 2018 18:23

Instrument :

MSVOA_X

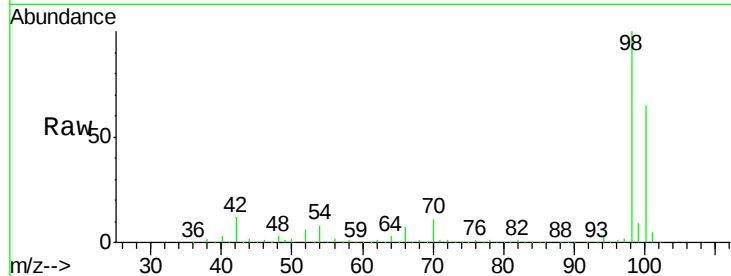
ClientSampleId :

Tot Ion: 98 Resp: 486469

Ion Ratio Lower Upper

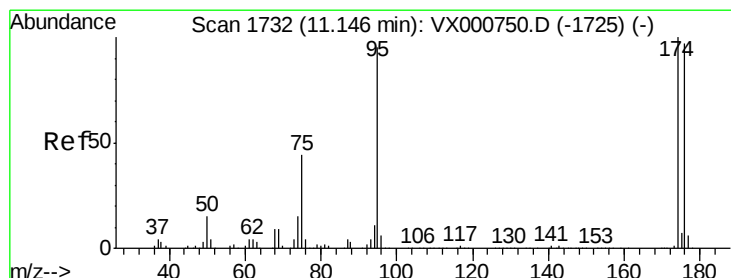
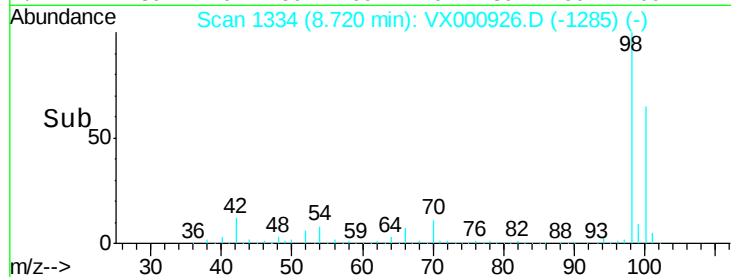
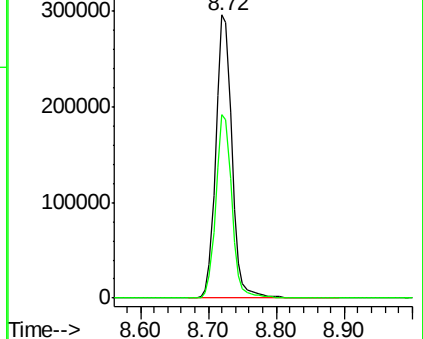
98 100

100 64.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.876 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000926.D

Acq: 16 Apr 2018 18:23

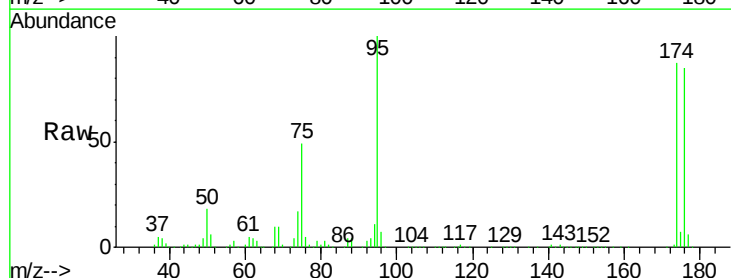
Tgt Ion: 95 Resp: 189636

Ion Ratio Lower Upper

95 100

174 97.8 0.0 198.4

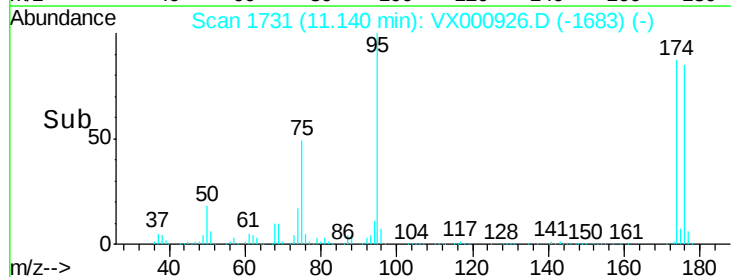
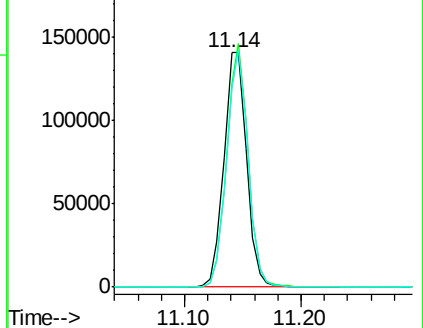
176 95.7 0.0 194.4

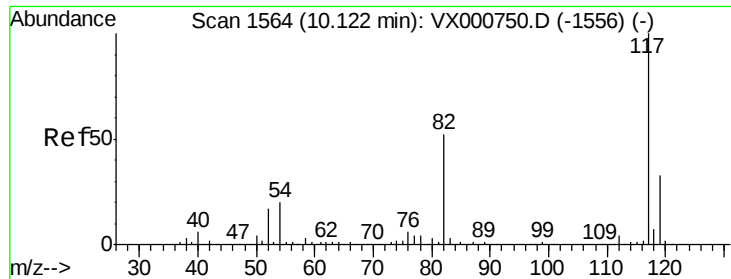


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

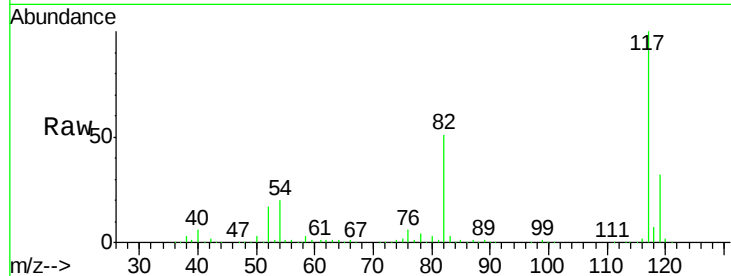




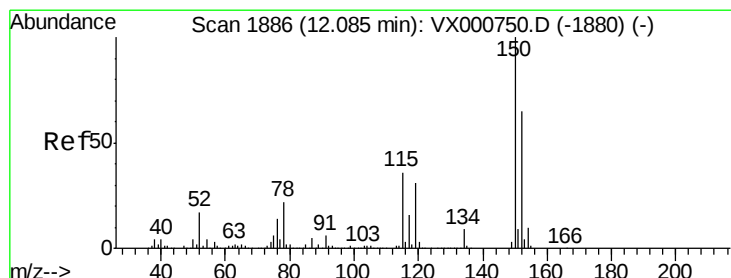
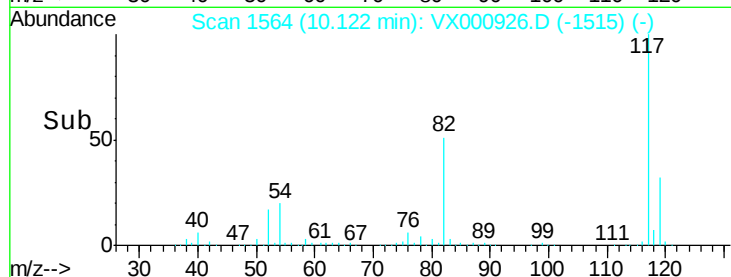
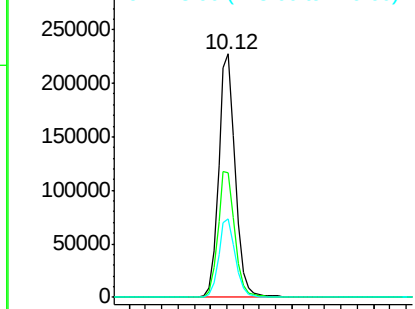
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000926.D
Acq: 16 Apr 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 324560
Ion Ratio Lower Upper
117 100
82 51.3 41.9 62.9
119 32.5 26.0 39.0

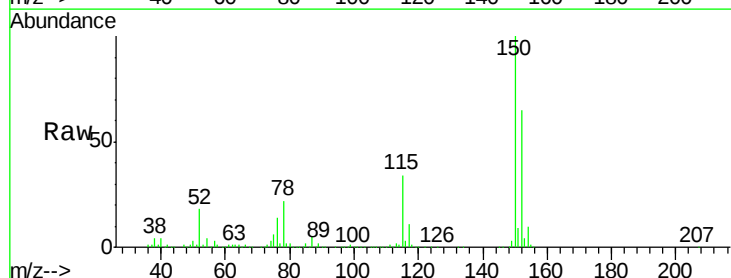


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

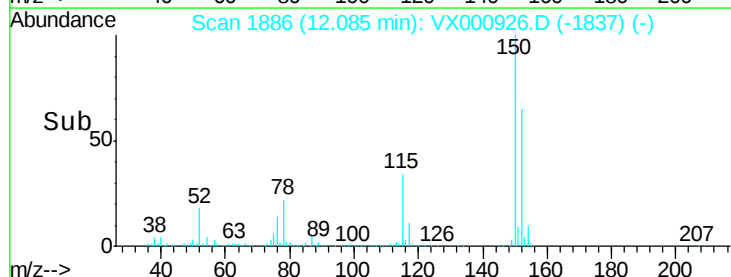
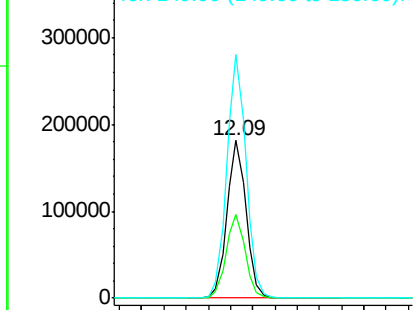


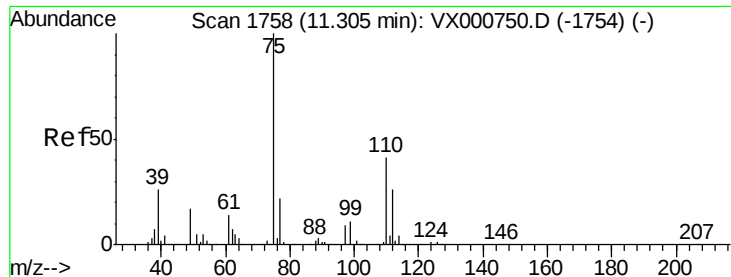
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000926.D
Acq: 16 Apr 2018 18:23

Tgt Ion:152 Resp: 214453
Ion Ratio Lower Upper
152 100
115 53.1 37.9 113.7
150 155.5 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

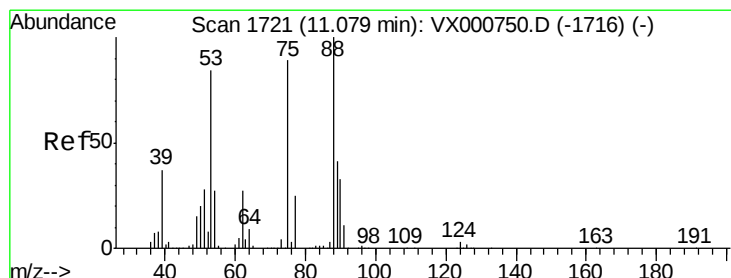
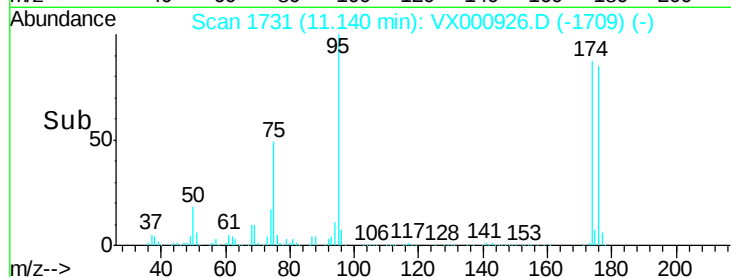
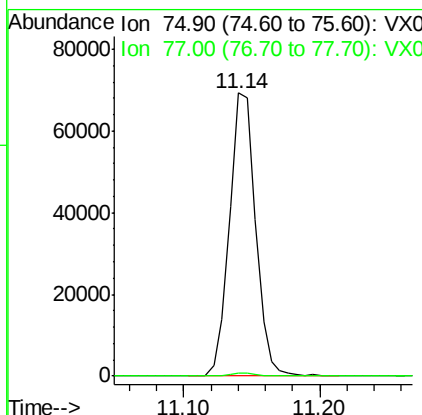
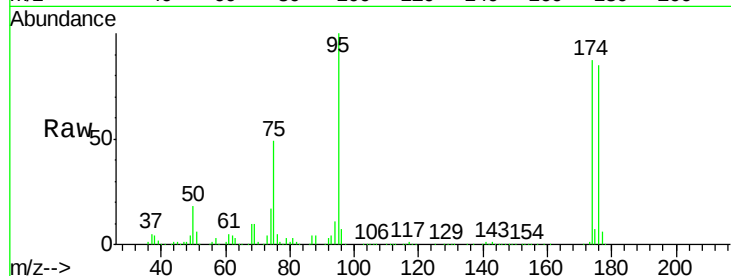




#76
 1,2,3-Trichloropropane
 Concen: 25.127 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX000926.D
 Acq: 16 Apr 2018 18:23

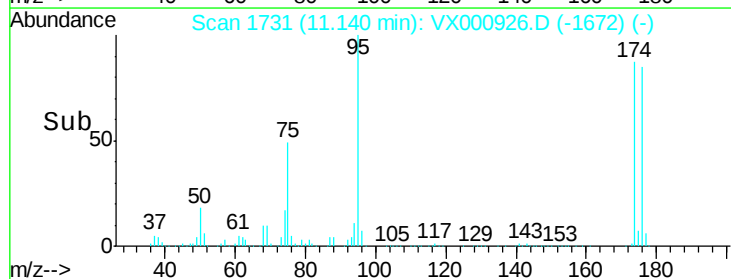
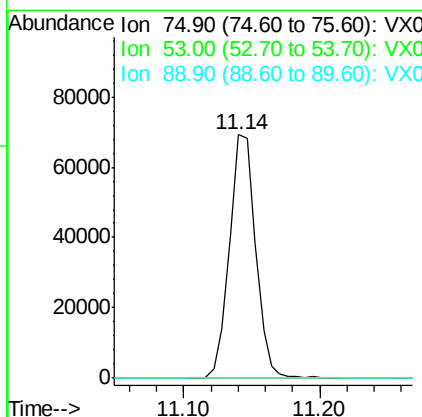
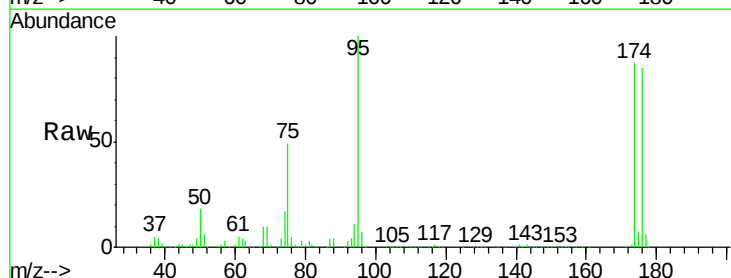
Instrument :
 MSVOA_X
 ClientSampleId :

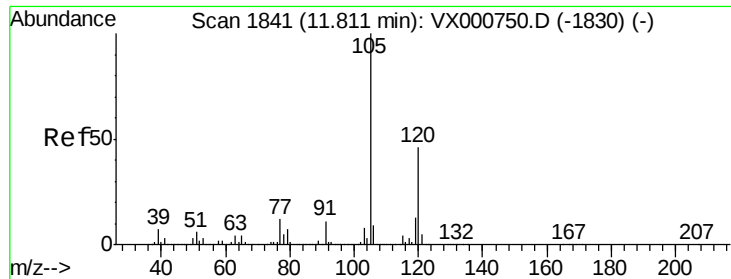
Tot Ion: 75 Resp: 92932
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.119 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX000926.D
 Acq: 16 Apr 2018 18:23

Tgt Ion: 75 Resp: 92932
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 40.9 61.3#

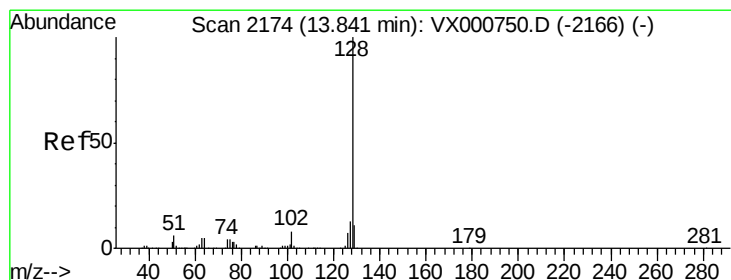
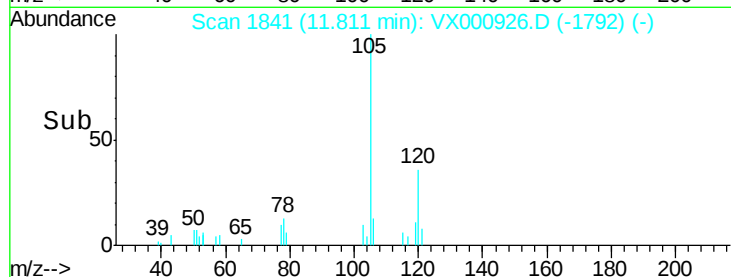
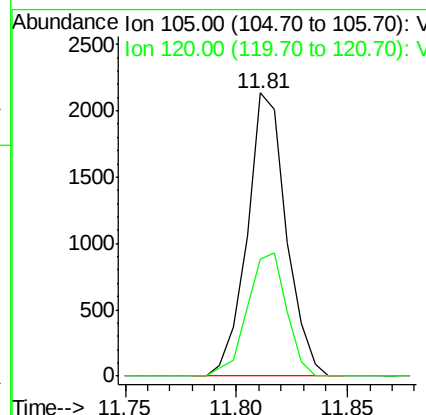
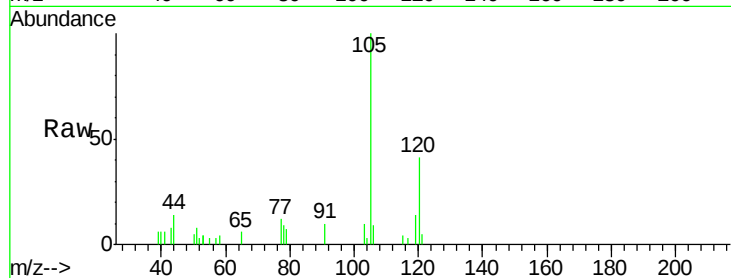




#84
 1,2,4-Trimethylbenzene
 Concen: 0.216 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000926.D
 Acq: 16 Apr 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 2612
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.1 69.3



#95
 Naphthalene
 Concen: 25.411 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000926.D
 Acq: 16 Apr 2018 18:23

Tgt Ion:128 Resp: 396521
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.4 15.6
 129 10.8 8.7 13.1

