

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010669.D
 Acq On : 04 Jul 2019 05:54
 Operator : JC/SP
 Sample : K3669-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

Quant Time: Jul 05 00:55:40 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	237065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	368958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155067	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	117676	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
35) Dibromofluoromethane	5.50	113	111783	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	438773	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.13	95	147125	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	764	0.398	ug/l #	33
4) Vinyl Chloride	1.41	62	1854	0.882	ug/l #	85
6) Chloroethane	1.78	64	519	0.418	ug/l #	47
9) 1,1,2-Trichlorotrifluoroet	2.39	101	559	0.277	ug/l #	85
10) Methyl Iodide	2.53	142	841	0.292	ug/l #	80
11) Tert butyl alcohol	3.06	59	151	0.260	ug/l #	74
12) 1,1-Dichloroethene	2.37	96	539	0.262	ug/l #	62
13) Acrolein	2.29	56	175	0.454	ug/l #	14
14) Allyl chloride	2.61	41	1124	0.385	ug/l #	53
15) Acrylonitrile	3.17	53	1652	1.435	ug/l #	50
16) Acetone	2.45	43	3842	3.449	ug/l #	88
18) Methyl Acetate	2.84	43	22388	10.084	ug/l #	49
20) Methylene Chloride	2.86	84	618	0.270	ug/l #	58
21) trans-1,2-Dichloroethene	3.17	96	476	0.215	ug/l #	75
27) cis-1,2-Dichloroethene	4.59	96	30763	12.046	ug/l	91
31) Cyclohexane	5.59	56	27209	8.475	ug/l	92
36) 1,1-Dichloropropene	5.67	75	15455	5.271	ug/l #	47
38) Carbon Tetrachloride	5.67	117	22277	7.017	ug/l #	15
39) Methylcyclohexane	7.46	83	22023	5.714	ug/l	94
40) Benzene	6.15	78	4898	0.536	ug/l	91
44) Trichloroethene	7.21	130	30871	11.295	ug/l	100
48) Methyl methacrylate	7.74	41	1530	0.660	ug/l #	53
49) 1,4-Dioxane	7.83	88	23	0.344	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	3591	1.447	ug/l #	22
56) Ethyl methacrylate	9.16	69	828	0.220	ug/l #	1
60) Dibromochloromethane	9.34	129	38289	13.784	ug/l #	11
64) Tetrachloroethene	9.34	164	42979	15.907	ug/l	96
65) Chlorobenzene	10.13	112	156935	23.141	ug/l	99
73) Isopropylbenzene	11.02	105	11551	1.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	1873	0.538	ug/l #	32
76) 1,2,3-Trichloropropane	11.13	75	73162	25.891	ug/l #	33
78) n-propylbenzene	11.36	91	10044	0.869	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	73162	60.402	ug/l #	16
83) tert-Butylbenzene	11.77	119	15599	1.794	ug/l	94

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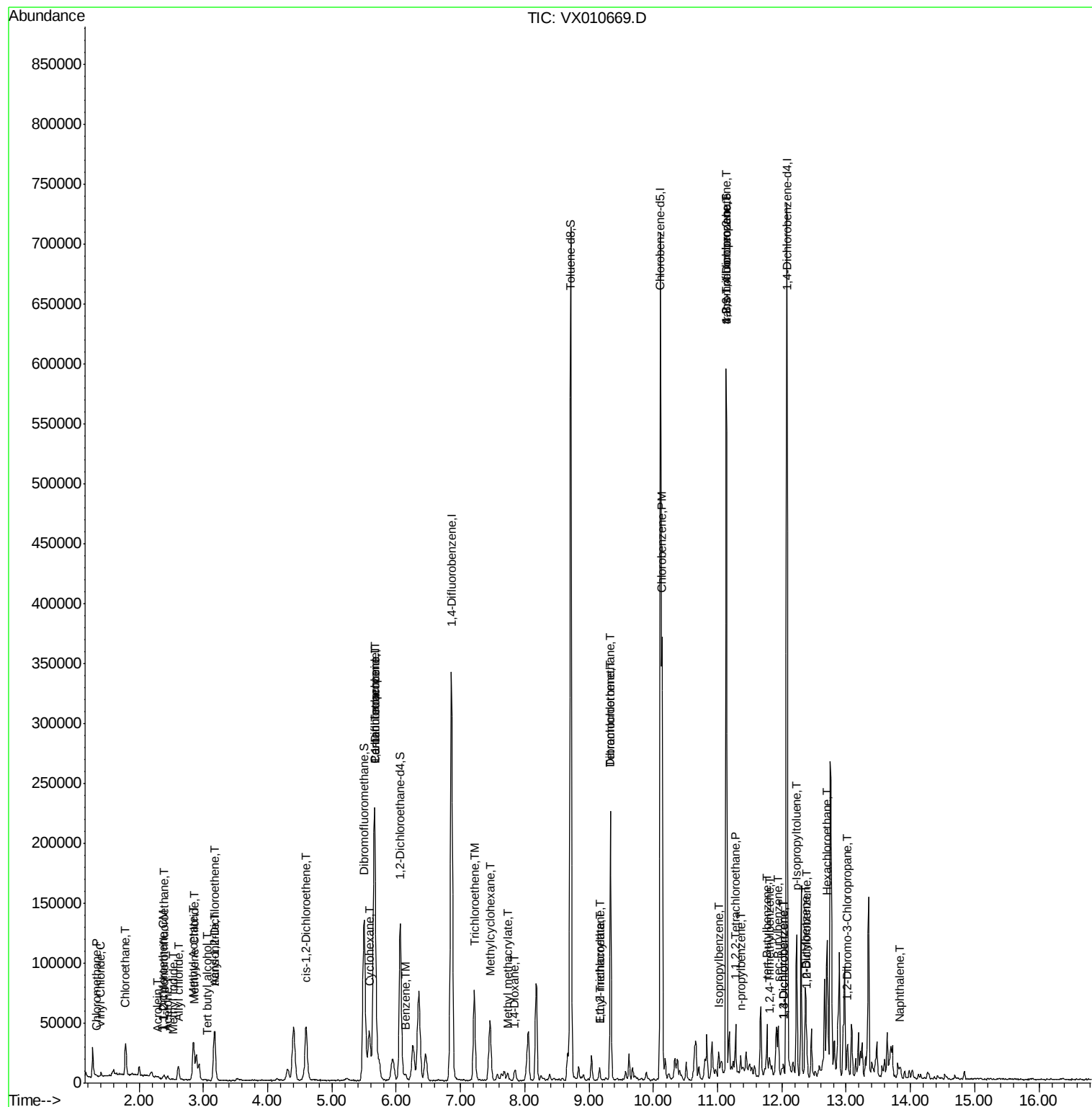
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	2040	0.234	ug/l	85
85) sec-Butylbenzene	11.94	105	19760	1.935	ug/l	95
86) p-Isopropyltoluene	12.23	119	50667	5.364	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	2485	0.485	ug/l	91
88) 1,4-Dichlorobenzene	12.02	146	2485	0.476	ug/l	90
89) n-Butylbenzene	12.38	91	7744	0.965	ug/l #	56
90) Hexachloroethane	12.70	117	35786	21.910	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	3270	0.642	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	13.02	75	231	0.308	ug/l #	1
95) Naphthalene	13.83	128	4746	0.437	ug/l #	94

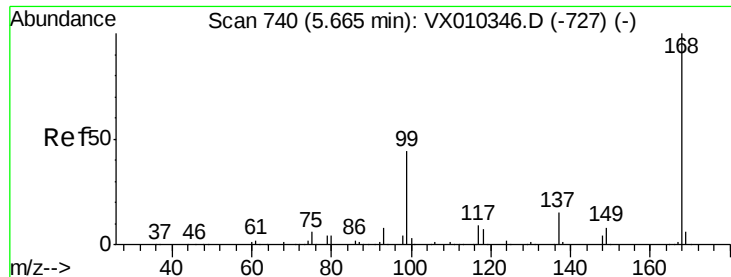
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

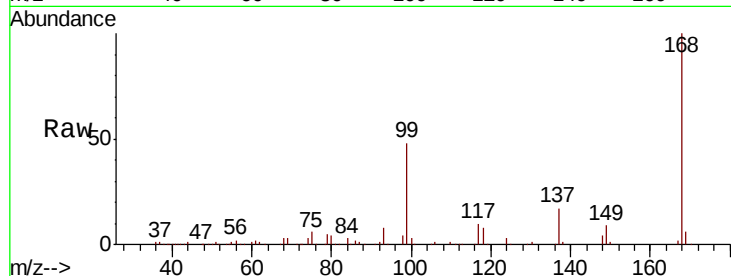
SS037MW266-190701

Tot Ion:168 Resp: 237065

Ion Ratio Lower Upper

168 100

99 48.4 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

80000

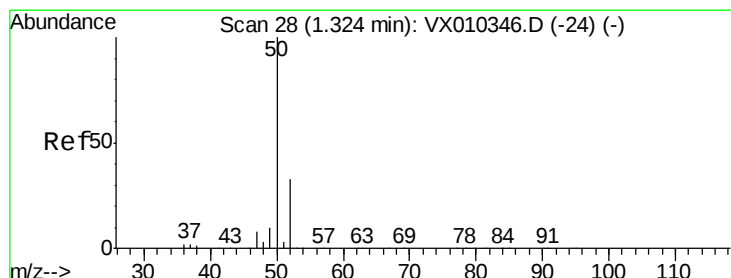
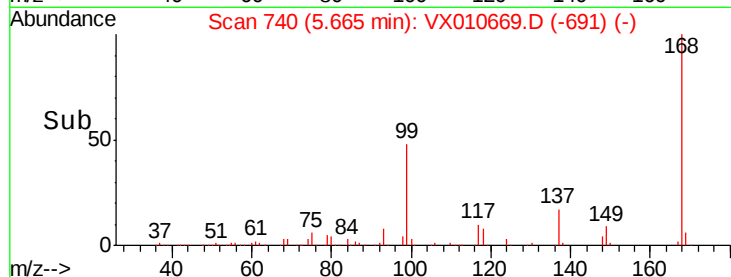
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.398 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010669.D

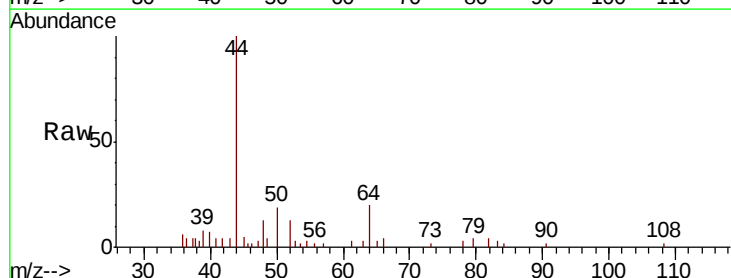
Acq: 04 Jul 2019 05:54

Tgt Ion: 50 Resp: 764

Ion Ratio Lower Upper

50 100

52 71.2 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

500

400

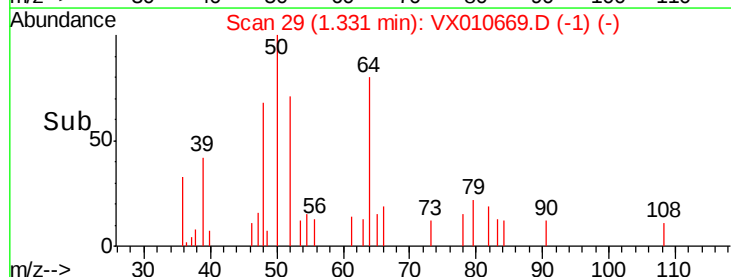
300

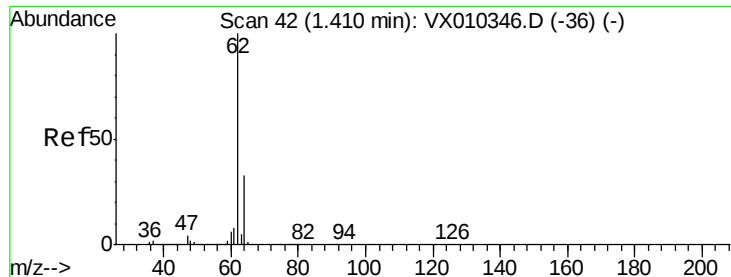
200

100

0

Time--> 1.30 1.35 1.40





#4

Vinyl Chloride

Concen: 0.882 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

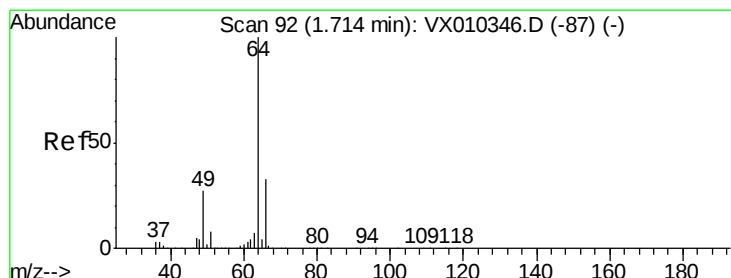
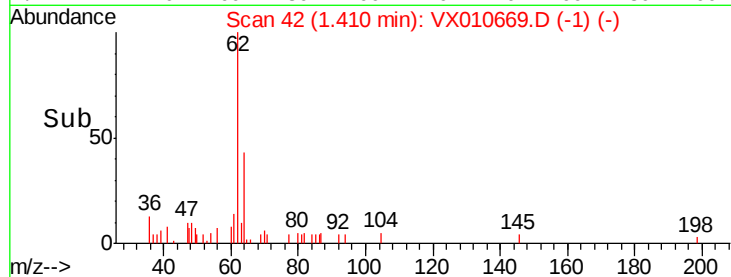
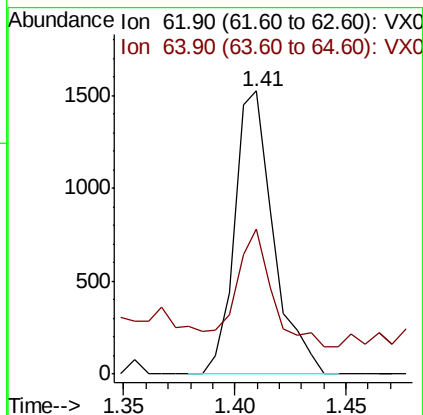
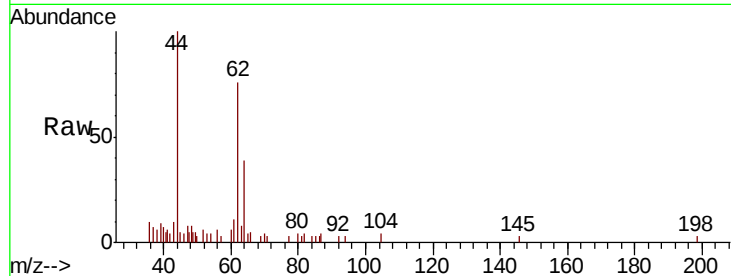
SS037MW266-190701

Tot Ion: 62 Resp: 1854

Ion Ratio Lower Upper

62 100

64 41.4 26.2 39.4#



#6

Chloroethane

Concen: 0.418 ug/l

RT: 1.78 min Scan# 102

Delta R.T. 0.06 min

Lab File: VX010669.D

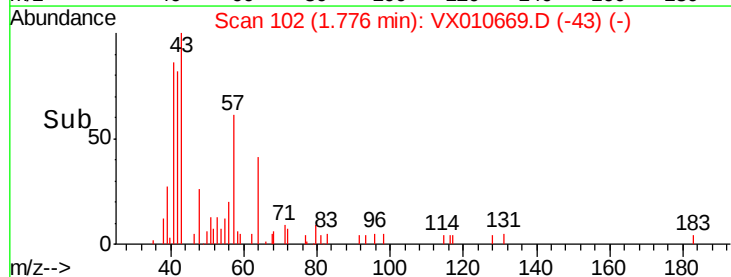
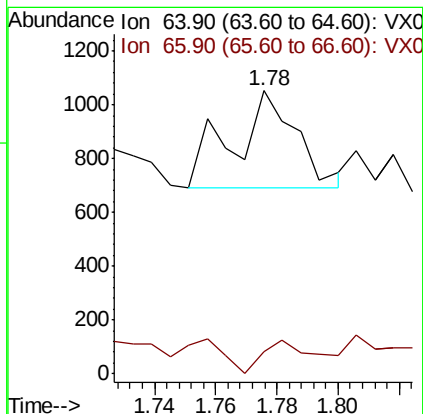
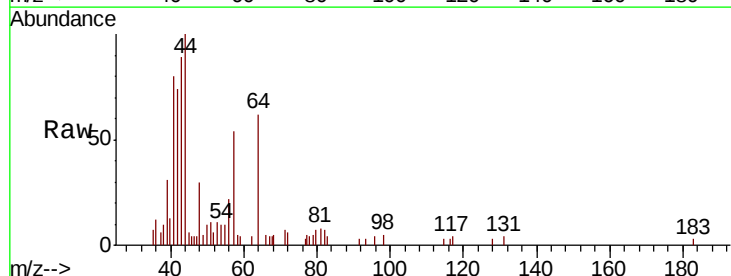
Acq: 04 Jul 2019 05:54

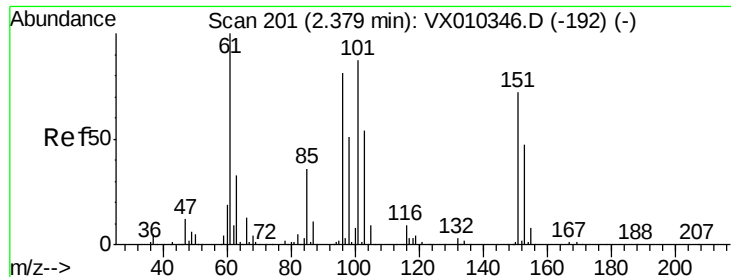
Tgt Ion: 64 Resp: 519

Ion Ratio Lower Upper

64 100

66 3.0 26.6 40.0#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.277 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

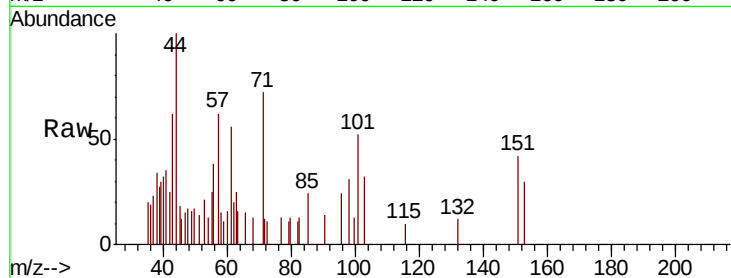
Tot Ion:101 Resp: 559

Ion Ratio Lower Upper

101 100

85 29.9 33.7 50.5#

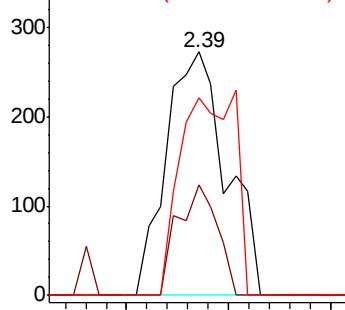
151 75.8 70.1 105.1



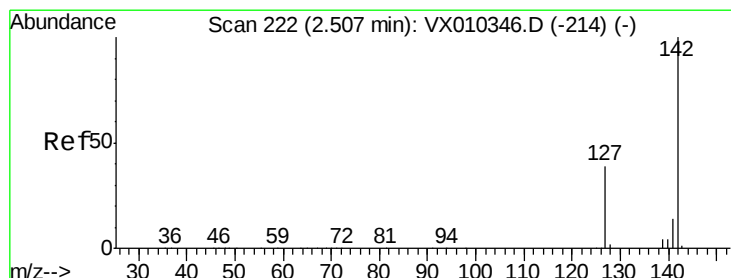
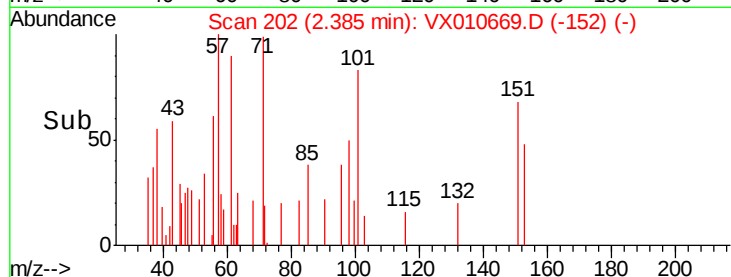
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 0.292 ug/l

RT: 2.53 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

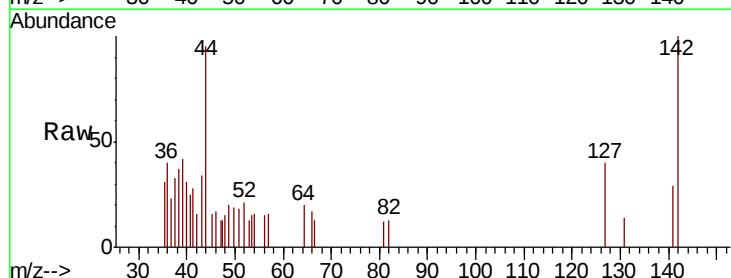
Tgt Ion:142 Resp: 841

Ion Ratio Lower Upper

142 100

127 55.3 31.1 46.7#

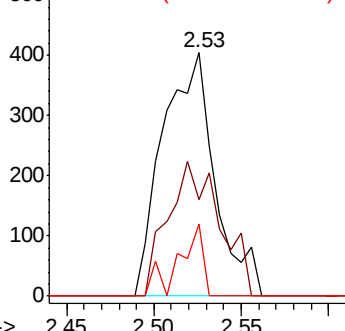
141 13.6 11.2 16.8



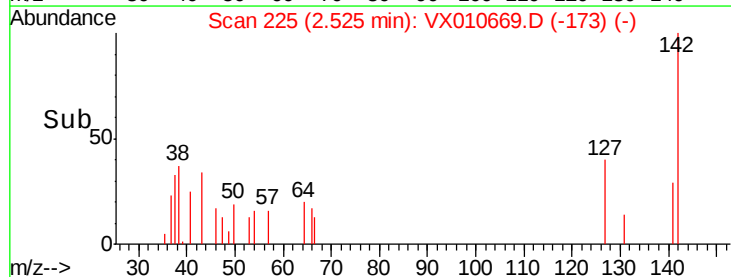
Abundance Ion 141.80 (141.50 to 142.50): V

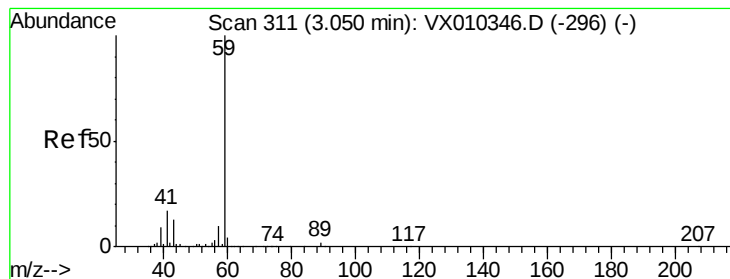
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



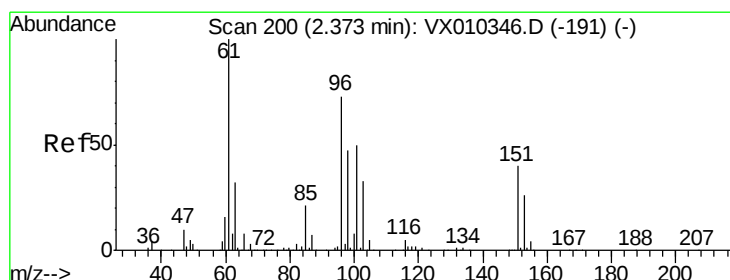
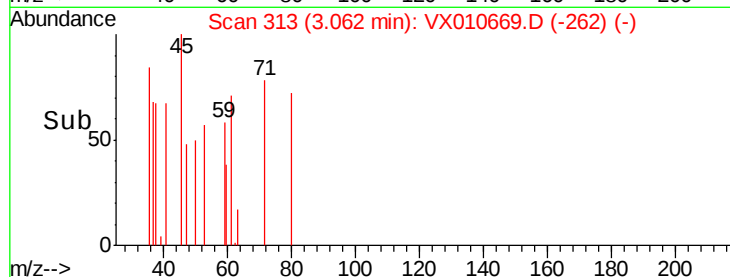
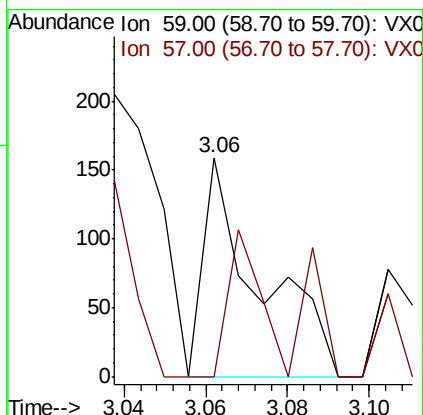
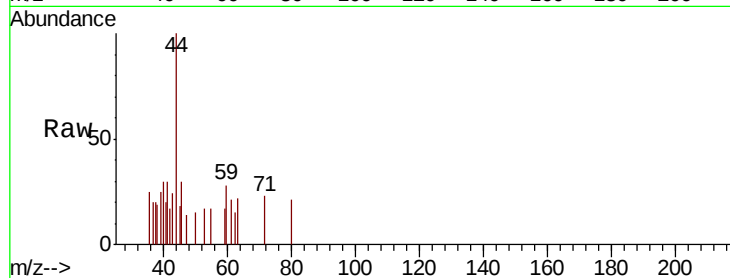


#11

Tert butyl alcohol
Concen: 0.260 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

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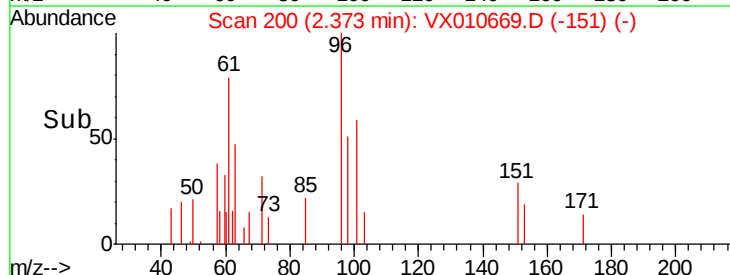
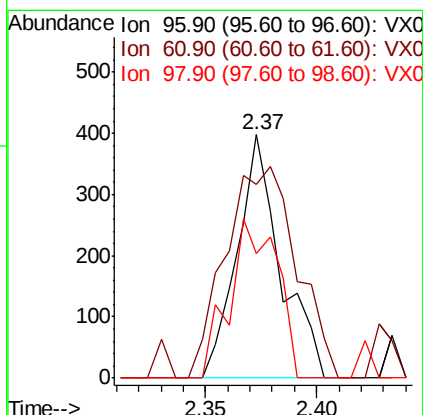
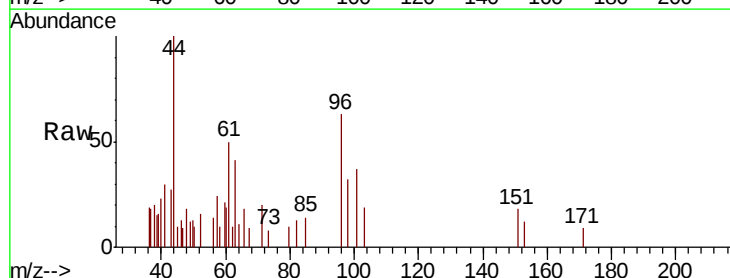
Tot Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

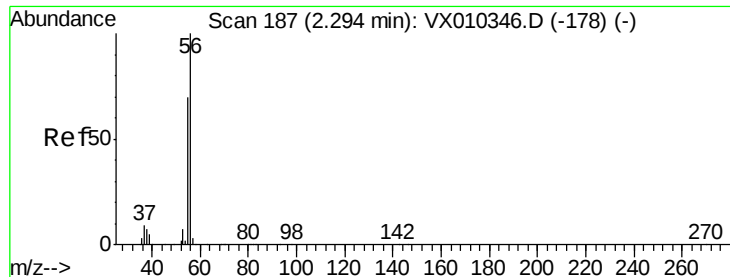


#12

1,1-Dichloroethene
Concen: 0.262 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Tgt Ion: 96 Resp: 539
Ion Ratio Lower Upper
96 100
61 79.4 109.2 163.8#
98 51.0 51.1 76.7#





#13

Acrolein

Concen: 0.454 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

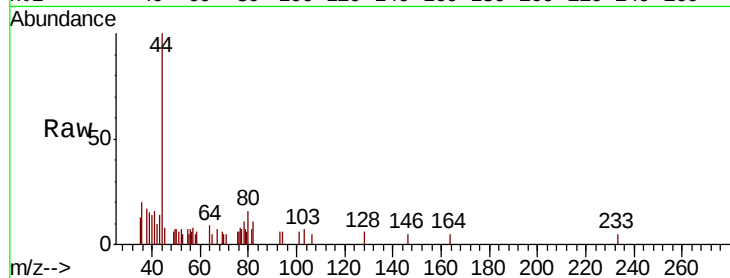
SS037MW266-190701

Tot Ion: 56 Resp: 175

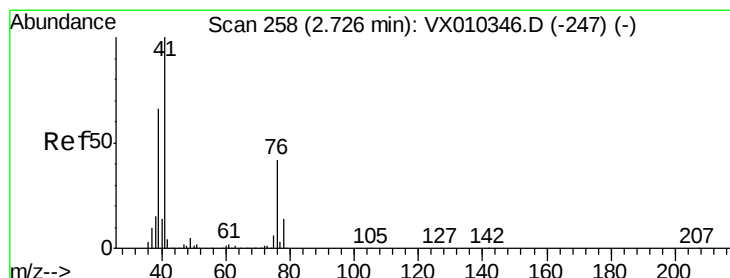
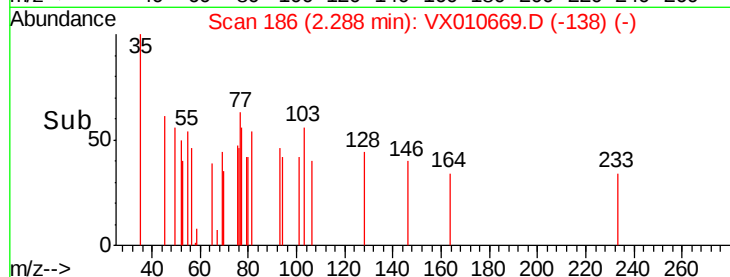
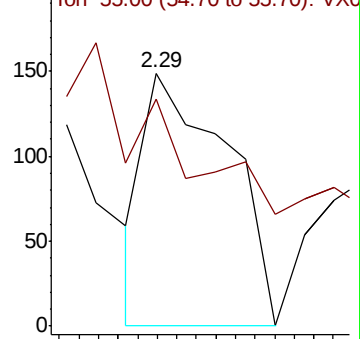
Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0



#14

Allyl chloride

Concen: 0.385 ug/l

RT: 2.61 min Scan# 239

Delta R.T. -0.12 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

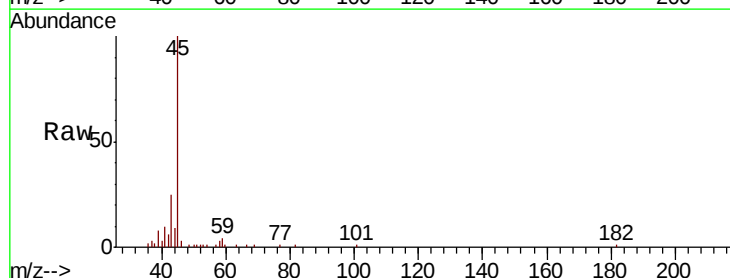
Tgt Ion: 41 Resp: 1124

Ion Ratio Lower Upper

41 100

39 91.6 50.3 75.5#

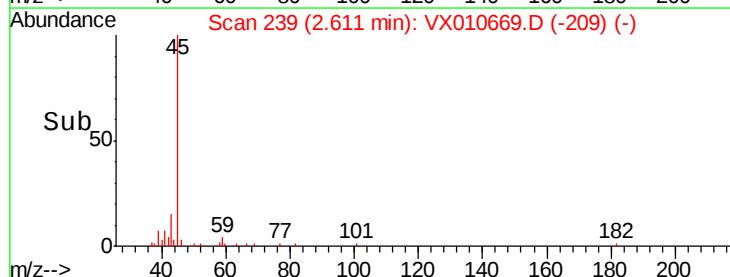
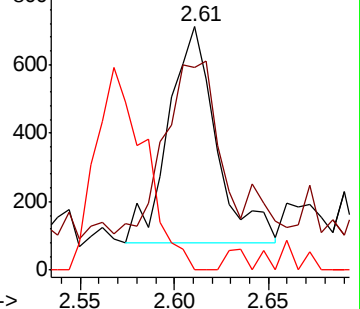
76 0.0 31.3 46.9#

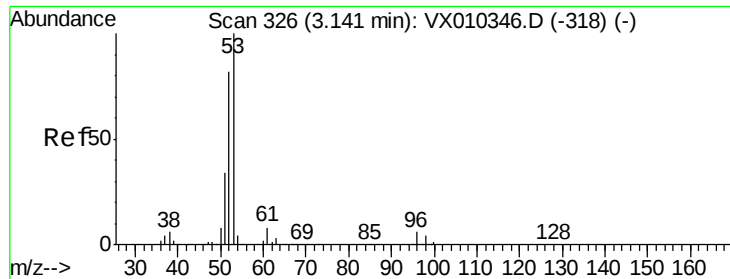


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 1.435 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

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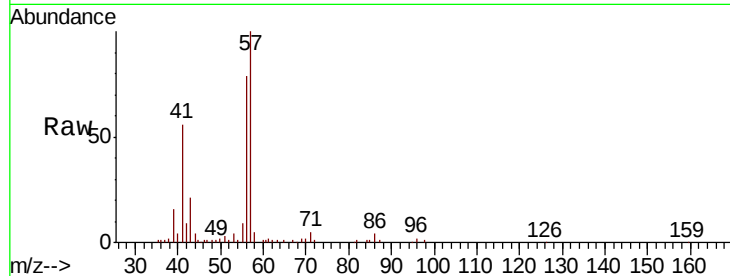
Tot Ion: 53 Resp: 1652

Ion Ratio Lower Upper

53 100

52 33.4 65.5 98.3#

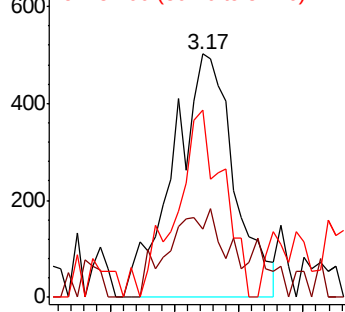
51 59.6 28.2 42.4#



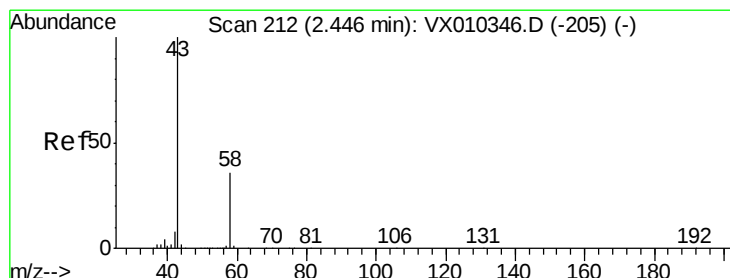
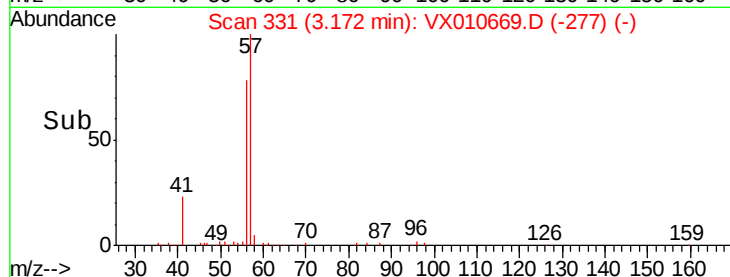
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 3.449 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010669.D

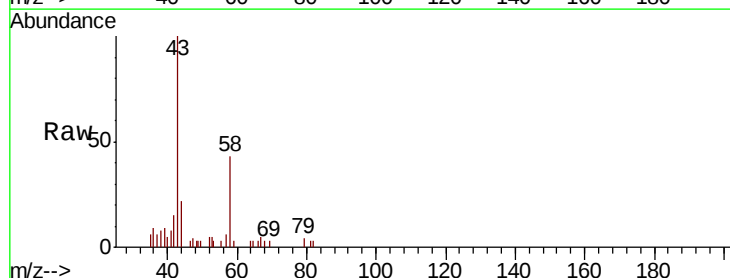
Acq: 04 Jul 2019 05:54

Tgt Ion: 43 Resp: 3842

Ion Ratio Lower Upper

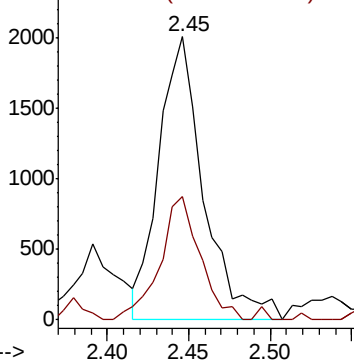
43 100

58 43.4 28.9 43.3#

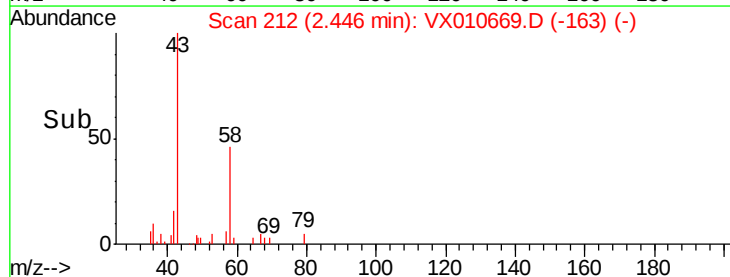


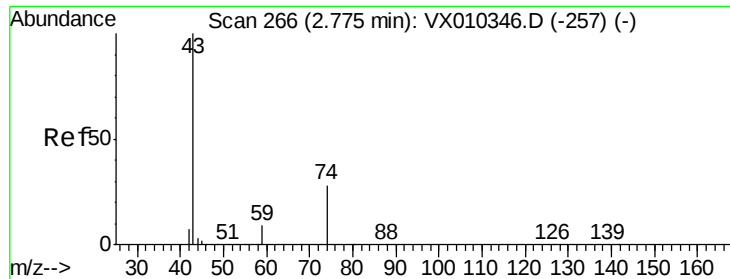
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

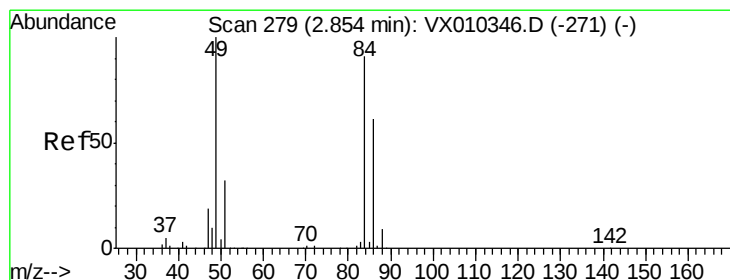
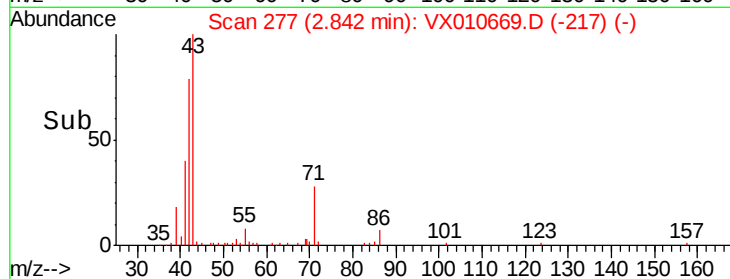
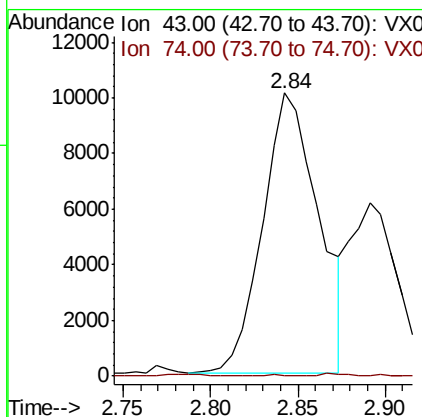
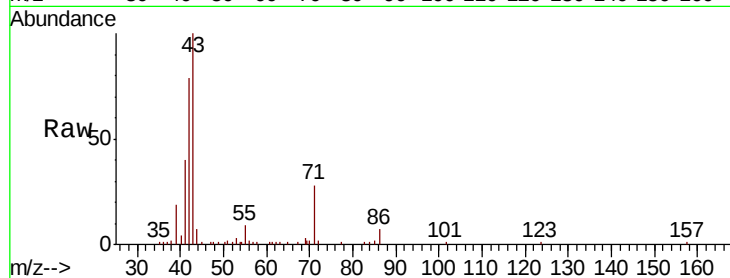




#18
Methyl Acetate
Concen: 10.084 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

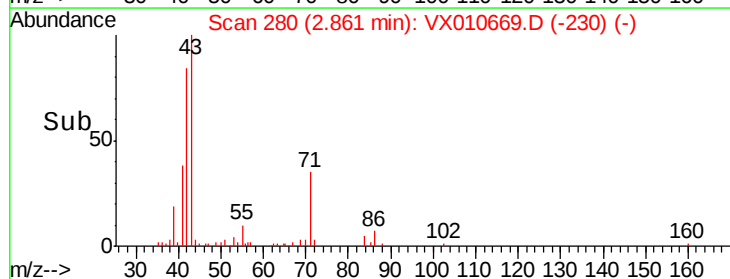
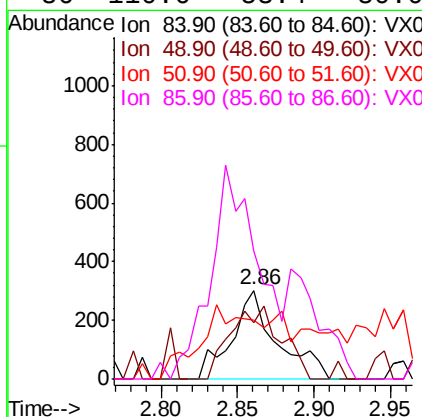
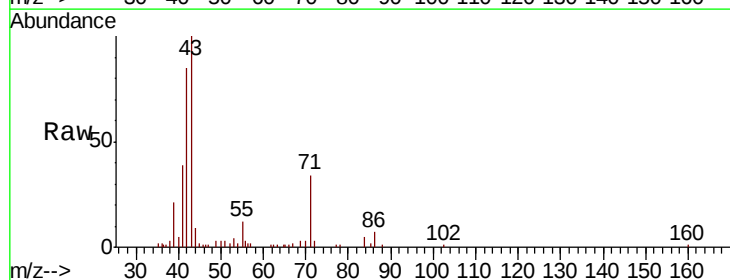
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

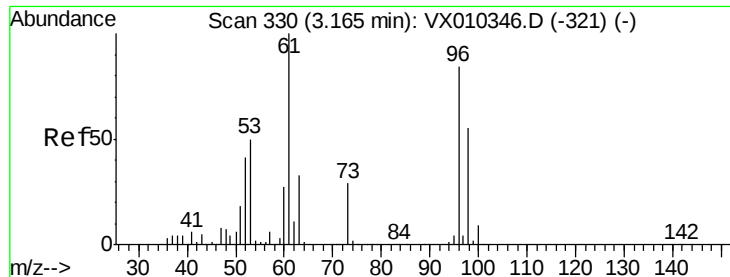
Tot Ion: 43 Resp: 22388
Ion Ratio Lower Upper
43 100
74 0.1 21.3 31.9#



#20
Methylene Chloride
Concen: 0.270 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Tgt Ion: 84 Resp: 618
Ion Ratio Lower Upper
84 100
49 64.0 87.5 131.3#
51 41.6 27.7 41.5#
86 110.6 53.4 80.0#





#21

trans-1,2-Dichloroethene

Concen: 0.215 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

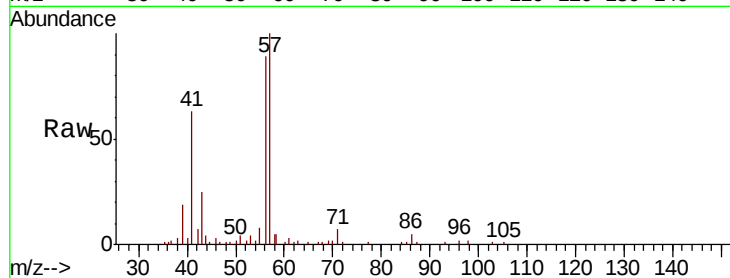
Tot Ion: 96 Resp: 476

Ion Ratio Lower Upper

96 100

61 82.2 95.6 143.4#

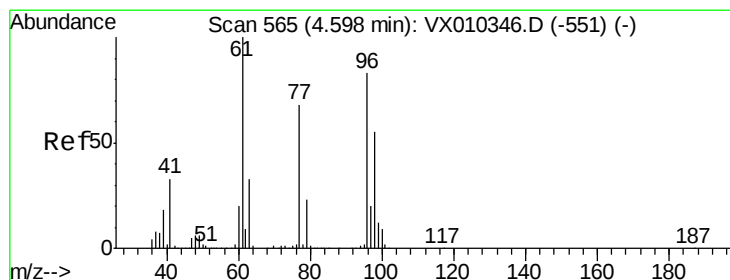
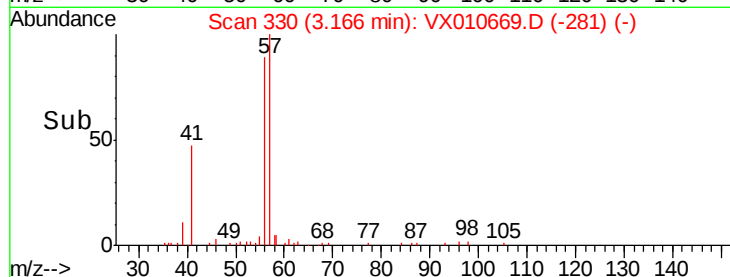
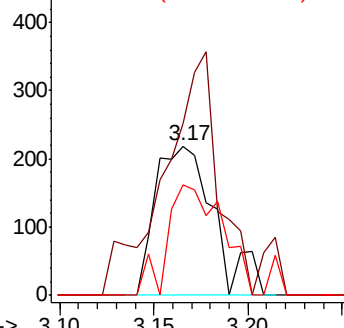
98 74.0 52.5 78.7



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



#27

cis-1,2-Dichloroethene

Concen: 12.046 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

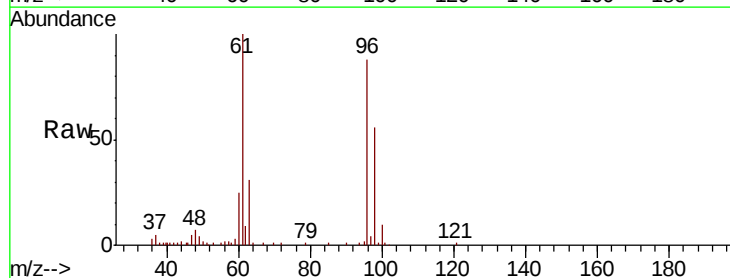
Tgt Ion: 96 Resp: 30763

Ion Ratio Lower Upper

96 100

61 112.3 0.0 251.8

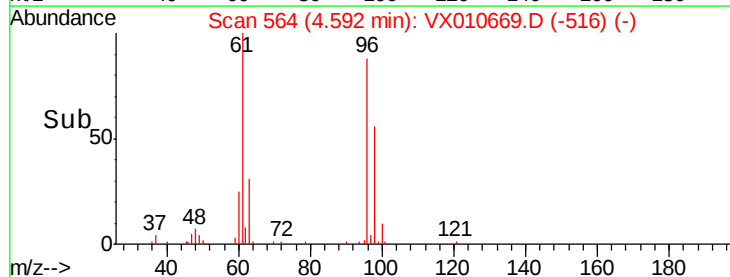
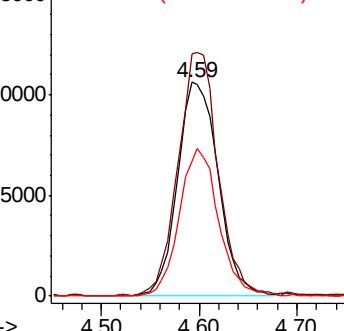
98 66.5 0.0 129.4

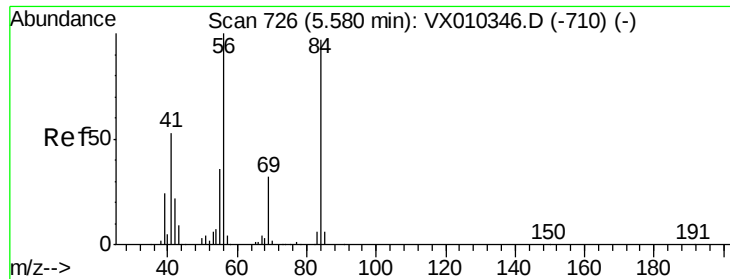


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

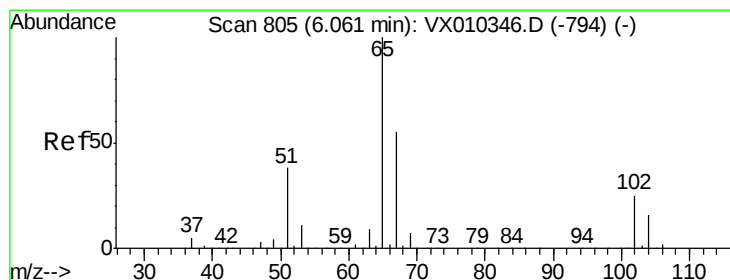
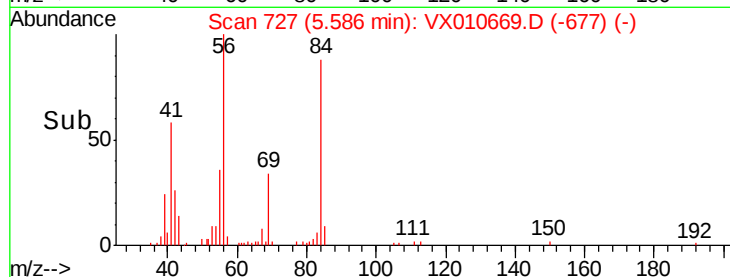
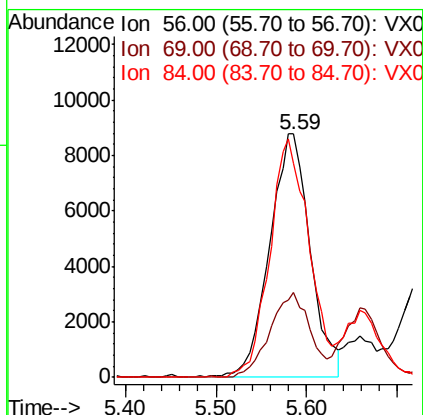
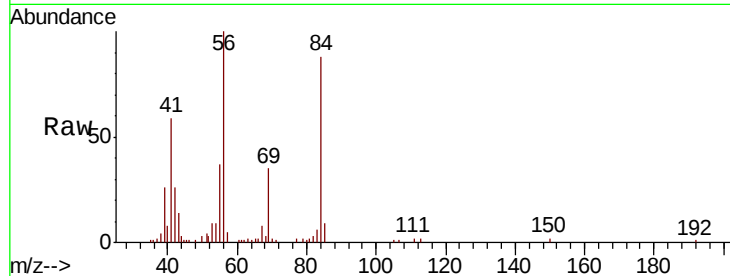




#31
Cyclohexane
Concen: 8.475 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

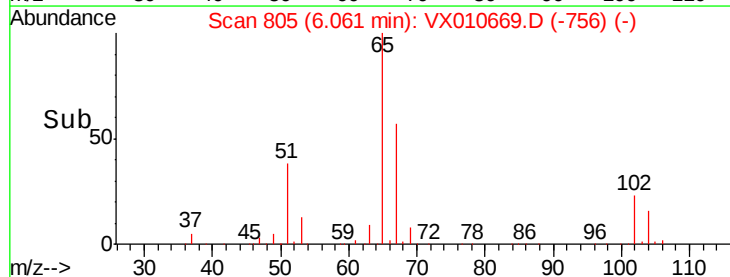
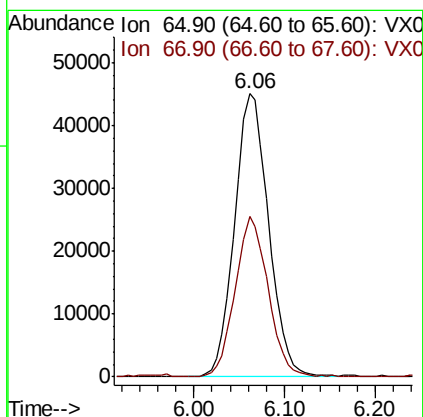
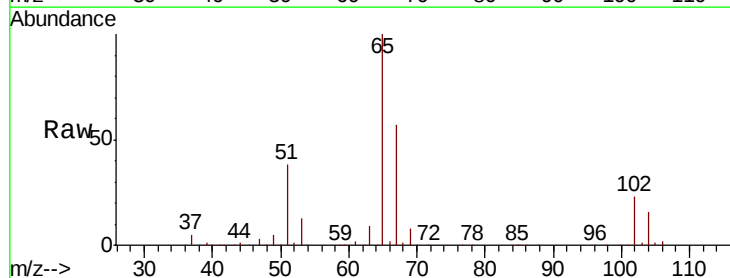
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

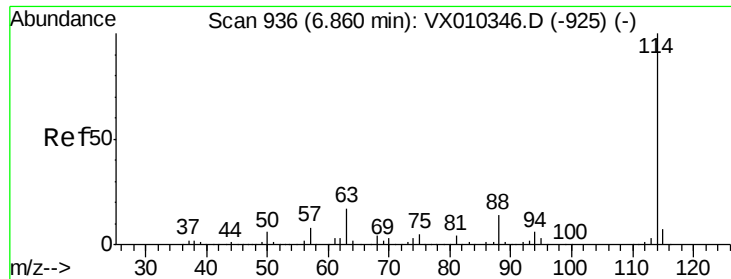
Tot Ion: 56 Resp: 27209
Ion Ratio Lower Upper
56 100
69 35.1 25.9 38.9
84 88.2 78.0 117.0



#33
1,2-Dichloroethane-d4
Concen: 52.942 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Tgt Ion: 65 Resp: 117676
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2

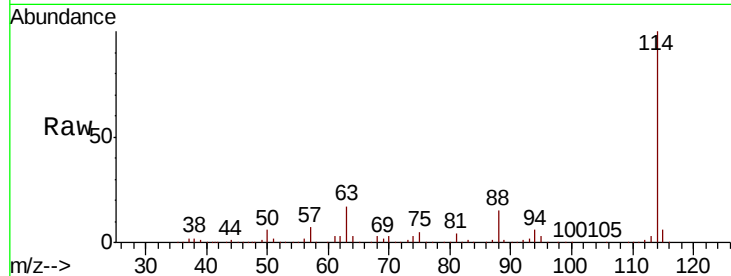




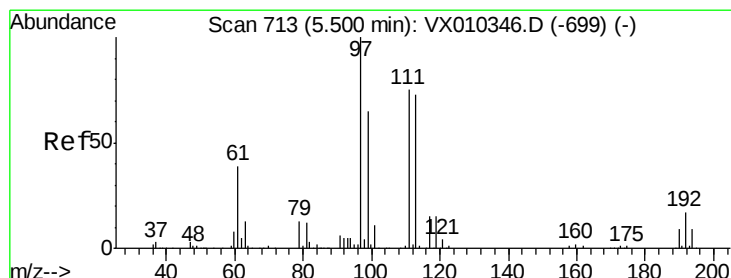
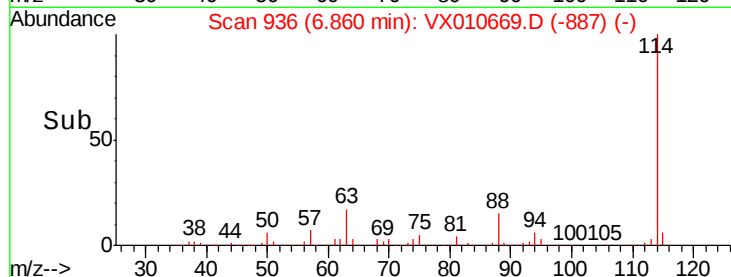
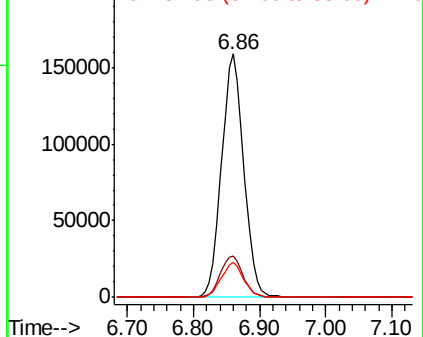
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

Tot Ion:114 Resp: 368958
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.8
88 14.6 0.0 27.6

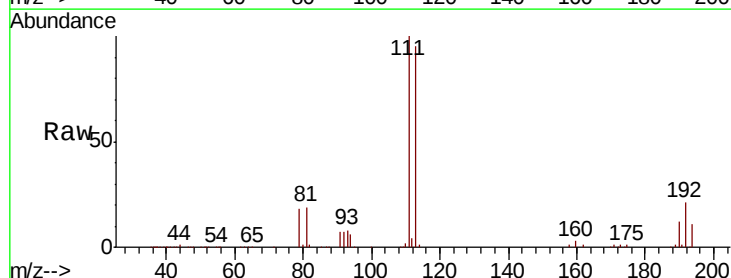


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

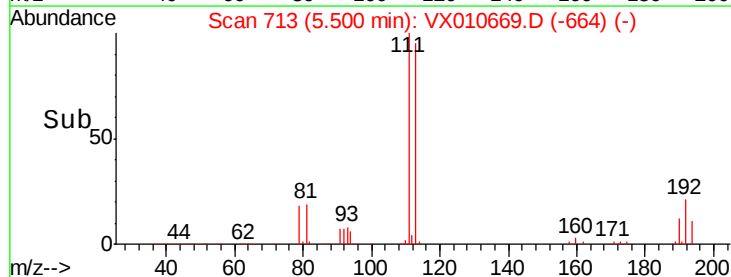
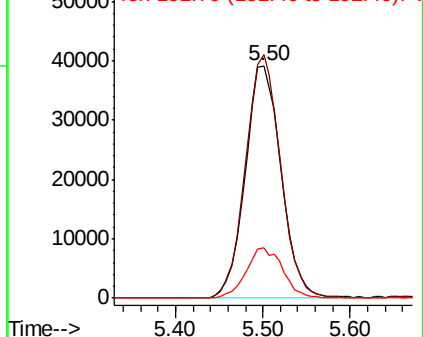


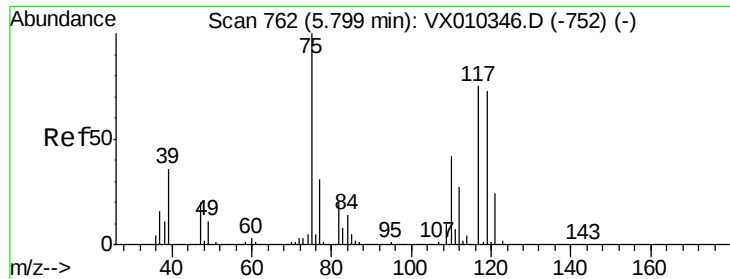
#35
Dibromofluoromethane
Concen: 49.518 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Tgt Ion:113 Resp: 111783
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 21.9 18.6 27.8



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: 5.271 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

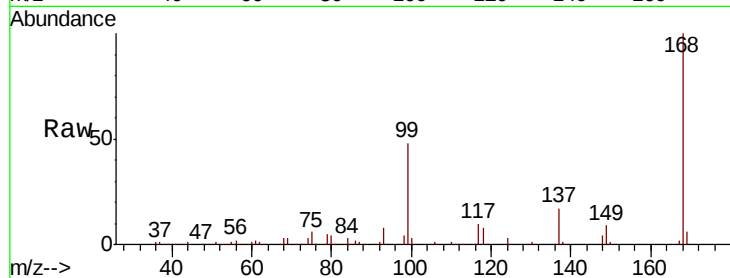
Tot Ion: 75 Resp: 15455

Ion Ratio Lower Upper

75 100

110 9.8 20.8 62.2#

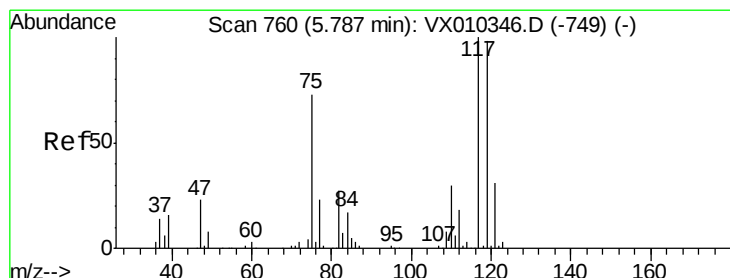
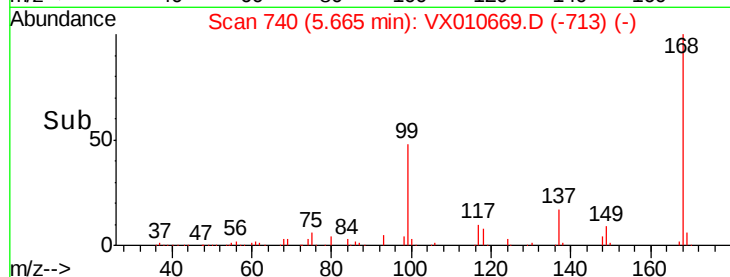
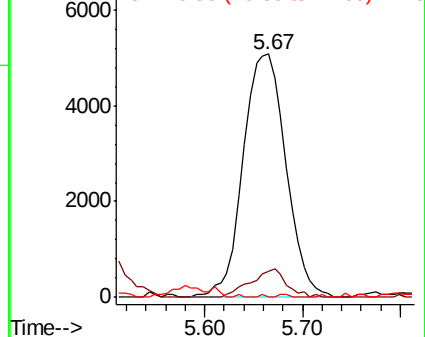
77 0.1 25.4 38.0#



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: 7.017 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

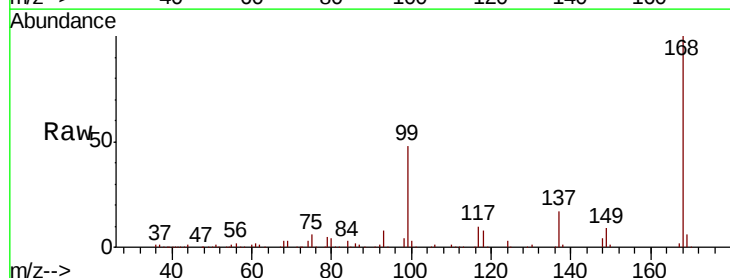
Tgt Ion: 117 Resp: 22277

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.4#

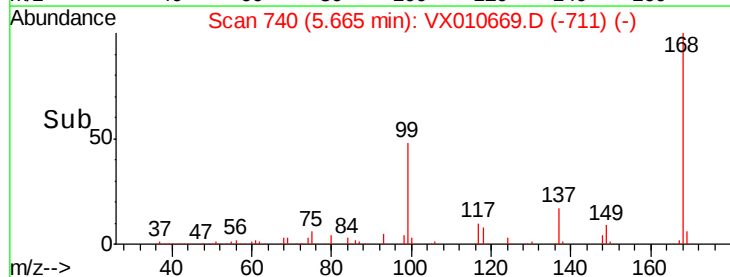
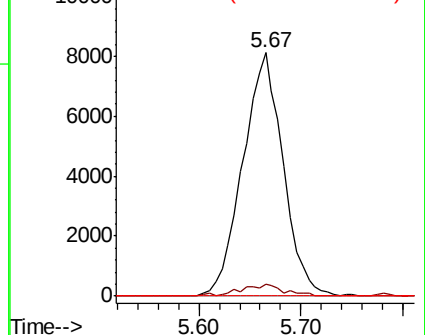
121 0.0 24.7 37.1#

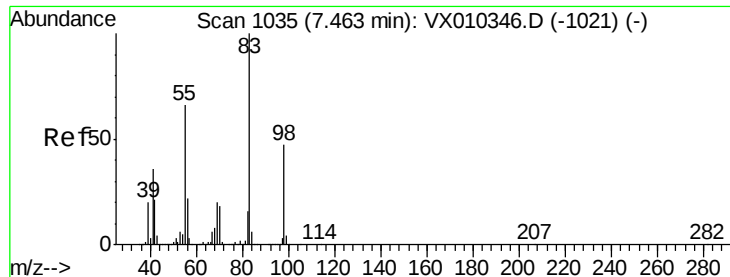


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

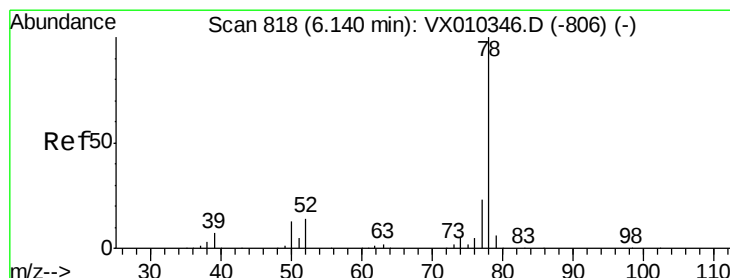
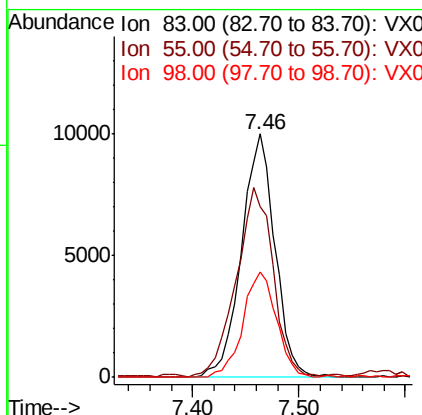
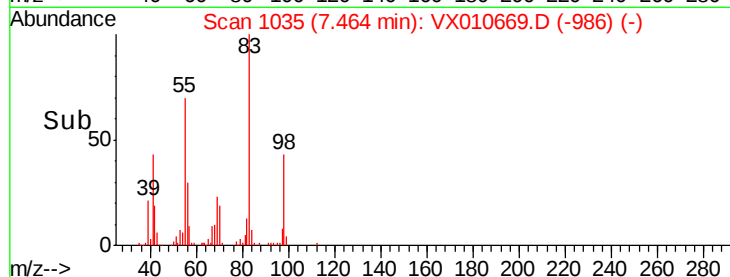
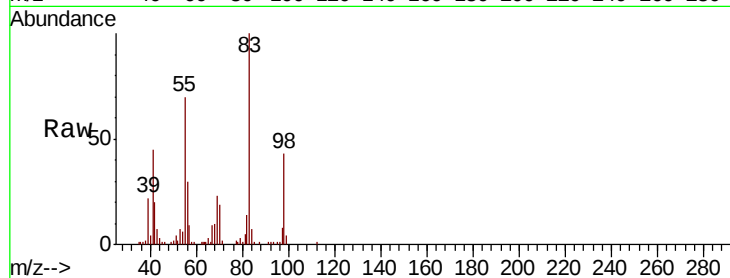




#39
Methvlcvclohexane
Concen: 5.714 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

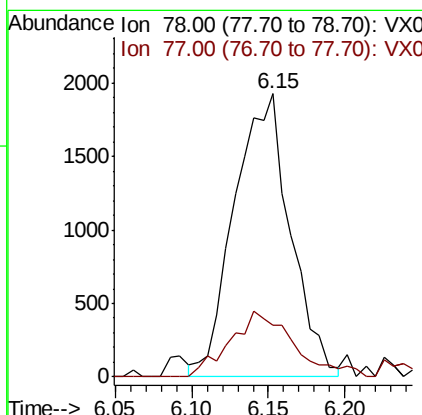
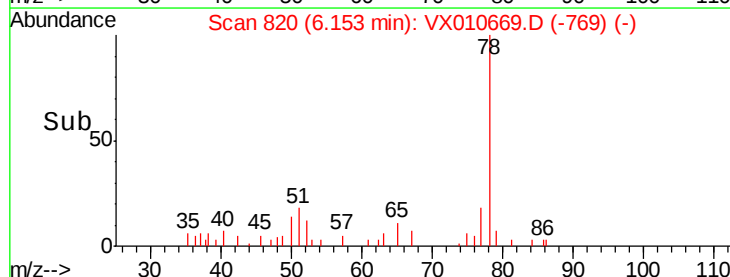
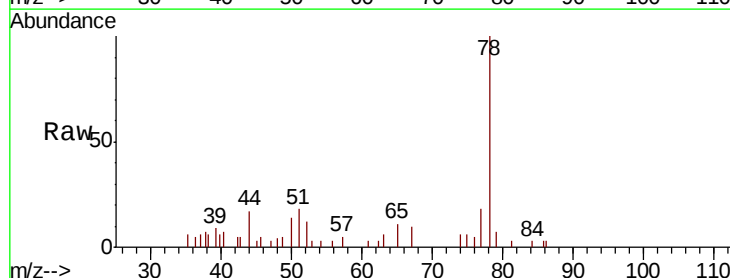
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

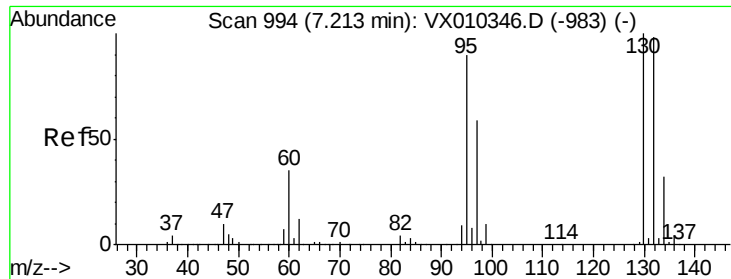
Tot Ion: 83 Resp: 22023
Ion Ratio Lower Upper
83 100
55 70.2 53.0 79.6
98 43.1 37.8 56.8



#40
Benzene
Concen: 0.536 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Tgt Ion: 78 Resp: 4898
Ion Ratio Lower Upper
78 100
77 19.2 18.6 28.0

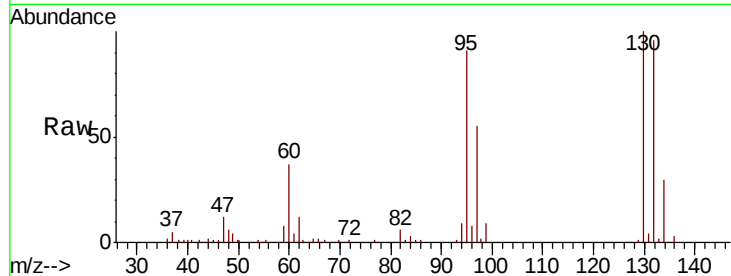




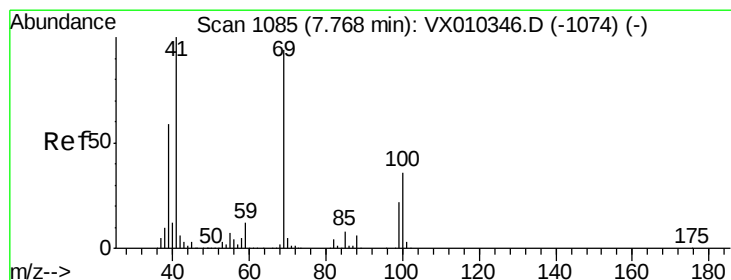
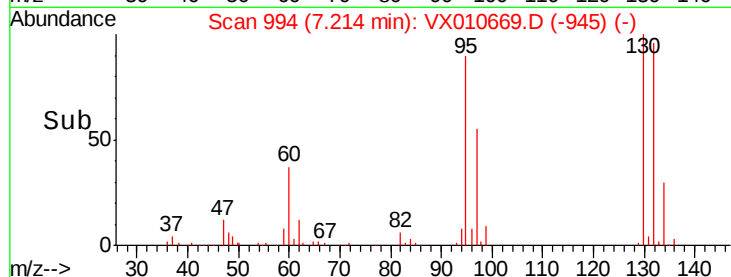
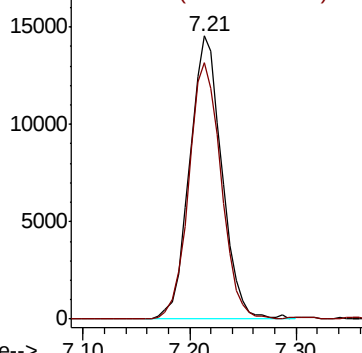
#44
 Trichloroethene
 Concen: 11.295 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010669.D
 Acq: 04 Jul 2019 05:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

Tot Ion:130 Resp: 30871
 Ion Ratio Lower Upper
 130 100
 95 90.6 0.0 180.8

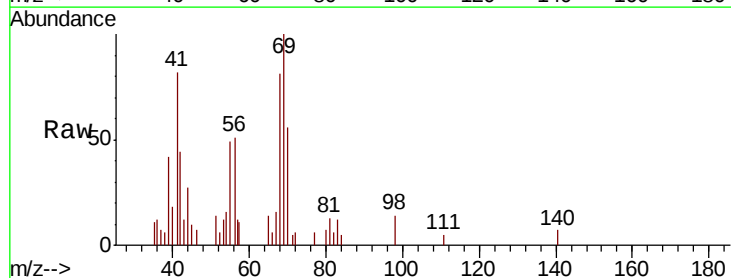


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

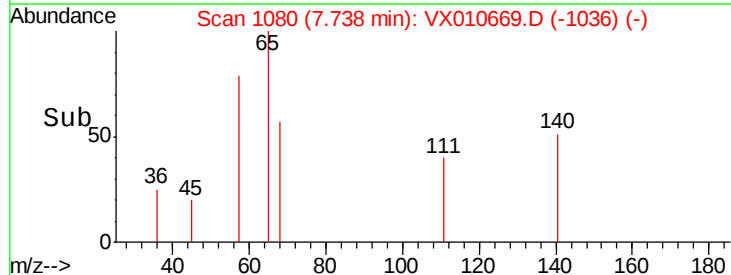
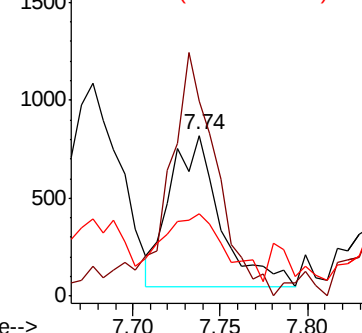


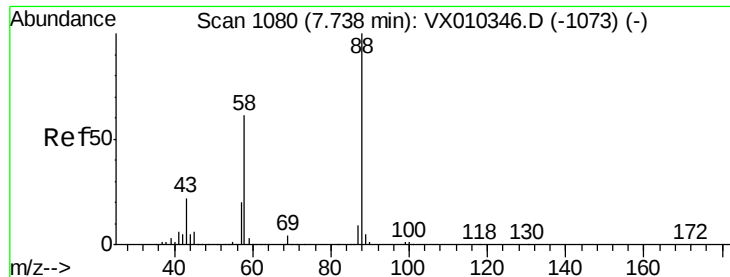
#48
 Methyl methacrylate
 Concen: 0.660 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.03 min
 Lab File: VX010669.D
 Acq: 04 Jul 2019 05:54

Tgt Ion: 41 Resp: 1530
 Ion Ratio Lower Upper
 41 100
 69 166.1 76.1 114.1#
 39 56.1 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 69.00 (68.70 to 69.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.344 ug/l

RT: 7.83 min Scan# 1095

Delta R.T. 0.09 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

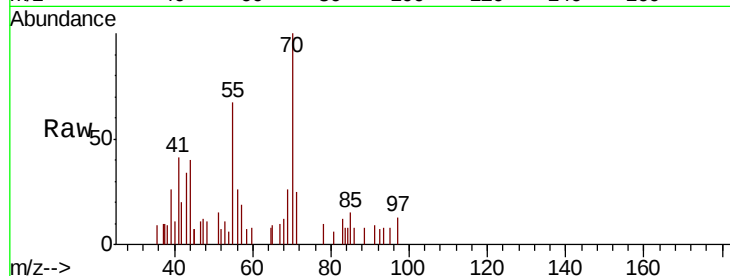
Tot Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 2821.7 20.2 30.2#

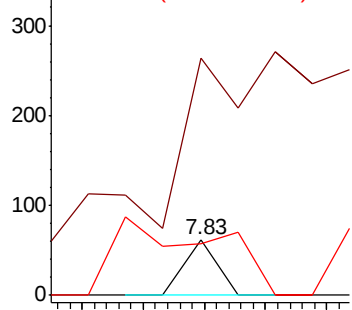
58 0.0 49.5 74.3#



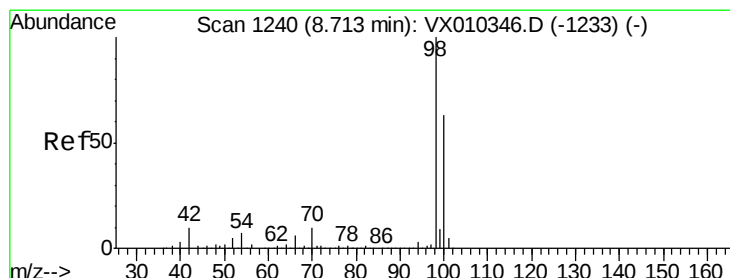
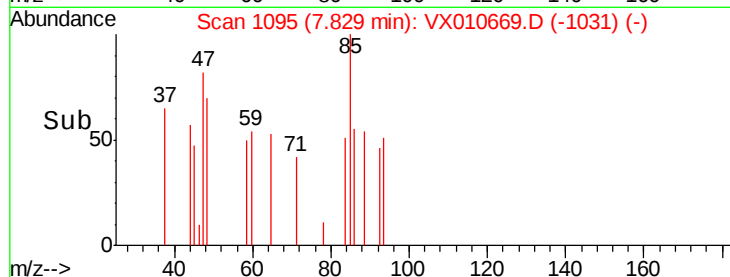
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 50.805 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010669.D

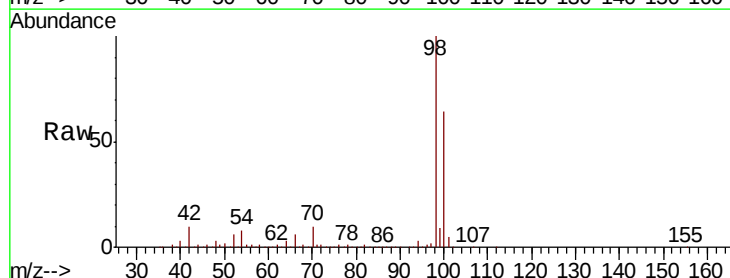
Acq: 04 Jul 2019 05:54

Tgt Ion: 98 Resp: 438773

Ion Ratio Lower Upper

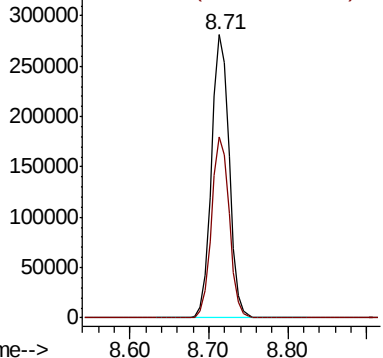
98 100

100 64.0 51.6 77.4

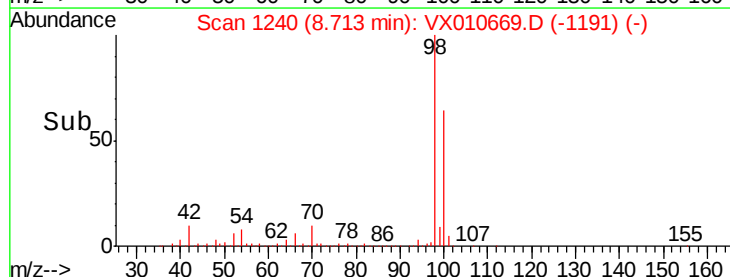


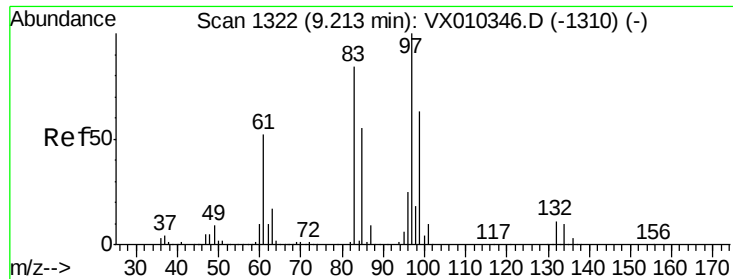
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->

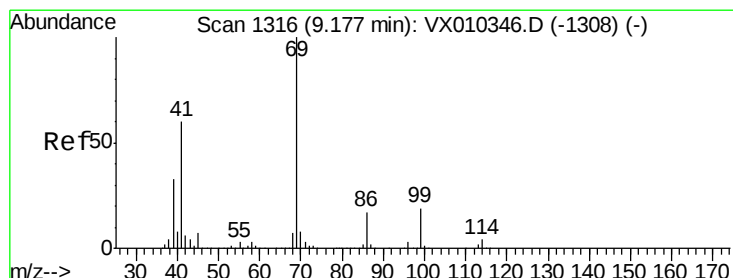
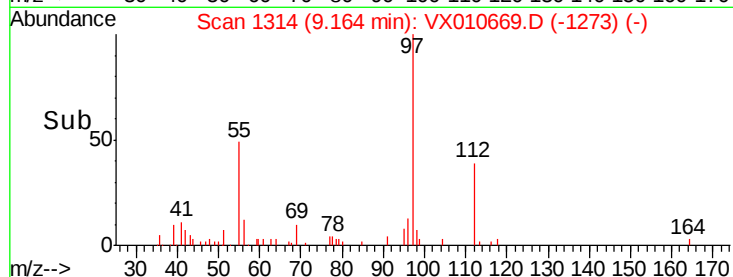
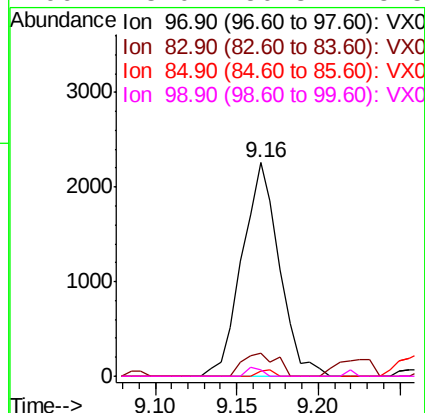
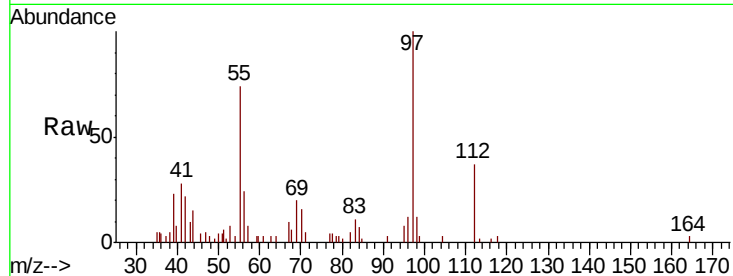




#55
 1,1,2-Trichloroethane
 Concen: 1.447 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010669.D
 Acq: 04 Jul 2019 05:54

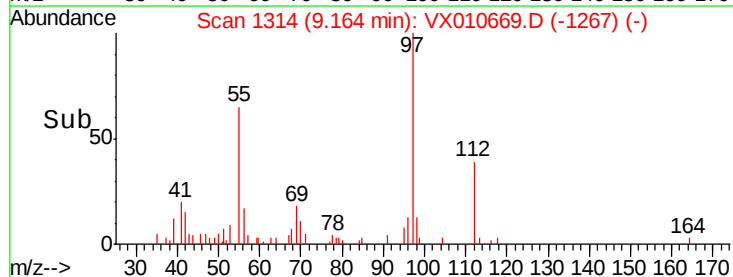
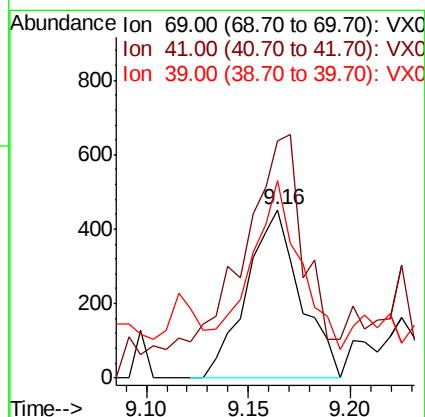
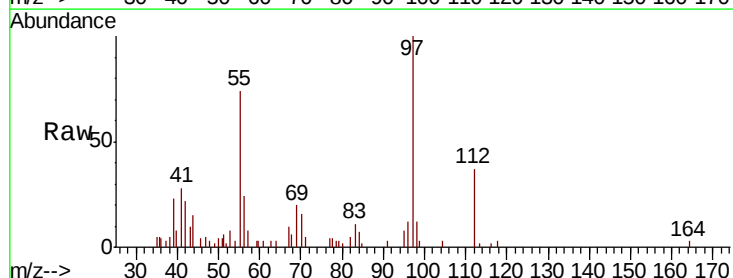
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

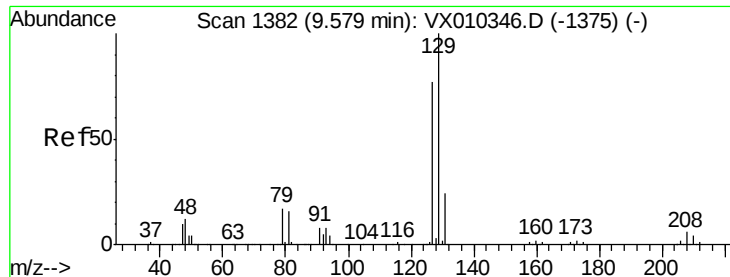
Tot Ion: 97 Resp: 3591
 Ion Ratio Lower Upper
 97 100
 83 10.5 67.4 101.0#
 85 2.4 43.8 65.8#
 99 3.0 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 0.220 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX010669.D
 Acq: 04 Jul 2019 05:54

Tgt Ion: 69 Resp: 828
 Ion Ratio Lower Upper
 69 100
 41 197.0 47.1 70.7#
 39 91.2 26.6 40.0#





#60

Dibromochloromethane

Concen: 13.784 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

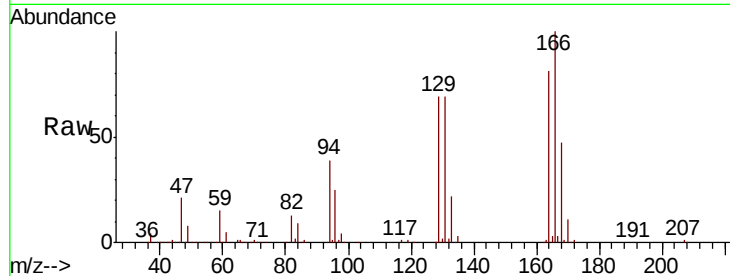
SS037MW266-190701

Tot Ion:129 Resp: 38289

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.1#

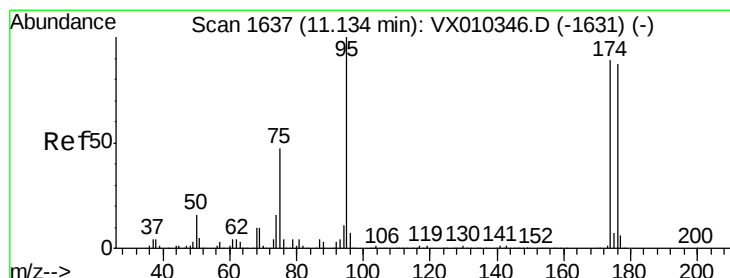
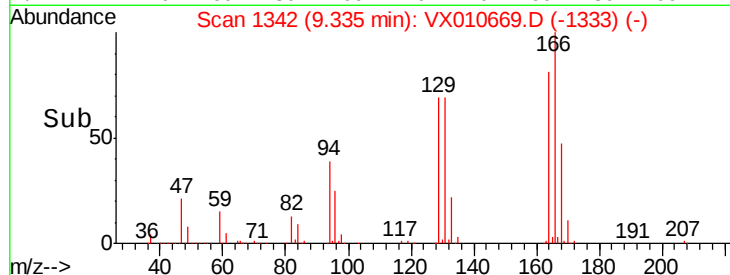


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

Time--> 9.25 9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 47.186 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

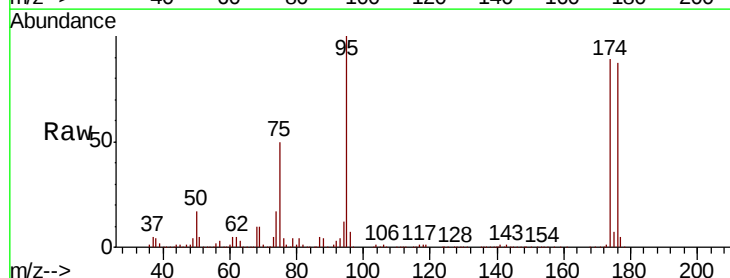
Tgt Ion: 95 Resp: 147125

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.6

176 91.7 0.0 184.0



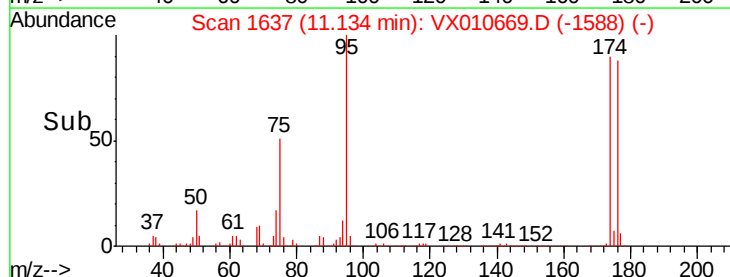
Abundance Ion 94.90 (94.60 to 95.60): VX0

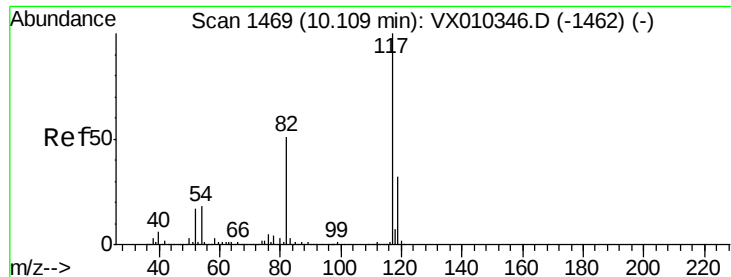
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time--> 11.10 11.15

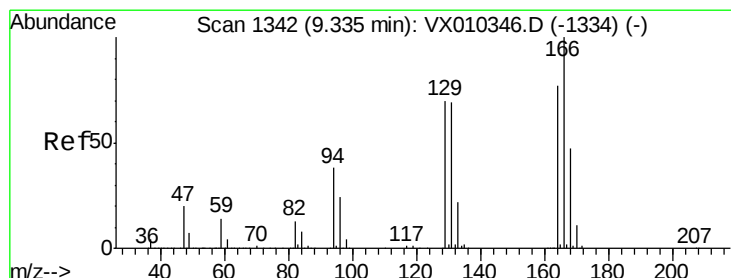
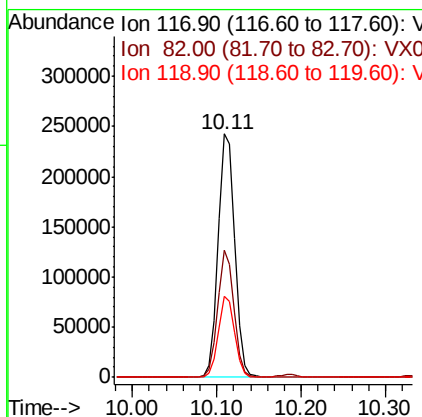
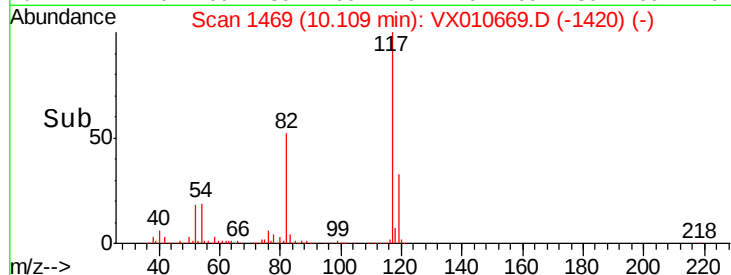
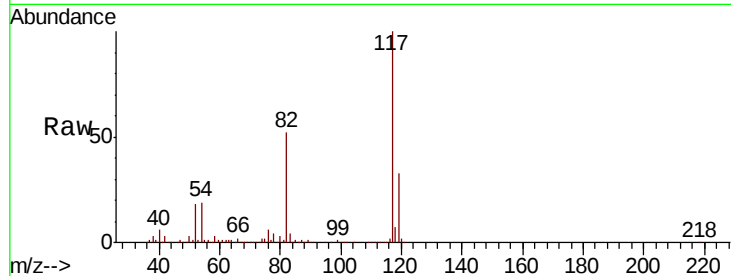




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

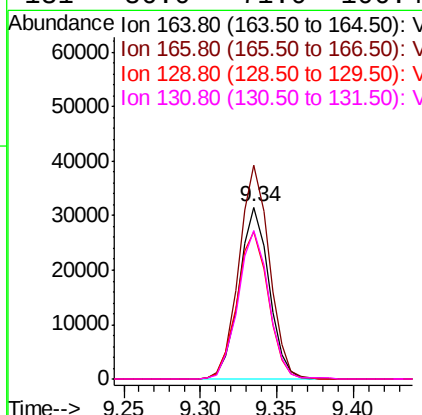
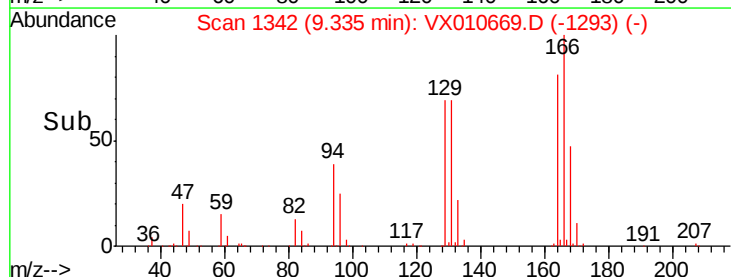
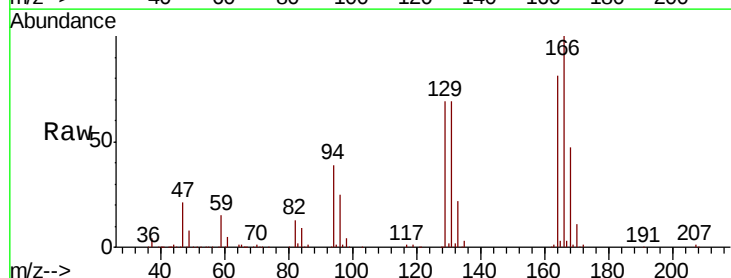
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

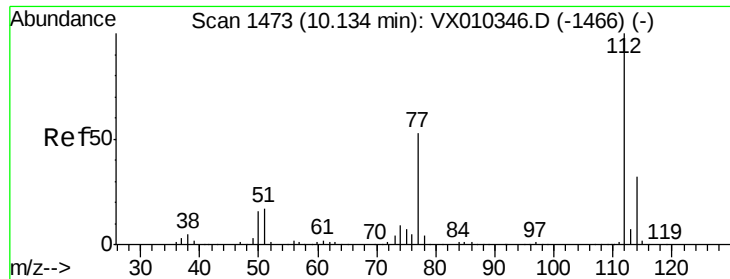
Tot Ion:117 Resp: 334045
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 15.907 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Tgt Ion:164 Resp: 42979
Ion Ratio Lower Upper
164 100
166 124.1 103.6 155.4
129 85.8 73.0 109.4
131 86.0 71.0 106.4

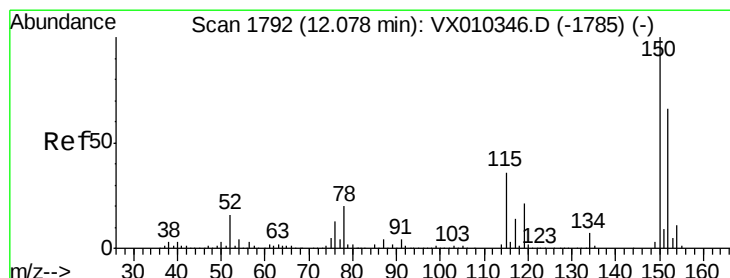
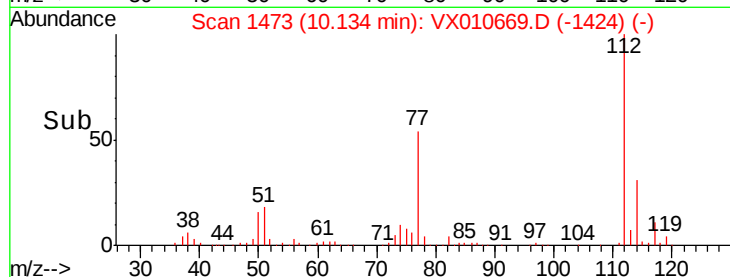
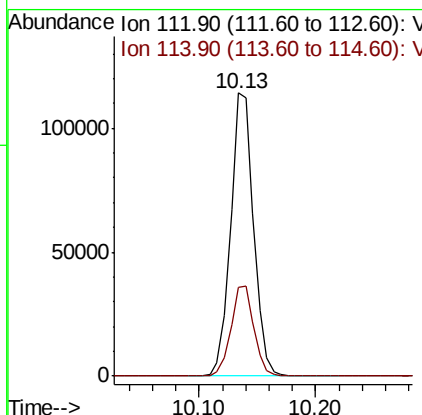
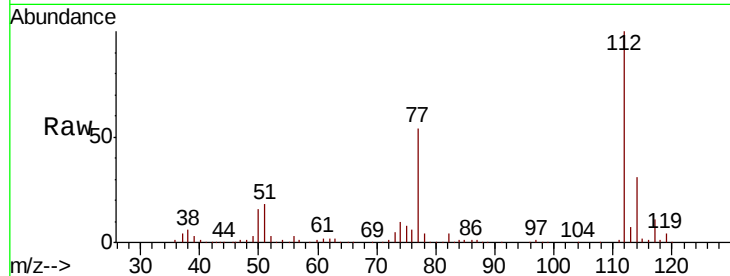




#65
Chlorobenzene
Concen: 23.141 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

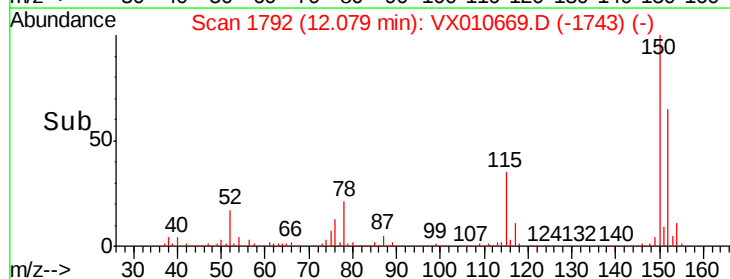
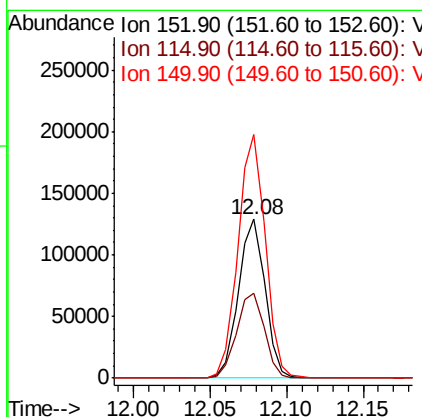
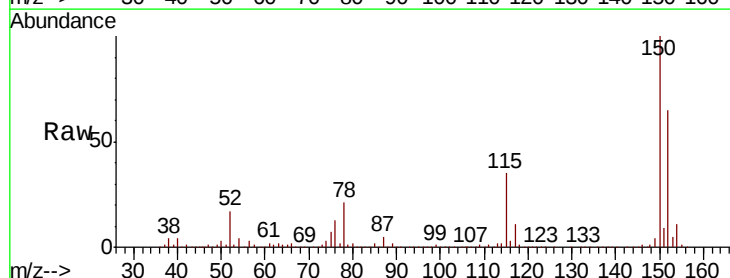
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

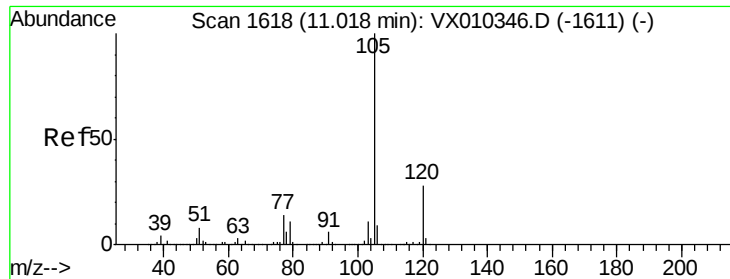
Tot Ion:112 Resp: 156935
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Tgt Ion:152 Resp: 155067
Ion Ratio Lower Upper
152 100
115 55.9 38.6 115.7
150 157.1 0.0 347.4





#73

Isopropylbenzene

Concen: 1.099 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

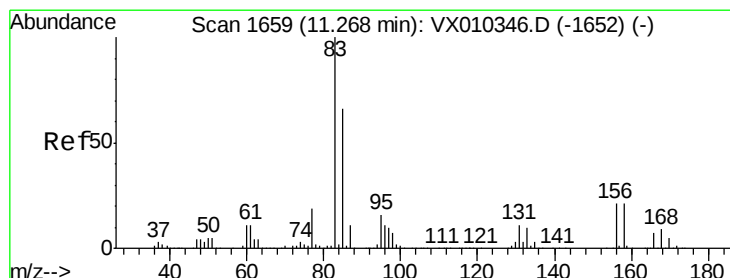
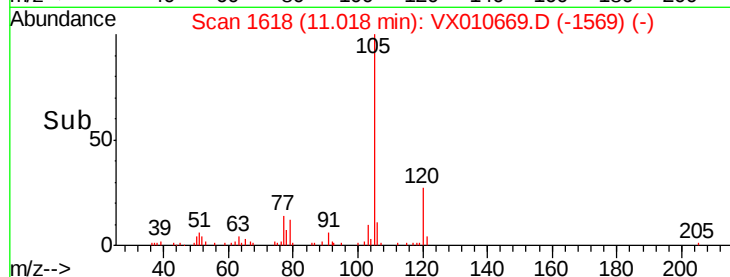
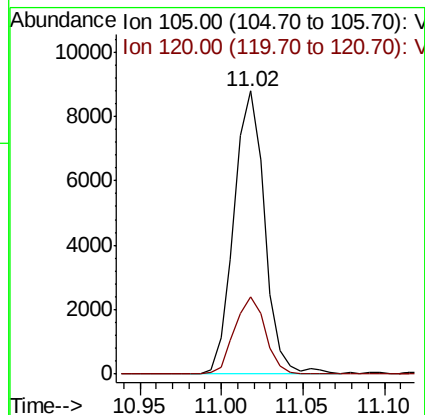
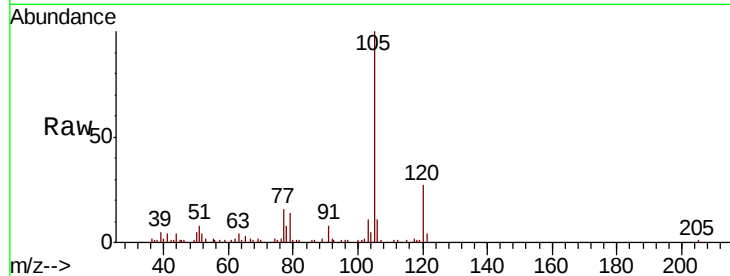
SS037MW266-190701

Tot Ion:105 Resp: 11551

Ion Ratio Lower Upper

105 100

120 27.2 14.1 42.4



#75

1,1,2,2-Tetrachloroethane

Concen: 0.538 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

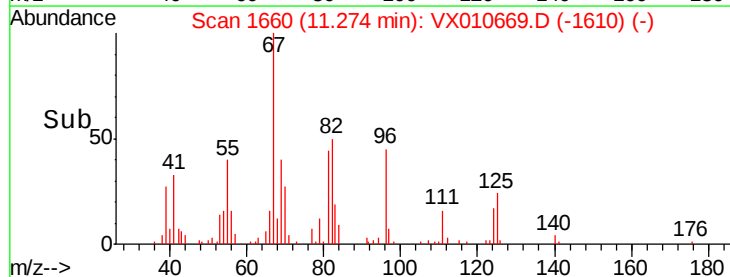
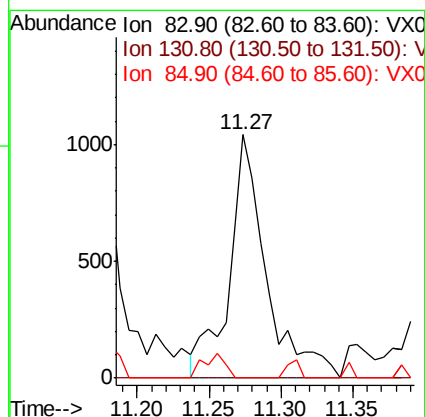
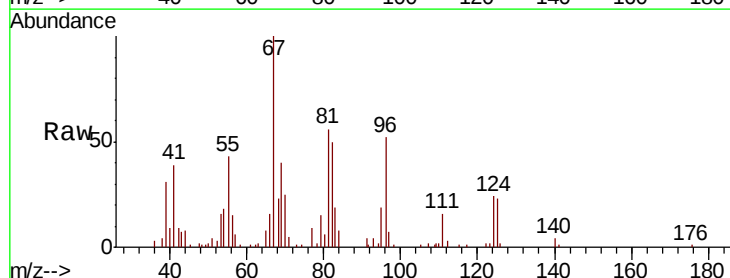
Tgt Ion: 83 Resp: 1873

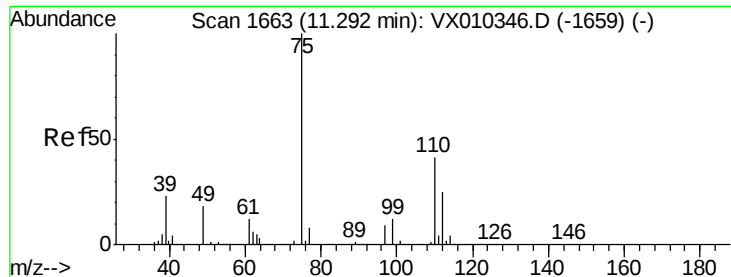
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 5.8 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 25.891 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

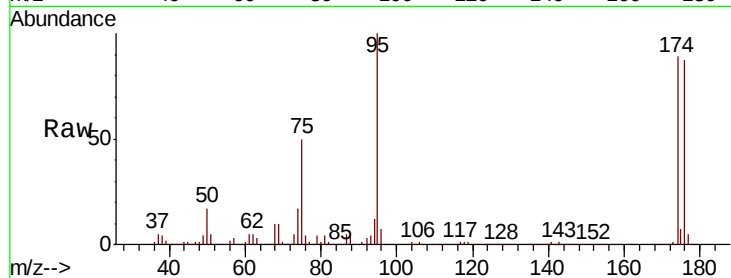
SS037MW266-190701

Tot Ion: 75 Resp: 73162

Ion Ratio Lower Upper

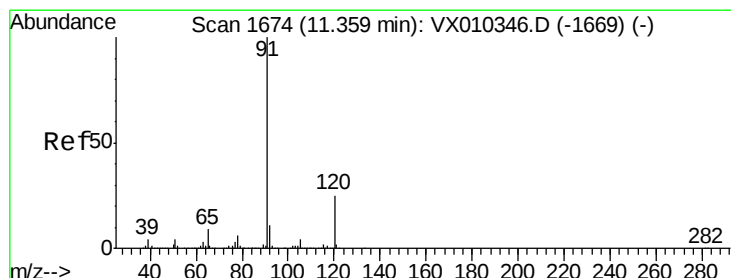
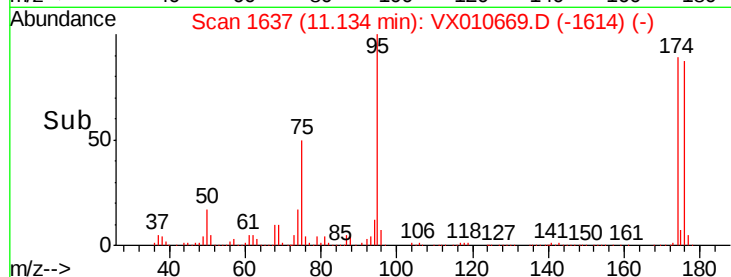
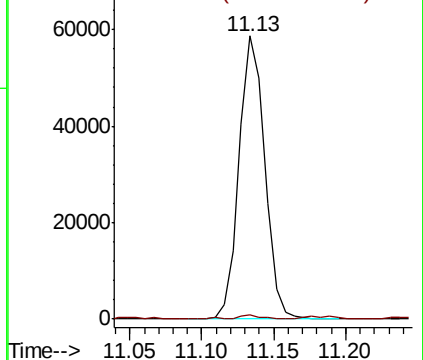
75 100

77 1.2 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.869 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010669.D

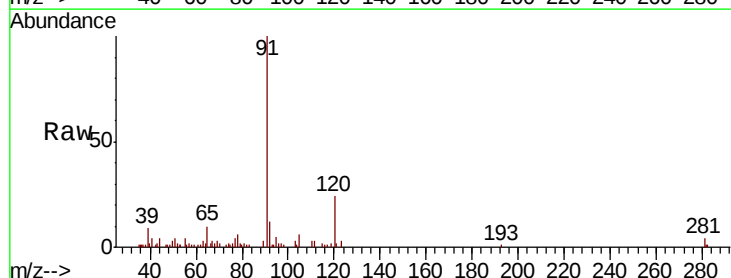
Acq: 04 Jul 2019 05:54

Tgt Ion: 91 Resp: 10044

Ion Ratio Lower Upper

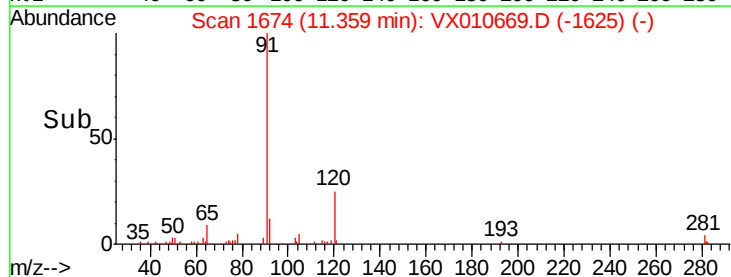
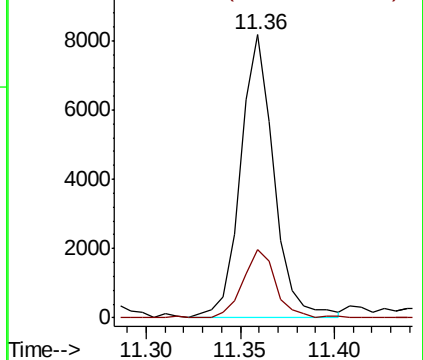
91 100

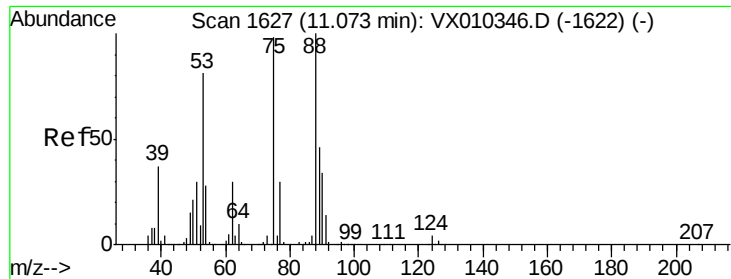
120 24.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

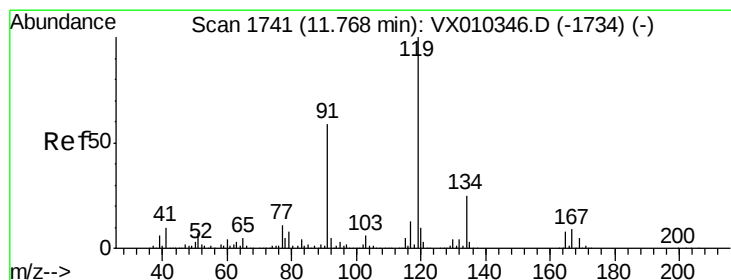
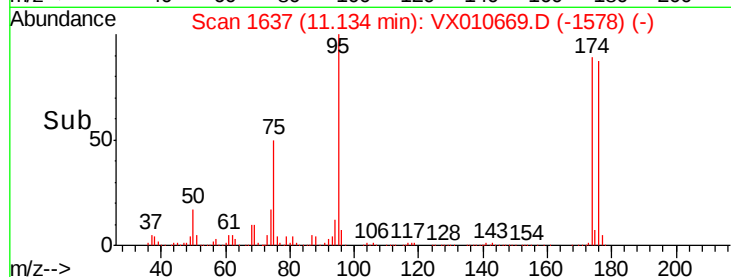
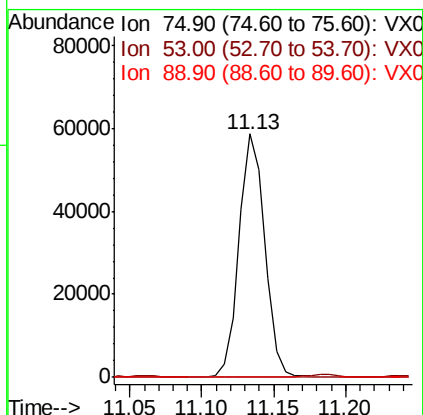
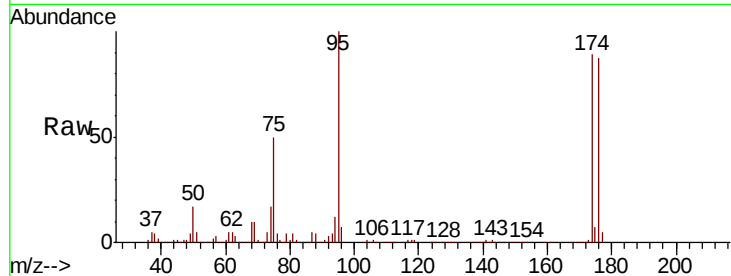




#81
trans-1,4-Dichloro-2-butene
Concen: 60.402 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

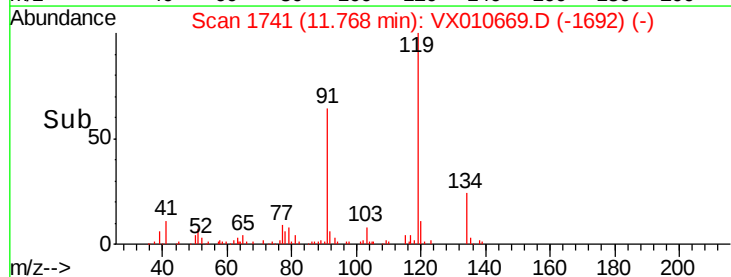
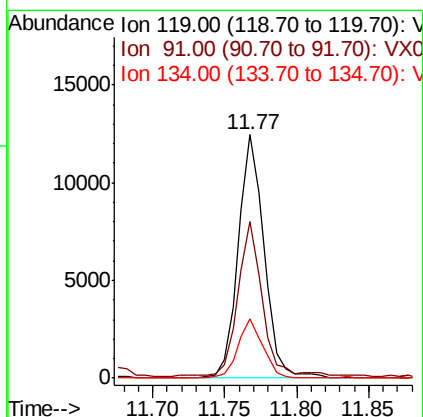
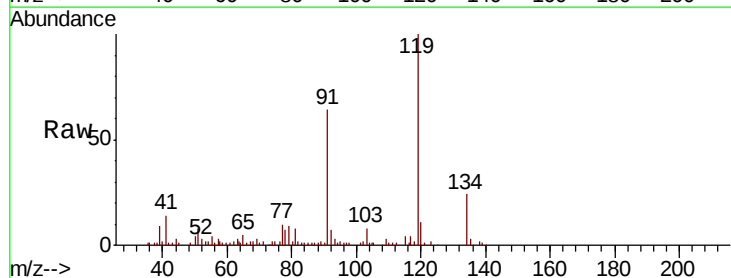
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

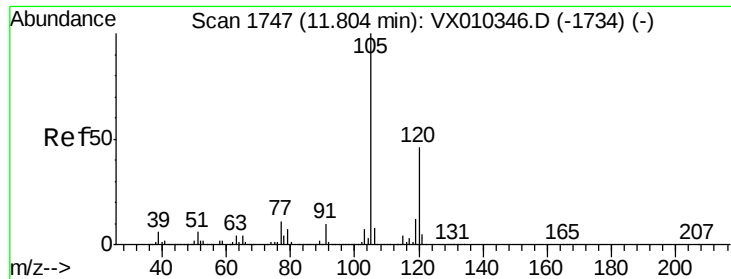
Tot Ion: 75 Resp: 73162
Ion Ratio Lower Upper
75 100
53 0.0 66.1 99.1#
89 0.1 37.8 56.6#



#83
tert-Butylbenzene
Concen: 1.794 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Tgt Ion: 119 Resp: 15599
Ion Ratio Lower Upper
119 100
91 61.2 27.6 82.7
134 23.2 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 0.234 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX010669.D

Acq: 04 Jul 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

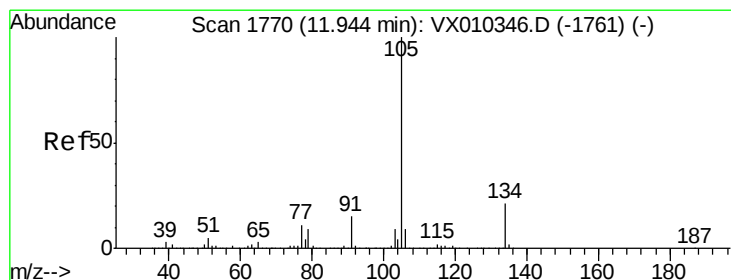
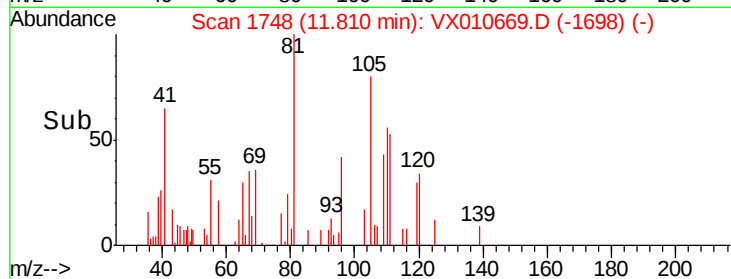
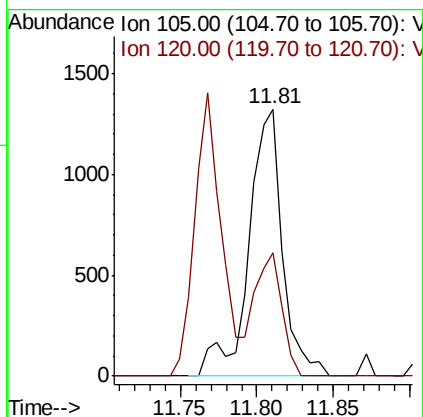
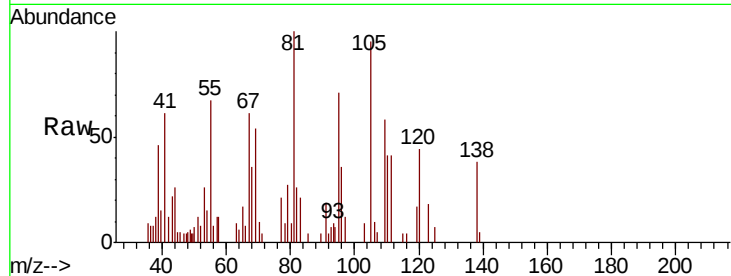
SS037MW266-190701

Tot Ion:105 Resp: 2040

Ion Ratio Lower Upper

105 100

120 36.1 23.1 69.2



#85

sec-Butylbenzene

Concen: 1.935 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010669.D

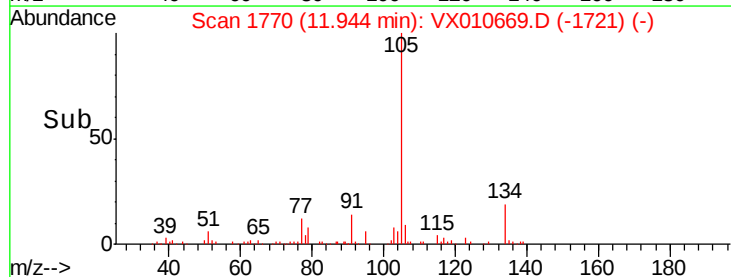
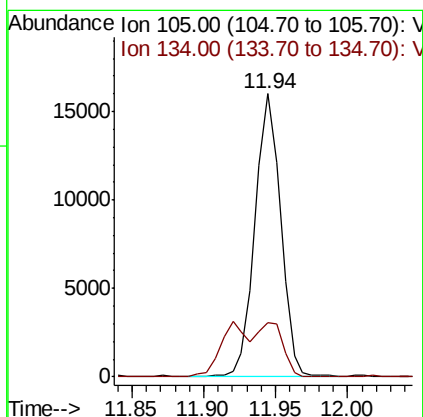
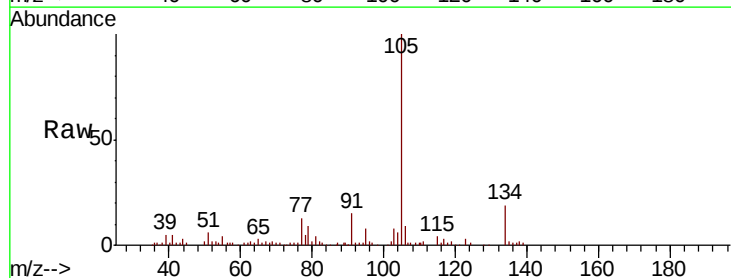
Acq: 04 Jul 2019 05:54

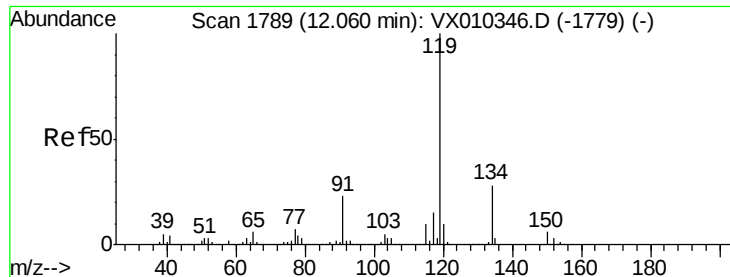
Tgt Ion:105 Resp: 19760

Ion Ratio Lower Upper

105 100

134 19.0 10.7 31.9

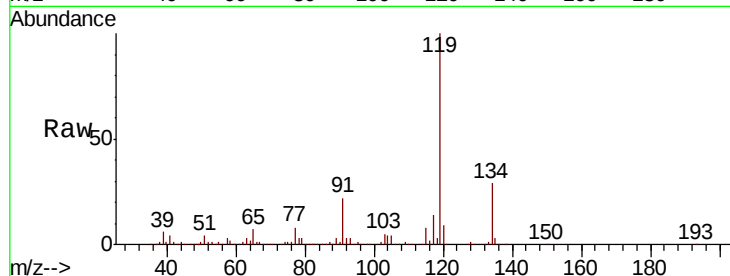




#86
p-Isopropyltoluene
Concen: 5.364 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.7	41.1
91	23.1	11.3	33.8

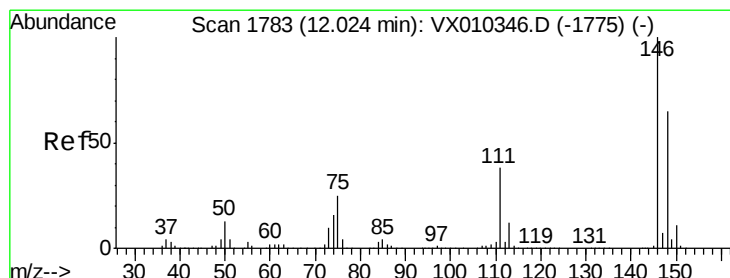
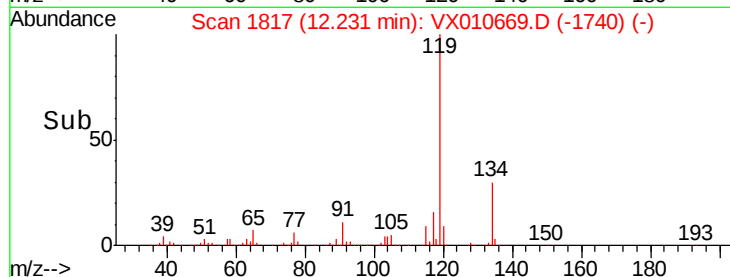
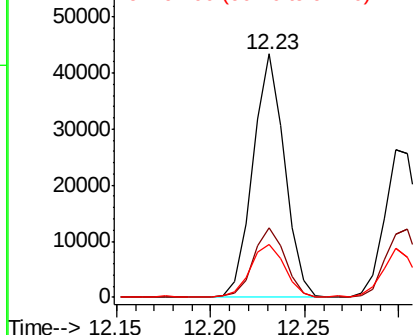


Abundance

Ion 119.00 (118.70 to 119.70): V

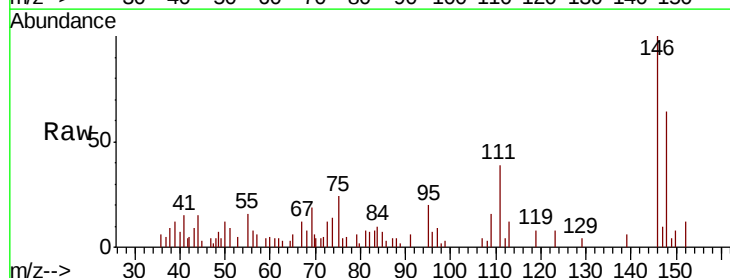
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87
1,3-Dichlorobenzene
Concen: 0.485 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.9	19.1	57.1
148	63.9	32.5	97.4

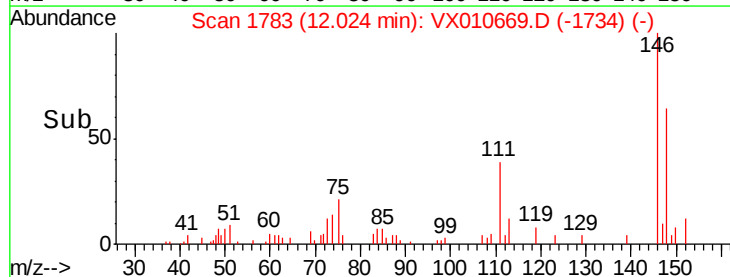
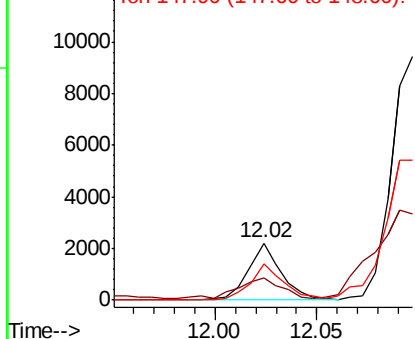


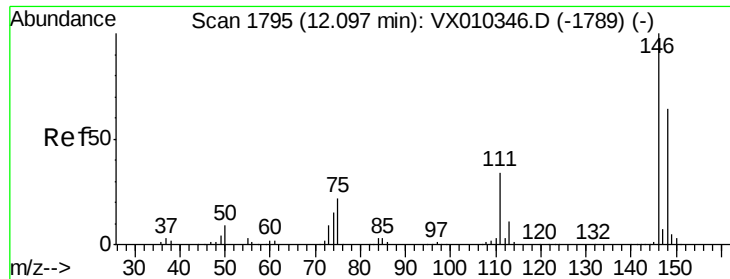
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

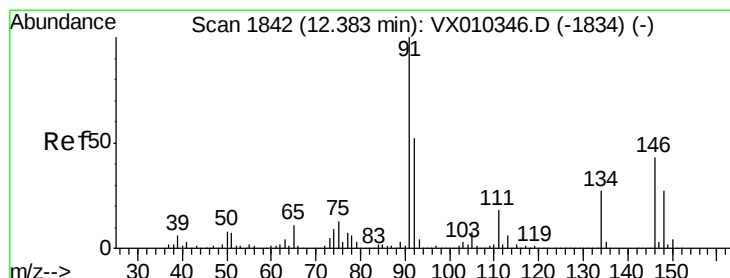
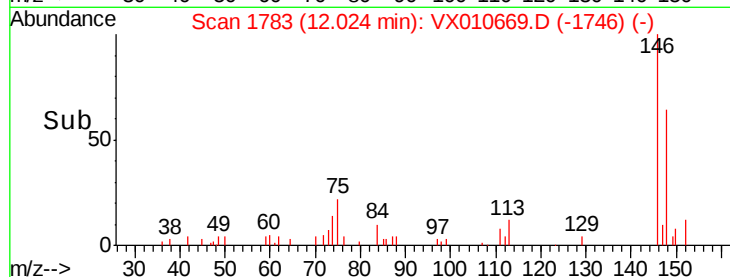
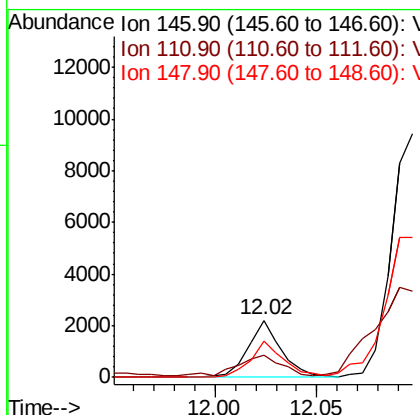
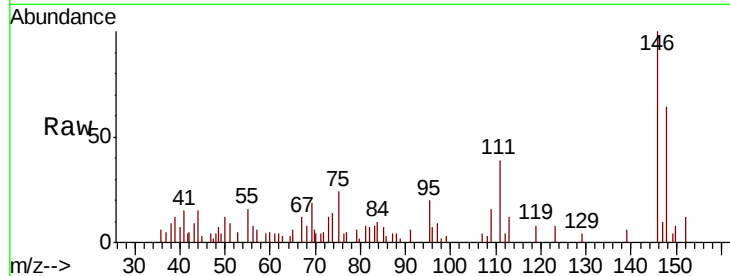




#88
 1,4-Dichlorobenzene
 Concen: 0.476 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX010669.D
 Acq: 04 Jul 2019 05:54

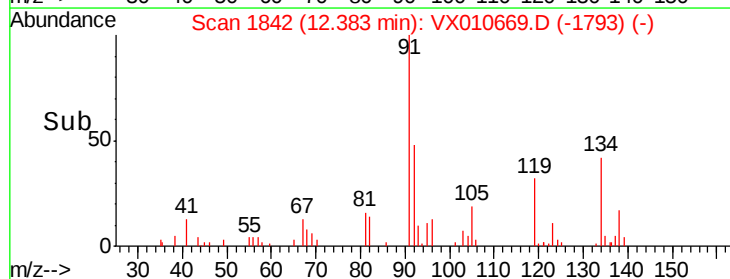
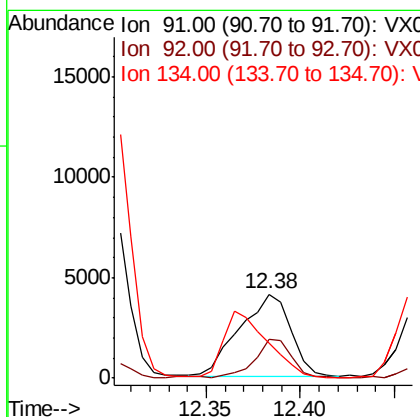
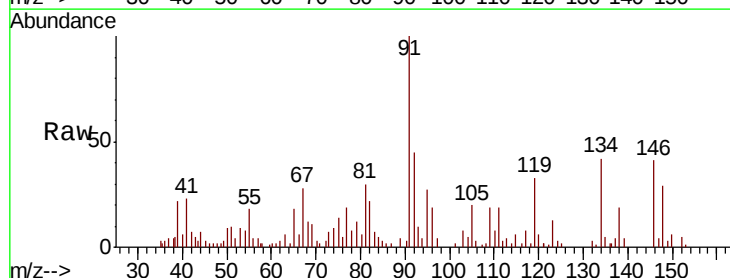
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

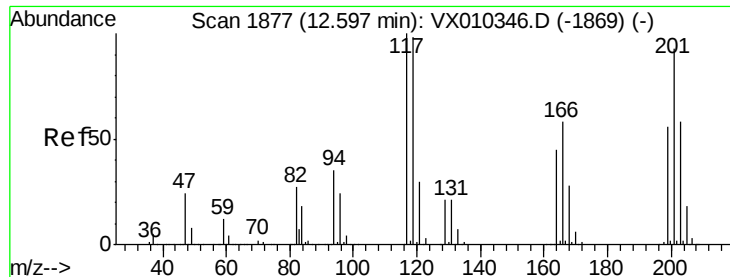
Tot Ion:146 Resp: 2485
 Ion Ratio Lower Upper
 146 100
 111 52.8 18.1 54.3
 148 63.9 32.1 96.3



#89
 n-Butylbenzene
 Concen: 0.965 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010669.D
 Acq: 04 Jul 2019 05:54

Tgt Ion: 91 Resp: 7744
 Ion Ratio Lower Upper
 91 100
 92 34.8 26.2 78.5
 134 70.2 14.1 42.4#

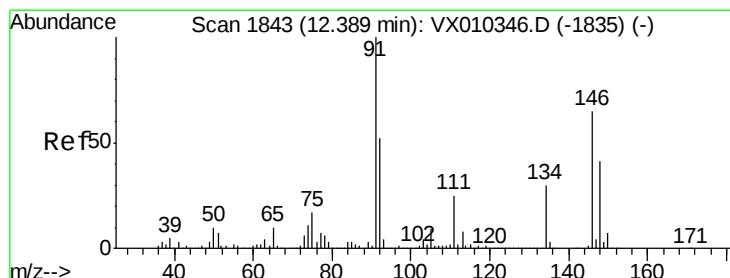
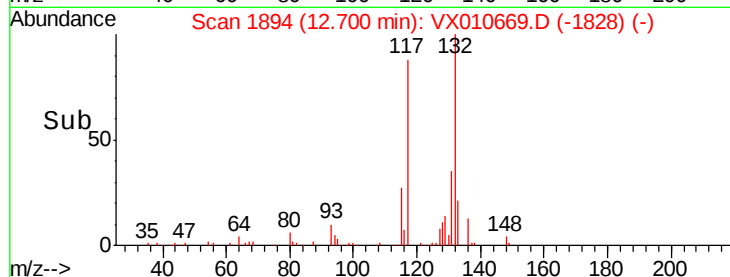
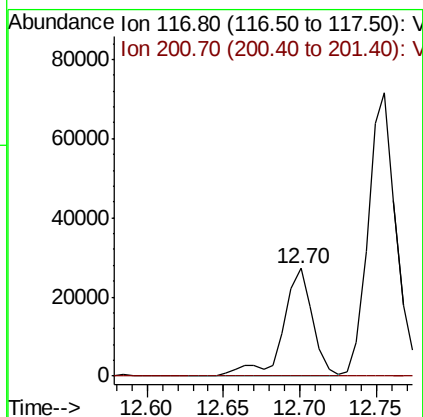
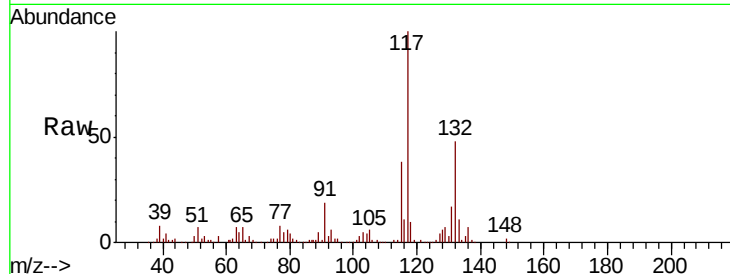




#90
Hexachloroethane
Concen: 21.910 ug/l
RT: 12.70 min Scan# 1894
Delta R.T. 0.10 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

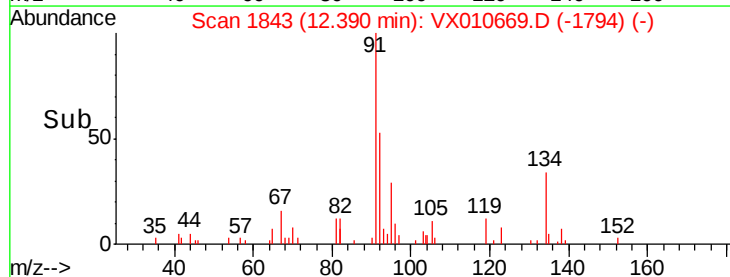
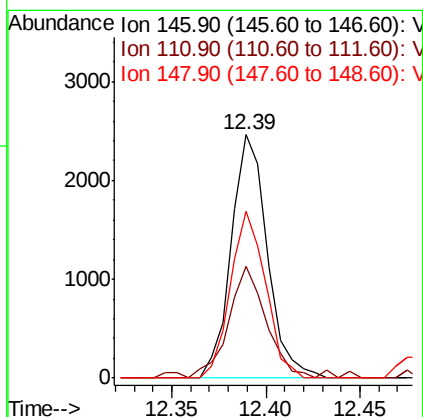
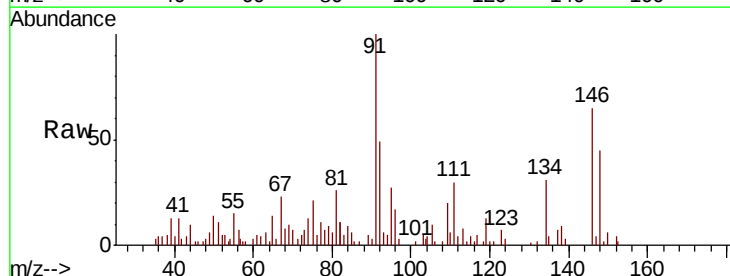
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

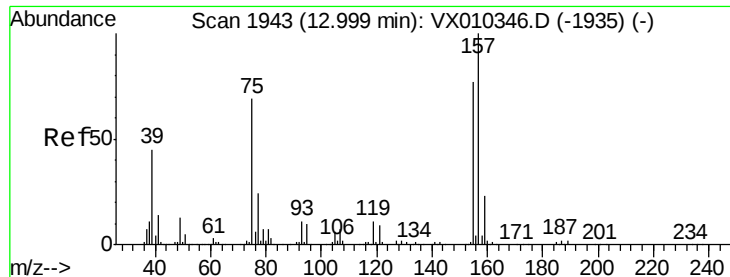
Tot Ion:117 Resp: 35786
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#



#91
1,2-Dichlorobenzene
Concen: 0.642 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010669.D
Acq: 04 Jul 2019 05:54

Tgt Ion:146 Resp: 3270
Ion Ratio Lower Upper
146 100
111 48.9 19.2 57.6
148 66.5 32.0 96.0

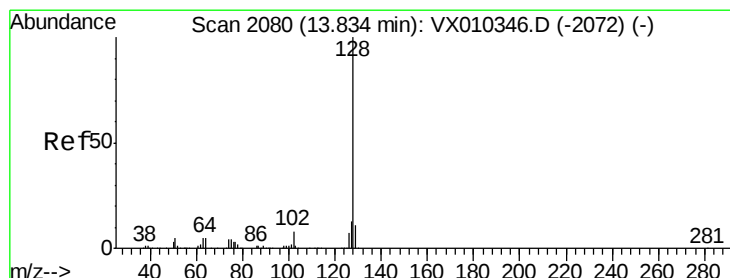
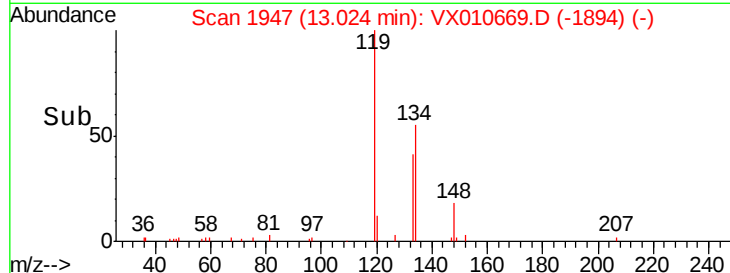
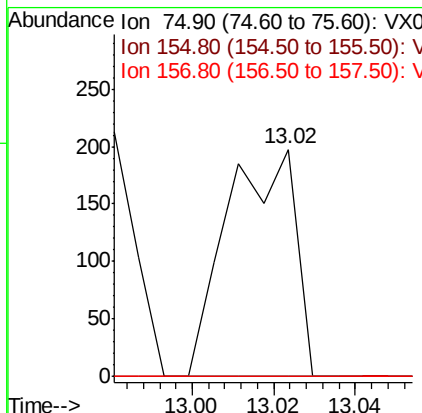
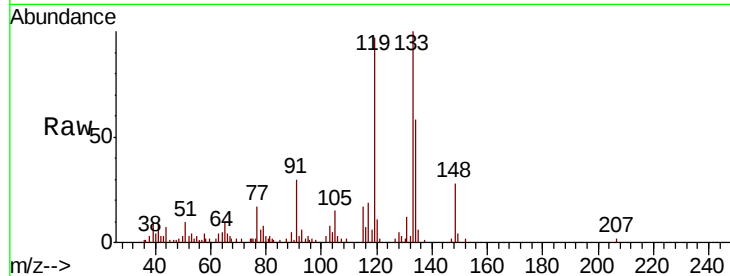




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.308 ug/l
 RT: 13.02 min Scan# 1947
 Delta R.T. 0.02 min
 Lab File: VX010669.D
 Acq: 04 Jul 2019 05:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

Tot Ion: 75 Resp: 231
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#



#95
 Naphthalene
 Concen: 0.437 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010669.D
 Acq: 04 Jul 2019 05:54

Tgt Ion: 128 Resp: 4746
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.2 15.4
 129 15.1 8.9 13.3#

