

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002637.D
 Acq On : 16 Jun 2018 10:17
 Operator : JC/MD
 Sample : J3479-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0466-180611

Quant Time: Jun 18 06:09:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178753	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	148432	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
35) Dibromofluoromethane	5.51	113	112400	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
50) Toluene-d8	8.72	98	437127	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.14	95	160831	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	736	0.27	ug/l	93
5) Bromomethane	1.65	94	898	0.53	ug/l #	71
6) Chloroethane	1.76	64	654	0.36	ug/l #	66
10) Methyl Iodide	2.53	142	1430	5.56	ug/l	97
11) Tert butyl alcohol	3.07	59	15170	22.71	ug/l #	90
13) Acrolein	2.31	56	40	6.99	ug/l #	14
16) Acetone	2.45	43	4173	2.93	ug/l	93
25) 2-Butanone	4.71	43	1357	0.72	ug/l #	79
27) cis-1,2-Dichloroethene	4.60	96	2014	0.77	ug/l	15
28) Bromochloromethane	5.06	49	463	0.21	ug/l #	13
36) 1,1-Dichloropropene	5.67	75	15192	4.70	ug/l #	51
38) Carbon Tetrachloride	5.67	117	19928	6.19	ug/l #	15
40) Benzene	6.15	78	36170	3.73	ug/l	100
52) Toluene	8.79	92	2006	0.32	ug/l	80
53) t-1,3-Dichloropropene	8.38	75	19	2.40	ug/l #	43
60) Dibromochloromethane	9.35	129	178	3.82	ug/l #	11
65) Chlorobenzene	10.15	112	5066328	695.60	ug/l	95
68) m/p-Xylenes	10.36	106	970	0.20	ug/l	98
71) Bromoform	10.86	173	643	5.10	ug/l #	90
76) 1,2,3-Trichloropropane	11.14	75	85178	25.25	ug/l #	33
78) n-propylbenzene	11.37	91	3113	0.23	ug/l	95
79) 2-Chlorotoluene	11.43	91	2262	0.28	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.14	75	85178	78.23	ug/l #	7
82) 4-Chlorotoluene	11.43	91	2262	0.23	ug/l	87
83) tert-Butylbenzene	11.77	119	2340	0.24	ug/l	92
86) p-Isopropyltoluene	12.24	119	5682	0.52	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	540246	88.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1656738	266.58	ug/l	99
90) Hexachloroethane	12.55	117	852	3.10	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	11998369	1951.73	ug/l	87
93) 1,2,4-Trichlorobenzene	13.65	180	35414	7.94	ug/l	99
95) Naphthalene	13.84	128	6474	0.54	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.02	180	25327	5.65	ug/l	96

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QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

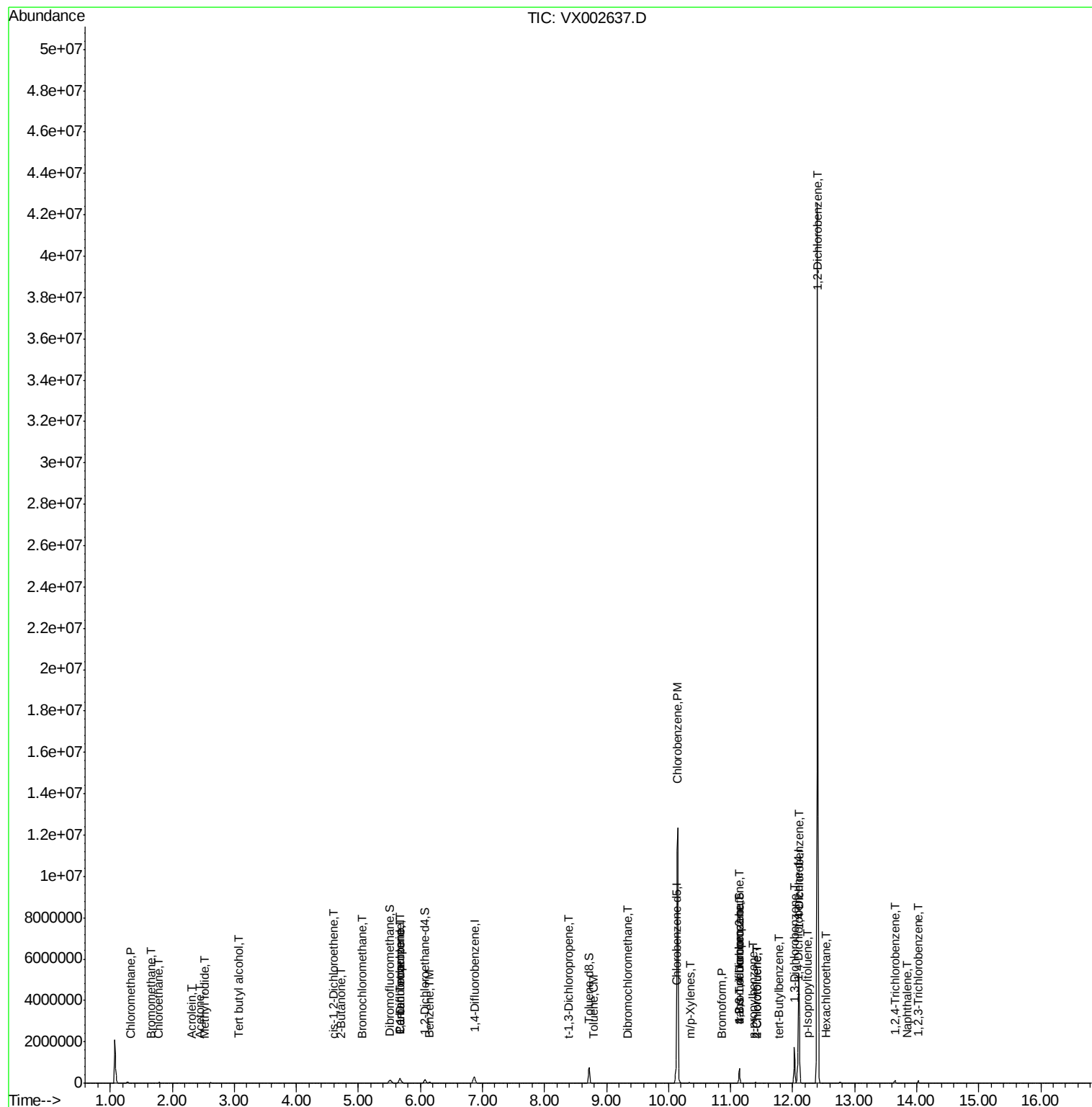
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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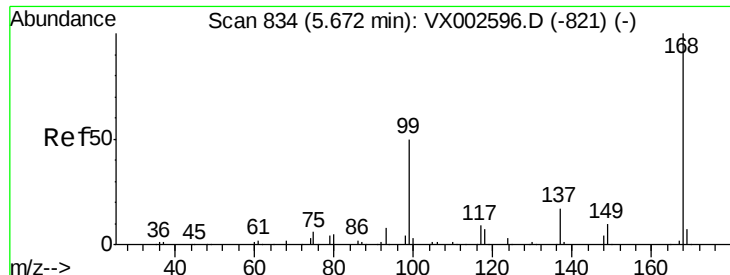
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

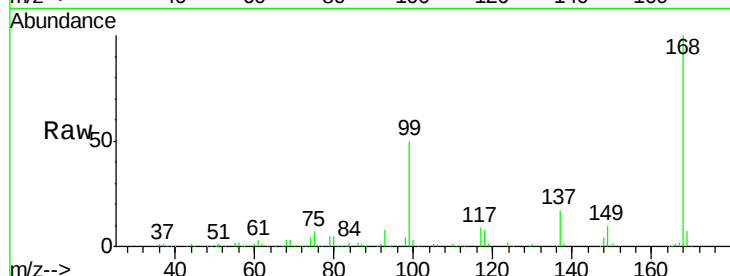
DUP-0466-180611

Tot Ion:168 Resp: 212674

Ion Ratio Lower Upper

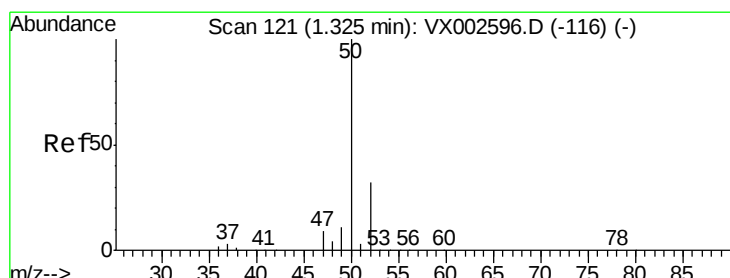
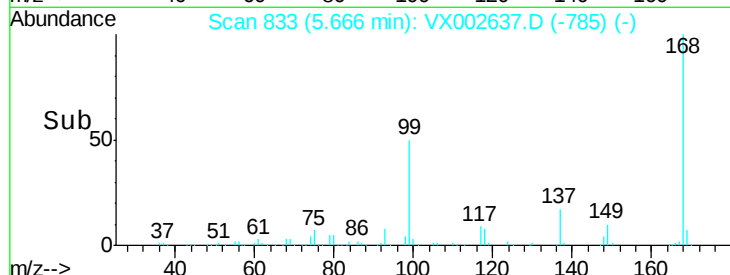
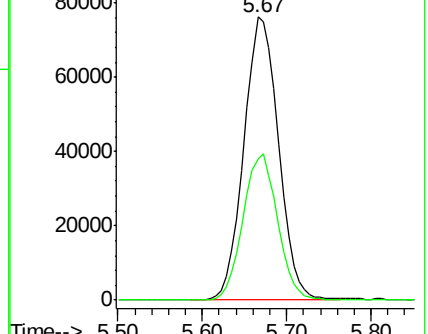
168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002637.D

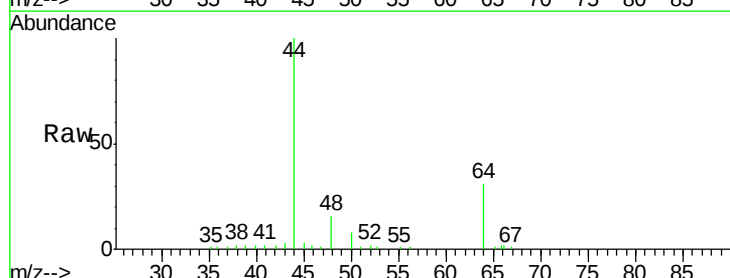
Acq: 16 Jun 2018 10:17

Tgt Ion: 50 Resp: 736

Ion Ratio Lower Upper

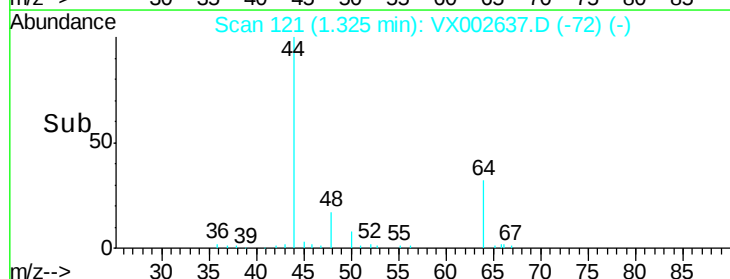
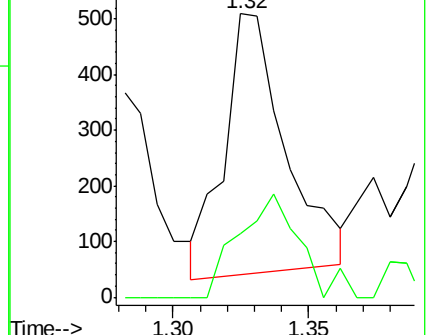
50 100

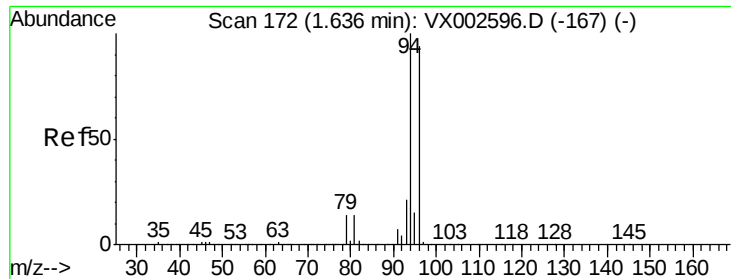
52 28.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.53 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

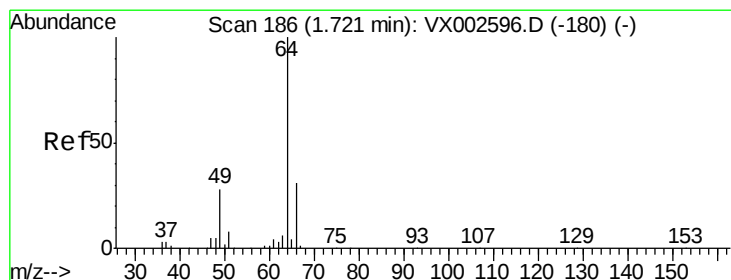
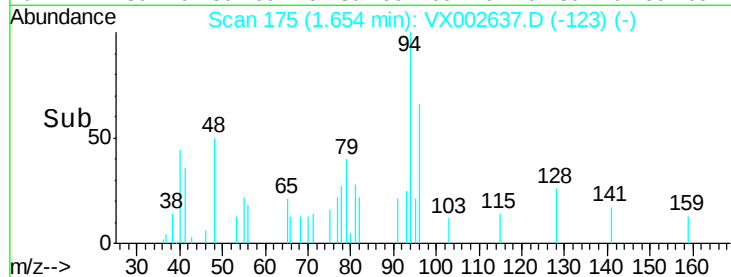
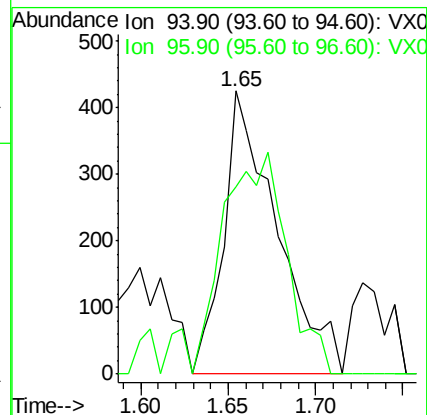
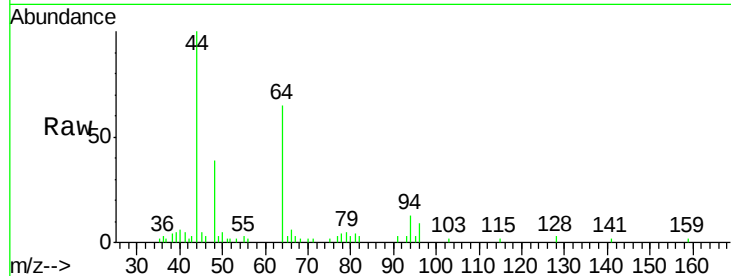
DUP-0466-180611

Tot Ion: 94 Resp: 898

Ion Ratio Lower Upper

94 100

96 66.1 74.9 112.3#



#6

Chloroethane

Concen: 0.36 ug/l

RT: 1.76 min Scan# 193

Delta R.T. 0.04 min

Lab File: VX002637.D

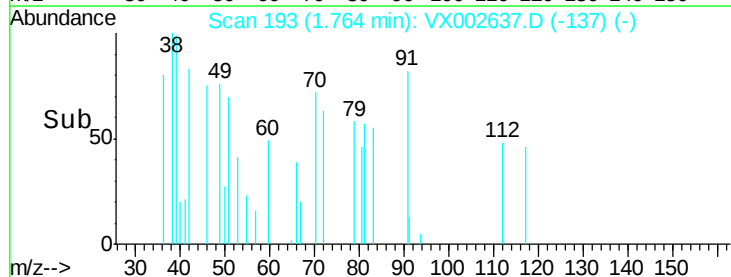
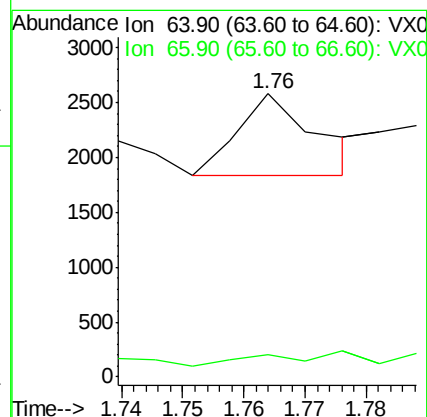
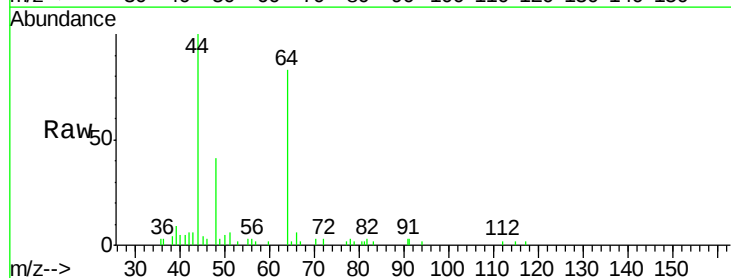
Acq: 16 Jun 2018 10:17

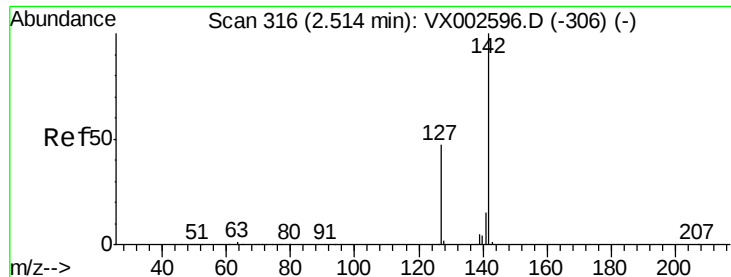
Tgt Ion: 64 Resp: 654

Ion Ratio Lower Upper

64 100

66 13.2 25.5 38.3#

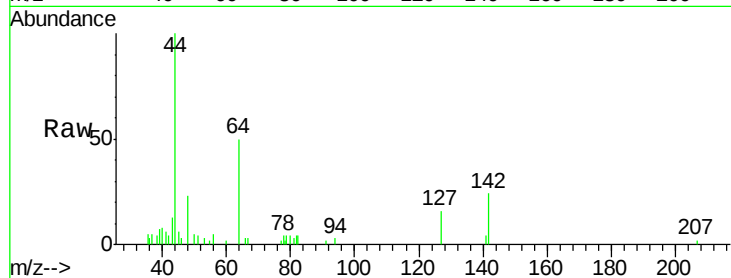




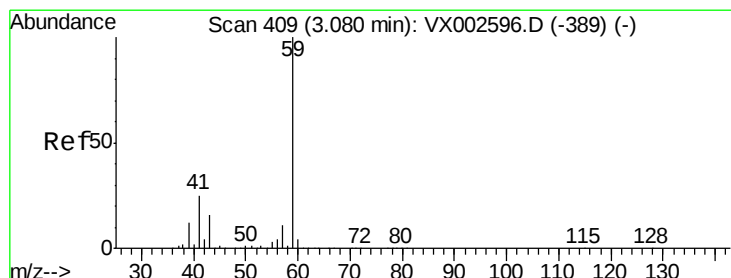
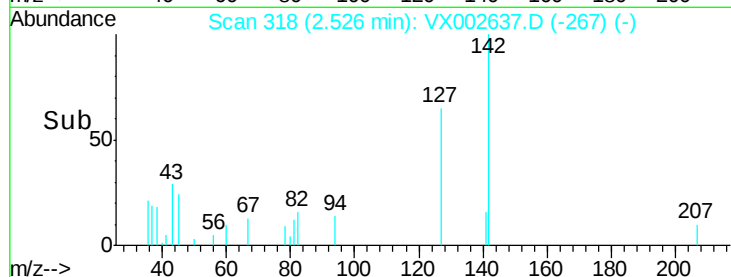
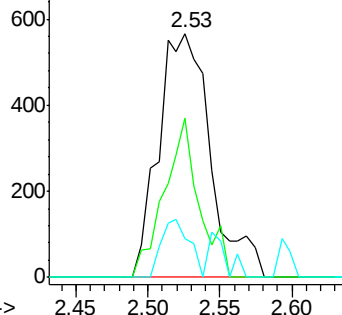
#10
Methyl Iodide
Concen: 5.56 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

Instrument :
MSVOA_X
ClientSampleId :
DUP-0466-180611

Tot Ion:142 Resp: 1430
Ion Ratio Lower Upper
142 100
127 43.8 36.6 55.0
141 12.8 11.3 16.9

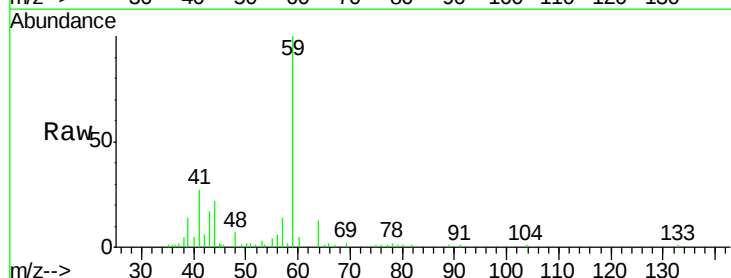


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

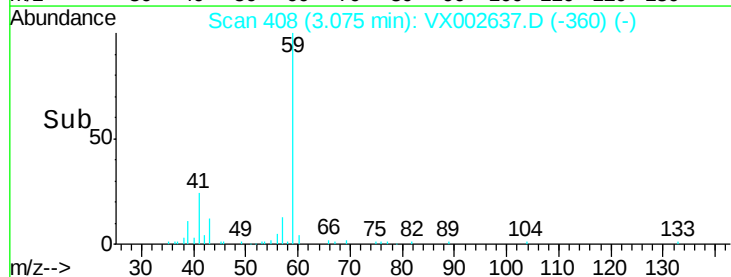
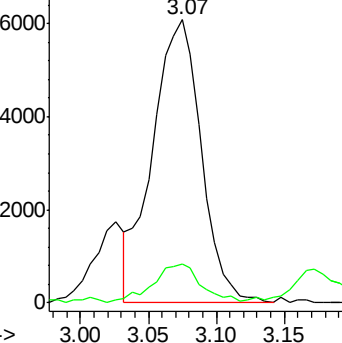


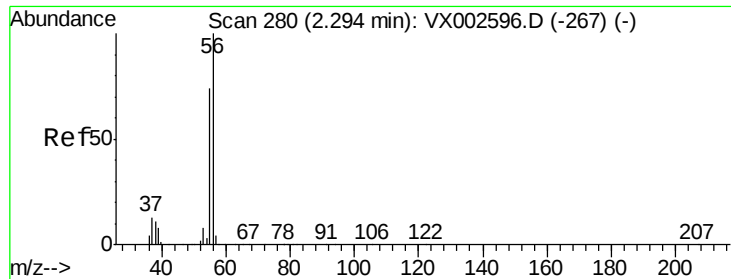
#11
Tert butyl alcohol
Concen: 22.71 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

Tgt Ion: 59 Resp: 15170
Ion Ratio Lower Upper
59 100
57 13.9 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 6.99 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

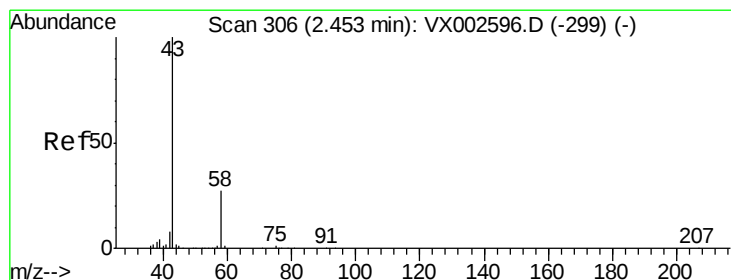
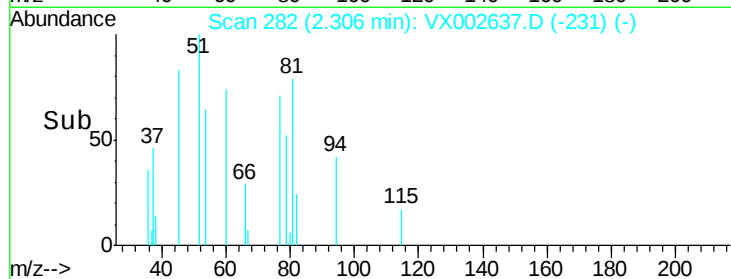
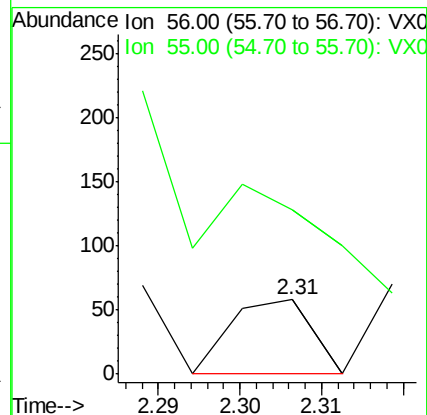
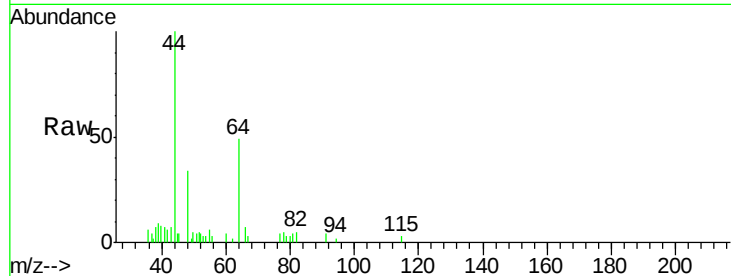
DUP-0466-180611

Tot Ion: 56 Resp: 40

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 2.93 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002637.D

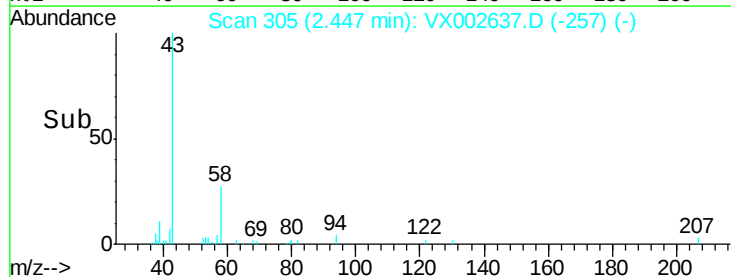
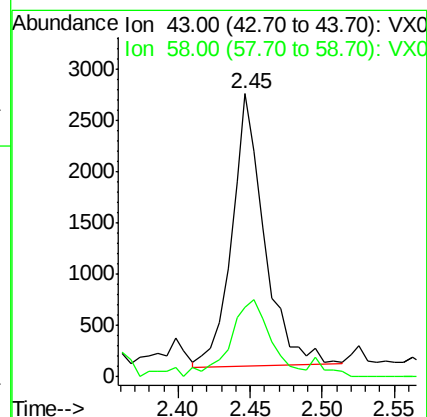
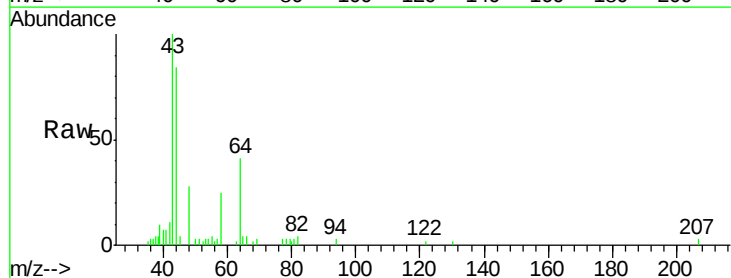
Acq: 16 Jun 2018 10:17

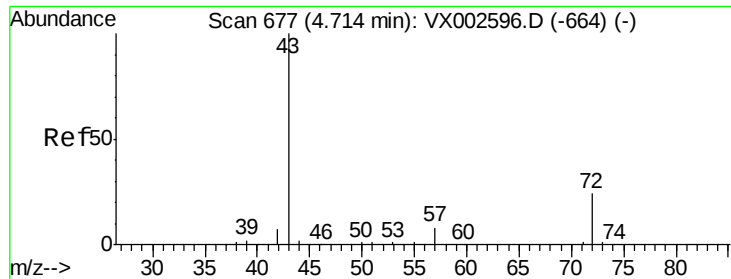
Tgt Ion: 43 Resp: 4173

Ion Ratio Lower Upper

43 100

58 23.9 22.1 33.1





#25

2-Butanone

Concen: 0.72 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

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ClientSampleId :

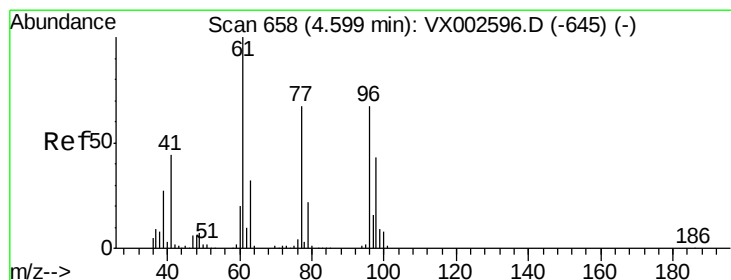
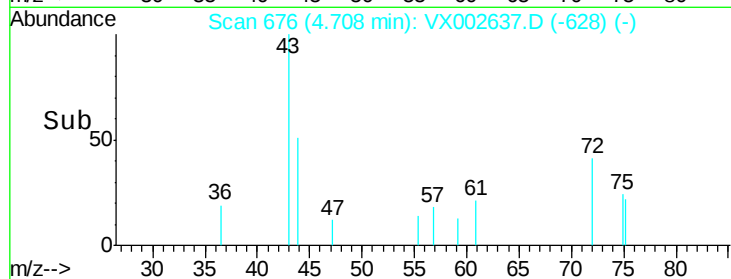
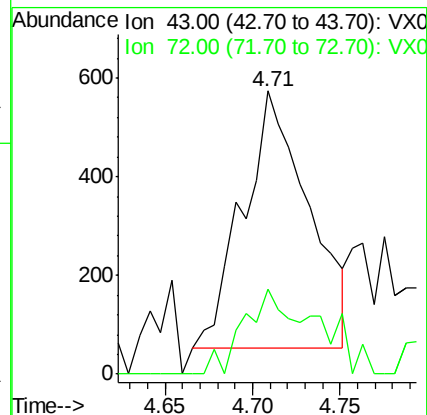
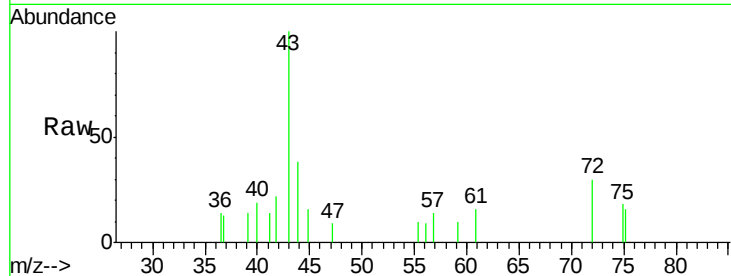
DUP-0466-180611

Tot Ion: 43 Resp: 1357

Ion Ratio Lower Upper

43 100

72 33.3 18.5 27.7#



#27

cis-1,2-Dichloroethene

Concen: 0.77 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

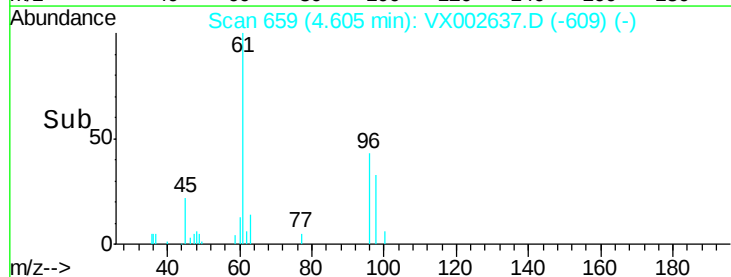
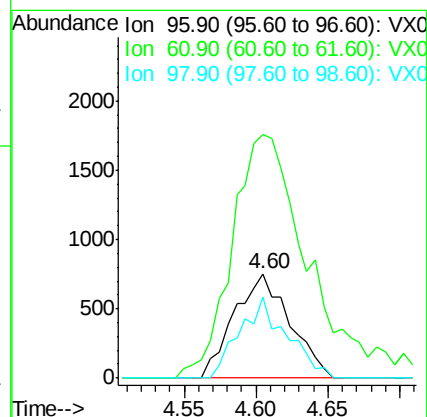
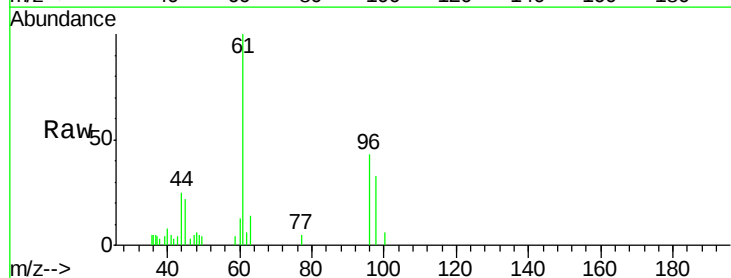
Tgt Ion: 96 Resp: 2014

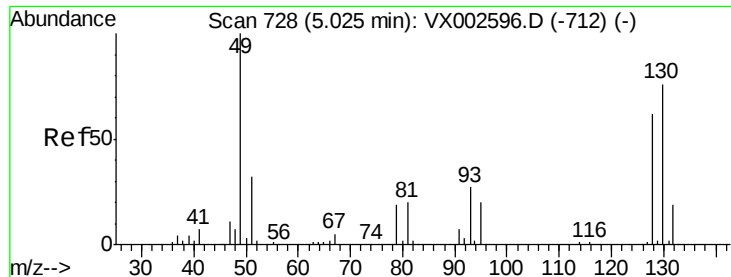
Ion Ratio Lower Upper

96 100

61 323.0 0.0 330.2

98 66.1 0.0 130.2





#28

Bromochloromethane

Concen: 0.21 ug/l

RT: 5.06 min Scan# 733

Delta R.T. 0.03 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

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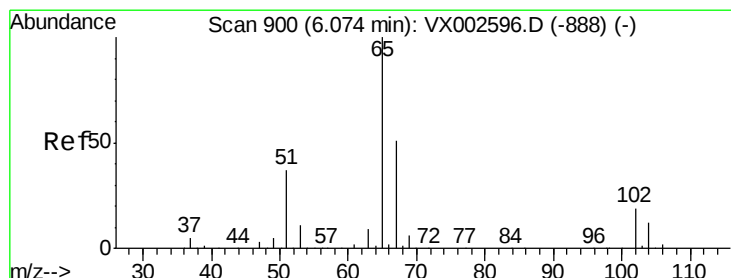
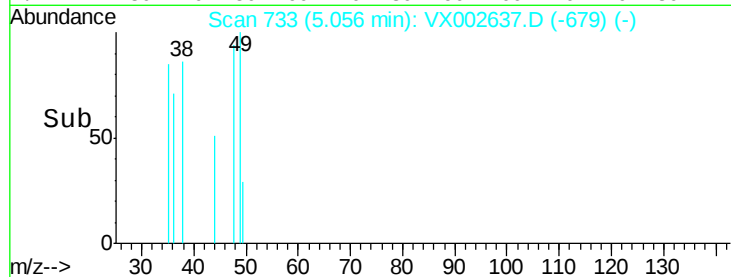
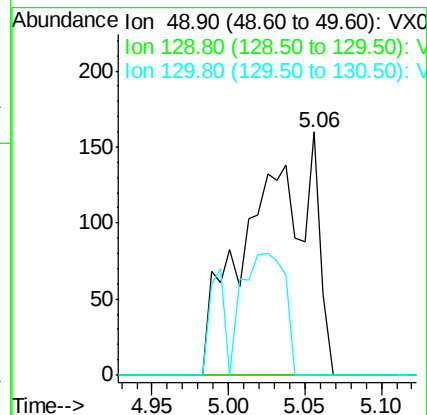
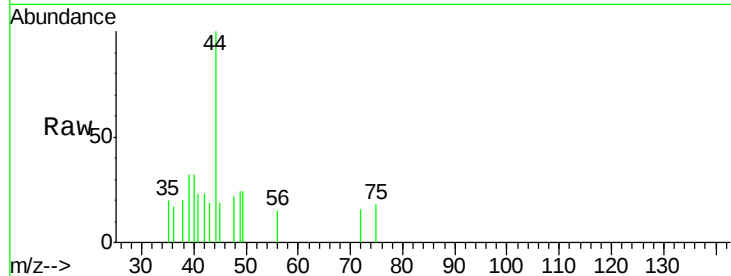
Tot Ion: 49 Resp: 463

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#



#33

1,2-Dichloroethane-d4

Concen: 45.93 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002637.D

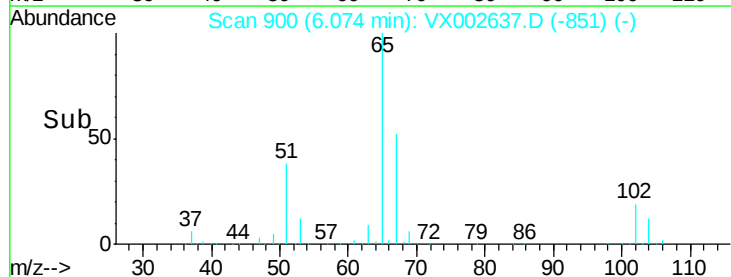
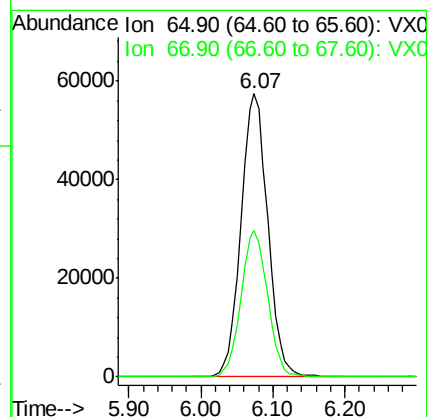
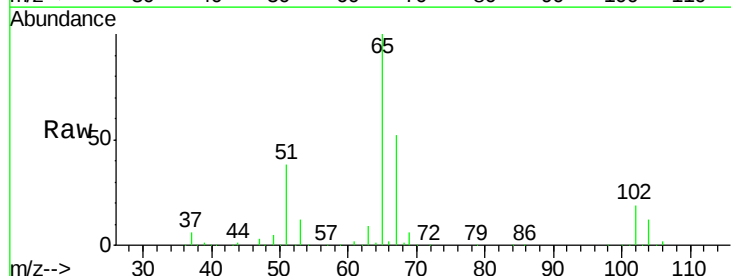
Acq: 16 Jun 2018 10:17

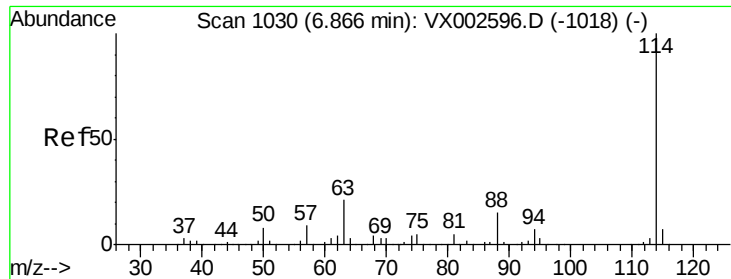
Tgt Ion: 65 Resp: 148432

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002637.D

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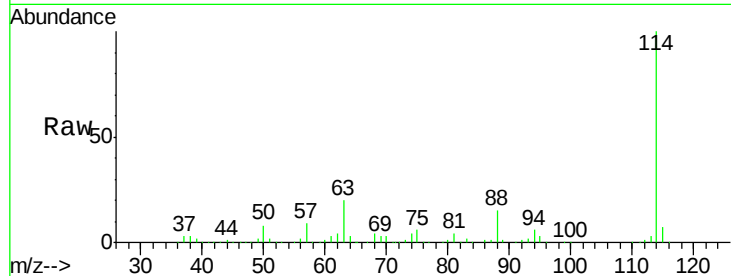
Tot Ion:114 Resp: 304405

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

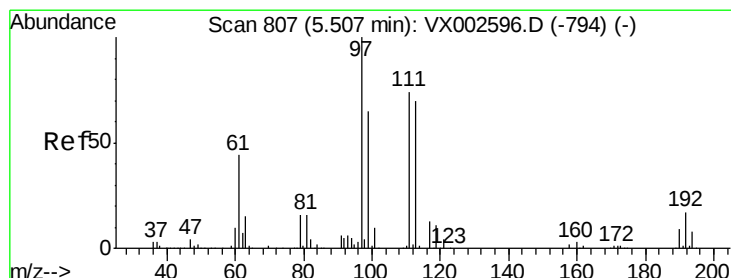
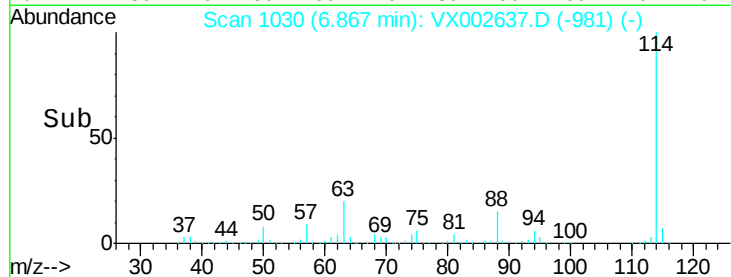
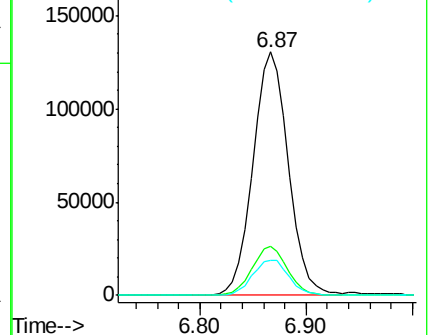
88 14.6 0.0 30.0



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: 46.27 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

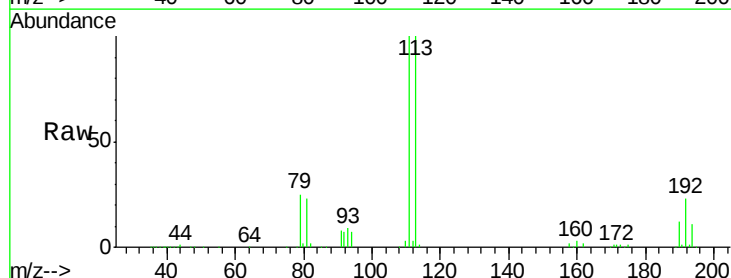
Tgt Ion:113 Resp: 112400

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

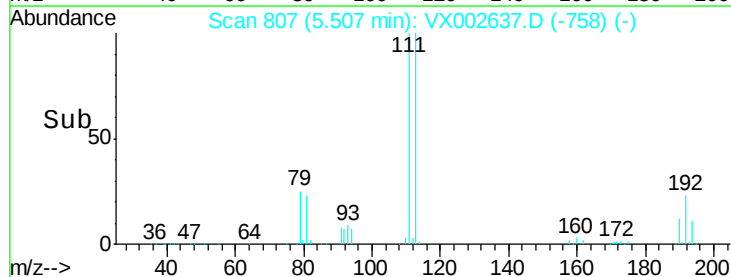
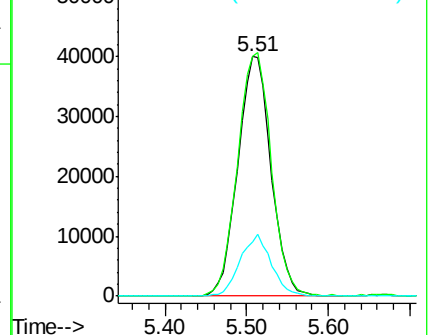
192 24.2 19.1 28.7

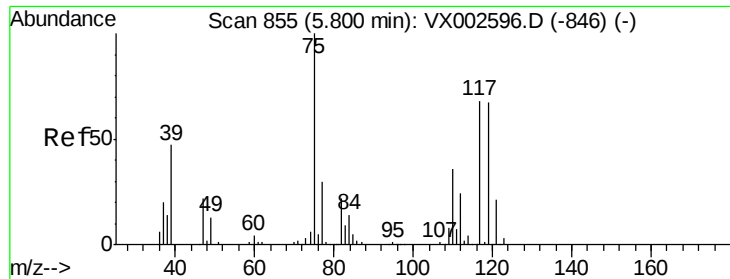


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

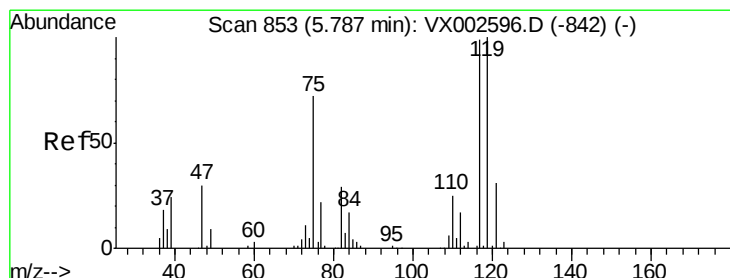
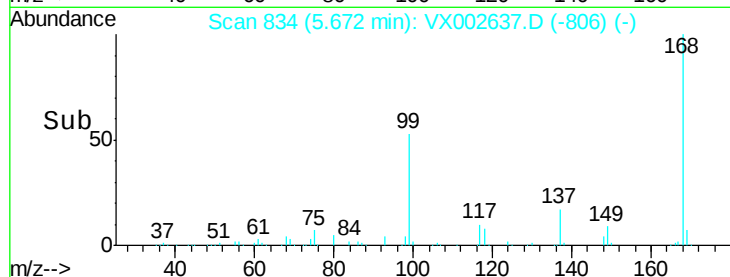
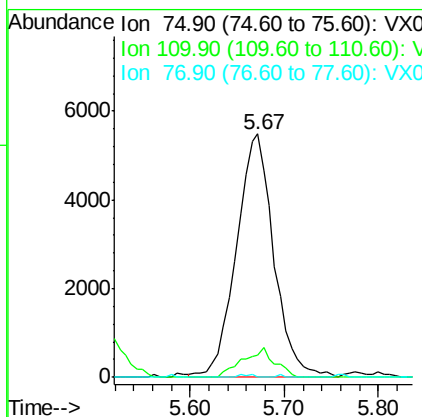
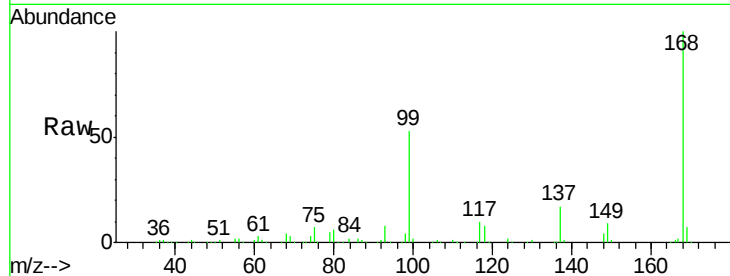




#36
 1,1-Dichloropropene
 Concen: 4.70 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX002637.D
 Acq: 16 Jun 2018 10:17

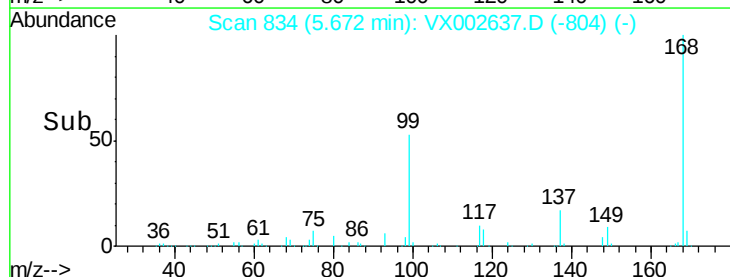
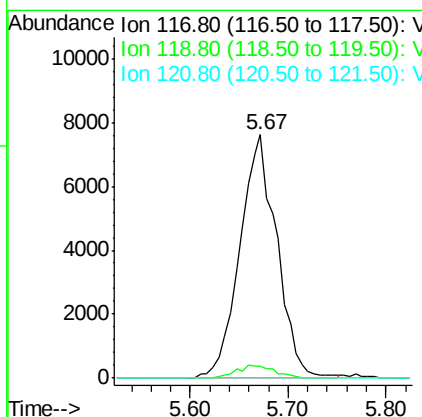
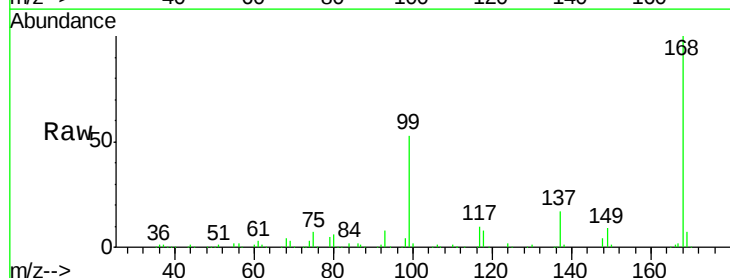
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0466-180611

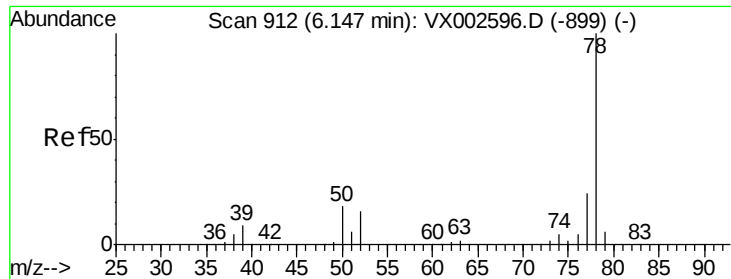
Tot Ion	75	Resp	15192
Ion Ratio	Lower	Upper	
75	100		
110	10.4	18.1	54.4#
77	0.4	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.19 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002637.D
 Acq: 16 Jun 2018 10:17

Tgt Ion	117	Resp	19928
Ion Ratio	Lower	Upper	
117	100		
119	4.8	77.4	116.0#
121	0.0	24.4	36.6#





#40

Benzene

Concen: 3.73 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

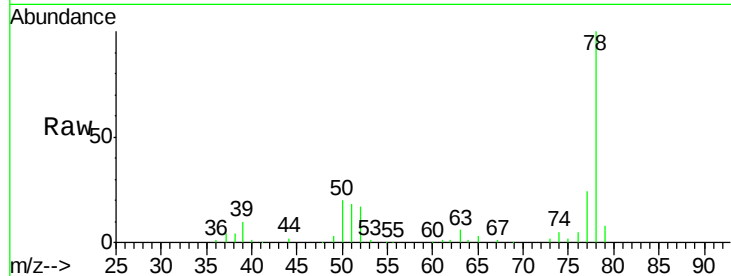
DUP-0466-180611

Tot Ion: 78 Resp: 36170

Ion Ratio Lower Upper

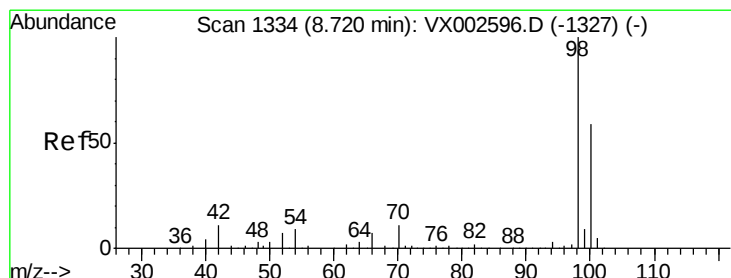
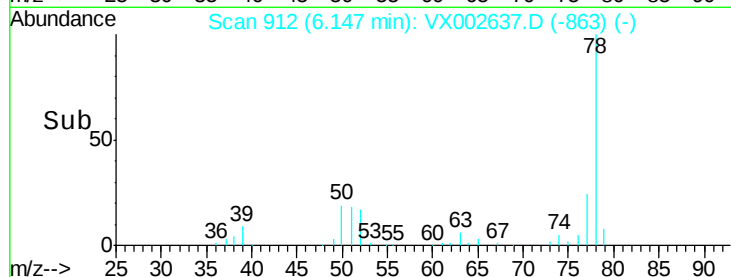
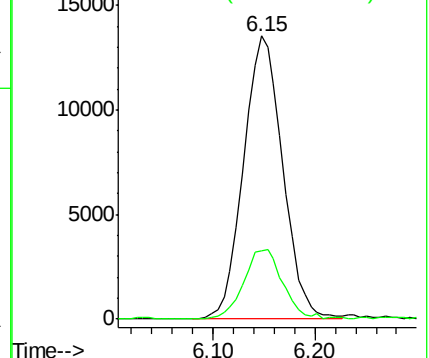
78 100

77 24.1 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 47.39 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002637.D

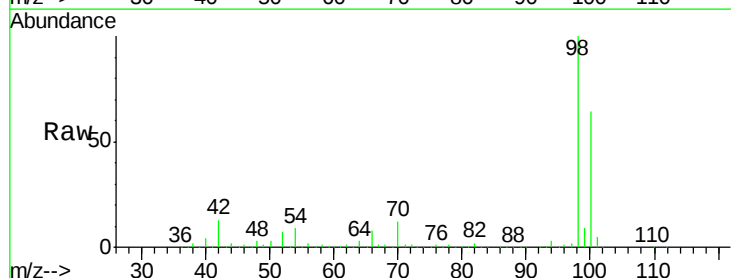
Acq: 16 Jun 2018 10:17

Tgt Ion: 98 Resp: 437127

Ion Ratio Lower Upper

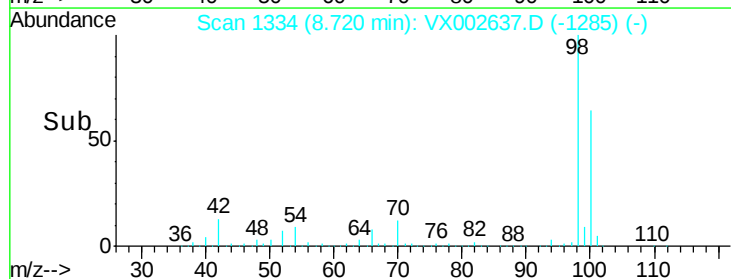
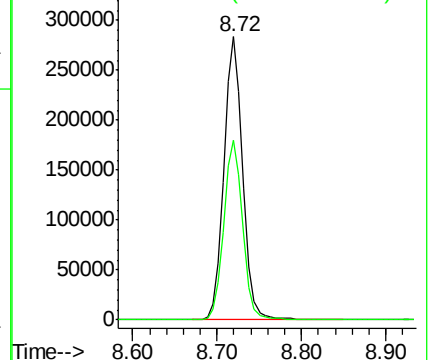
98 100

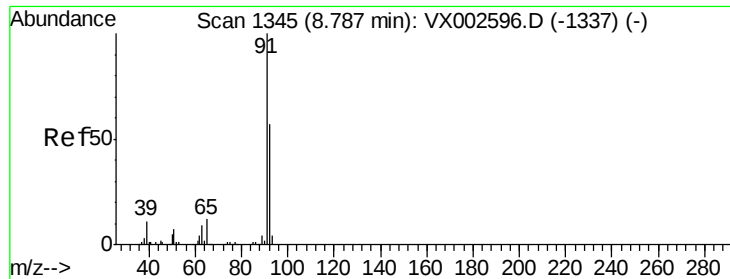
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.32 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

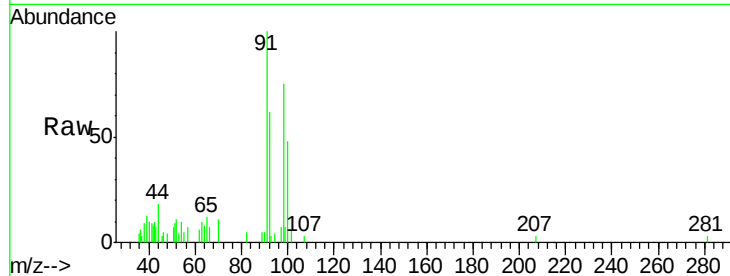
DUP-0466-180611

Tot Ion: 92 Resp: 2006

Ion Ratio Lower Upper

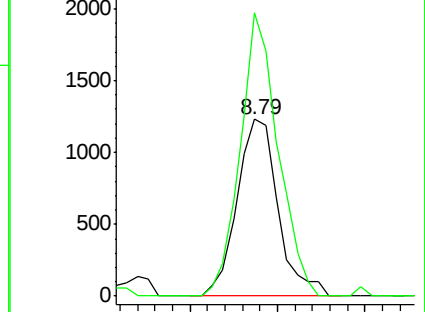
92 100

91 147.7 140.4 210.6

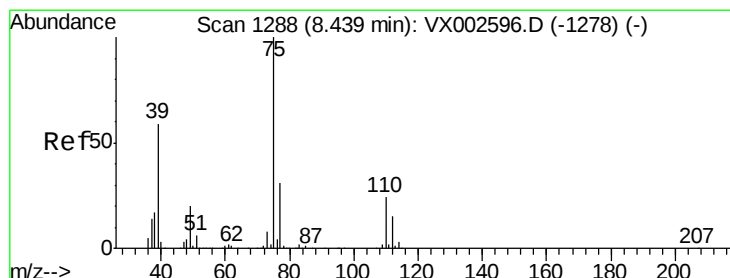
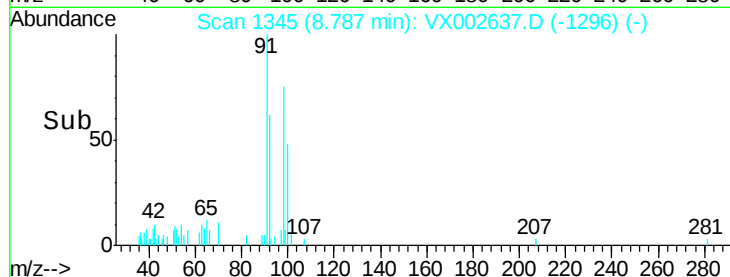


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#53

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 8.38 min Scan# 1279

Delta R.T. -0.05 min

Lab File: VX002637.D

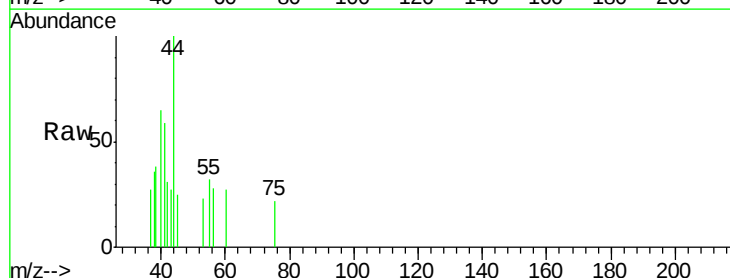
Acq: 16 Jun 2018 10:17

Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

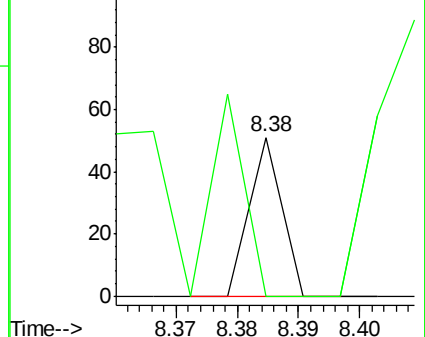
75 100

77 0.0 25.4 38.2#

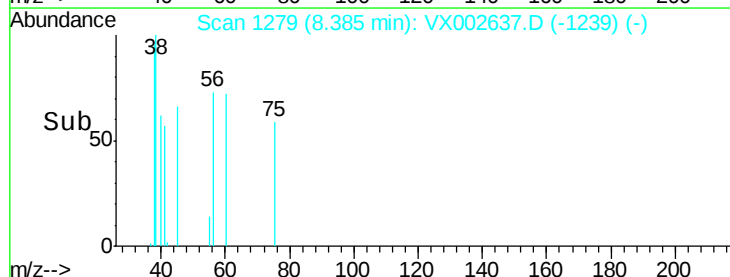


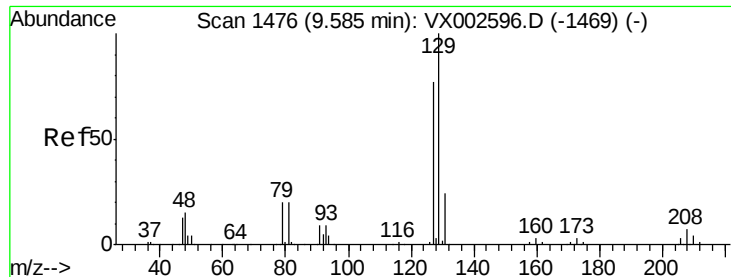
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->





#60

Dibromochloromethane

Concen: 3.82 ug/l

RT: 9.35 min Scan# 1437

Delta R.T. -0.24 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

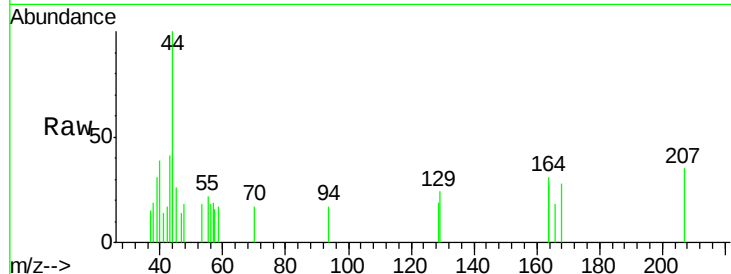
DUP-0466-180611

Tot Ion:129 Resp: 178

Ion Ratio Lower Upper

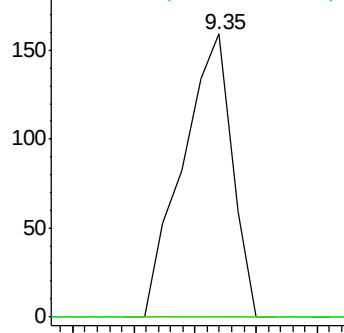
129 100

127 0.0 38.5 115.3#

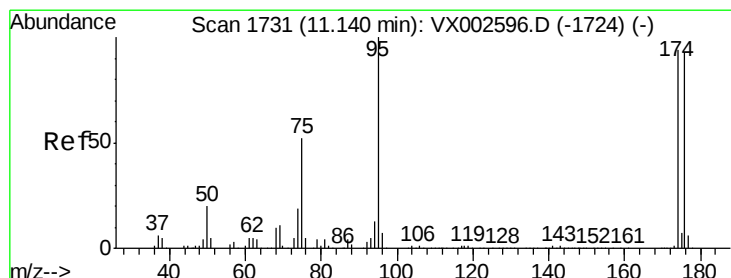
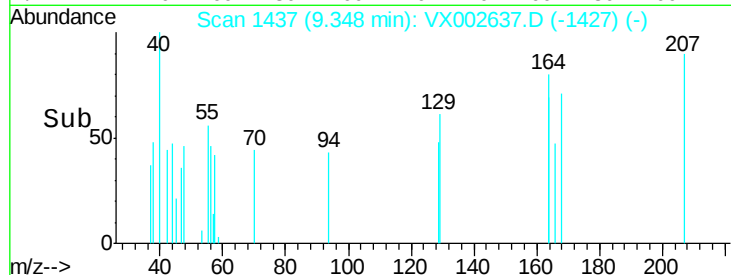


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 46.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

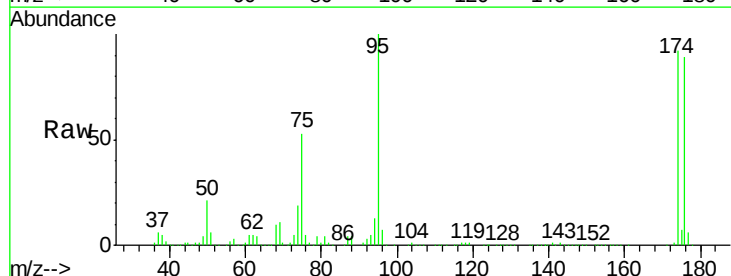
Tgt Ion: 95 Resp: 160831

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

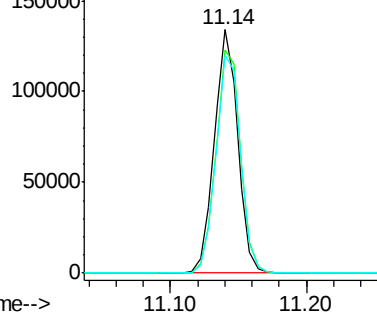
176 94.3 0.0 181.0



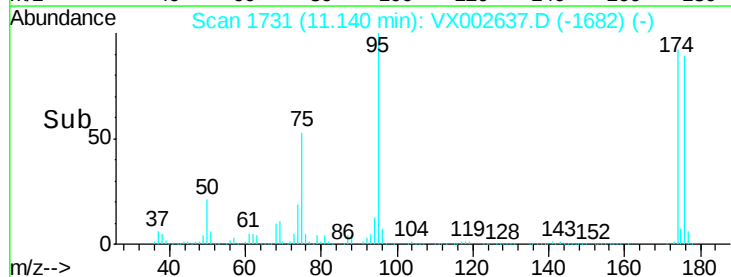
Abundance Ion 94.90 (94.60 to 95.60): VX0

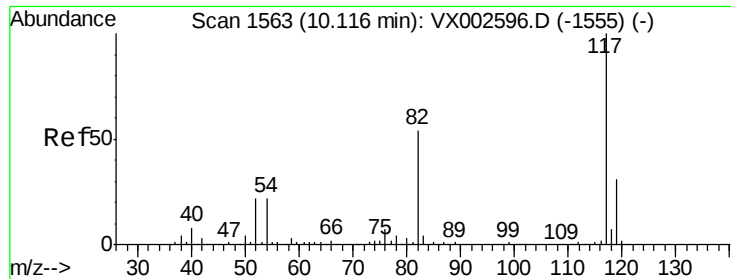
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

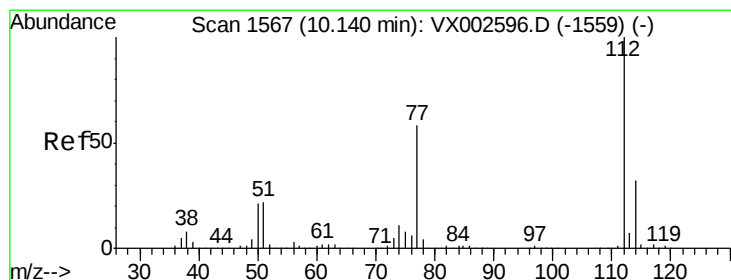
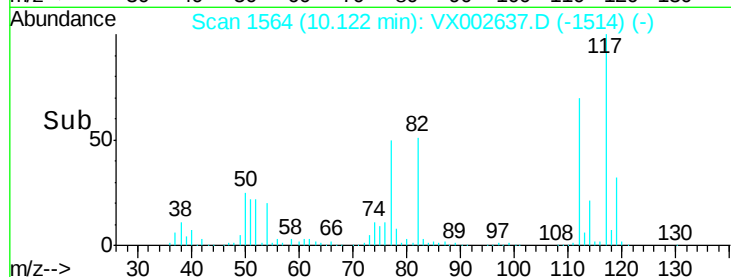
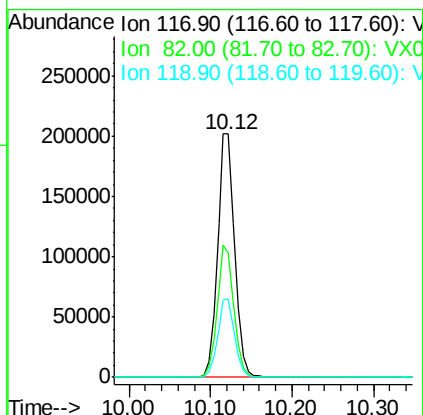
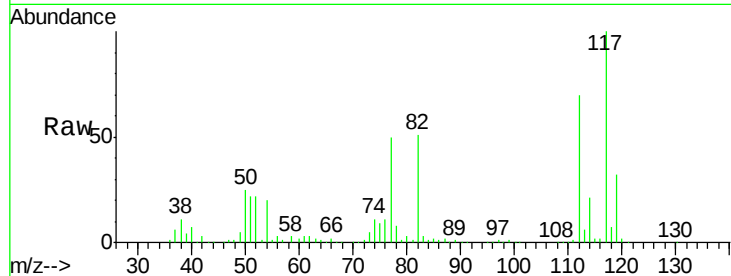




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

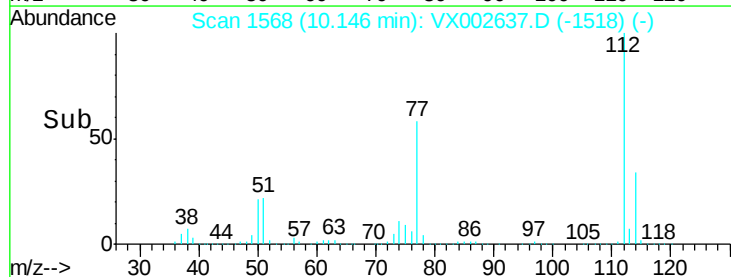
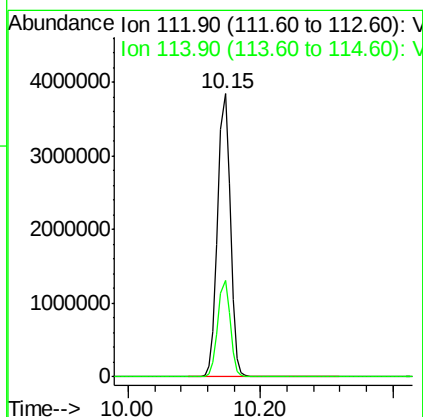
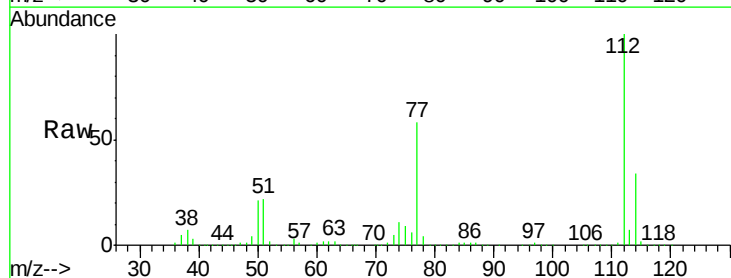
Instrument :
MSVOA_X
ClientSampleId :
DUP-0466-180611

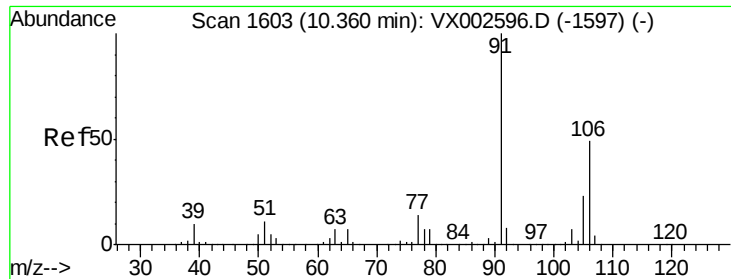
Tot Ion:117 Resp: 296573
Ion Ratio Lower Upper
117 100
82 51.1 45.0 67.4
119 32.2 25.8 38.6



#65
Chlorobenzene
Concen: 695.60 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

Tgt Ion:112 Resp: 5066328
Ion Ratio Lower Upper
112 100
114 34.3 25.3 37.9

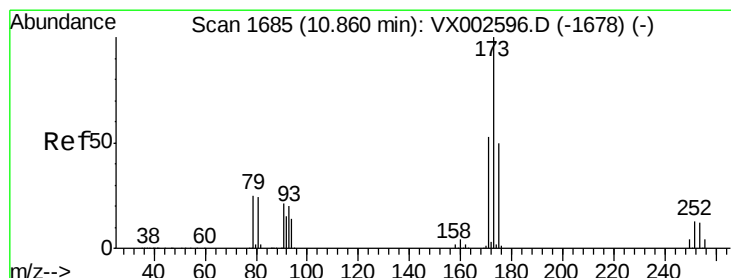
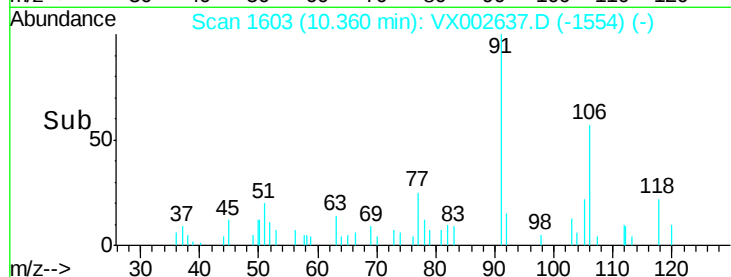
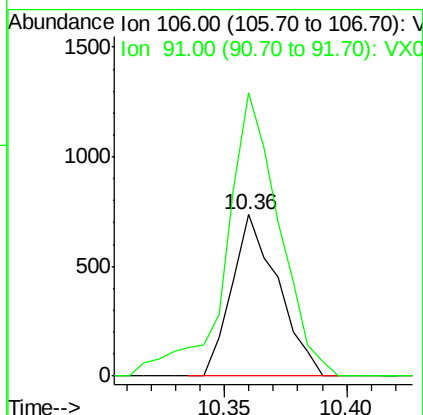
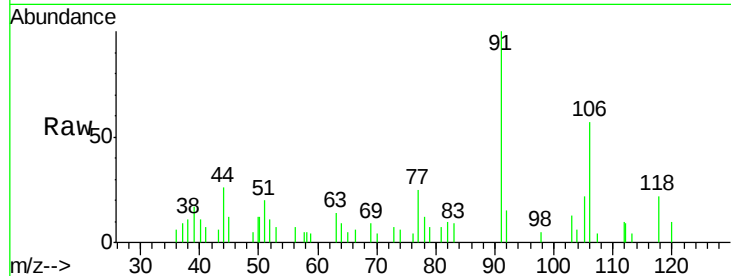




#68
m/p-Xvlenes
Concen: 0.20 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

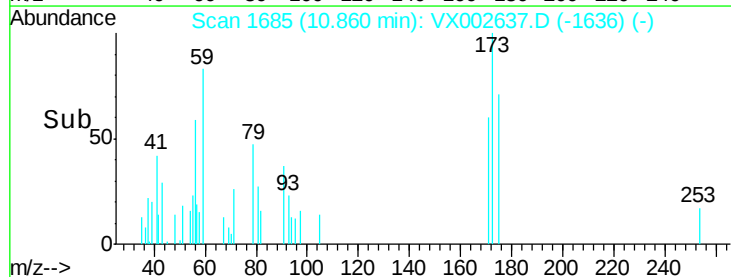
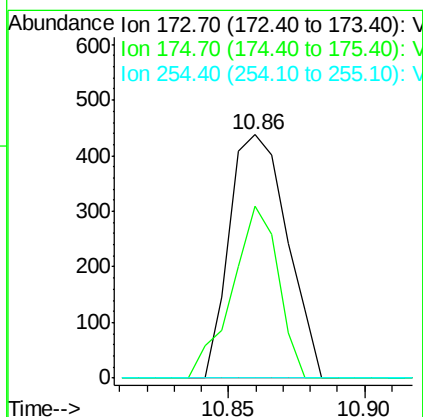
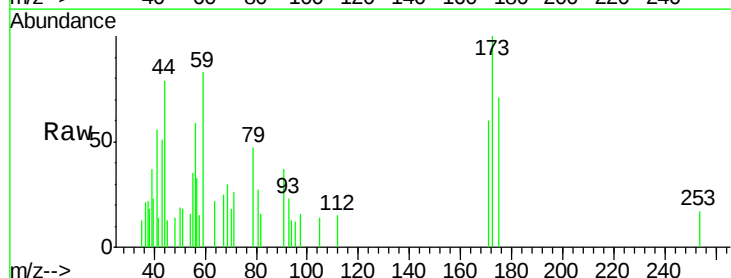
Instrument :
MSVOA_X
ClientSampleId :
DUP-0466-180611

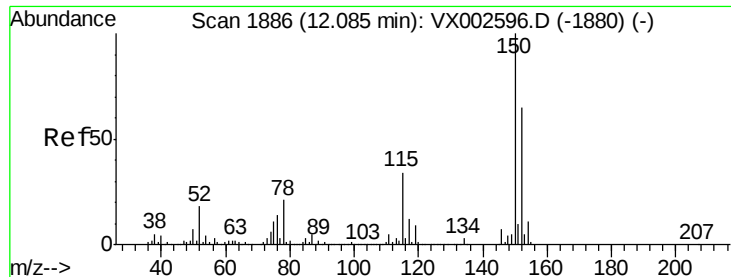
Tot Ion:106 Resp: 970
Ion Ratio Lower Upper
106 100
91 200.9 163.4 245.2



#71
Bromoform
Concen: 5.10 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

Tgt Ion:173 Resp: 643
Ion Ratio Lower Upper
173 100
175 56.6 24.7 74.1
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

DUP-0466-180611

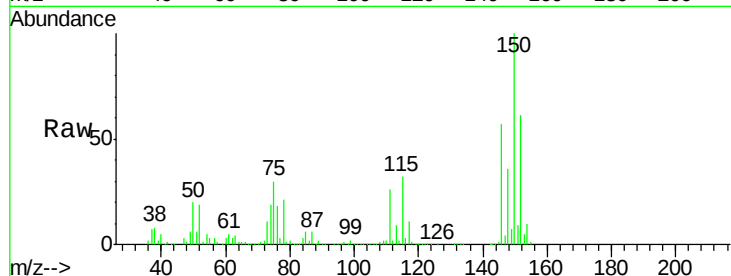
Tot Ion:152 Resp: 178753

Ion Ratio Lower Upper

152 100

115 54.2 40.1 120.2

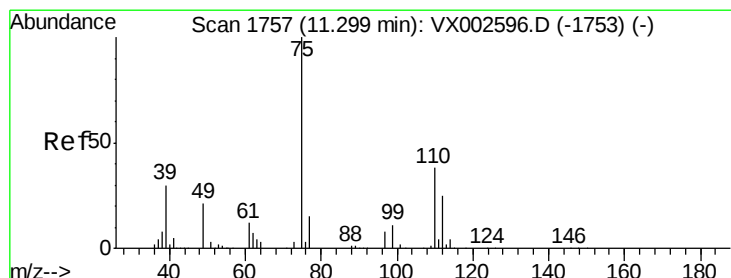
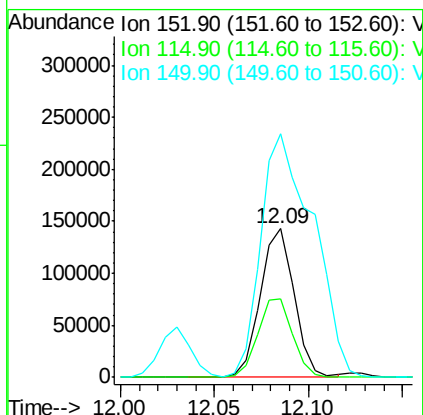
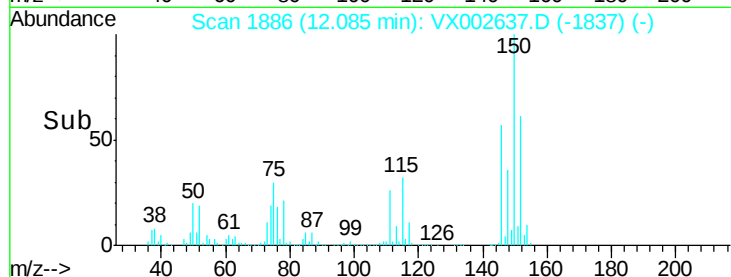
150 252.6 0.0 347.2



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: 25.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002637.D

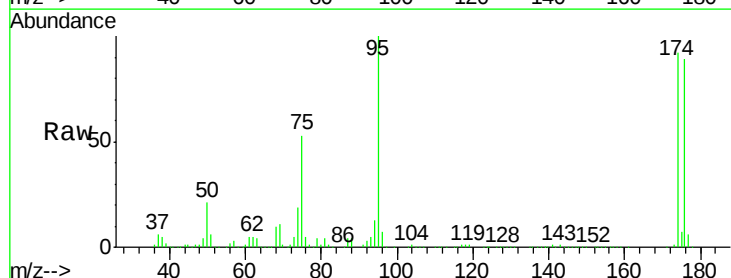
Acq: 16 Jun 2018 10:17

Tgt Ion: 75 Resp: 85178

Ion Ratio Lower Upper

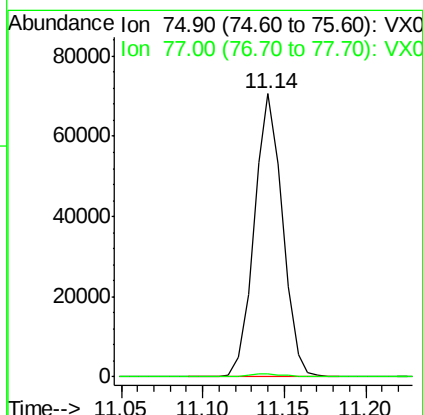
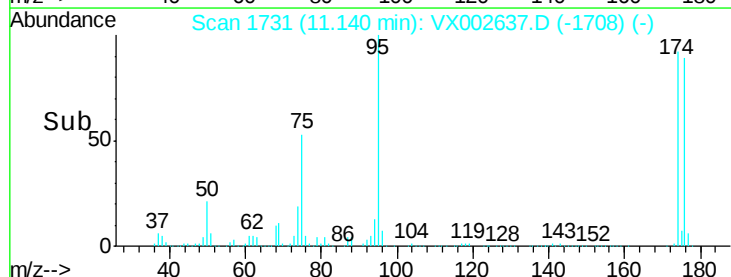
75 100

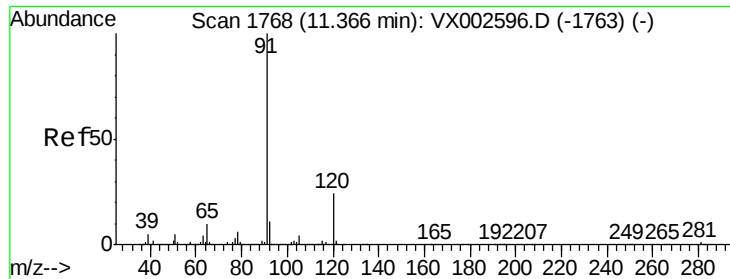
77 1.5 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

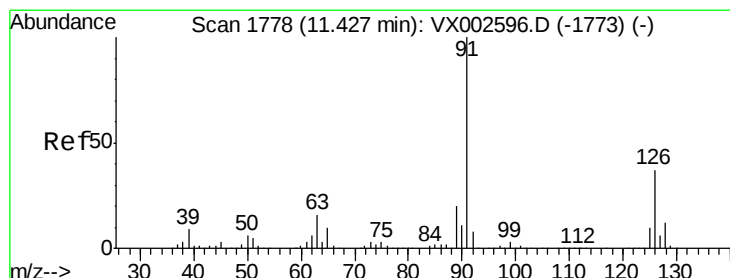
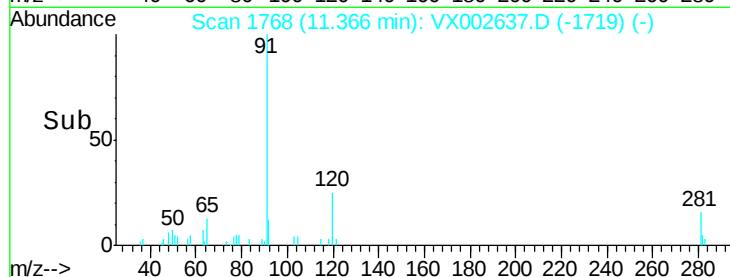
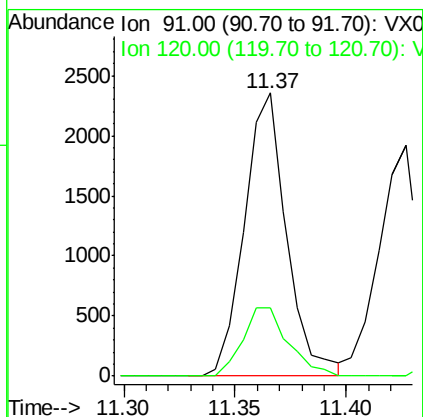
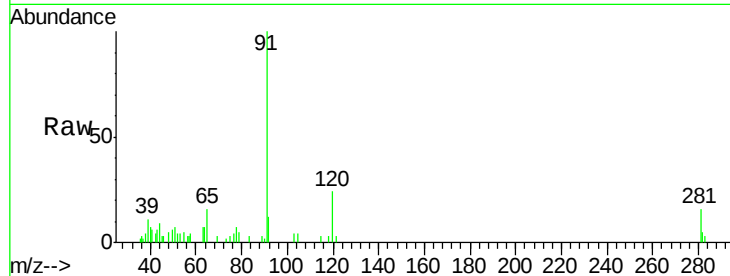




#78
n-propylbenzene
Concen: 0.23 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

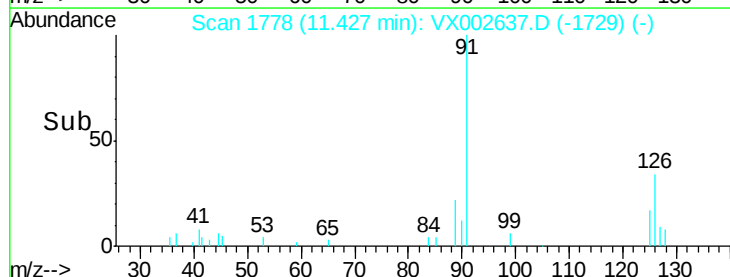
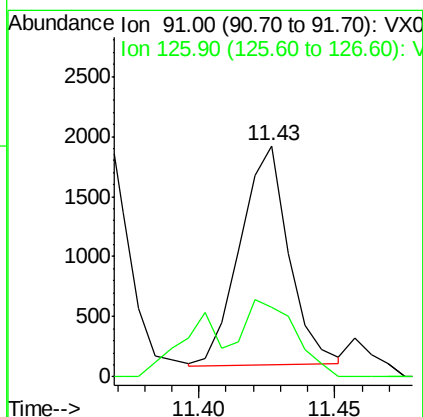
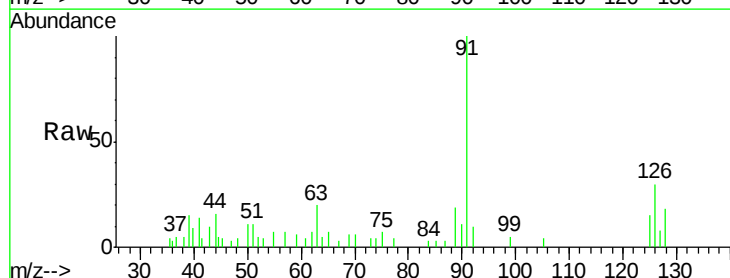
Instrument :
MSVOA_X
ClientSampleId :
DUP-0466-180611

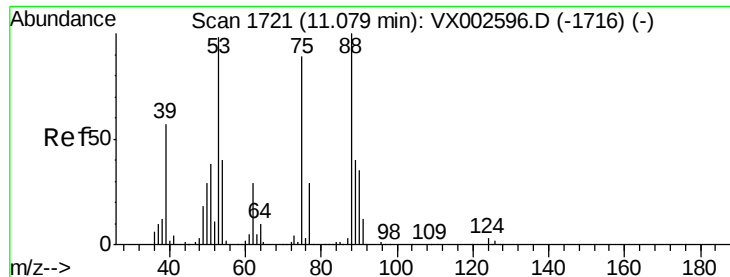
Tot Ion: 91 Resp: 3113
Ion Ratio Lower Upper
91 100
120 26.1 11.8 35.4



#79
2-Chlorotoluene
Concen: 0.28 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

Tgt Ion: 91 Resp: 2262
Ion Ratio Lower Upper
91 100
126 38.2 17.7 53.1





#81

trans-1,4-Dichloro-2-butene

Concen: 78.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

DUP-0466-180611

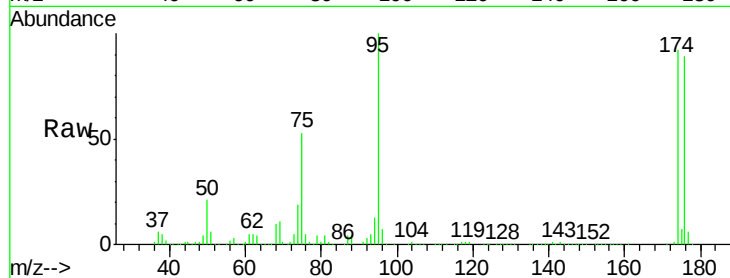
Tot Ion: 75 Resp: 85178

Ion Ratio Lower Upper

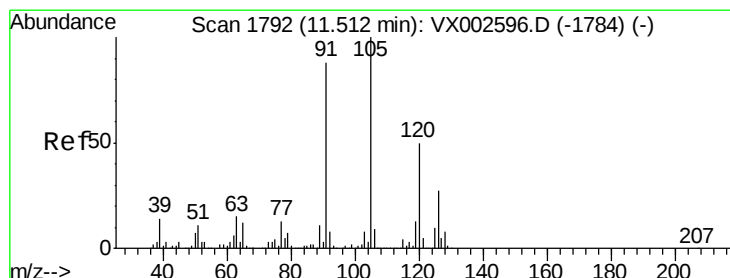
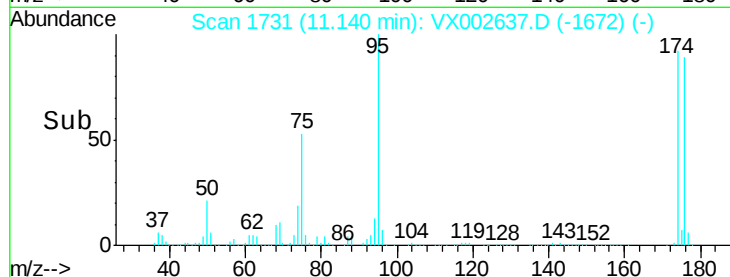
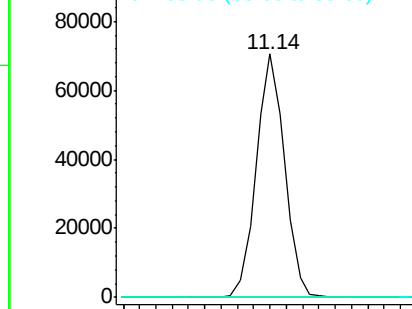
75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#



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



#82

4-Chlorotoluene

Concen: 0.23 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.09 min

Lab File: VX002637.D

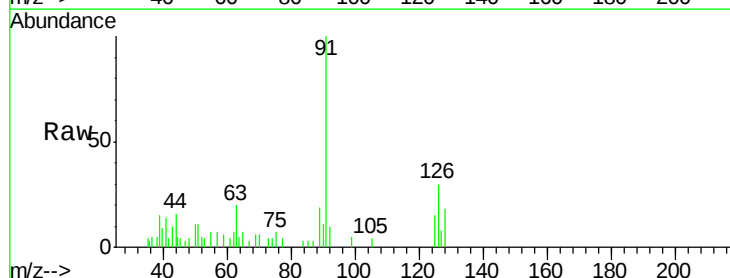
Acq: 16 Jun 2018 10:17

Tgt Ion: 91 Resp: 2262

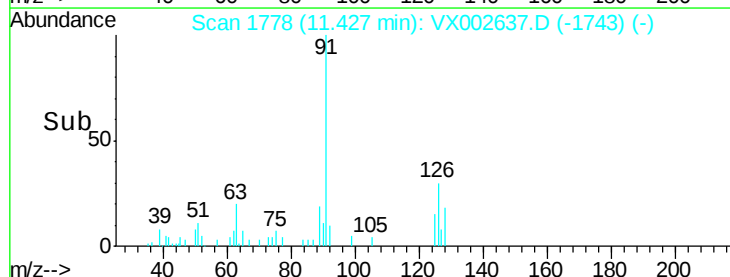
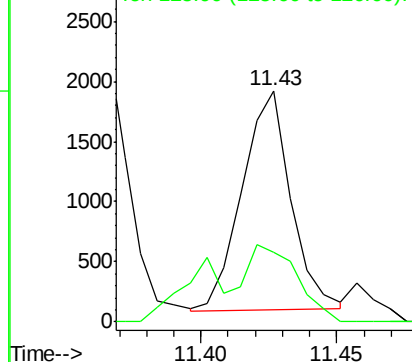
Ion Ratio Lower Upper

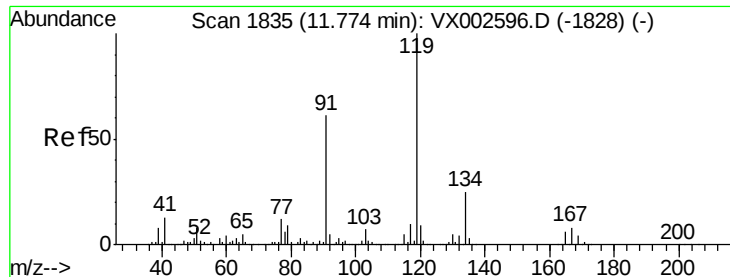
91 100

126 38.2 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

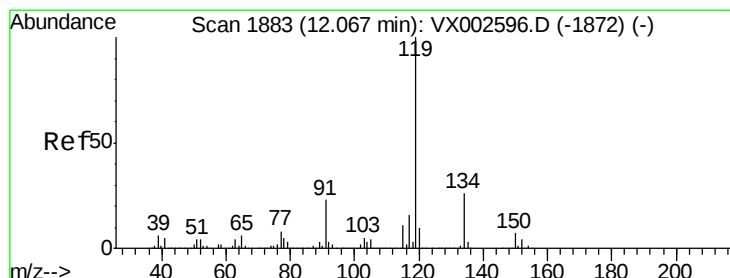
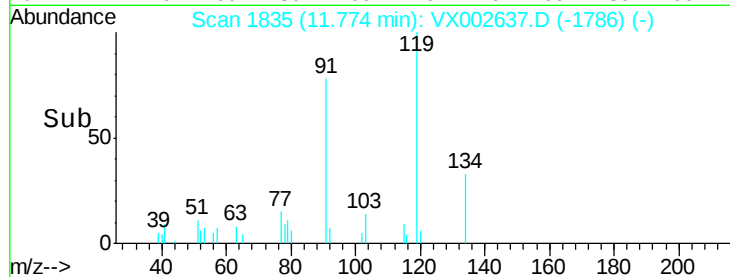
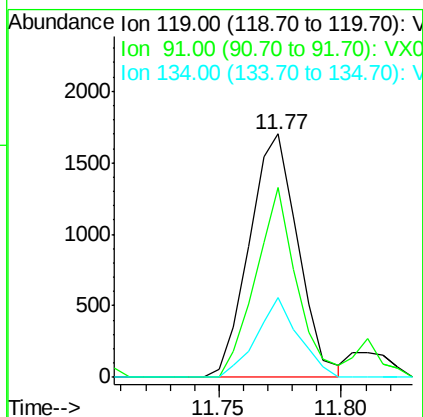
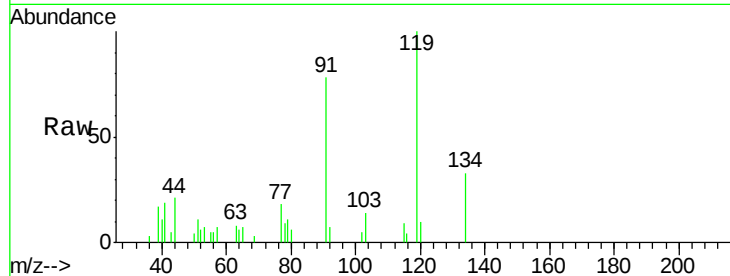




#83
tert-Butylbenzene
Concen: 0.24 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

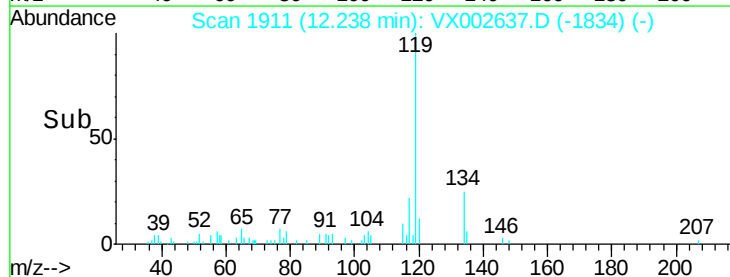
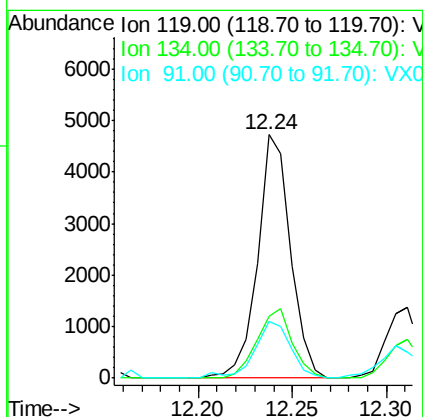
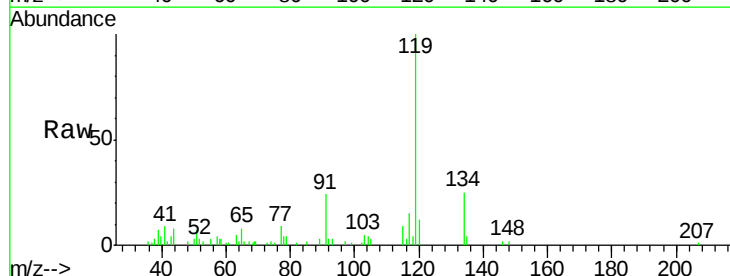
Instrument :
MSVOA_X
ClientSampleId :
DUP-0466-180611

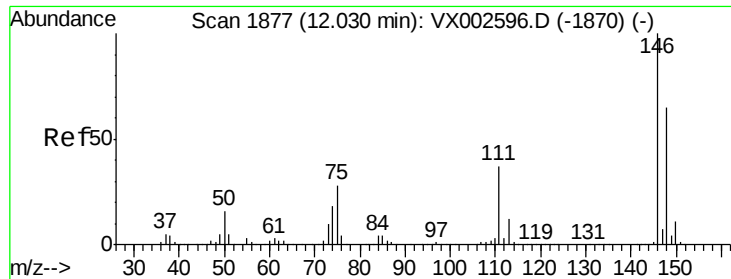
Tot Ion:119 Resp: 2340
Ion Ratio Lower Upper
119 100
91 66.4 30.3 90.9
134 28.5 11.7 35.1



#86
p-Isopropyltoluene
Concen: 0.52 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX002637.D
Acq: 16 Jun 2018 10:17

Tgt Ion:119 Resp: 5682
Ion Ratio Lower Upper
119 100
134 30.7 13.4 40.1
91 25.8 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 88.45 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

DUP-0466-180611

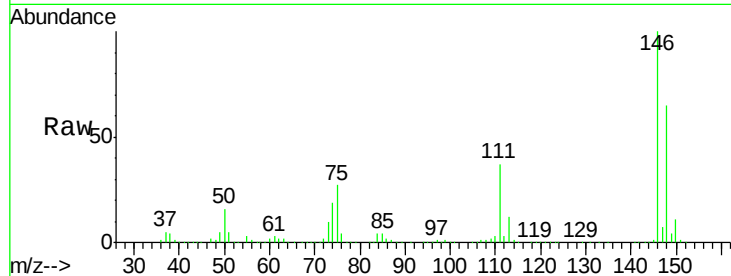
Tot Ion:146 Resp: 540246

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.7

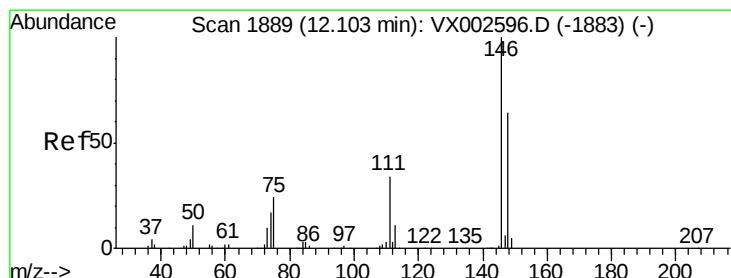
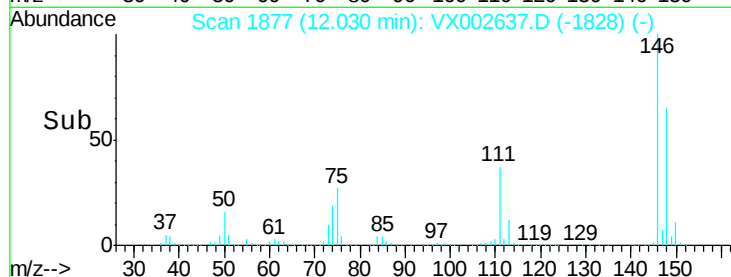
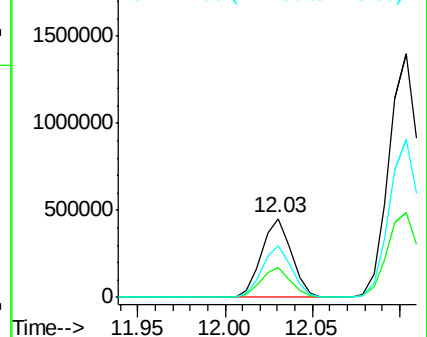
148 64.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 266.58 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

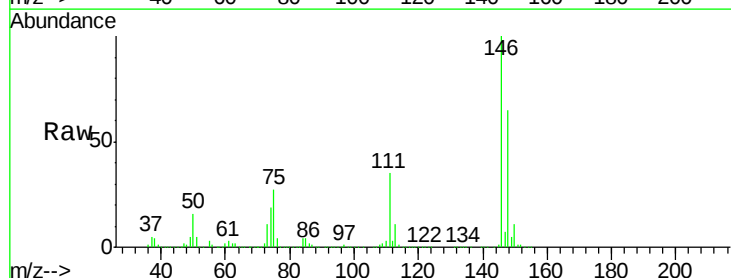
Tgt Ion:146 Resp: 1656738

Ion Ratio Lower Upper

146 100

111 35.9 18.7 56.1

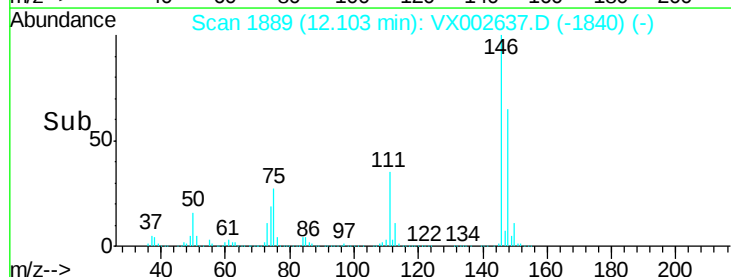
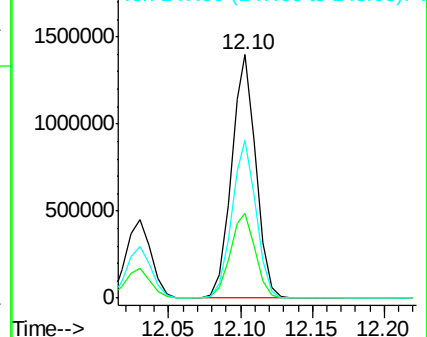
148 64.6 32.4 97.0

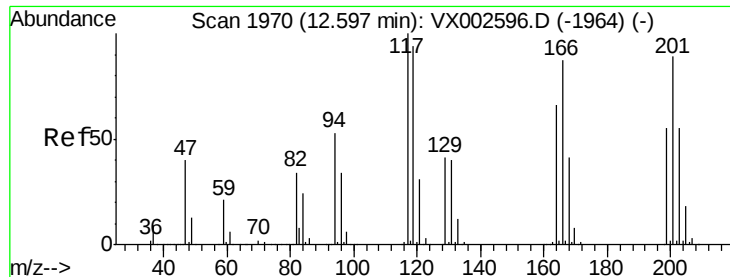


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 3.10 ug/l

RT: 12.55 min Scan# 1962

Delta R.T. -0.05 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

Instrument :

MSVOA_X

ClientSampleId :

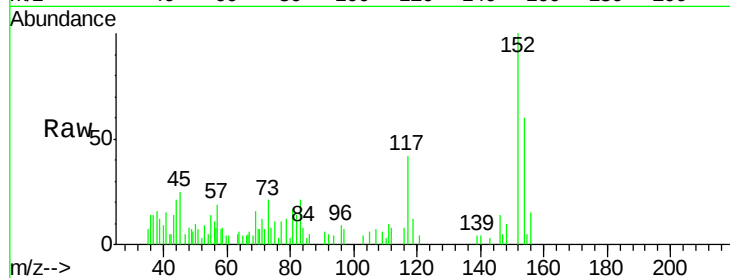
DUP-0466-180611

Tot Ion:117 Resp: 852

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.55

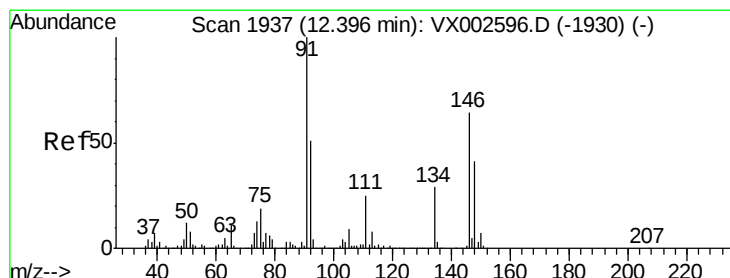
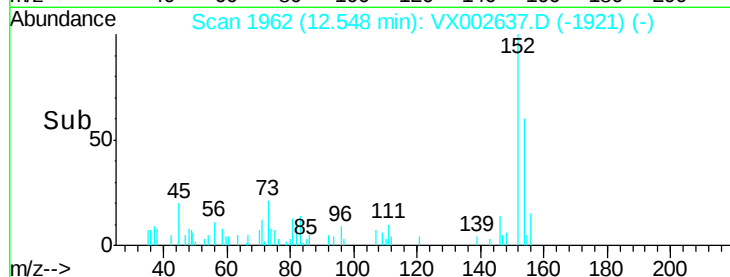
600

400

200

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 1951.73 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX002637.D

Acq: 16 Jun 2018 10:17

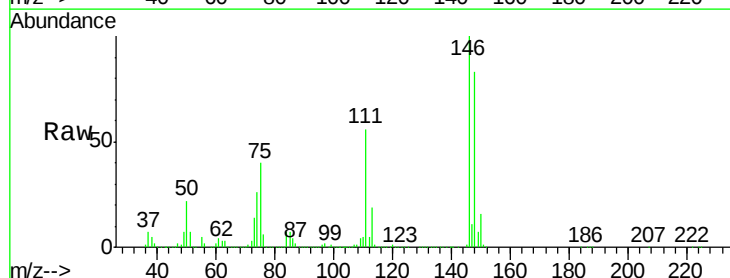
Tgt Ion:146 Resp:11998369

Ion Ratio Lower Upper

146 100

111 46.4 19.4 58.1

148 73.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.40

1e+07

8000000

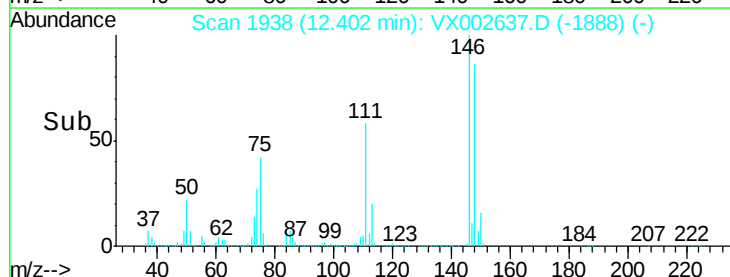
6000000

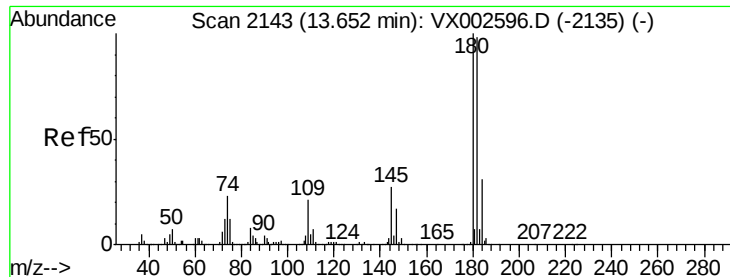
4000000

2000000

0

Time-->

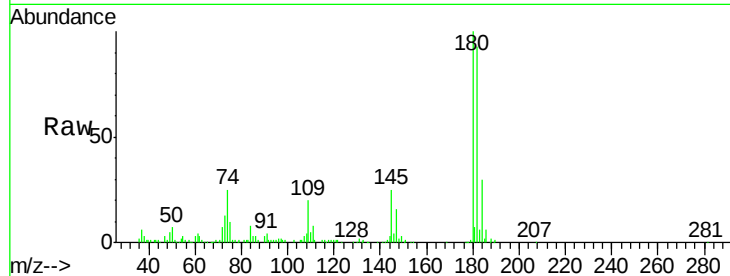




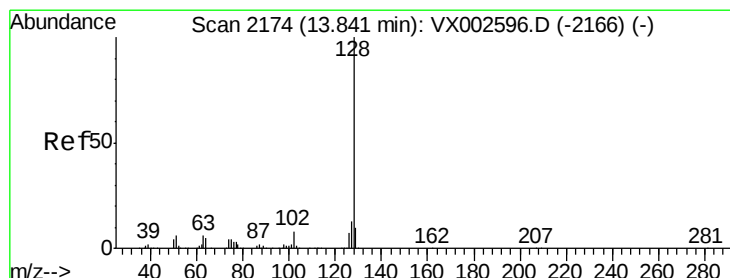
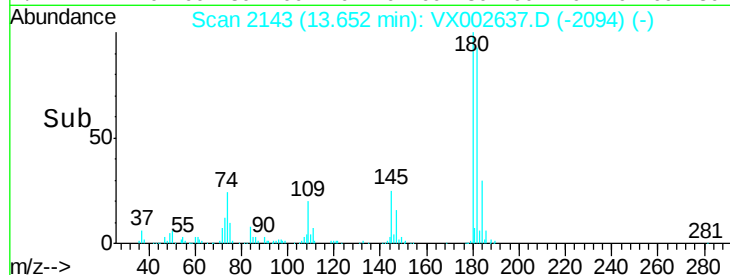
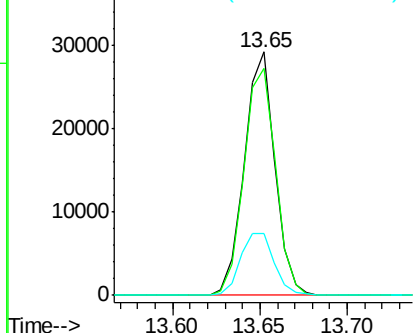
#93
 1,2,4-Trichlorobenzene
 Concen: 7.94 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002637.D
 Acq: 16 Jun 2018 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0466-180611

Tot Ion:180 Resp: 35414
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.7 143.1
 145 28.2 14.1 42.4

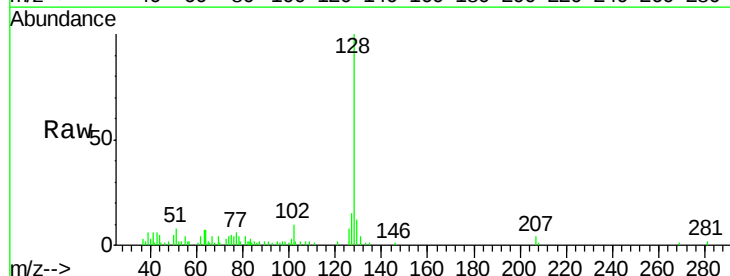


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

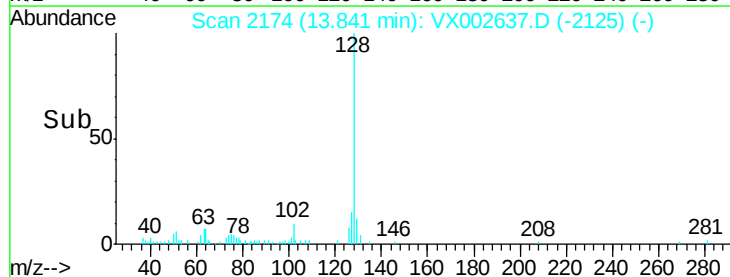
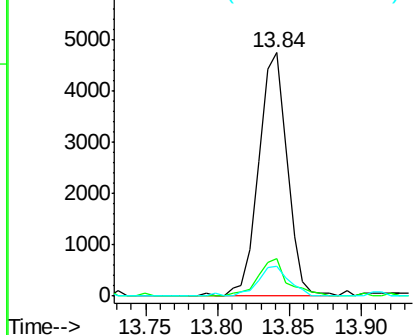


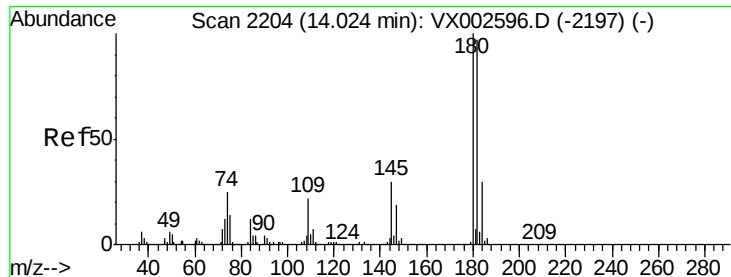
#95
 Naphthalene
 Concen: 0.54 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX002637.D
 Acq: 16 Jun 2018 10:17

Tgt Ion:128 Resp: 6474
 Ion Ratio Lower Upper
 128 100
 127 15.8 10.4 15.6#
 129 13.2 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

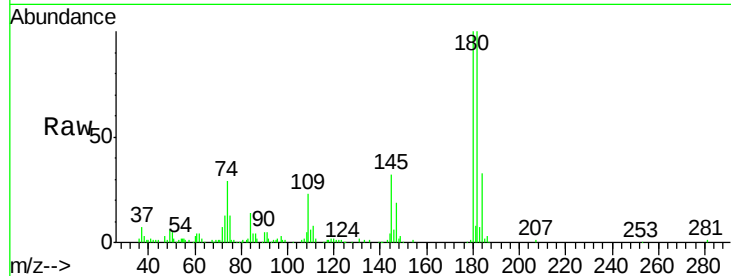




#96
 1,2,3-Trichlorobenzene
 Concen: 5.65 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002637.D
 Acq: 16 Jun 2018 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0466-180611

Tot Ion:180 Resp: 25327
 Ion Ratio Lower Upper
 180 100
 182 98.8 48.0 144.0
 145 32.6 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

