

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\
 Data File : VX014705.D
 Acq On : 24 Jan 2020 18:29
 Operator : JC/SP
 Sample : L1245-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20200047-FIELD-BLANK

Quant Time: Jan 24 22:34:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

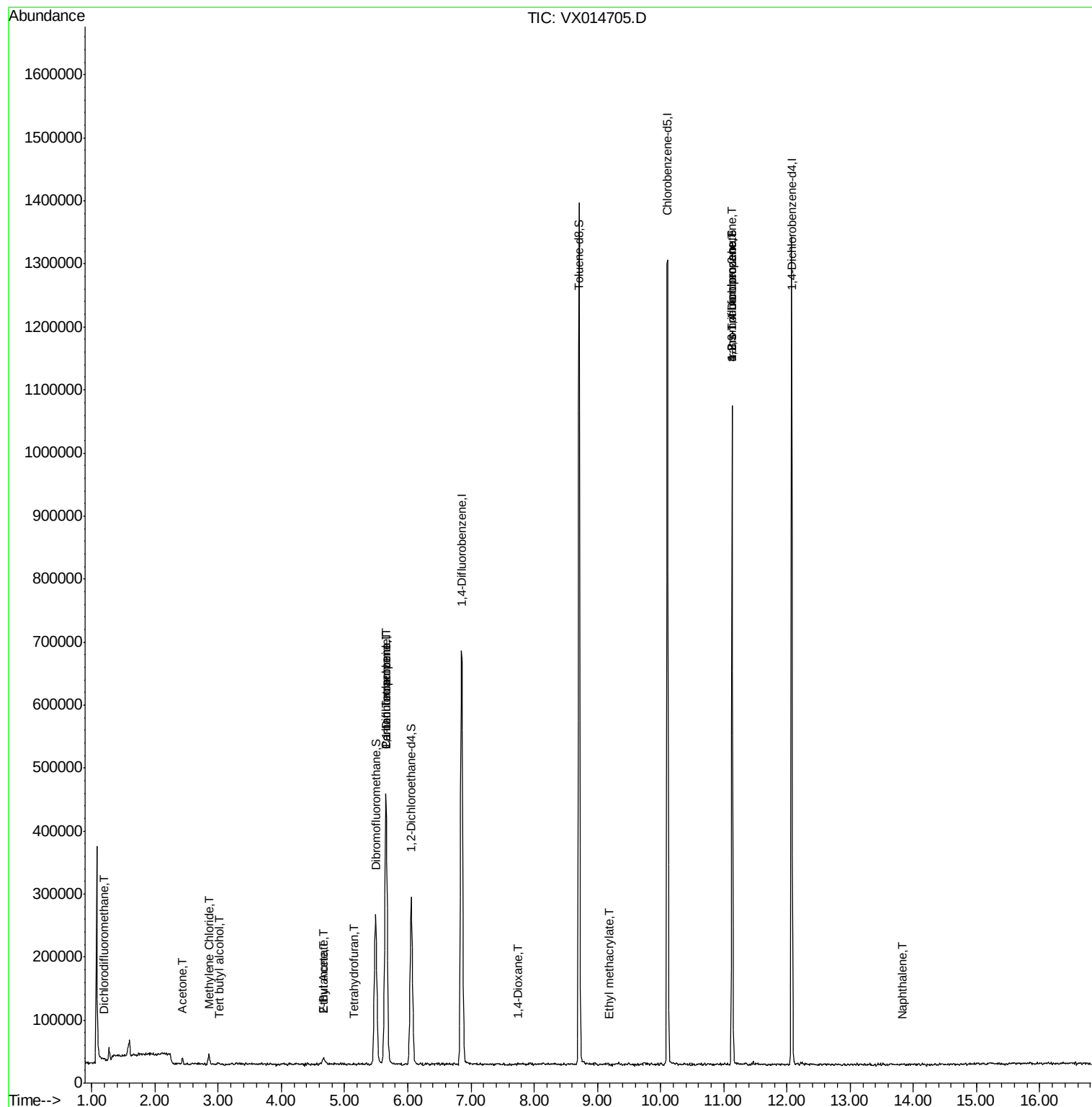
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	433363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	678352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	610740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	250349	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
35) Dibromofluoromethane	5.49	113	207375	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	808585	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.14	95	267257	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	246	0.573	ug/l	80
6) Chloroethane	1.73	64	552	Below Cal	#	80
11) Tert butyl alcohol	3.01	59	2312	2.035	ug/l #	85
16) Acetone	2.44	43	10774	4.032	ug/l	90
20) Methylene Chloride	2.86	84	8681	1.691	ug/l	90
25) 2-Butanone	4.67	43	2283	0.575	ug/l #	50
29) Tetrahydrofuran	5.14	42	774	0.328	ug/l #	43
36) 1,1-Dichloropropene	5.65	75	30014	4.762	ug/l #	54
37) Ethyl Acetate	4.67	43	2283	0.316	ug/l	97
38) Carbon Tetrachloride	5.65	117	37488	6.227	ug/l #	15
41) Methacrylonitrile	5.04	41	337	Below Cal	#	41
49) 1,4-Dioxane	7.75	88	371	3.099	ug/l #	21
56) Ethyl methacrylate	9.19	69	348	1.825	ug/l #	40
76) 1,2,3-Trichloropropane	11.13	75	132902	21.191	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.13	75	132902	60.305	ug/l #	10
95) Naphthalene	13.83	128	1073	0.987	ug/l #	64

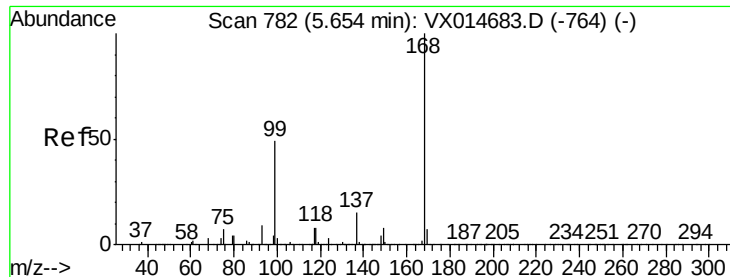
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012420\
Data File : VX014705.D
Acq On : 24 Jan 2020 18:29
Operator : JC/SP
Sample : L1245-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20200047-FIELD-BLANK

Quant Time: Jan 24 22:34:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

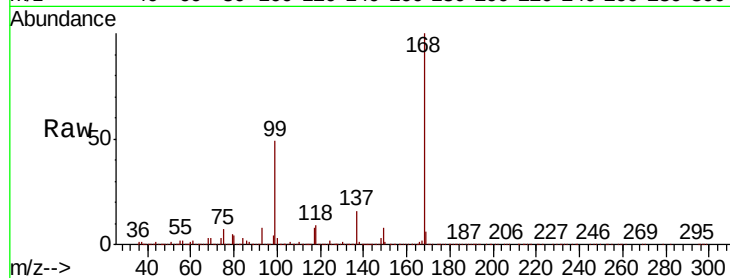
20200047-FIELD-BLANK

Tot Ion:168 Resp: 433363

Ion Ratio Lower Upper

168 100

99 49.0 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

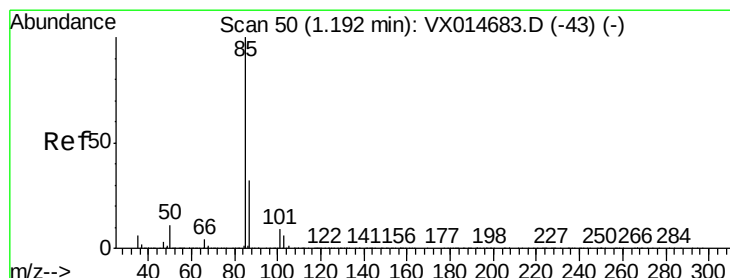
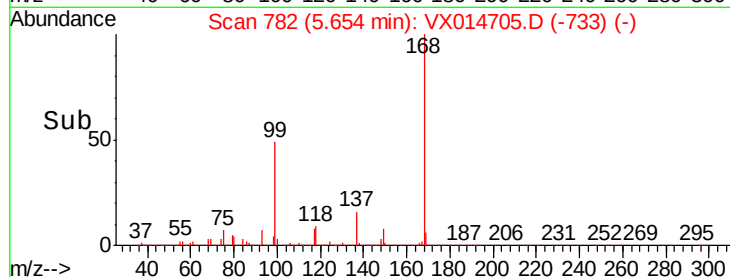
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.573 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014705.D

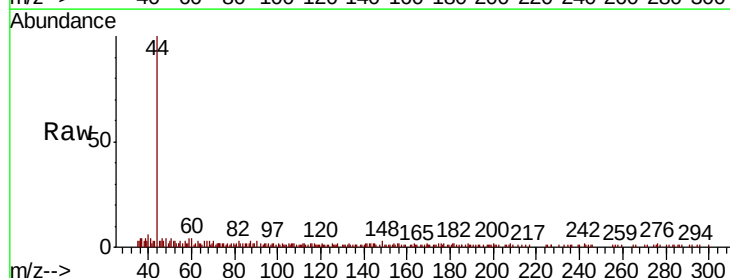
Acq: 24 Jan 2020 18:29

Tgt Ion: 85 Resp: 246

Ion Ratio Lower Upper

85 100

87 43.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400

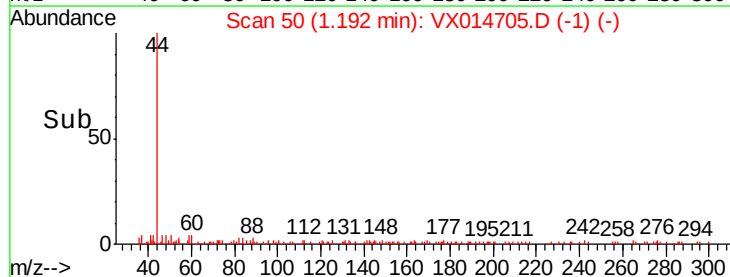
300

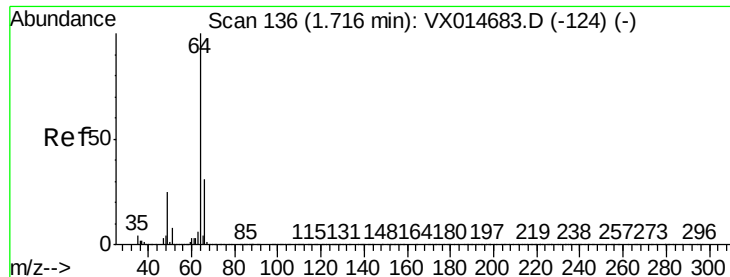
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 139

Delta R.T. 0.02 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

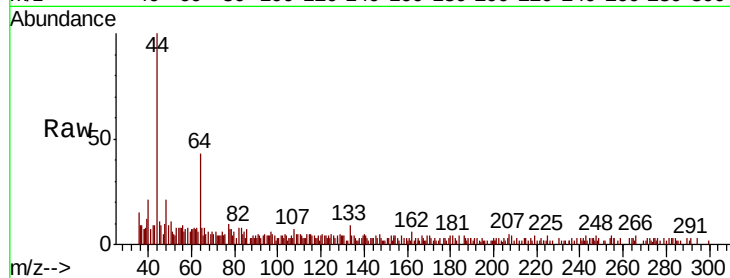
20200047-FIELD-BLANK

Tot Ion: 64 Resp: 552

Ion Ratio Lower Upper

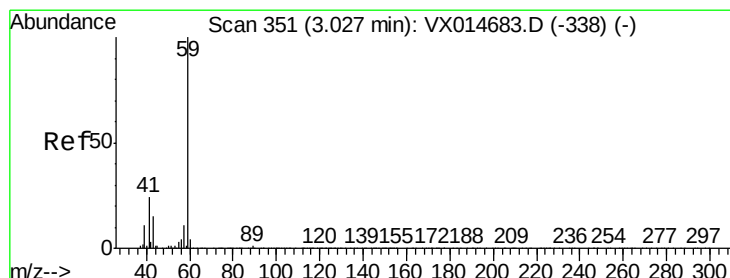
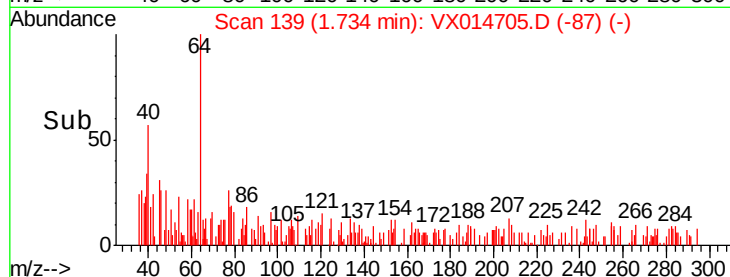
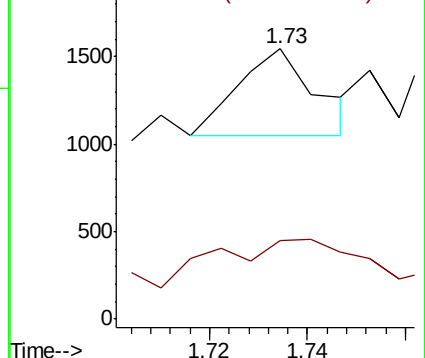
64 100

66 20.2 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 2.035 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX014705.D

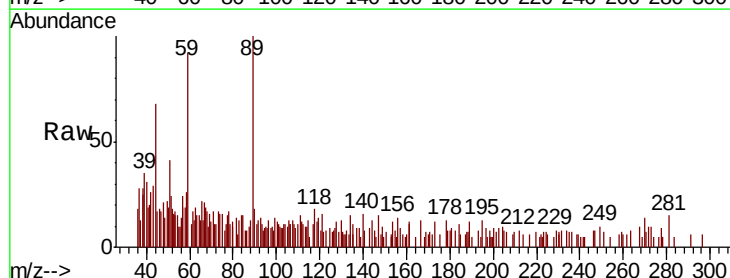
Acq: 24 Jan 2020 18:29

Tgt Ion: 59 Resp: 2312

Ion Ratio Lower Upper

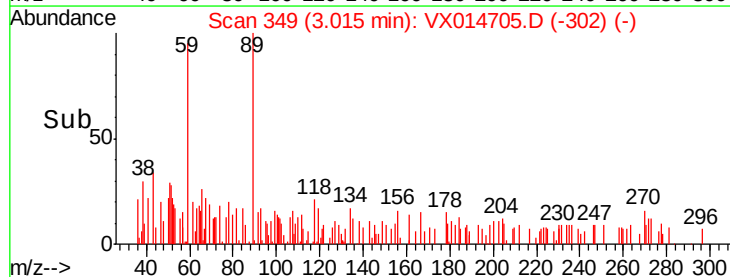
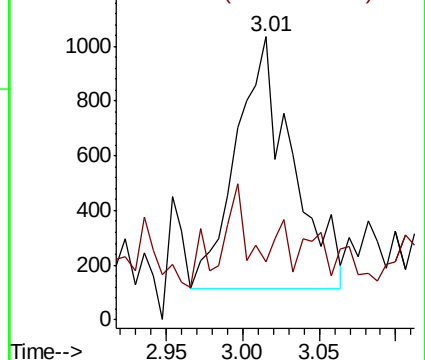
59 100

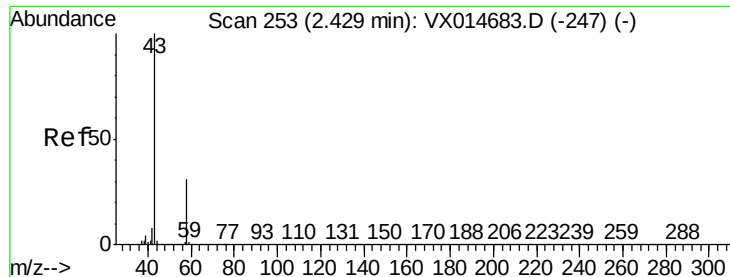
57 5.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 4.032 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

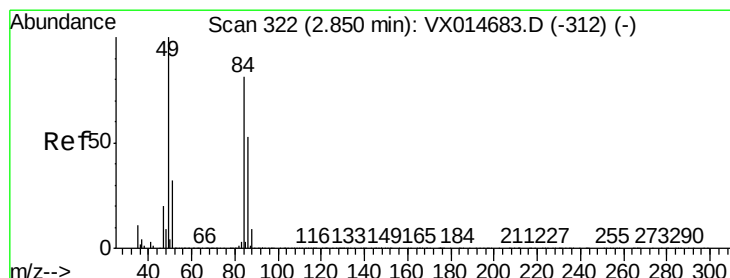
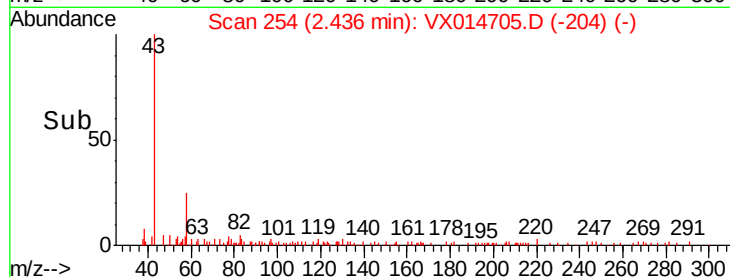
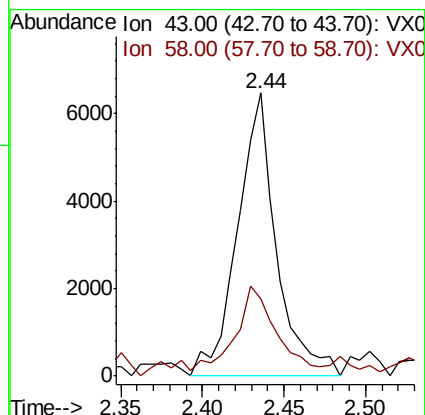
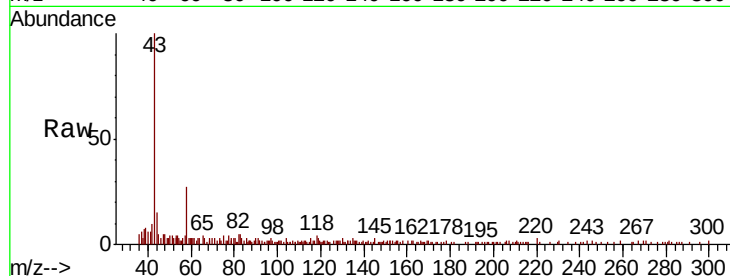
20200047-FIELD-BLANK

Tot Ion: 43 Resp: 10774

Ion Ratio Lower Upper

43 100

58 25.0 24.5 36.7



#20

Methylene Chloride

Concen: 1.691 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Tgt Ion: 84 Resp: 8681

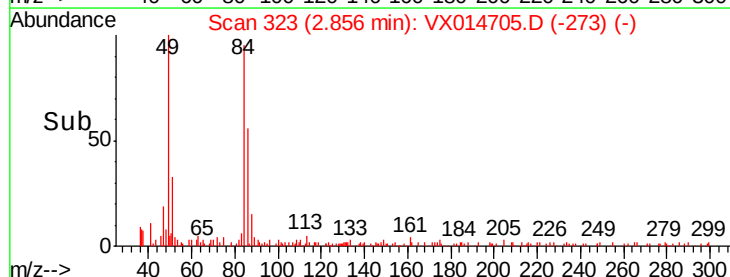
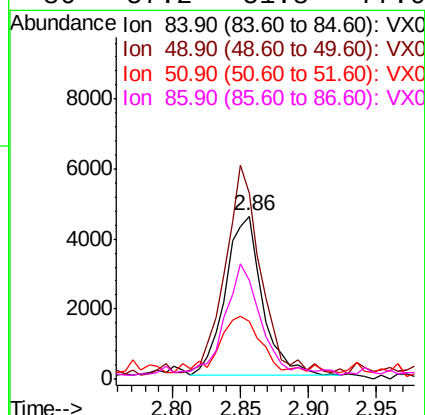
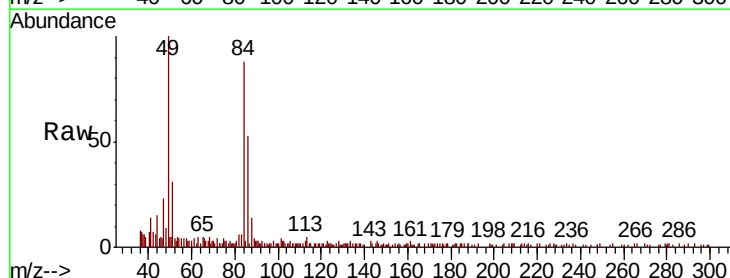
Ion Ratio Lower Upper

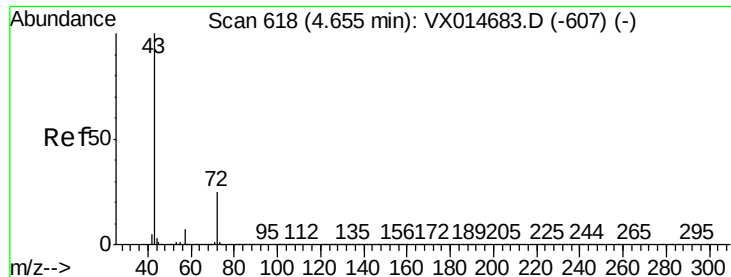
84 100

49 110.8 98.2 147.4

51 31.9 31.3 46.9

86 57.2 51.8 77.6





#25

2-Butanone

Concen: 0.575 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.02 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

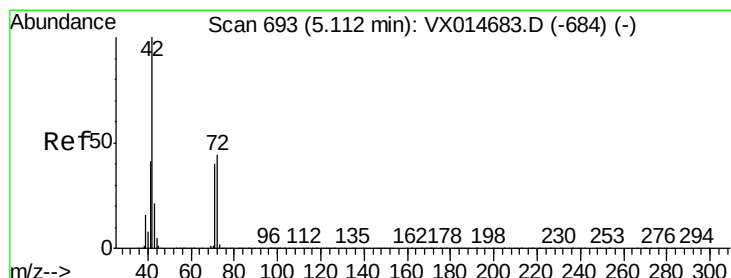
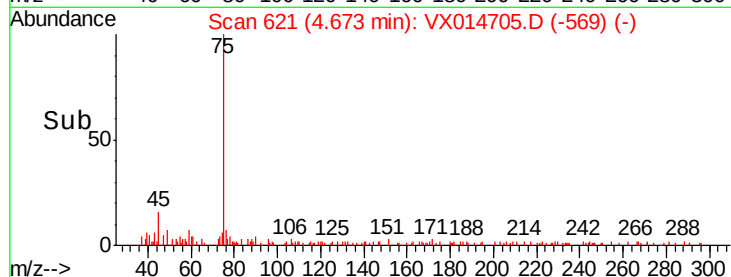
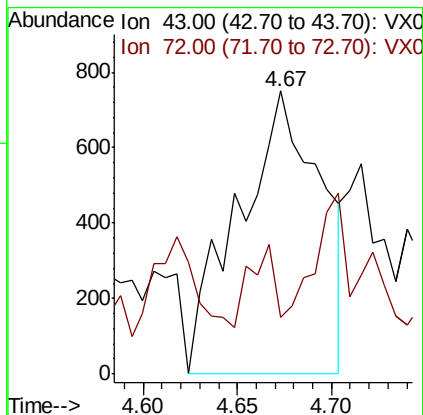
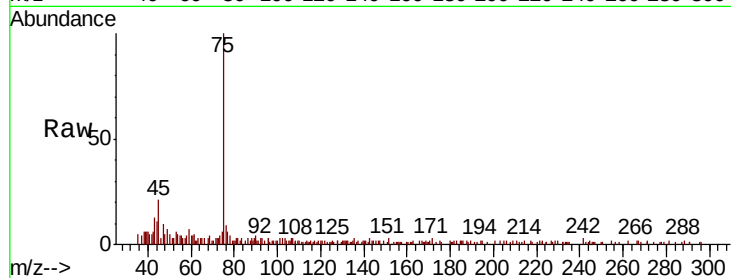
20200047-FIELD-BLANK

Tot Ion: 43 Resp: 2283

Ion Ratio Lower Upper

43 100

72 0.0 19.9 29.9#



#29

Tetrahydrofuran

Concen: 0.328 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

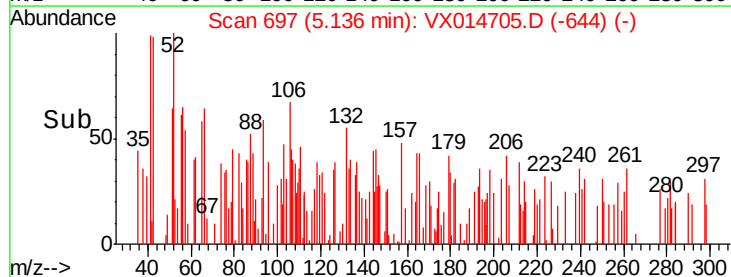
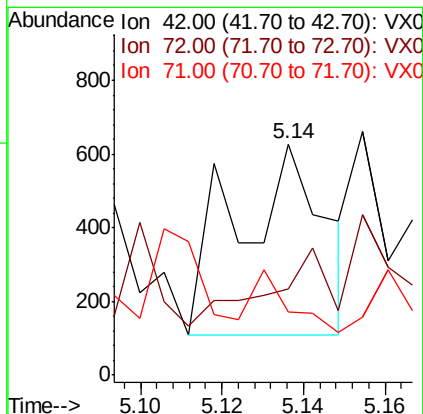
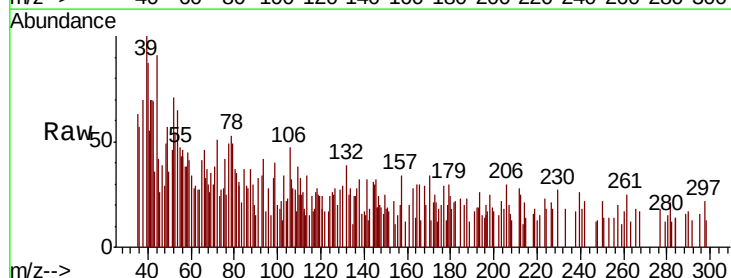
Tgt Ion: 42 Resp: 774

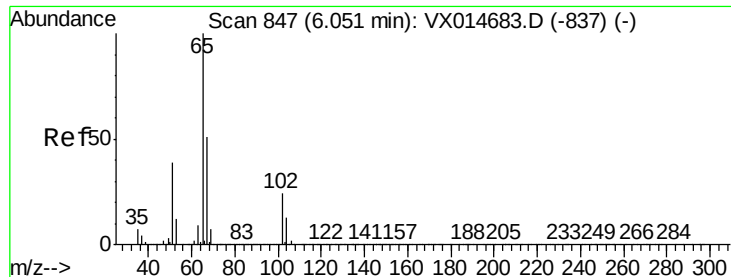
Ion Ratio Lower Upper

42 100

72 0.0 35.3 52.9#

71 13.0 33.1 49.7#

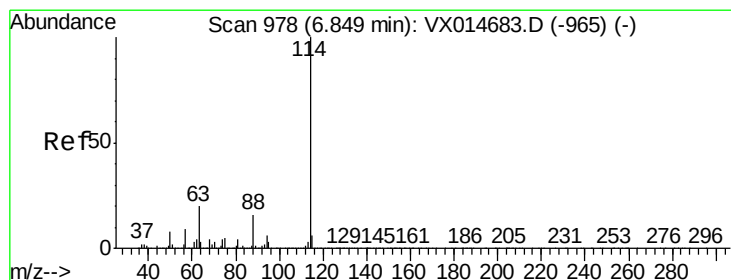
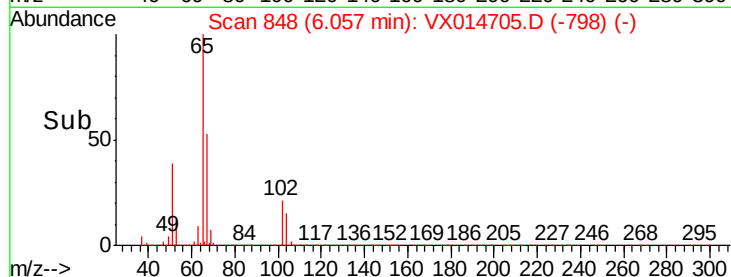
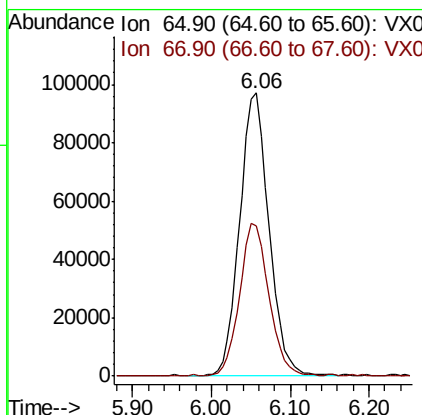
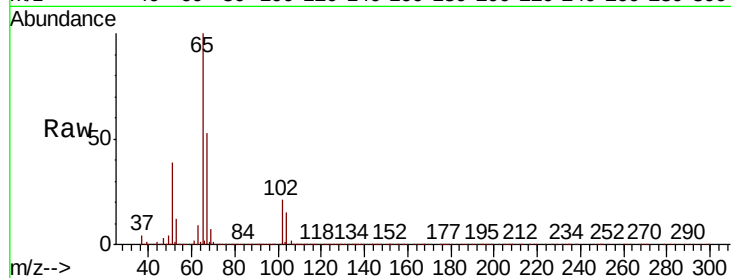




#33
 1,2-Dichloroethane-d4
 Concen: 49.470 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014705.D
 Acq: 24 Jan 2020 18:29

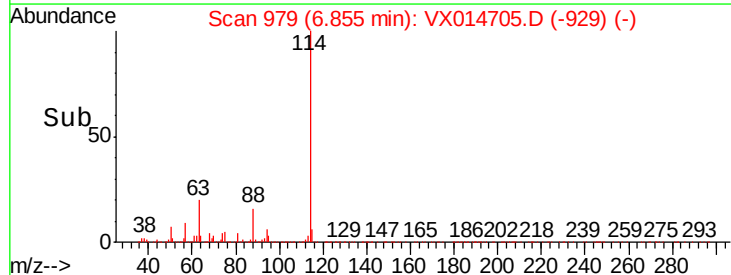
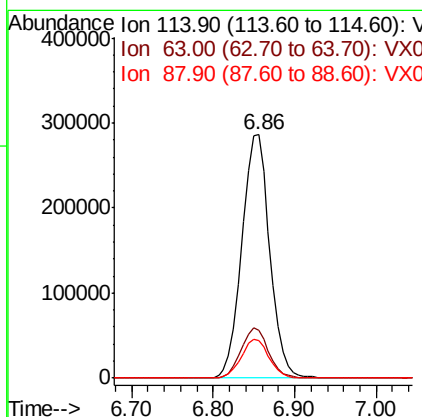
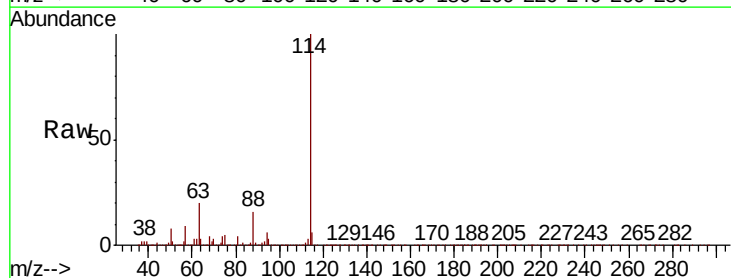
Instrument :
 MSVOA_X
 ClientSampleId :
 20200047-FIELD-BLANK

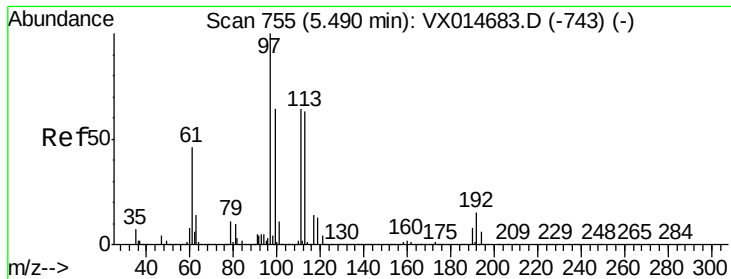
Tot Ion: 65 Resp: 250349
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX014705.D
 Acq: 24 Jan 2020 18:29

Tgt Ion: 114 Resp: 678352
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 15.6 0.0 31.2

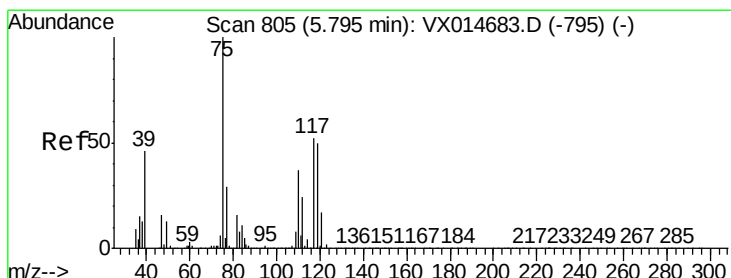
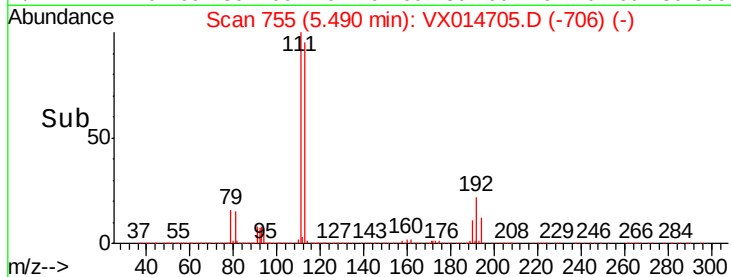
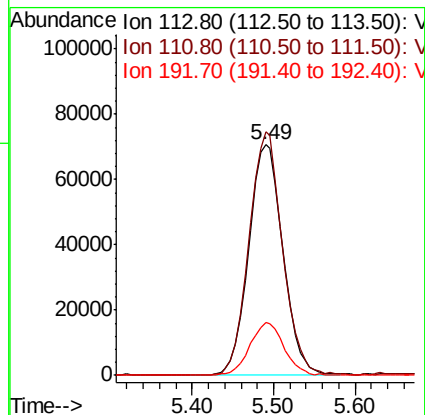
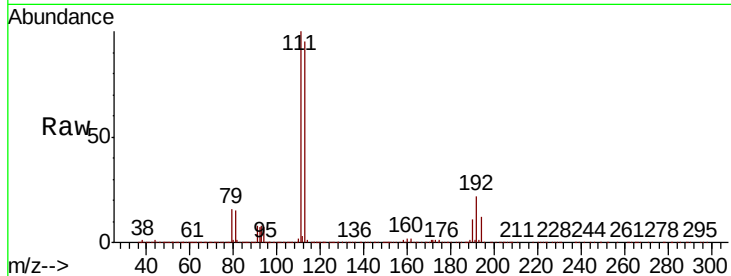




#35
 Dibromofluoromethane
 Concen: 48.448 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014705.D
 Acq: 24 Jan 2020 18:29

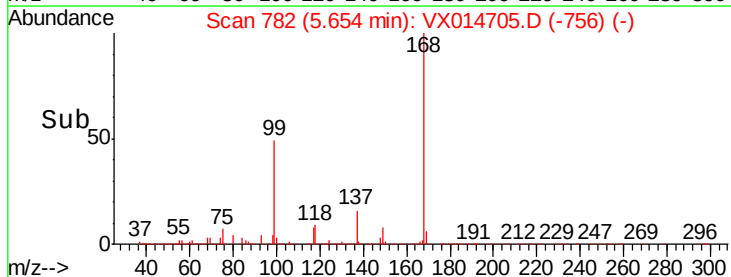
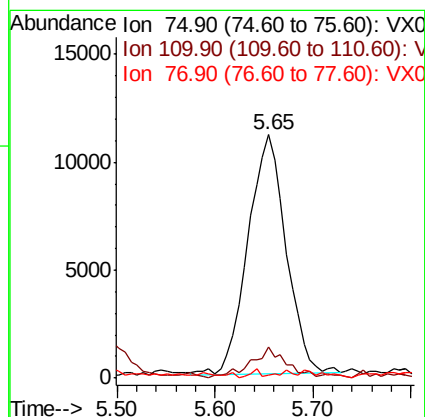
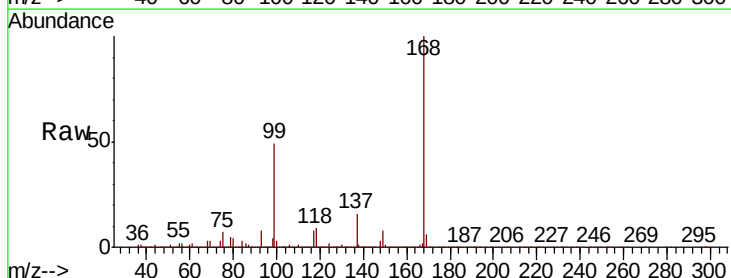
Instrument :
 MSVOA_X
 ClientSampleId :
 20200047-FIELD-BLANK

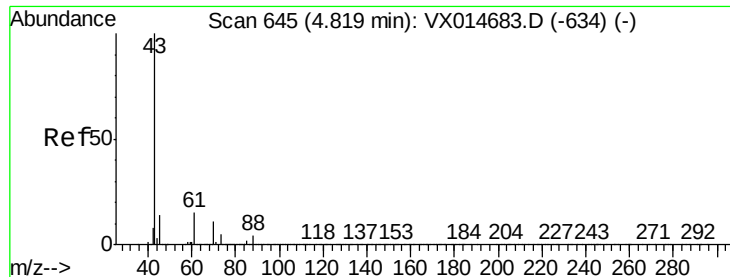
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.7	121.1
192	22.7	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 4.762 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.14 min
 Lab File: VX014705.D
 Acq: 24 Jan 2020 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.1	17.9	53.7#
77	1.2	24.1	36.1#

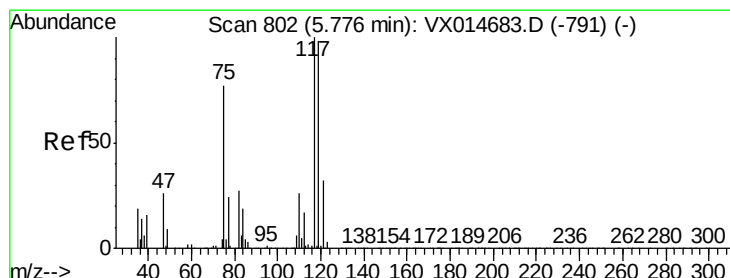
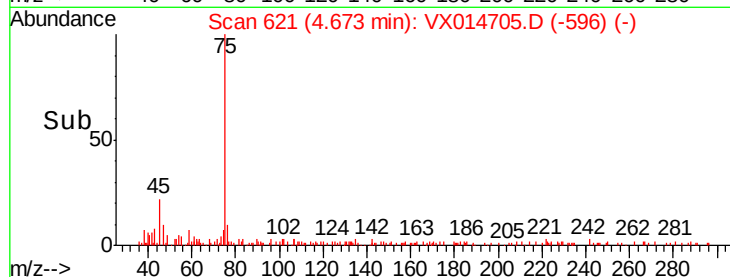
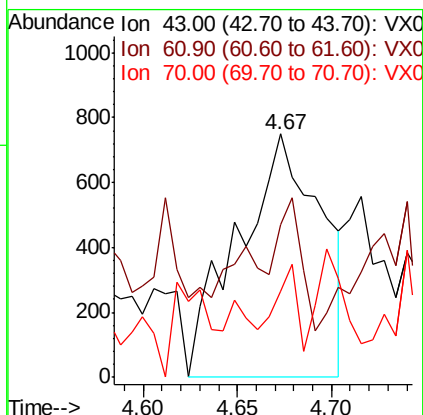
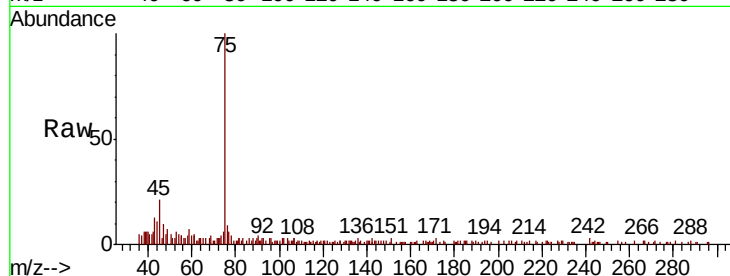




#37
Ethyl Acetate
Concen: 0.316 ug/l
RT: 4.67 min Scan# 621
Delta R.T. -0.15 min
Lab File: VX014705.D
Acq: 24 Jan 2020 18:29

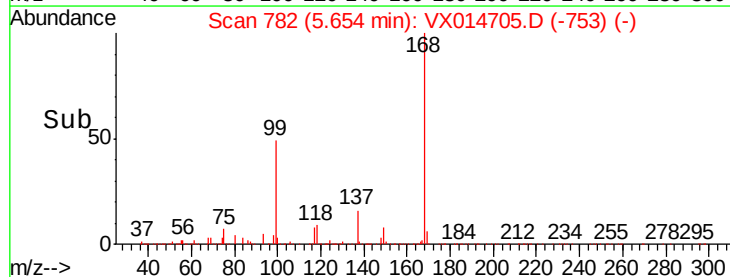
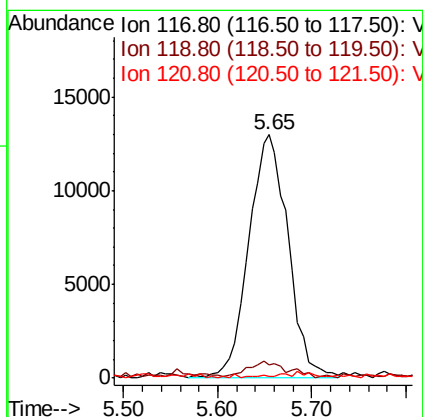
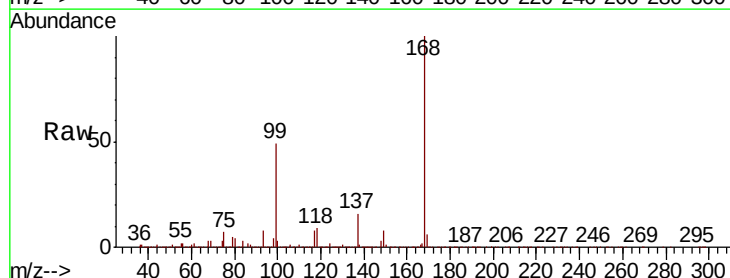
Instrument :
MSVOA_X
ClientSampleId :
20200047-FIELD-BLANK

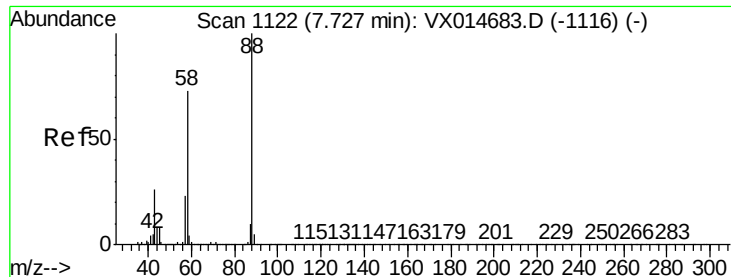
Tot Ion: 43 Resp: 2283
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.4
70 9.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 6.227 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014705.D
Acq: 24 Jan 2020 18:29

Tgt Ion: 117 Resp: 37488
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.4 25.4 38.2#





#49

1,4-Dioxane

Concen: 3.099 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.02 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

20200047-FIELD-BLANK

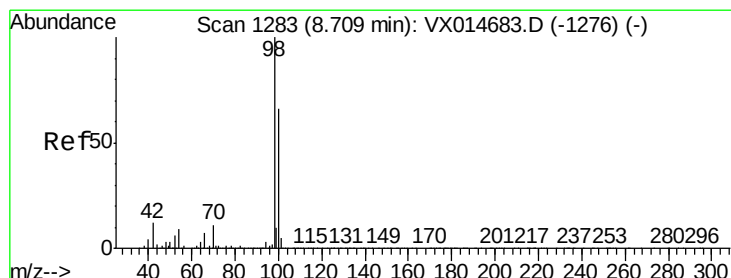
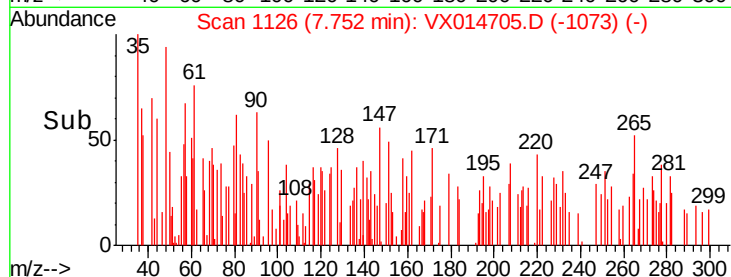
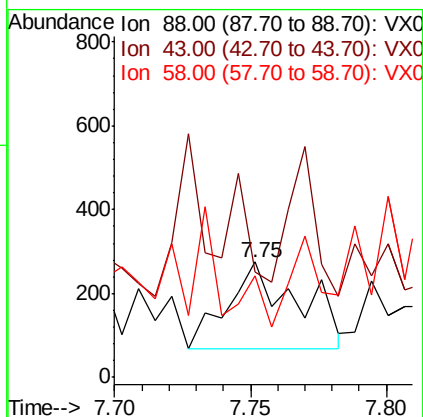
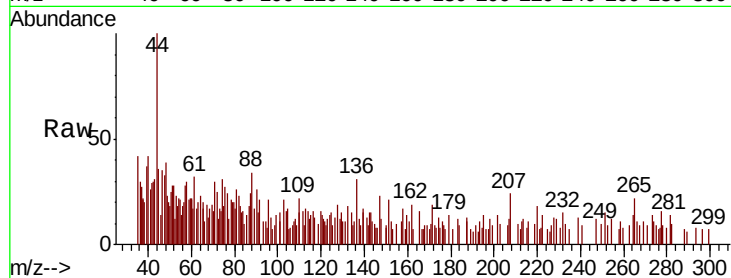
Tot Ion: 88 Resp: 371

Ion Ratio Lower Upper

88 100

43 139.6 26.2 39.2#

58 47.7 56.6 85.0#



#50

Toluene-d8

Concen: 49.138 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014705.D

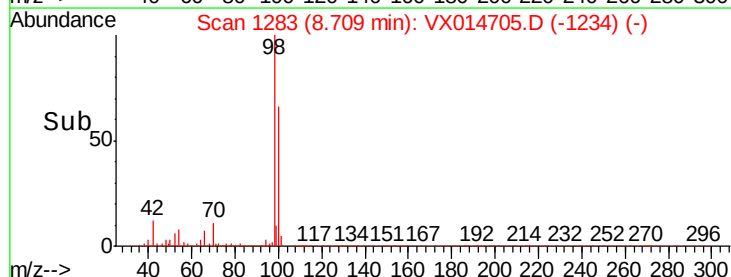
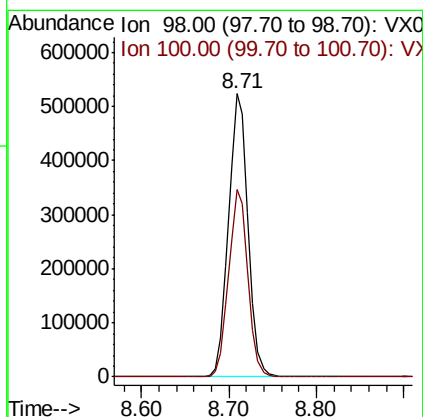
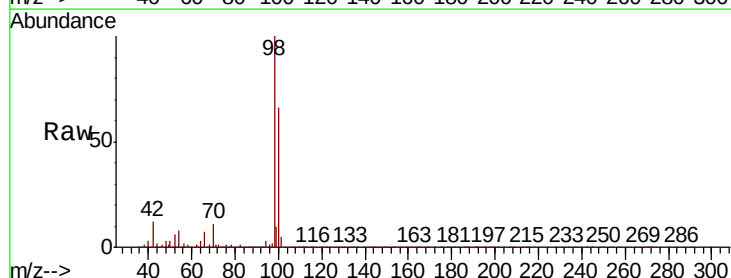
Acq: 24 Jan 2020 18:29

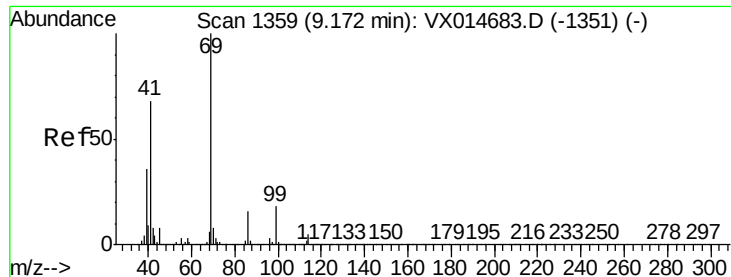
Tgt Ion: 98 Resp: 808585

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6

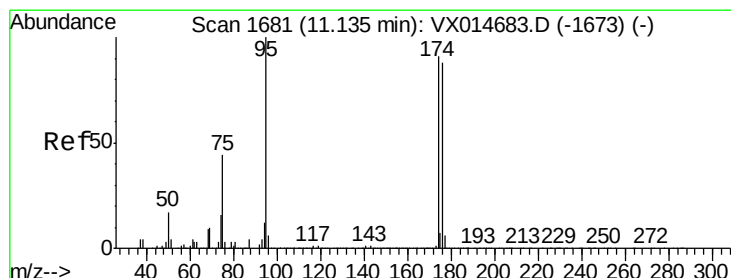
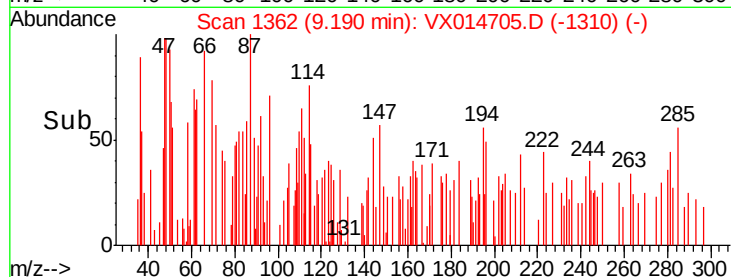
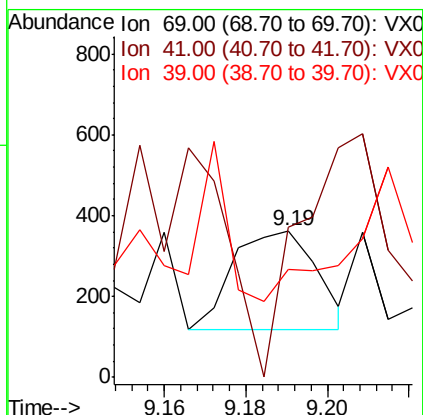
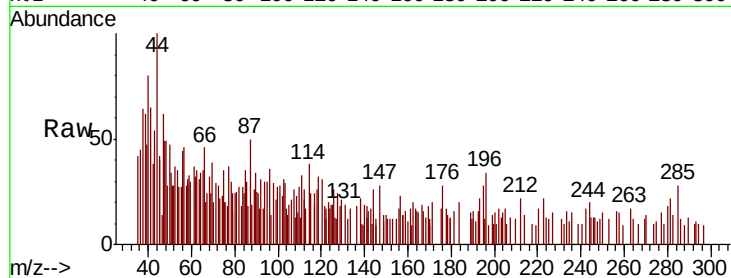




#56
Ethyl methacrylate
Concen: 1.825 ug/l
RT: 9.19 min Scan# 1362
Delta R.T. 0.02 min
Lab File: VX014705.D
Acq: 24 Jan 2020 18:29

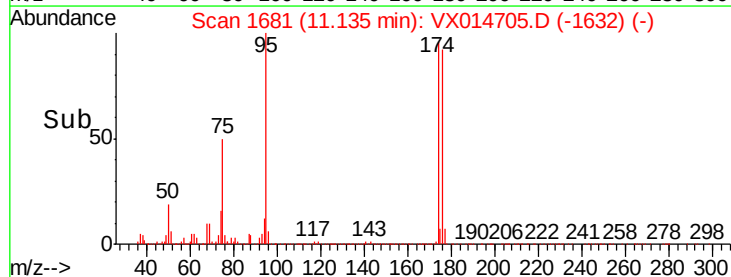
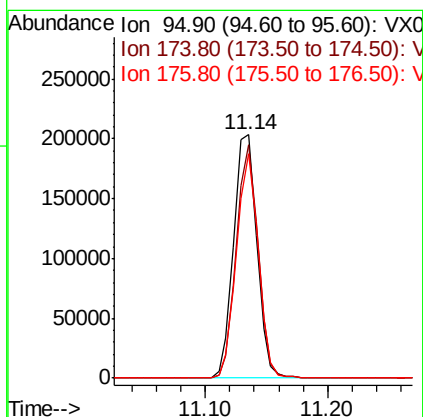
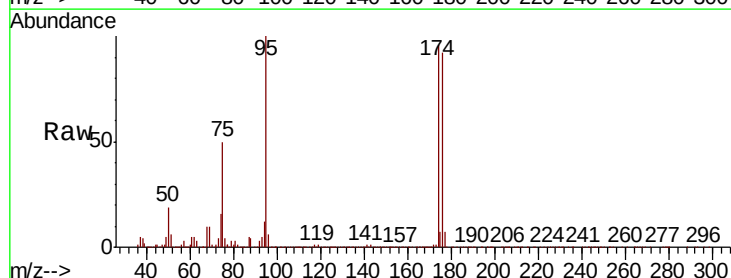
Instrument :
MSVOA_X
ClientSampleId :
20200047-FIELD-BLANK

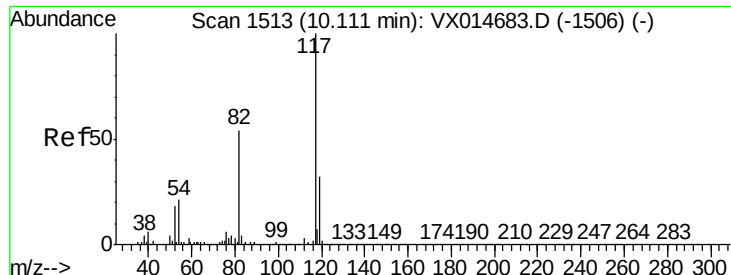
Tot Ion: 69 Resp: 348
Ion Ratio Lower Upper
69 100
41 0.0 54.9 82.3#
39 44.5 29.3 43.9#



#62
4-Bromofluorobenzene
Concen: 45.593 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014705.D
Acq: 24 Jan 2020 18:29

Tgt Ion: 95 Resp: 267257
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.0
176 86.5 0.0 172.2

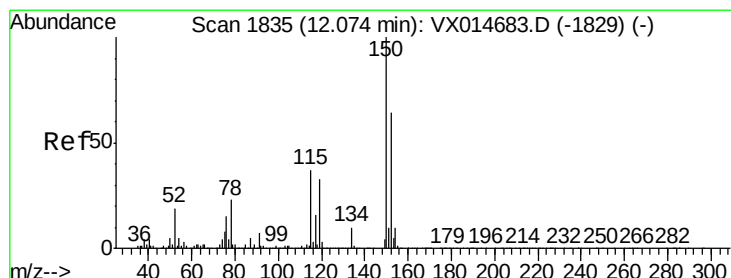
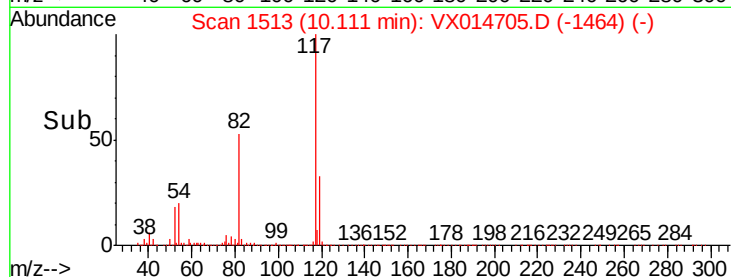
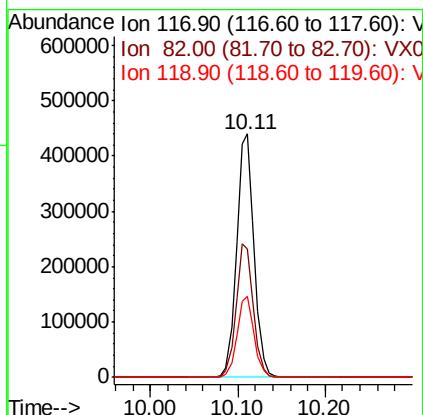
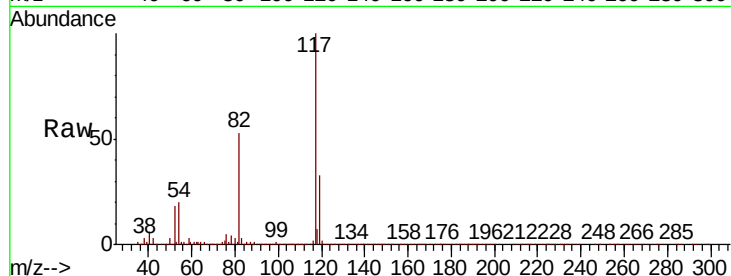




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014705.D
Acq: 24 Jan 2020 18:29

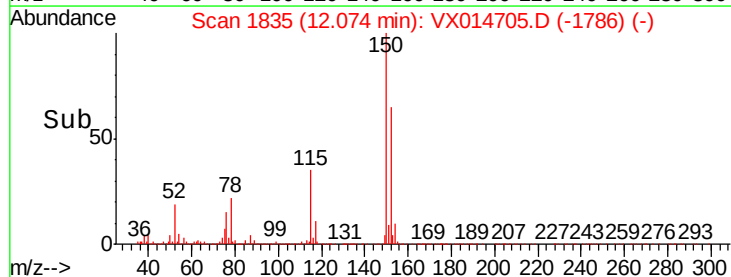
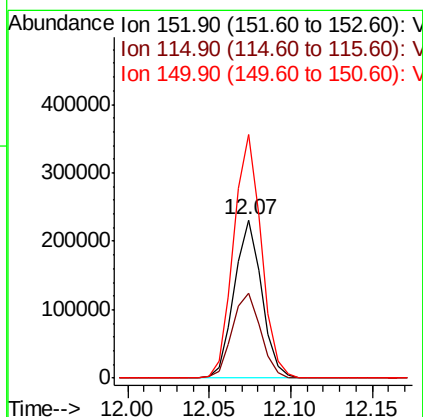
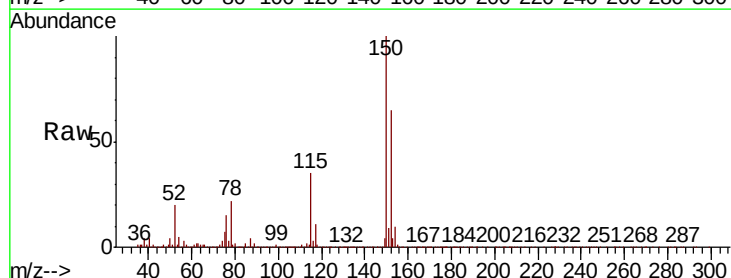
Instrument :
MSVOA_X
ClientSampleId :
20200047-FIELD-BLANK

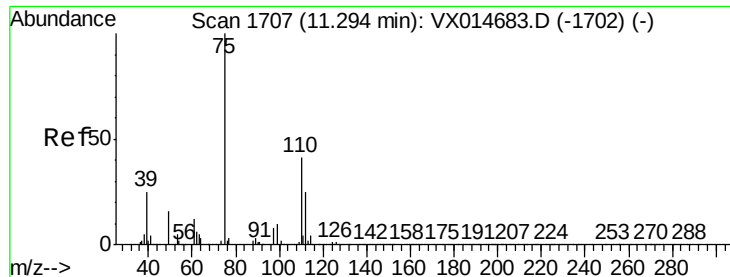
Tot Ion:117 Resp: 610740
Ion Ratio Lower Upper
117 100
82 52.8 43.2 64.8
119 33.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014705.D
Acq: 24 Jan 2020 18:29

Tgt Ion:152 Resp: 269570
Ion Ratio Lower Upper
152 100
115 55.9 39.4 118.1
150 156.0 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 21.191 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

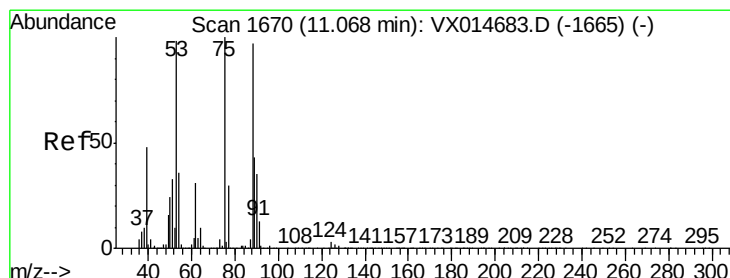
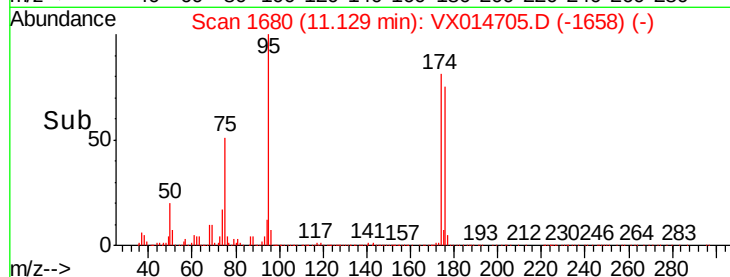
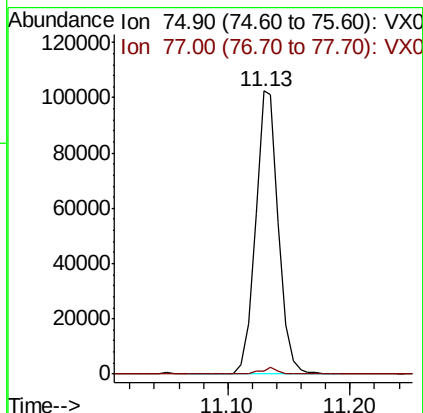
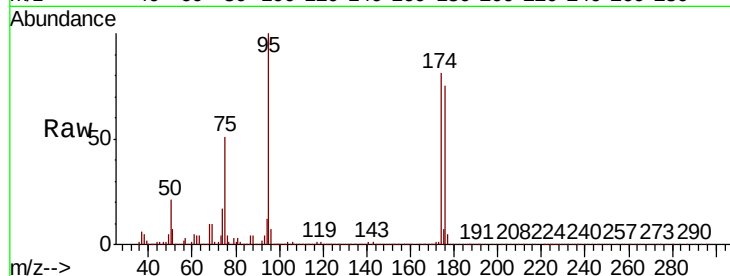
20200047-FIELD-BLANK

Tot Ion: 75 Resp: 132902

Ion Ratio Lower Upper

75 100

77 2.2 18.7 56.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.305 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

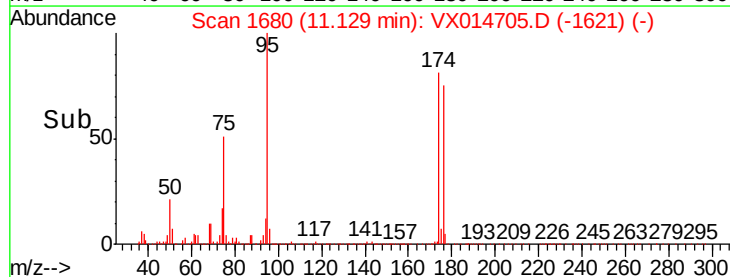
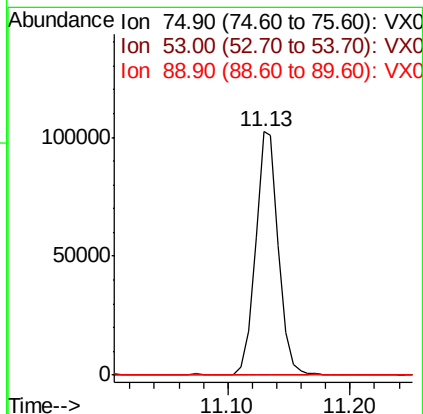
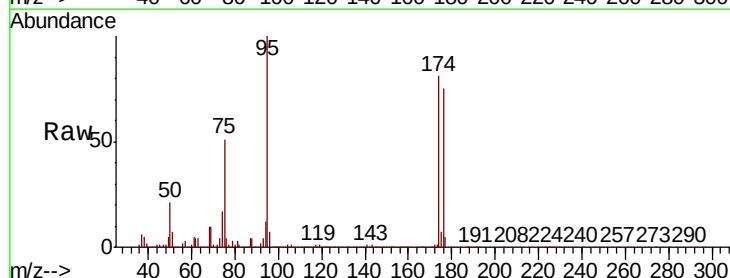
Tgt Ion: 75 Resp: 132902

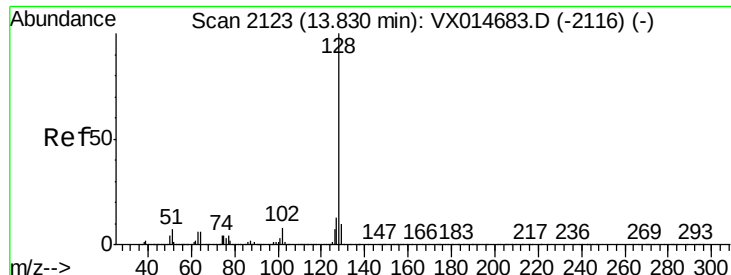
Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 35.4 53.0#





#95

Naphthalene

Concen: 0.987 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

20200047-FIELD-BLANK

Tot Ion:128 Resp: 1073

Ion Ratio Lower Upper

128 100

127 24.8 10.3 15.5#

129 27.4 8.6 12.8#

