

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007719.D
 Acq On : 26 Feb 2019 17:46
 Operator : JC/SP
 Sample : K1580-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Feb 27 00:18:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	564291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	532700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238832	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	207225	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
35) Dibromofluoromethane	5.50	113	191522	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
50) Toluene-d8	8.71	98	690777	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.13	95	238790	45.05	ug/l	0.00
Spiked Amount			Recovery	=	90.10%	

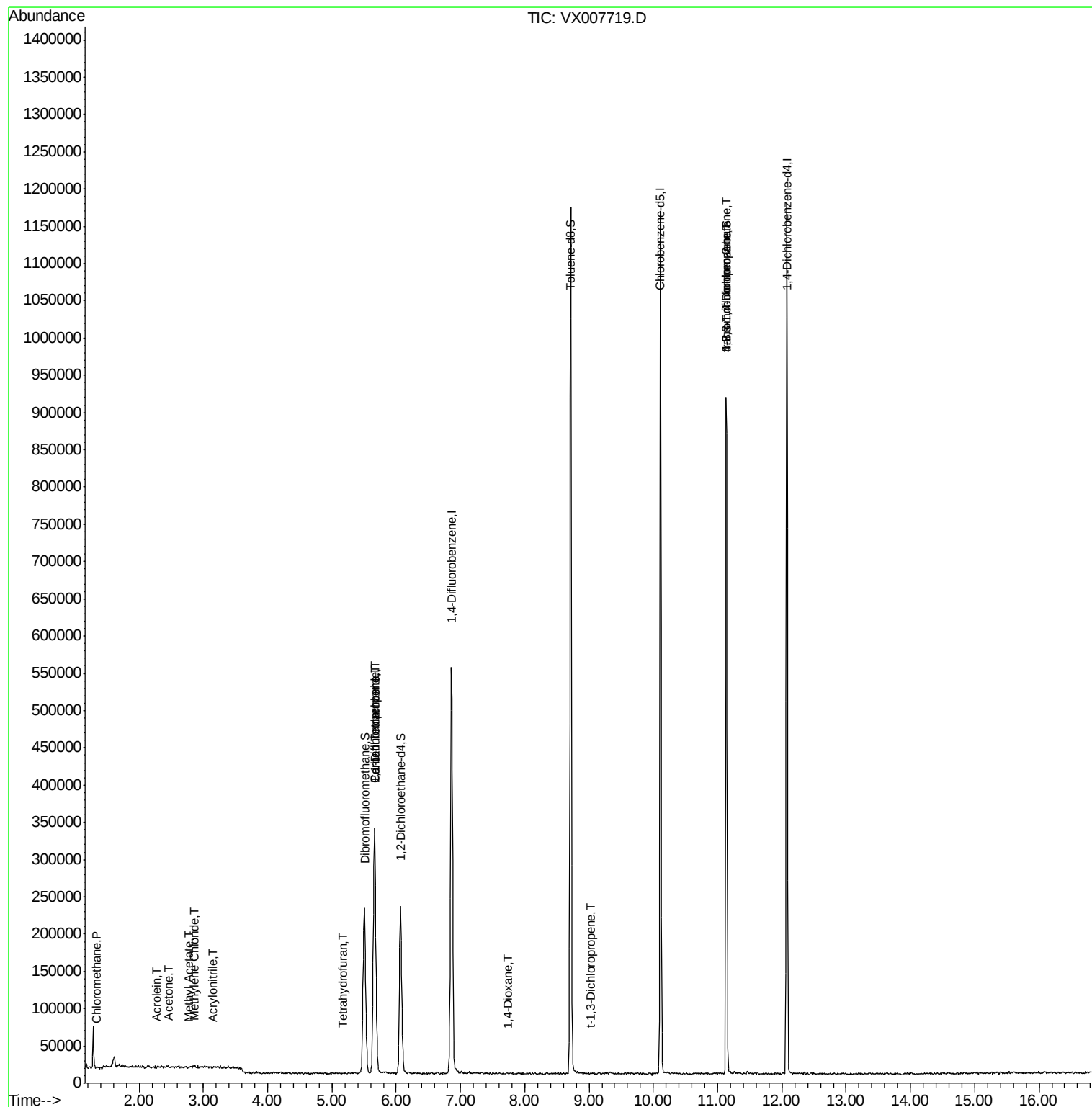
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	864	0.260	ug/l #	78
5) Bromomethane	1.64	94	410	Below Cal	#	43
13) Acrolein	2.28	56	520	0.764	ug/l #	32
15) Acrylonitrile	3.14	53	437	0.243	ug/l #	76
16) Acetone	2.45	43	2507	1.397	ug/l #	47
18) Methyl Acetate	2.78	43	1268	0.324	ug/l #	48
20) Methylene Chloride	2.86	84	1077	0.325	ug/l #	88
29) Tetrahydrofuran	5.17	42	407	0.226	ug/l #	92
36) 1,1-Dichloropropene	5.67	75	23678	4.667	ug/l #	50
38) Carbon Tetrachloride	5.67	117	31615	6.204	ug/l #	18
49) 1,4-Dioxane	7.74	88	291	2.964	ug/l #	1
53) t-1,3-Dichloropropene	9.04	75	76	2.814	ug/l #	18
76) 1,2,3-Trichloropropane	11.13	75	116095	22.805	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	116095	60.442	ug/l #	9

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

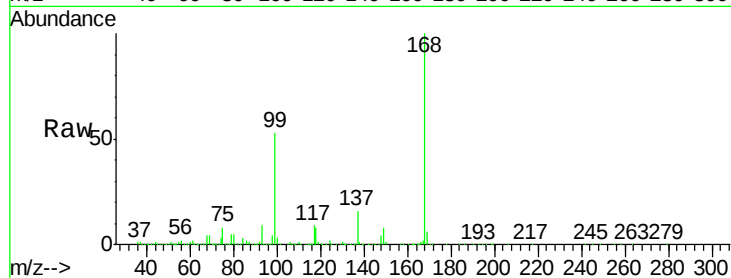
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 325781

Ion Ratio Lower Upper

168 100

99 53.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

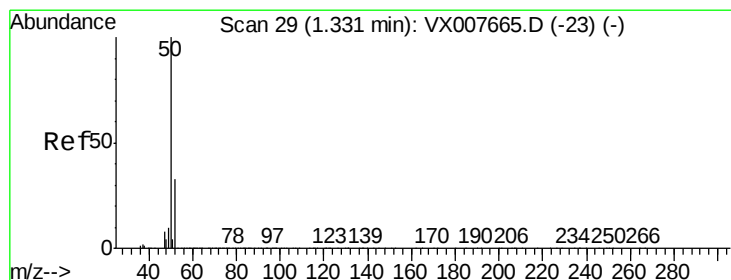
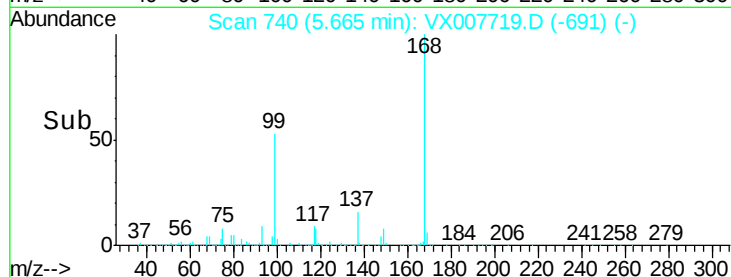
5.67

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.260 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007719.D

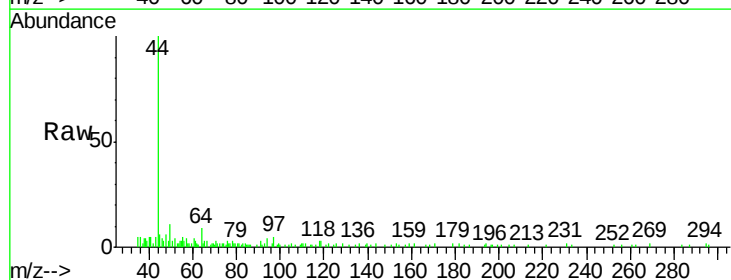
Acq: 26 Feb 2019 17:46

Tgt Ion: 50 Resp: 864

Ion Ratio Lower Upper

50 100

52 20.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

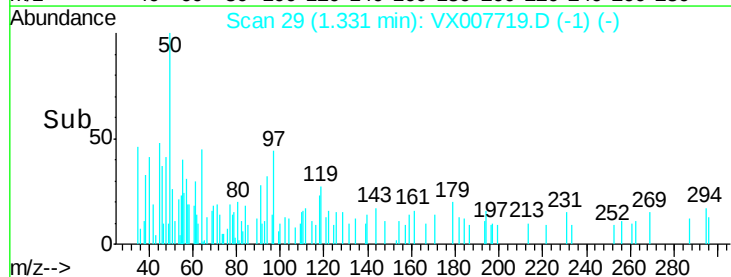
600

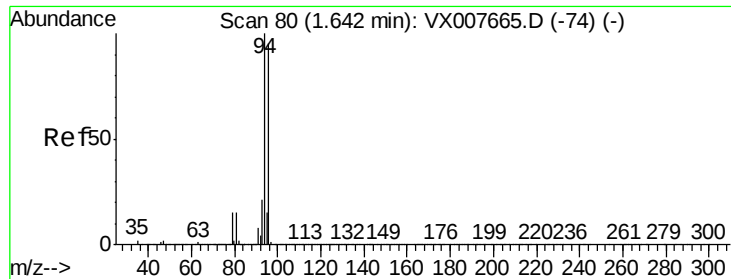
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

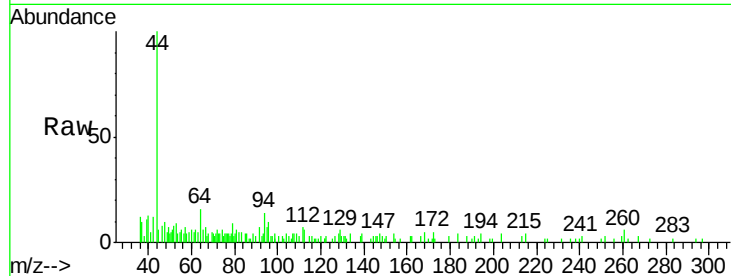
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 94 Resp: 410

Ion Ratio Lower Upper

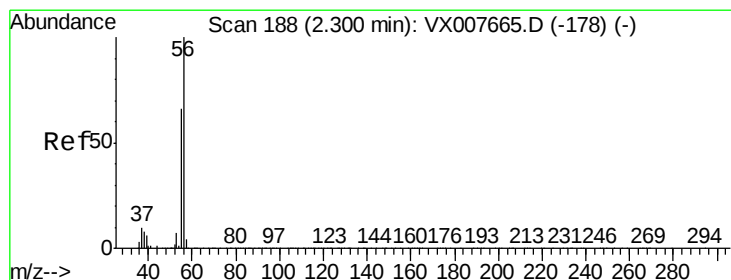
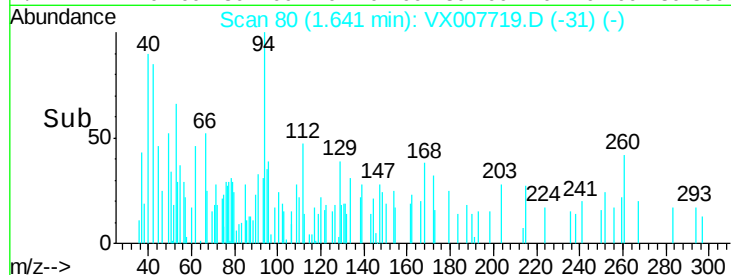
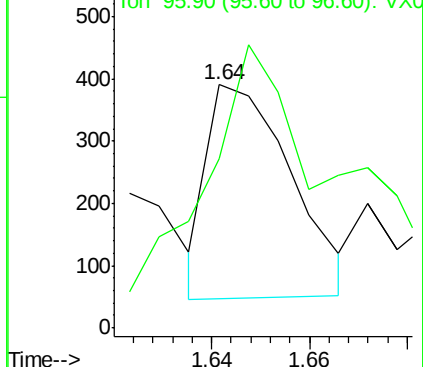
94 100

96 37.8 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#13

Acrolein

Concen: 0.764 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.02 min

Lab File: VX007719.D

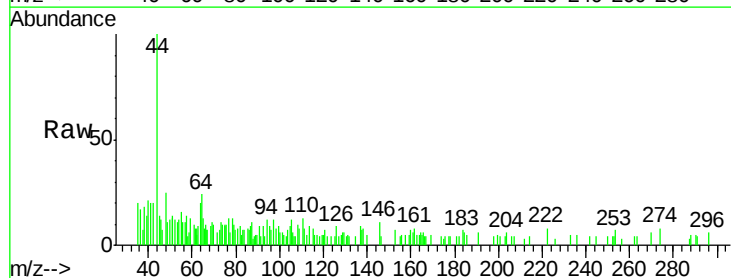
Acq: 26 Feb 2019 17:46

Tgt Ion: 56 Resp: 520

Ion Ratio Lower Upper

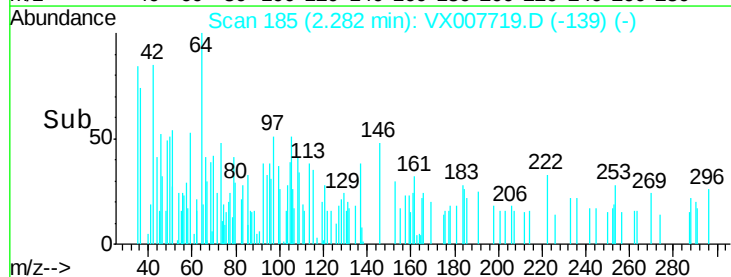
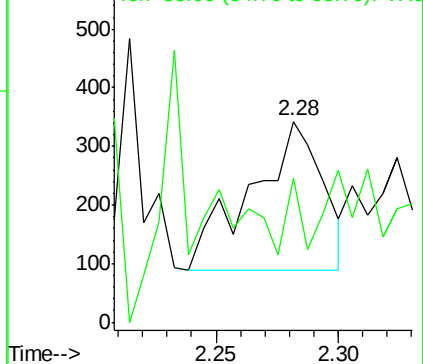
56 100

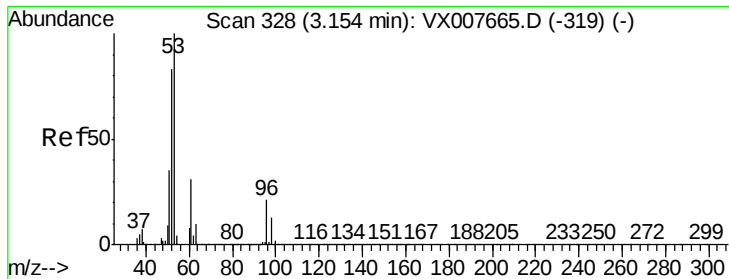
55 14.6 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.243 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

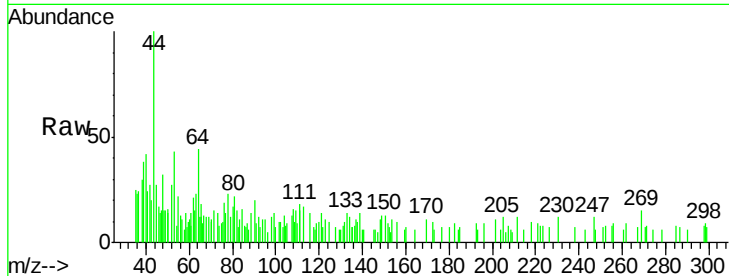
Tot Ion: 53 Resp: 437

Ion Ratio Lower Upper

53 100

52 90.8 66.4 99.6

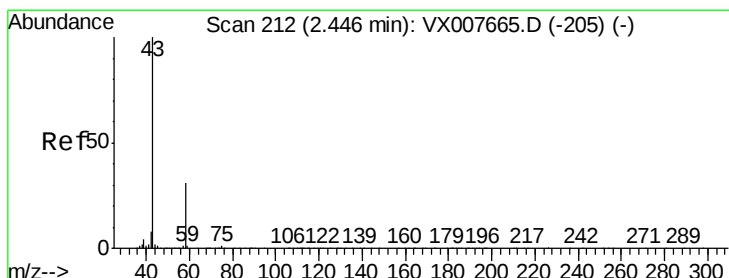
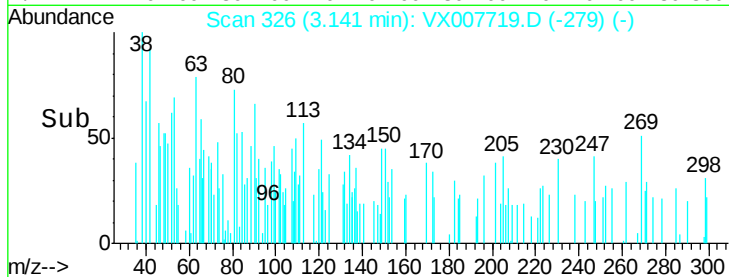
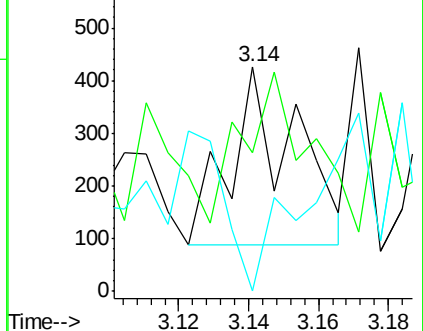
51 0.0 28.4 42.6#



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: 1.397 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007719.D

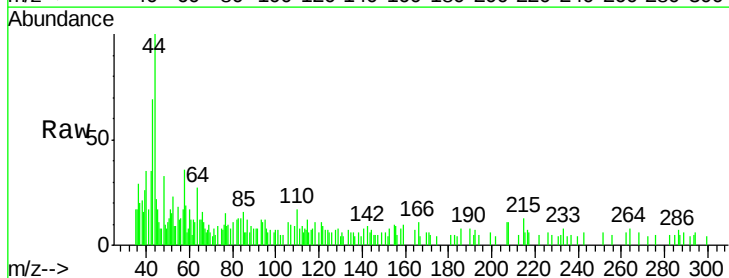
Acq: 26 Feb 2019 17:46

Tgt Ion: 43 Resp: 2507

Ion Ratio Lower Upper

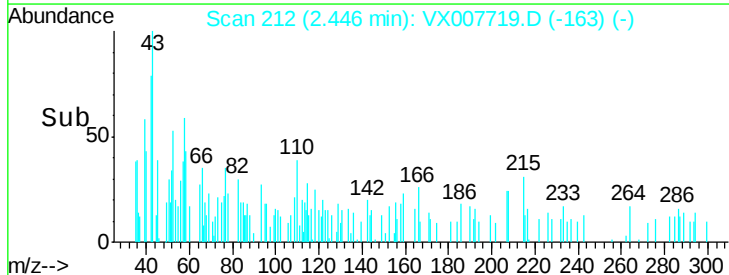
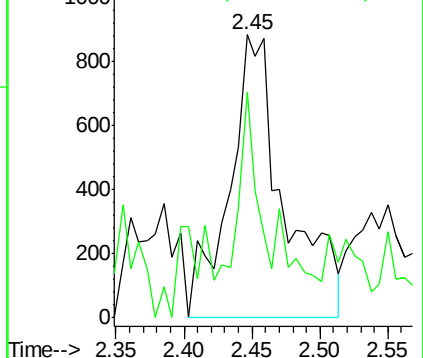
43 100

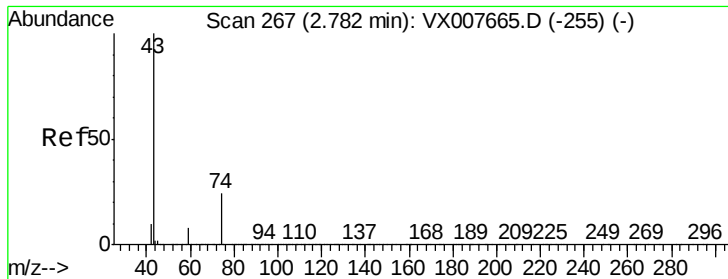
58 60.2 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 0.324 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

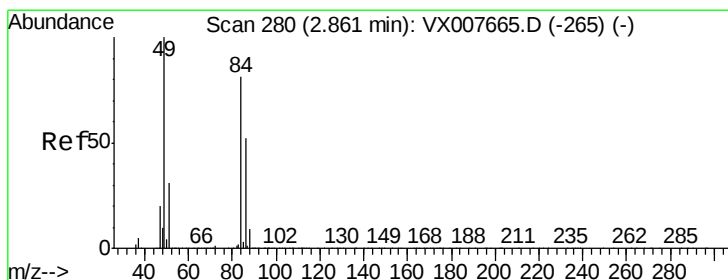
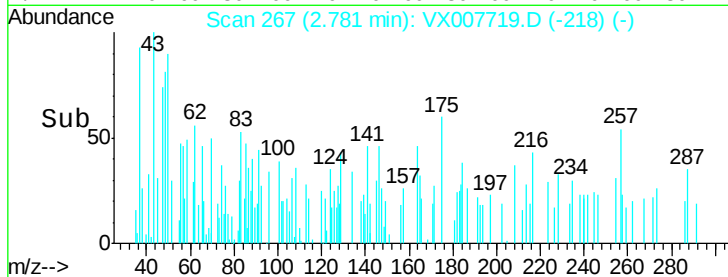
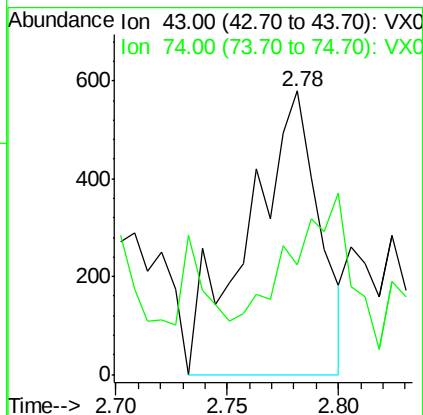
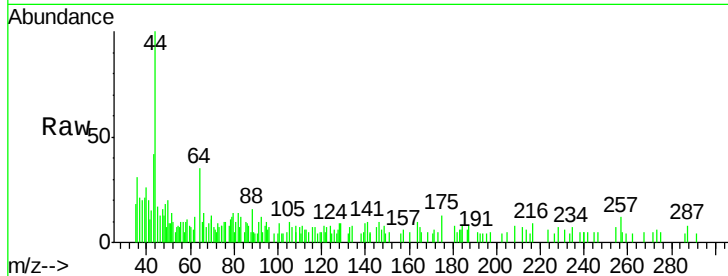
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 43 Resp: 1268

Ion Ratio Lower Upper

43 100

74 49.9 19.4 29.2#



#20

Methylene Chloride

Concen: 0.325 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Tgt Ion: 84 Resp: 1077

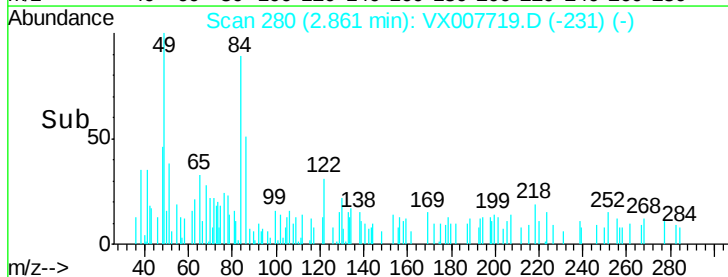
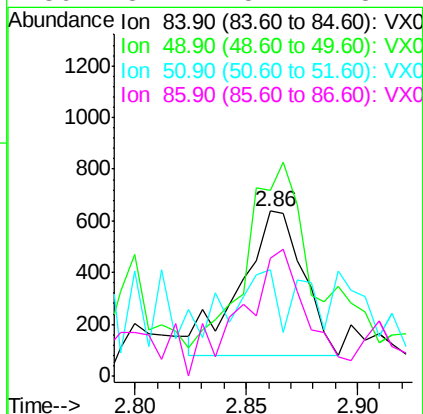
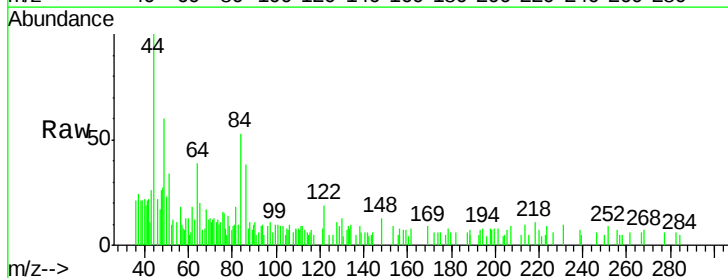
Ion Ratio Lower Upper

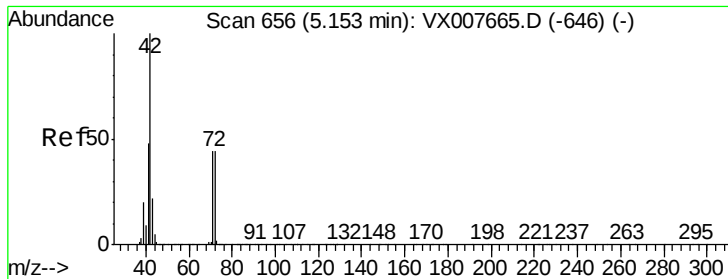
84 100

49 109.7 94.8 142.2

51 27.3 29.8 44.8#

86 81.7 54.1 81.1#





#29

Tetrahydrofuran

Concen: 0.226 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

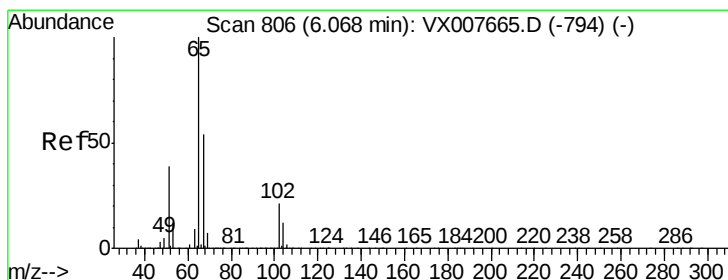
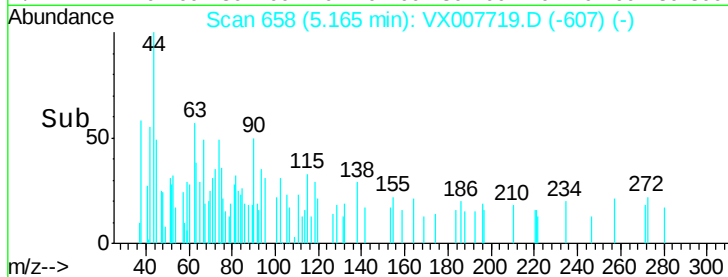
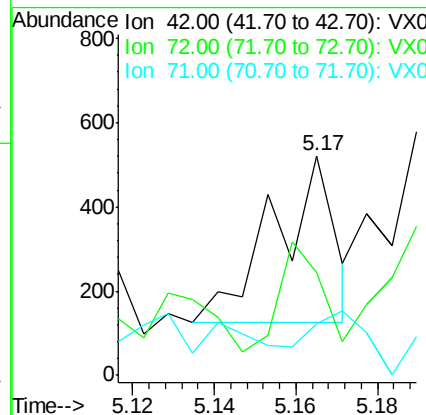
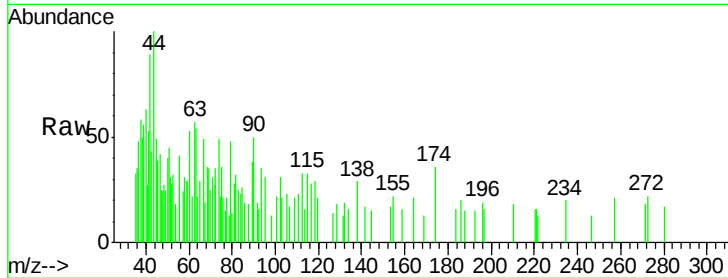
Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tot Ion:	42	Resp:	407
Ion	Ratio	Lower	Upper
42	100		
72	45.7	37.6	56.4
71	33.9	34.6	51.8#



#33

1,2-Dichloroethane-d4

Concen: 51.352 ug/l

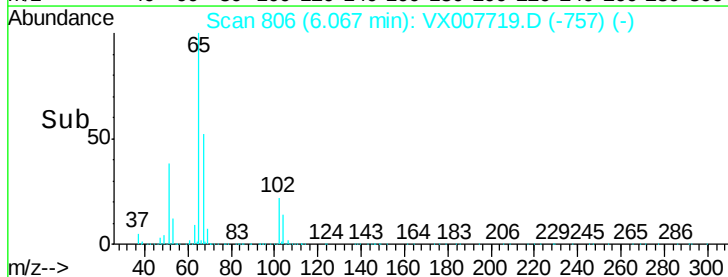
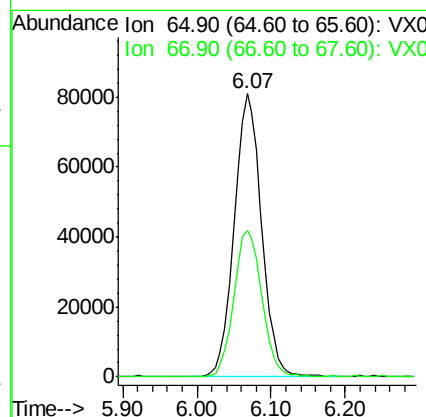
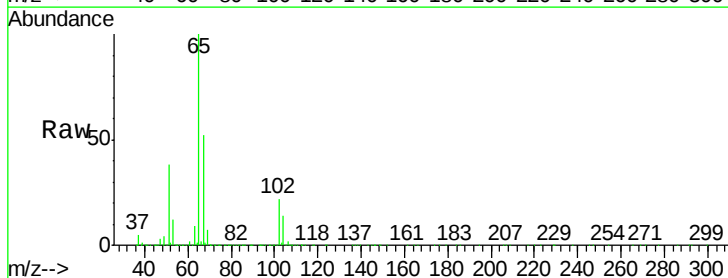
RT: 6.07 min Scan# 806

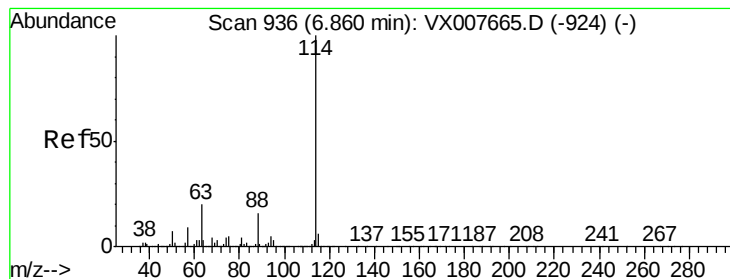
Delta R.T. -0.00 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Tgt Ion:	65	Resp:	207225
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

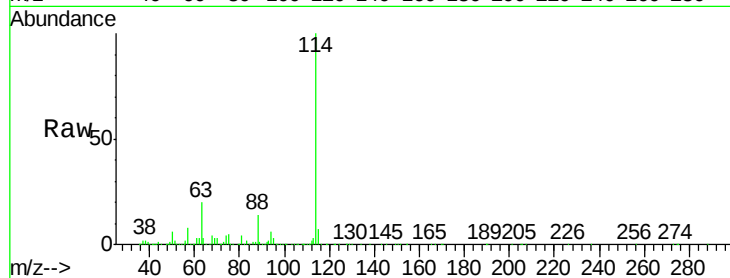
Tot Ion:114 Resp: 564291

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.6

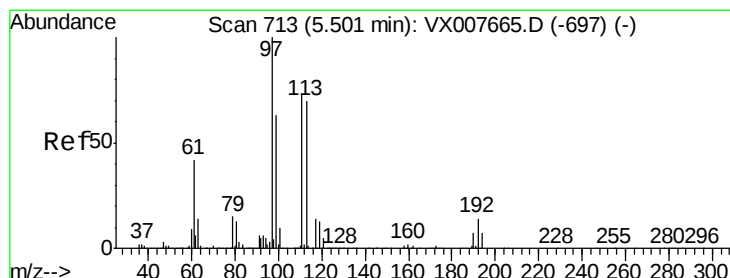
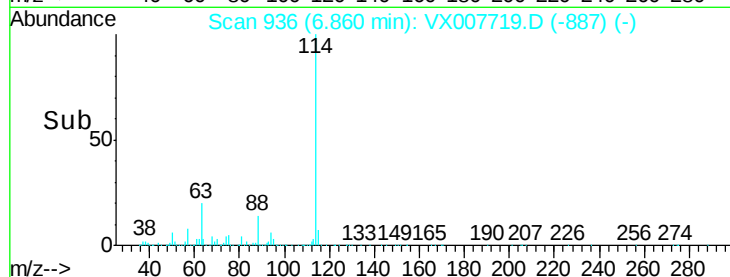
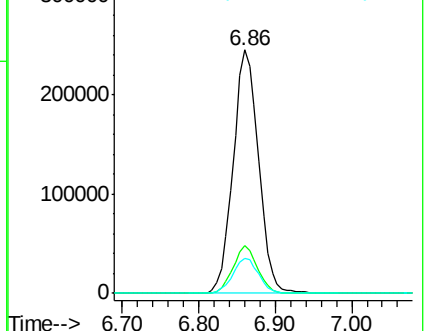
88 14.3 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.773 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

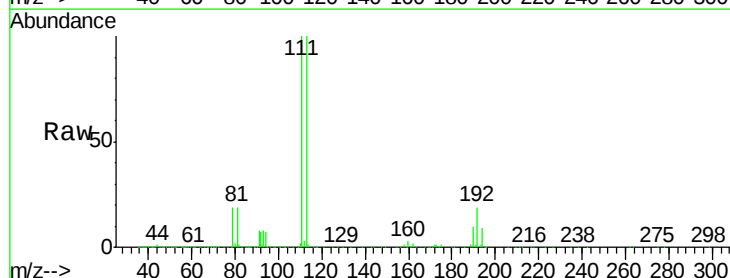
Tgt Ion:113 Resp: 191522

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

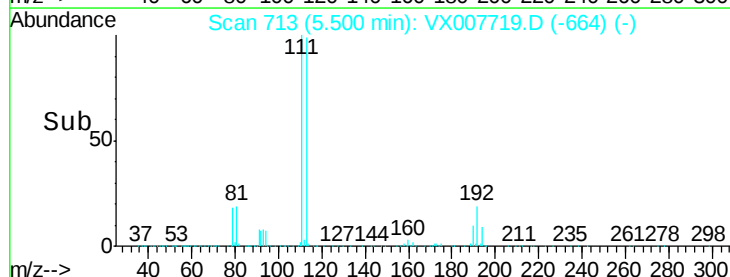
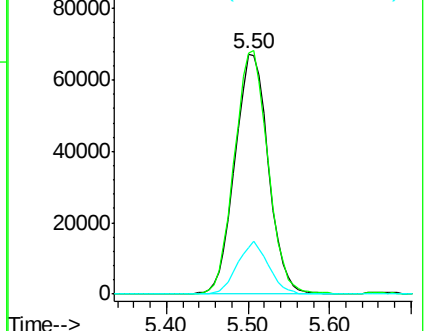
192 20.5 18.5 27.7

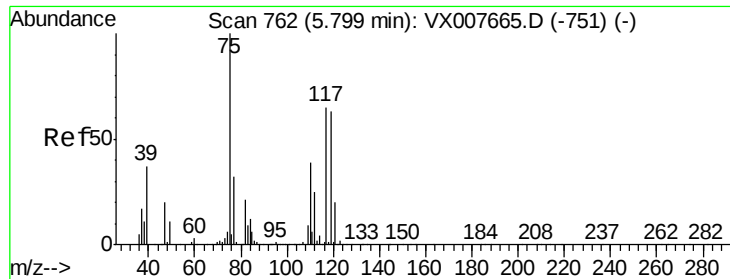


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.667 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

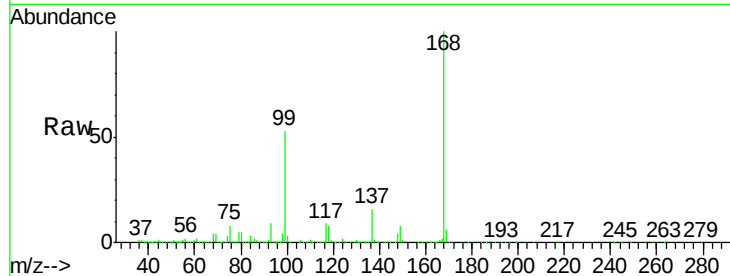
Tot Ion: 75 Resp: 23678

Ion Ratio Lower Upper

75 100

110 11.4 20.0 59.9#

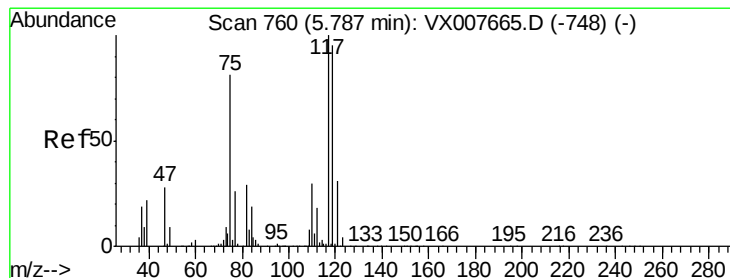
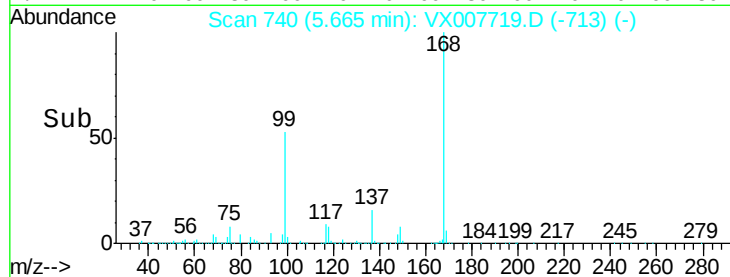
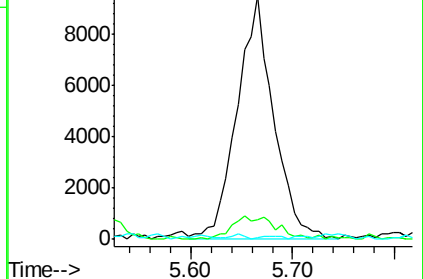
77 0.8 24.7 37.1#



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: 6.204 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

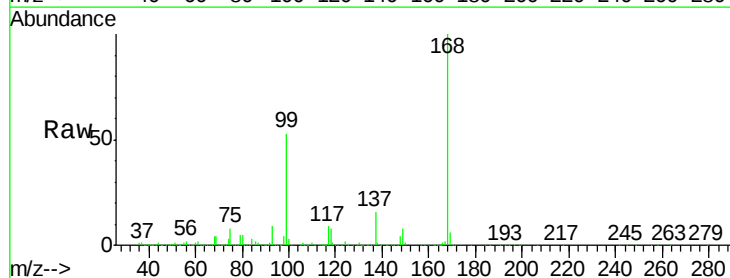
Tgt Ion: 117 Resp: 31615

Ion Ratio Lower Upper

117 100

119 6.7 75.3 112.9#

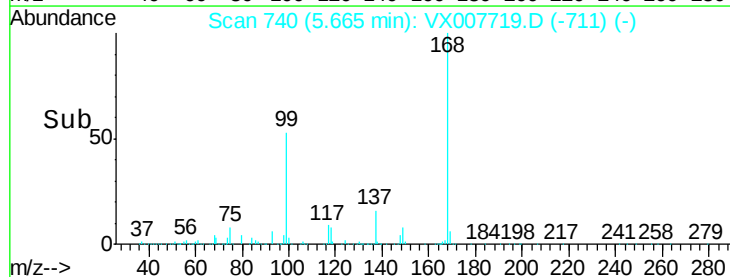
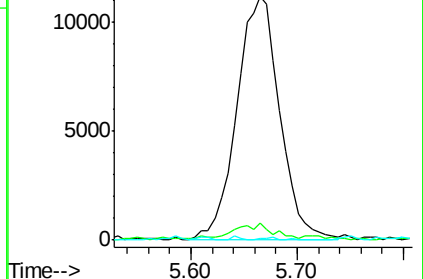
121 0.8 25.0 37.4#

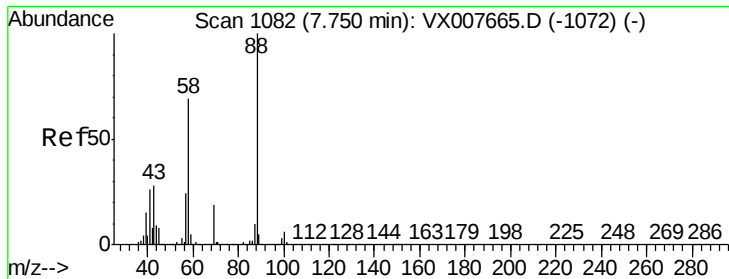


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 2.964 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

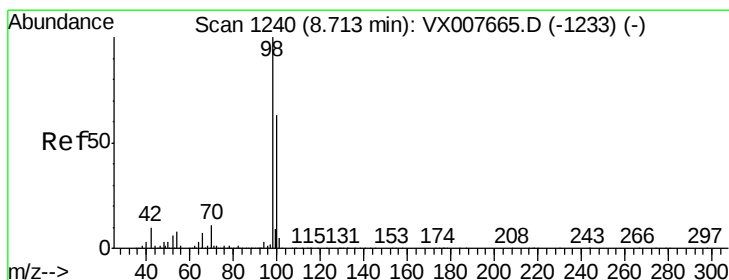
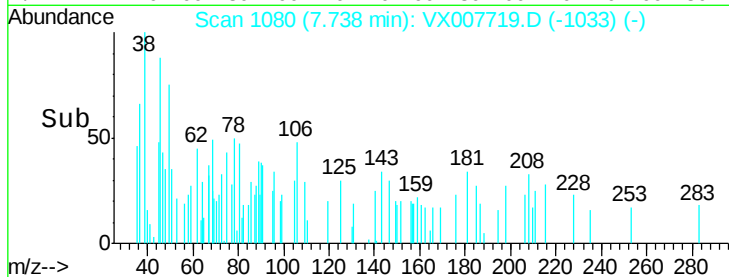
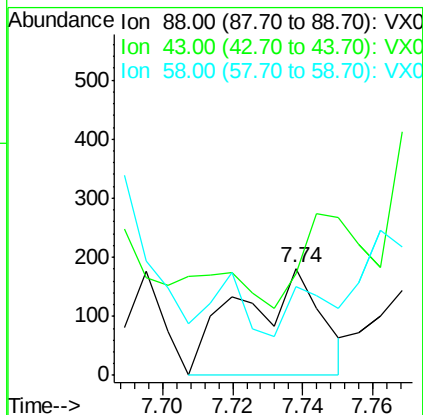
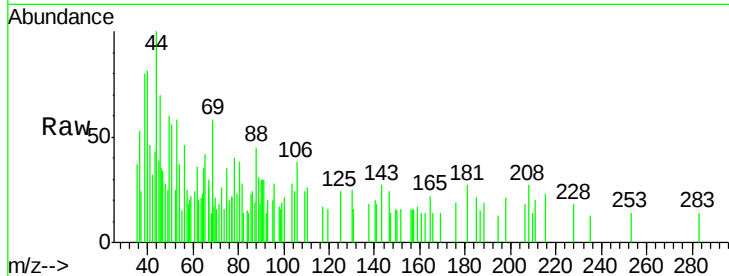
Tot Ion: 88 Resp: 291

Ion Ratio Lower Upper

88 100

43 140.5 24.2 36.4#

58 0.0 53.0 79.4#



#50

Toluene-d8

Concen: 47.834 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007719.D

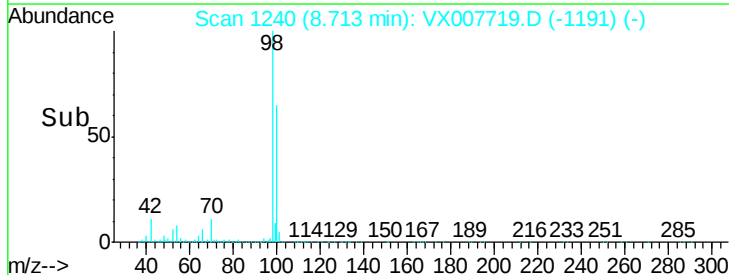
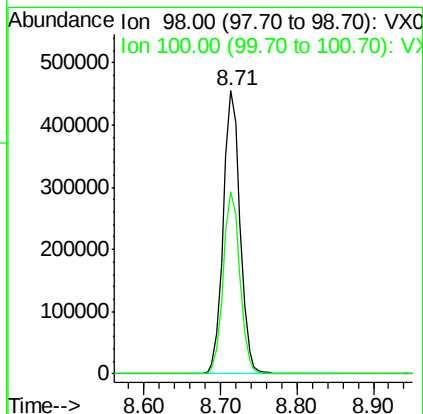
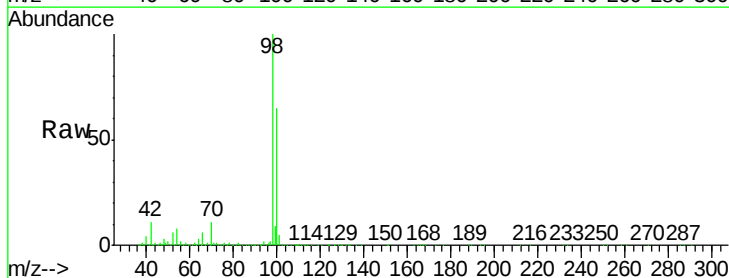
Acq: 26 Feb 2019 17:46

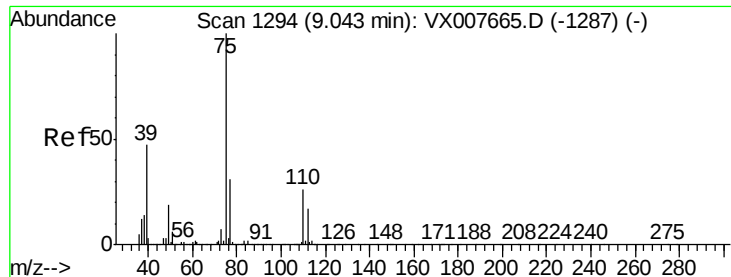
Tgt Ion: 98 Resp: 690777

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4

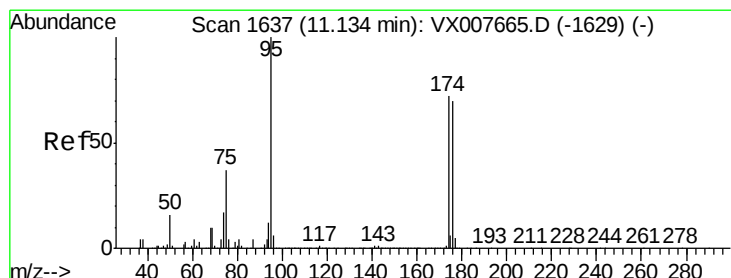
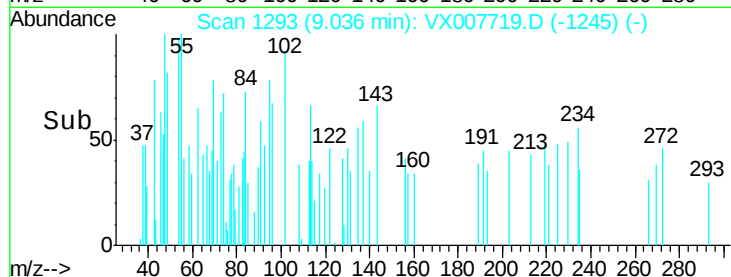
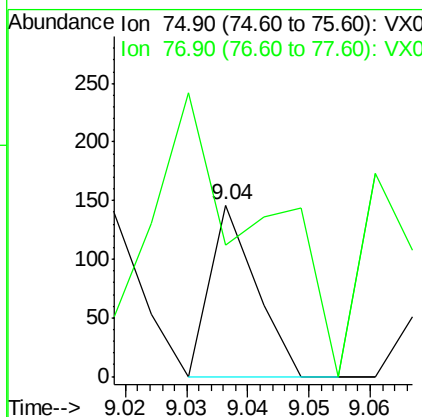
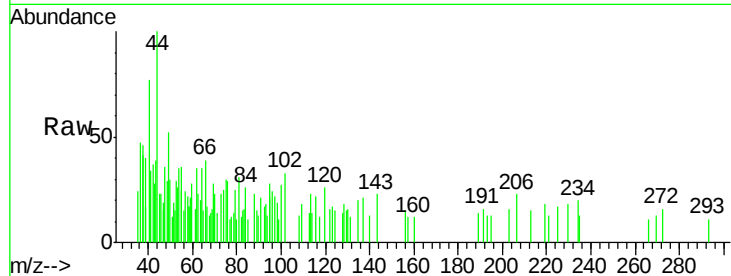




#53
t-1,3-Dichloropropene
Concen: 2.814 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX007719.D
Acq: 26 Feb 2019 17:46

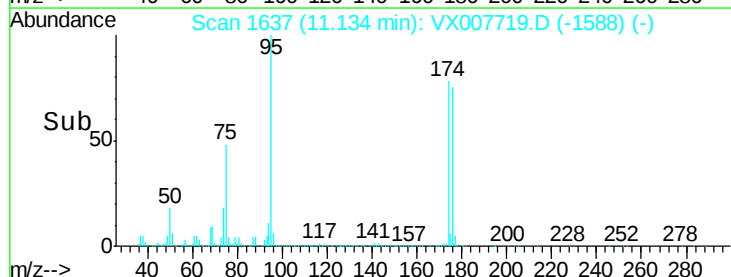
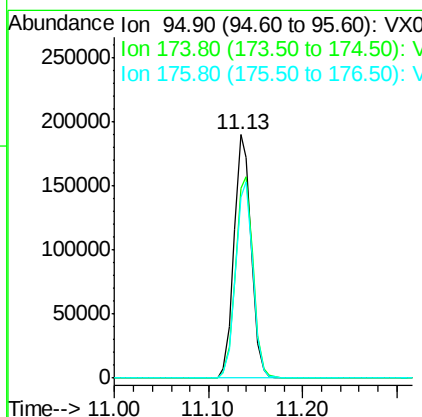
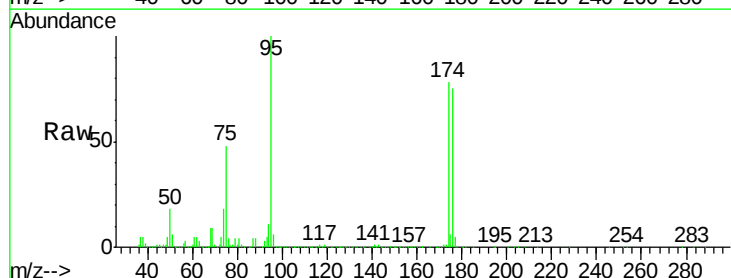
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

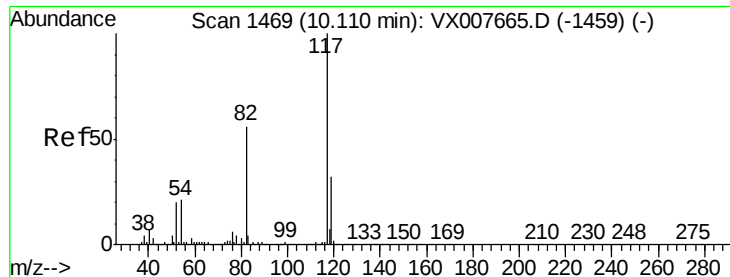
Tot Ion: 75 Resp: 76
Ion Ratio Lower Upper
75 100
77 76.7 25.2 37.8#



#62
4-Bromofluorobenzene
Concen: 45.051 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007719.D
Acq: 26 Feb 2019 17:46

Tgt Ion: 95 Resp: 238790
Ion Ratio Lower Upper
95 100
174 84.6 0.0 189.2
176 81.4 0.0 186.2

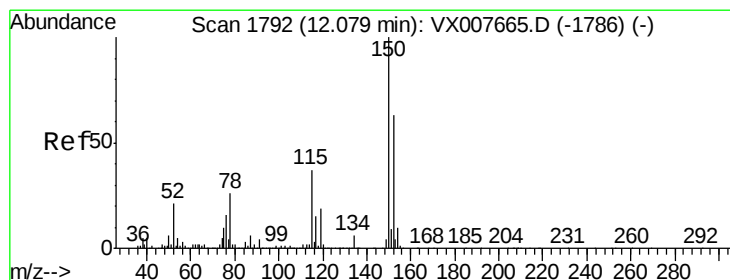
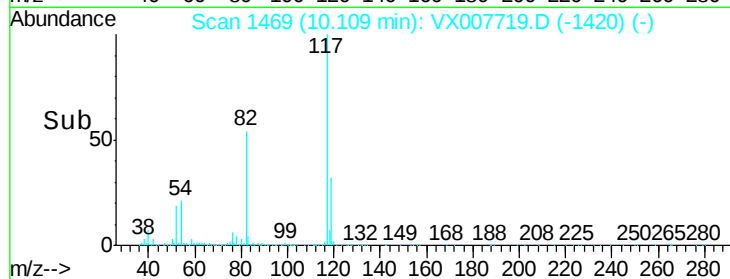
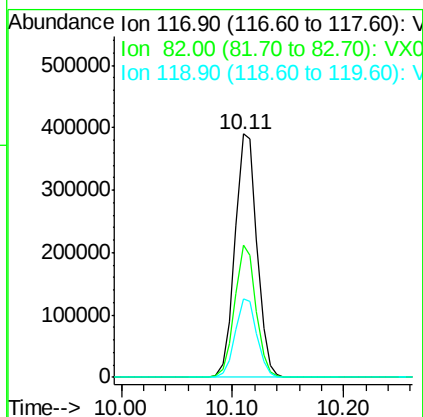
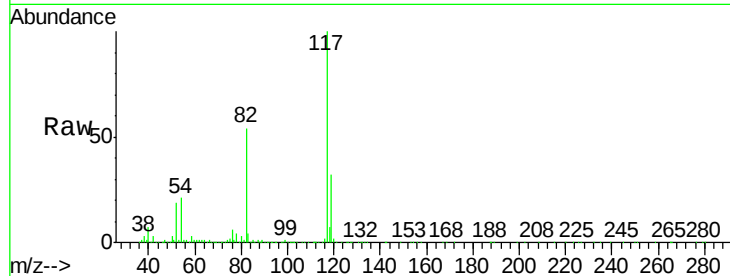




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007719.D
Acq: 26 Feb 2019 17:46

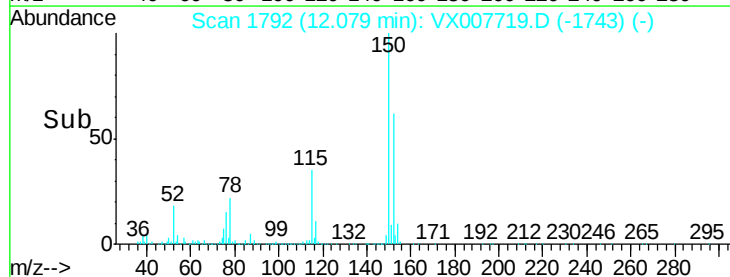
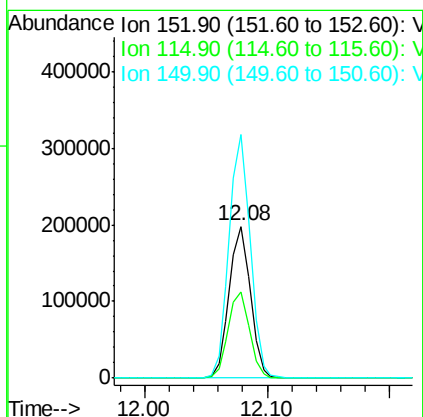
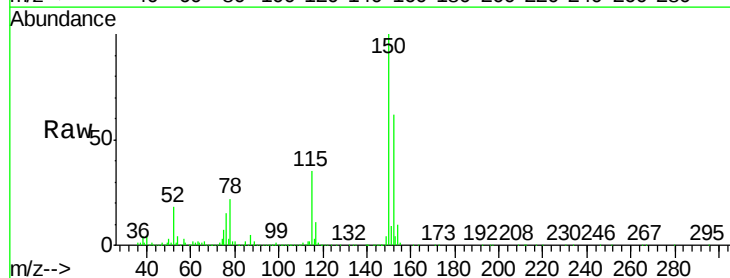
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

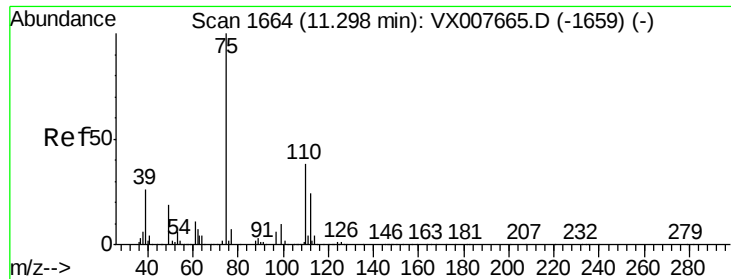
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.1	63.1
119	32.2	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007719.D
Acq: 26 Feb 2019 17:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	38.0	114.0
150	159.1	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 22.805 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

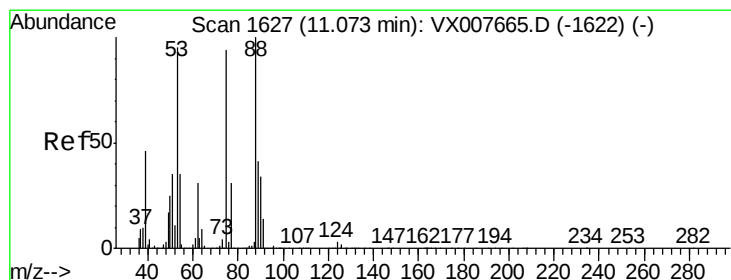
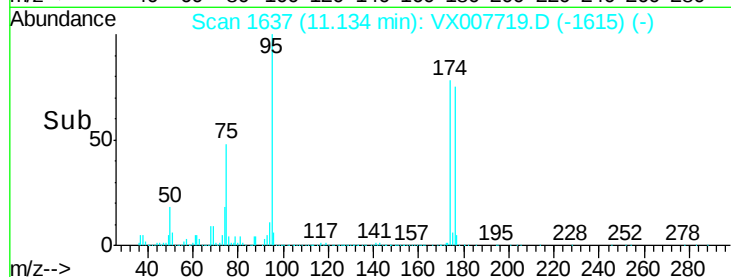
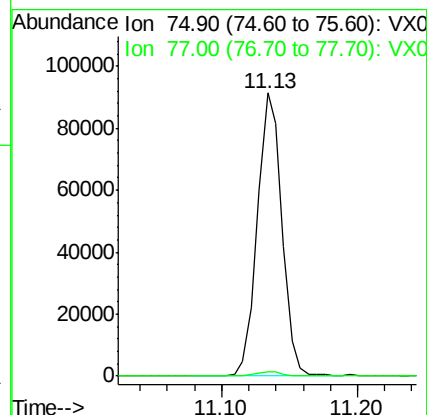
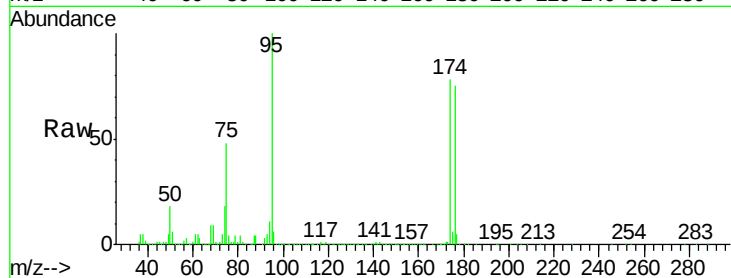
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 116095

Ion Ratio Lower Upper

75 100

77 1.7 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.442 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007719.D

Acq: 26 Feb 2019 17:46

Tgt Ion: 75 Resp: 116095

Ion Ratio Lower Upper

75 100

53 0.0 81.0 121.6#

89 0.2 41.4 62.0#

