

Data File : VX007334.D
Acq On : 01 Feb 2019 14:05
Operator : JC/SP
Sample : VX0201WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

Quant Time: Feb 02 01:43:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	521369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	799428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	740695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370685	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	277230	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	5.50	113	254952	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.71	98	947472	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	336590	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

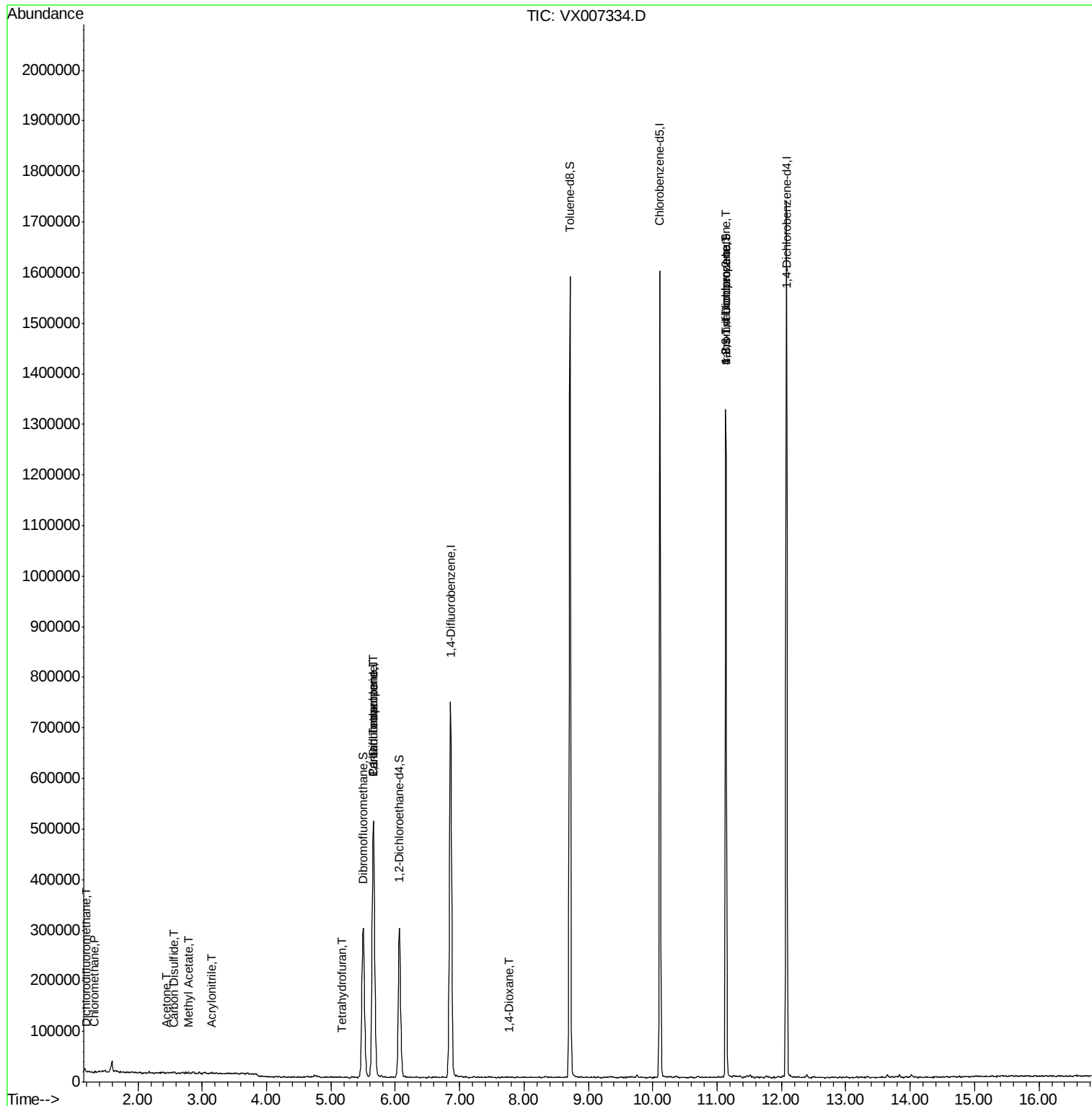
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.20	85	266	0.219 ug/l #		47
3) Chloromethane	1.33	50	1578	0.269 ug/l #		80
5) Bromomethane	1.67	94	1475	Below Cal #		80
15) Acrylonitrile	3.15	53	1317	0.465 ug/l #		82
16) Acetone	2.45	43	888	0.350 ug/l #		52
17) Carbon Disulfide	2.57	76	3748	2.397 ug/l #		78
18) Methyl Acetate	2.78	43	1397	0.802 ug/l		93
20) Methylene Chloride	2.87	84	1748	Below Cal #		62
29) Tetrahydrofuran	5.17	42	1091	0.481 ug/l		94
36) 1,1-Dichloropropene	5.66	75	33143	4.621 ug/l #		48
38) Carbon Tetrachloride	5.66	117	46392	6.667 ug/l #		16
49) 1,4-Dioxane	7.76	88	400	9.999 ug/l #		1
76) 1,2,3-Trichloropropane	11.13	75	162739	22.570 ug/l #		32
81) trans-1,4-Dichloro-2-buten	11.13	75	162739	68.092 ug/l #		9

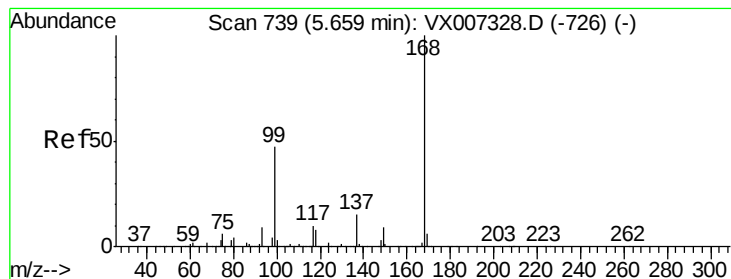
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007334.D

Acq: 01 Feb 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

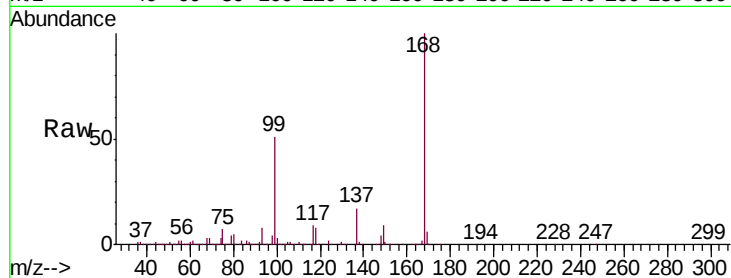
VX0201WBL01

Tgt Ion:168 Resp: 521369

Ion Ratio Lower Upper

168 100

99 51.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

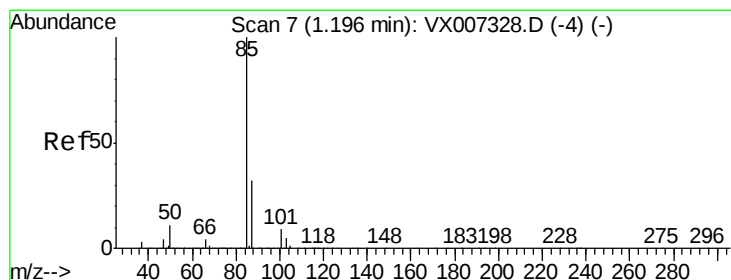
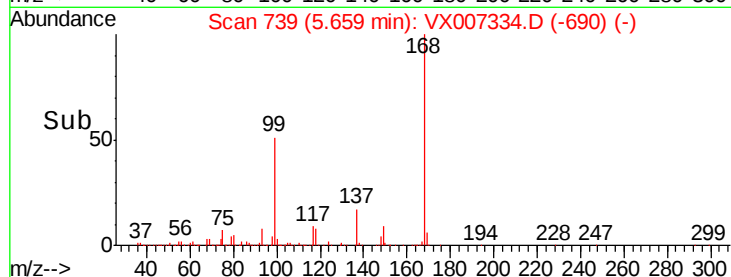
100000

50000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.219 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007334.D

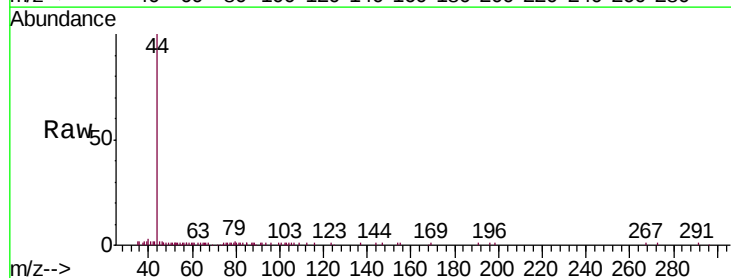
Acq: 01 Feb 2019 14:05

Tgt Ion: 85 Resp: 266

Ion Ratio Lower Upper

85 100

87 2.3 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300

250

200

150

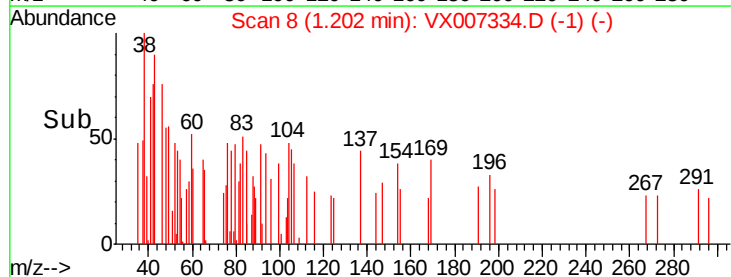
100

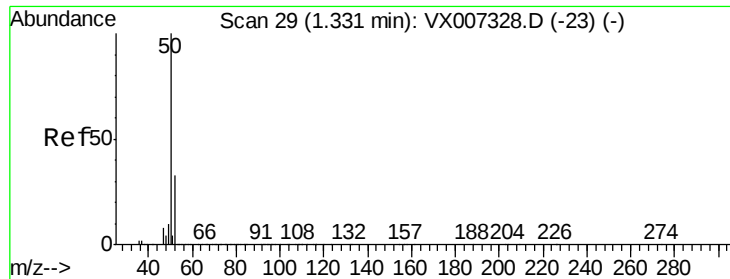
50

0

1.16 1.18 1.20 1.22

Time-->





#3

Chloromethane

Concen: 0.269 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007334.D

Acq: 01 Feb 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

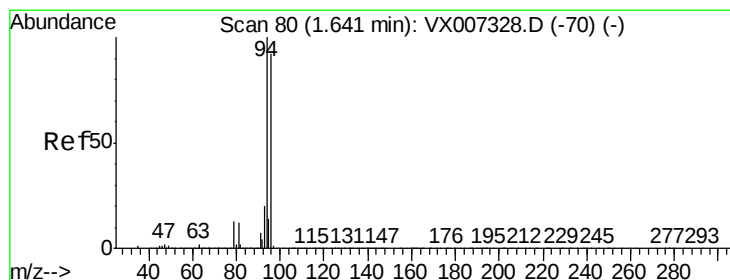
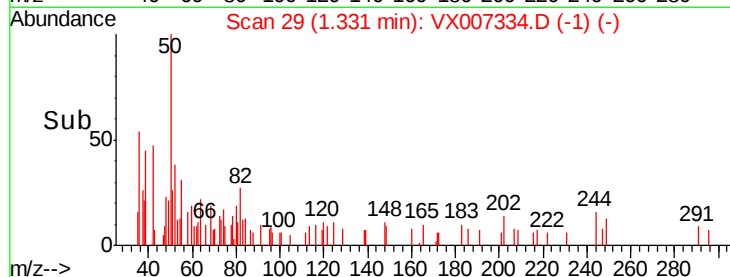
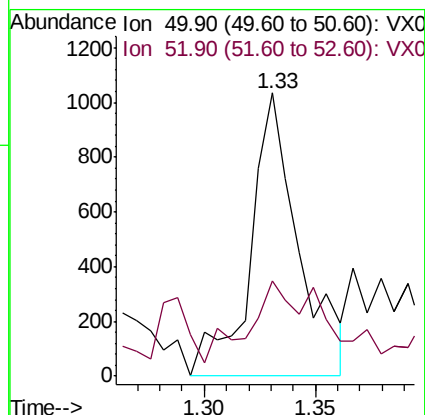
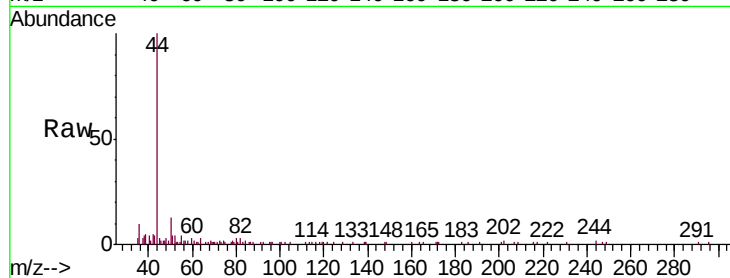
VX0201WBL01

Tgt Ion: 50 Resp: 1578

Ion Ratio Lower Upper

50 100

52 21.4 26.1 39.1#



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 84

Delta R.T. 0.02 min

Lab File: VX007334.D

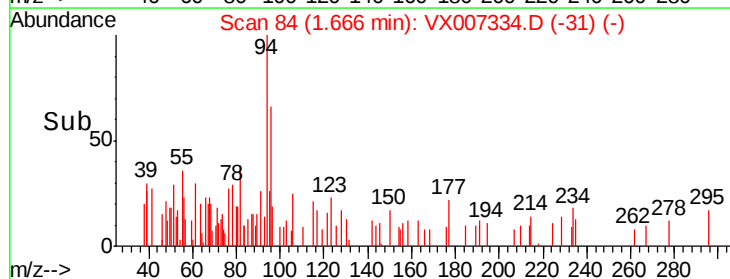
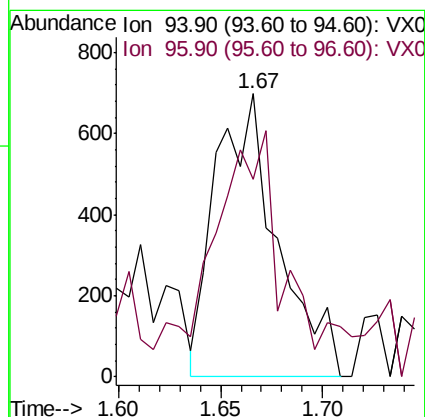
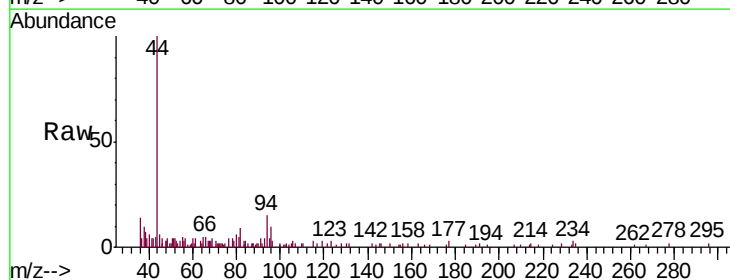
Acq: 01 Feb 2019 14:05

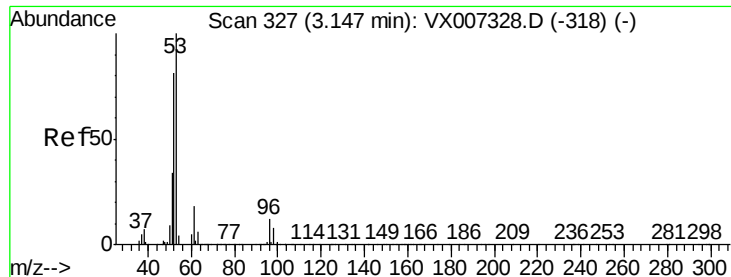
Tgt Ion: 94 Resp: 1475

Ion Ratio Lower Upper

94 100

96 73.4 73.9 110.9#





#15

Acrylonitrile

Concen: 0.465 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007334.D

Acq: 01 Feb 2019 14:05

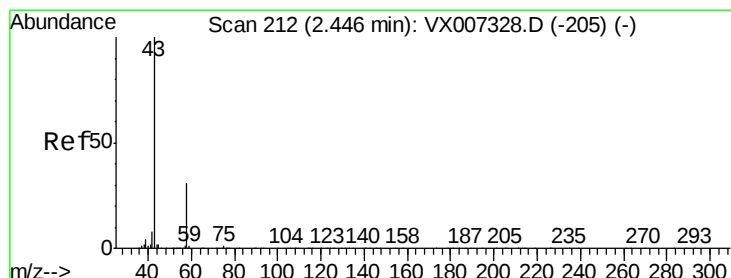
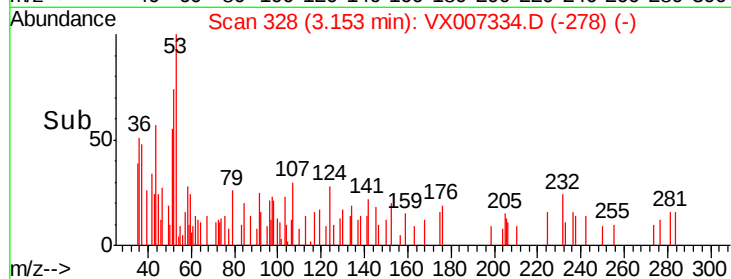
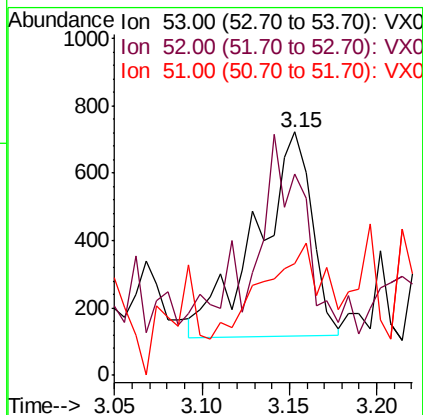
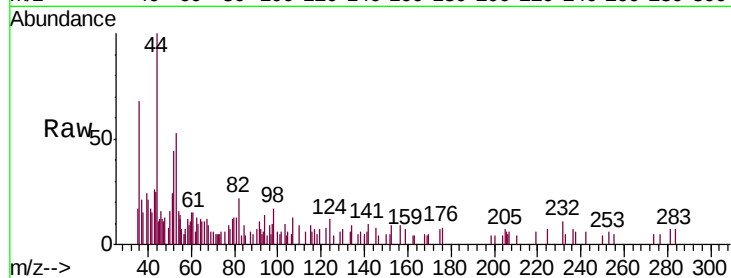
Instrument :

MSVOA_X

ClientSampleId :

VX0201WBL01

Tgt Ion:	53	Resp:	1317
Ion	Ratio	Lower	Upper
53	100		
52	78.0	66.4	99.6
51	62.6	28.4	42.6#



#16

Acetone

Concen: 0.350 ug/l

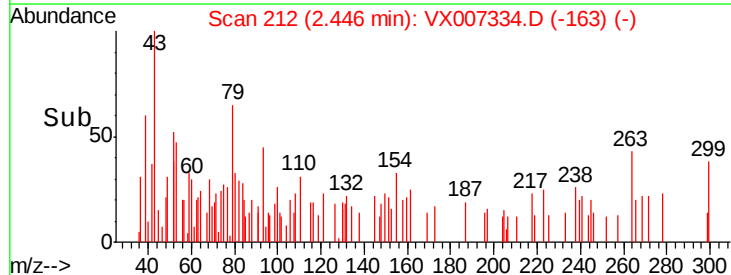
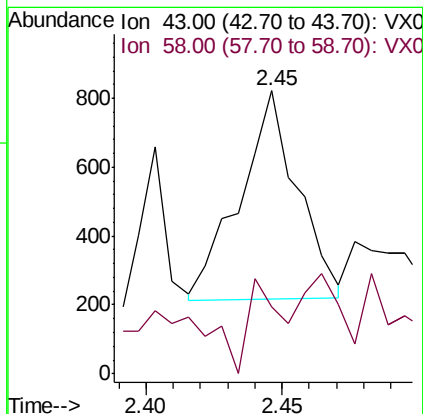
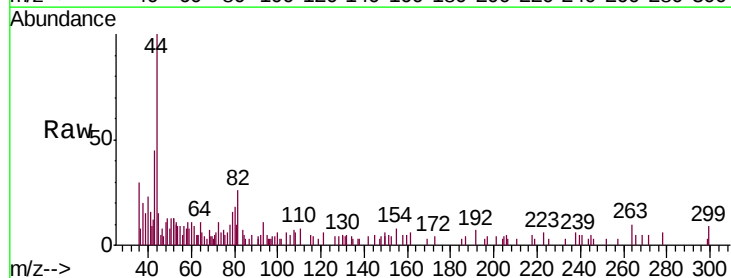
RT: 2.45 min Scan# 212

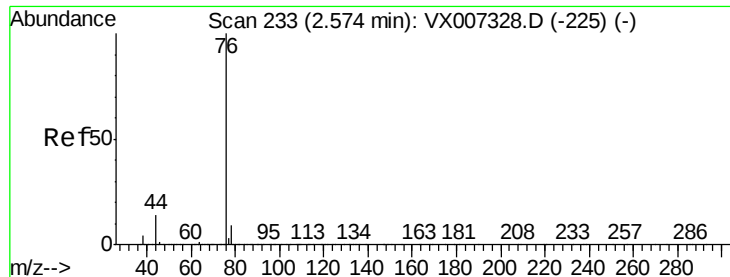
Delta R.T. -0.00 min

Lab File: VX007334.D

Acq: 01 Feb 2019 14:05

Tgt Ion:	43	Resp:	888
Ion	Ratio	Lower	Upper
43	100		
58	4.9	24.9	37.3#





#17

Carbon Disulfide

Concen: 2.397 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007334.D

Acq: 01 Feb 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

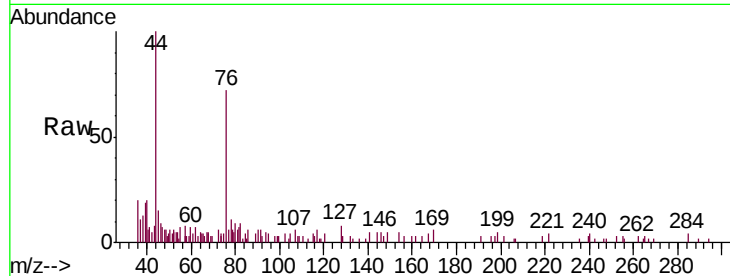
VX0201WBL01

Tgt Ion: 76 Resp: 3748

Ion Ratio Lower Upper

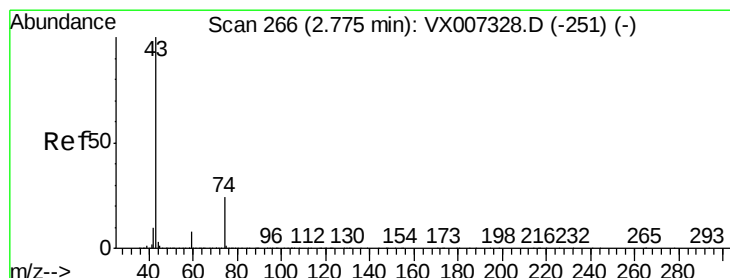
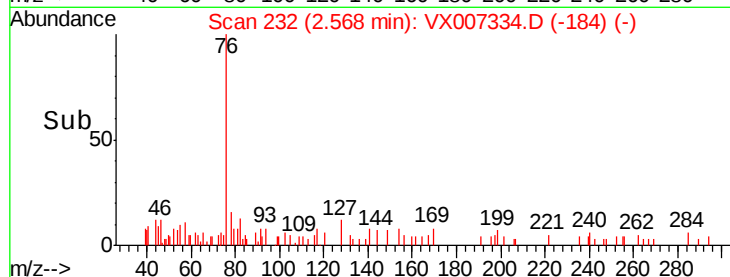
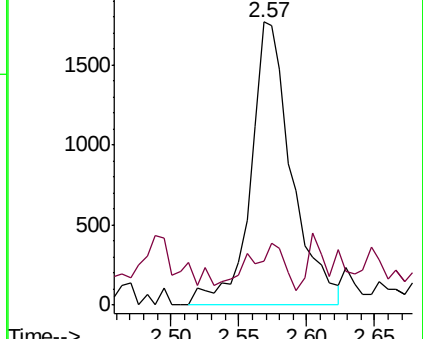
76 100

78 0.8 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.802 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007334.D

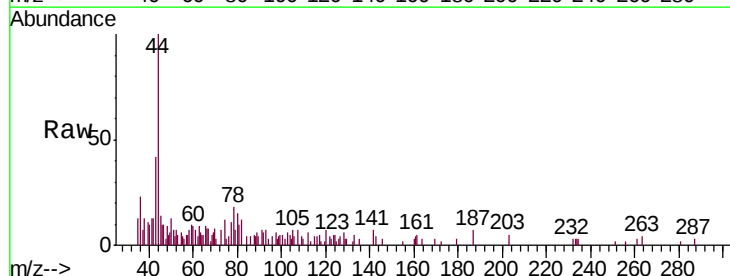
Acq: 01 Feb 2019 14:05

Tgt Ion: 43 Resp: 1397

Ion Ratio Lower Upper

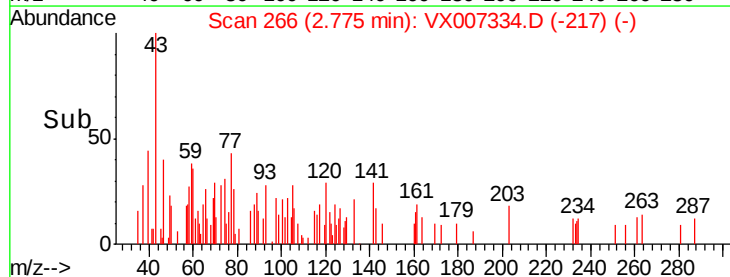
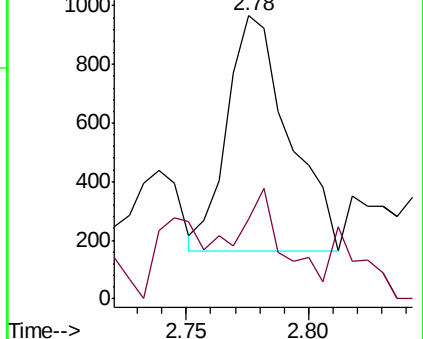
43 100

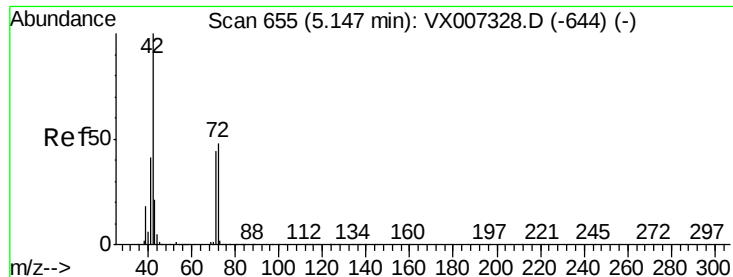
74 20.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

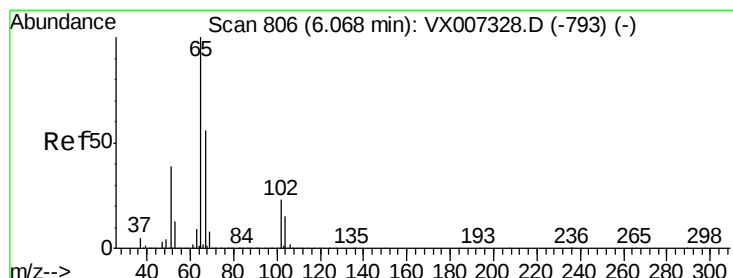
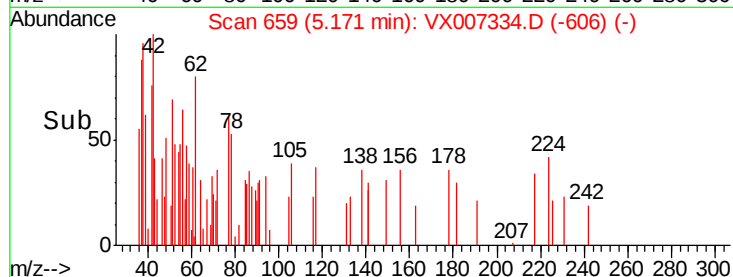
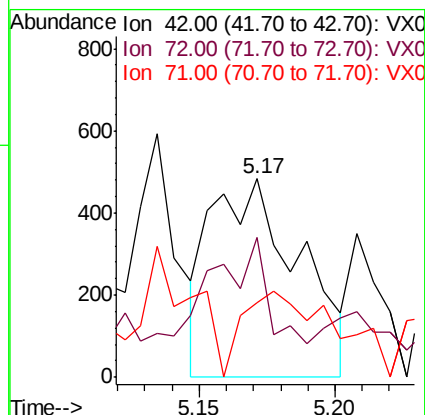
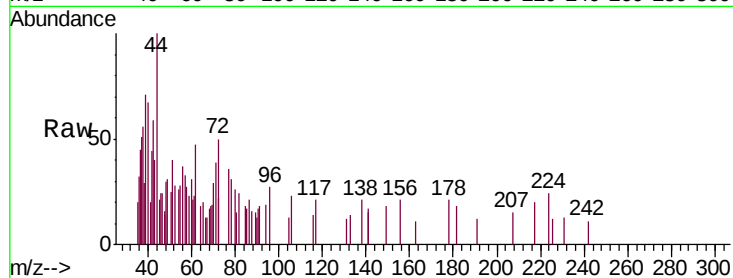




#29
Tetrahydrofuran
Concen: 0.481 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX007334.D
Acq: 01 Feb 2019 14:05

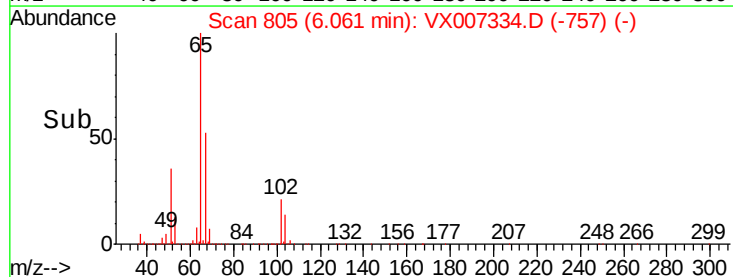
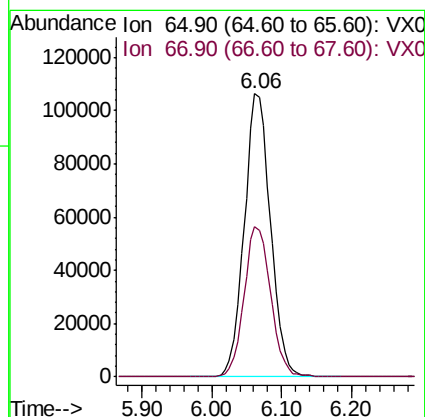
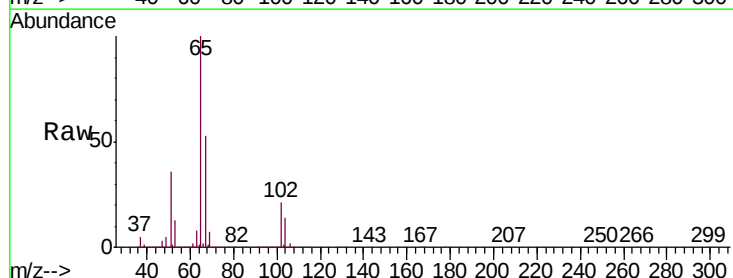
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

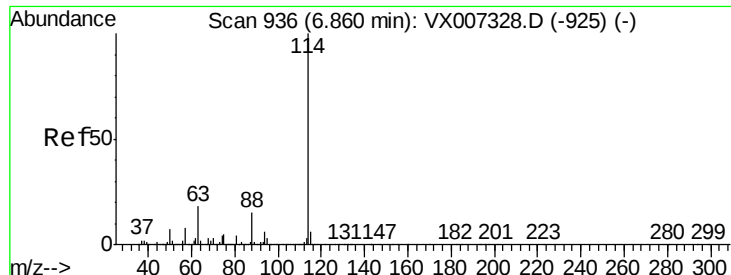
Tgt Ion: 42 Resp: 1091
Ion Ratio Lower Upper
42 100
72 52.1 37.6 56.4
71 45.3 34.6 51.8



#33
1,2-Dichloroethane-d4
Concen: 50.097 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX007334.D
Acq: 01 Feb 2019 14:05

Tgt Ion: 65 Resp: 277230
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007334.D

Acq: 01 Feb 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX0201WBL01

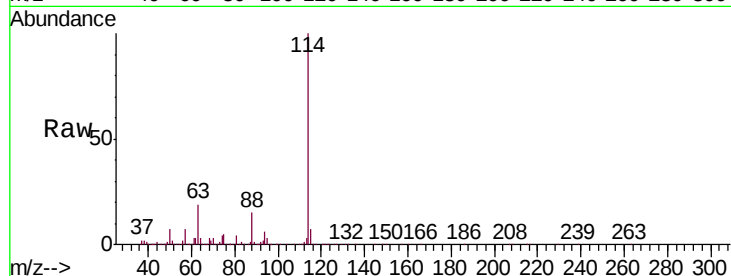
Tgt Ion:114 Resp: 799428

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

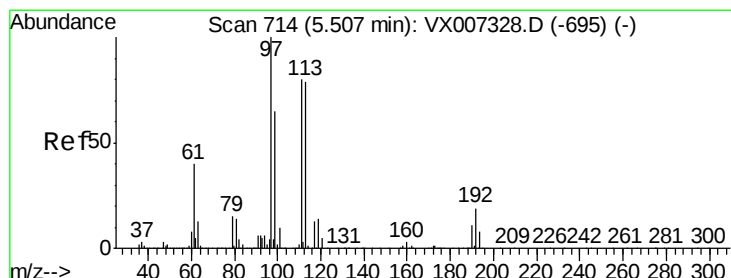
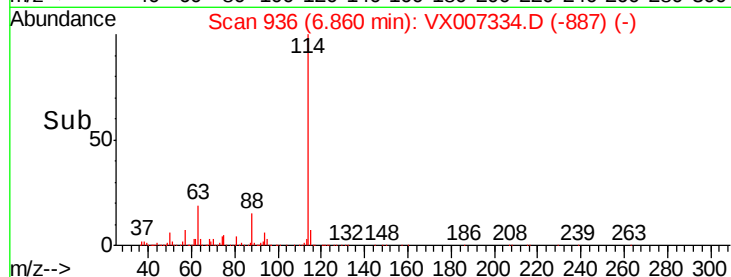
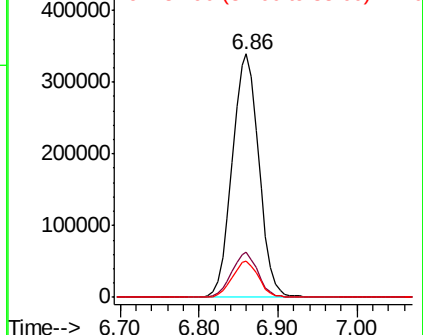
88 14.9 0.0 29.6



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: 49.014 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007334.D

Acq: 01 Feb 2019 14:05

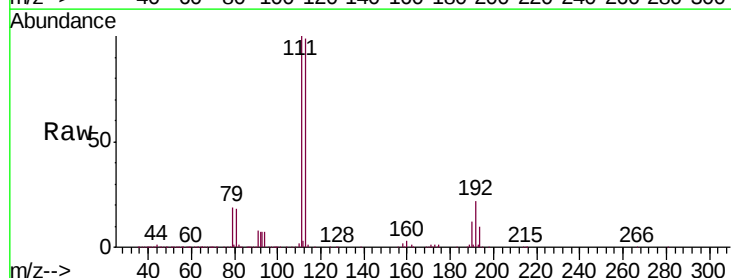
Tgt Ion:113 Resp: 254952

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

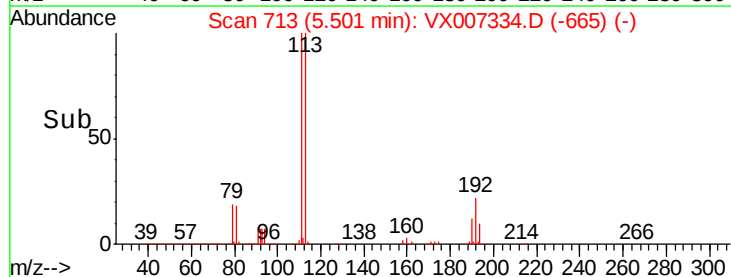
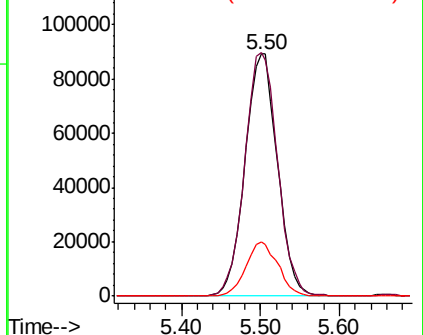
192 22.0 18.5 27.7

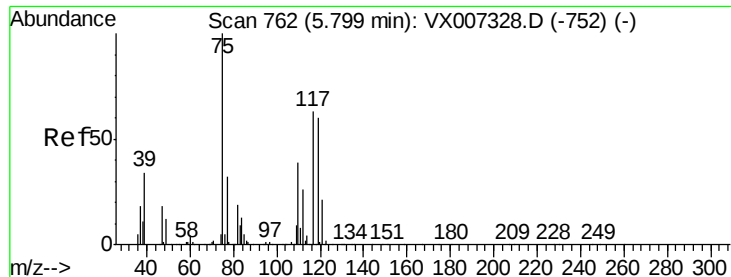


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

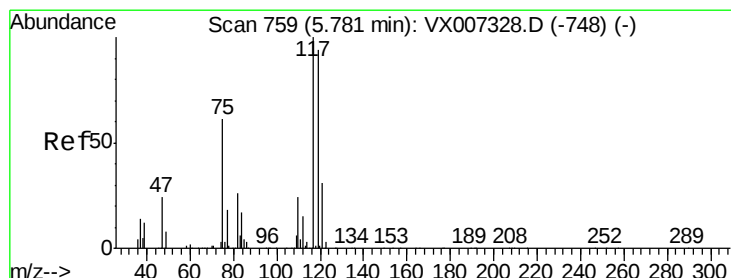
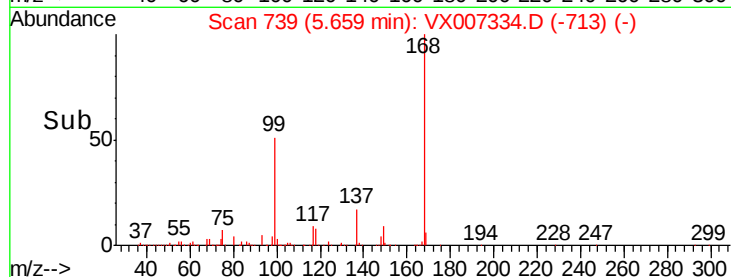
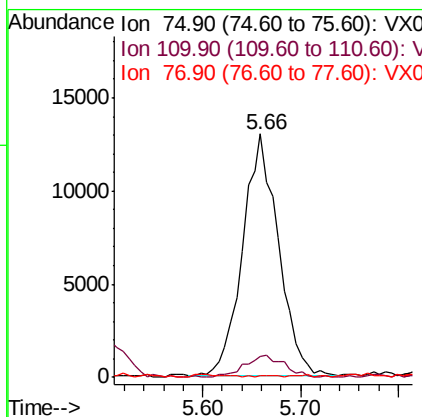
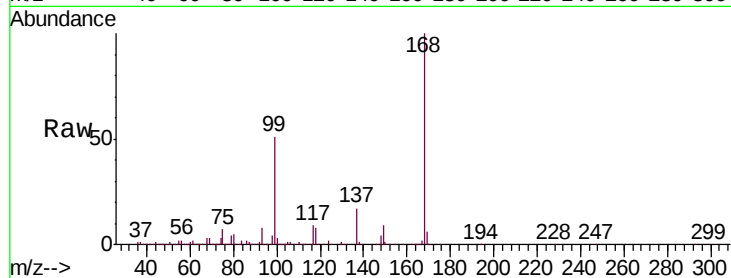




#36
 1,1-Dichloropropene
 Concen: 4.621 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007334.D
 Acq: 01 Feb 2019 14:05

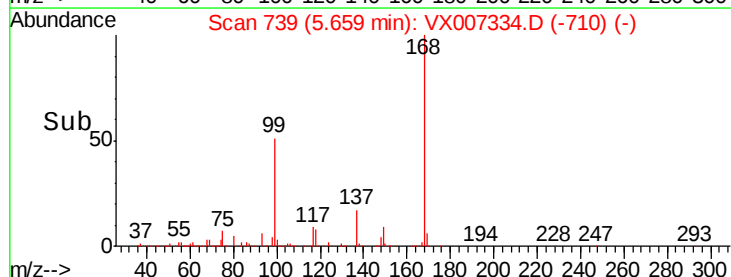
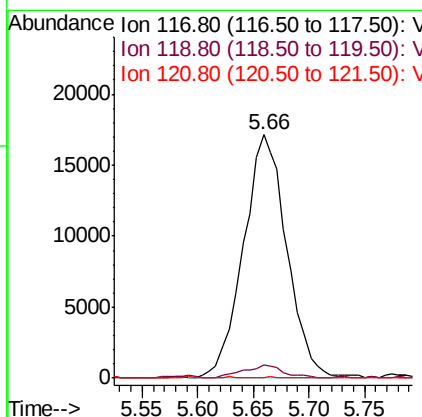
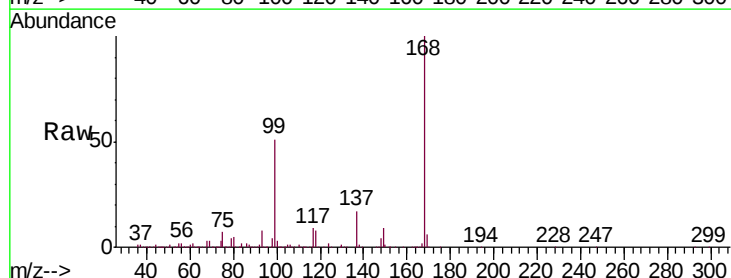
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBL01

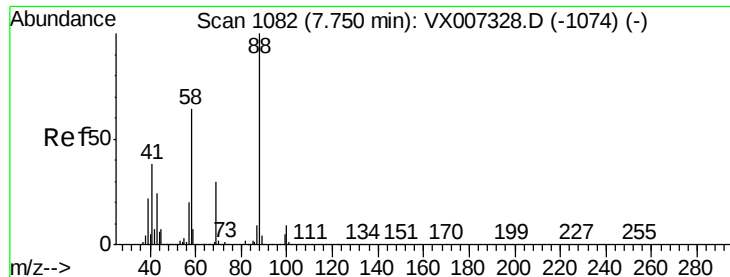
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	20.0	59.9#
77	0.4	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.667 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX007334.D
 Acq: 01 Feb 2019 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.3	112.9#
121	0.0	25.0	37.4#

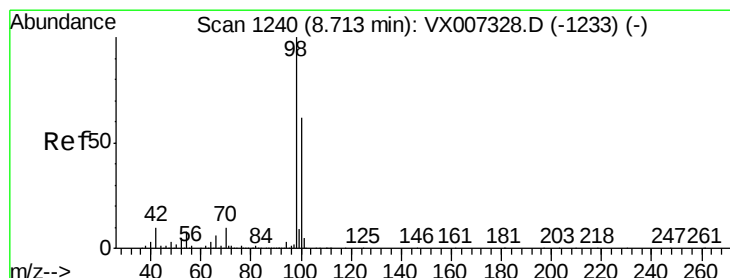
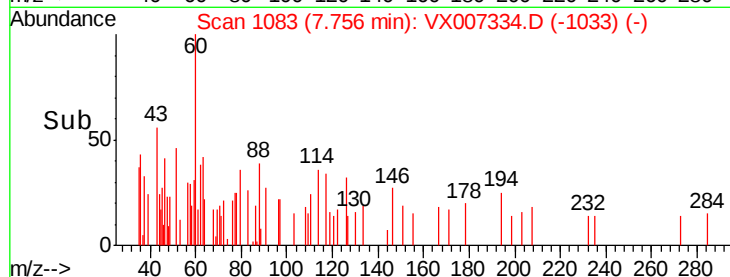
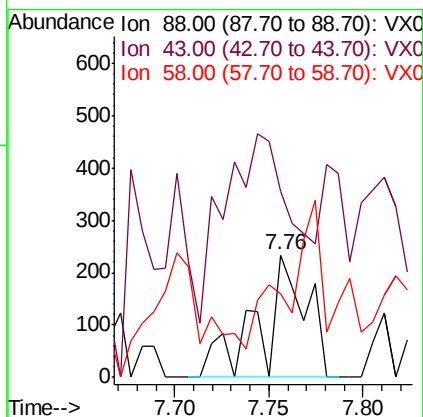
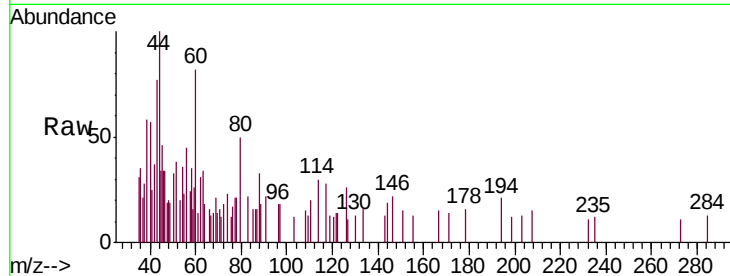




#49
1,4-Dioxane
Concen: 9.999 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007334.D
Acq: 01 Feb 2019 14:05

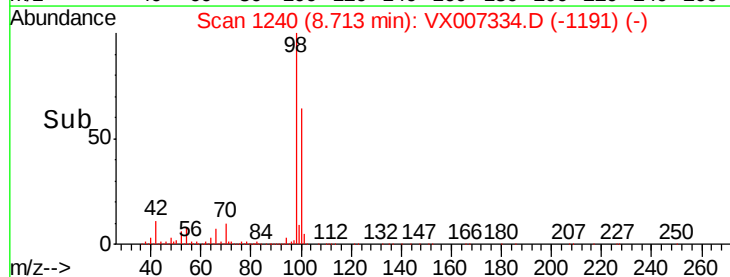
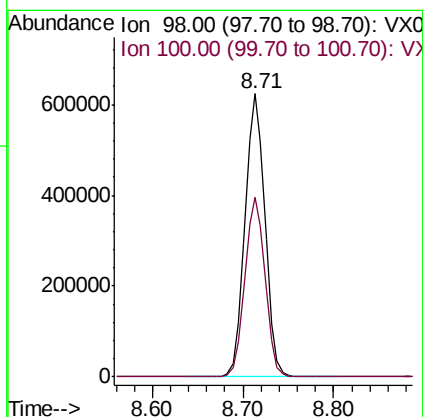
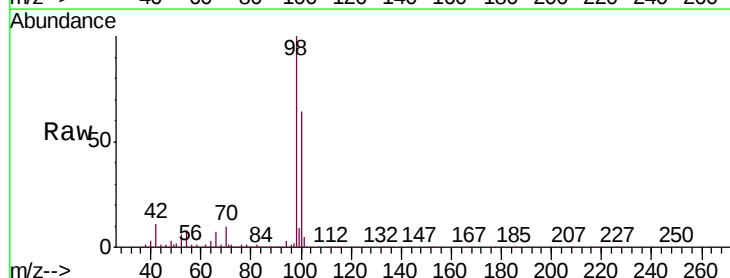
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

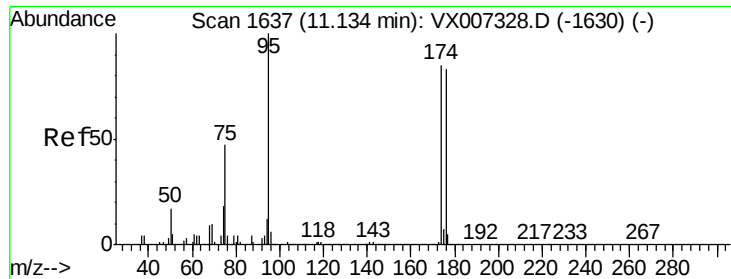
Tgt Ion: 88 Resp: 400
Ion Ratio Lower Upper
88 100
43 227.0 24.2 36.4#
58 0.0 53.0 79.4#



#50
Toluene-d8
Concen: 49.095 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007334.D
Acq: 01 Feb 2019 14:05

Tgt Ion: 98 Resp: 947472
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4

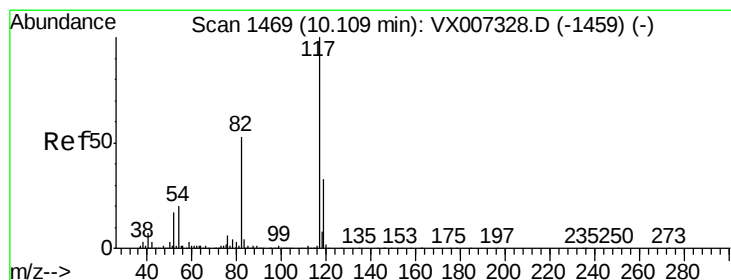
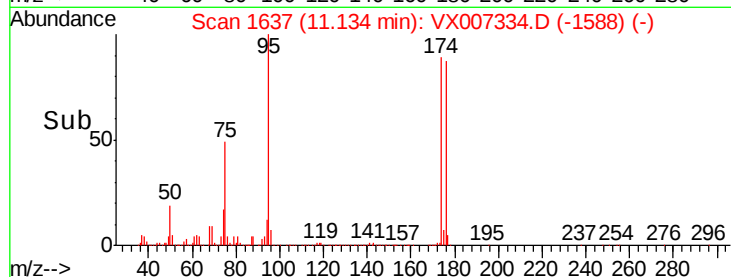
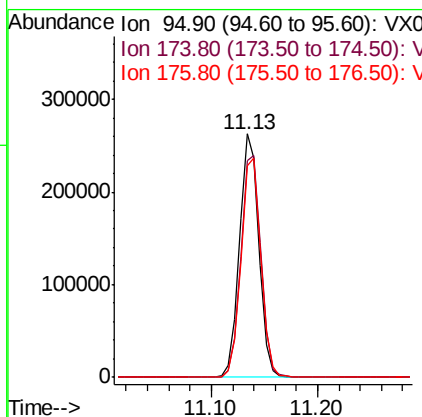
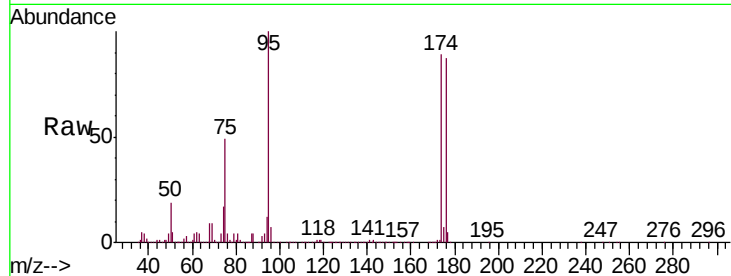




#62
4-Bromofluorobenzene
Concen: 47.770 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007334.D
Acq: 01 Feb 2019 14:05

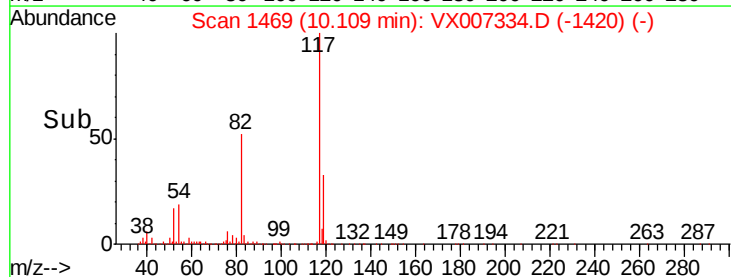
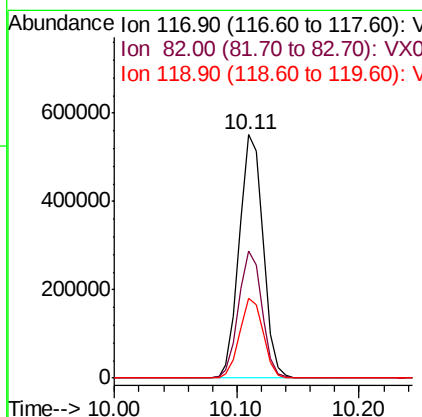
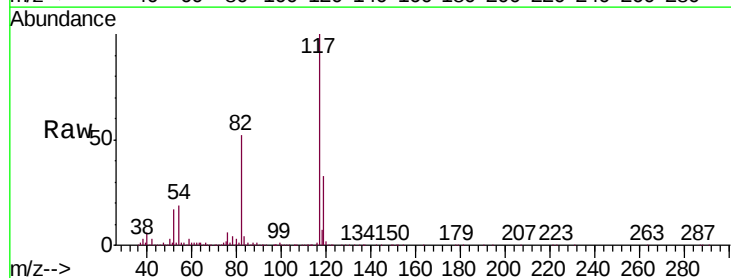
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

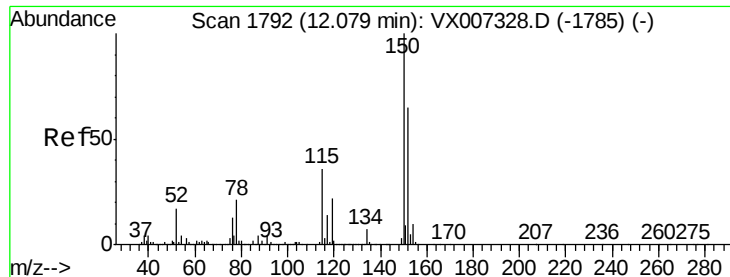
Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	189.2
176	91.6	0.0	186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007334.D
Acq: 01 Feb 2019 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.1	63.1
119	32.6	26.5	39.7



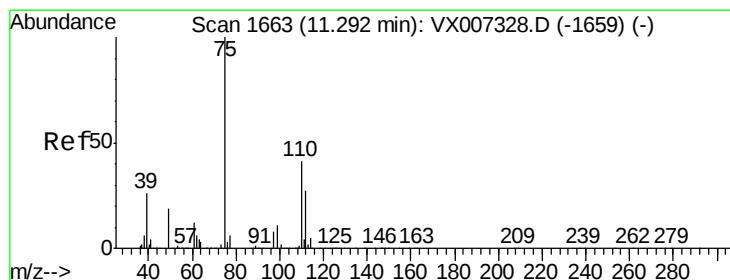
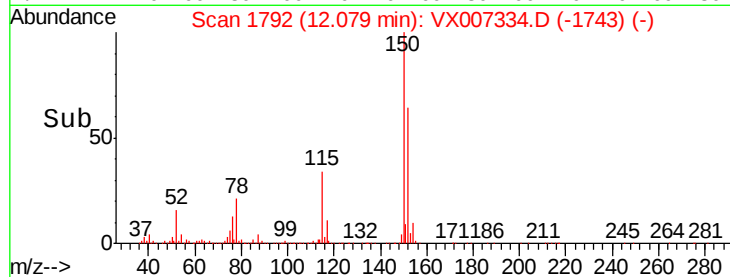
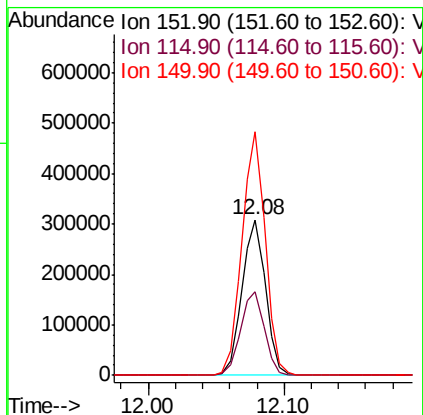
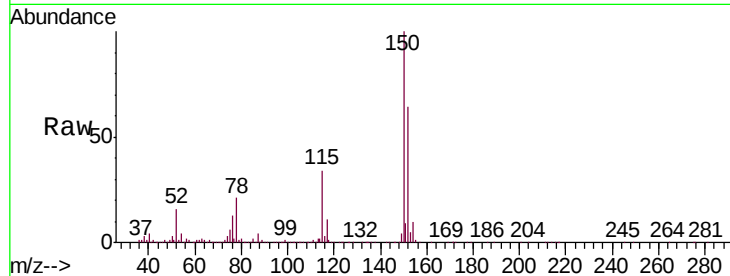


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007334.D
Acq: 01 Feb 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

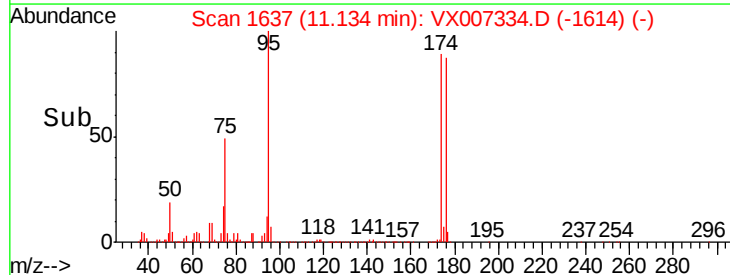
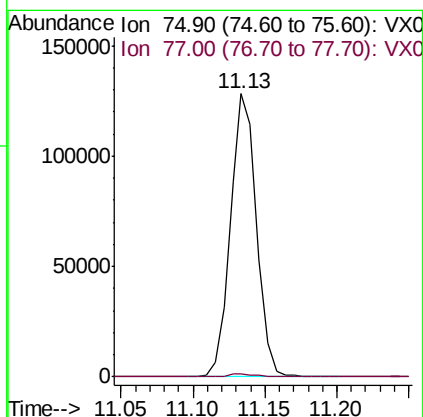
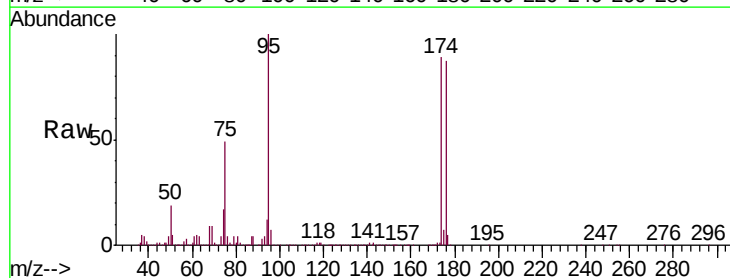
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.0	114.0
150	155.3	0.0	346.4

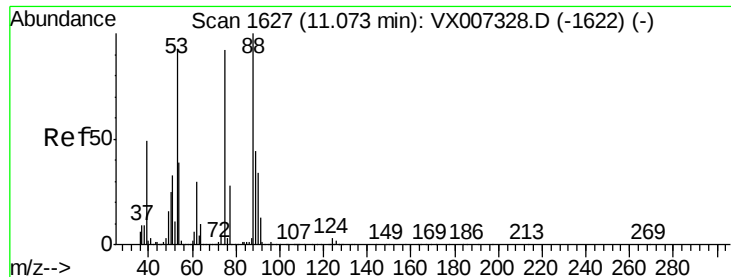


#76

1,2,3-Trichloropropane
Concen: 22.570 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007334.D
Acq: 01 Feb 2019 14:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	23.0	69.0





#81

trans-1,4-Dichloro-2-butene

Concen: 68.092 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007334.D

Acq: 01 Feb 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

VX0201WBL01

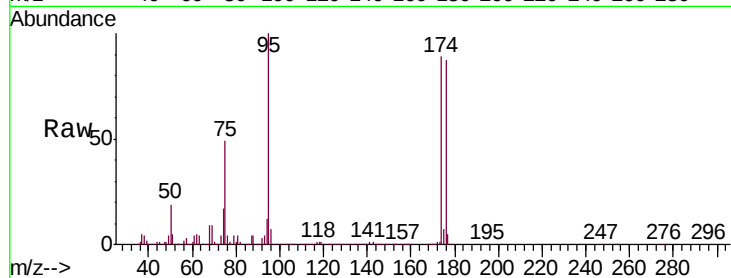
Tgt Ion: 75 Resp: 162739

Ion Ratio Lower Upper

75 100

53 0.2 81.0 121.6#

89 0.2 41.4 62.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

