

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002092.D
 Acq On : 29 May 2018 14:53
 Operator : JC/MD
 Sample : J3118-02RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW731-180521RE

Quant Time: May 30 06:06:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	423634	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	371493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199974	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	228044	42.26	ug/l	0.00
Spiked Amount			Recovery	=	84.52%	
35) Dibromofluoromethane	5.51	113	175763	41.49	ug/l	0.00
Spiked Amount			Recovery	=	82.98%	
50) Toluene-d8	8.72	98	686450	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	
62) 4-Bromofluorobenzene	11.14	95	234563	39.09	ug/l	0.00
Spiked Amount			Recovery	=	78.18%	

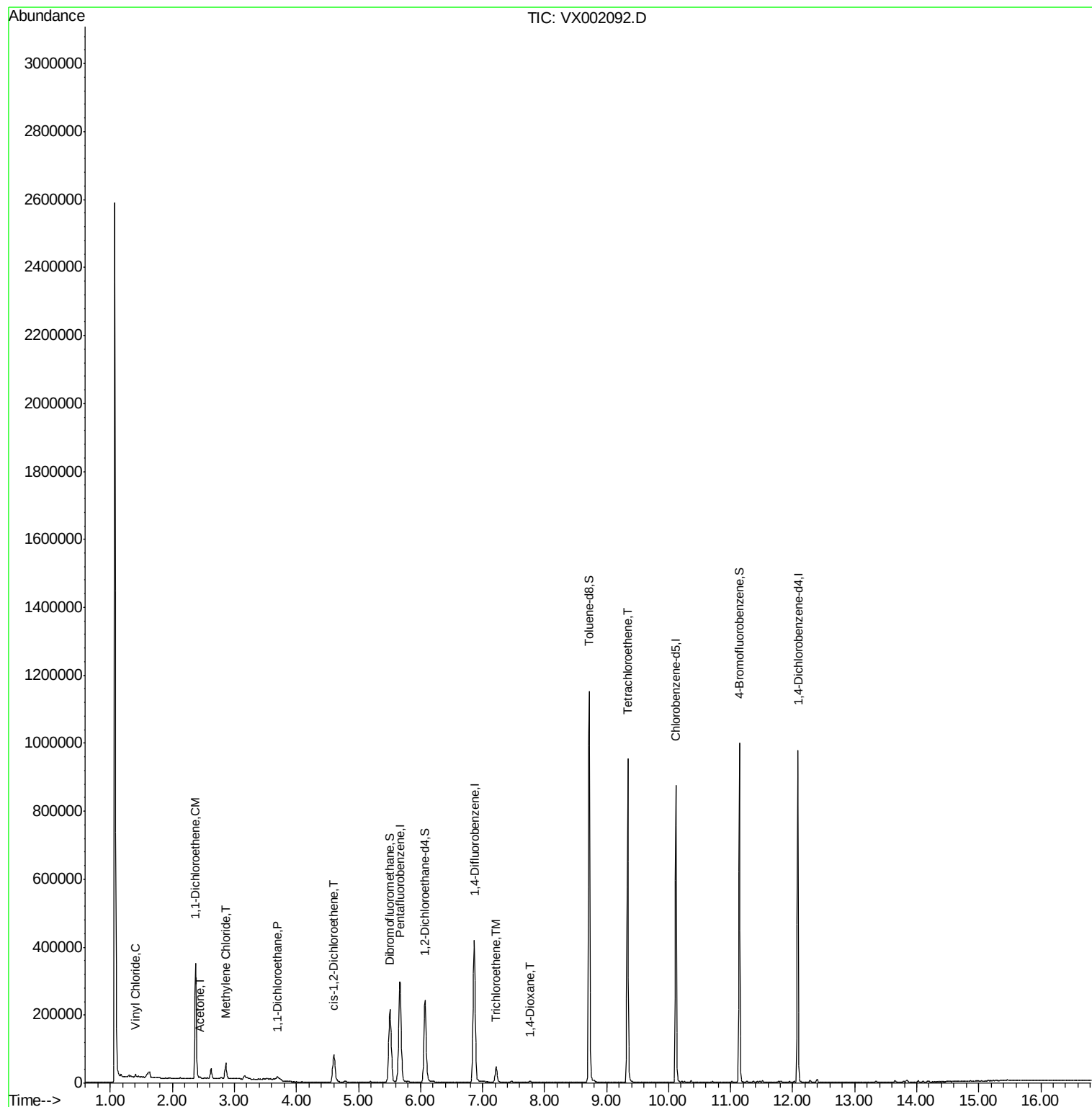
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	3556	0.79	ug/l	96
12) 1,1-Dichloroethene	2.38	96	113242	32.18	ug/l	99
16) Acetone	2.45	43	3689	1.77	ug/l #	86
20) Methylene Chloride	2.86	84	20173	4.06	ug/l	97
24) 1,1-Dichloroethane	3.70	63	7220	1.01	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	43895	9.57	ug/l	90
44) Trichloroethene	7.22	130	18413	3.66	ug/l	100
49) 1,4-Dioxane	7.77	88	2325	20.25	ug/l #	80
64) Tetrachloroethene	9.34	164	188514	35.39	ug/l	99

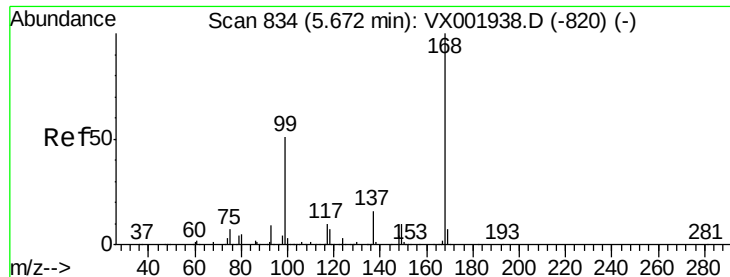
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
Data File : VX002092.D
Acq On : 29 May 2018 14:53
Operator : JC/MD
Sample : J3118-02RE
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS052MW731-180521RE

Quant Time: May 30 06:06:55 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002092.D

Acq: 29 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

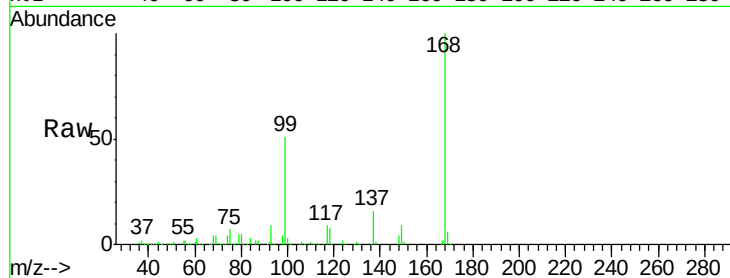
SS052MW731-180521RE

Tot Ion:168 Resp: 301897

Ion Ratio Lower Upper

168 100

99 50.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

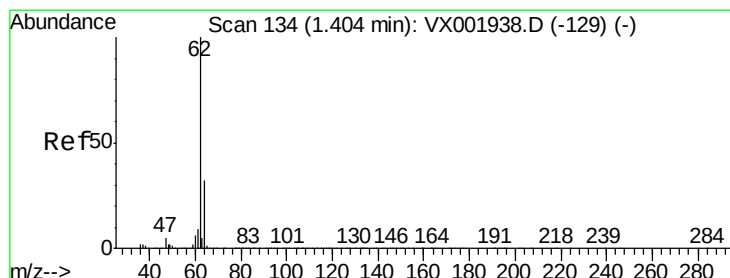
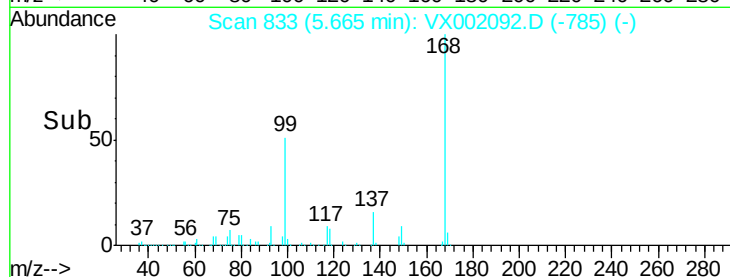
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.79 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002092.D

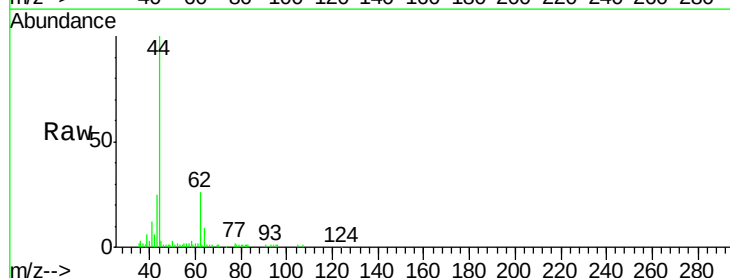
Acq: 29 May 2018 14:53

Tgt Ion: 62 Resp: 3556

Ion Ratio Lower Upper

62 100

64 29.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

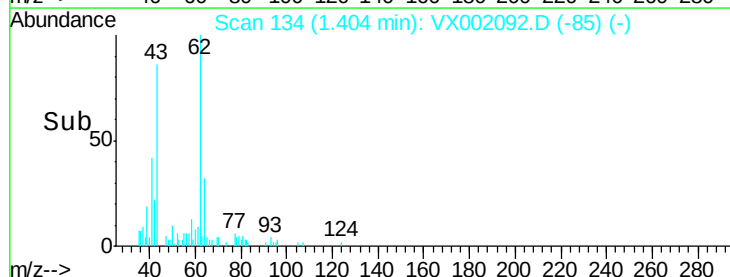
3000

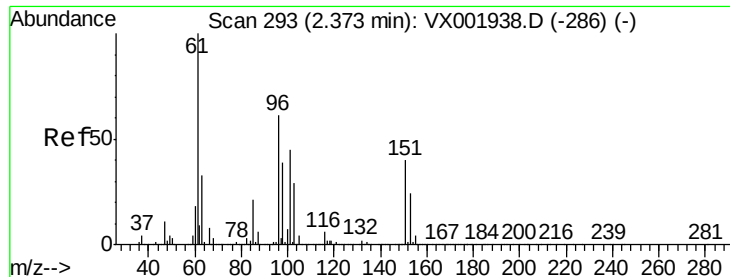
2000

1000

0

Time--> 1.35 1.40 1.45





#12

1,1-Dichloroethene

Concen: 32.18 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002092.D

Acq: 29 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW731-180521RE

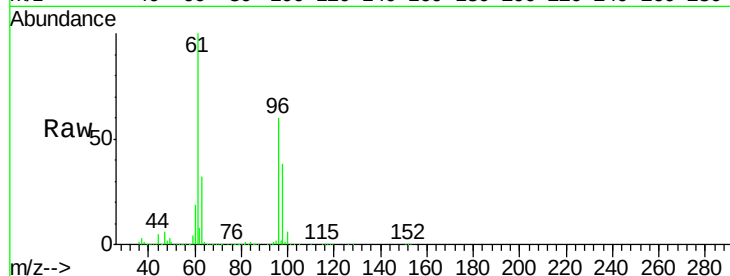
Tot Ion: 96 Resp: 113242

Ion Ratio Lower Upper

96 100

61 165.4 131.7 197.5

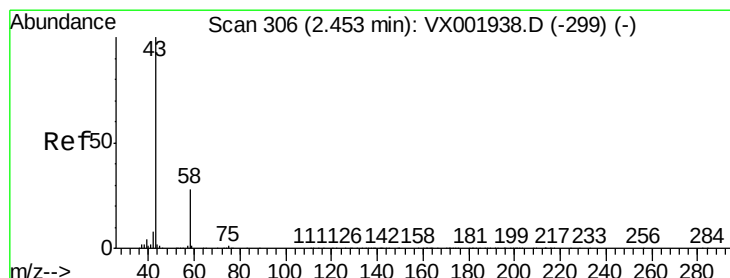
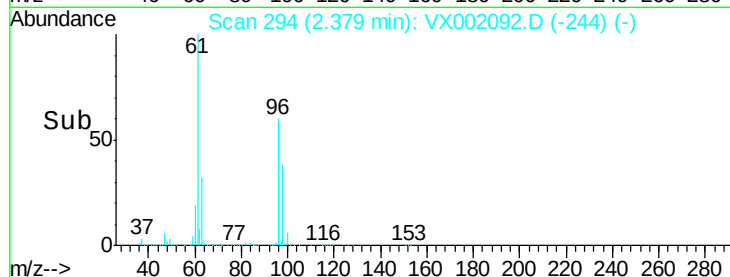
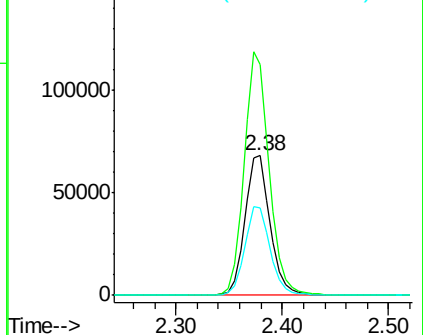
98 62.4 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 1.77 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002092.D

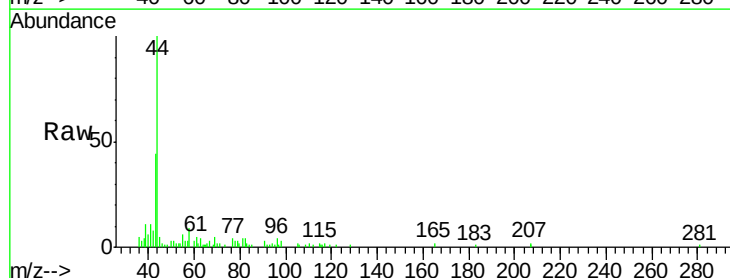
Acq: 29 May 2018 14:53

Tgt Ion: 43 Resp: 3689

Ion Ratio Lower Upper

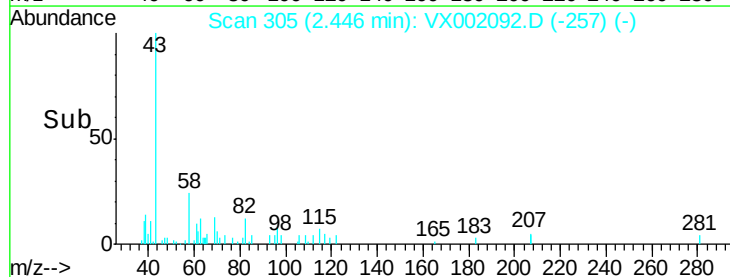
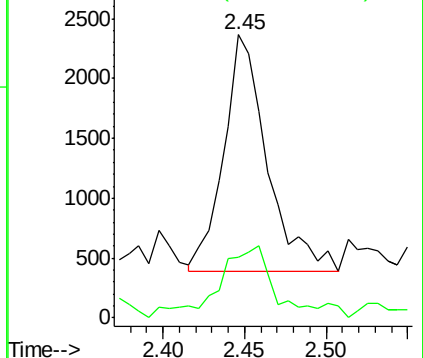
43 100

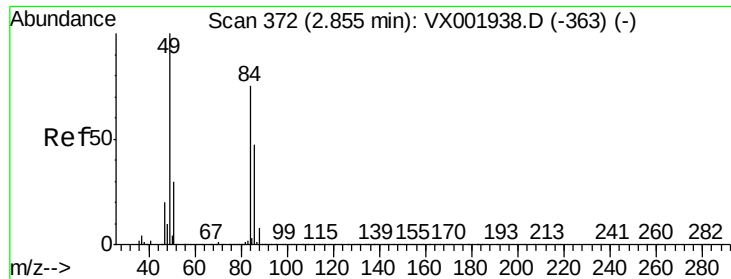
58 20.7 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

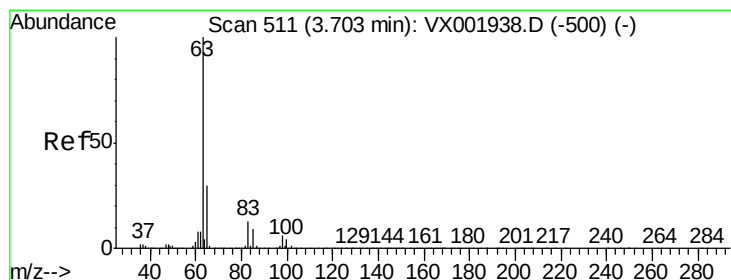
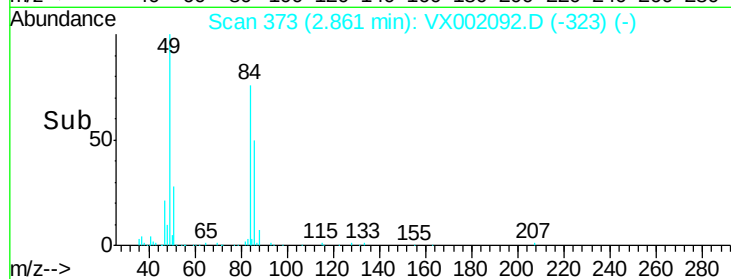
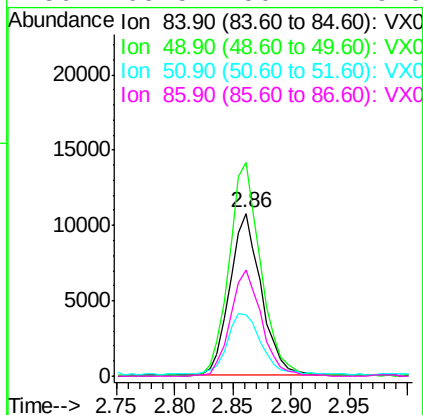
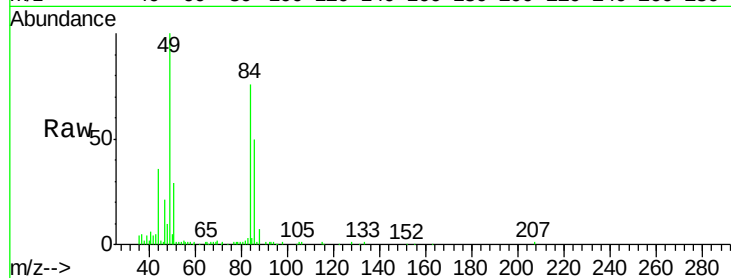




#20
Methylene Chloride
Concen: 4.06 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002092.D
Acq: 29 May 2018 14:53

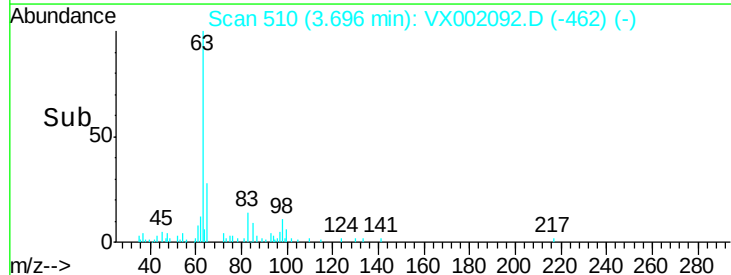
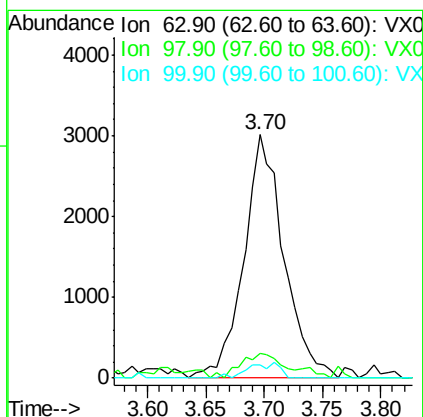
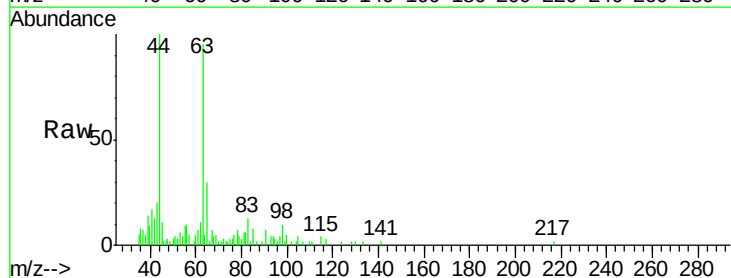
Instrument :
MSVOA_X
ClientSampleId :
SS052MW731-180521RE

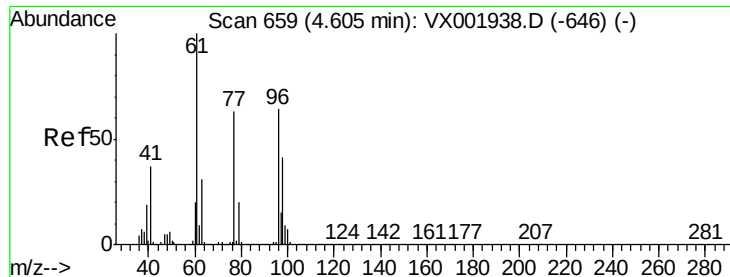
Tot Ion:	84	Resp:	20173
Ion	Ratio	Lower	Upper
84	100		
49	131.7	107.2	160.8
51	36.3	32.4	48.6
86	65.5	50.4	75.6



#24
1,1-Dichloroethane
Concen: 1.01 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.01 min
Lab File: VX002092.D
Acq: 29 May 2018 14:53

Tgt Ion:	63	Resp:	7220
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.3	9.8
100	5.7	2.1	6.5





#27

cis-1,2-Dichloroethene

Concen: 9.57 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002092.D

Acq: 29 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW731-180521RE

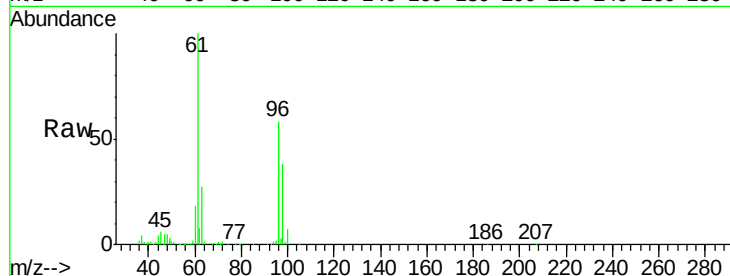
Tot Ion: 96 Resp: 43895

Ion Ratio Lower Upper

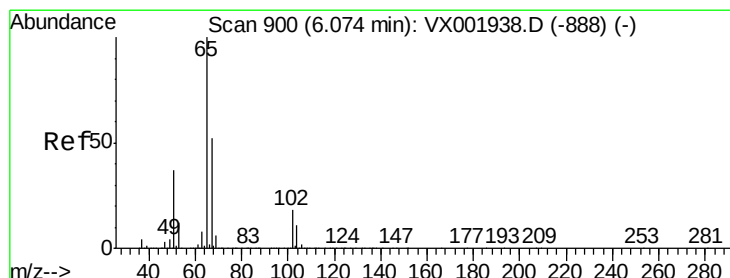
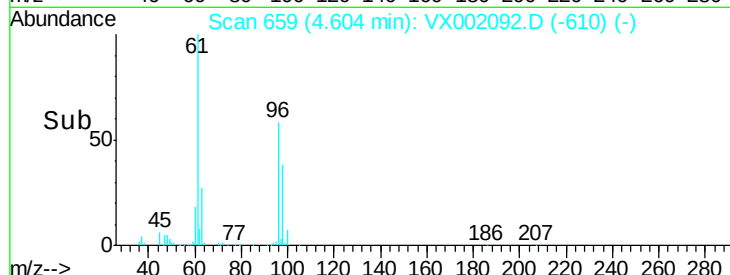
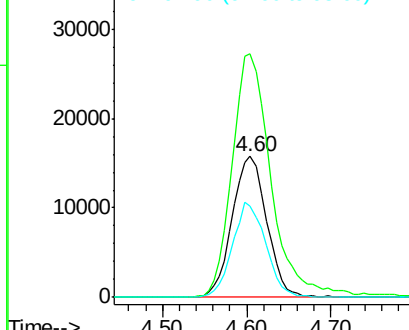
96 100

61 193.4 0.0 348.4

98 64.9 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 42.26 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002092.D

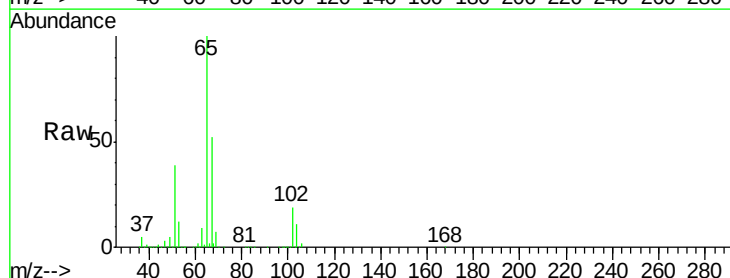
Acq: 29 May 2018 14:53

Tgt Ion: 65 Resp: 228044

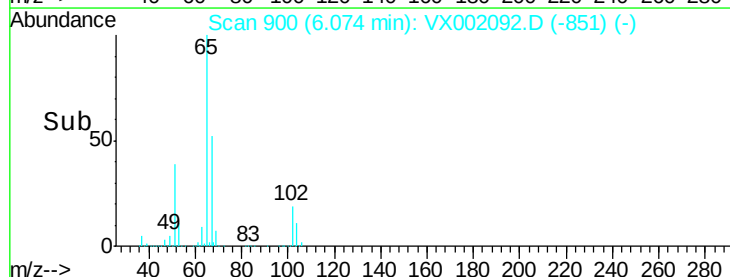
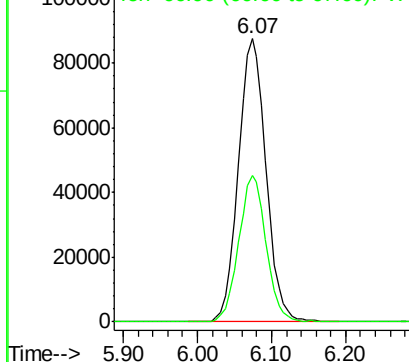
Ion Ratio Lower Upper

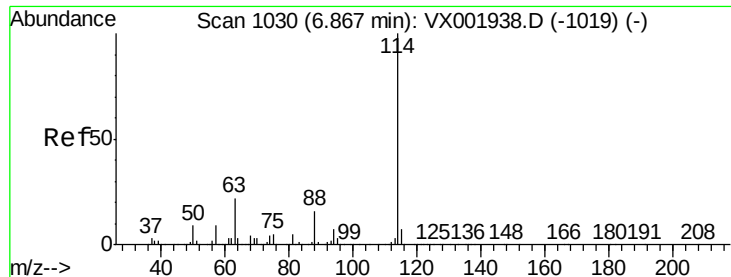
65 100

67 51.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002092.D

Acq: 29 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW731-180521RE

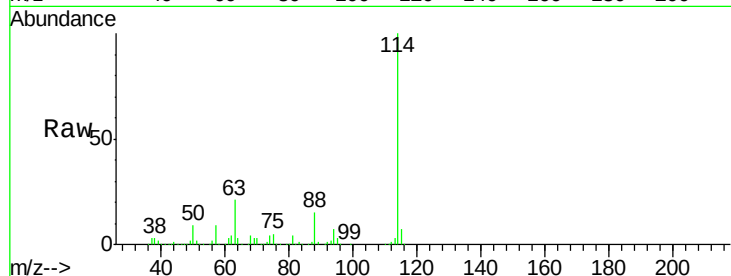
Tot Ion:114 Resp: 423634

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

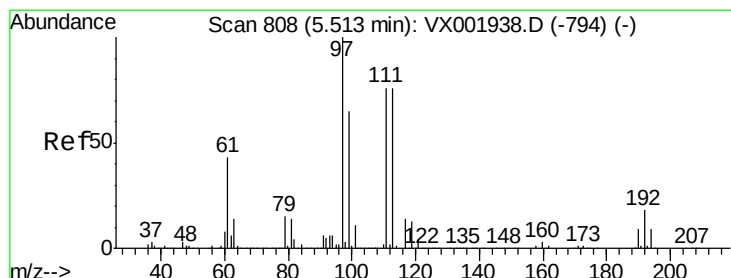
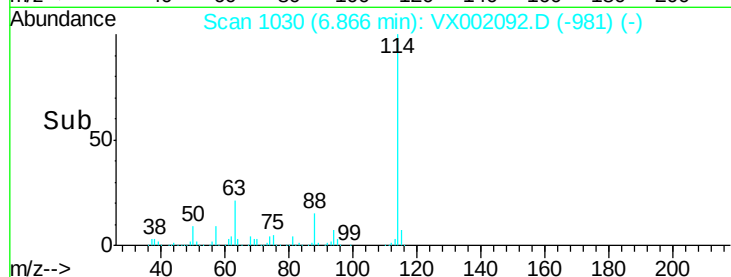
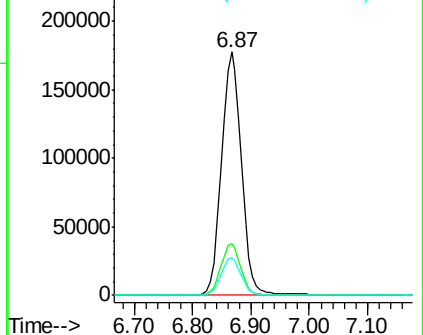
88 15.4 0.0 31.6



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: 41.49 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002092.D

Acq: 29 May 2018 14:53

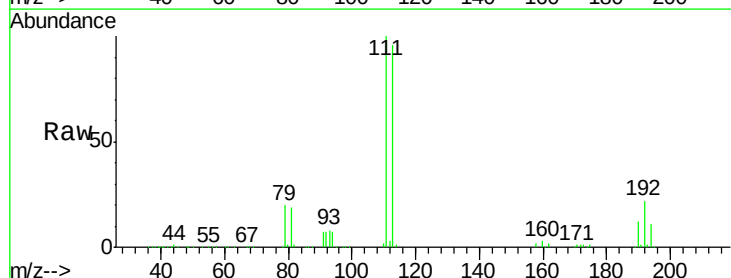
Tgt Ion:113 Resp: 175763

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

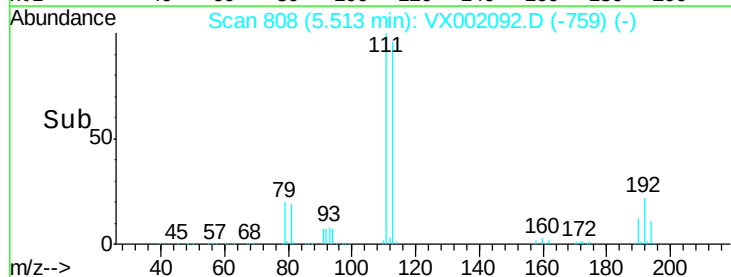
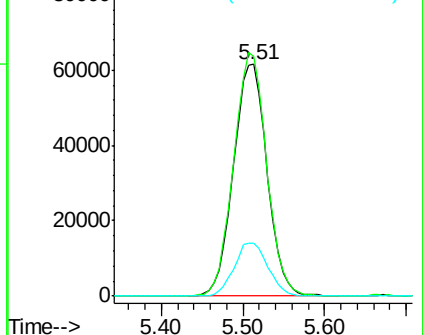
192 23.1 18.9 28.3

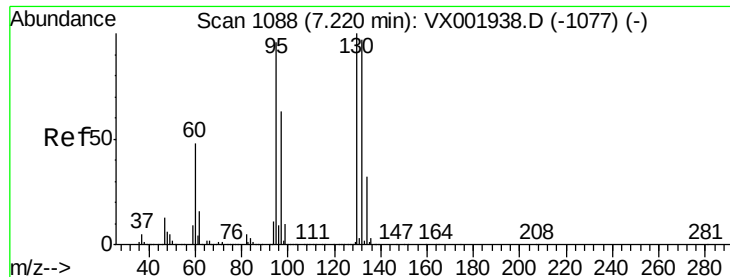


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.66 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002092.D

Acq: 29 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

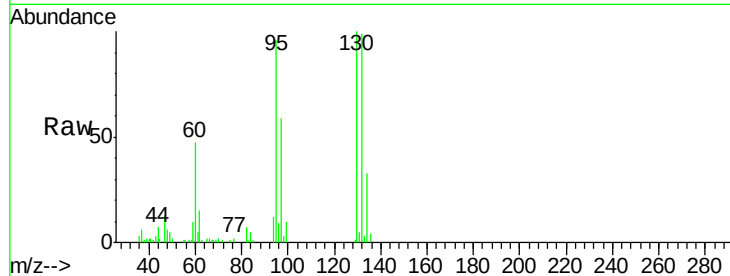
SS052MW731-180521RE

Tot Ion:130 Resp: 18413

Ion Ratio Lower Upper

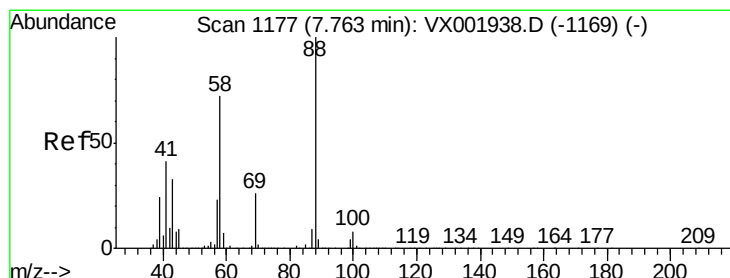
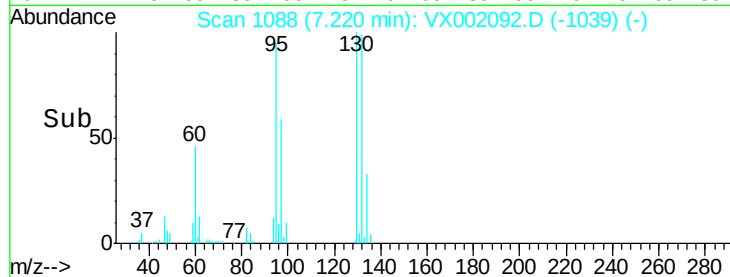
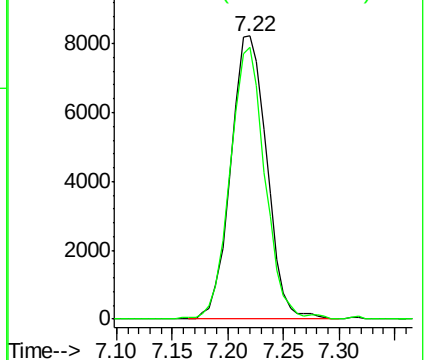
130 100

95 96.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 20.25 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX002092.D

Acq: 29 May 2018 14:53

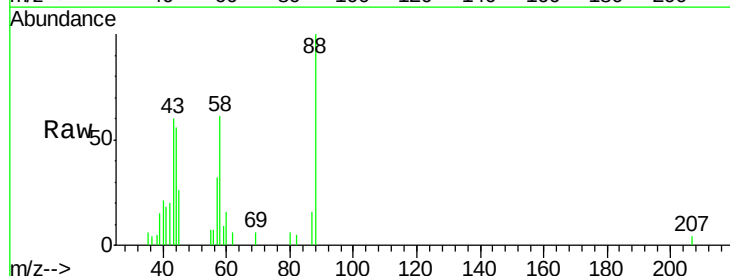
Tgt Ion: 88 Resp: 2325

Ion Ratio Lower Upper

88 100

43 64.3 29.8 44.8#

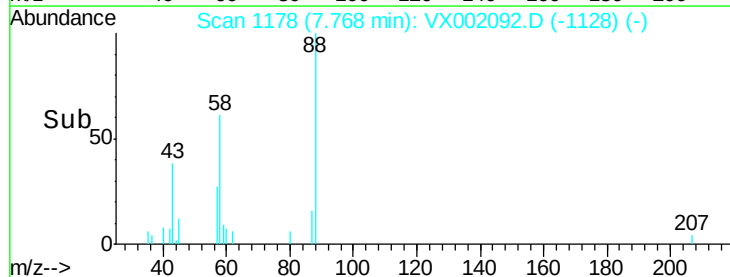
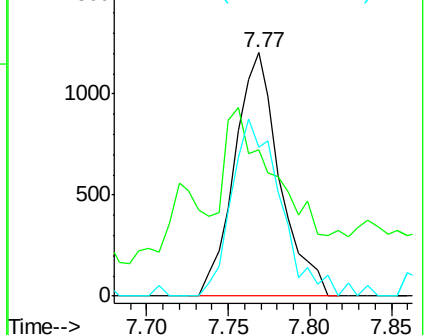
58 80.1 58.7 88.1

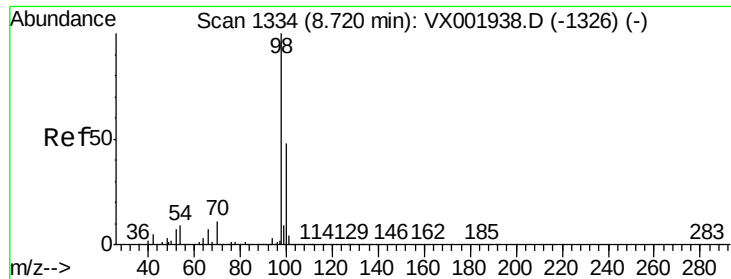


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 44.76 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002092.D

Acq: 29 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

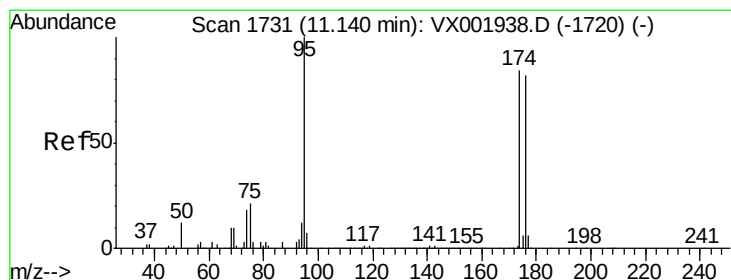
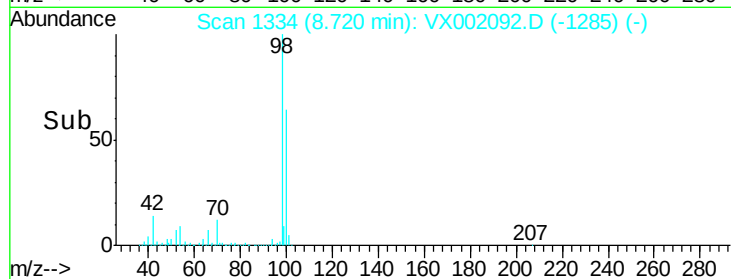
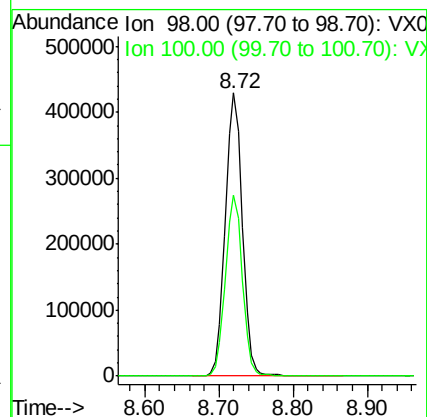
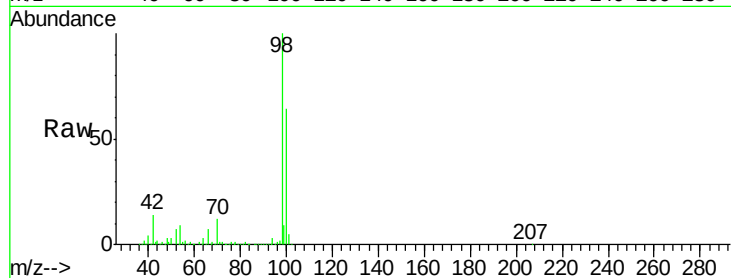
SS052MW731-180521RE

Tot Ion: 98 Resp: 686450

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 39.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002092.D

Acq: 29 May 2018 14:53

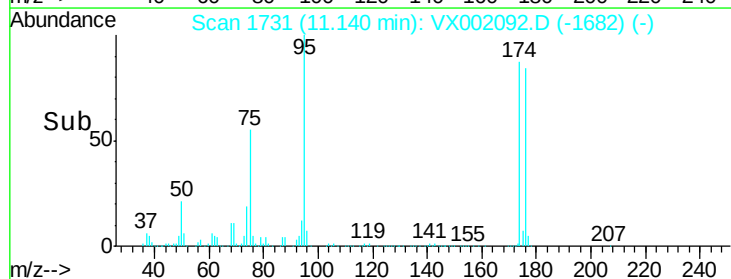
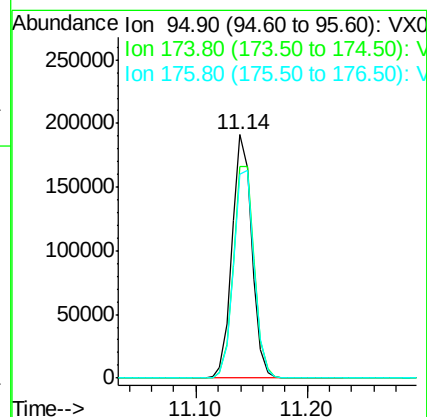
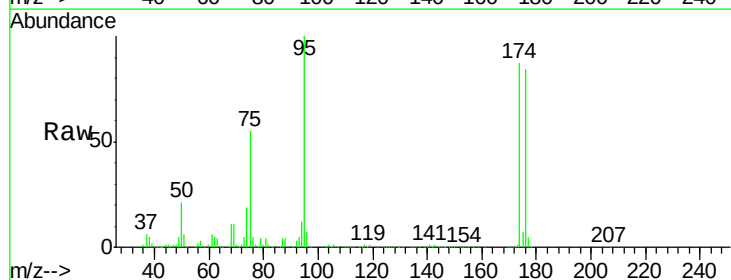
Tgt Ion: 95 Resp: 234563

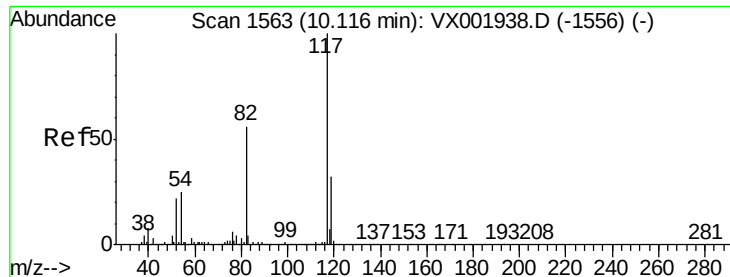
Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.8

176 88.9 0.0 175.6

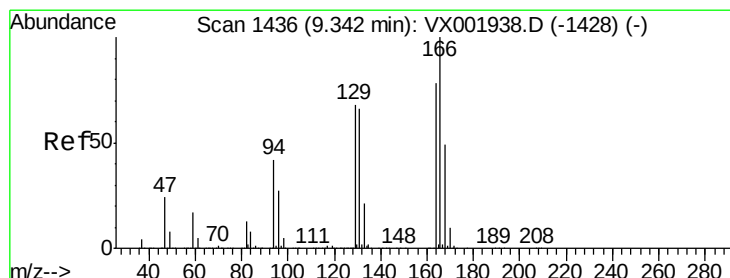
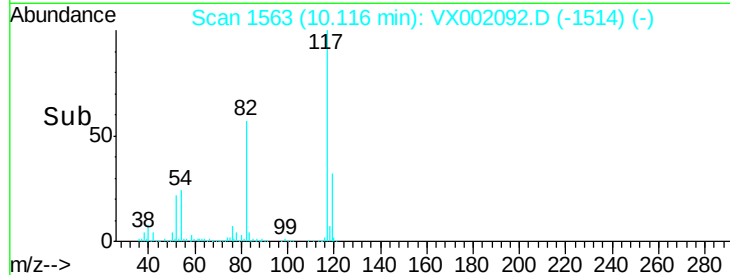
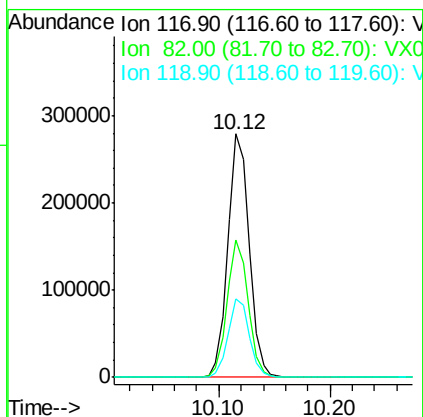
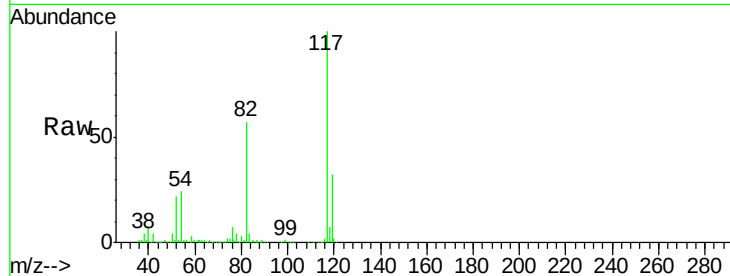




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002092.D
Acq: 29 May 2018 14:53

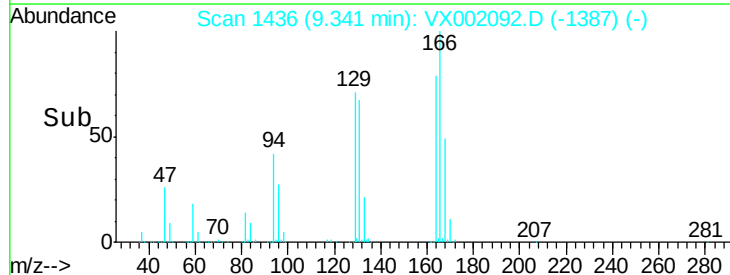
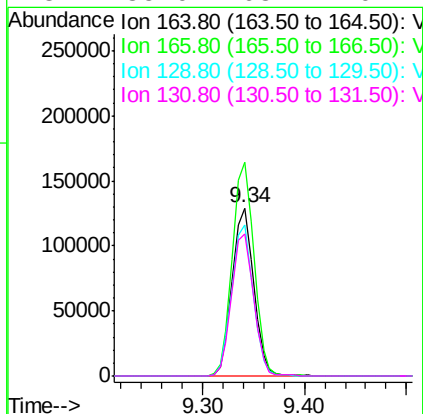
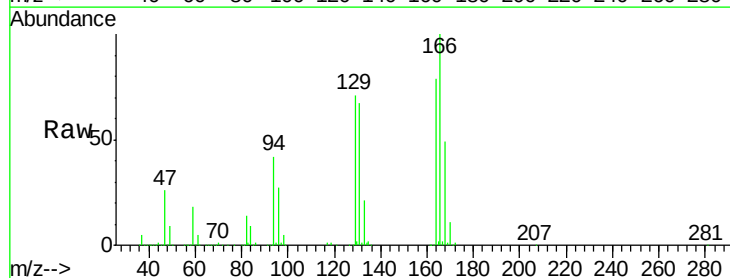
Instrument :
MSVOA_X
ClientSampleId :
SS052MW731-180521RE

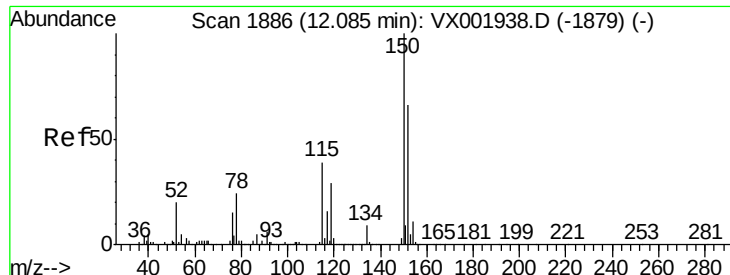
Tot Ion:117 Resp: 371493
Ion Ratio Lower Upper
117 100
82 56.6 44.8 67.2
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 35.39 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002092.D
Acq: 29 May 2018 14:53

Tgt Ion:164 Resp: 188514
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 89.8 70.3 105.5
131 85.0 68.2 102.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002092.D

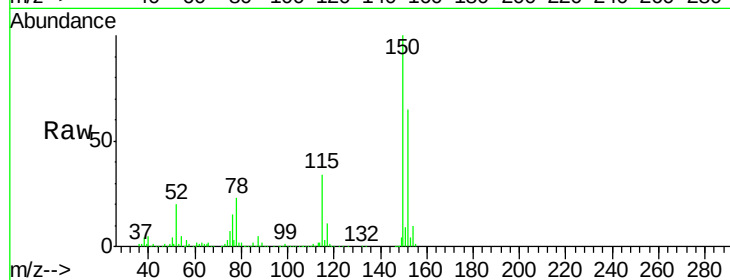
Acq: 29 May 2018 14:53

Instrument :

MSVOA_X

ClientSampleId :

SS052MW731-180521RE



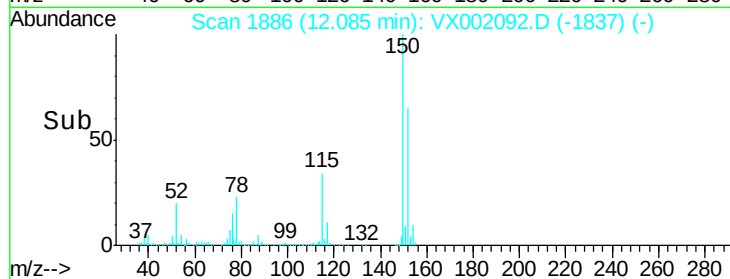
Tot Ion:152 Resp: 199974

Ion Ratio Lower Upper

152 100

115 55.2 42.3 126.8

150 155.9 0.0 351.0



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

