

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010392.D
 Acq On : 21 Jun 2019 18:08
 Operator : JC/SP
 Sample : K3477-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jun 21 23:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	404169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189585	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	137034	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	5.50	113	137065	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
50) Toluene-d8	8.71	98	531696	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	178883	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	

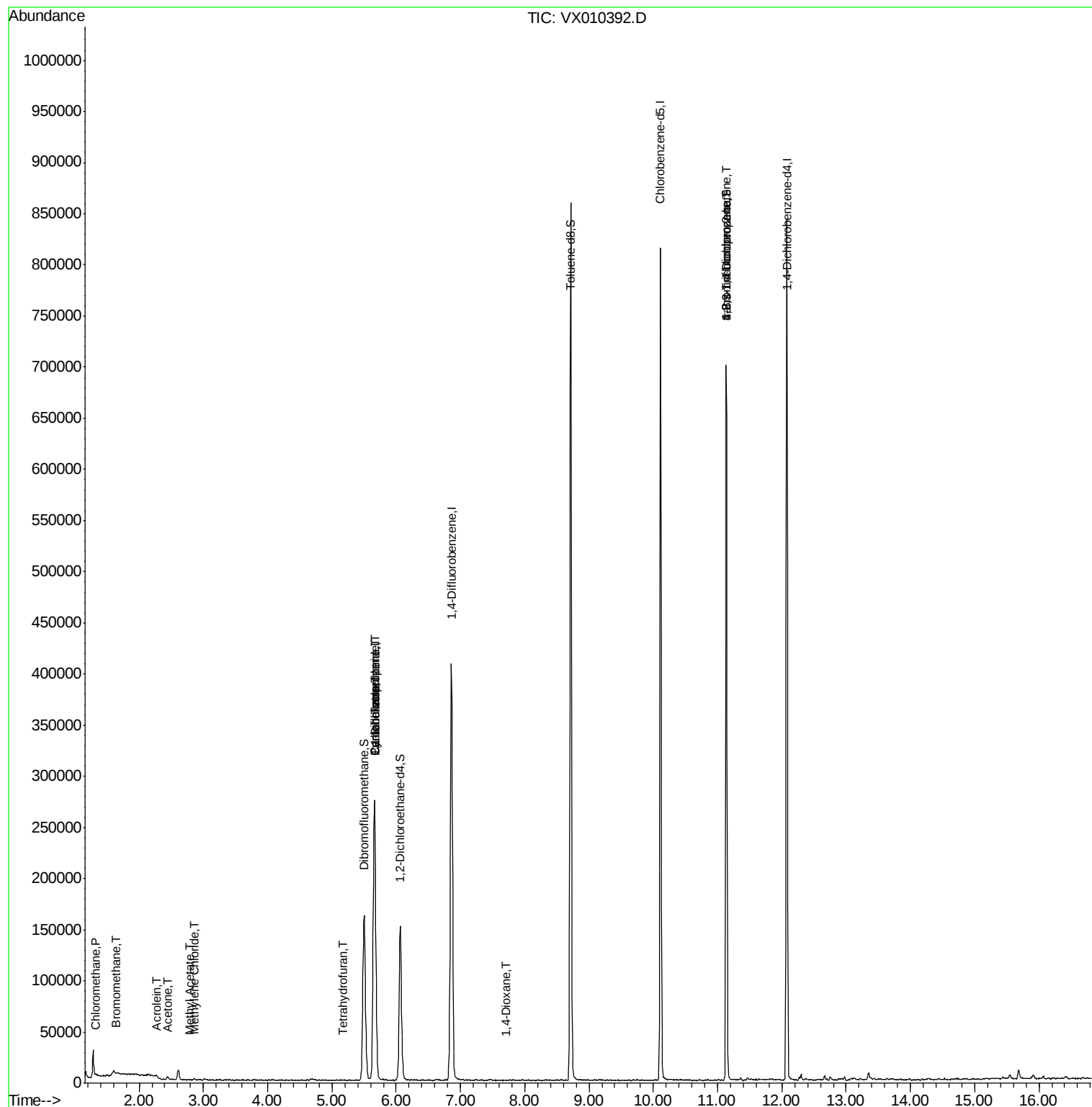
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	953	0.401	ug/l #	72
5) Bromomethane	1.64	94	650	0.512	ug/l #	78
13) Acrolein	2.27	56	140	0.293	ug/l	86
16) Acetone	2.45	43	3585	2.598	ug/l	96
18) Methyl Acetate	2.79	43	755	0.274	ug/l #	76
20) Methylene Chloride	2.86	84	570	0.201	ug/l	95
29) Tetrahydrofuran	5.17	42	382	0.305	ug/l #	50
31) Cyclohexane	5.67	56	5062	1.273	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	18086	5.055	ug/l #	48
38) Carbon Tetrachloride	5.66	117	26346	6.800	ug/l #	15
49) 1,4-Dioxane	7.71	88	48	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	83991	24.312	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	83991	56.717	ug/l #	16

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

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010392.D

Acq: 21 Jun 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

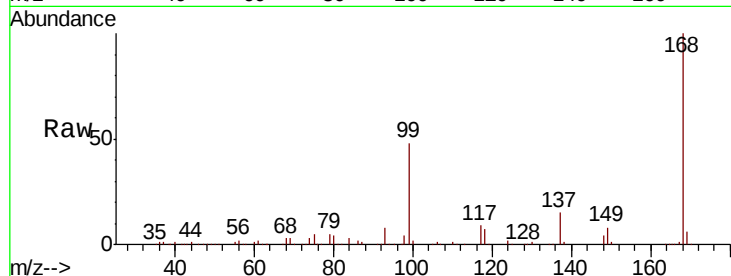
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 293695

Ion Ratio Lower Upper

168 100

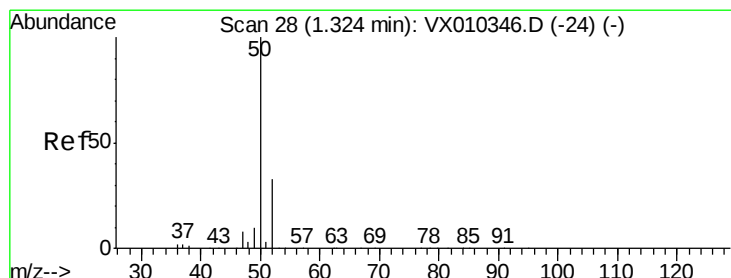
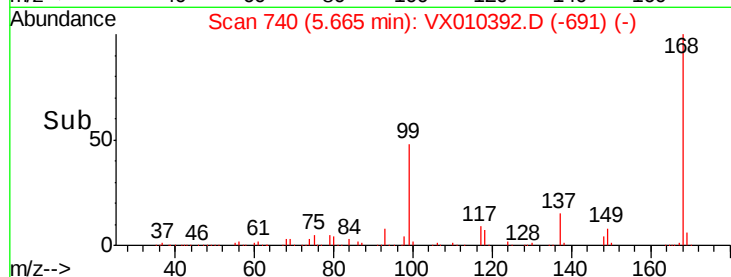
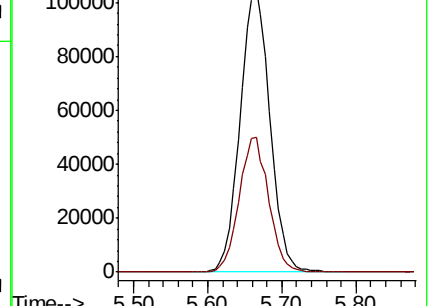
99 47.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#3

Chloromethane

Concen: 0.401 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010392.D

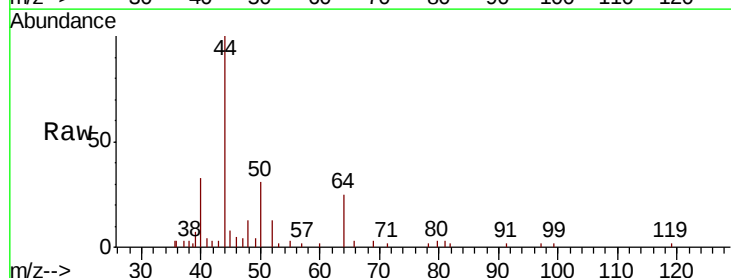
Acq: 21 Jun 2019 18:08

Tgt Ion: 50 Resp: 953

Ion Ratio Lower Upper

50 100

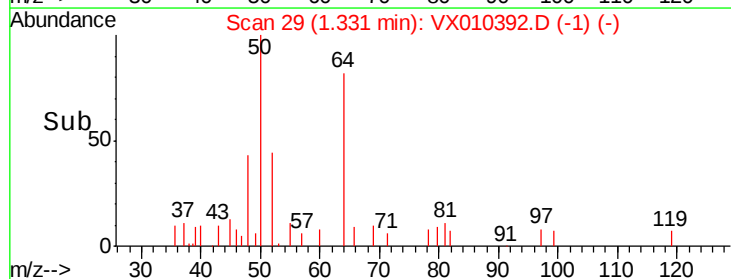
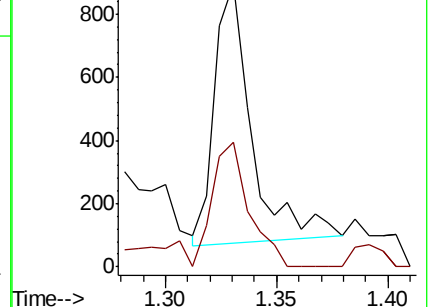
52 49.2 26.5 39.7#

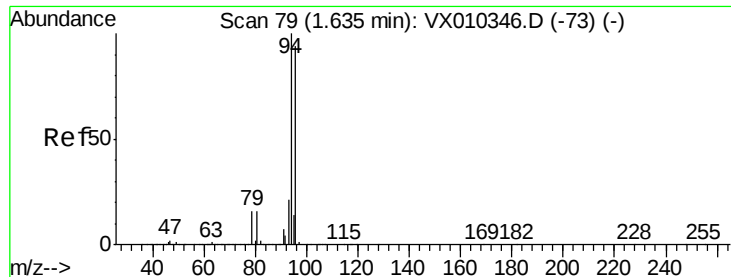


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33





#5

Bromomethane

Concen: 0.512 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010392.D

Acq: 21 Jun 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

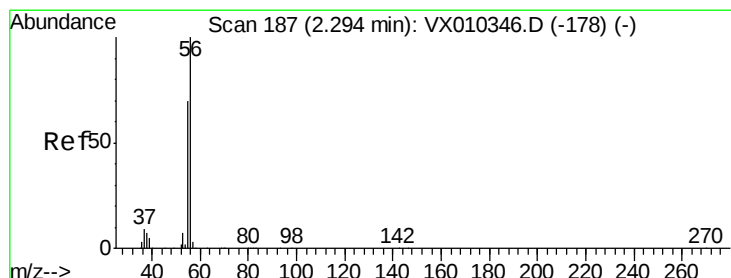
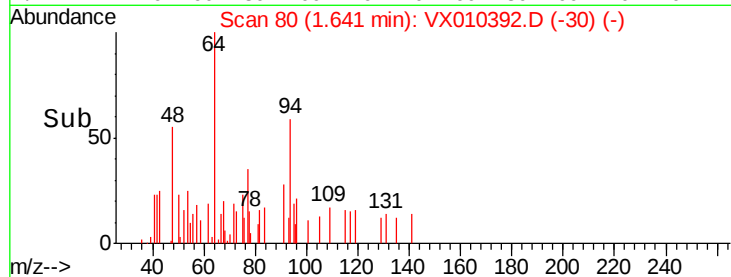
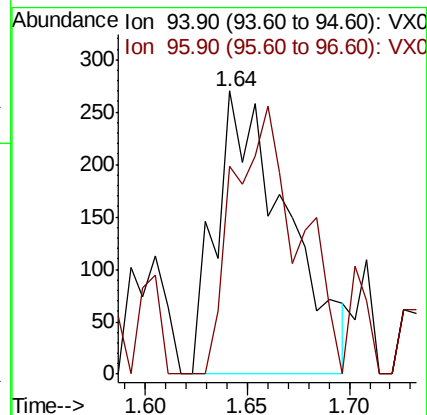
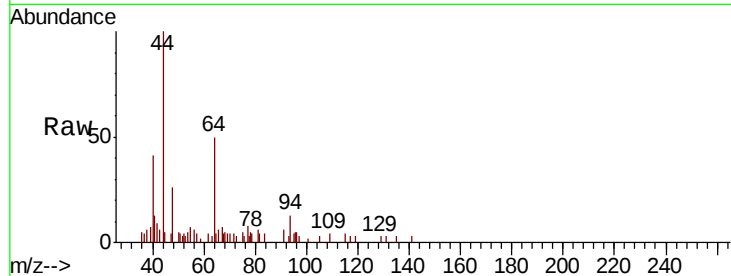
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 94 Resp: 650

Ion Ratio Lower Upper

94 100

96 73.3 75.5 113.3#



#13

Acrolein

Concen: 0.293 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX010392.D

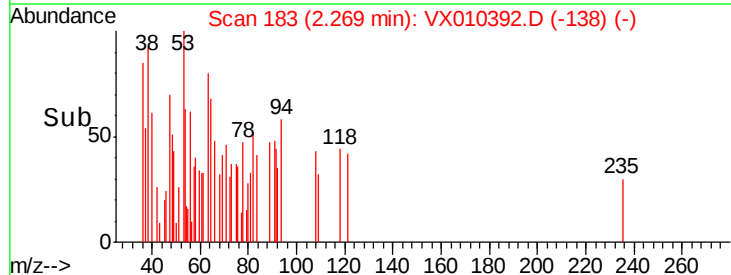
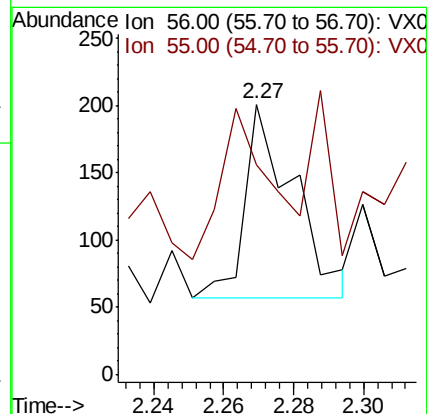
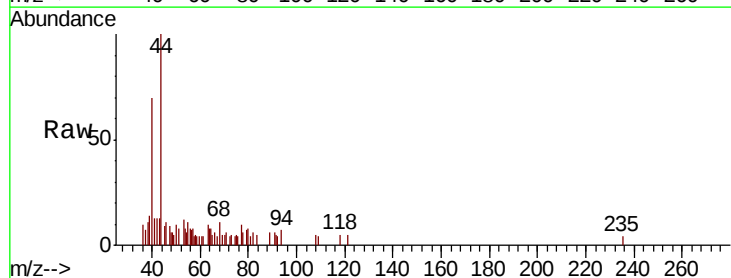
Acq: 21 Jun 2019 18:08

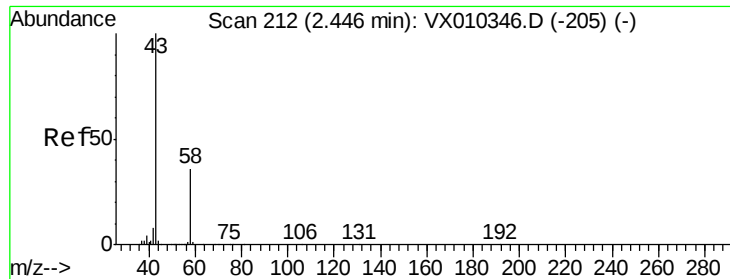
Tgt Ion: 56 Resp: 140

Ion Ratio Lower Upper

56 100

55 82.9 56.9 85.3

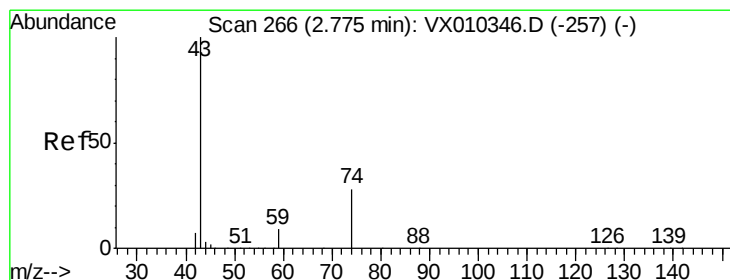
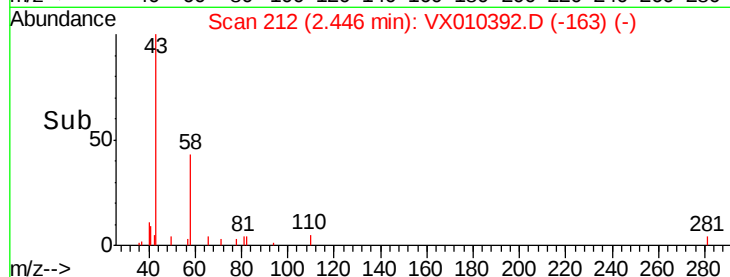
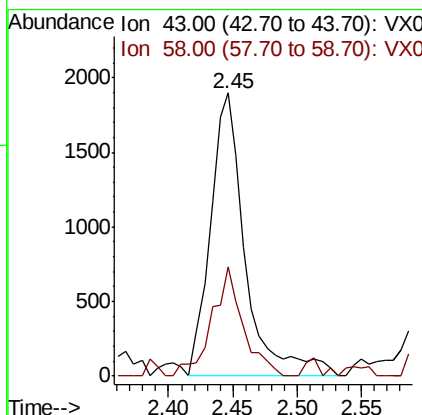
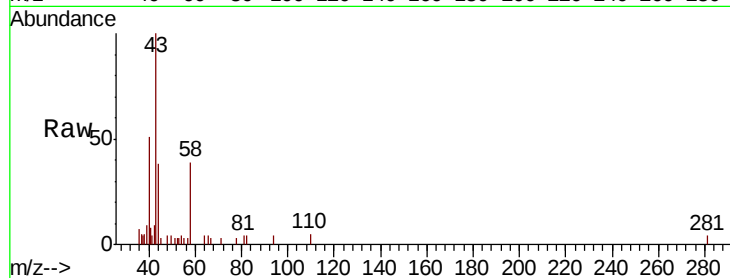




#16
Acetone
Concen: 2.598 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010392.D
Acq: 21 Jun 2019 18:08

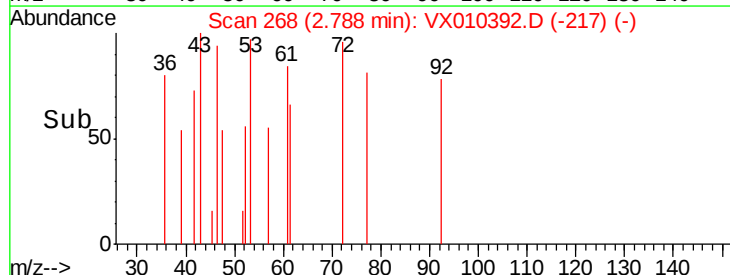
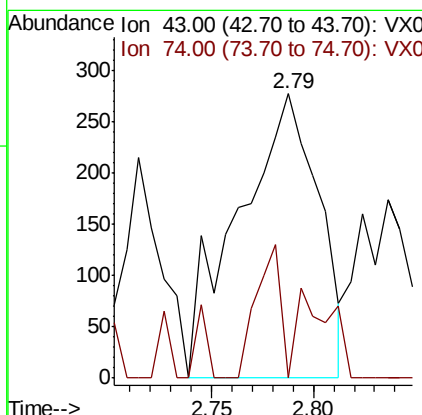
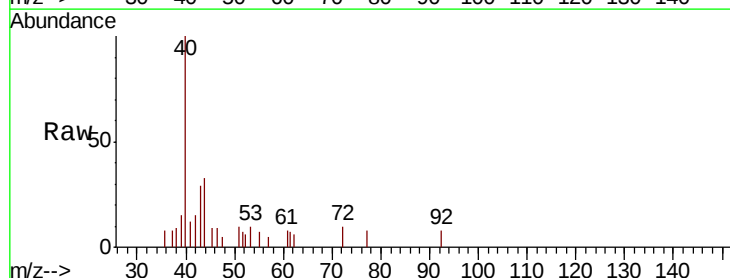
Instrument :
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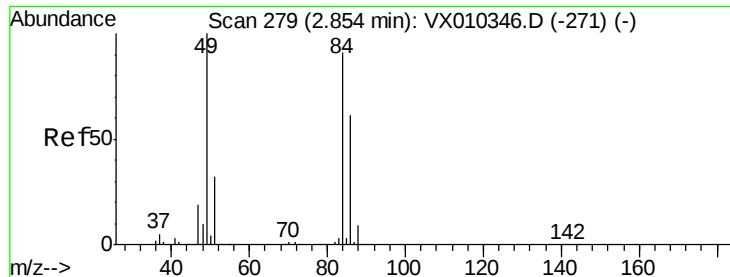
Tot Ion: 43 Resp: 3585
Ion Ratio Lower Upper
43 100
58 38.7 28.9 43.3



#18
Methyl Acetate
Concen: 0.274 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX010392.D
Acq: 21 Jun 2019 18:08

Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
74 14.3 21.3 31.9#

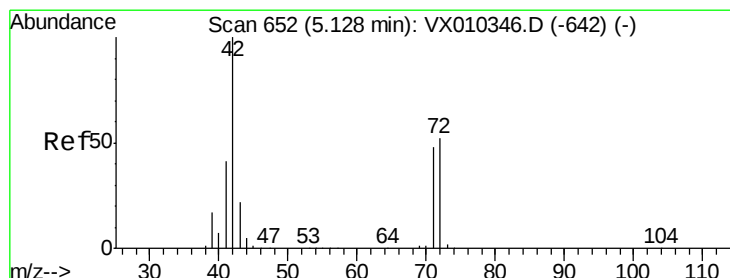
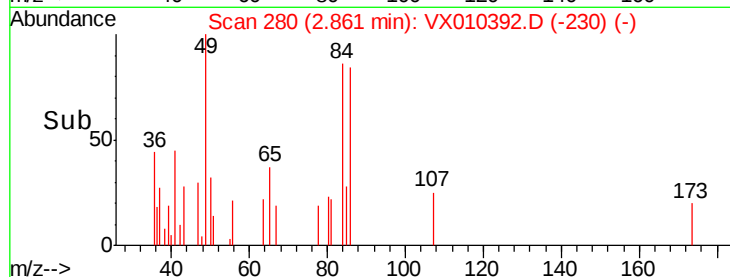
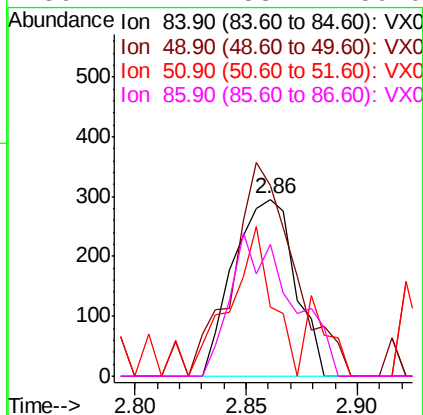
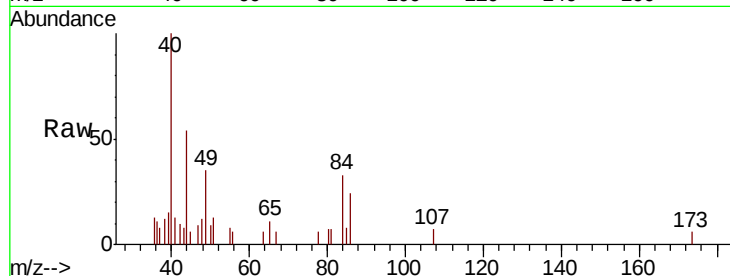




#20
Methvlene Chloride
Concen: 0.201 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010392.D
Acq: 21 Jun 2019 18:08

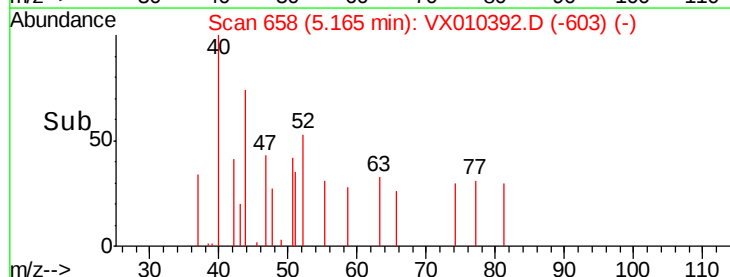
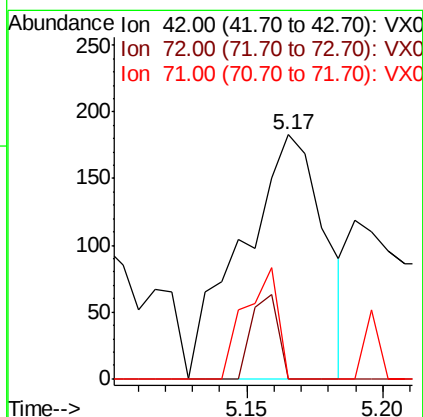
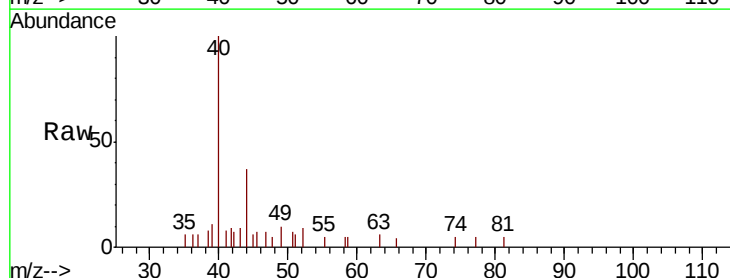
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

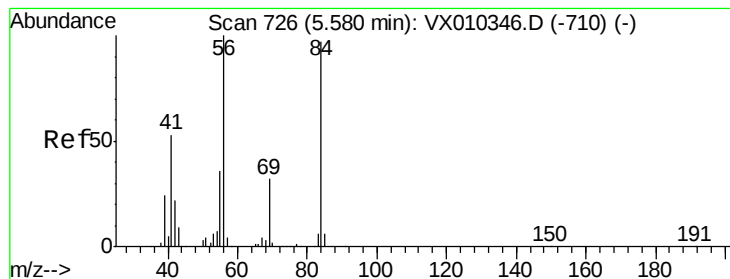
Tot Ion:	84	Resp:	570
Ion	Ratio	Lower	Upper
84	100		
49	107.8	87.5	131.3
51	38.9	27.7	41.5
86	74.7	53.4	80.0



#29
Tetrahydrofuran
Concen: 0.305 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.04 min
Lab File: VX010392.D
Acq: 21 Jun 2019 18:08

Tgt Ion:	42	Resp:	382
Ion	Ratio	Lower	Upper
42	100		
72	11.3	40.6	60.8#
71	18.3	37.8	56.8#





#31

Cyclohexane

Concen: 1.273 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX010392.D

Acq: 21 Jun 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

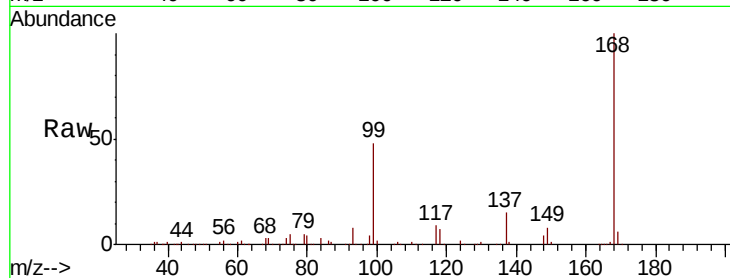
Tot Ion: 56 Resp: 5062

Ion Ratio Lower Upper

56 100

69 183.7 25.9 38.9#

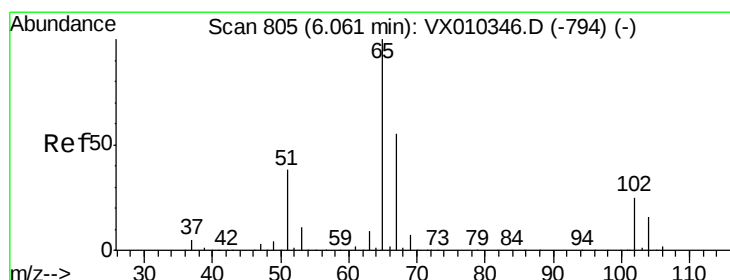
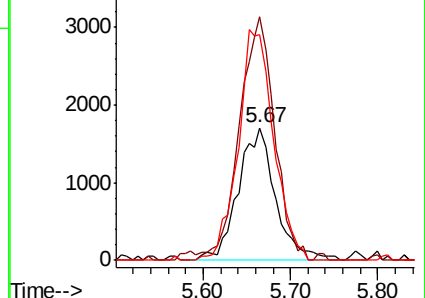
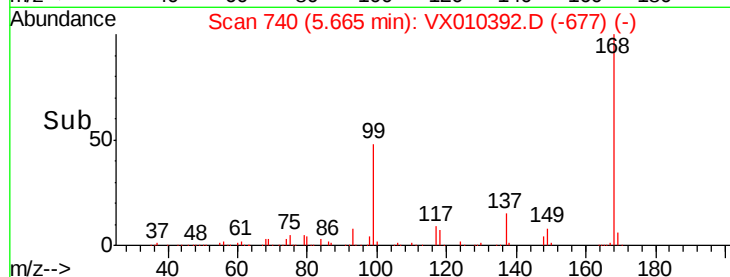
84 169.8 78.0 117.0#



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



#33

1,2-Dichloroethane-d4

Concen: 49.764 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010392.D

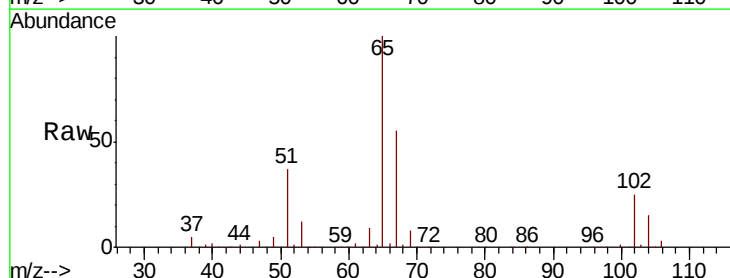
Acq: 21 Jun 2019 18:08

Tgt Ion: 65 Resp: 137034

Ion Ratio Lower Upper

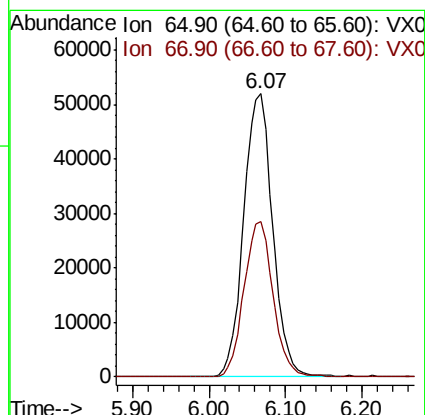
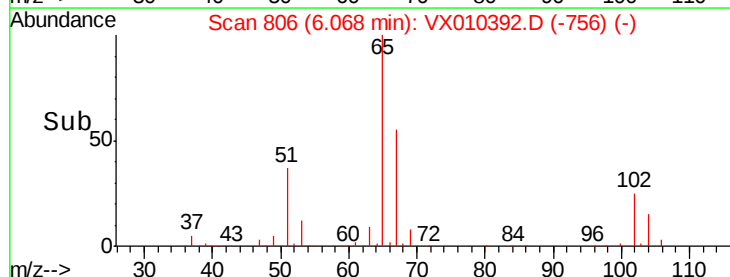
65 100

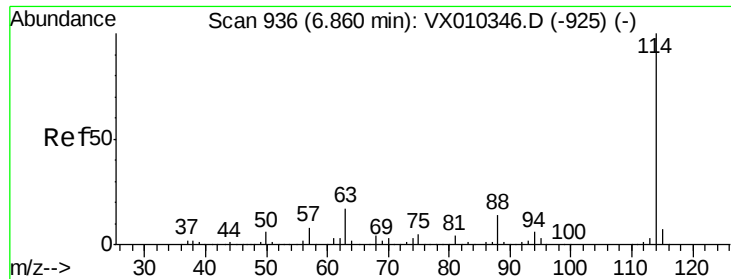
67 55.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

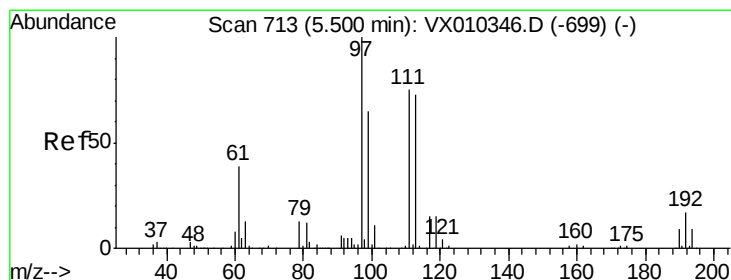
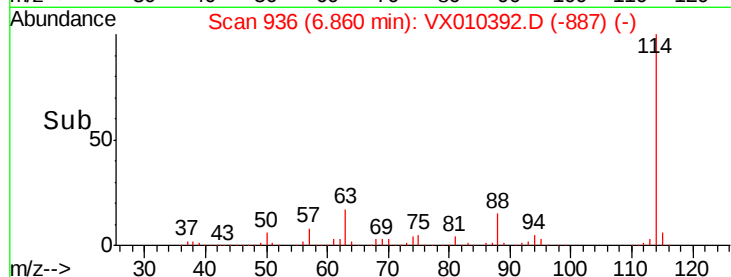
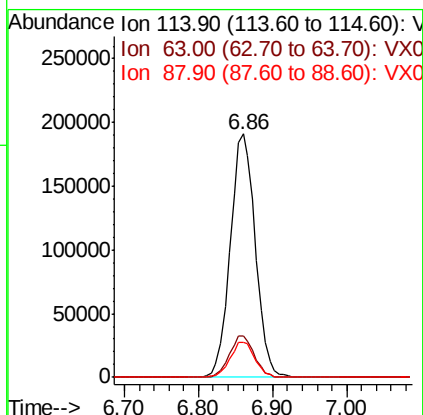
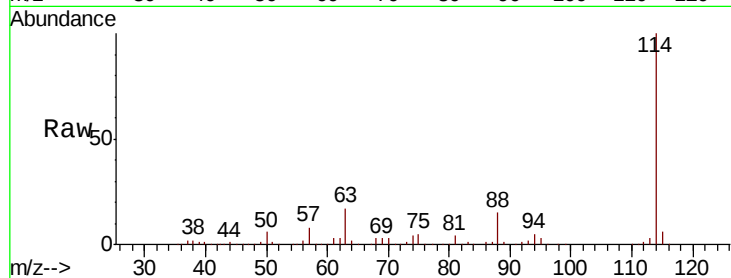




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010392.D
 Acq: 21 Jun 2019 18:08

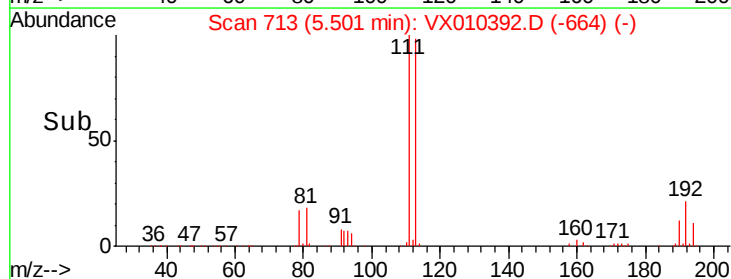
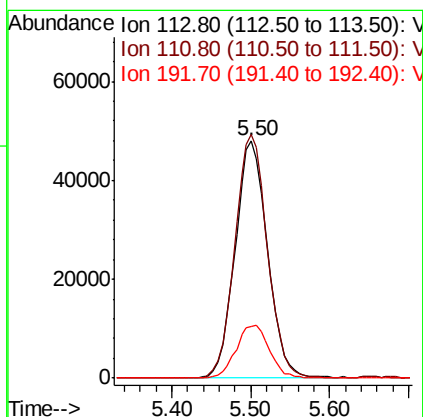
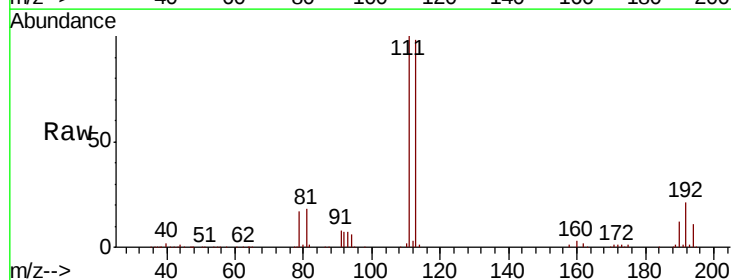
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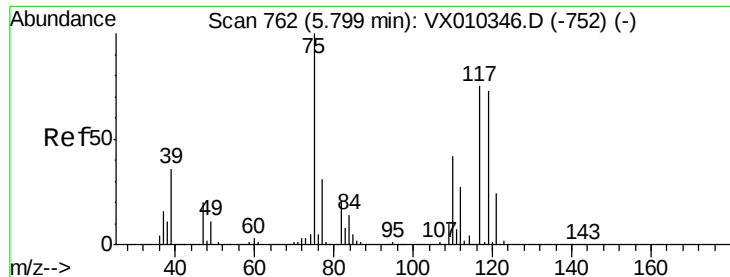
Tot Ion:114 Resp: 450274
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.8
 88 14.6 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 49.752 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010392.D
 Acq: 21 Jun 2019 18:08

Tgt Ion:113 Resp: 137065
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.2 121.8
 192 22.9 18.6 27.8

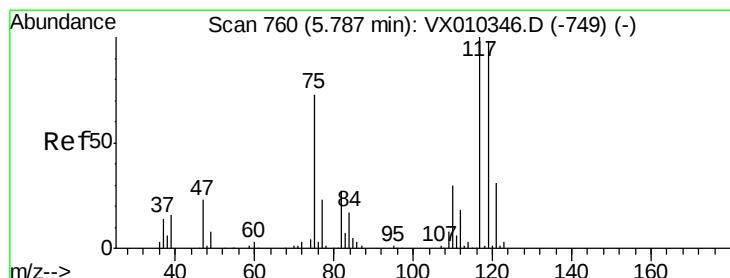
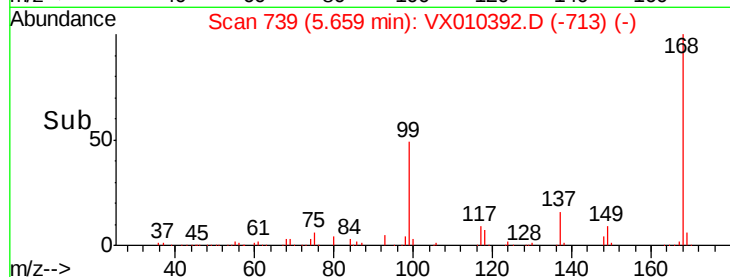
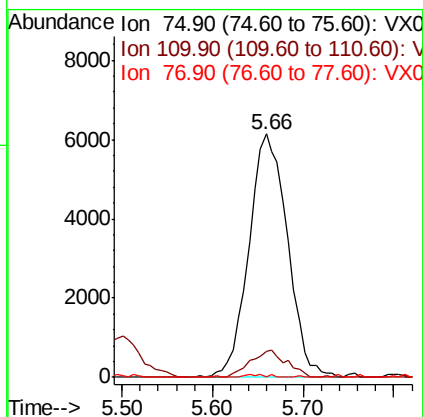
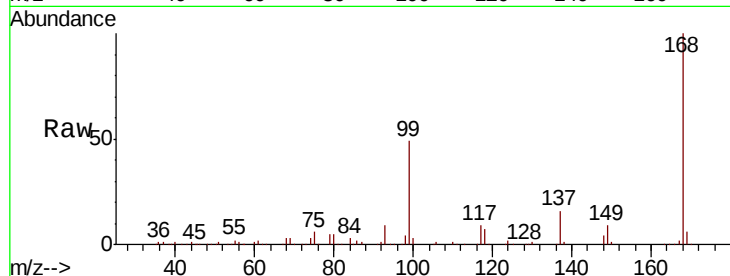




#36
 1,1-Dichloropropene
 Concen: 5.055 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010392.D
 Acq: 21 Jun 2019 18:08

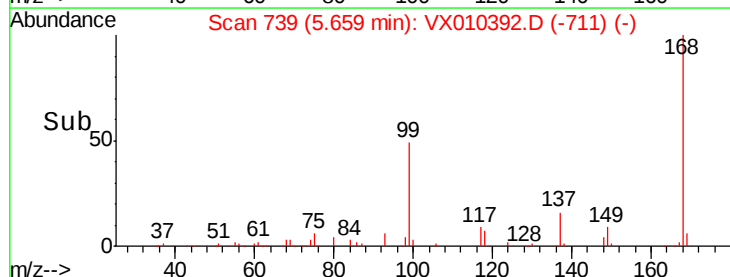
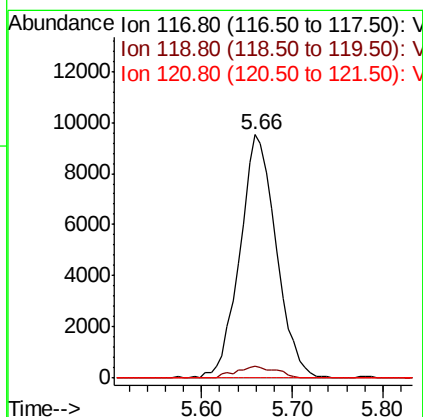
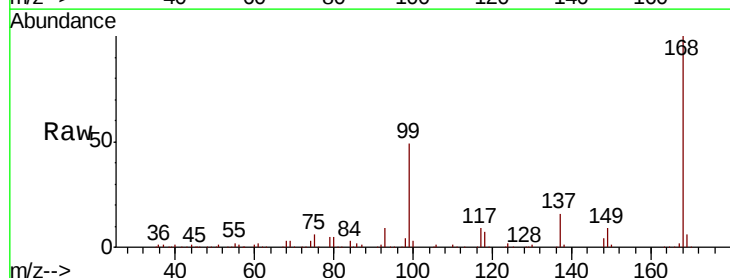
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 MSVOA_X
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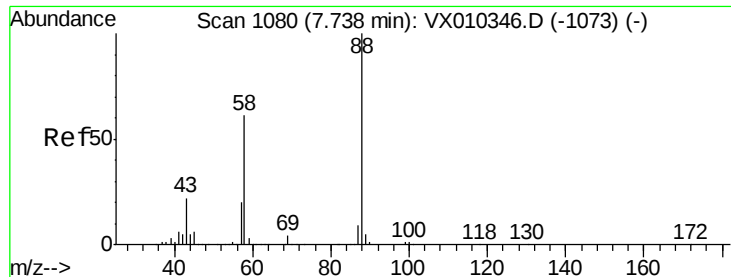
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.8	62.2#
77	0.6	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.800 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010392.D
 Acq: 21 Jun 2019 18:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.2	117.4#
121	0.0	24.7	37.1#

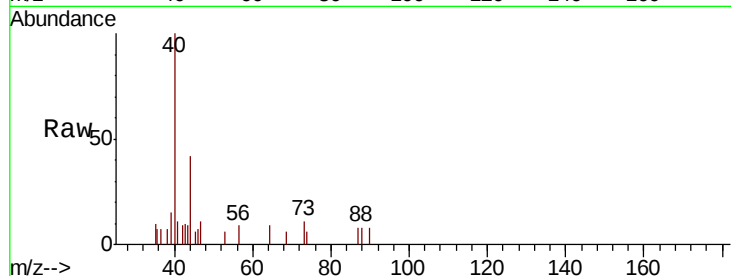




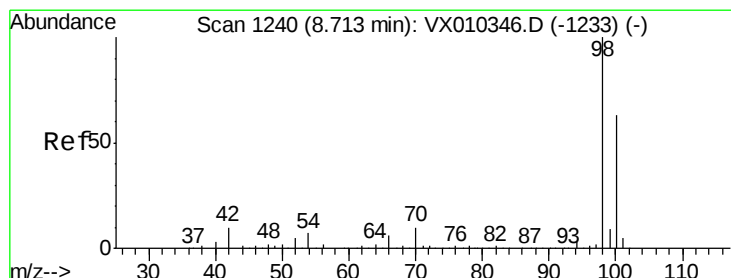
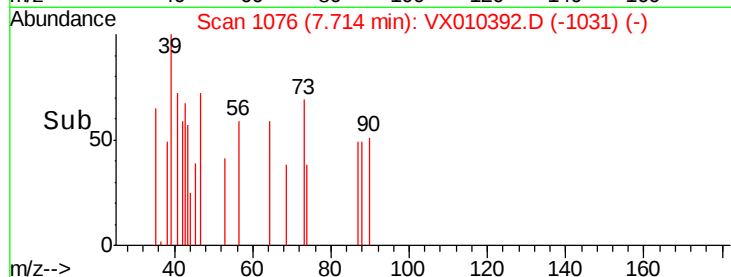
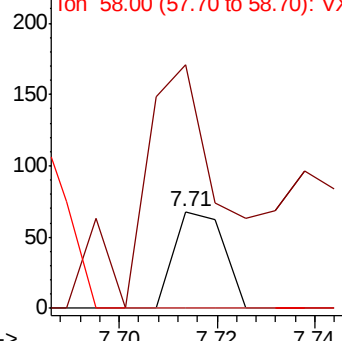
#49
1,4-Dioxane
Concen: 0.589 ug/l
RT: 7.71 min Scan# 1076
Delta R.T. -0.02 min
Lab File: VX010392.D
Acq: 21 Jun 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 395.8 20.2 30.2#
58 0.0 49.5 74.3#

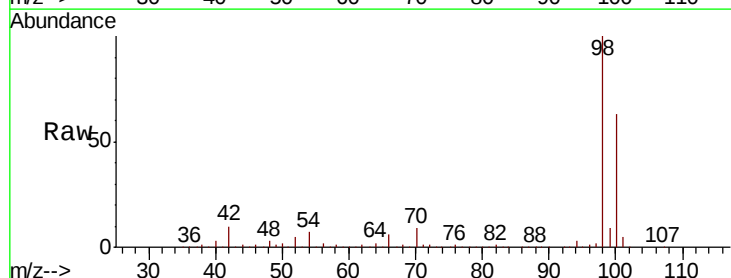


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

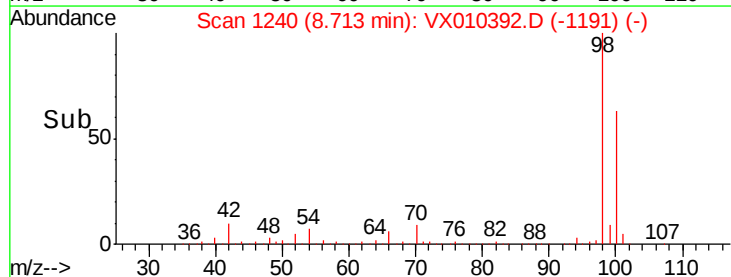
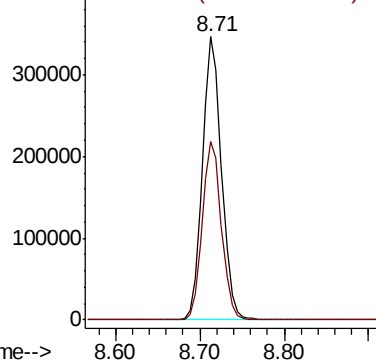


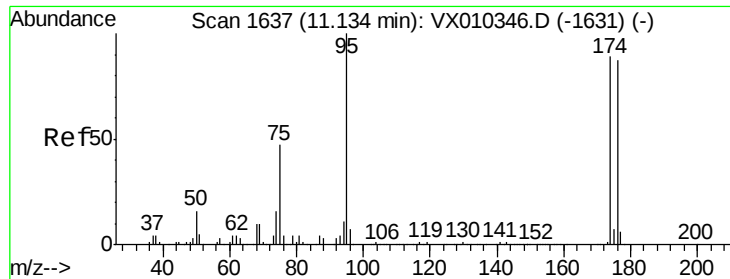
#50
Toluene-d8
Concen: 50.446 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010392.D
Acq: 21 Jun 2019 18:08

Tgt Ion: 98 Resp: 531696
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

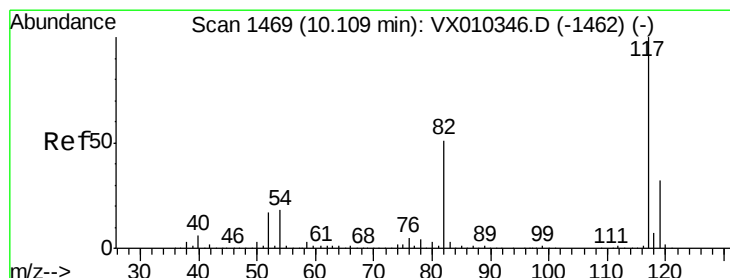
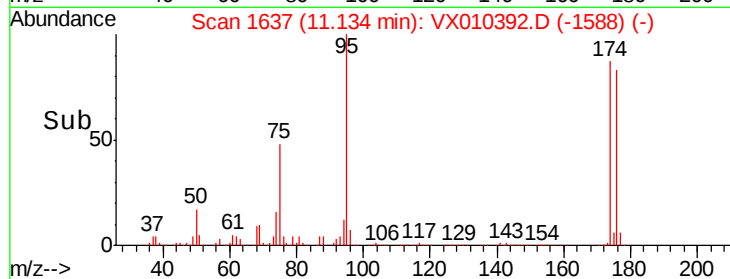
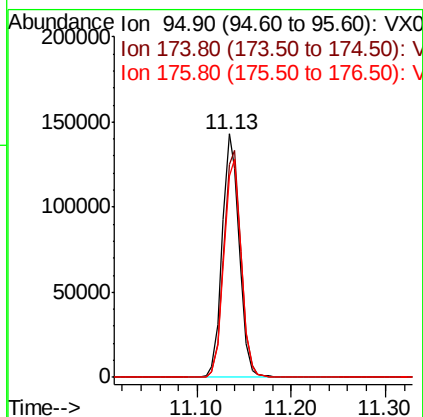
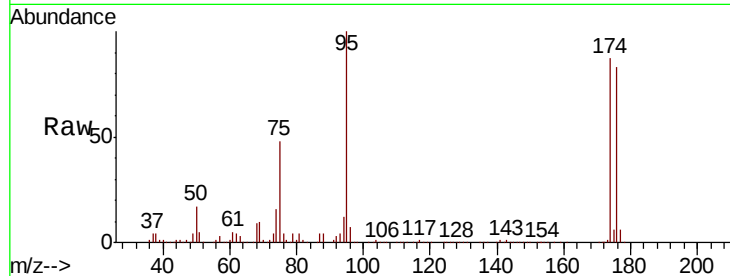




#62
4-Bromofluorobenzene
Concen: 47.010 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010392.D
Acq: 21 Jun 2019 18:08

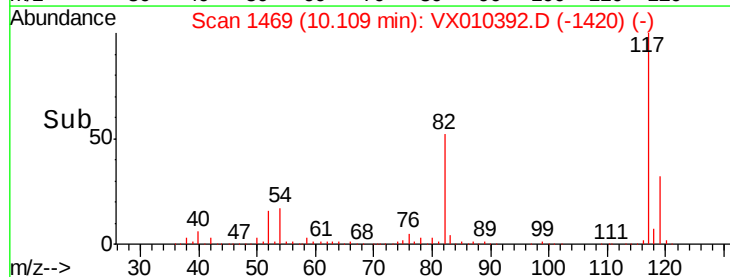
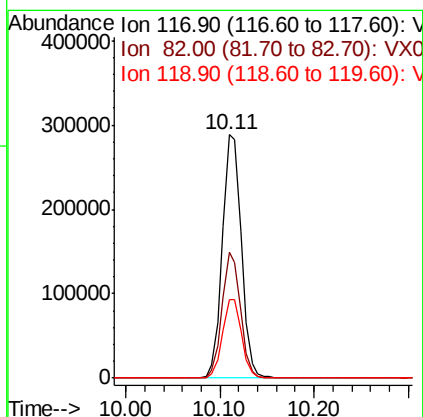
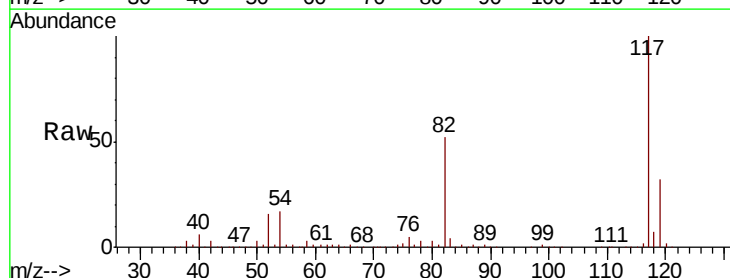
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

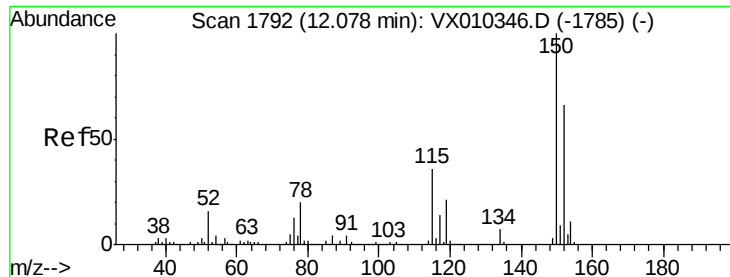
Tot Ion: 95 Resp: 178883
Ion Ratio Lower Upper
95 100
174 94.2 0.0 187.6
176 90.9 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010392.D
Acq: 21 Jun 2019 18:08

Tgt Ion: 117 Resp: 404169
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010392.D

Acq: 21 Jun 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

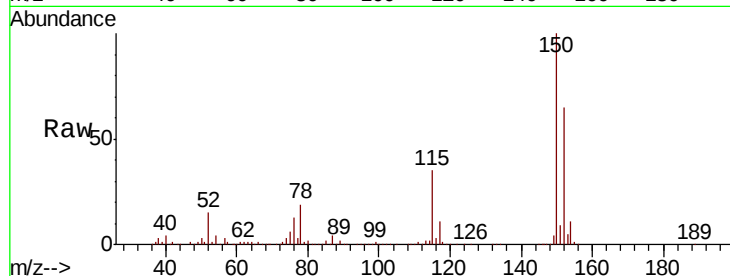
Tot Ion:152 Resp: 189585

Ion Ratio Lower Upper

152 100

115 54.2 38.6 115.7

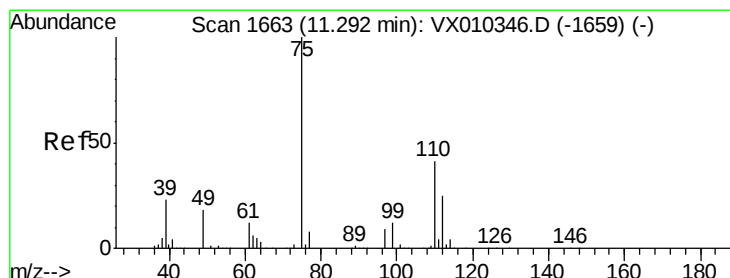
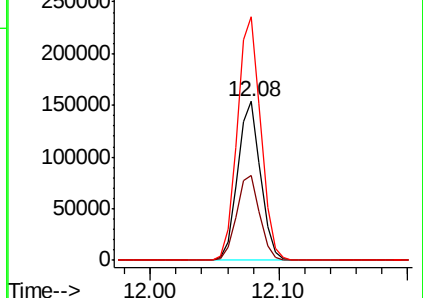
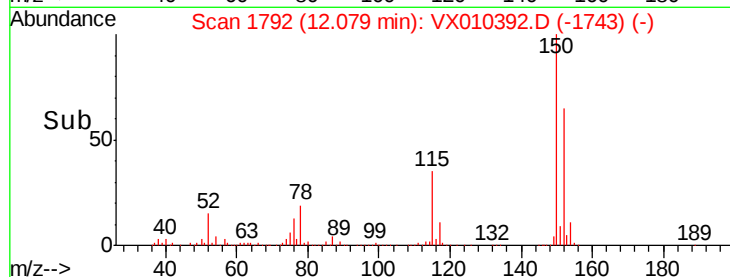
150 157.0 0.0 347.4



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: 24.312 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010392.D

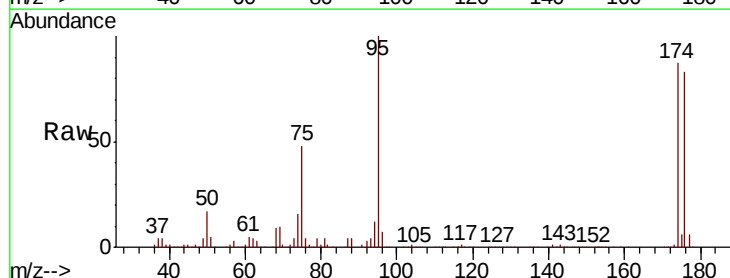
Acq: 21 Jun 2019 18:08

Tgt Ion: 75 Resp: 83991

Ion Ratio Lower Upper

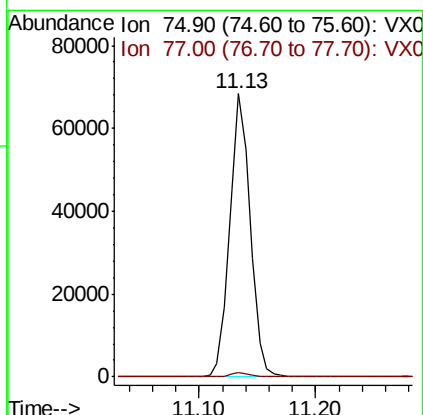
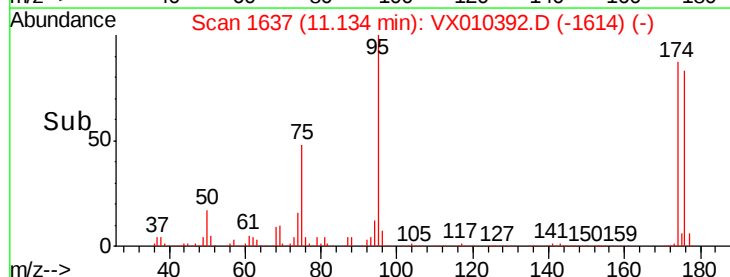
75 100

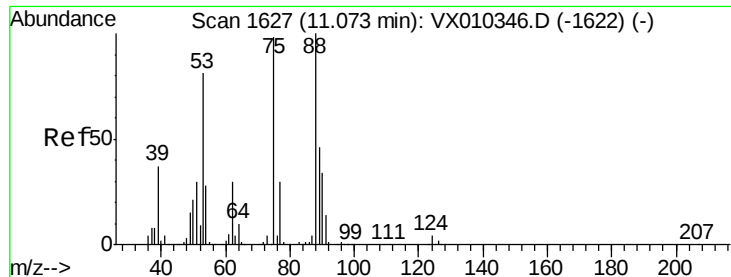
77 1.4 22.6 67.8#



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: 56.717 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010392.D
 Acq: 21 Jun 2019 18:08

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tot Ion: 75 Resp: 83991
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#

