

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072518\
 Data File : VX003663.D
 Acq On : 25 Jul 2018 17:43
 Operator : JC/SP
 Sample : J4073-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-071618

Quant Time: Jul 27 04:35:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	83359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	135715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	117286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	66182	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	68743	55.67	ug/l	0.00
Spiked Amount			Recovery	=	111.34%	
35) Dibromofluoromethane	5.51	113	53666	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
50) Toluene-d8	8.72	98	245721	58.03	ug/l	0.00
Spiked Amount			Recovery	=	116.06%	
62) 4-Bromofluorobenzene	11.14	95	75442	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	485	0.511	ug/l	97
3) Chloromethane	1.32	50	644	0.515	ug/l	90
5) Bromomethane	1.65	94	473	0.766	ug/l #	76
6) Chloroethane	1.73	64	533	2.467	ug/l #	42
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1822	1.798	ug/l	96
10) Methyl Iodide	2.52	142	523	3.532	ug/l #	87
11) Tert butyl alcohol	3.07	59	391	1.325	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	682	0.707	ug/l	91
13) Acrolein	2.30	56	24	4.191	ug/l #	1
15) Acrylonitrile	3.15	53	240	0.337	ug/l	97
16) Acetone	2.45	43	4515	7.783	ug/l	88
17) Carbon Disulfide	2.57	76	1357	0.489	ug/l #	80
18) Methyl Acetate	2.78	43	409	0.233	ug/l #	53
20) Methylene Chloride	2.86	84	268	0.233	ug/l #	75
21) trans-1,2-Dichloroethene	3.17	96	280	0.270	ug/l	91
23) Vinyl Acetate	3.84	43	682	0.217	ug/l #	74
24) 1,1-Dichloroethane	3.70	63	760	0.367	ug/l #	83
25) 2-Butanone	4.70	43	266	0.297	ug/l #	50
27) cis-1,2-Dichloroethene	4.60	96	1167	1.037	ug/l #	1
30) Chloroform	5.21	83	576	0.307	ug/l	99
31) Cyclohexane	5.67	56	1727	1.040	ug/l #	6
32) 1,1,1-Trichloroethane	5.50	97	666	0.427	ug/l #	50
36) 1,1-Dichloropropene	5.67	75	6072	3.828	ug/l #	48
38) Carbon Tetrachloride	5.79	117	630	0.412	ug/l #	77
44) Trichloroethene	7.22	130	63437	50.401	ug/l	98
49) 1,4-Dioxane	7.77	88	504	15.998	ug/l	93
60) Dibromochloromethane	9.34	129	235	0.208	ug/l #	11
64) Tetrachloroethene	9.34	164	364	0.339	ug/l	91
76) 1,2,3-Trichloropropane	11.14	75	37843	27.262	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	37843	84.464	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.82	75	108	0.311	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	399	0.239	ug/l	90
94) Hexachlorobutadiene	13.79	225	244	0.316	ug/l	91

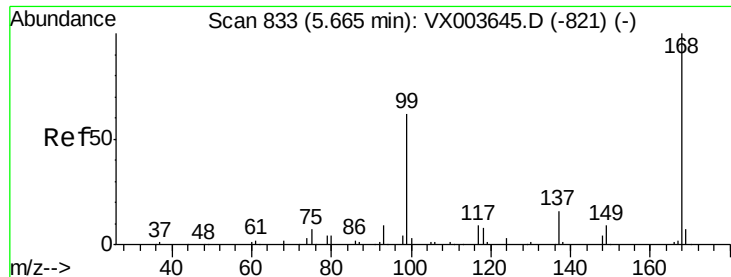
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072518\
Data File : VX003663.D
Acq On : 25 Jul 2018 17:43
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

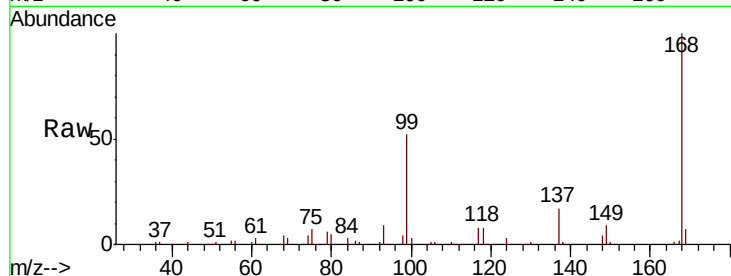
RE109D3-071618

Tgt Ion:168 Resp: 83359

Ion Ratio Lower Upper

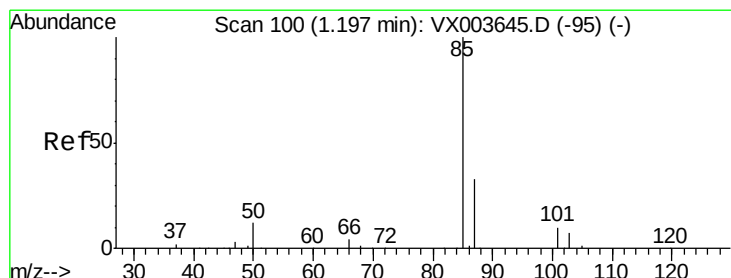
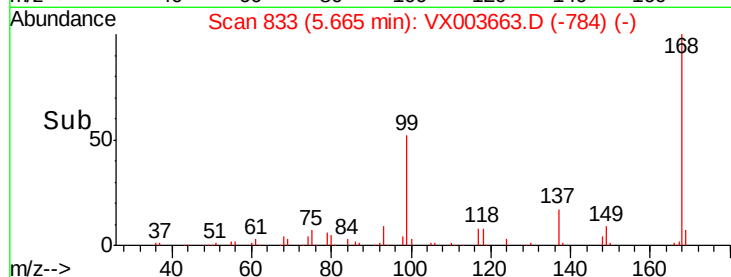
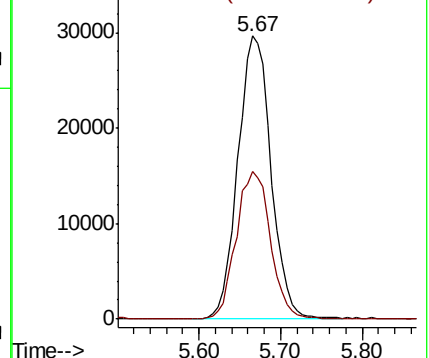
168 100

99 52.0 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.511 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003663.D

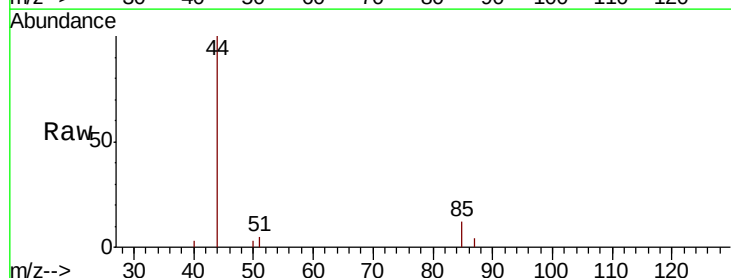
Acq: 25 Jul 2018 17:43

Tgt Ion: 85 Resp: 485

Ion Ratio Lower Upper

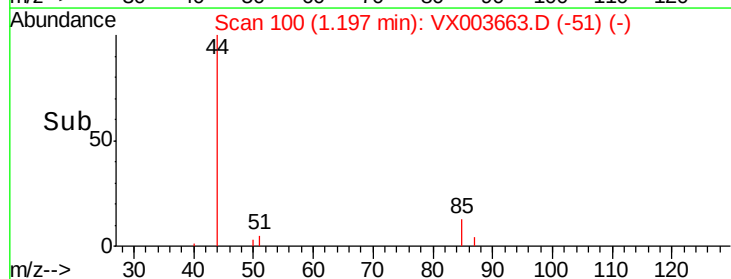
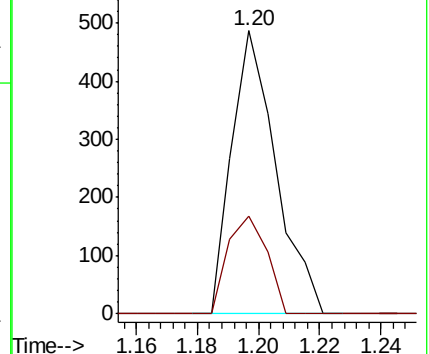
85 100

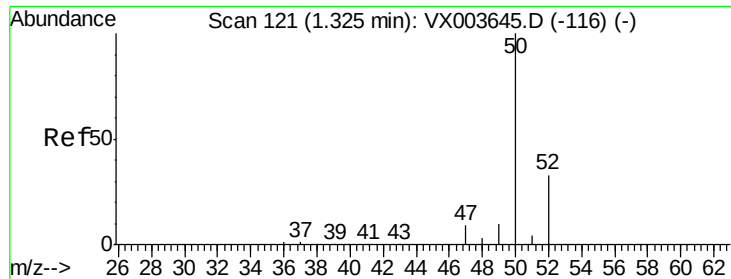
87 34.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.515 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

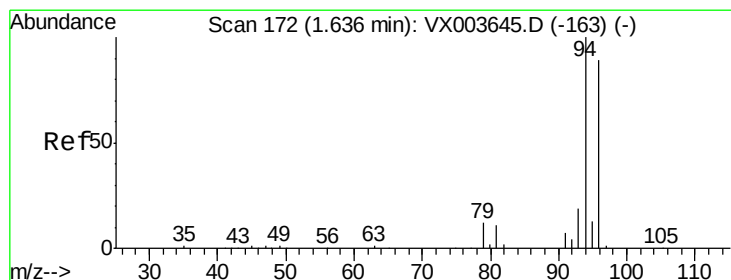
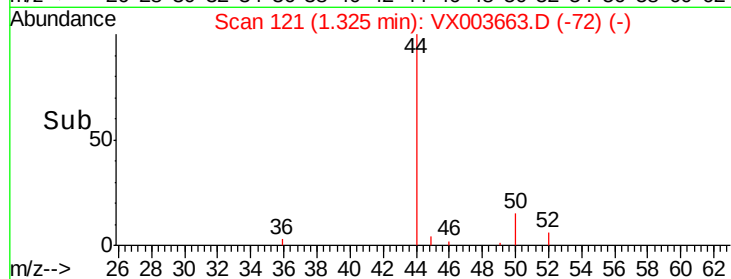
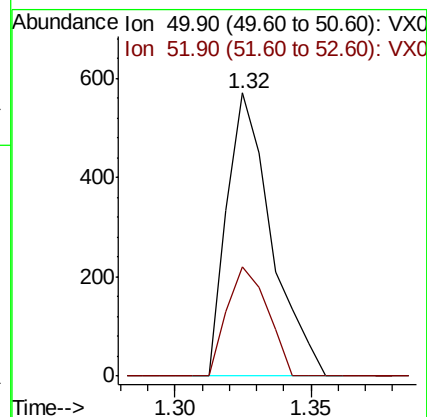
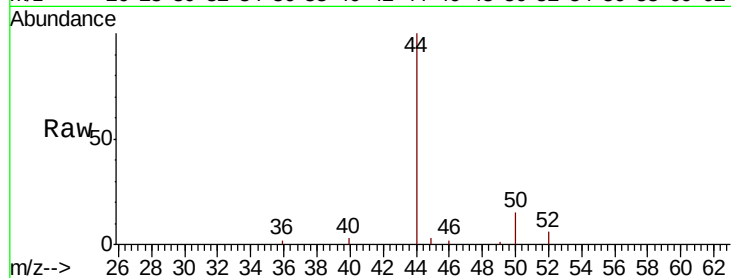
RE109D3-071618

Tgt Ion: 50 Resp: 644

Ion Ratio Lower Upper

50 100

52 38.4 26.3 39.5



#5

Bromomethane

Concen: 0.766 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003663.D

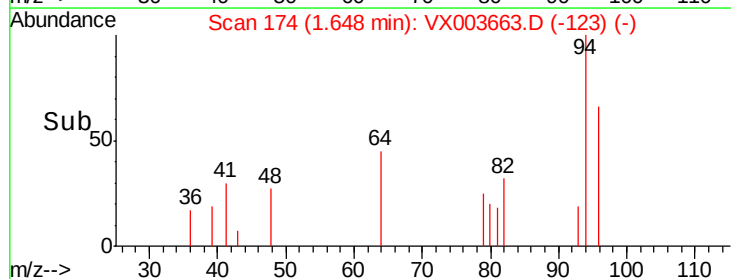
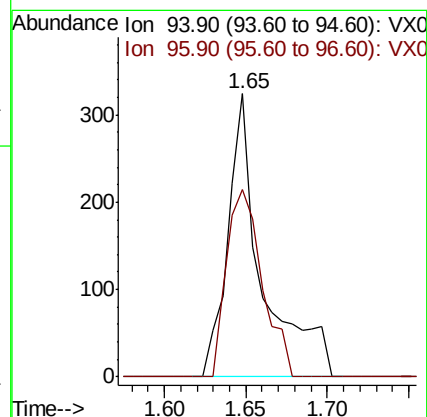
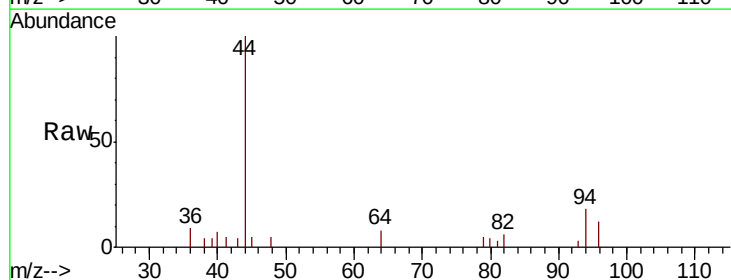
Acq: 25 Jul 2018 17:43

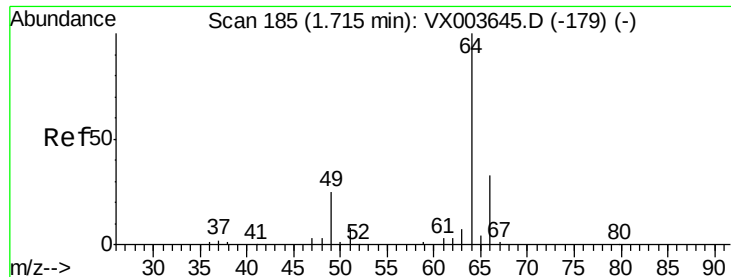
Tgt Ion: 94 Resp: 473

Ion Ratio Lower Upper

94 100

96 66.4 71.3 106.9#





#6

Chloroethane

Concen: 2.467 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.02 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

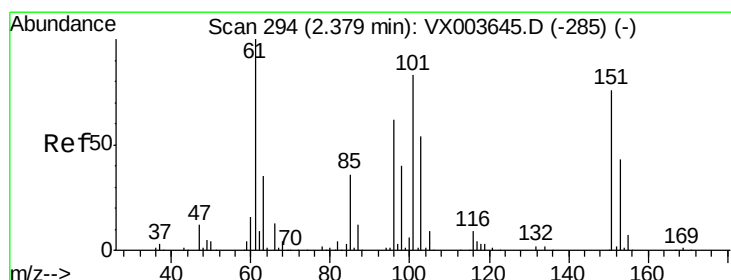
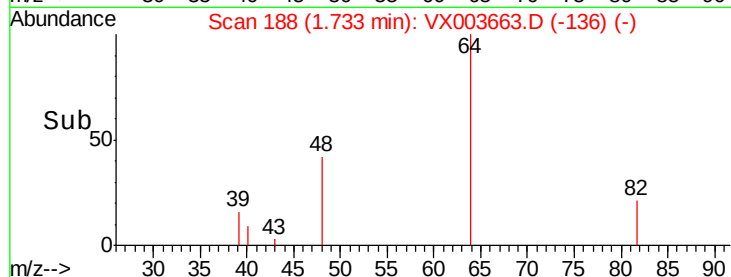
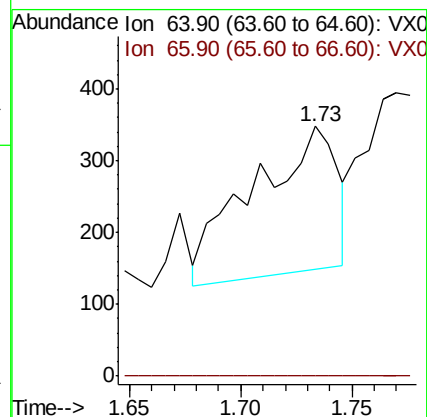
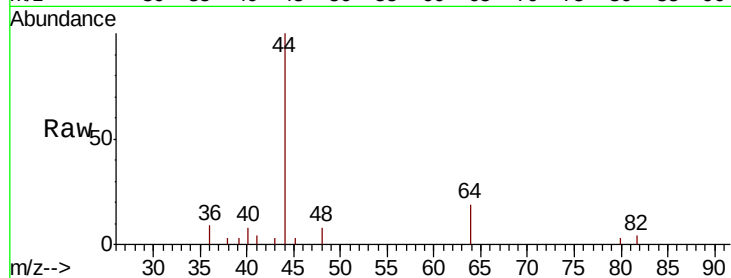
RE109D3-071618

Tgt Ion: 64 Resp: 533

Ion Ratio Lower Upper

64 100

66 0.0 26.3 39.5#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.798 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

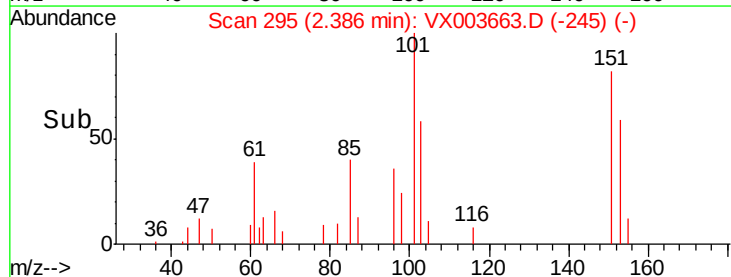
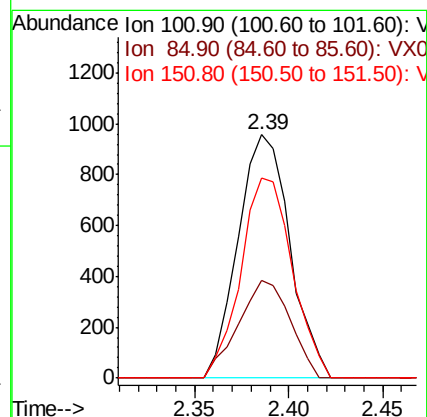
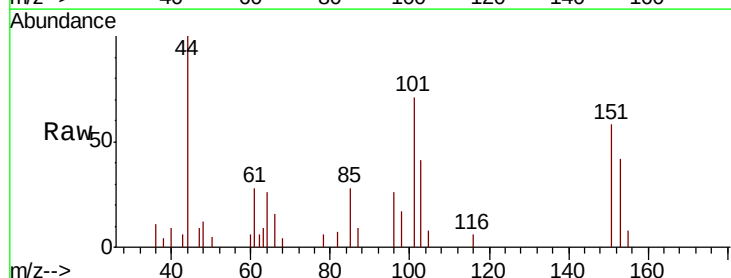
Tgt Ion: 101 Resp: 1822

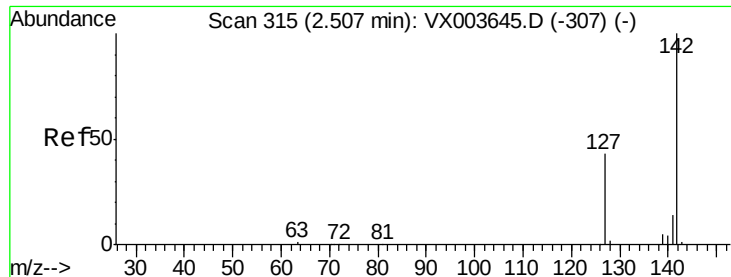
Ion Ratio Lower Upper

101 100

85 40.0 34.6 52.0

151 81.8 67.5 101.3

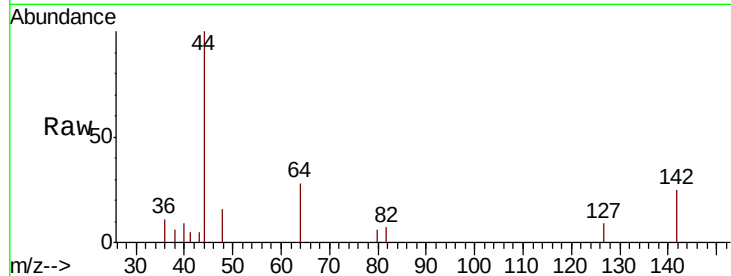




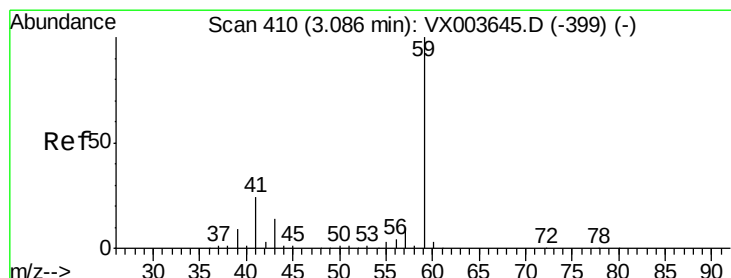
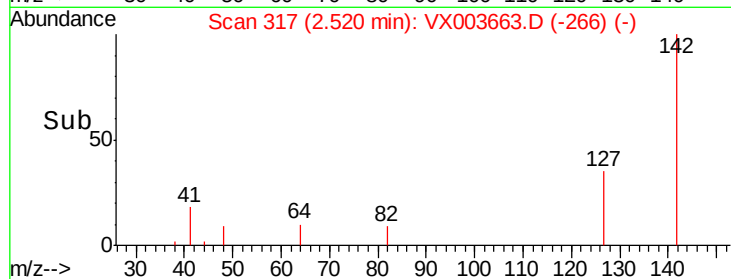
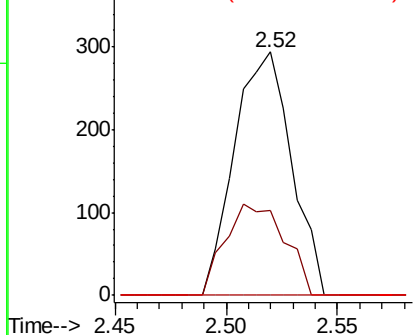
#10
Methyl Iodide
Concen: 3.532 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-071618

Tgt Ion: 142 Resp: 523
Ion Ratio Lower Upper
142 100
127 39.0 34.0 51.0
141 0.0 11.3 16.9#

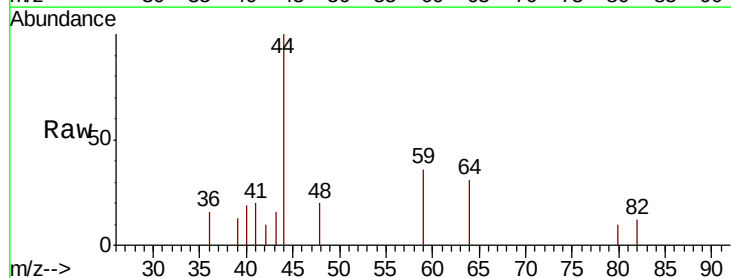


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

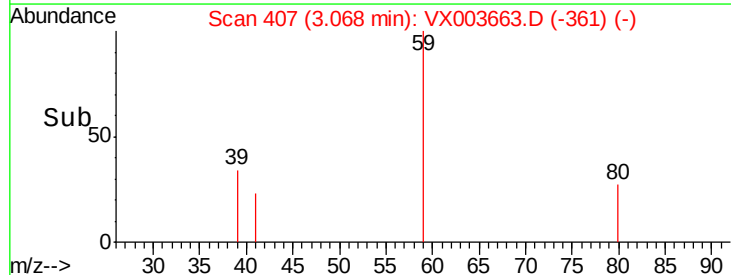
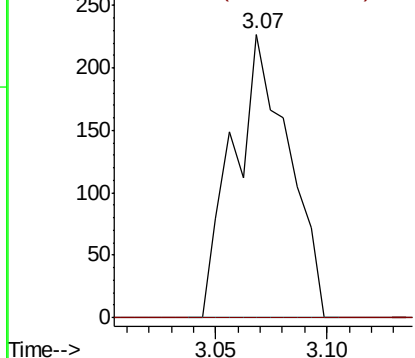


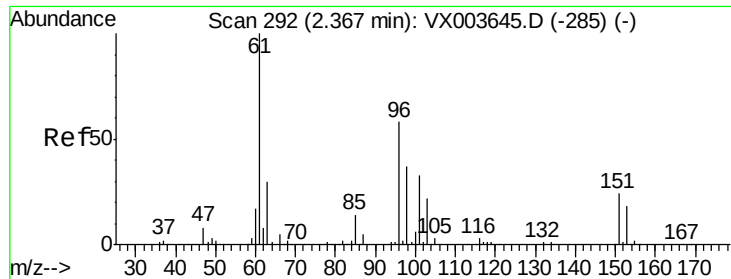
#11
Tert butyl alcohol
Concen: 1.325 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 59 Resp: 391
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



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

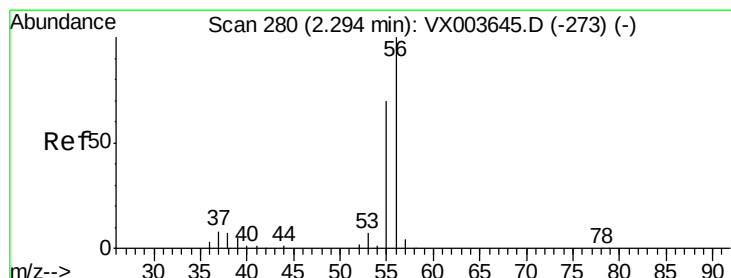
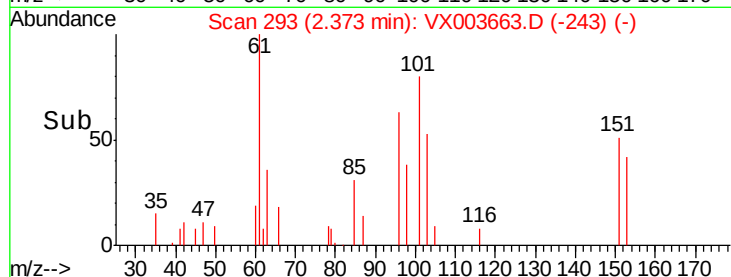
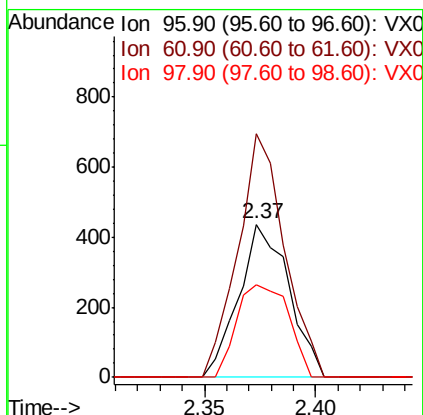
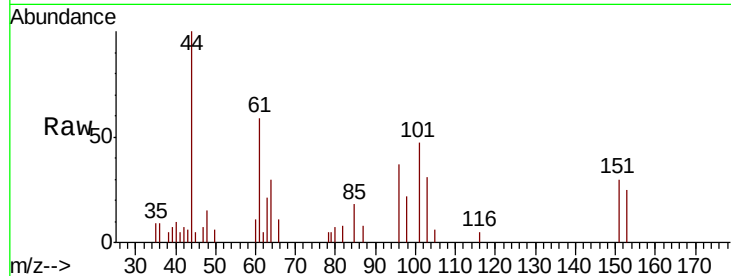




#12
 1,1-Dichloroethene
 Concen: 0.707 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003663.D
 Acq: 25 Jul 2018 17:43

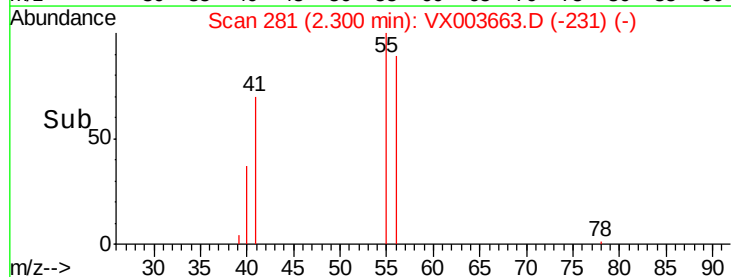
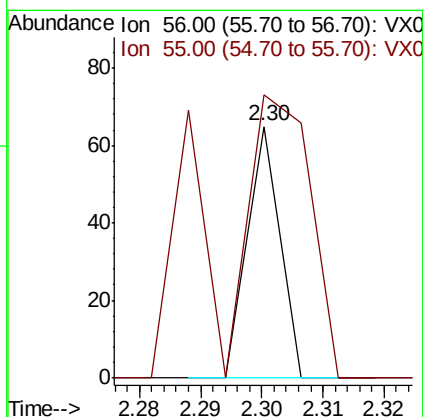
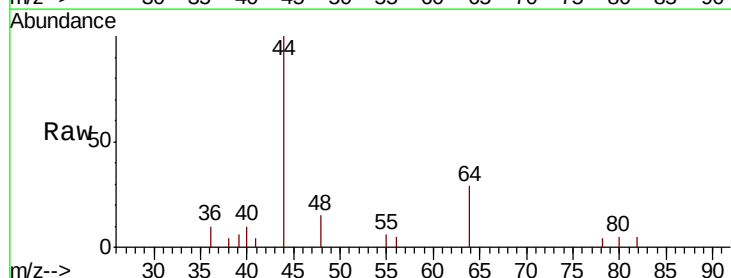
Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-071618

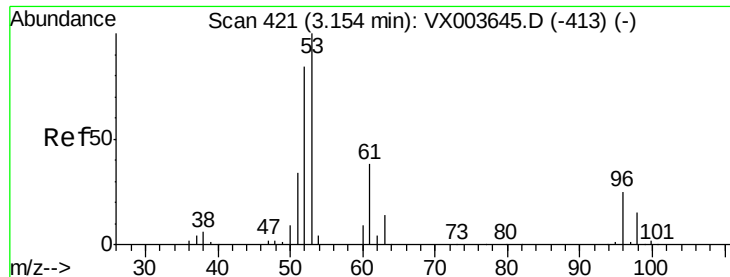
Tgt Ion: 96 Resp: 682
 Ion Ratio Lower Upper
 96 100
 61 159.0 138.8 208.2
 98 60.4 51.4 77.2



#13
 Acrolein
 Concen: 4.191 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VX003663.D
 Acq: 25 Jul 2018 17:43

Tgt Ion: 56 Resp: 24
 Ion Ratio Lower Upper
 56 100
 55 316.7 55.4 83.2#





#15

Acrylonitrile

Concen: 0.337 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-071618

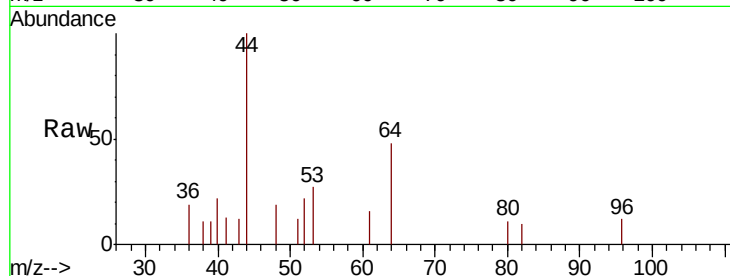
Tgt Ion: 53 Resp: 240

Ion Ratio Lower Upper

53 100

52 82.9 66.1 99.1

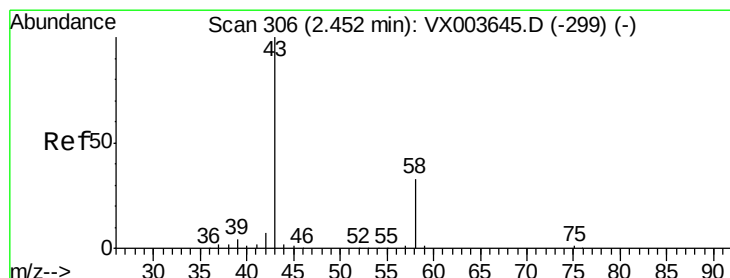
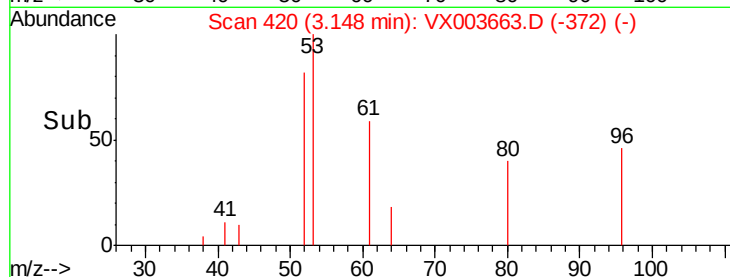
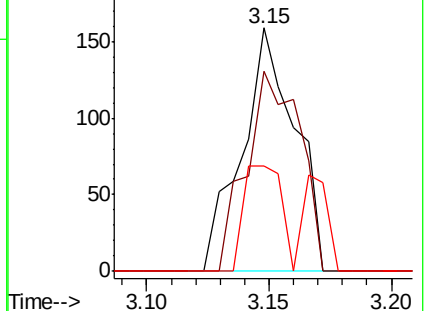
51 30.8 28.2 42.4



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



#16

Acetone

Concen: 7.783 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003663.D

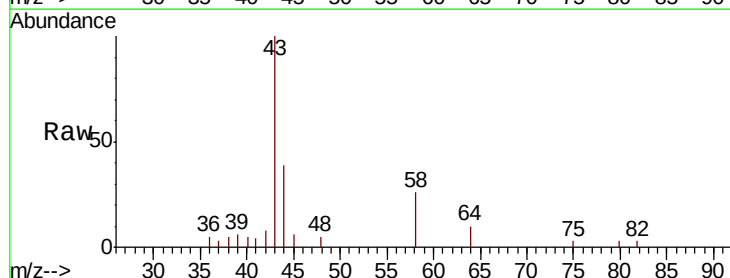
Acq: 25 Jul 2018 17:43

Tgt Ion: 43 Resp: 4515

Ion Ratio Lower Upper

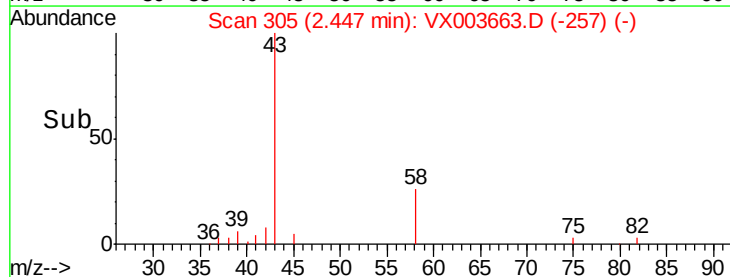
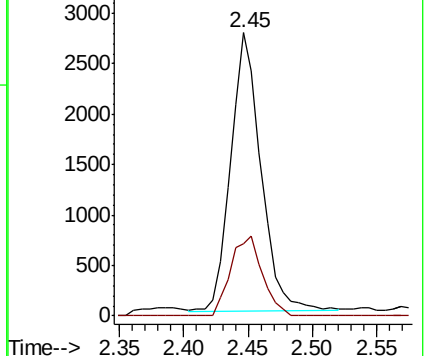
43 100

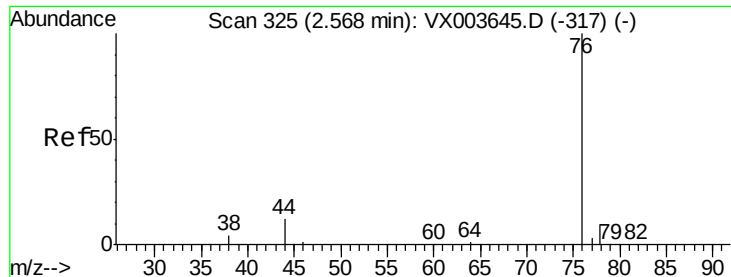
58 26.1 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.489 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

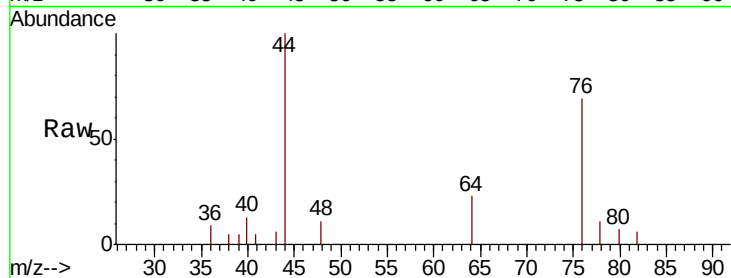
RE109D3-071618

Tgt Ion: 76 Resp: 1357

Ion Ratio Lower Upper

76 100

78 16.3 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

800

600

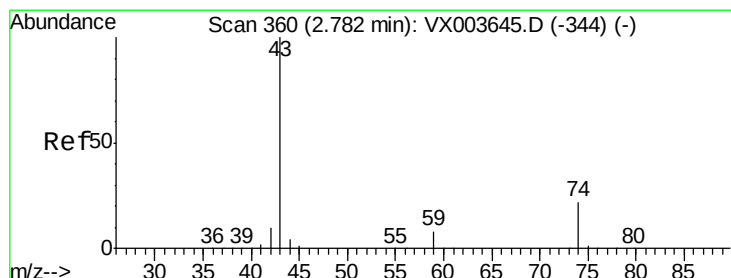
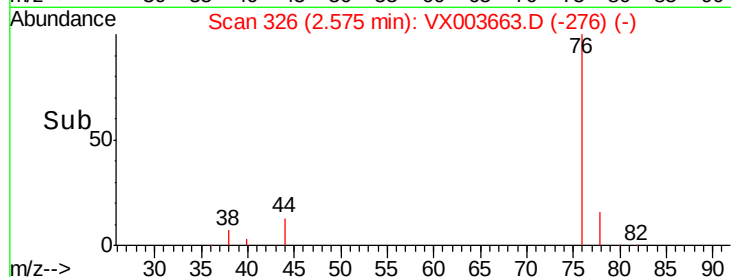
400

200

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 0.233 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003663.D

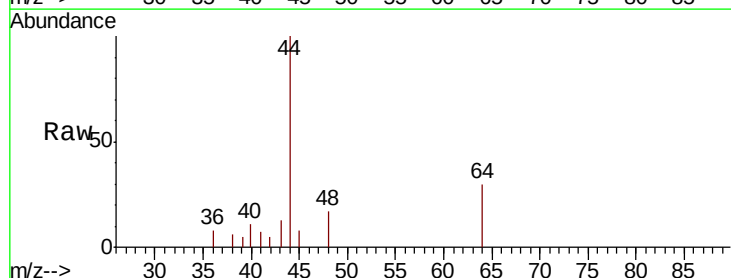
Acq: 25 Jul 2018 17:43

Tgt Ion: 43 Resp: 409

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

150

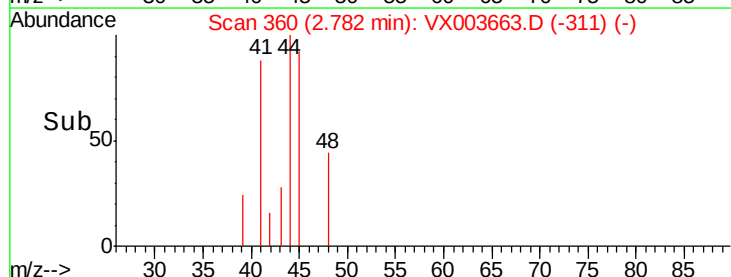
100

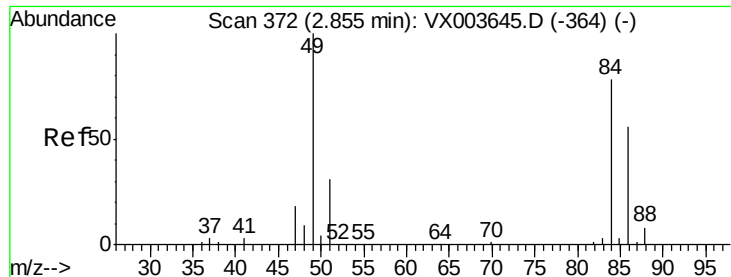
50

0

Time-->

2.75 2.80 2.85

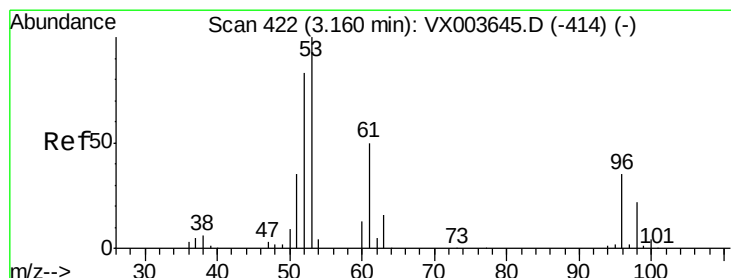
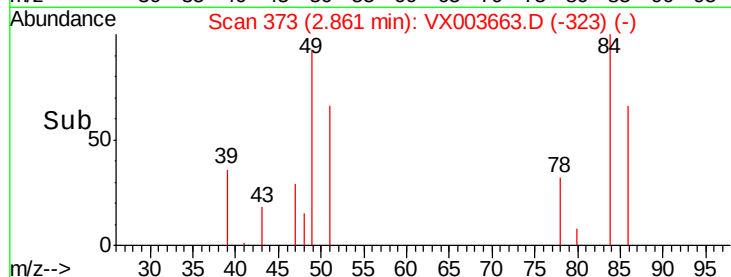
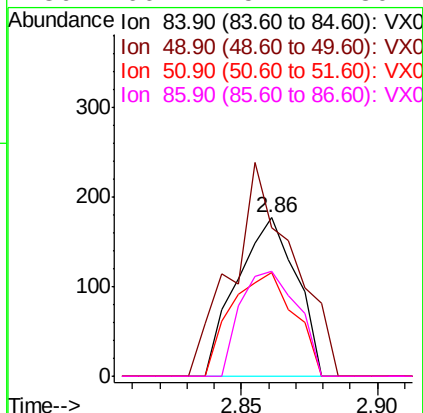
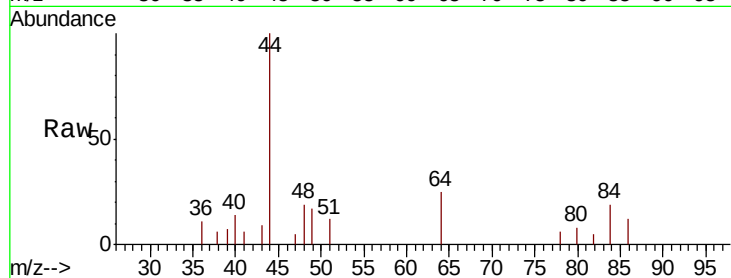




#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

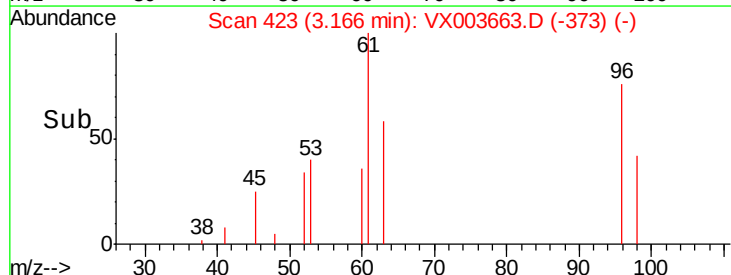
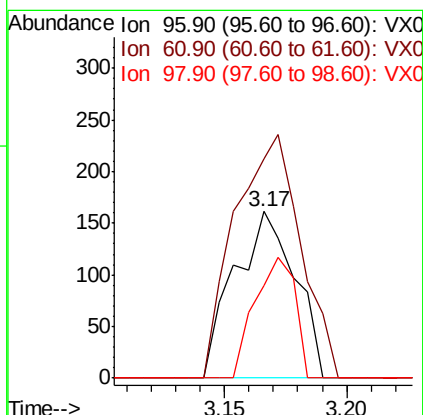
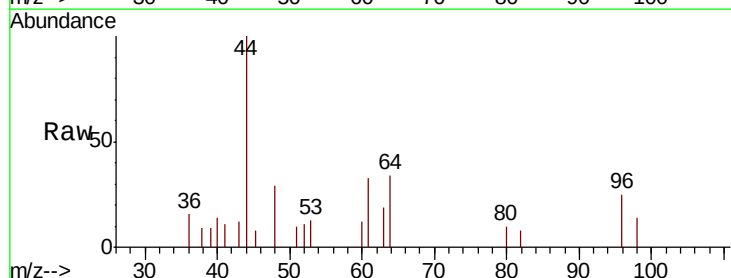
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-071618

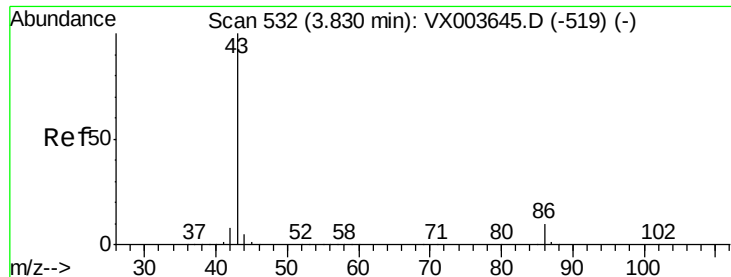
Tgt Ion: 84 Resp: 268
Ion Ratio Lower Upper
84 100
49 93.2 102.3 153.5#
51 65.5 31.8 47.8#
86 66.1 57.4 86.2



#21
trans-1,2-Dichloroethene
Concen: 0.270 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 96 Resp: 280
Ion Ratio Lower Upper
96 100
61 131.7 115.0 172.4
98 55.9 49.7 74.5





#23

Vinyl Acetate

Concen: 0.217 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

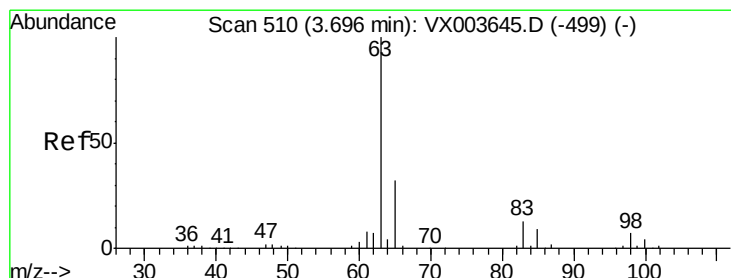
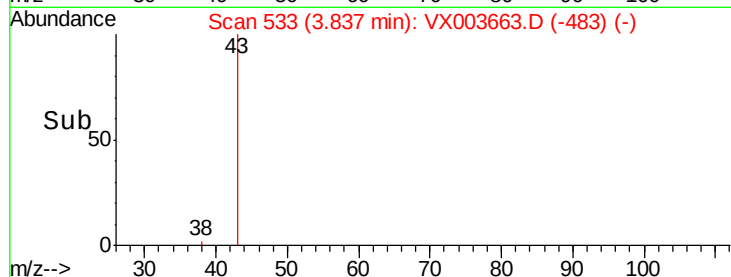
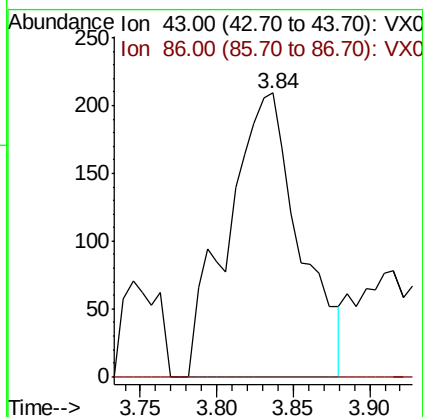
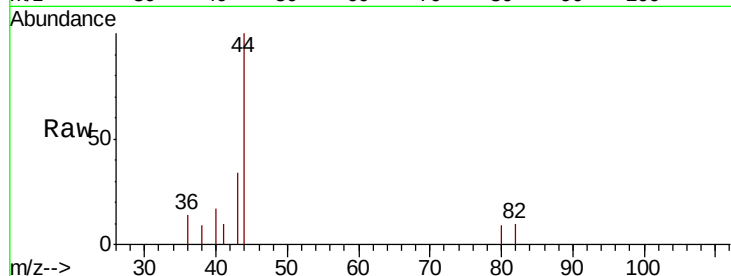
RE109D3-071618

Tgt Ion: 43 Resp: 682

Ion Ratio Lower Upper

43 100

86 0.0 7.7 11.5#



#24

1,1-Dichloroethane

Concen: 0.367 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

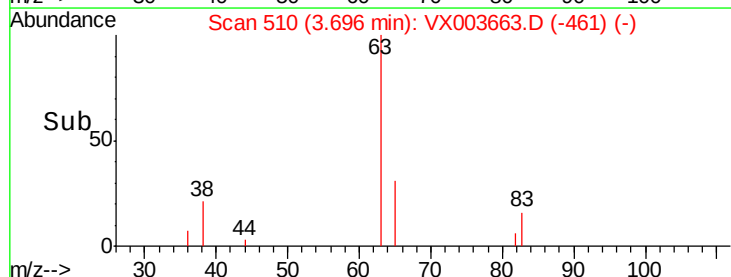
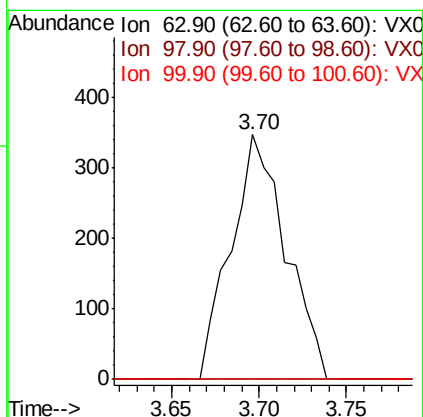
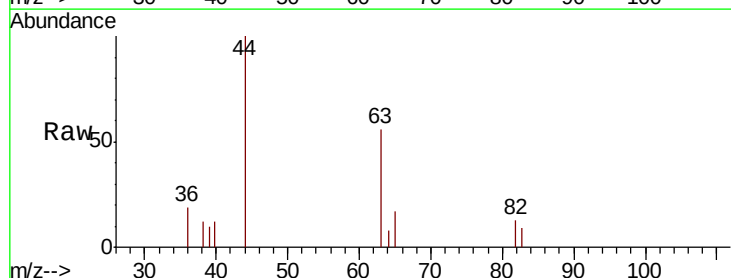
Tgt Ion: 63 Resp: 760

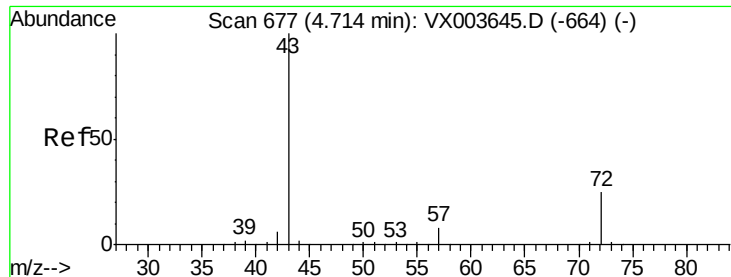
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.3#





#25

2-Butanone

Concen: 0.297 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

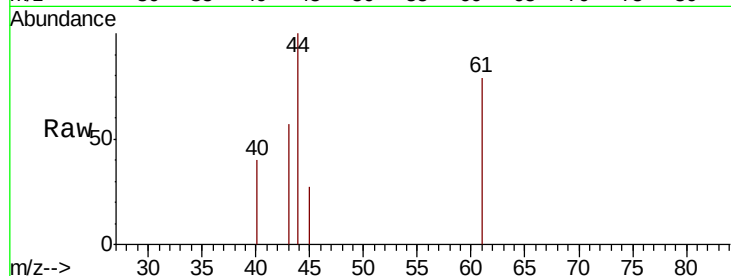
RE109D3-071618

Tgt Ion: 43 Resp: 266

Ion Ratio Lower Upper

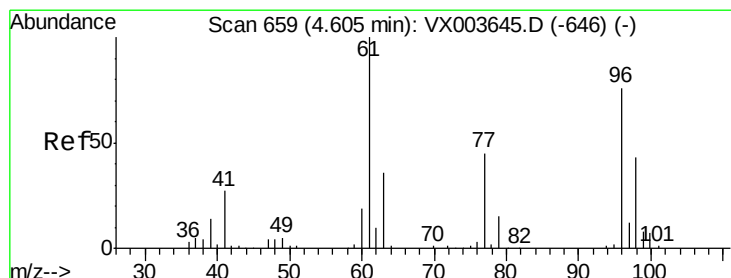
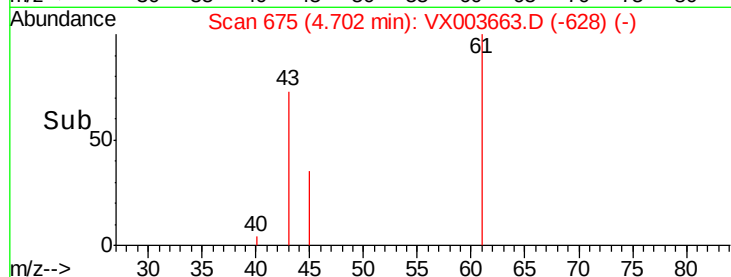
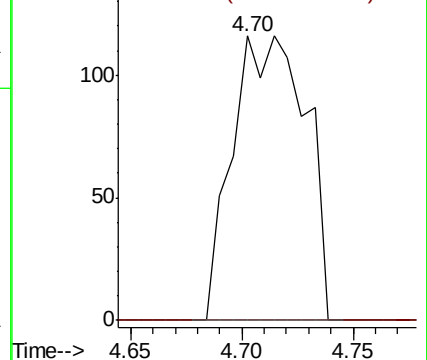
43 100

72 0.0 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.037 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

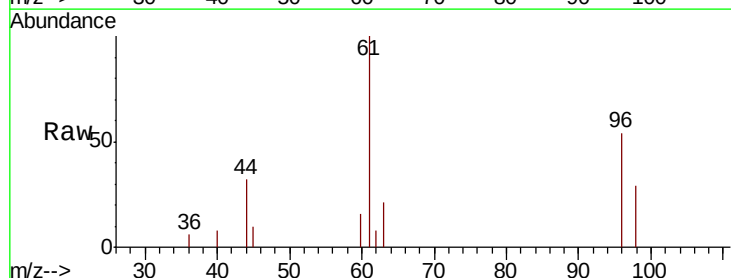
Tgt Ion: 96 Resp: 1167

Ion Ratio Lower Upper

96 100

61 409.3 0.0 313.6#

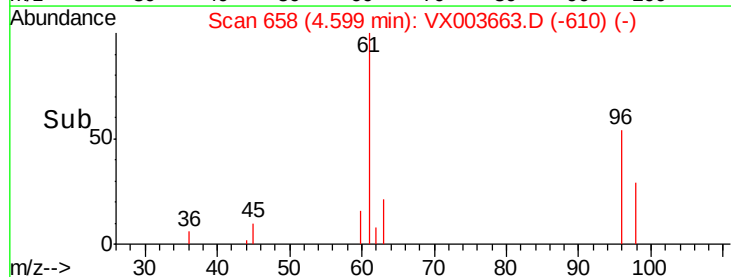
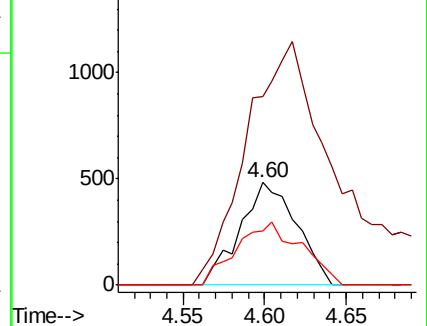
98 70.4 0.0 125.6

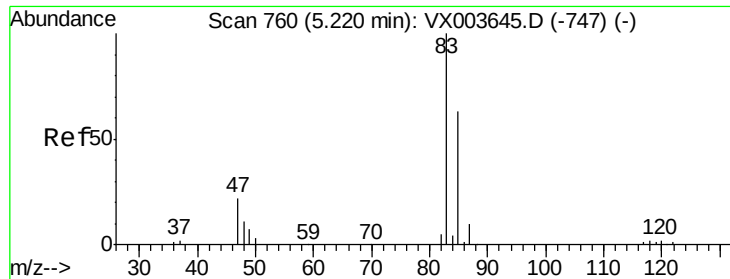


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#30

Chloroform

Concen: 0.307 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

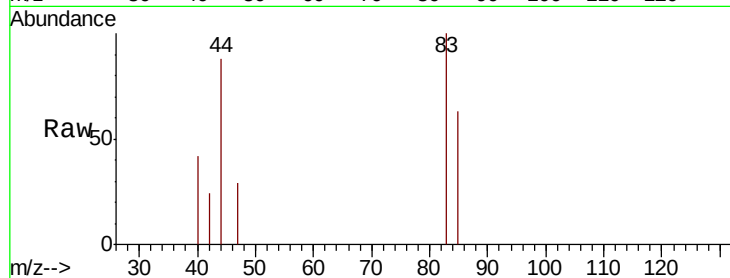
RE109D3-071618

Tgt Ion: 83 Resp: 576

Ion Ratio Lower Upper

83 100

85 63.3 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

250

200

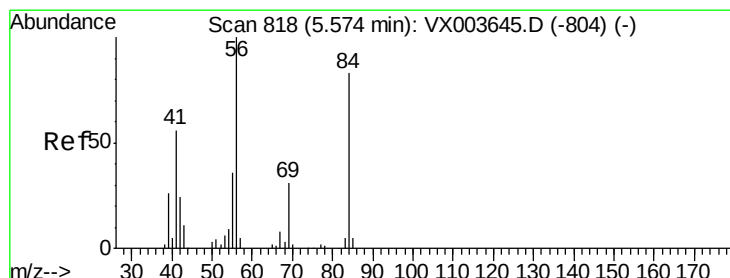
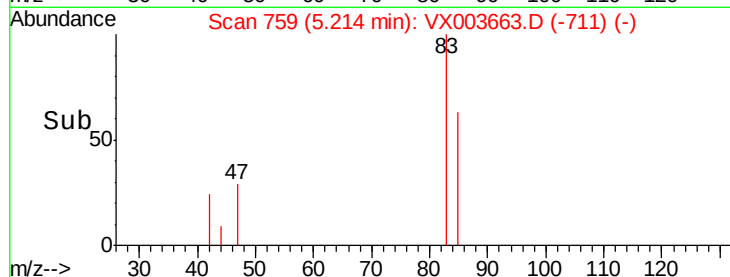
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.040 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

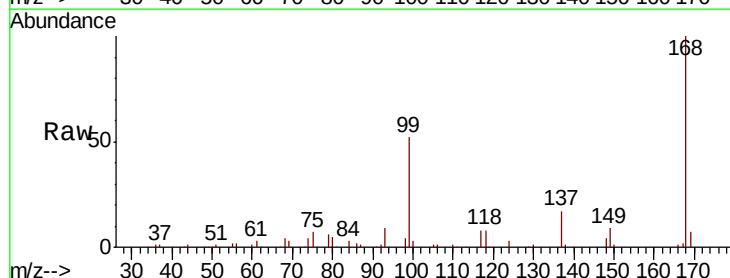
Tgt Ion: 56 Resp: 1727

Ion Ratio Lower Upper

56 100

69 156.3 25.0 37.6#

84 122.8 66.5 99.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

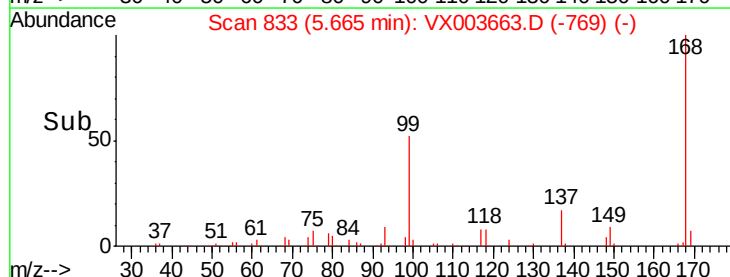
Ion 84.00 (83.70 to 84.70): VX0

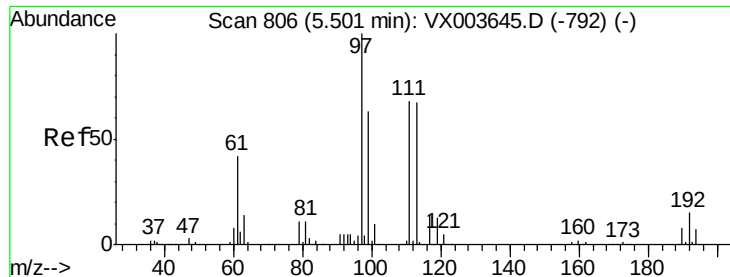
1000

500

0

Time-->





#32

1,1,1-Trichloroethane

Concen: 0.427 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-071618

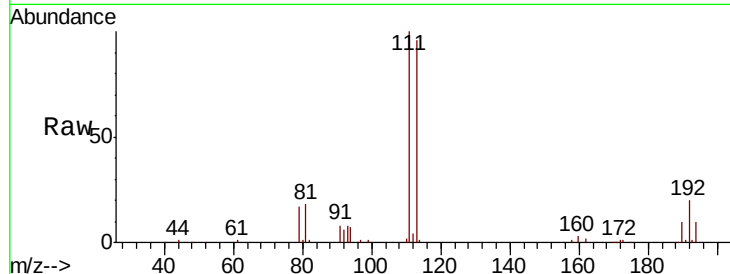
Tgt Ion: 97 Resp: 666

Ion Ratio Lower Upper

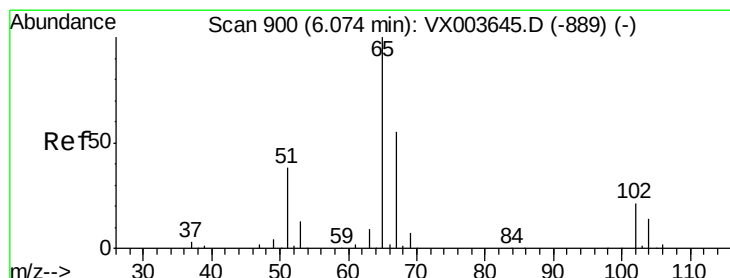
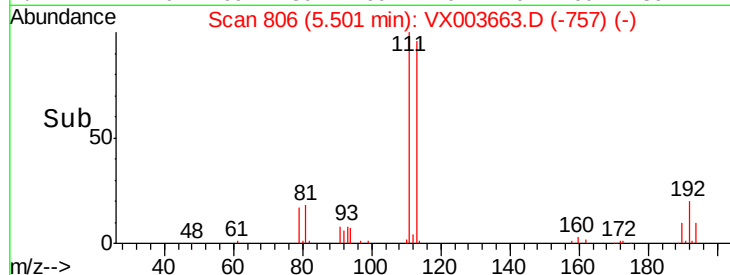
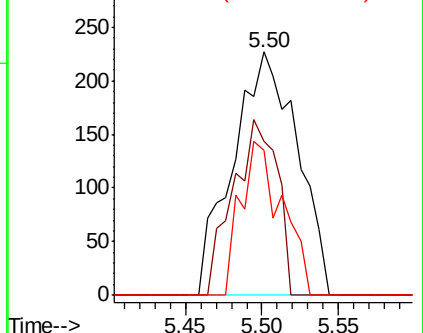
97 100

99 0.0 50.4 75.6#

61 40.4 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.672 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003663.D

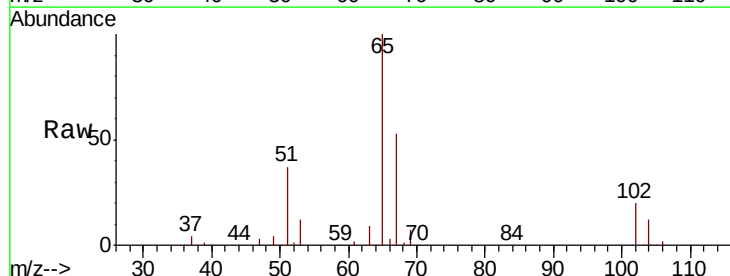
Acq: 25 Jul 2018 17:43

Tgt Ion: 65 Resp: 68743

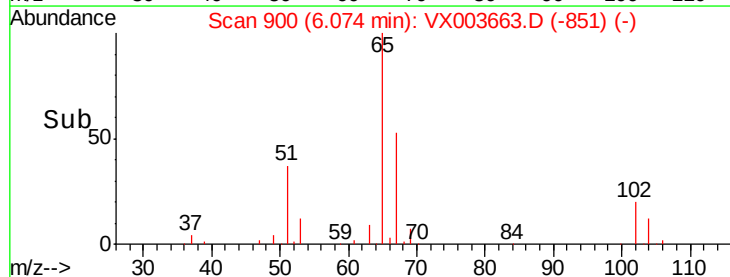
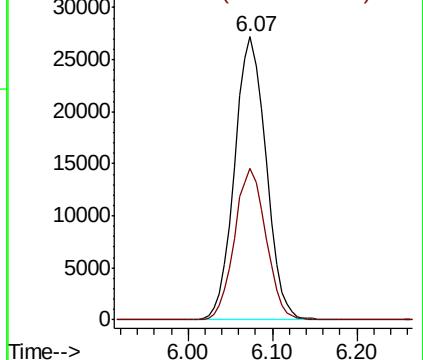
Ion Ratio Lower Upper

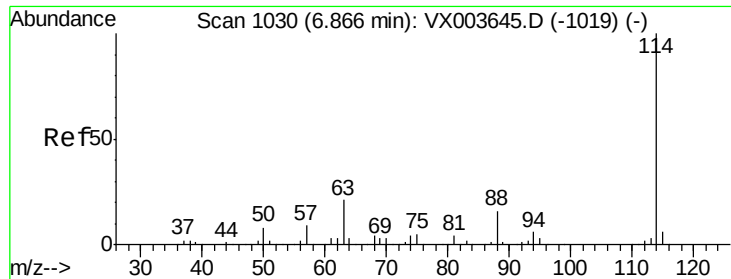
65 100

67 53.2 0.0 107.8



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

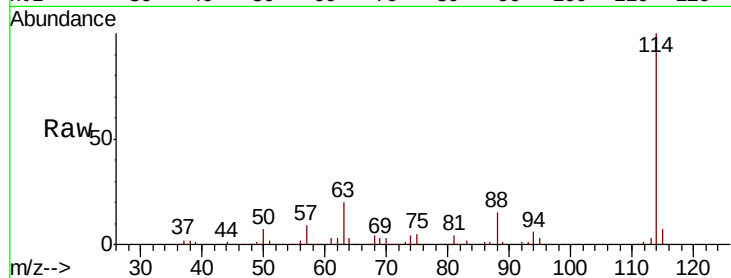




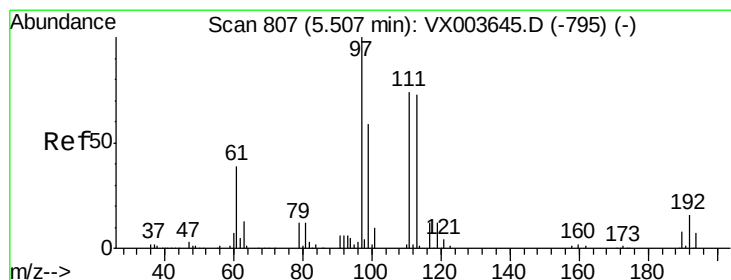
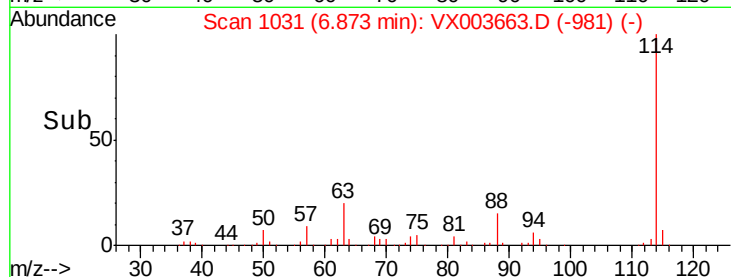
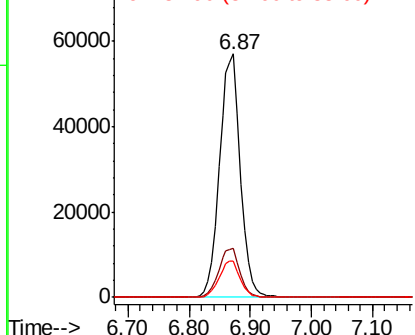
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX003663.D
 Acq: 25 Jul 2018 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-071618

Tgt Ion:114 Resp: 135715
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.0
 88 14.7 0.0 31.8

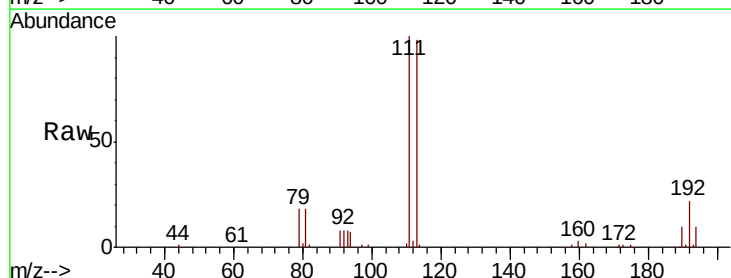


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

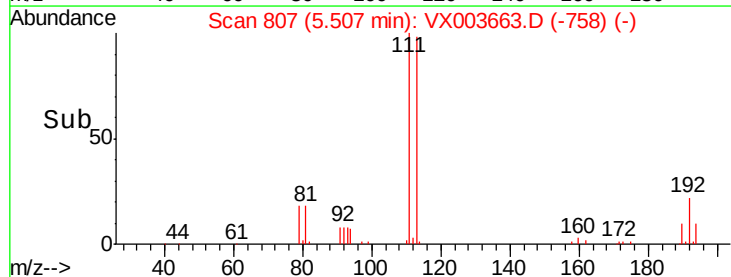
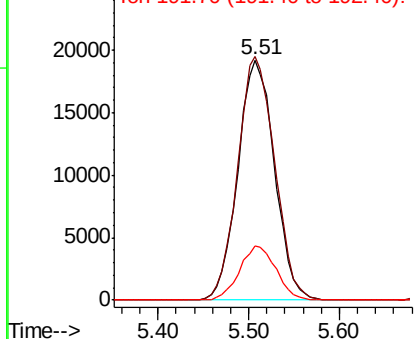


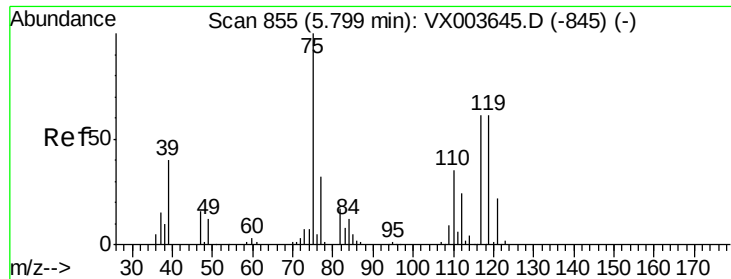
#35
 Dibromofluoromethane
 Concen: 48.372 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003663.D
 Acq: 25 Jul 2018 17:43

Tgt Ion:113 Resp: 53666
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.2 121.8
 192 22.3 18.2 27.4



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

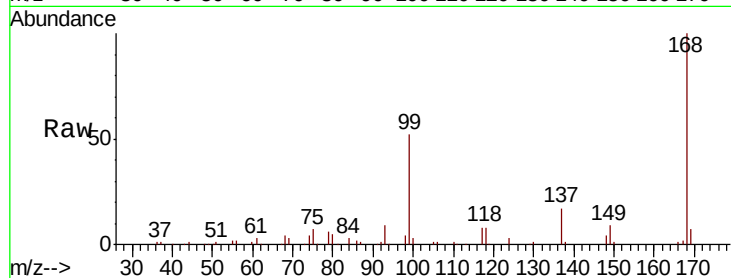




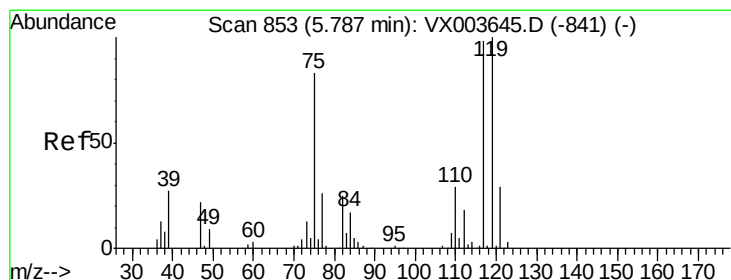
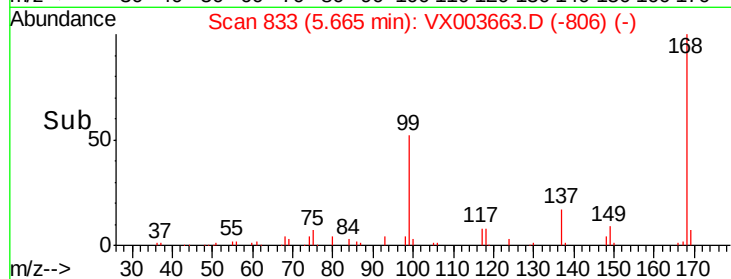
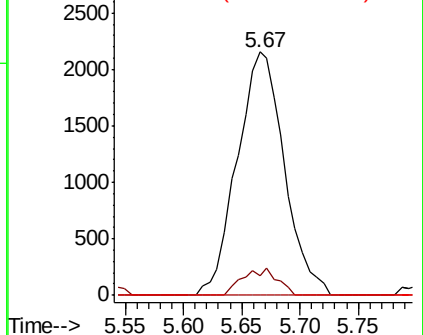
#36
 1,1-Dichloropropene
 Concen: 3.828 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003663.D
 Acq: 25 Jul 2018 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-071618

Tgt Ion: 75 Resp: 6072
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.1#
 77 0.0 25.1 37.7#

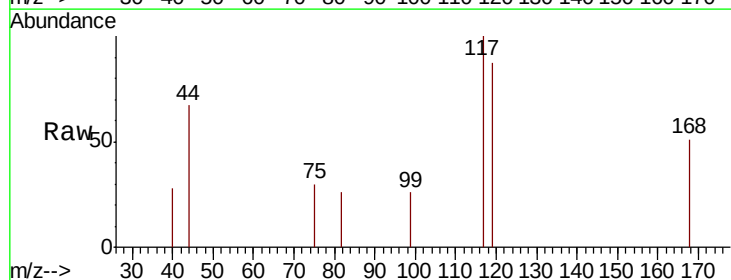


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

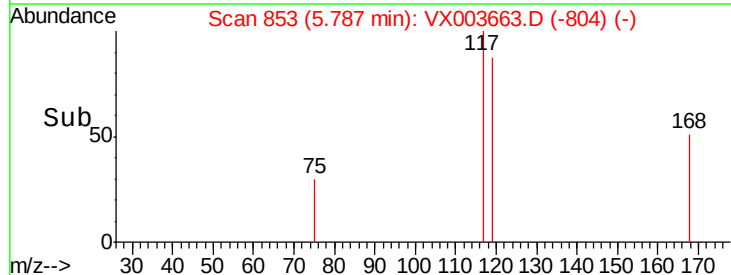
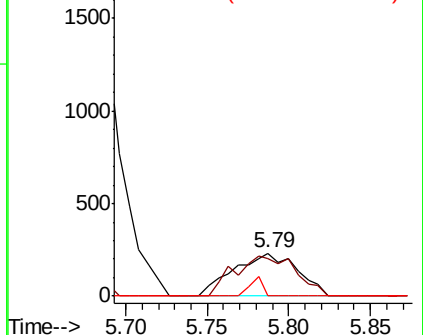


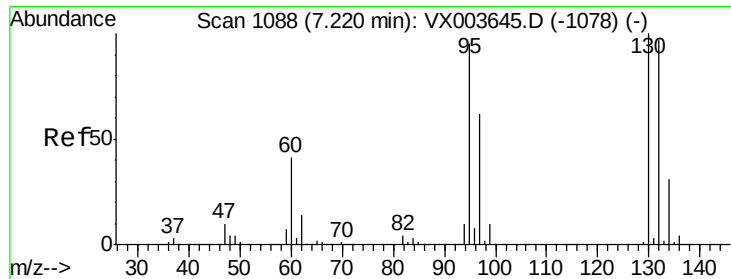
#38
 Carbon Tetrachloride
 Concen: 0.412 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: VX003663.D
 Acq: 25 Jul 2018 17:43

Tgt Ion: 117 Resp: 630
 Ion Ratio Lower Upper
 117 100
 119 87.4 81.0 121.4
 121 0.0 23.7 35.5#



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

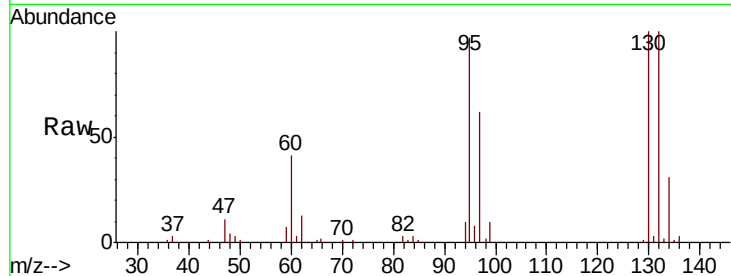




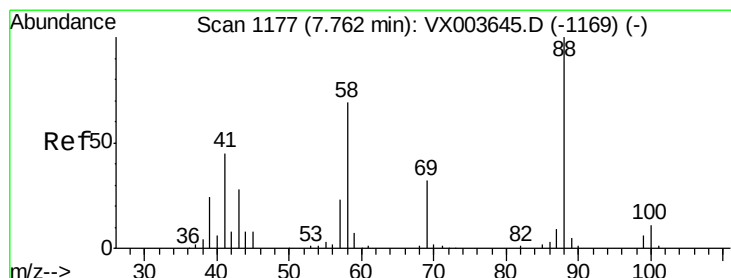
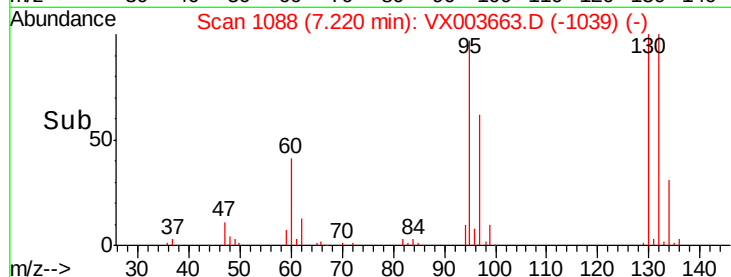
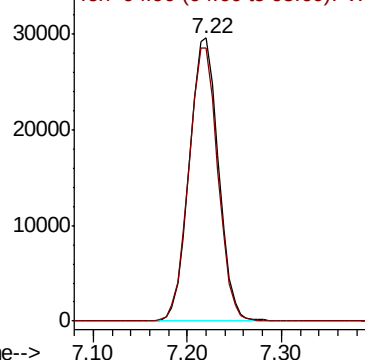
#44
 Trichloroethene
 Concen: 50.401 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX003663.D
 Acq: 25 Jul 2018 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-071618

Tgt Ion:130 Resp: 63437
 Ion Ratio Lower Upper
 130 100
 95 96.5 0.0 190.0

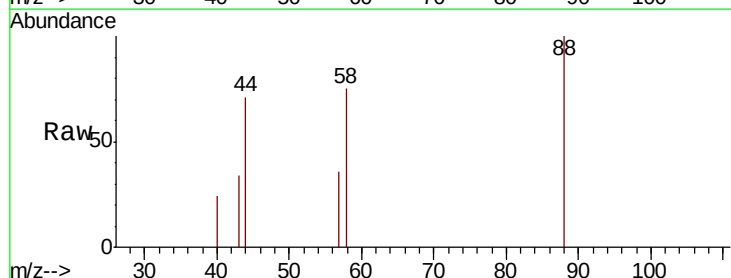


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

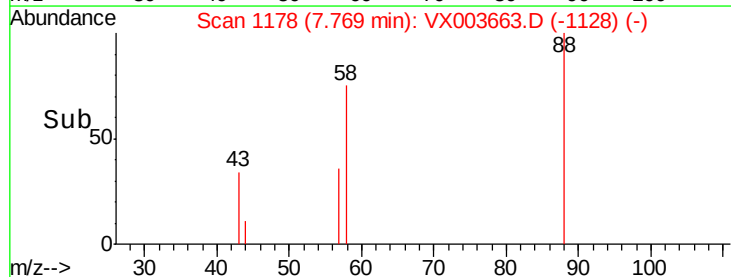
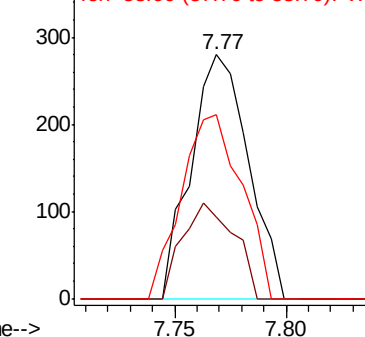


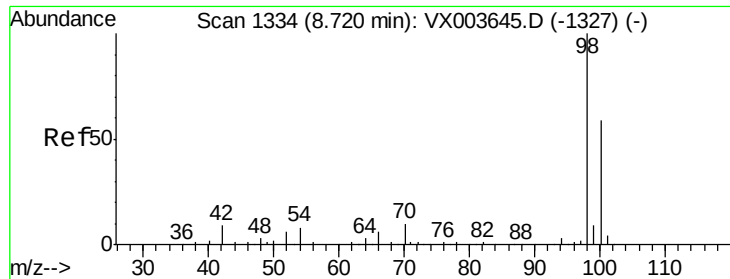
#49
 1,4-Dioxane
 Concen: 15.998 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX003663.D
 Acq: 25 Jul 2018 17:43

Tgt Ion: 88 Resp: 504
 Ion Ratio Lower Upper
 88 100
 43 35.3 25.8 38.6
 58 79.0 58.3 87.5



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

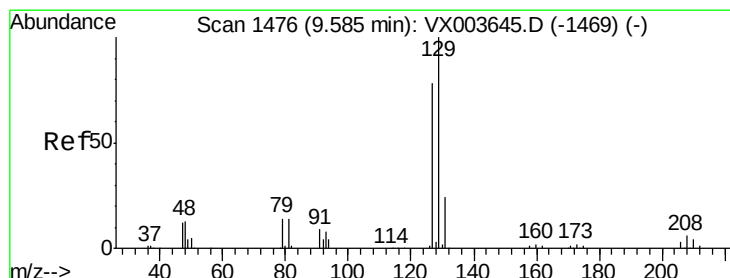
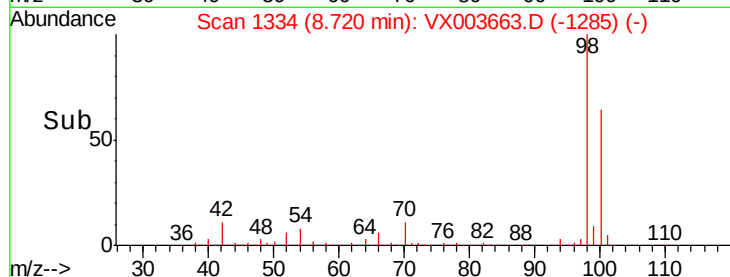
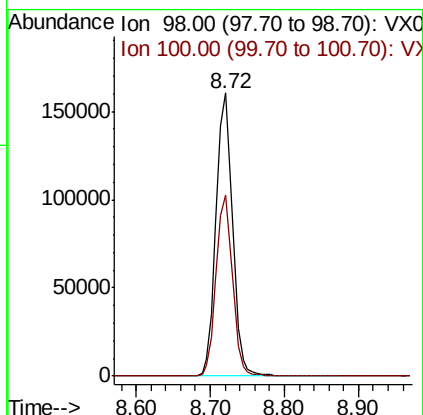
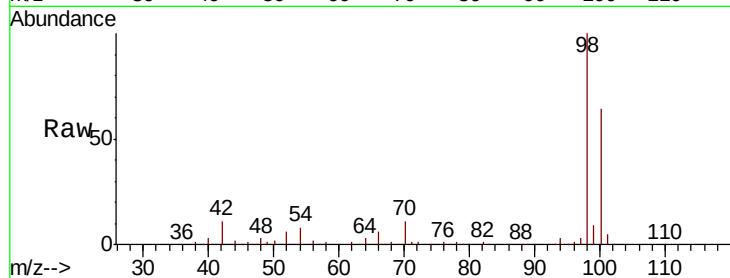




#50
Toluene-d8
Concen: 58.034 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

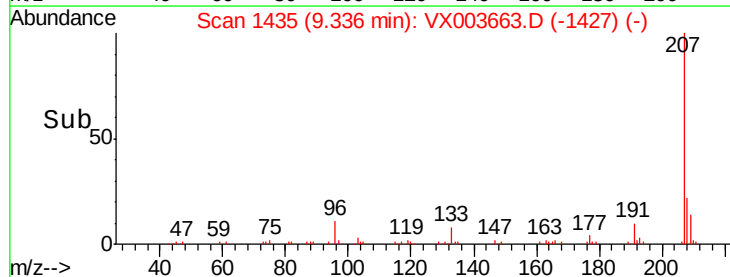
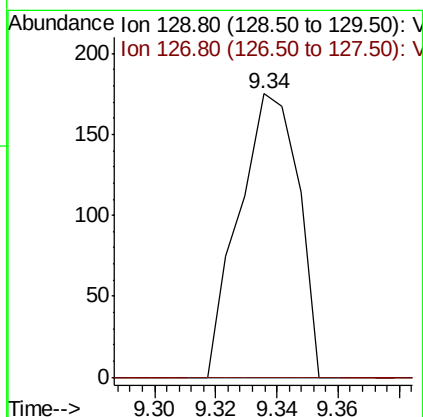
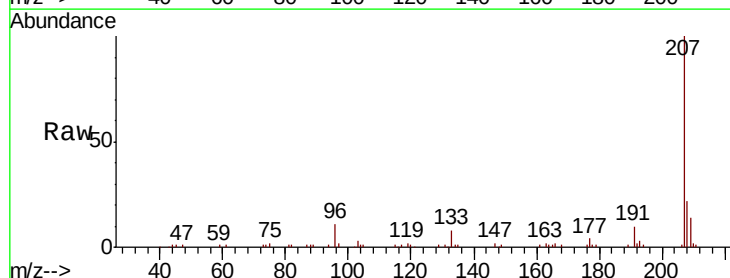
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-071618

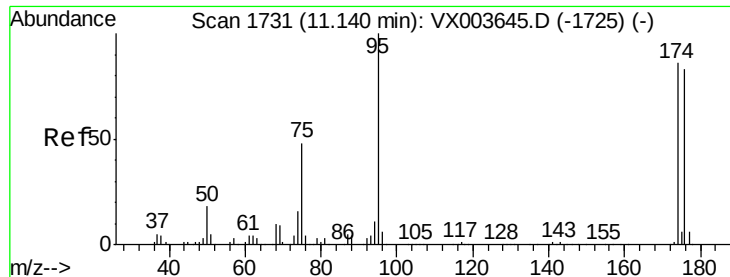
Tgt Ion: 98 Resp: 245721
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#60
Dibromochloromethane
Concen: 0.208 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion: 129 Resp: 235
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#





#62

4-Bromofluorobenzene

Concen: 48.851 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-071618

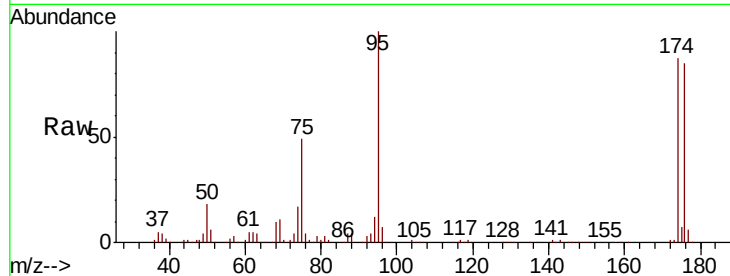
Tgt Ion: 95 Resp: 75442

Ion Ratio Lower Upper

95 100

174 89.0 0.0 179.0

176 86.7 0.0 173.0

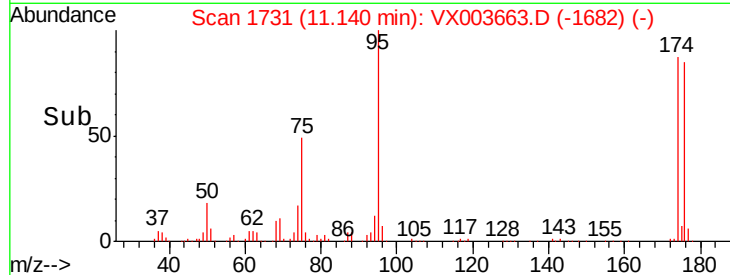


Abundance Ion 94.90 (94.60 to 95.60): VX003663.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003663.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003663.D (-1682) (-)

Time-->



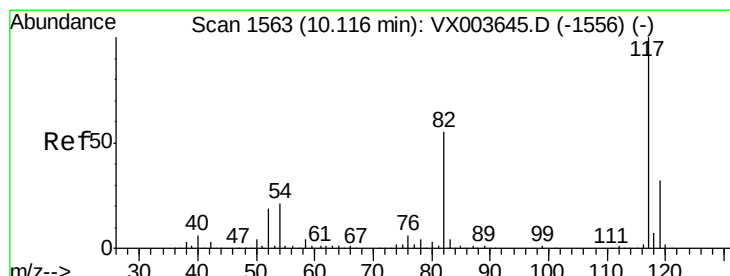
Abundance

Ion 94.90 (94.60 to 95.60): VX003663.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003663.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003663.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

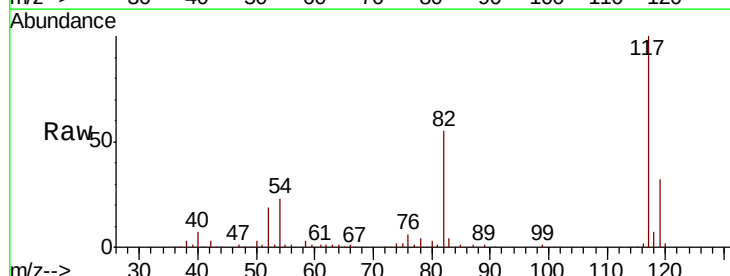
Tgt Ion: 117 Resp: 117286

Ion Ratio Lower Upper

117 100

82 55.3 44.3 66.5

119 32.2 25.6 38.4

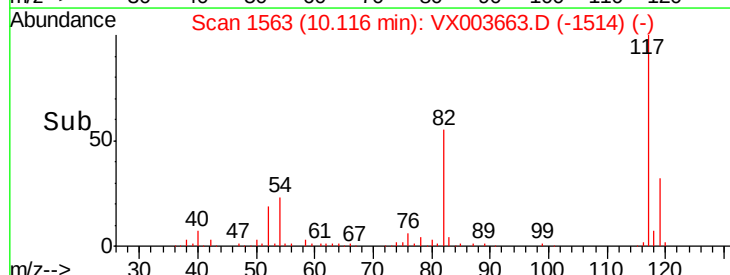


Abundance Ion 116.90 (116.60 to 117.60): VX003663.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003663.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003663.D (-1514) (-)

Time-->



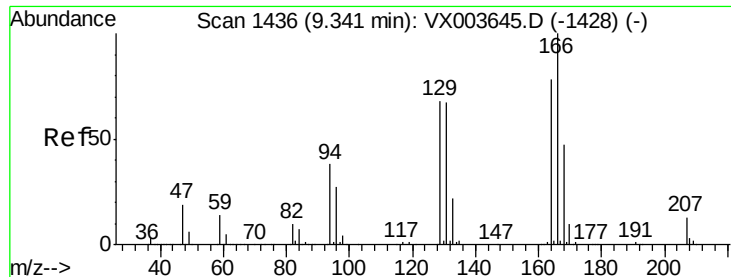
Abundance

Ion 116.90 (116.60 to 117.60): VX003663.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003663.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003663.D (-1514) (-)

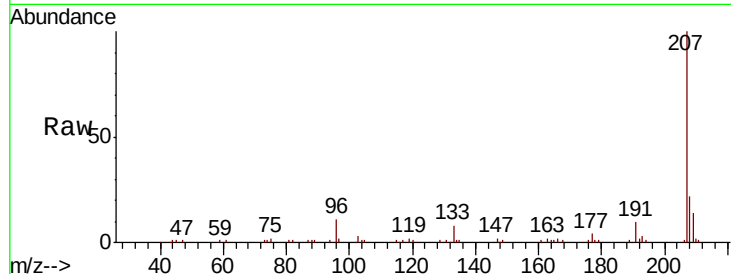
Time-->



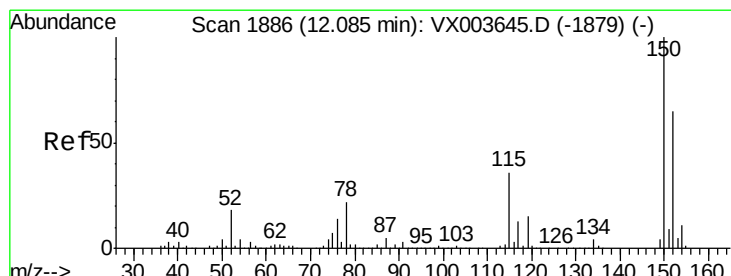
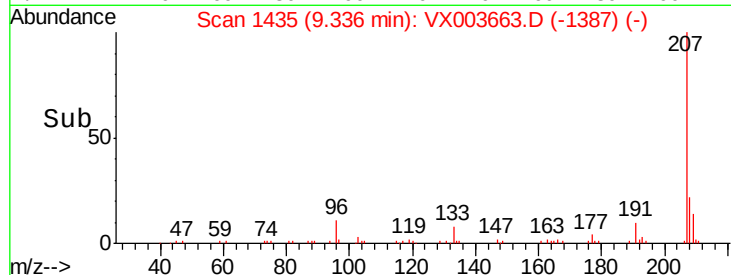
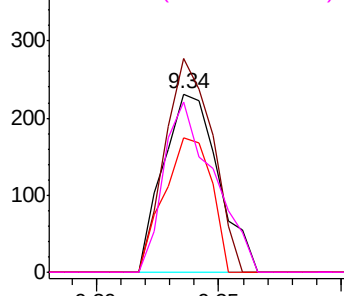
#64
Tetrachloroethene
Concen: 0.339 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-071618

Tgt Ion:164 Resp: 364
Ion Ratio Lower Upper
164 100
166 119.9 102.4 153.6
129 75.8 69.6 104.4
131 95.7 69.0 103.4

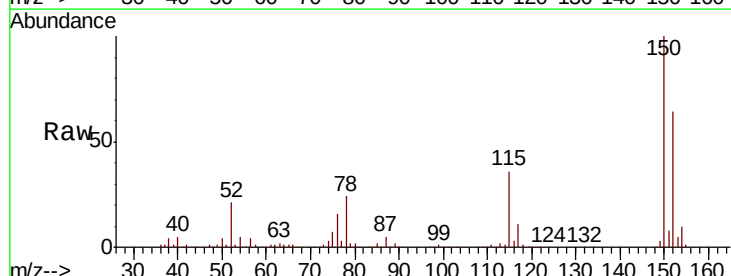


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

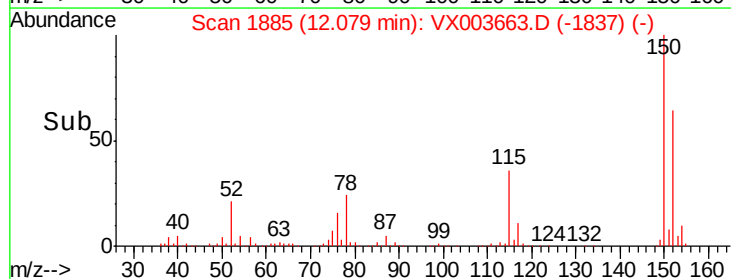
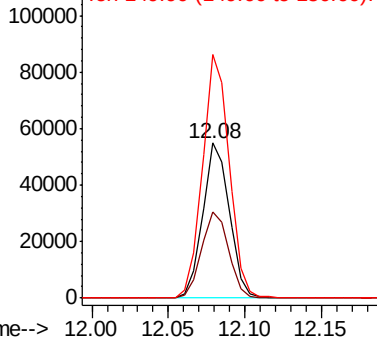


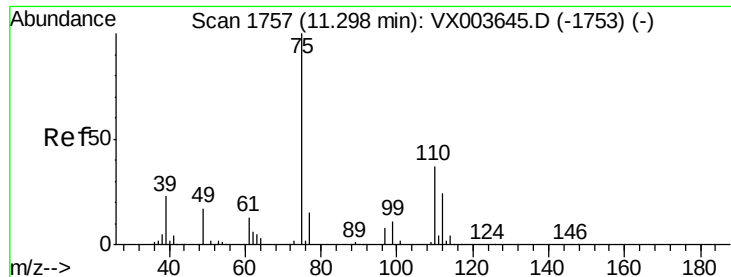
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003663.D
Acq: 25 Jul 2018 17:43

Tgt Ion:152 Resp: 66182
Ion Ratio Lower Upper
152 100
115 57.1 40.0 119.9
150 157.4 0.0 348.4



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: 27.262 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

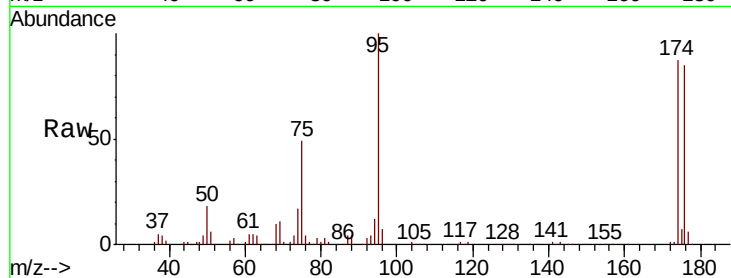
RE109D3-071618

Tgt Ion: 75 Resp: 37843

Ion Ratio Lower Upper

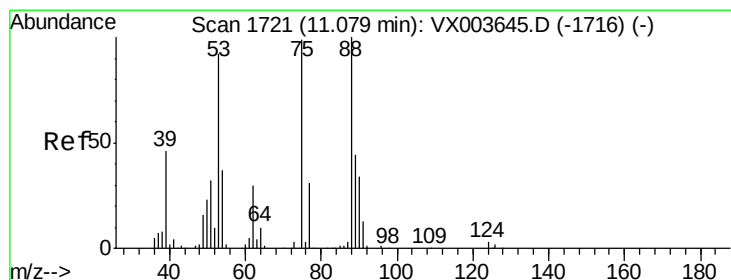
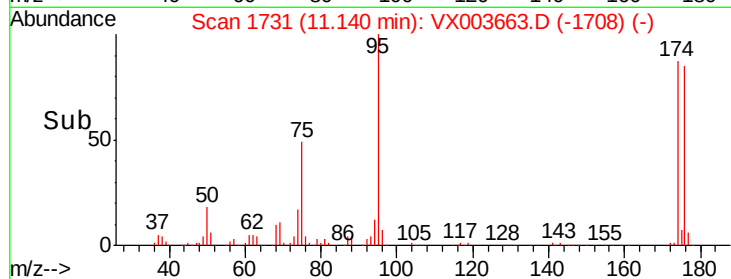
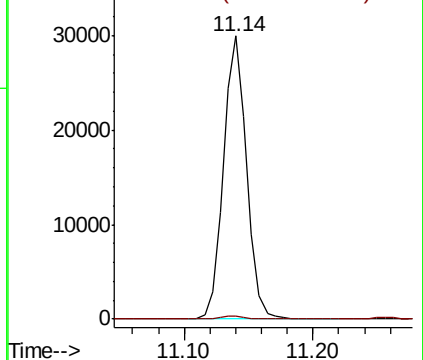
75 100

77 1.1 21.6 64.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 84.464 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

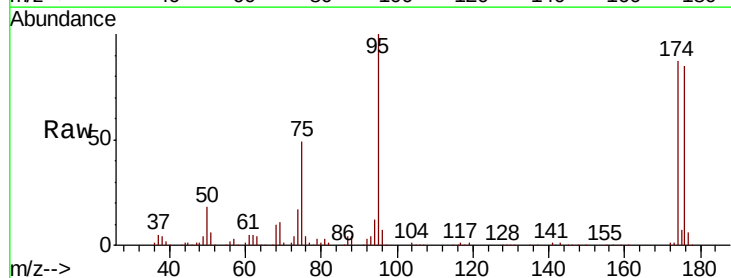
Tgt Ion: 75 Resp: 37843

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

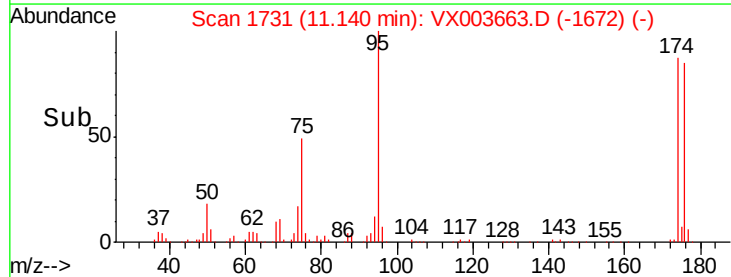
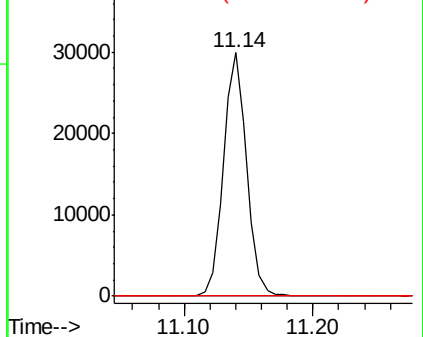
89 0.0 36.6 54.8#

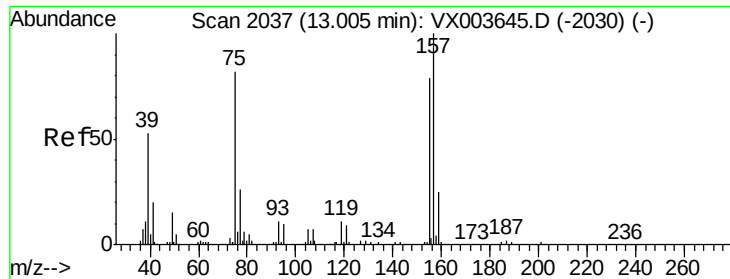


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.311 ug/l

RT: 12.82 min Scan# 2006

Delta R.T. -0.19 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-071618

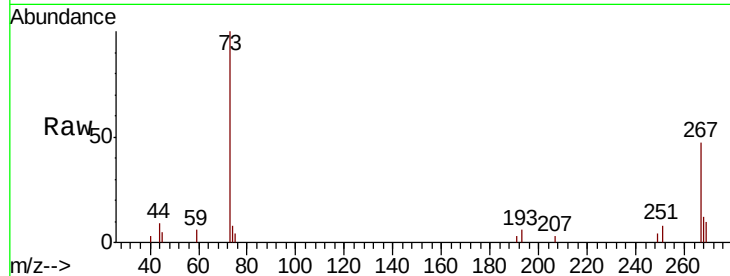
Tgt Ion: 75 Resp: 108

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

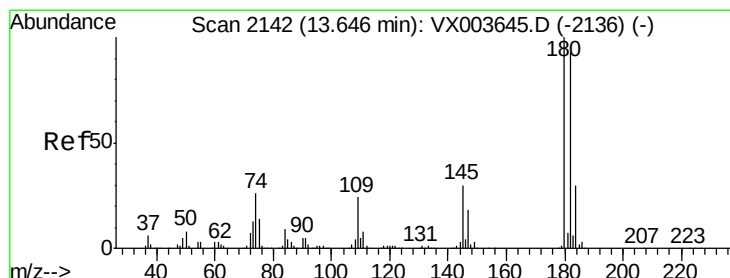
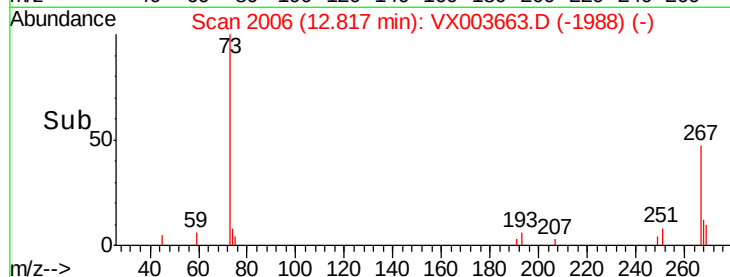
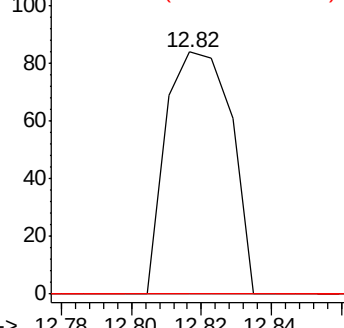
157 0.0 59.7 179.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.239 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VX003663.D

Acq: 25 Jul 2018 17:43

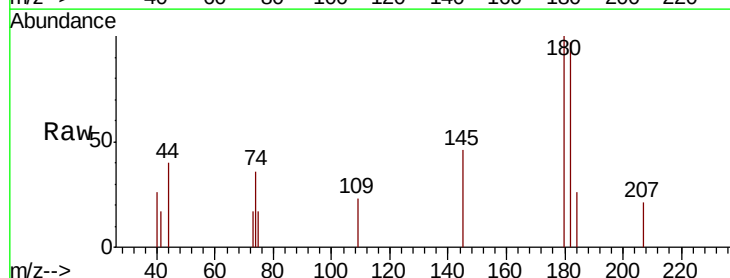
Tgt Ion: 180 Resp: 399

Ion Ratio Lower Upper

180 100

182 103.0 47.9 143.8

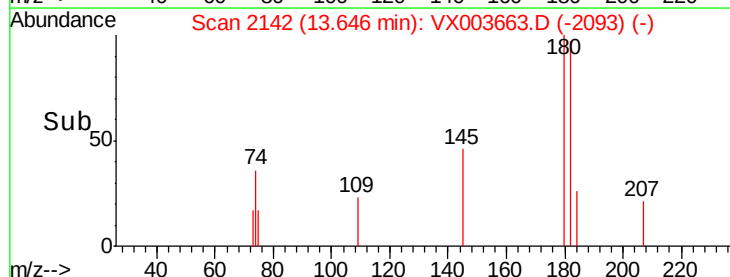
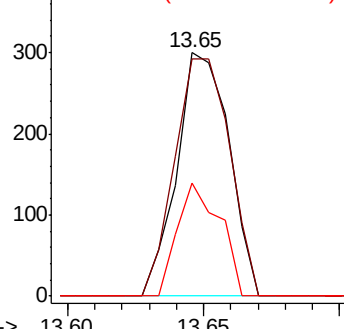
145 37.8 14.4 43.2

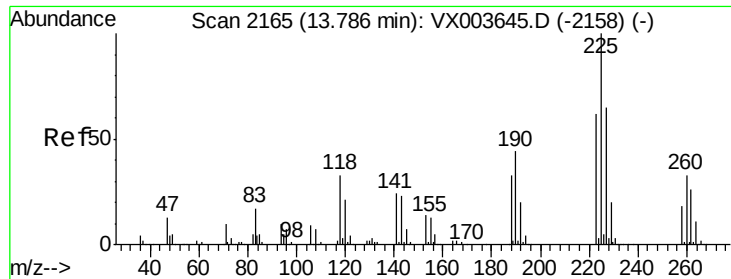


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.316 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003663.D

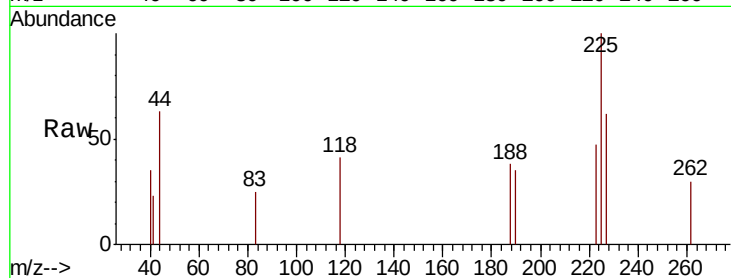
Acq: 25 Jul 2018 17:43

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-071618



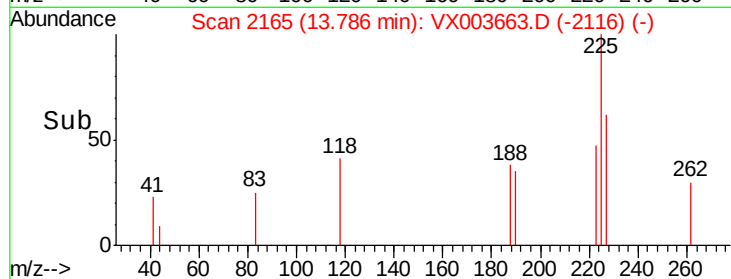
Tgt Ion: 225 Resp: 244

Ion Ratio Lower Upper

225 100

223 57.4 30.9 92.5

227 53.7 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

