

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072318\
 Data File : VX003592.D
 Acq On : 23 Jul 2018 09:44
 Operator : JC/SP
 Sample : VX0723WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBL01

Quant Time: Jul 24 01:38:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	299919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200714	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	158417	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
35) Dibromofluoromethane	5.50	113	147205	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	8.72	98	555125	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.14	95	185543	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

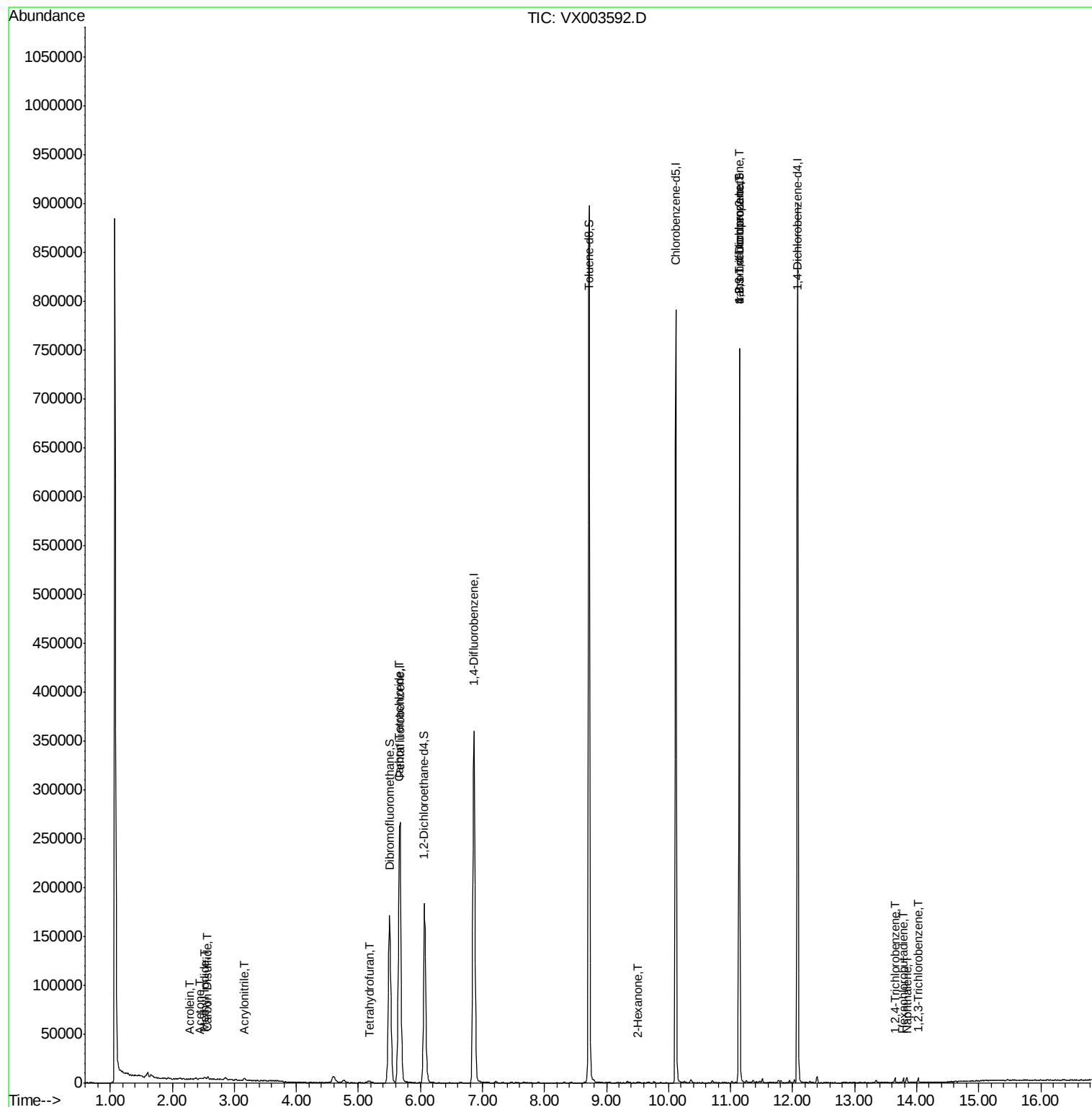
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	97	Below Cal		77
3) Chloromethane	1.32	50	697	Below Cal	#	66
5) Bromomethane	1.65	94	2035	Below Cal		84
10) Methyl Iodide	2.53	142	3128	0.783	ug/l	92
13) Acrolein	2.29	56	278	0.876	ug/l #	52
15) Acrylonitrile	3.15	53	901	0.504	ug/l #	91
16) Acetone	2.45	43	935	0.697	ug/l	94
17) Carbon Disulfide	2.57	76	3310	0.397	ug/l	96
20) Methylene Chloride	2.86	84	839	Below Cal		93
29) Tetrahydrofuran	5.17	42	1439	0.968	ug/l #	78
38) Carbon Tetrachloride	5.66	117	24297	5.926	ug/l #	15
59) 2-Hexanone	9.50	43	788	0.268	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	86142	23.890	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	86142	67.006	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.65	180	1530	0.289	ug/l	94
94) Hexachlorobutadiene	13.78	225	922	0.362	ug/l	99
95) Naphthalene	13.84	128	3796	0.273	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1593	0.304	ug/l	98

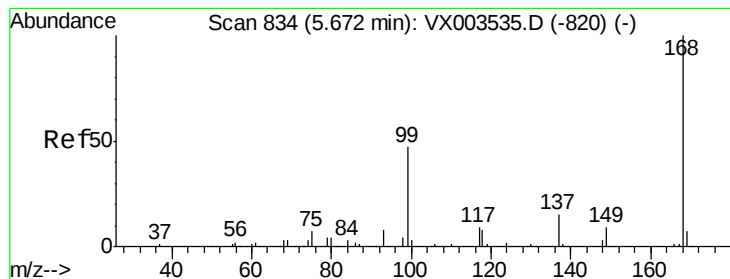
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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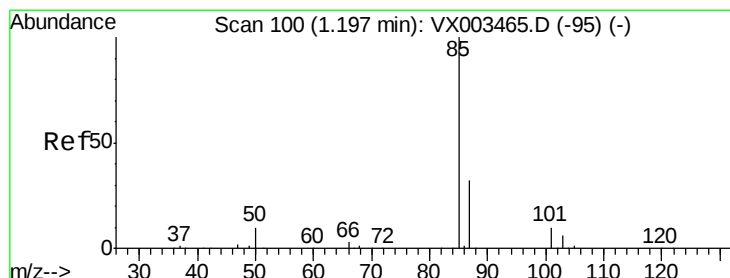
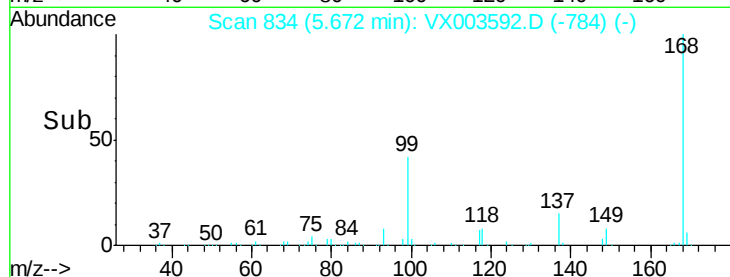
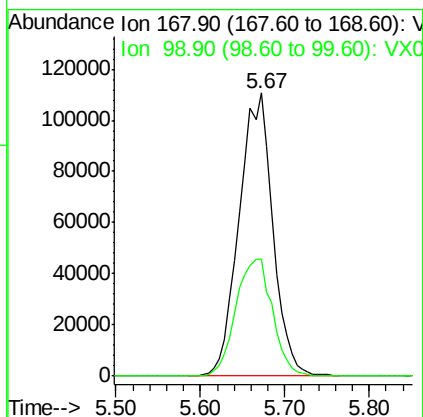
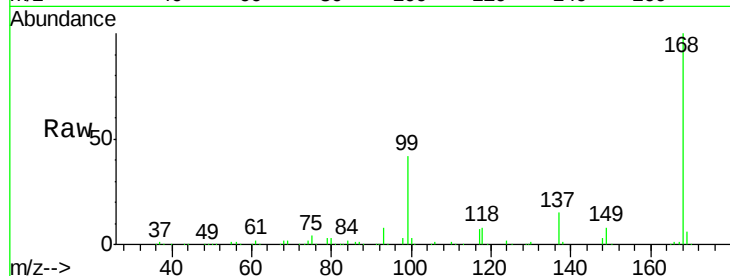




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

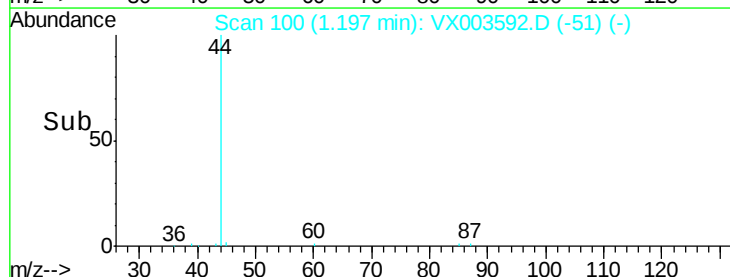
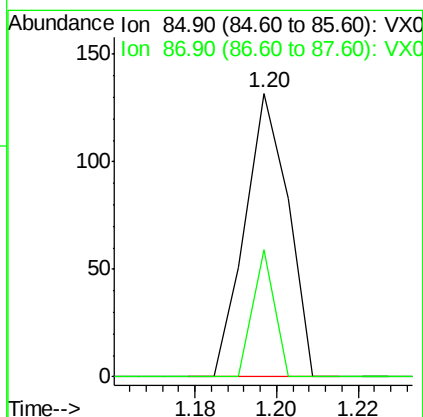
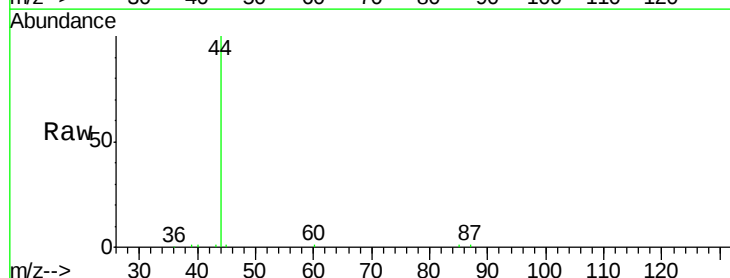
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

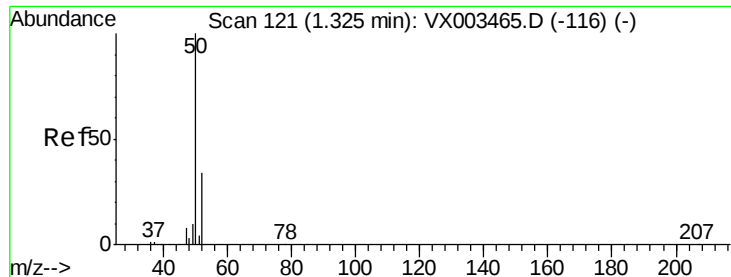
Tgt Ion: 168 Resp: 299919
Ion Ratio Lower Upper
168 100
99 41.5 39.3 58.9



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Tgt Ion: 85 Resp: 97
Ion Ratio Lower Upper
85 100
87 44.7 16.0 47.9





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003592.D

Acq: 23 Jul 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

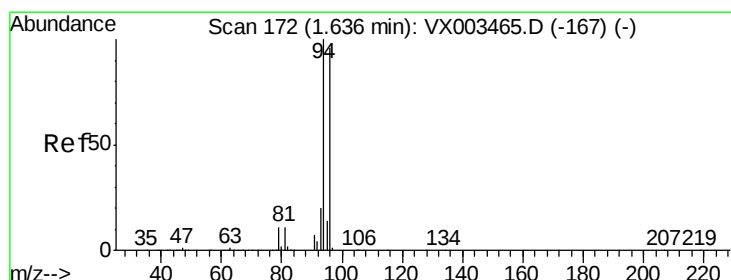
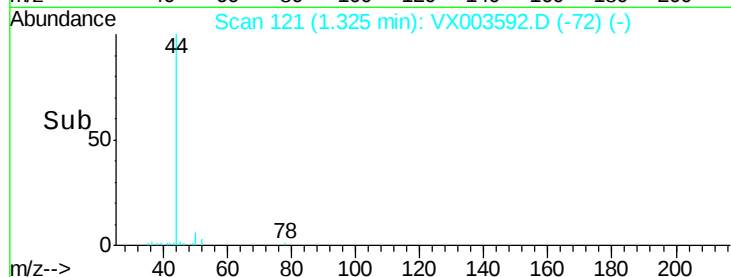
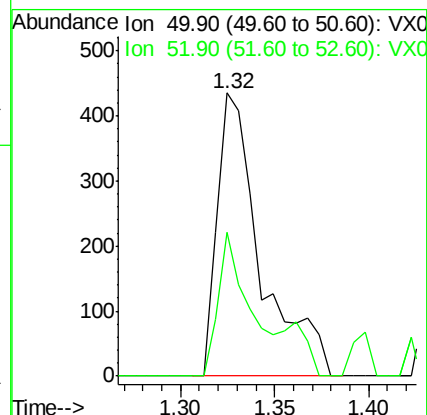
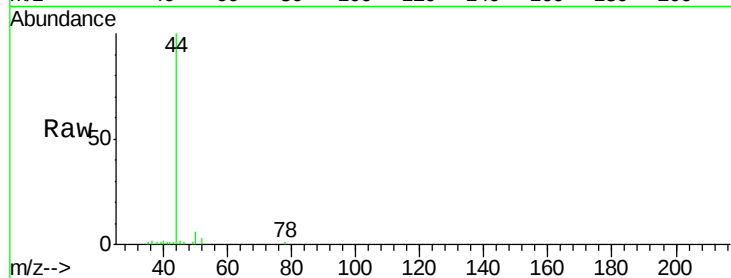
VX0723WBL01

Tgt Ion: 50 Resp: 697

Ion Ratio Lower Upper

50 100

52 51.0 25.7 38.5#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003592.D

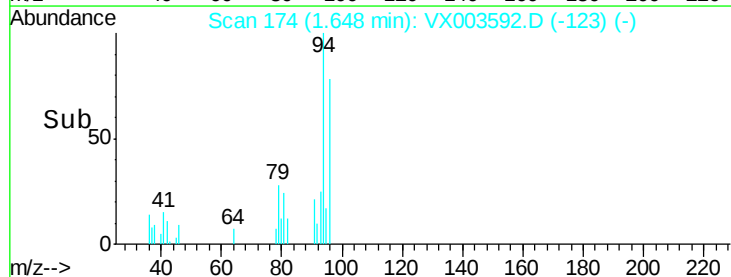
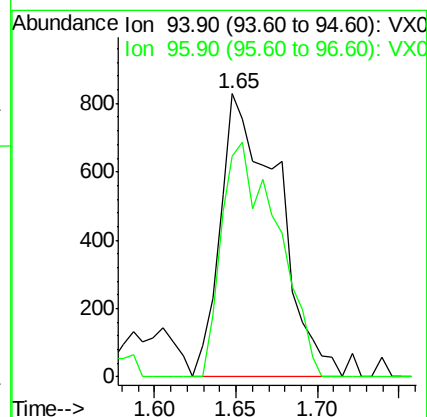
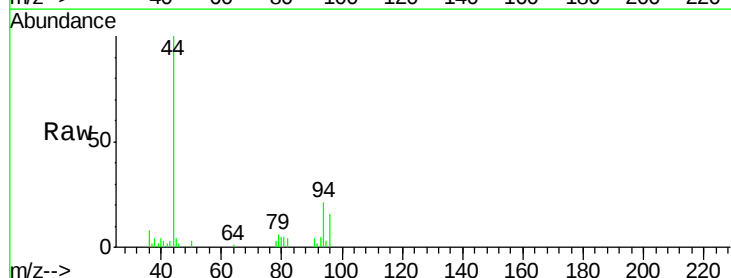
Acq: 23 Jul 2018 09:44

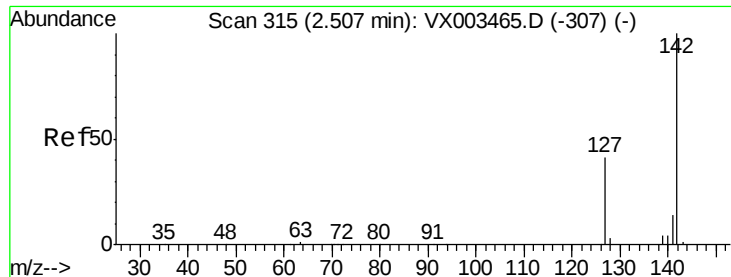
Tgt Ion: 94 Resp: 2035

Ion Ratio Lower Upper

94 100

96 78.0 74.9 112.3

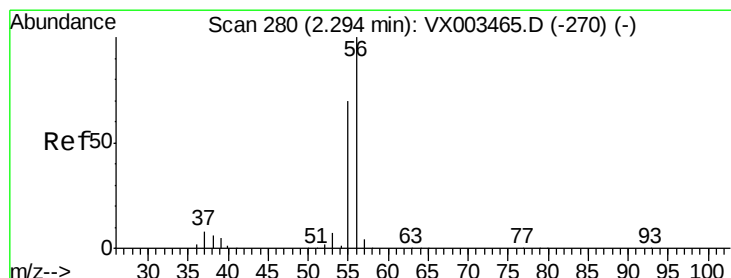
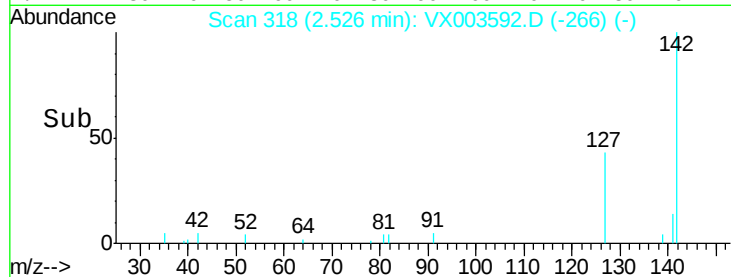
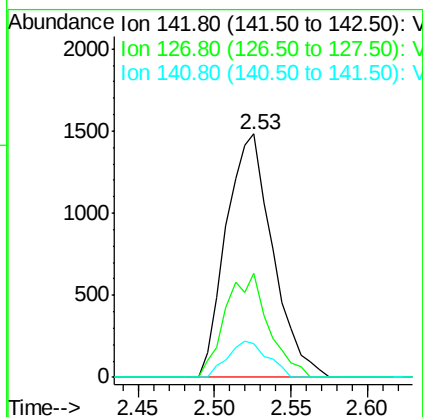
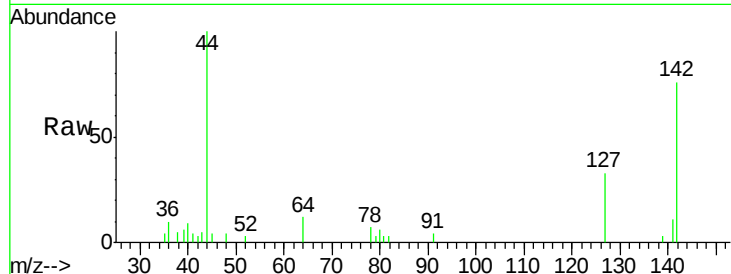




#10
Methyl Iodide
Concen: 0.783 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

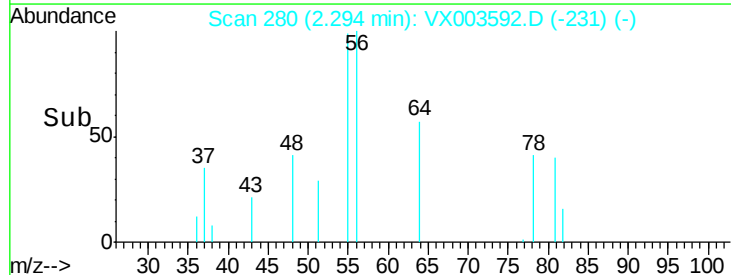
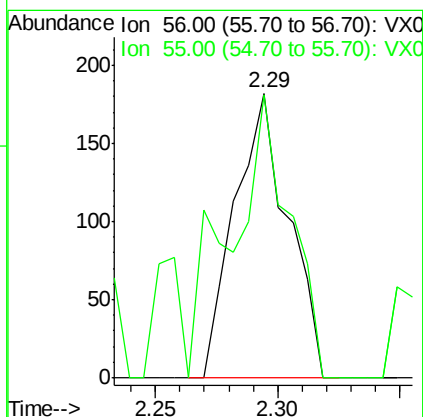
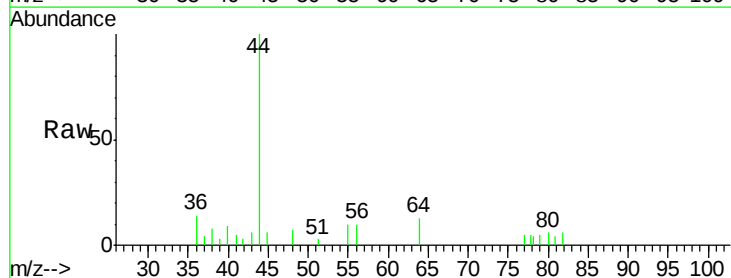
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

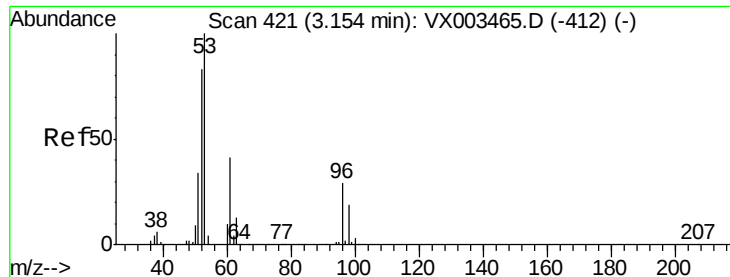
Tgt Ion: 142 Resp: 3128
Ion Ratio Lower Upper
142 100
127 39.5 36.6 55.0
141 12.9 11.3 16.9



#13
Acrolein
Concen: 0.876 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Tgt Ion: 56 Resp: 278
Ion Ratio Lower Upper
56 100
55 110.8 57.0 85.4#





#15

Acrylonitrile

Concen: 0.504 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003592.D

Acq: 23 Jul 2018 09:44

Instrument :

MSVOA_X

ClientSampled :

VX0723WBL01

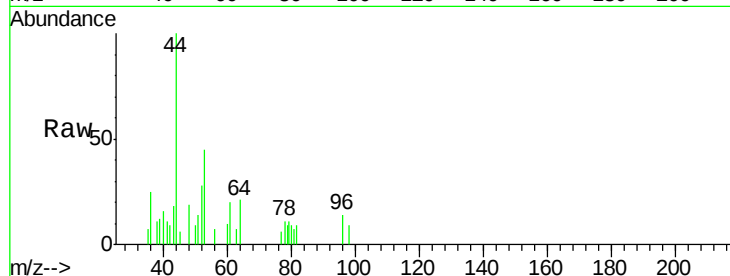
Tgt Ion: 53 Resp: 901

Ion Ratio Lower Upper

53 100

52 79.7 66.7 100.1

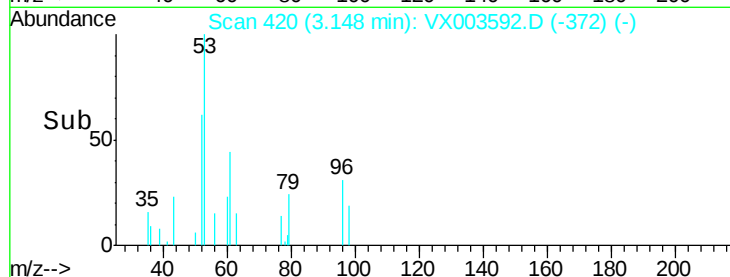
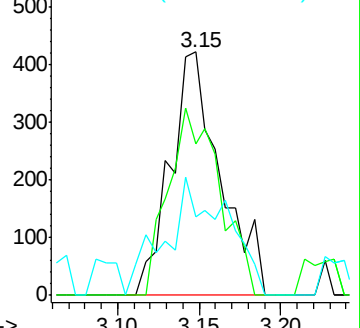
51 49.1 29.9 44.9#



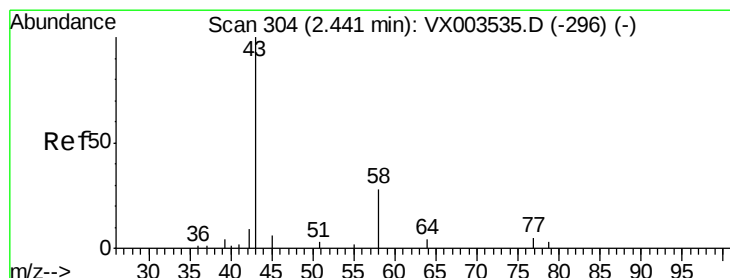
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 0.697 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003592.D

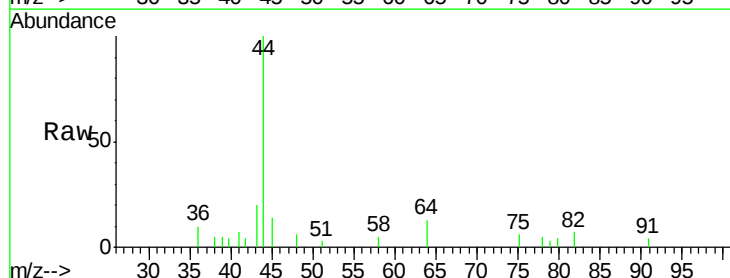
Acq: 23 Jul 2018 09:44

Tgt Ion: 43 Resp: 935

Ion Ratio Lower Upper

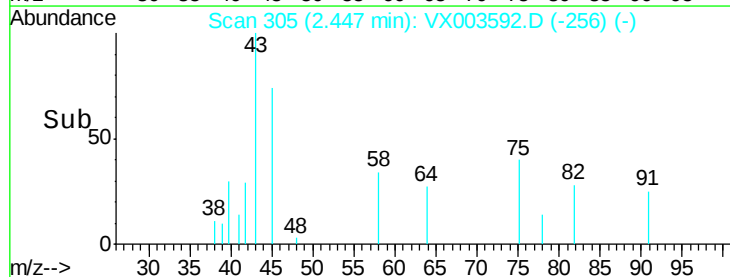
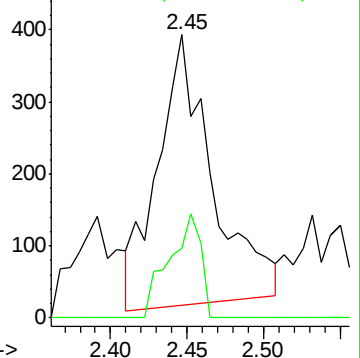
43 100

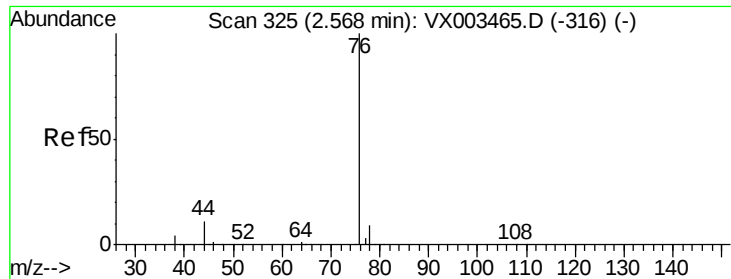
58 30.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

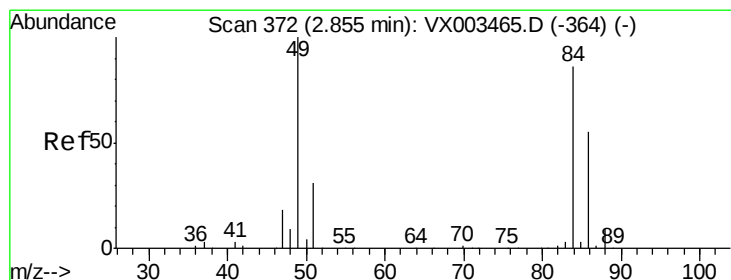
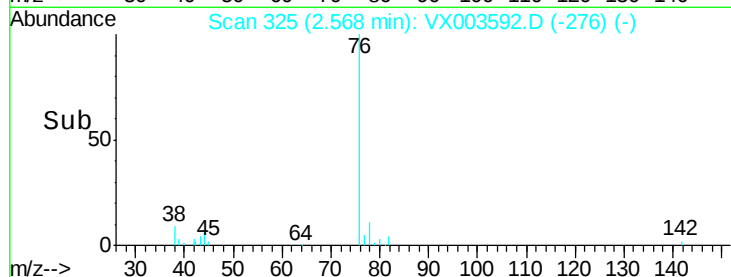
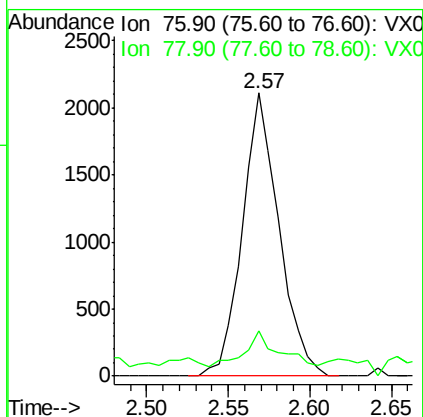
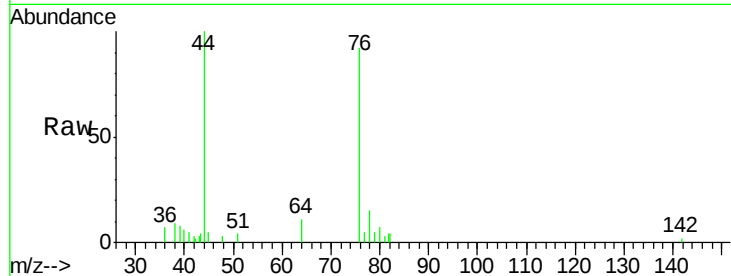




#17
Carbon Disulfide
Concen: 0.397 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

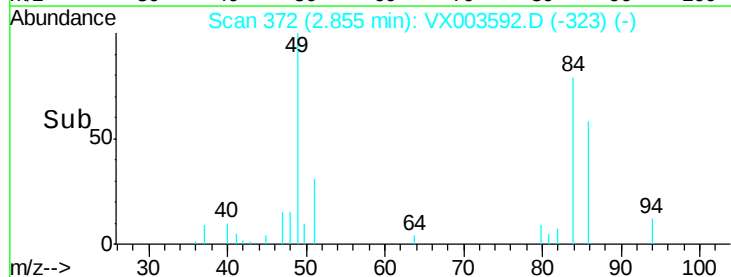
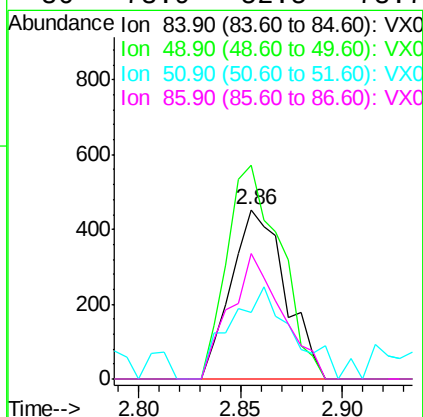
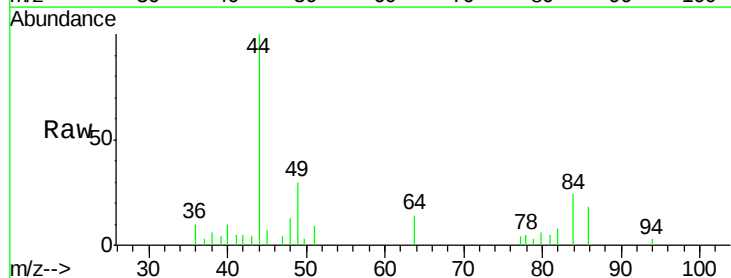
Instrument :
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ClientSampleId :
VX0723WBL01

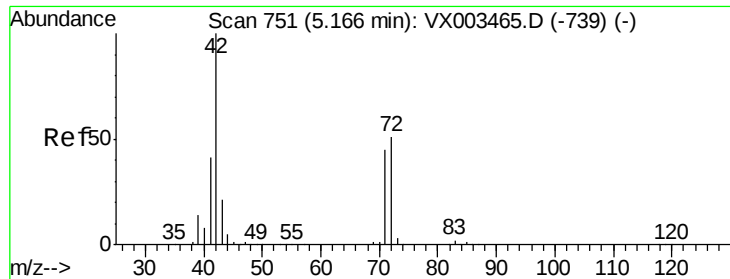
Tgt Ion: 76 Resp: 3310
Ion Ratio Lower Upper
76 100
78 10.1 6.9 10.3



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Tgt Ion: 84 Resp: 839
Ion Ratio Lower Upper
84 100
49 126.3 107.8 161.6
51 39.4 32.8 49.2
86 73.9 52.5 78.7

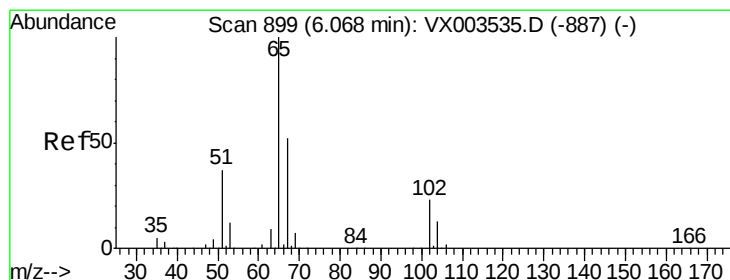
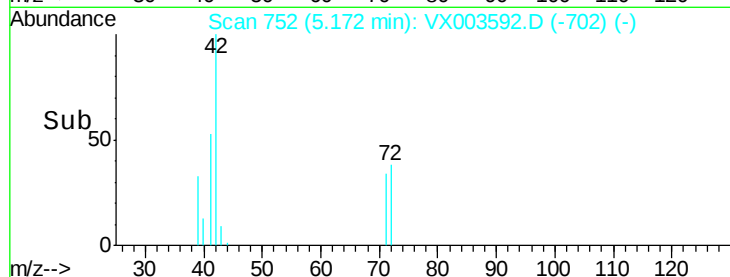
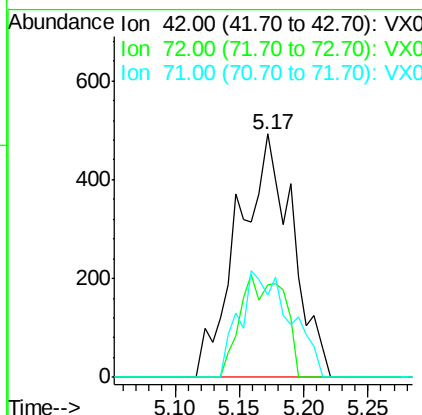
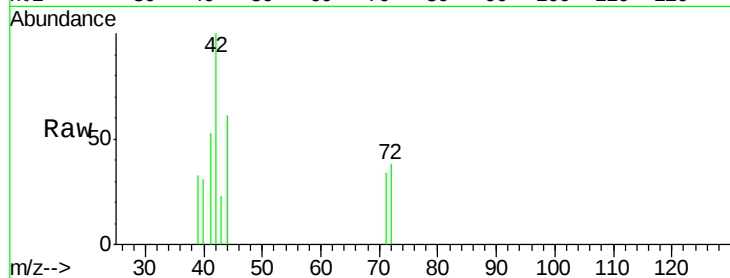




#29
Tetrahydrofuran
Concen: 0.968 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

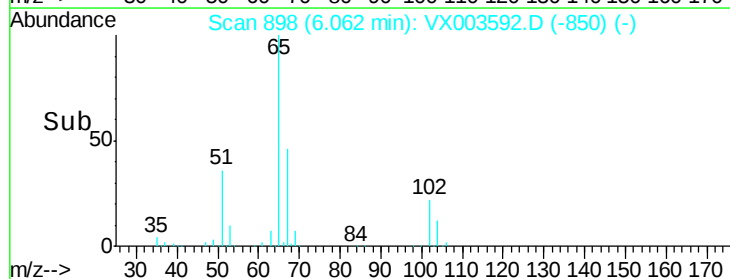
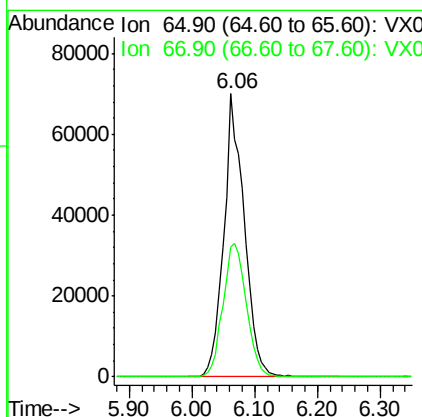
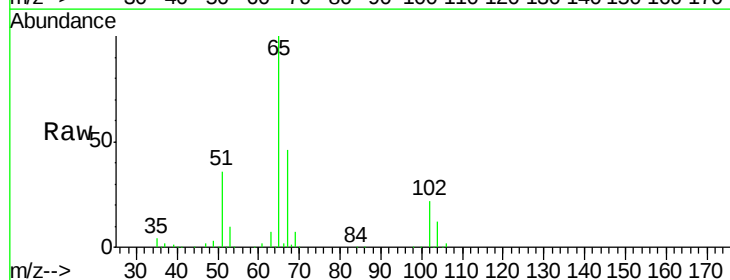
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MSVOA_X
ClientSampleId :
VX0723WBL01

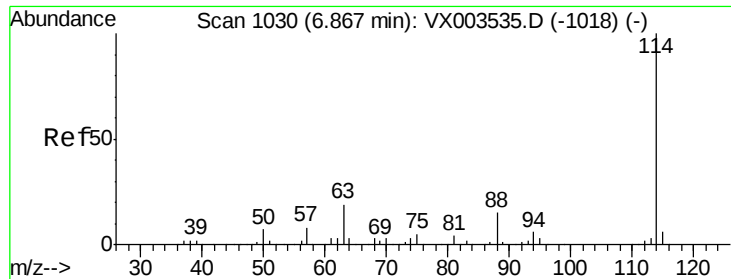
Tgt Ion: 42 Resp: 1439
Ion Ratio Lower Upper
42 100
72 16.7 32.0 48.0#
71 40.8 30.1 45.1



#33
1,2-Dichloroethane-d4
Concen: 44.622 ug/l
RT: 6.06 min Scan# 898
Delta R.T. -0.01 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Tgt Ion: 65 Resp: 158417
Ion Ratio Lower Upper
65 100
67 53.9 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003592.D

Acq: 23 Jul 2018 09:44

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBL01

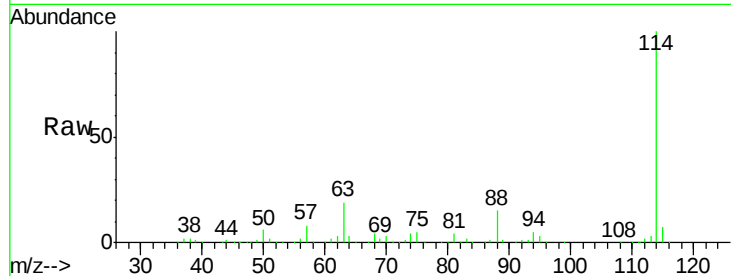
Tgt Ion:114 Resp: 387140

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

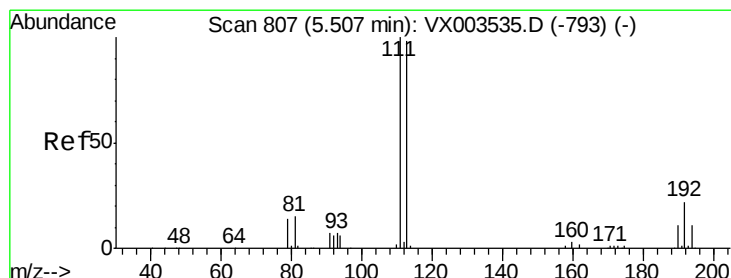
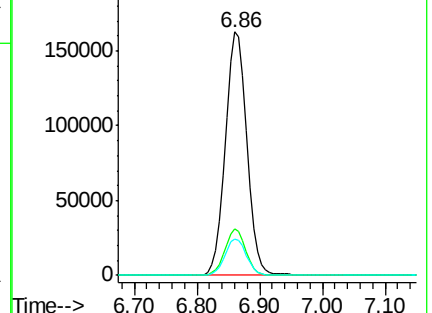
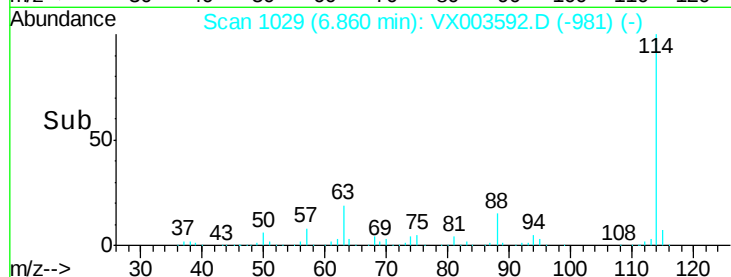
88 15.1 0.0 30.0



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: 49.921 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003592.D

Acq: 23 Jul 2018 09:44

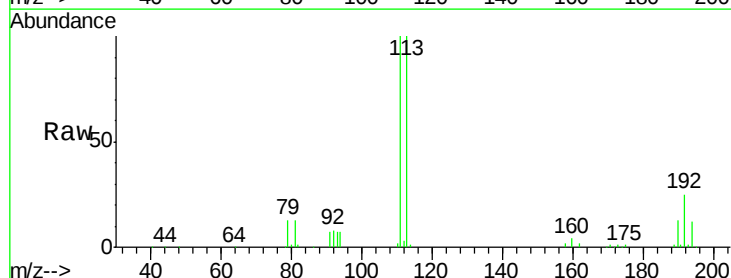
Tgt Ion:113 Resp: 147205

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

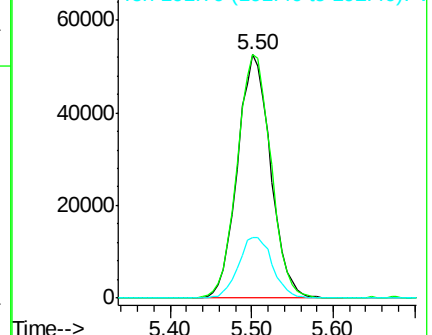
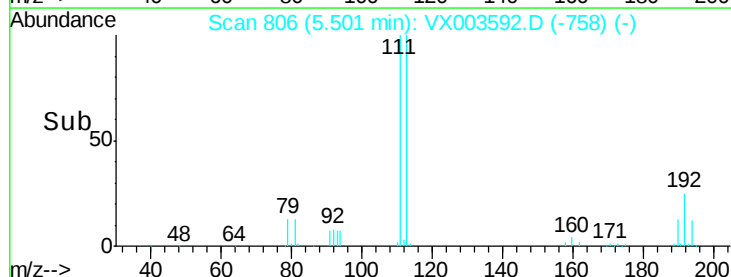
192 25.8 19.1 28.7

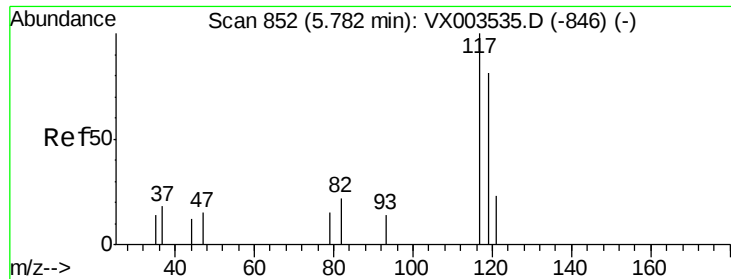


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

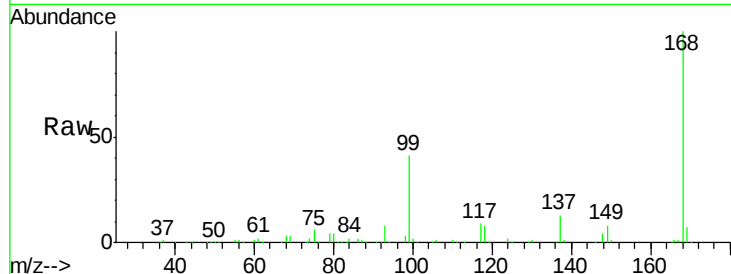




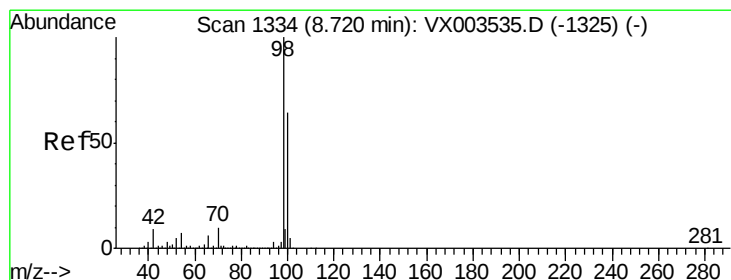
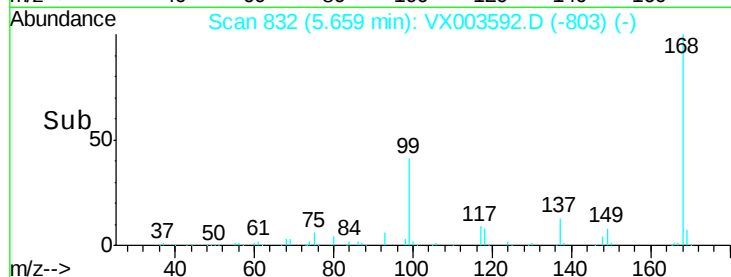
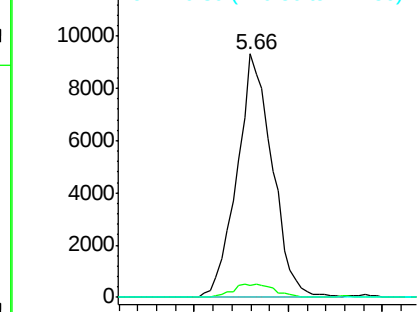
#38
Carbon Tetrachloride
Concen: 5.926 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.12 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:117 Resp: 24297
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 24.4 36.6#

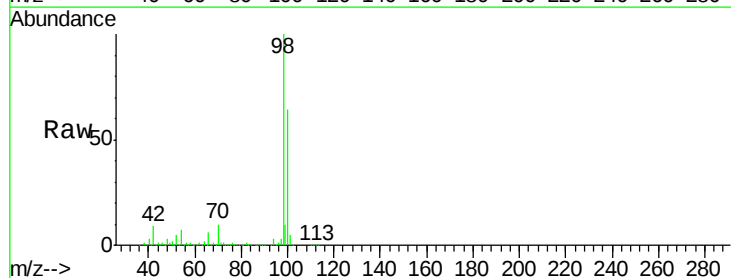


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

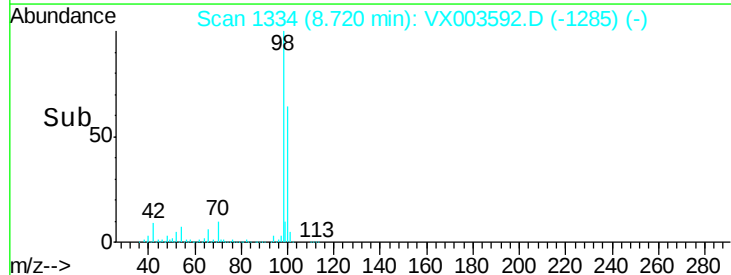
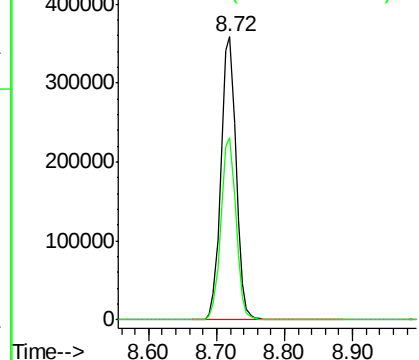


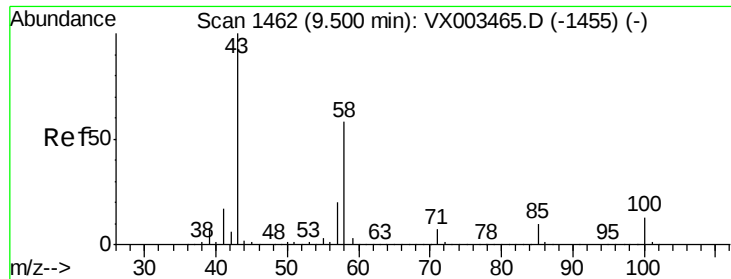
#50
Toluene-d8
Concen: 50.087 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Tgt Ion: 98 Resp: 555125
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

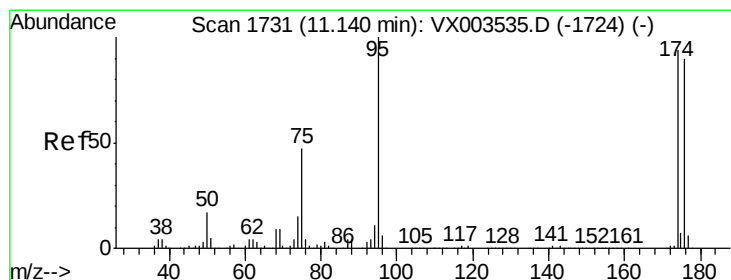
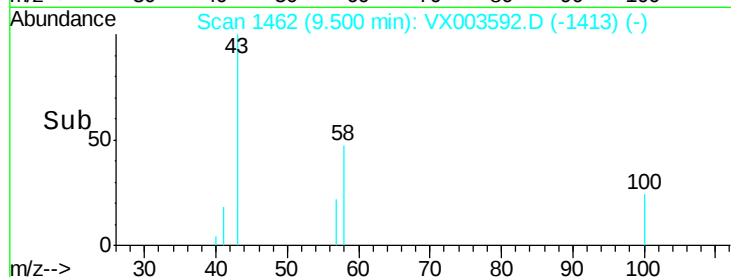
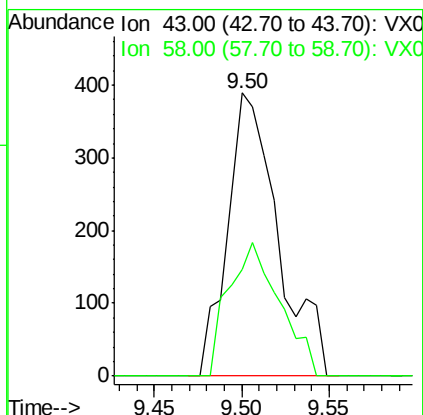
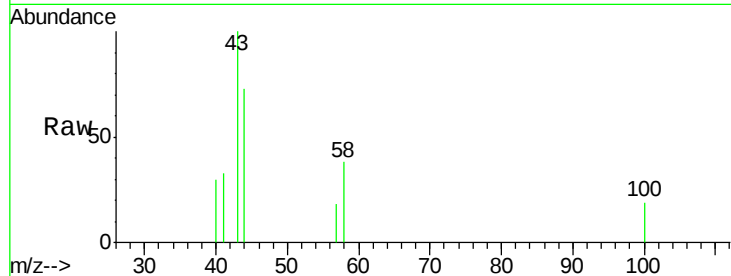




#59
2-Hexanone
Concen: 0.268 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

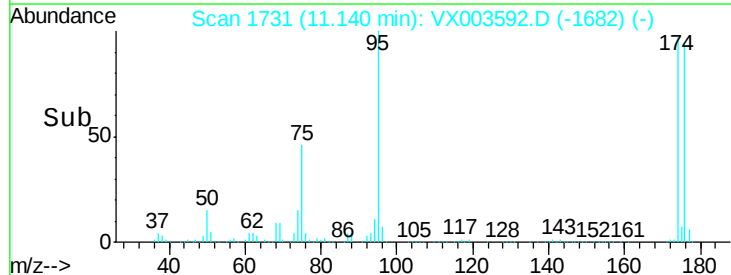
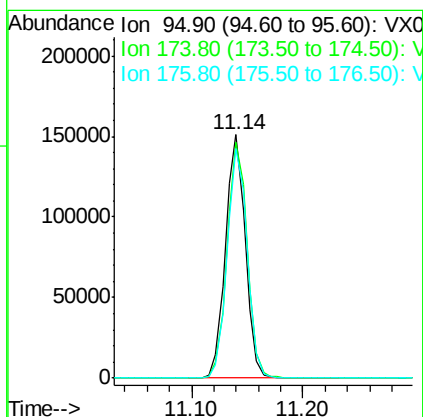
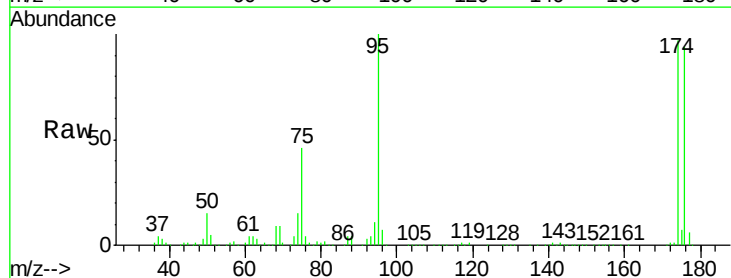
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

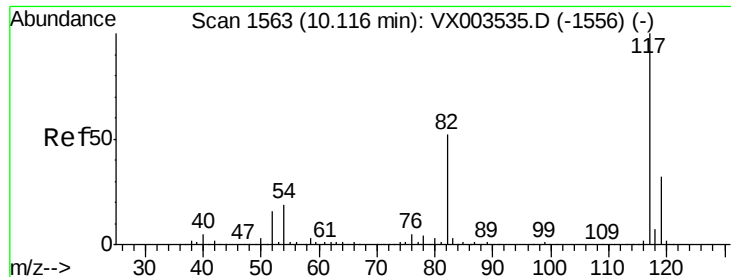
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 47.1 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 45.873 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Tgt Ion: 95 Resp: 185543
Ion Ratio Lower Upper
95 100
174 98.6 0.0 187.4
176 95.3 0.0 181.0

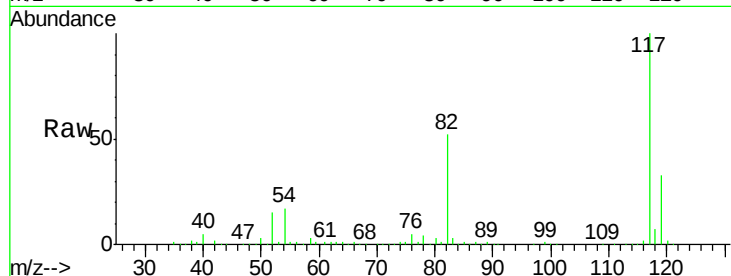




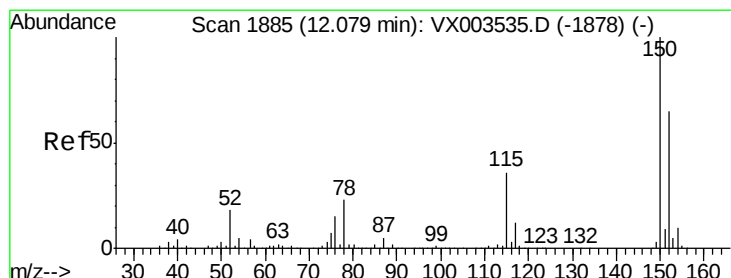
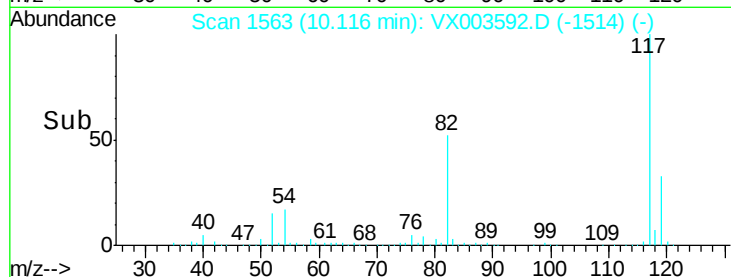
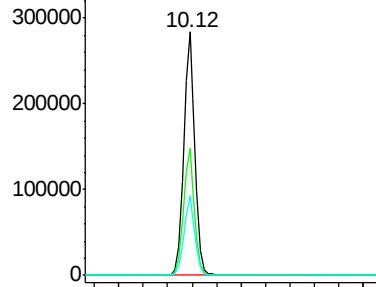
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:117 Resp: 368978
Ion Ratio Lower Upper
117 100
82 52.3 45.0 67.4
119 32.6 25.8 38.6

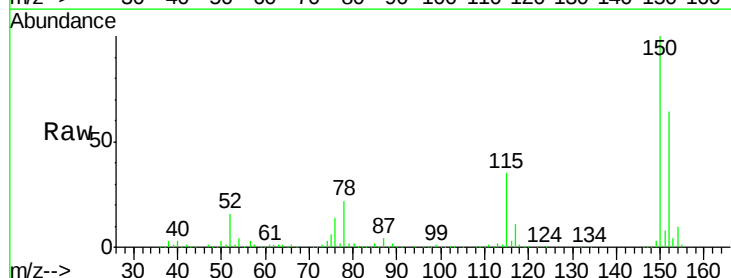


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

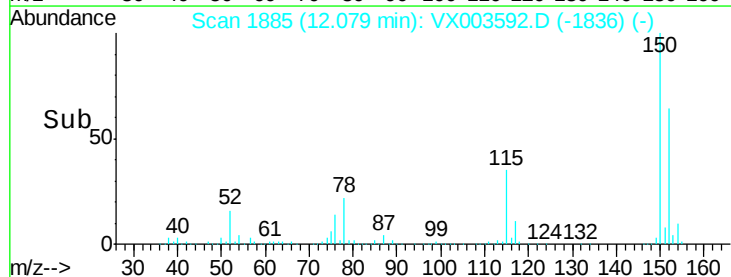
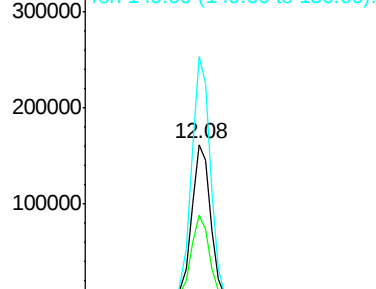


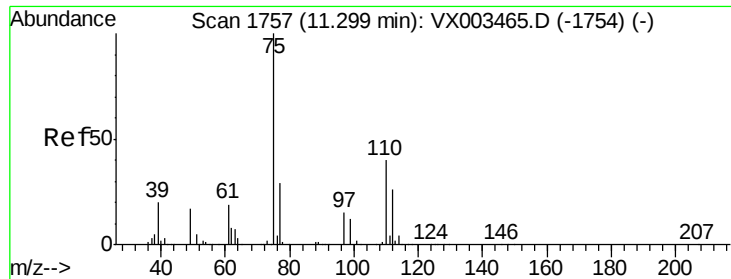
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Tgt Ion:152 Resp: 200714
Ion Ratio Lower Upper
152 100
115 53.4 40.1 120.2
150 156.1 0.0 347.2



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

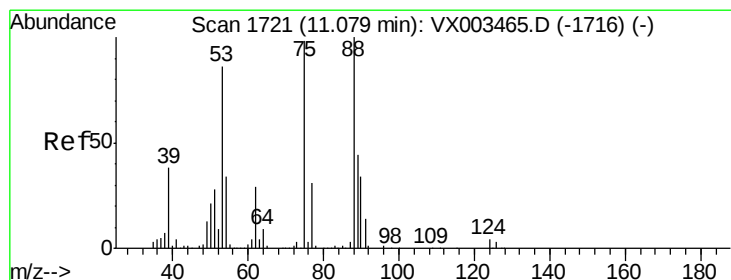
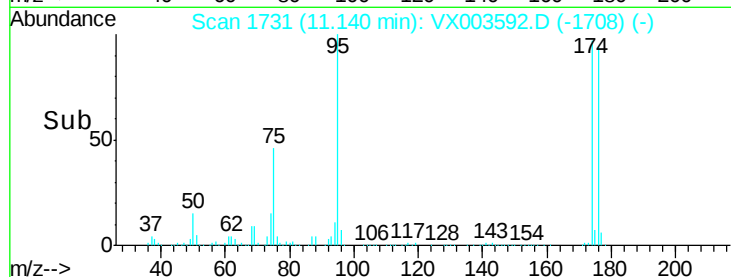
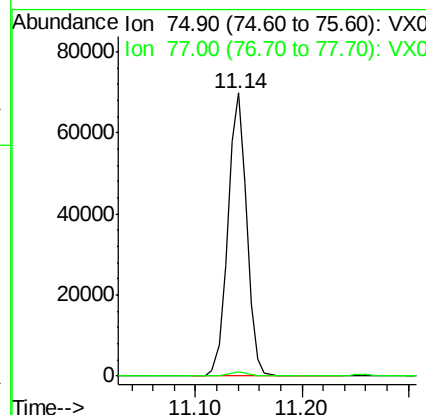
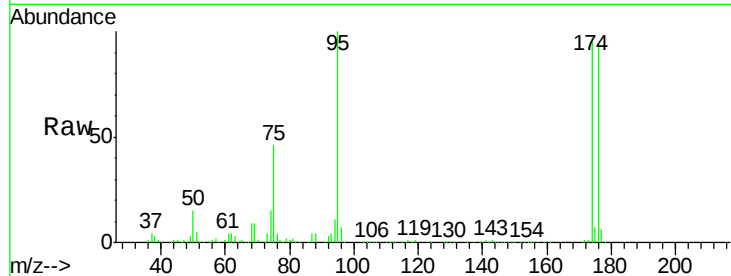




#76
 1,2,3-Trichloropropane
 Concen: 23.890 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003592.D
 Acq: 23 Jul 2018 09:44

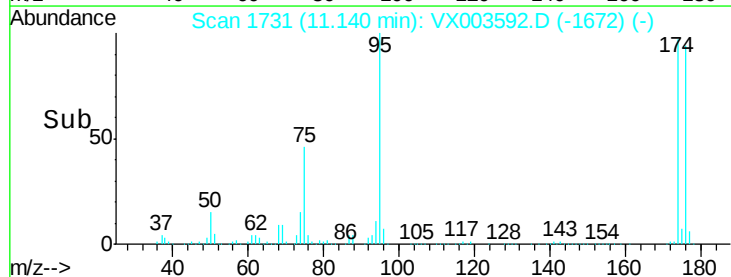
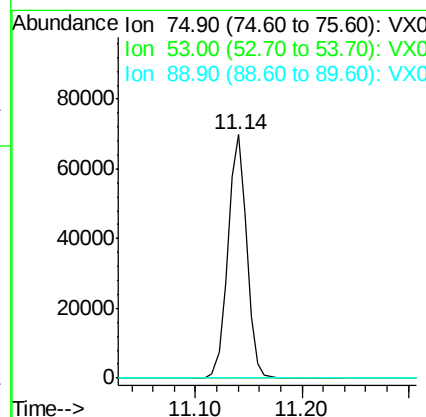
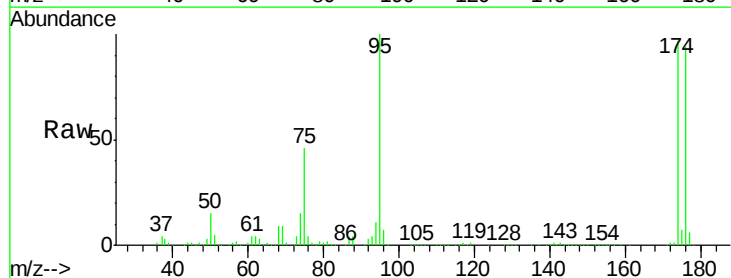
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBL01

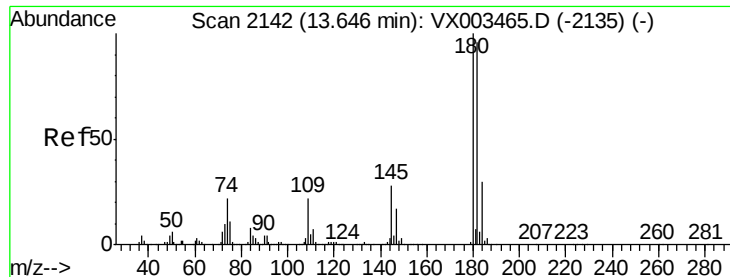
Tgt Ion: 75 Resp: 86142
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.8 68.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.006 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003592.D
 Acq: 23 Jul 2018 09:44

Tgt Ion: 75 Resp: 86142
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.8 130.2#
 89 0.0 38.2 57.2#

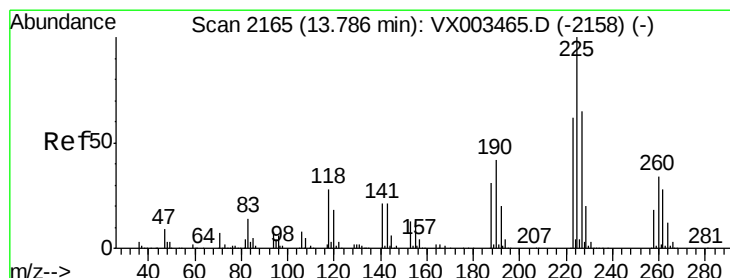
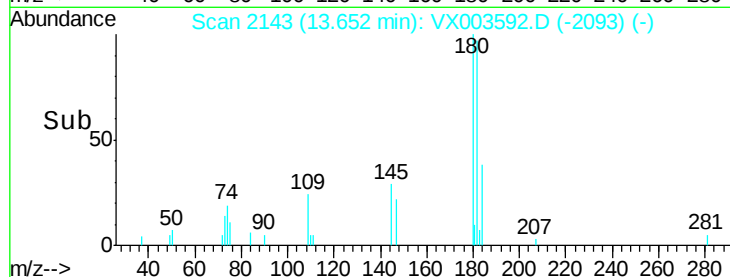
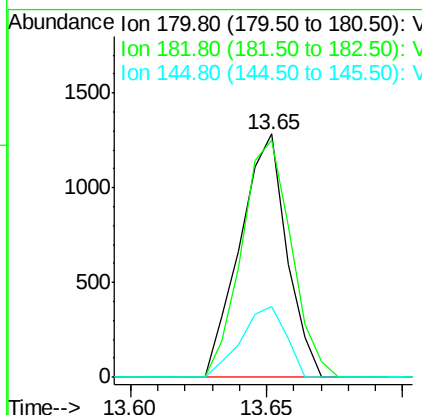
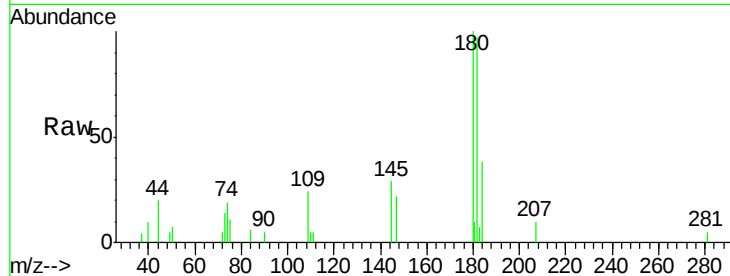




#93
 1,2,4-Trichlorobenzene
 Concen: 0.289 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003592.D
 Acq: 23 Jul 2018 09:44

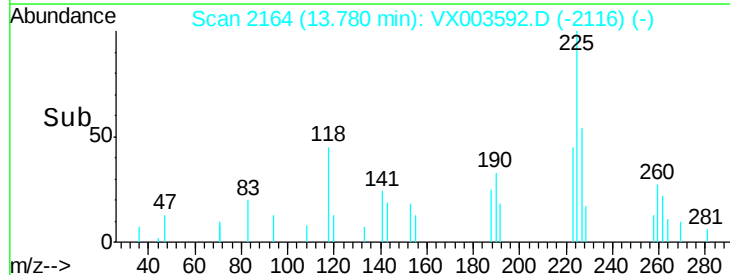
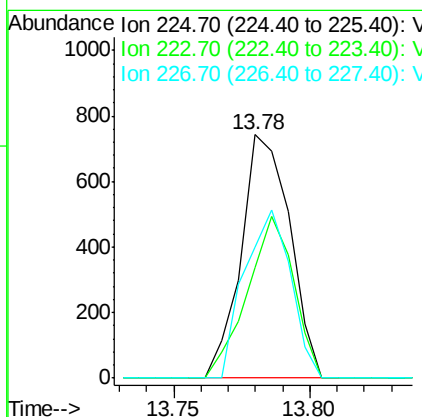
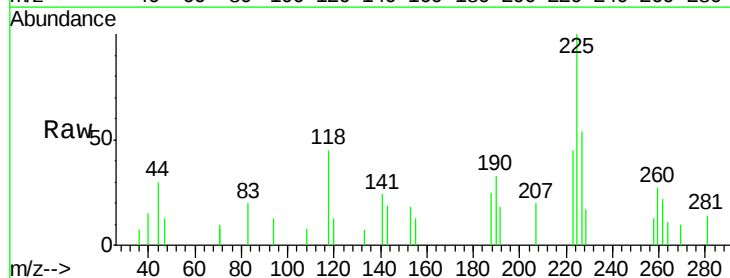
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBL01

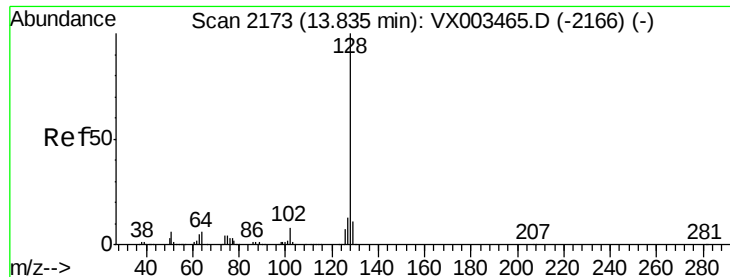
Tgt Ion:180 Resp: 1530
 Ion Ratio Lower Upper
 180 100
 182 103.4 47.7 143.1
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 0.362 ug/l
 RT: 13.78 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: VX003592.D
 Acq: 23 Jul 2018 09:44

Tgt Ion:225 Resp: 922
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.6 95.0
 227 65.7 32.4 97.2

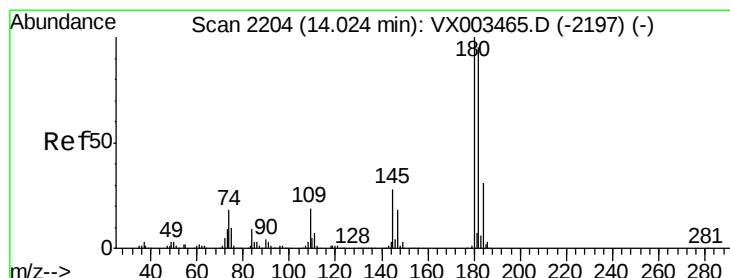
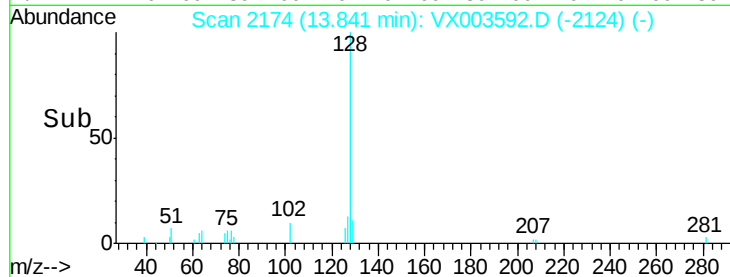
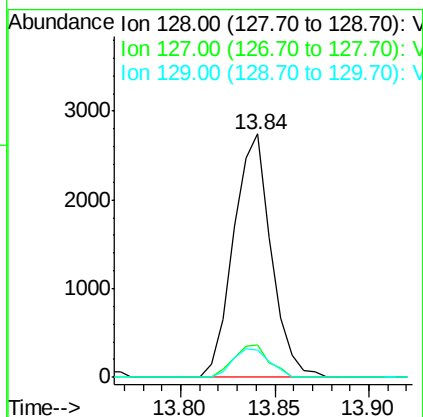
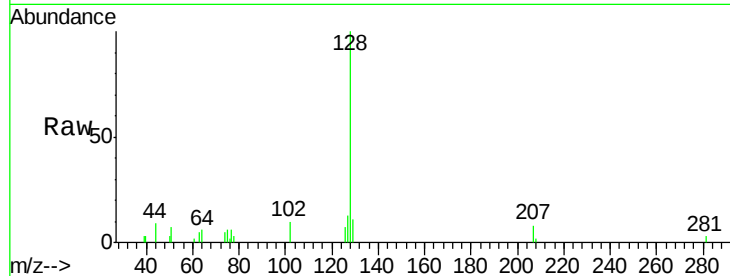




#95
Naphthalene
Concen: 0.273 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBL01

Tgt Ion:128 Resp: 3796
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.304 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003592.D
Acq: 23 Jul 2018 09:44

Tgt Ion:180 Resp: 1593
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.0
145 32.5 14.8 44.3

