

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070819\
 Data File : VX010691.D
 Acq On : 08 Jul 2019 13:29
 Operator : JC/SP
 Sample : K3669-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

Quant Time: Jul 09 01:07:26 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	5.66	168	239226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	338706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162045	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	119352	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
35) Dibromofluoromethane	5.50	113	114494	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
50) Toluene-d8	8.71	98	441986	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	152080	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	822	0.424	ug/l #	64
4) Vinyl Chloride	1.41	62	1727	0.814	ug/l	89
5) Bromomethane	1.65	94	671	0.649	ug/l #	61
6) Chloroethane	1.72	64	1900	1.518	ug/l #	51
9) 1,1,2-Trichlorotrifluoroet	2.39	101	600	0.294	ug/l	86
10) Methyl Iodide	2.53	142	677	0.233	ug/l	94
11) Tert butyl alcohol	3.03	59	829	1.412	ug/l #	74
12) 1,1-Dichloroethene	2.38	96	590	0.285	ug/l	85
13) Acrolein	2.29	56	278	0.714	ug/l #	68
14) Allyl chloride	2.61	41	1155	0.392	ug/l #	52
16) Acetone	2.45	43	3408	3.032	ug/l	99
18) Methyl Acetate	2.84	43	19899	8.882	ug/l #	49
20) Methylene Chloride	2.85	84	716	0.310	ug/l #	65
27) cis-1,2-Dichloroethene	4.60	96	29767	11.551	ug/l	90
29) Tetrahydrofuran	5.15	42	229	0.224	ug/l #	28
31) Cyclohexane	5.58	56	26272	8.109	ug/l	94
36) 1,1-Dichloropropene	5.66	75	15477	5.276	ug/l #	47
38) Carbon Tetrachloride	5.66	117	22250	7.005	ug/l #	15
39) Methylcyclohexane	7.46	83	20510	5.319	ug/l	94
40) Benzene	6.14	78	4414	0.483	ug/l #	89
44) Trichloroethene	7.21	130	29571	10.814	ug/l	96
48) Methyl methacrylate	7.73	41	889	0.383	ug/l #	2
49) 1,4-Dioxane	7.81	88	46	0.688	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	3248	1.309	ug/l #	23
56) Ethyl methacrylate	9.16	69	806	0.214	ug/l #	1
60) Dibromochloromethane	9.34	129	38604	13.891	ug/l #	11
64) Tetrachloroethene	9.34	164	42453	15.496	ug/l	97
65) Chlorobenzene	10.14	112	143604	20.884	ug/l	98
73) Isopropylbenzene	11.02	105	10839	0.987	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.28	83	1749	0.481	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	74216	25.133	ug/l #	33
78) n-propylbenzene	11.36	91	9128	0.756	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	74216	58.634	ug/l #	16
83) tert-Butylbenzene	11.77	119	13533	1.489	ug/l	83

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

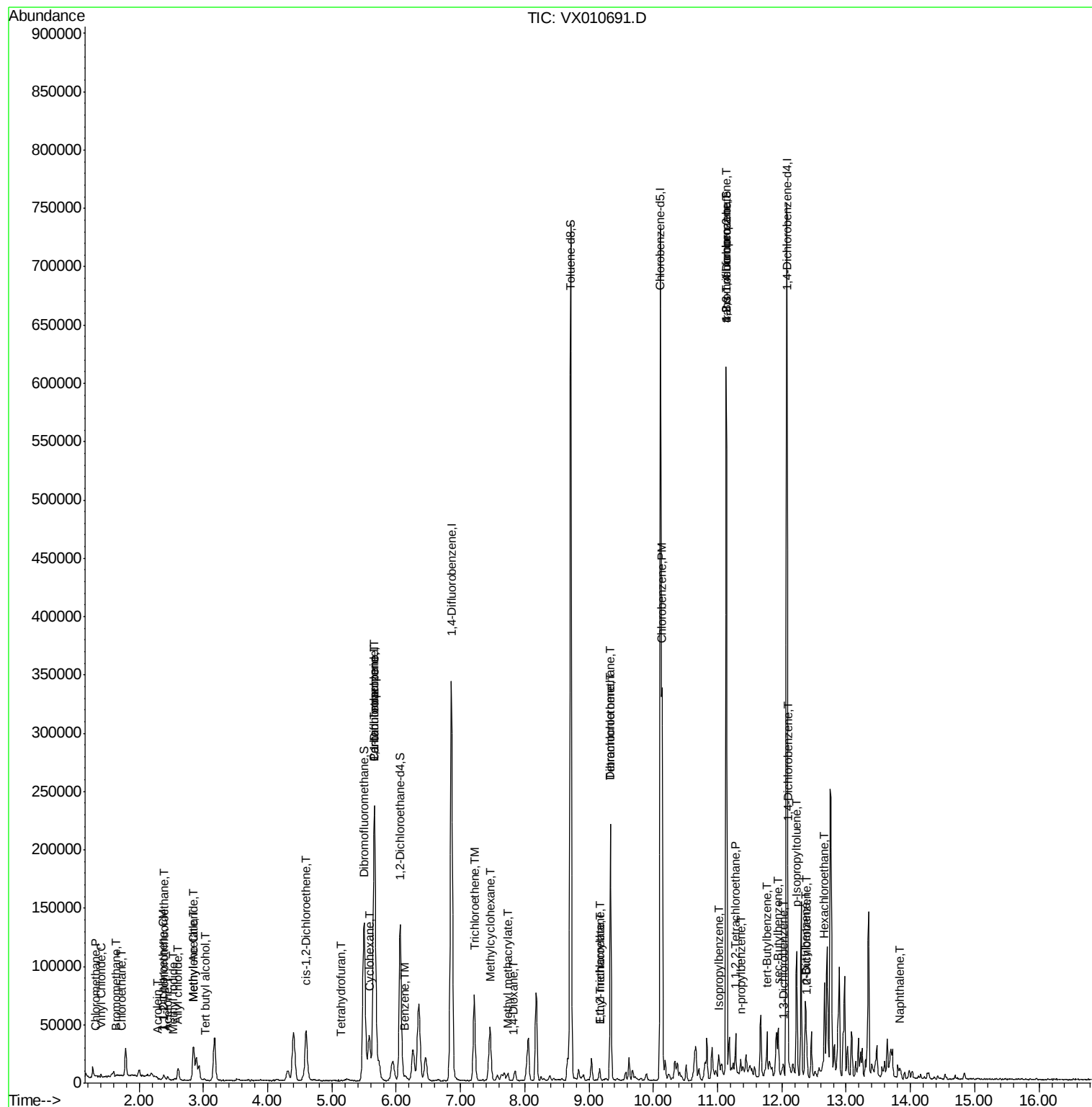
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	17907	1.678	ug/l	96
86) p-Isopropyltoluene	12.23	119	46204	4.681	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	2430	0.454	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	11525	2.114	ug/l	87
89) n-Butylbenzene	12.38	91	7493	0.893	ug/l #	57
90) Hexachloroethane	12.66	117	3405	1.995	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	3175	0.597	ug/l	92
95) Naphthalene	13.83	128	4729	0.417	ug/l #	92

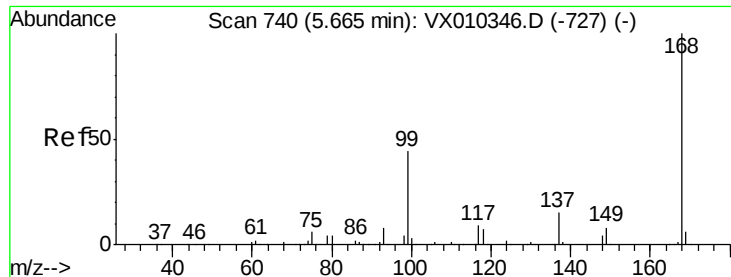
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

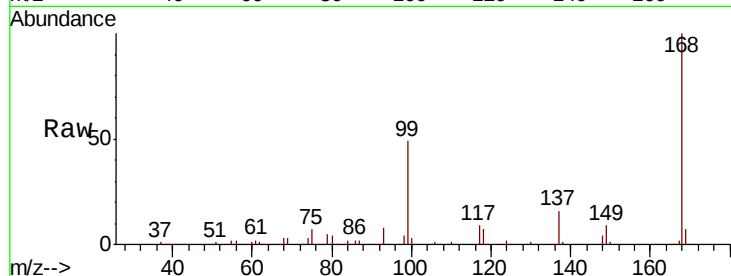
SS037MW266-190701

Tot Ion:168 Resp: 239226

Ion Ratio Lower Upper

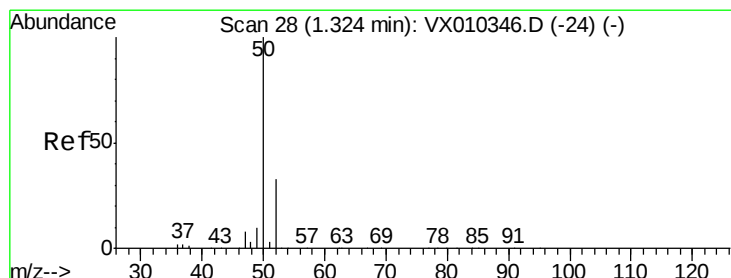
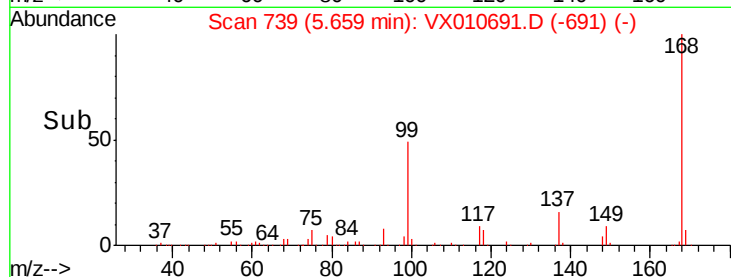
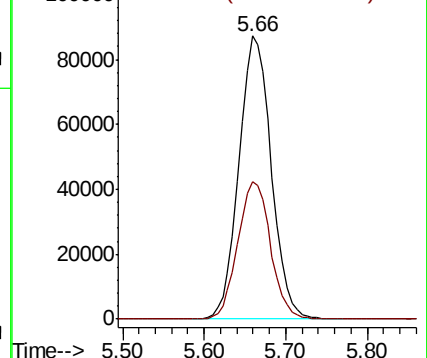
168 100

99 48.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.424 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010691.D

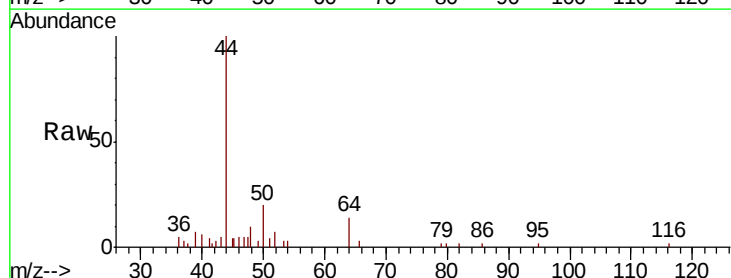
Acq: 08 Jul 2019 13:29

Tgt Ion: 50 Resp: 822

Ion Ratio Lower Upper

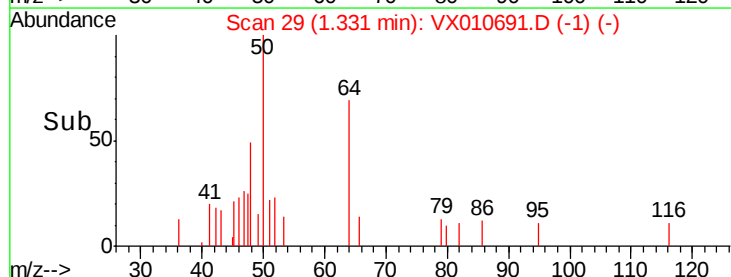
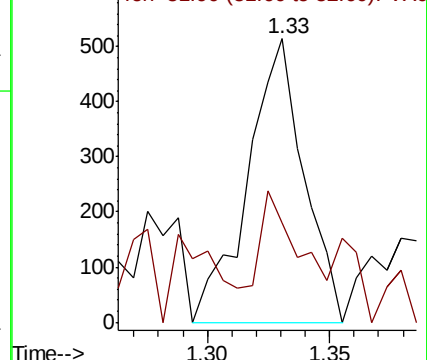
50 100

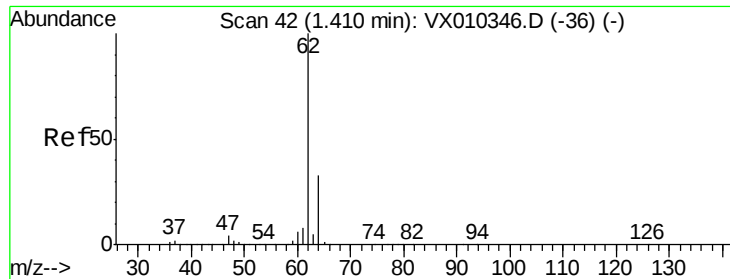
52 12.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.814 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

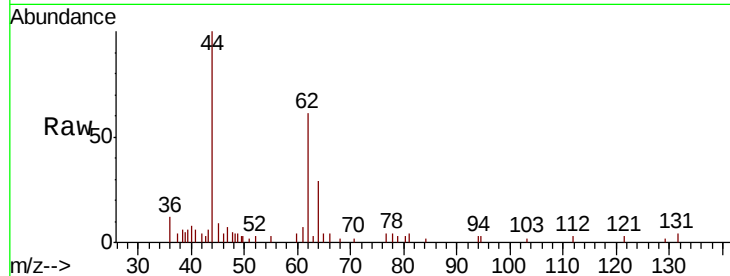
SS037MW266-190701

Tot Ion: 62 Resp: 1727

Ion Ratio Lower Upper

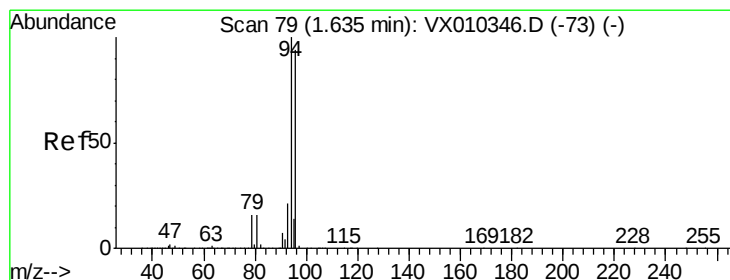
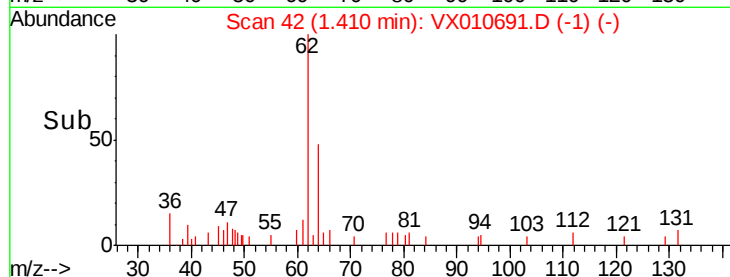
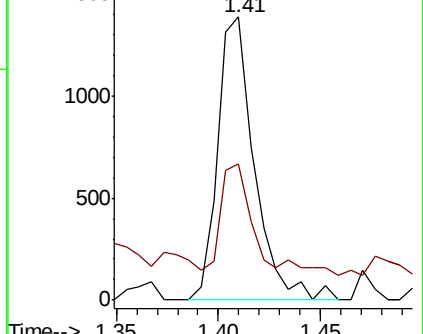
62 100

64 38.9 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.649 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010691.D

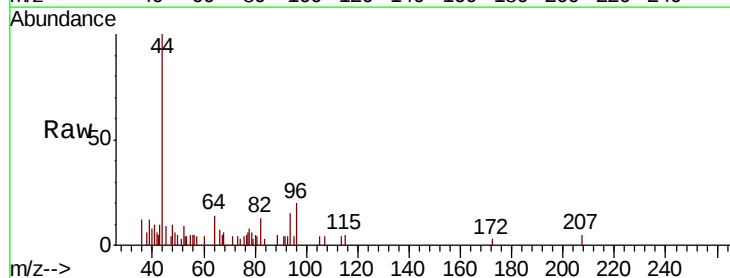
Acq: 08 Jul 2019 13:29

Tgt Ion: 94 Resp: 671

Ion Ratio Lower Upper

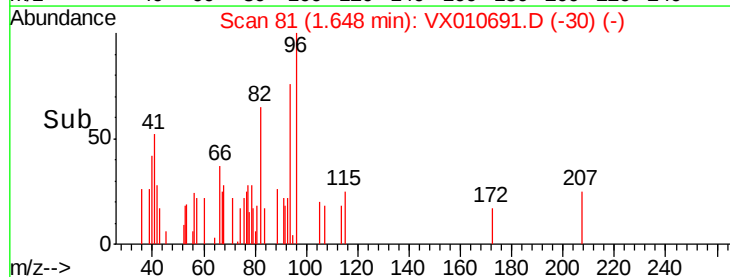
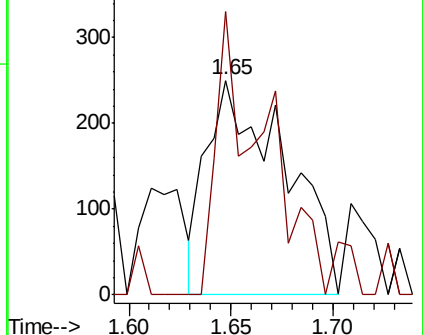
94 100

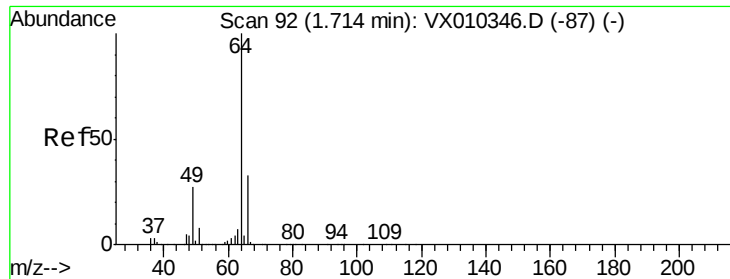
96 132.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.518 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

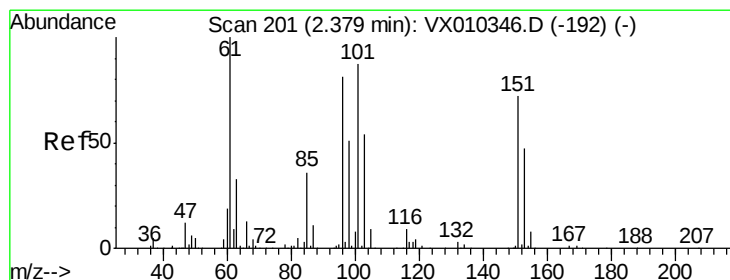
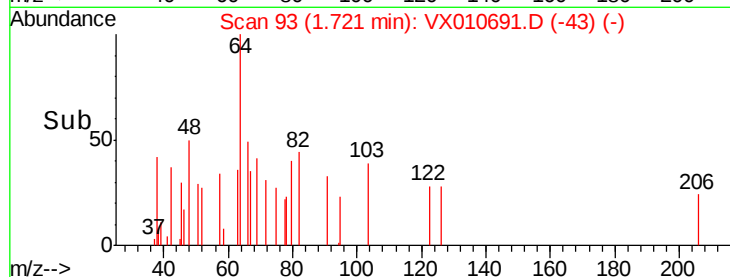
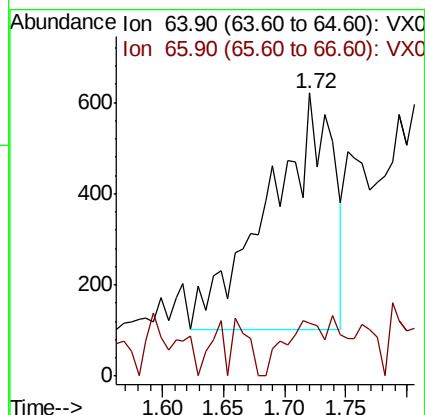
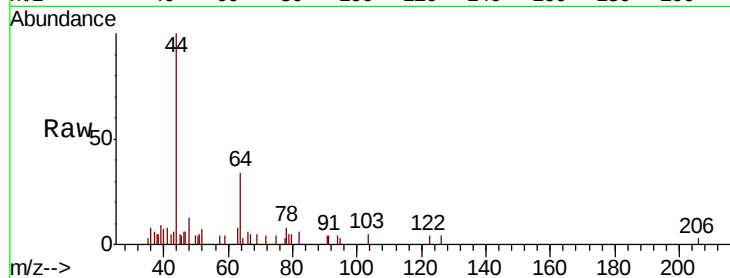
SS037MW266-190701

Tot Ion: 64 Resp: 1900

Ion Ratio Lower Upper

64 100

66 5.4 26.6 40.0#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.294 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

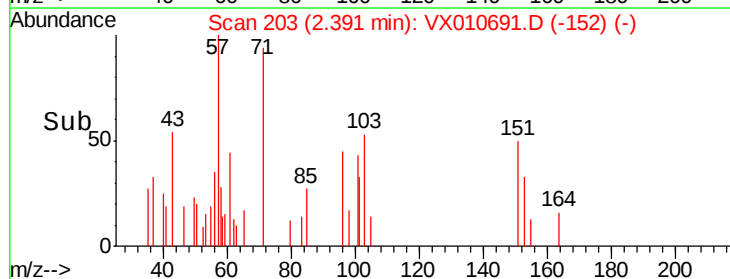
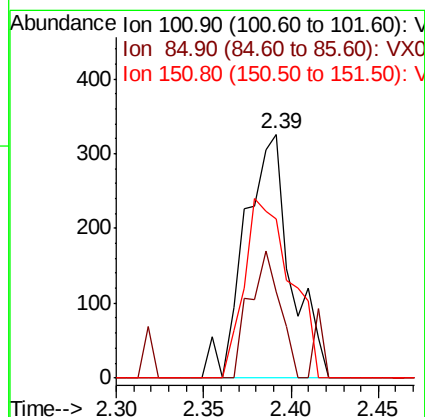
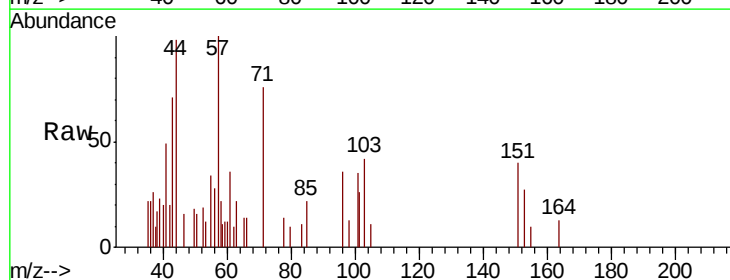
Tgt Ion: 101 Resp: 600

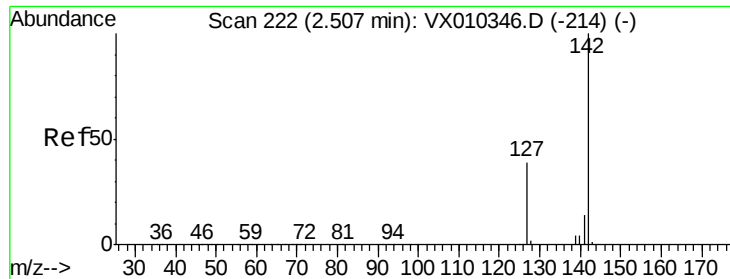
Ion Ratio Lower Upper

101 100

85 34.3 33.7 50.5

151 74.0 70.1 105.1

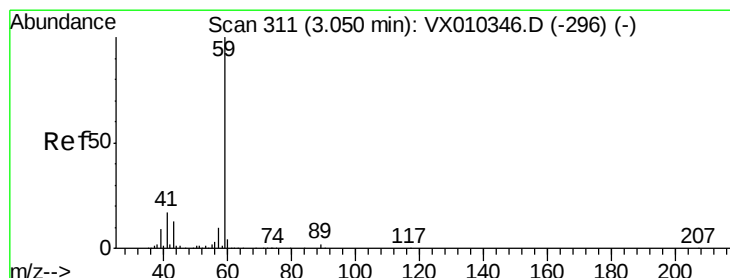
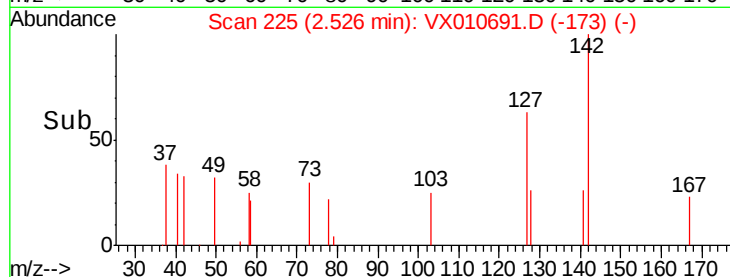
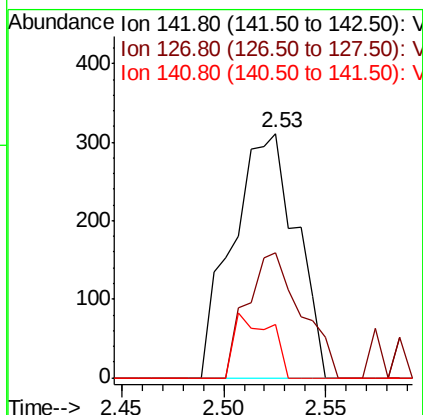
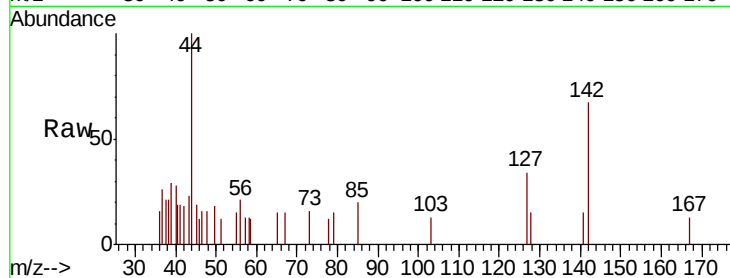




#10
Methyl Iodide
Concen: 0.233 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

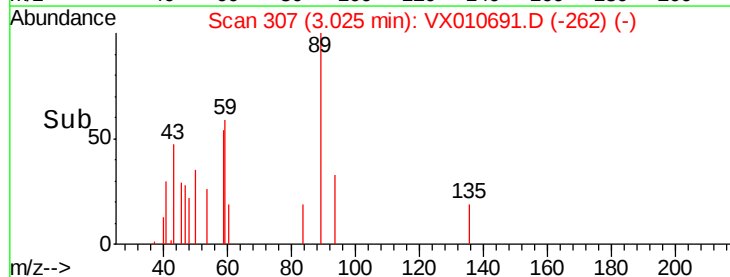
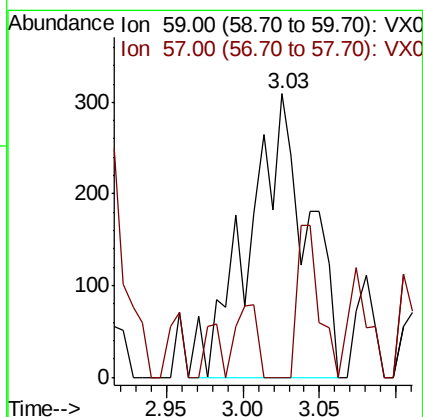
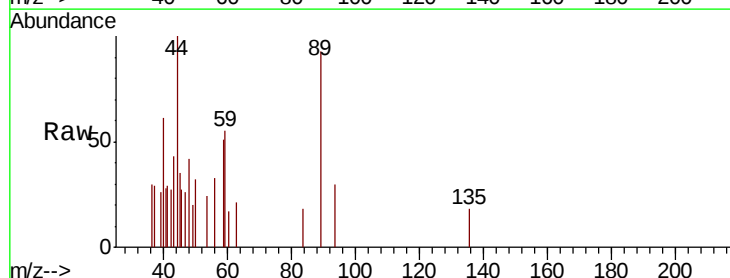
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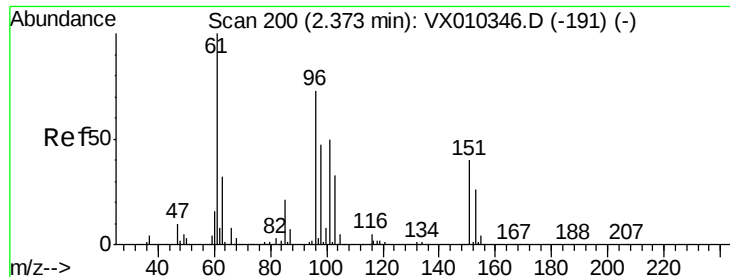
Tot Ion:142 Resp: 677
Ion Ratio Lower Upper
142 100
127 43.7 31.1 46.7
141 14.8 11.2 16.8



#11
Tert butyl alcohol
Concen: 1.412 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion: 59 Resp: 829
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#12

1,1-Dichloroethene

Concen: 0.285 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

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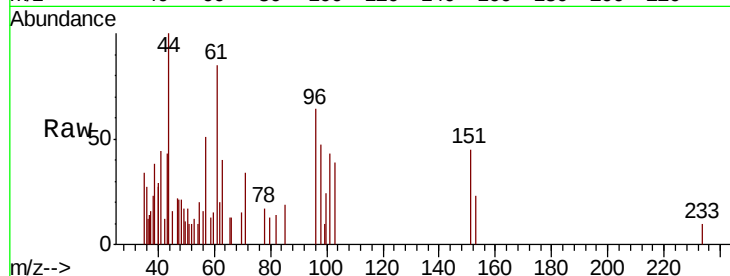
Tot Ion: 96 Resp: 590

Ion Ratio Lower Upper

96 100

61 116.6 109.2 163.8

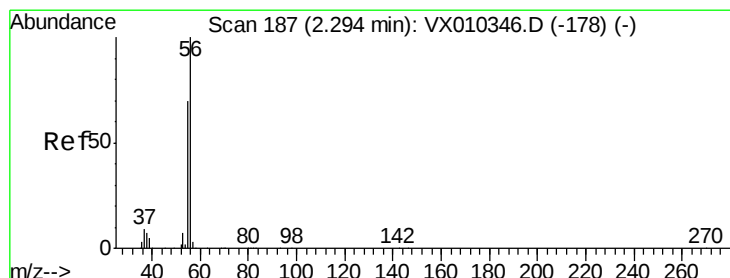
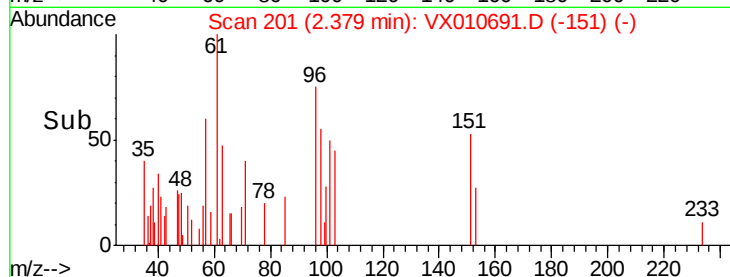
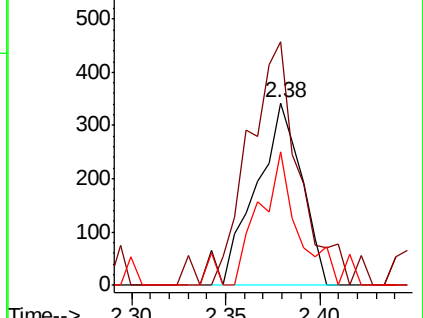
98 73.2 51.1 76.7



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



#13

Acrolein

Concen: 0.714 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010691.D

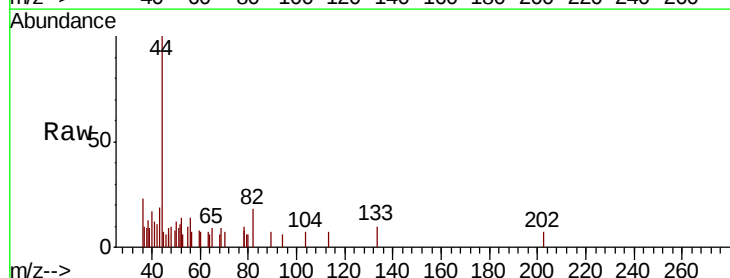
Acq: 08 Jul 2019 13:29

Tgt Ion: 56 Resp: 278

Ion Ratio Lower Upper

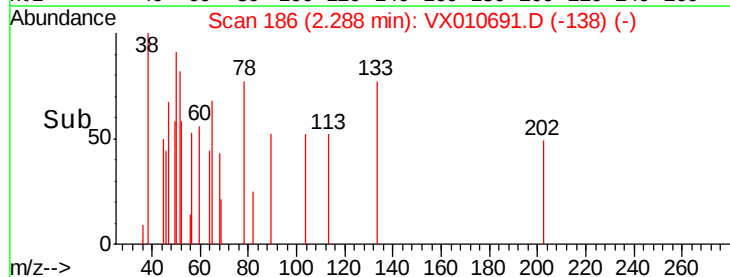
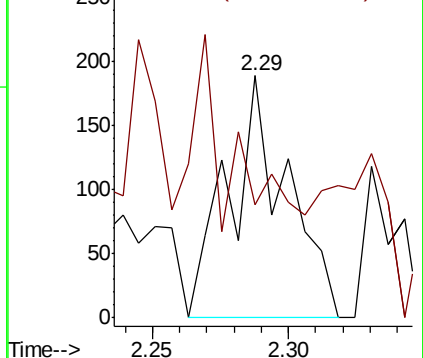
56 100

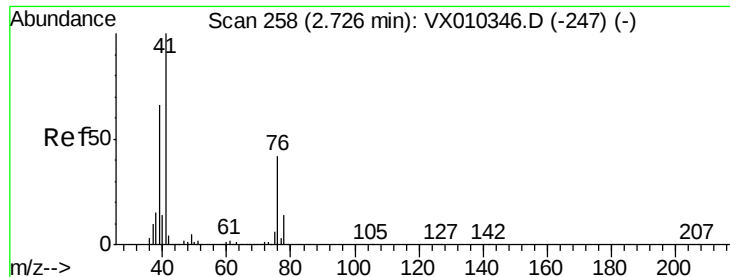
55 45.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

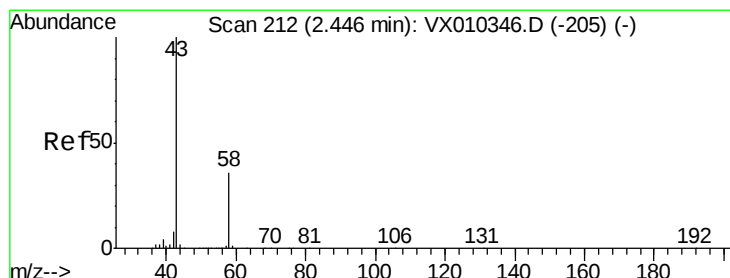
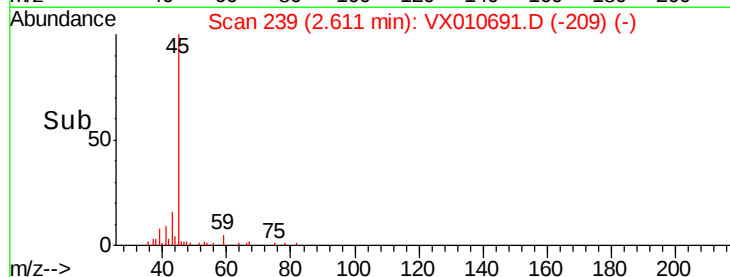
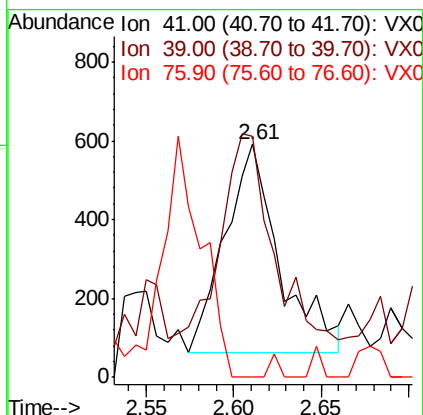
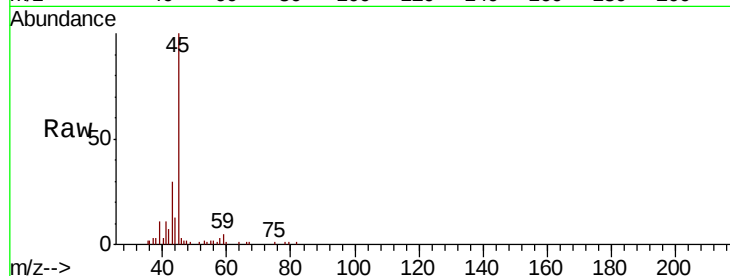




#14
Allvl chloride
Concen: 0.392 ug/l
RT: 2.61 min Scan# 239
Delta R.T. -0.12 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

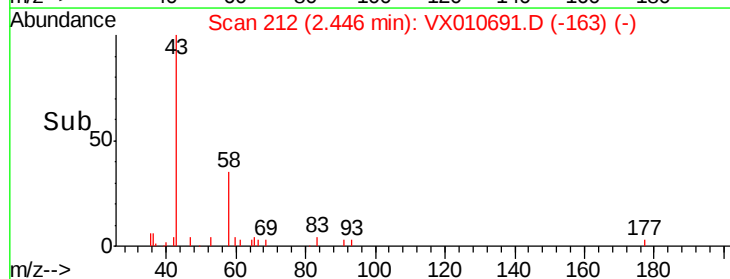
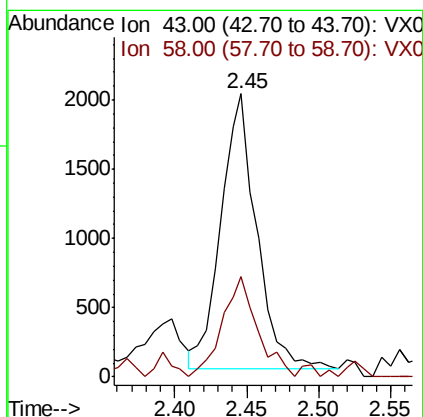
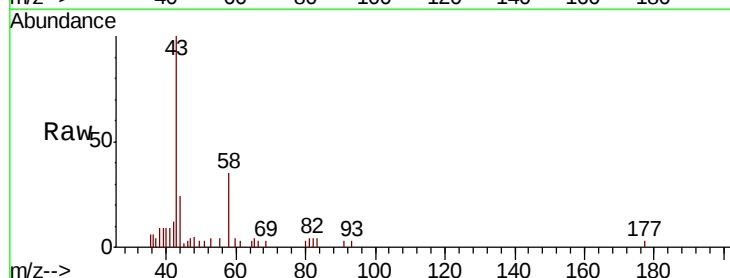
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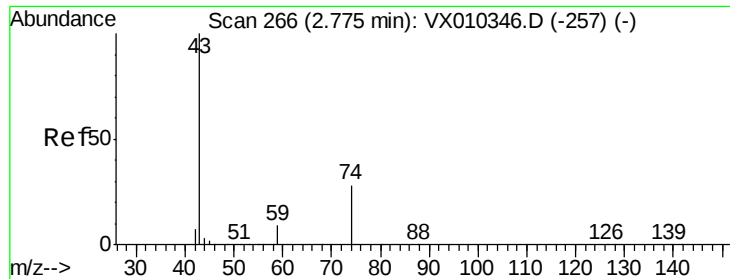
Tot Ion: 41 Resp: 1155
Ion Ratio Lower Upper
41 100
39 92.5 50.3 75.5#
76 0.0 31.3 46.9#



#16
Acetone
Concen: 3.032 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion: 43 Resp: 3408
Ion Ratio Lower Upper
43 100
58 36.5 28.9 43.3

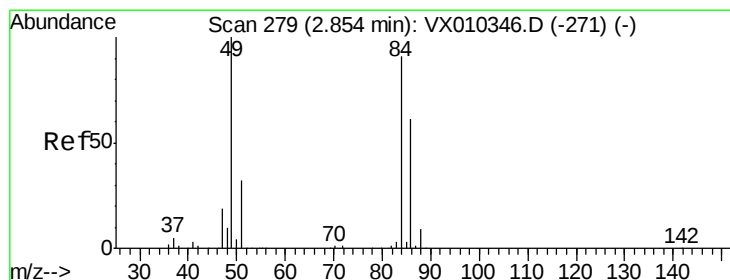
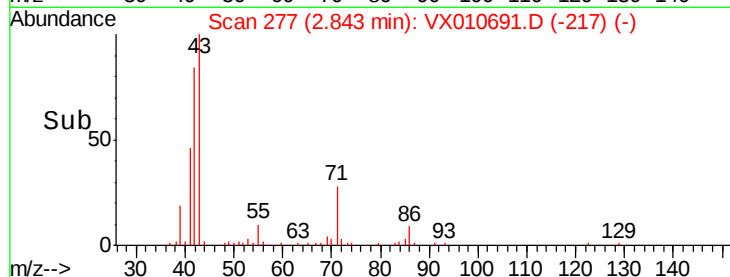
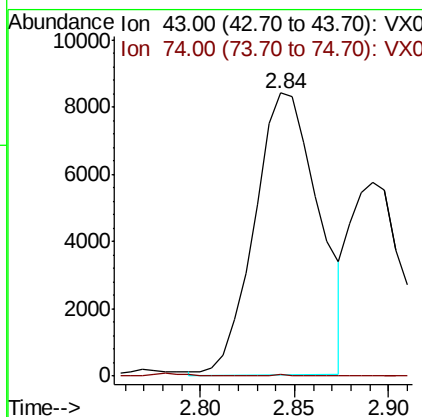
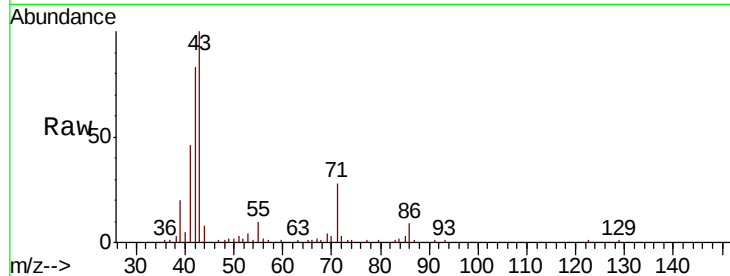




#18
Methyl Acetate
Concen: 8.882 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

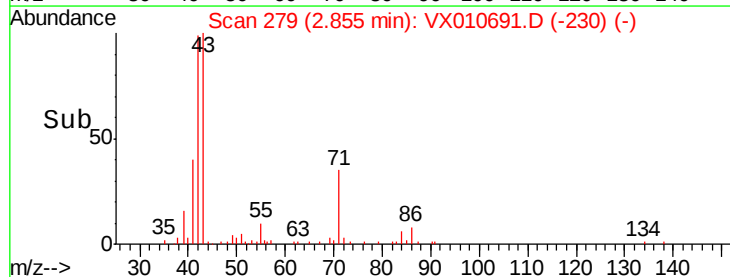
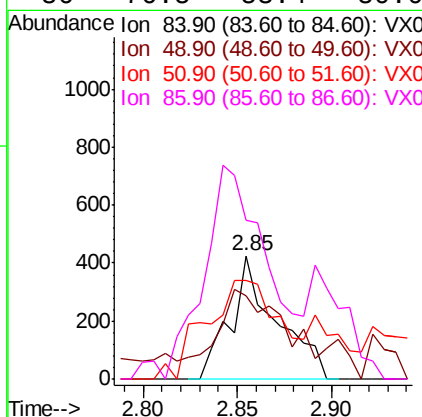
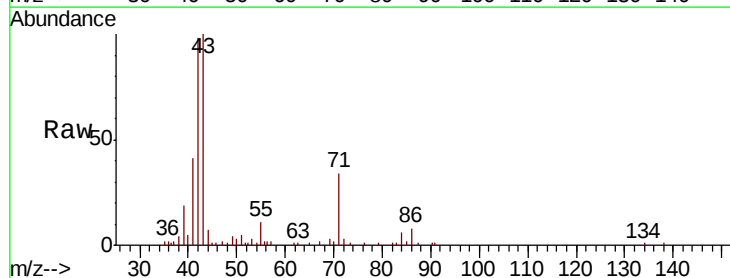
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

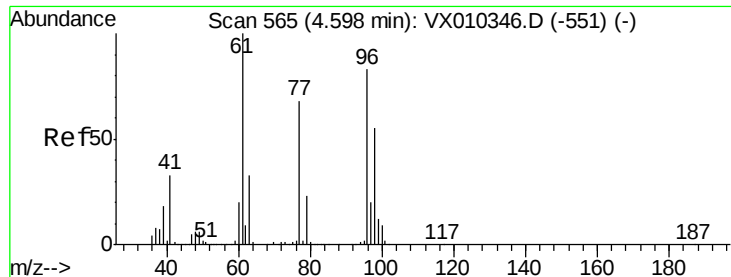
Tot Ion: 43 Resp: 19899
Ion Ratio Lower Upper
43 100
74 0.1 21.3 31.9#



#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion: 84 Resp: 716
Ion Ratio Lower Upper
84 100
49 50.5 87.5 131.3#
51 43.4 27.7 41.5#
86 76.5 53.4 80.0



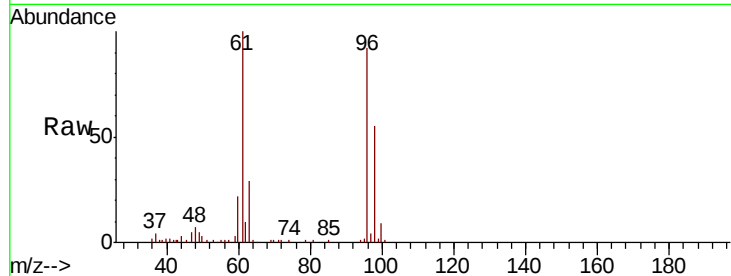


#27

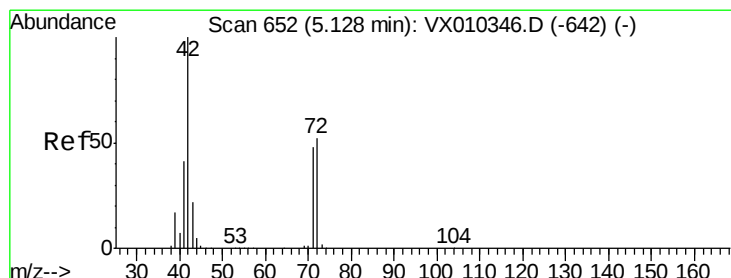
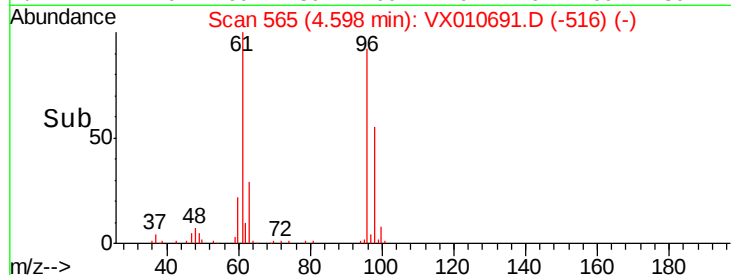
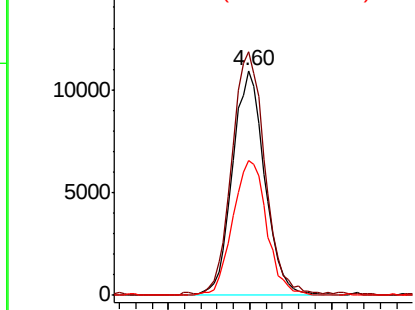
cis-1,2-Dichloroethene
 Concen: 11.551 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010691.D
 Acq: 08 Jul 2019 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

Tot Ion	Ratio	Lower	Upper
96	100		
61	109.0	0.0	251.8
98	63.1	0.0	129.4



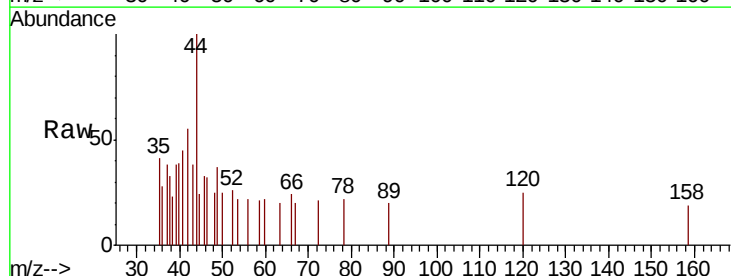
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



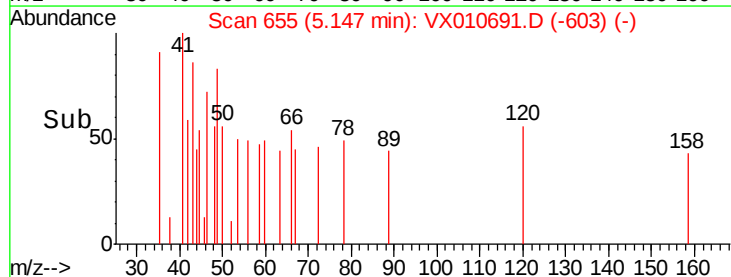
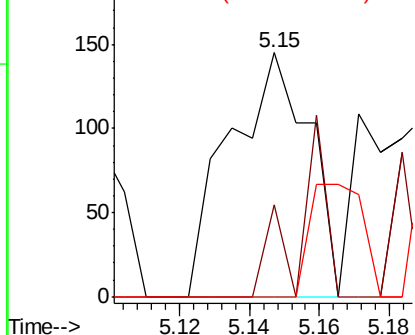
#29

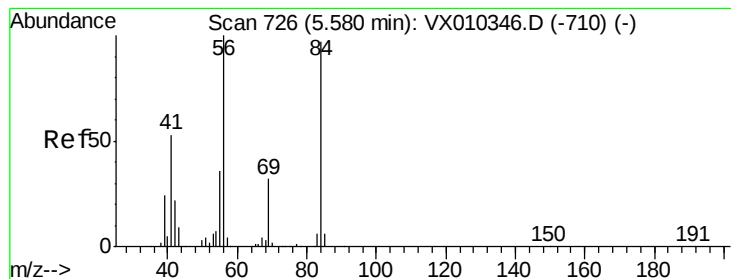
Tetrahydrofuran
 Concen: 0.224 ug/l
 RT: 5.15 min Scan# 655
 Delta R.T. 0.02 min
 Lab File: VX010691.D
 Acq: 08 Jul 2019 13:29

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	40.6	60.8#
71	0.0	37.8	56.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 8.109 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

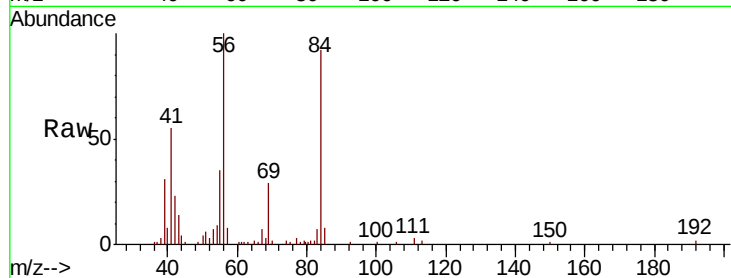
Tot Ion: 56 Resp: 26272

Ion Ratio Lower Upper

56 100

69 29.1 25.9 38.9

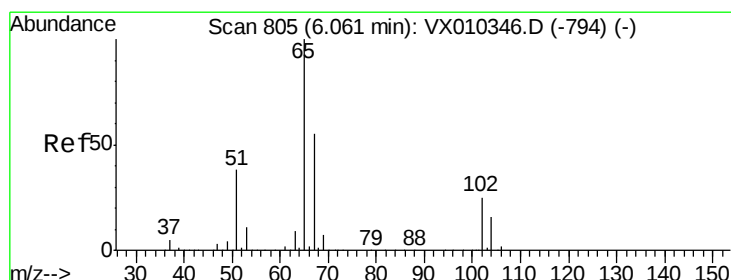
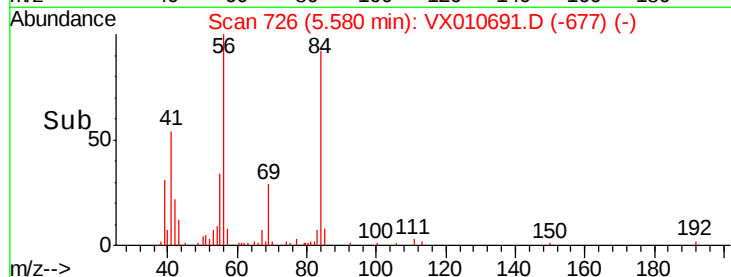
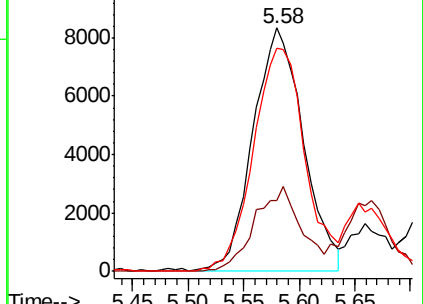
84 91.6 78.0 117.0



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: 53.211 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010691.D

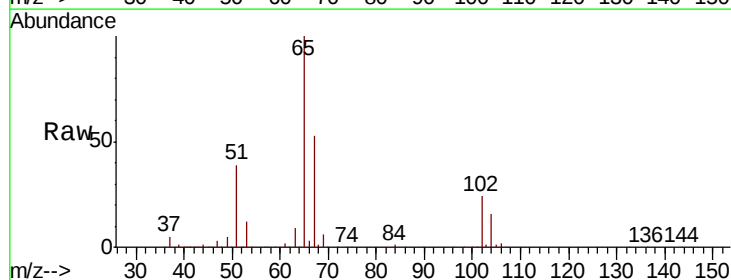
Acq: 08 Jul 2019 13:29

Tgt Ion: 65 Resp: 119352

Ion Ratio Lower Upper

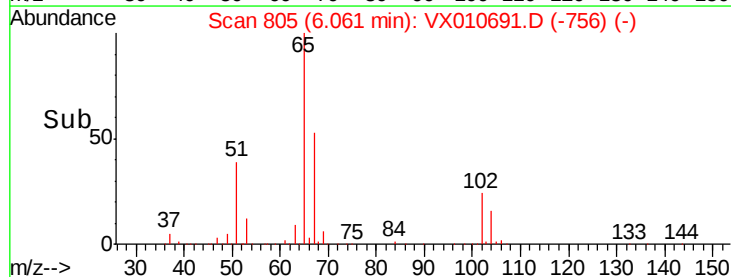
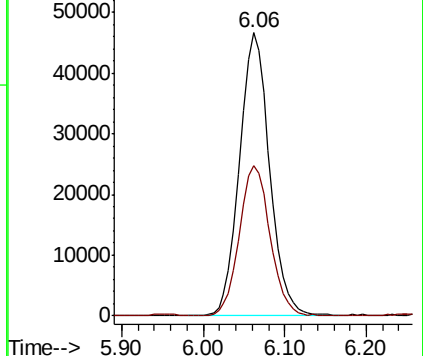
65 100

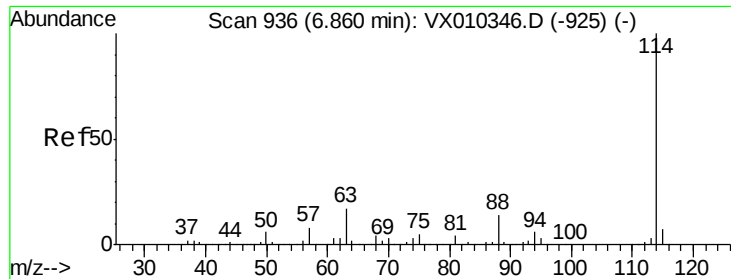
67 54.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

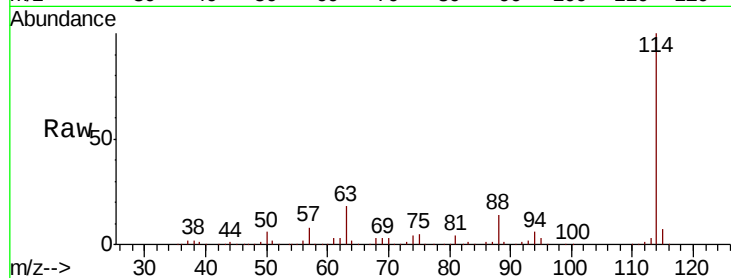




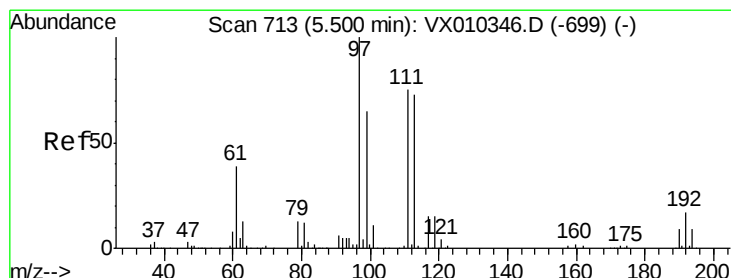
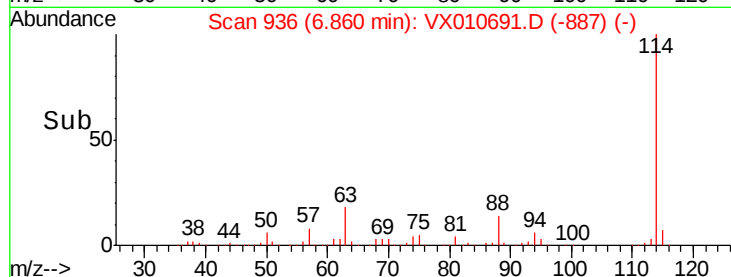
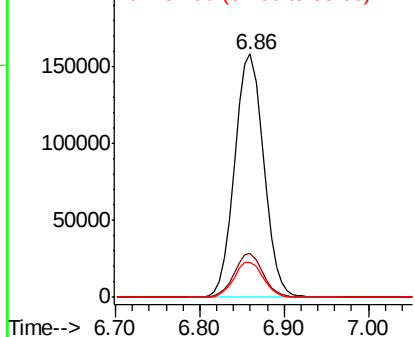
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

Tot Ion:114 Resp: 369124
Ion Ratio Lower Upper
114 100
63 18.1 0.0 33.8
88 14.3 0.0 27.6

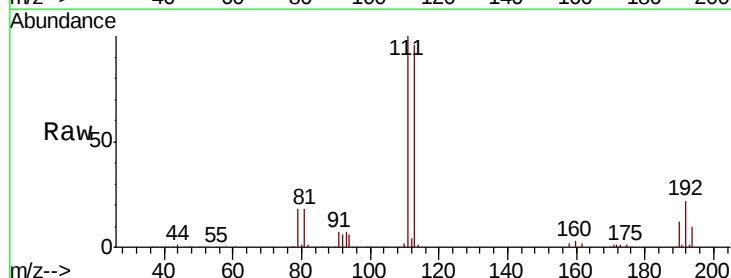


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

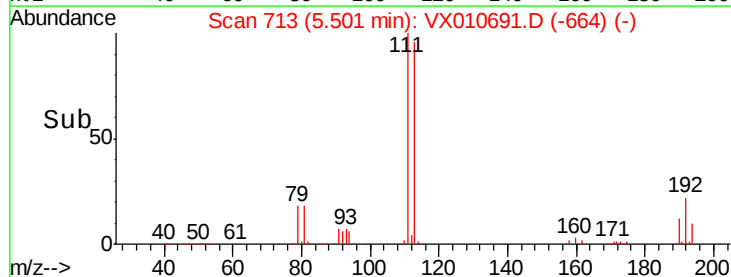
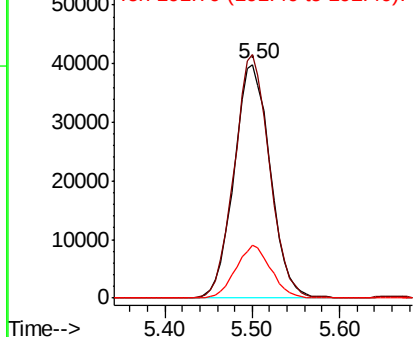


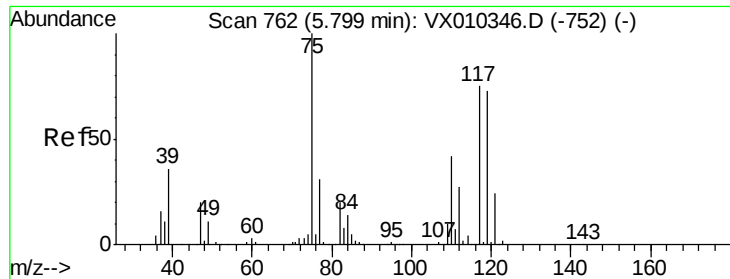
#35
Dibromofluoromethane
Concen: 50.696 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion:113 Resp: 114494
Ion Ratio Lower Upper
113 100
111 101.6 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

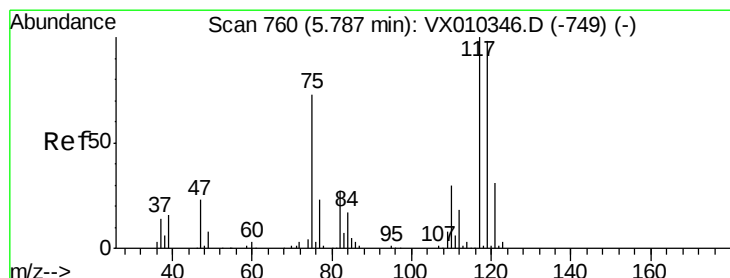
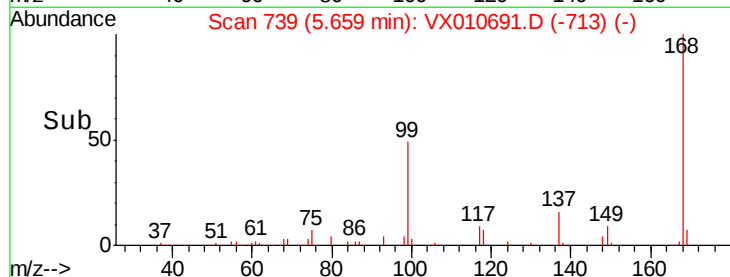
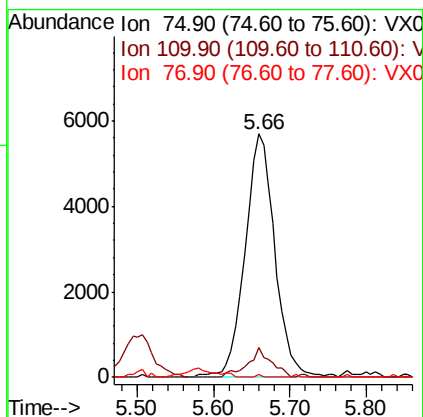
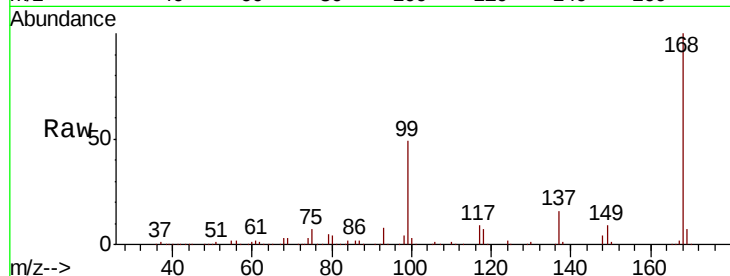




#36
 1,1-Dichloropropene
 Concen: 5.276 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010691.D
 Acq: 08 Jul 2019 13:29

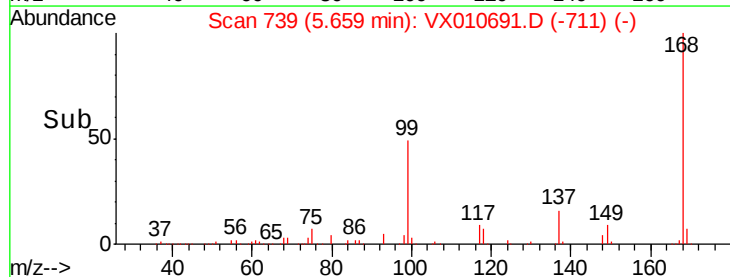
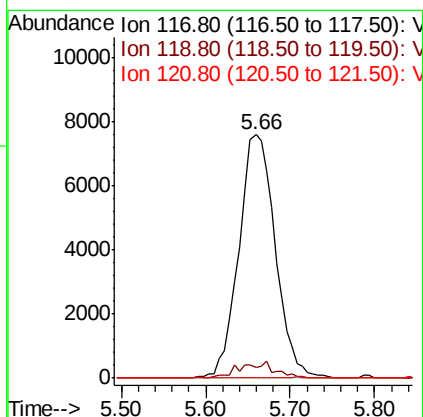
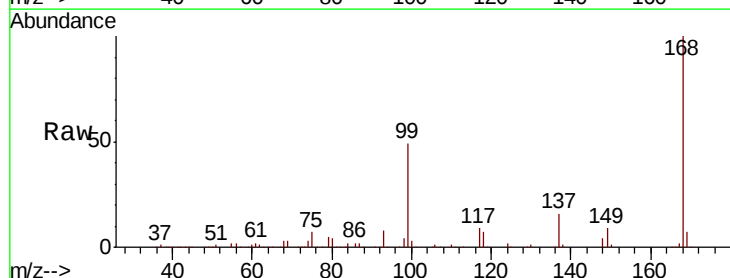
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

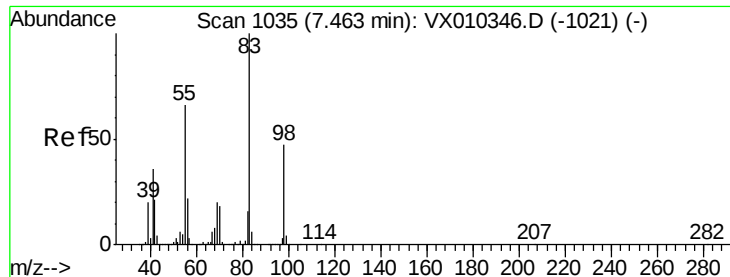
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	20.8	62.2#
77	0.1	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 7.005 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010691.D
 Acq: 08 Jul 2019 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.2	117.4#
121	0.0	24.7	37.1#

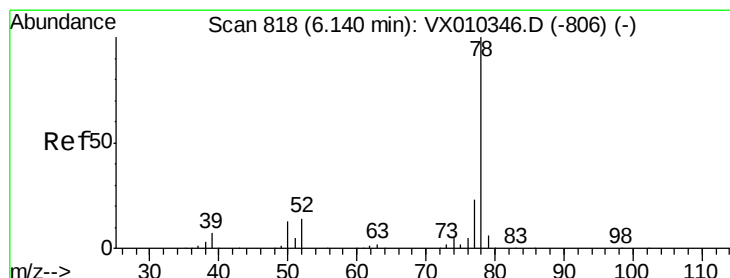
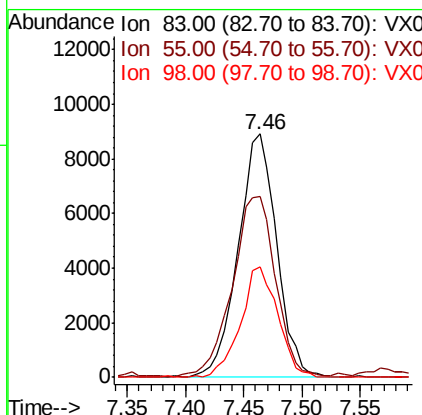
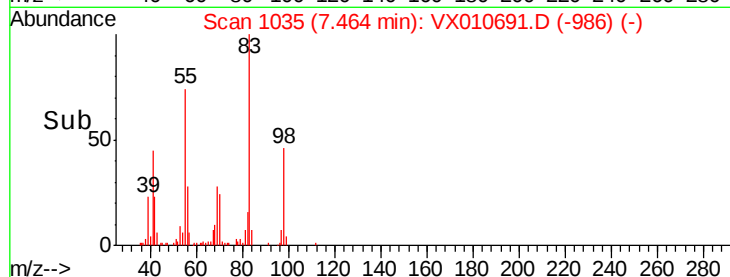
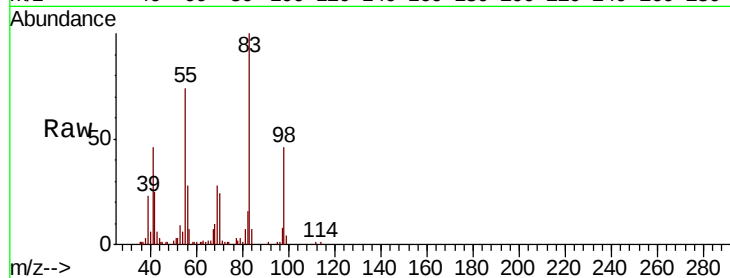




#39
Methvlcvclohexane
Concen: 5.319 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

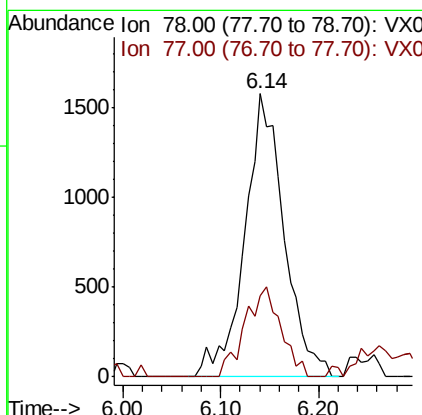
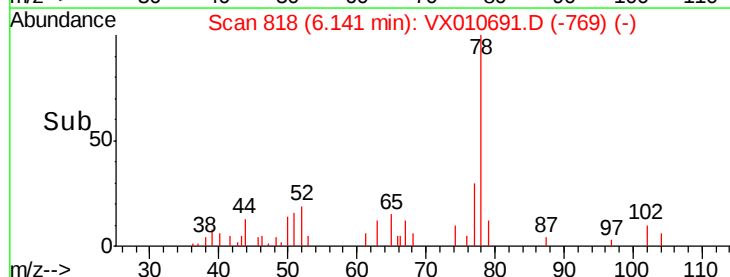
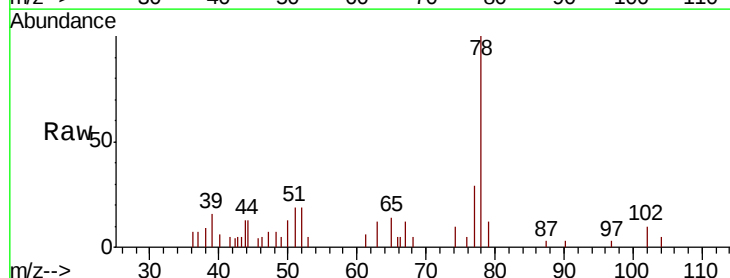
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

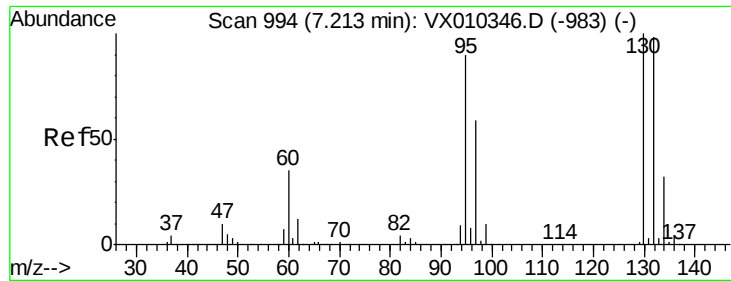
Tot Ion: 83 Resp: 20510
Ion Ratio Lower Upper
83 100
55 72.6 53.0 79.6
98 45.6 37.8 56.8



#40
Benzene
Concen: 0.483 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion: 78 Resp: 4414
Ion Ratio Lower Upper
78 100
77 28.8 18.6 28.0#





#44

Trichloroethene

Concen: 10.814 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

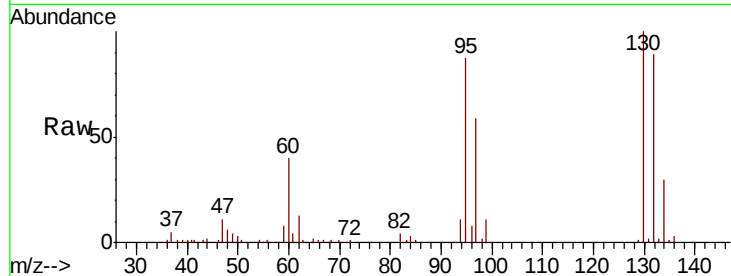
SS037MW266-190701

Tot Ion:130 Resp: 29571

Ion Ratio Lower Upper

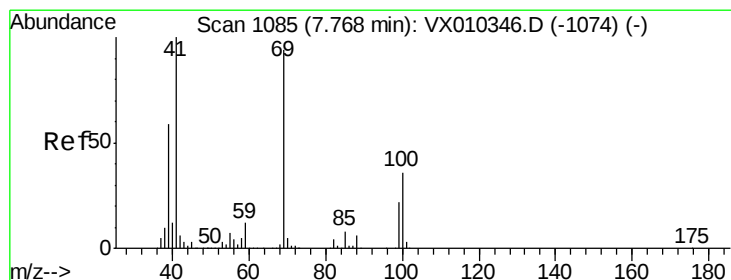
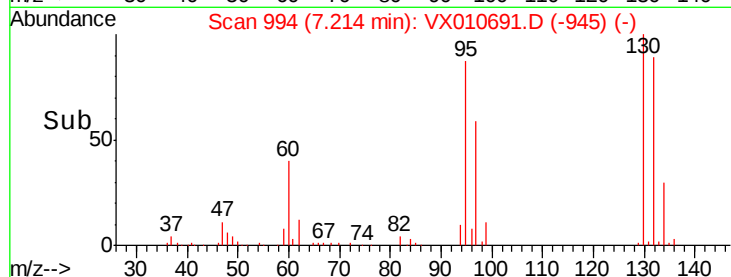
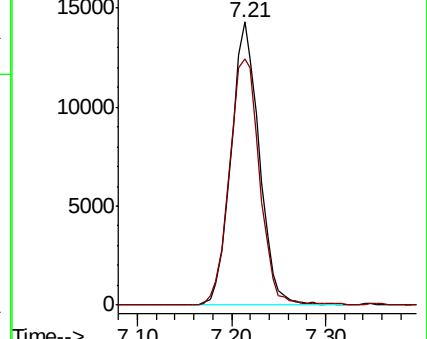
130 100

95 87.1 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: 0.383 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

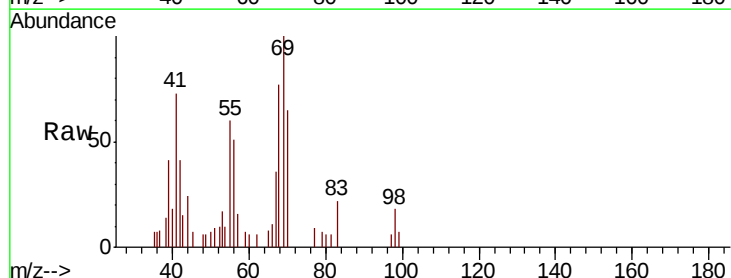
Tgt Ion: 41 Resp: 889

Ion Ratio Lower Upper

41 100

69 244.5 76.1 114.1#

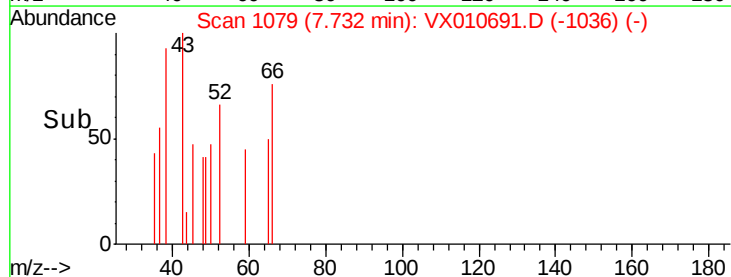
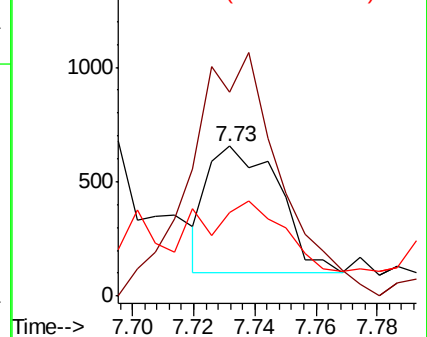
39 65.5 47.6 71.4

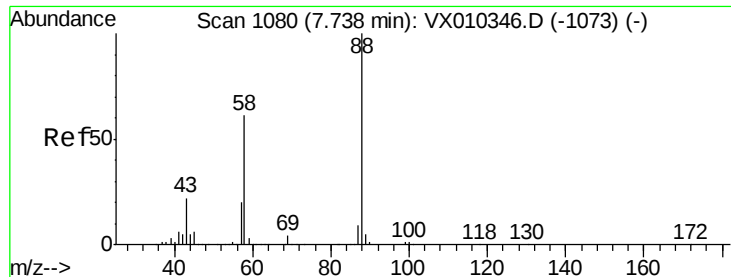


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

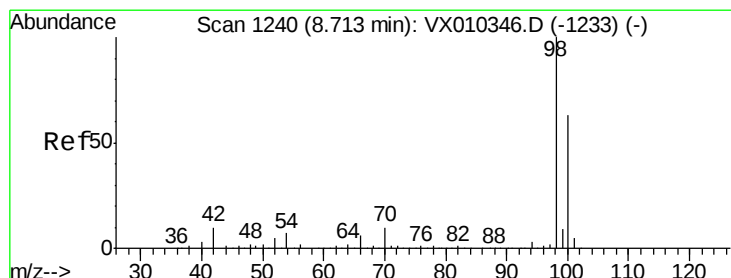
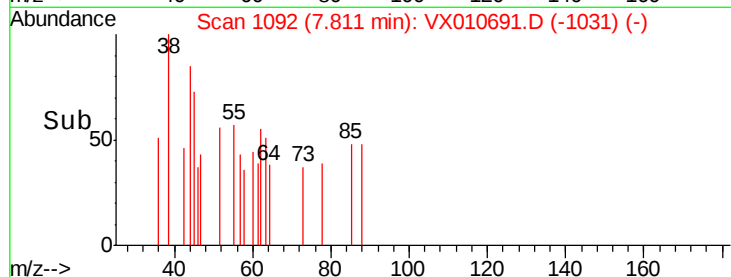
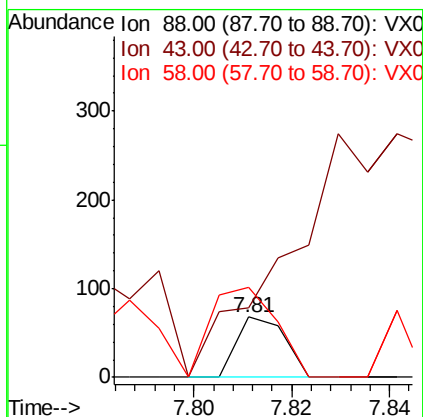
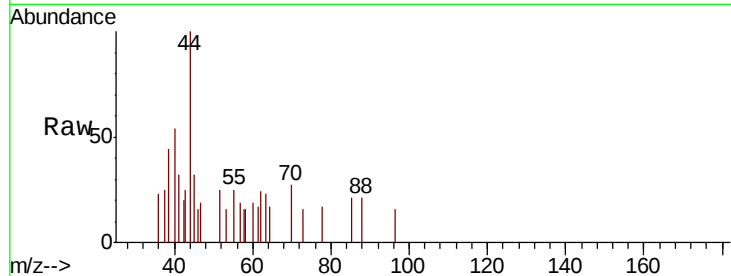




#49
1,4-Dioxane
Concen: 0.688 ug/l
RT: 7.81 min Scan# 1092
Delta R.T. 0.07 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

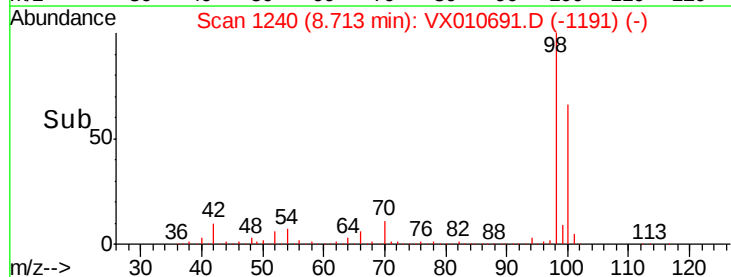
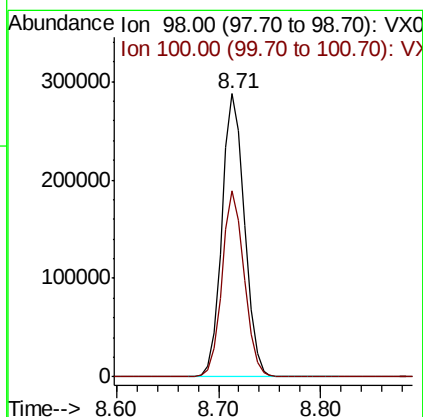
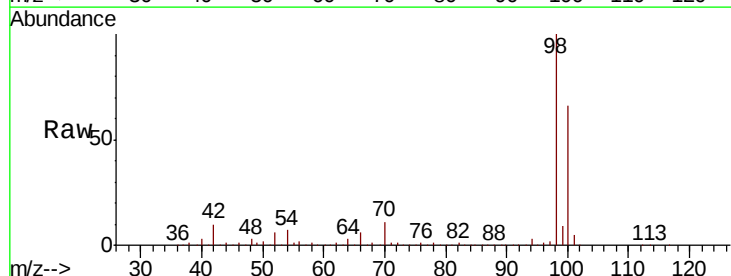
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

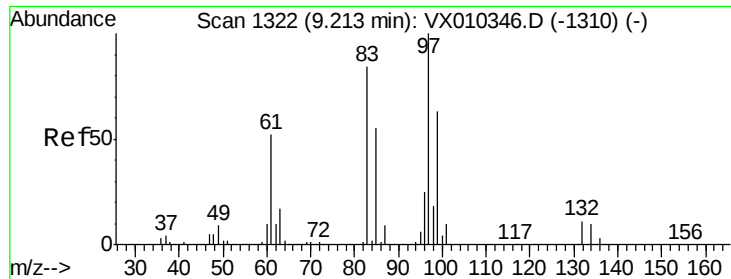
Tot Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 204.3 49.5 74.3#



#50
Toluene-d8
Concen: 51.154 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion: 98 Resp: 441986
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

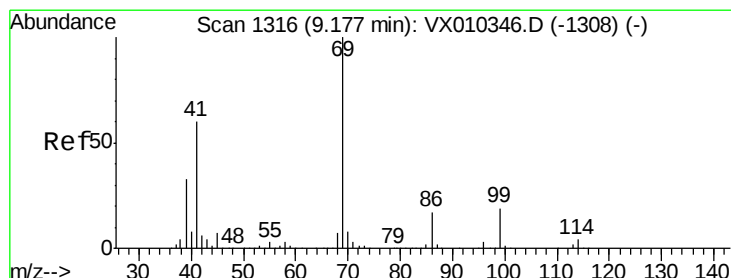
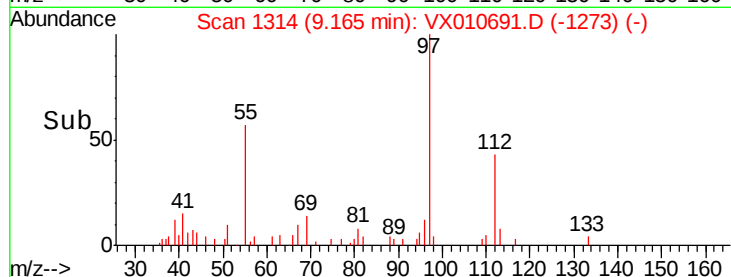
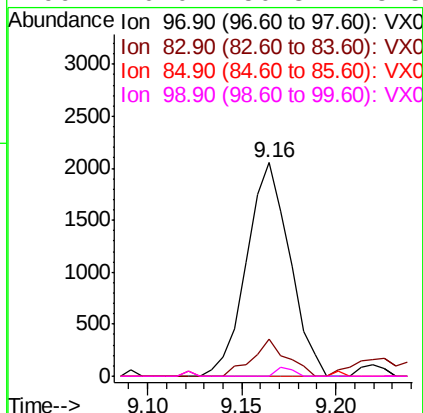
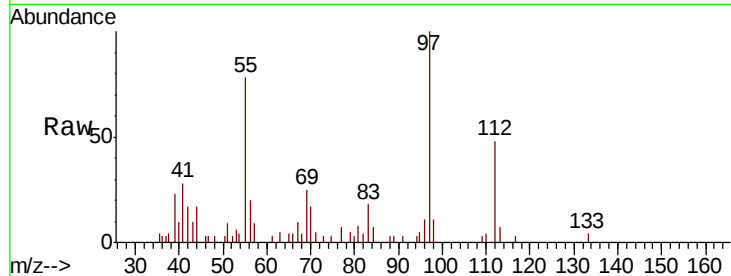




#55
 1,1,2-Trichloroethane
 Concen: 1.309 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010691.D
 Acq: 08 Jul 2019 13:29

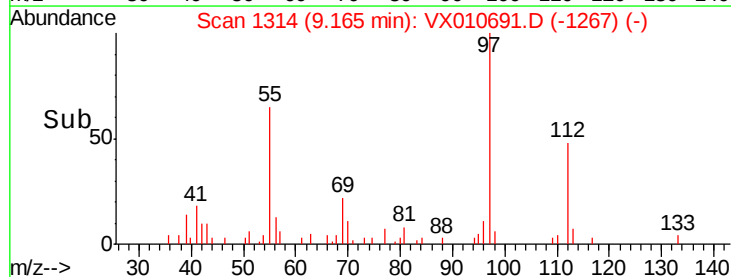
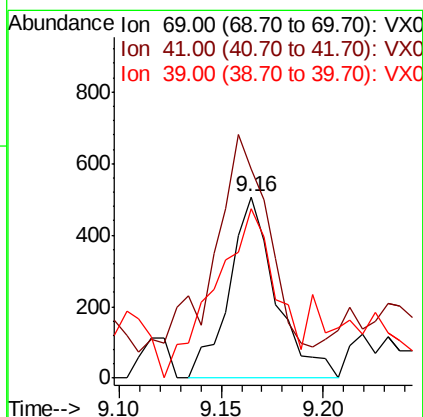
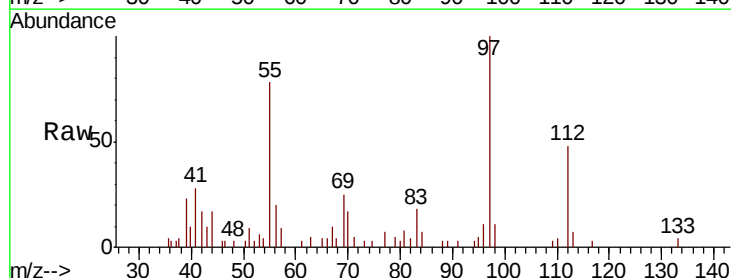
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

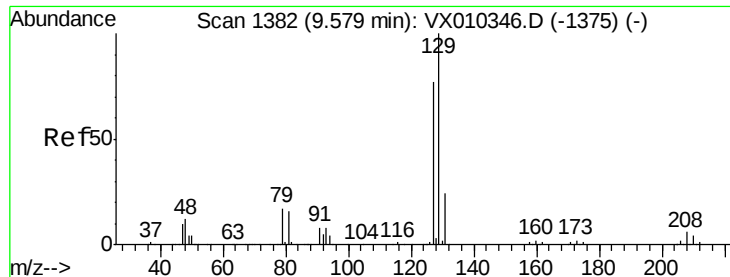
Tot Ion: 97 Resp: 3248
 Ion Ratio Lower Upper
 97 100
 83 17.5 67.4 101.0#
 85 0.0 43.8 65.8#
 99 0.0 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 0.214 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX010691.D
 Acq: 08 Jul 2019 13:29

Tgt Ion: 69 Resp: 806
 Ion Ratio Lower Upper
 69 100
 41 137.2 47.1 70.7#
 39 123.3 26.6 40.0#

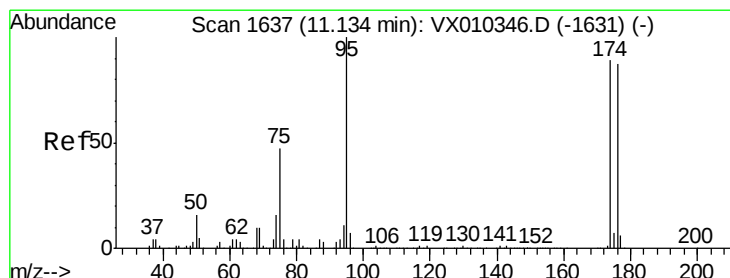
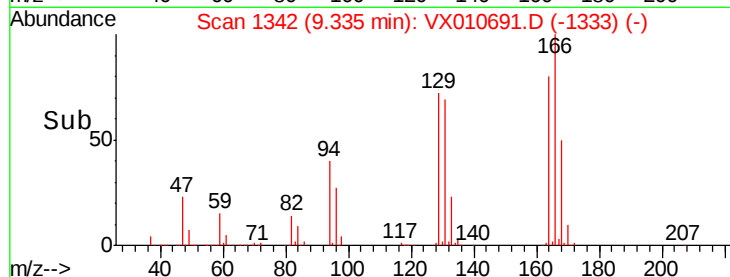
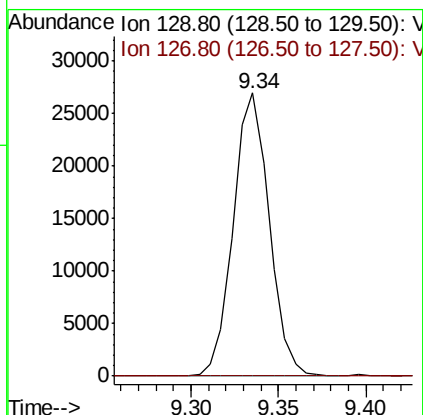
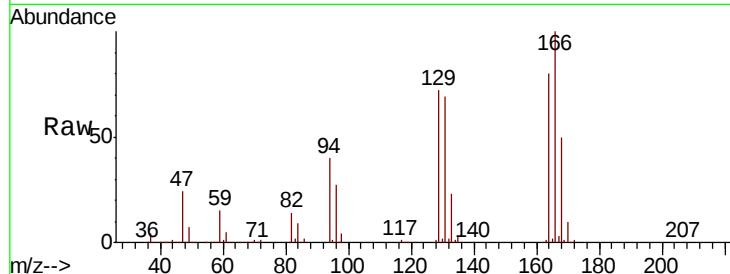




#60
Dibromochloromethane
Concen: 13.891 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

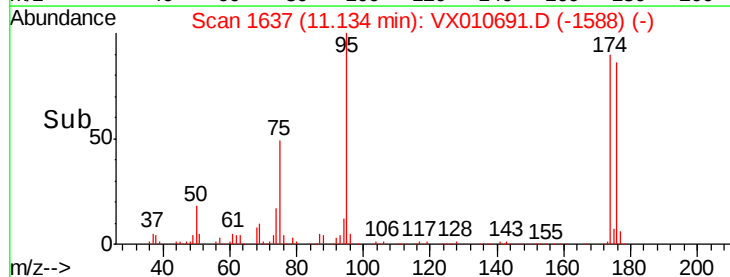
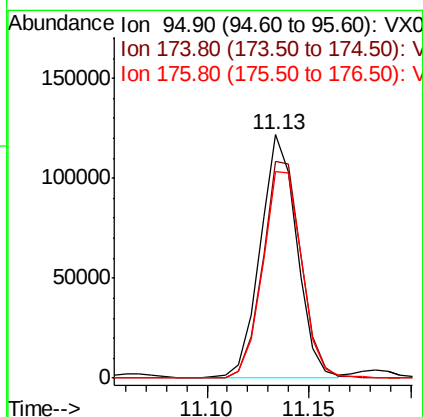
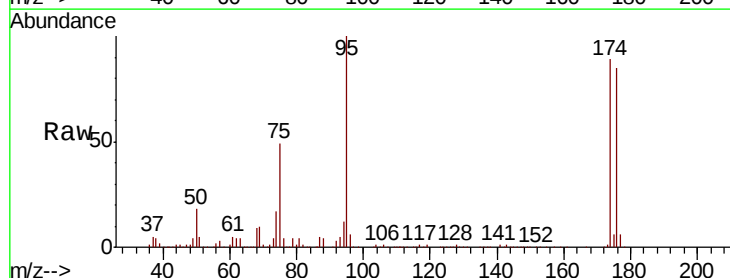
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

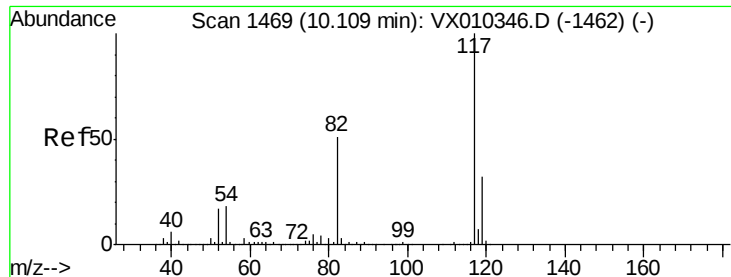
Tot Ion:129 Resp: 38604
Ion Ratio Lower Upper
129 100
127 0.1 38.4 115.1#



#62
4-Bromofluorobenzene
Concen: 48.753 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion: 95 Resp: 152080
Ion Ratio Lower Upper
95 100
174 94.1 0.0 187.6
176 90.8 0.0 184.0

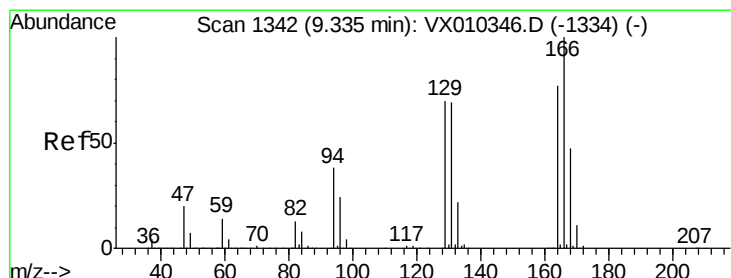
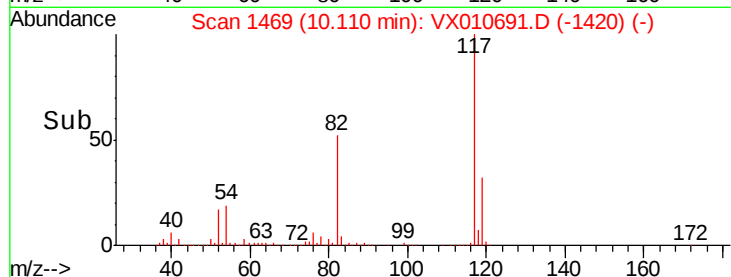
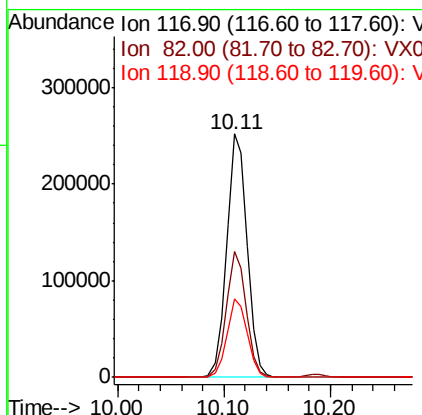
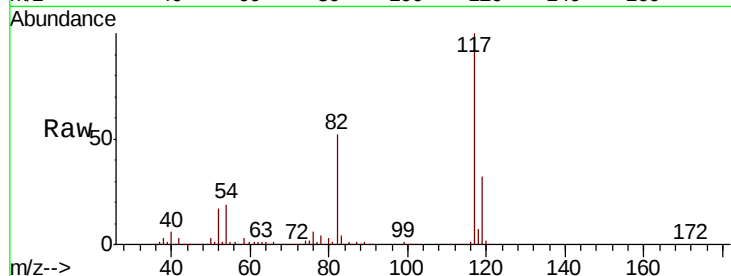




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

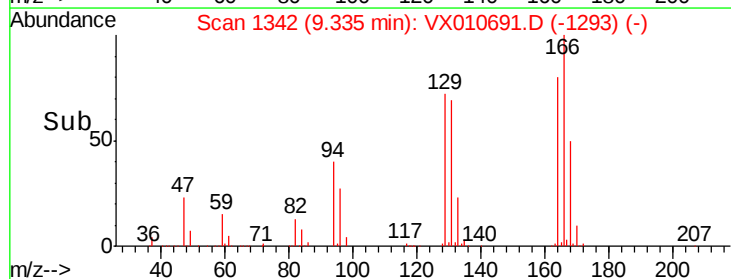
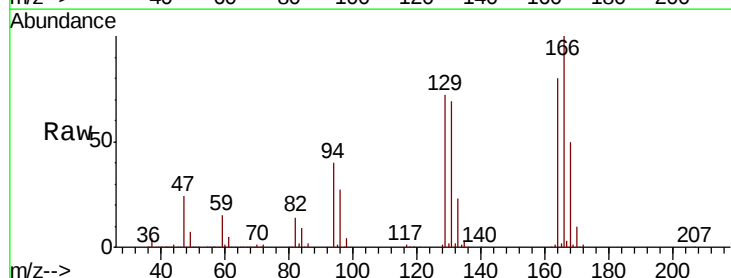
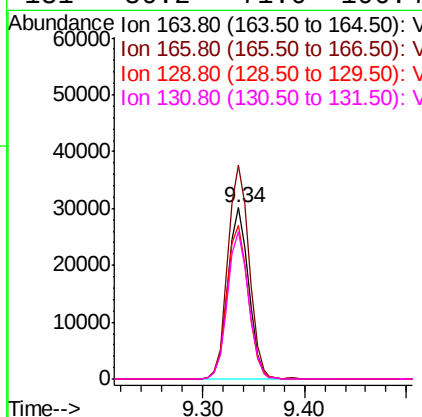
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

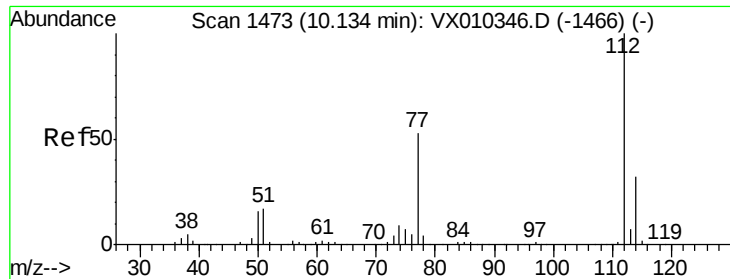
Tot Ion:117 Resp: 338706
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 15.496 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion:164 Resp: 42453
Ion Ratio Lower Upper
164 100
166 124.6 103.6 155.4
129 89.4 73.0 109.4
131 86.2 71.0 106.4

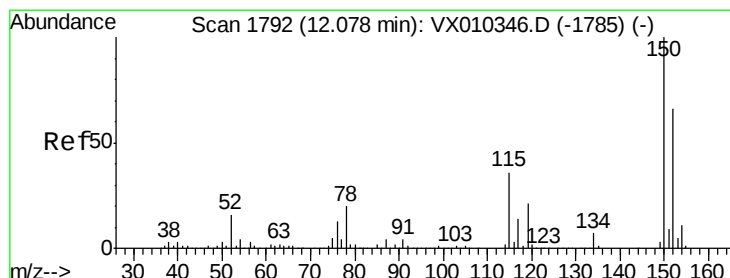
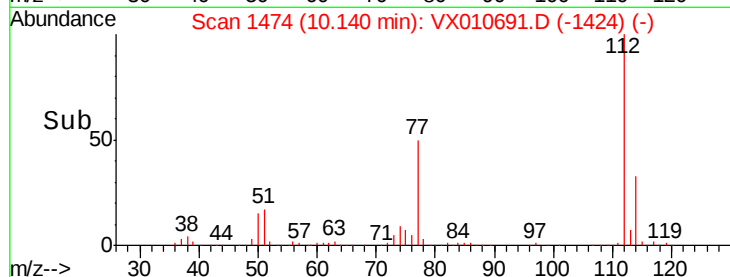
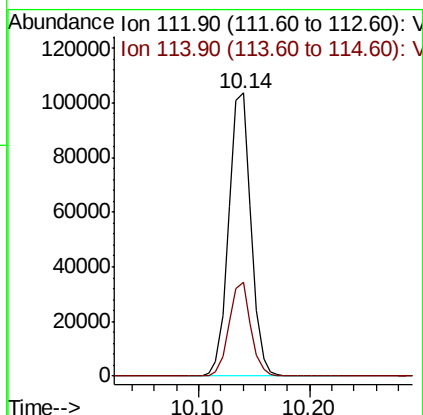
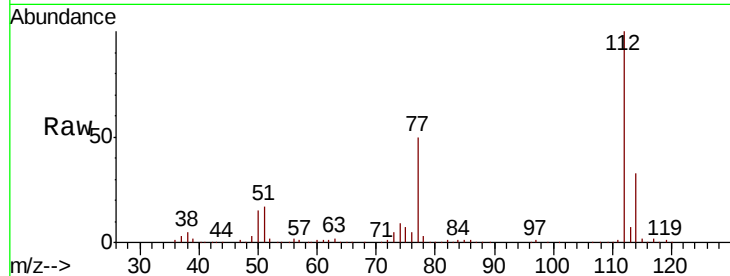




#65
Chlorobenzene
Concen: 20.884 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

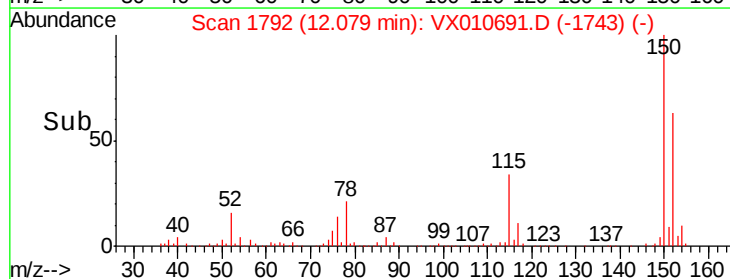
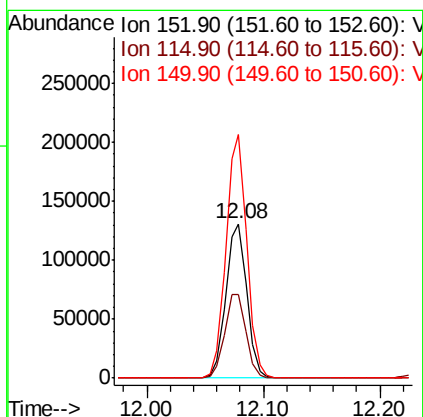
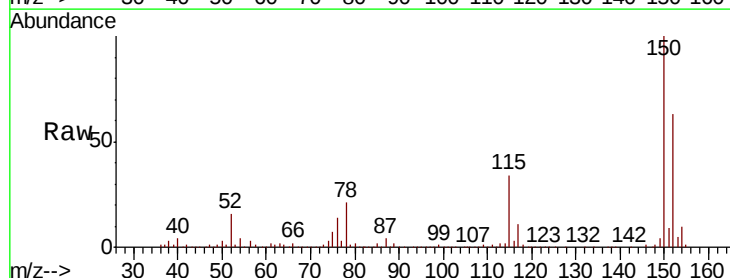
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

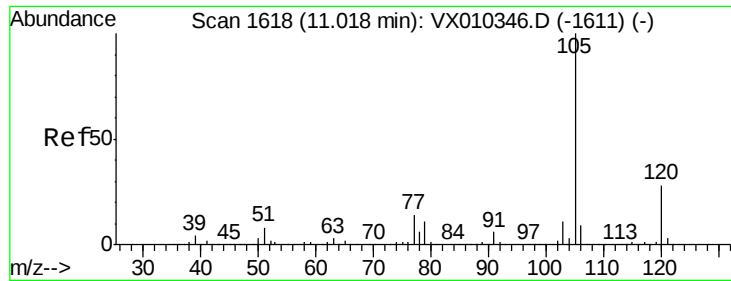
Tot Ion:112 Resp: 143604
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion:152 Resp: 162045
Ion Ratio Lower Upper
152 100
115 55.7 38.6 115.7
150 157.3 0.0 347.4





#73

Isopropylbenzene

Concen: 0.987 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

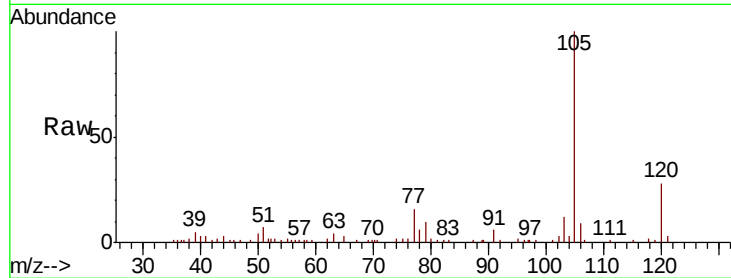
SS037MW266-190701

Tot Ion:105 Resp: 10839

Ion Ratio Lower Upper

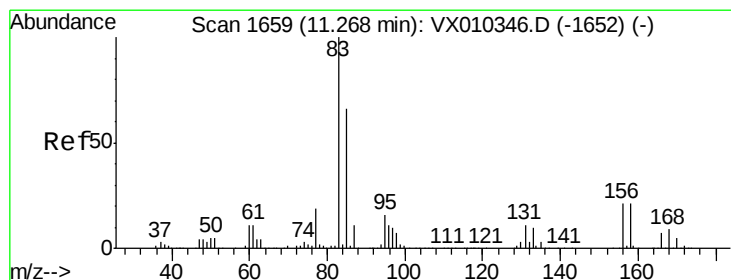
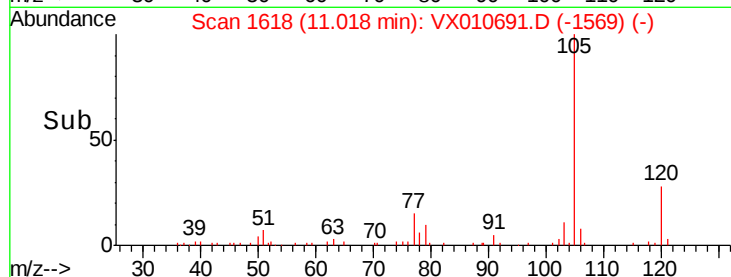
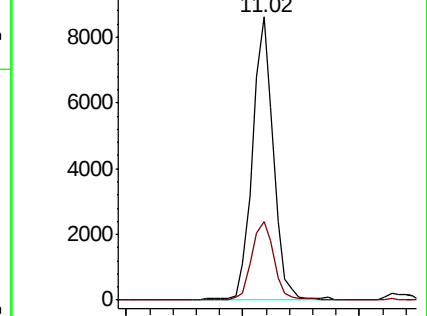
105 100

120 29.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.481 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

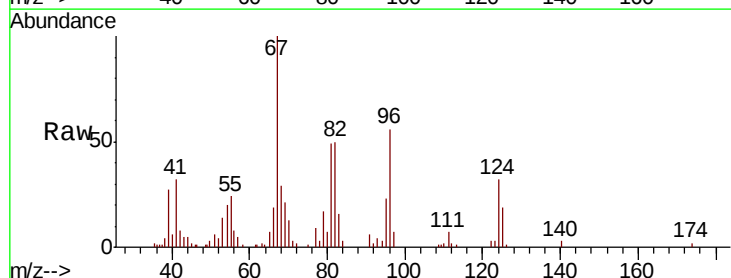
Tgt Ion: 83 Resp: 1749

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

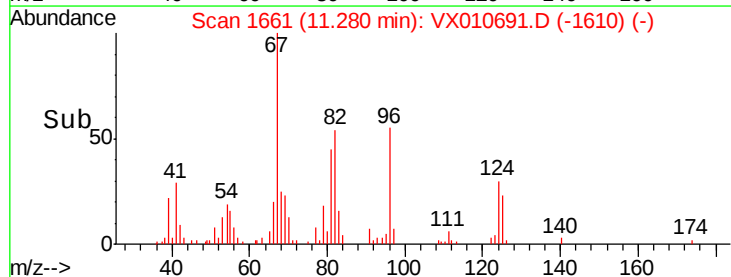
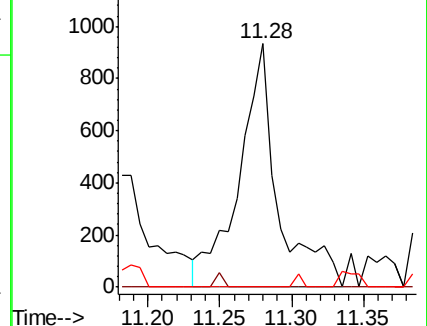
85 0.0 32.3 96.8#

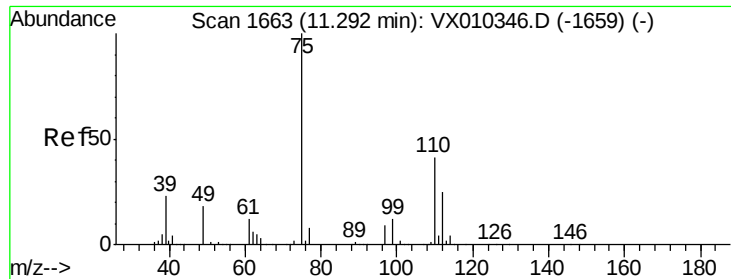


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 25.133 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

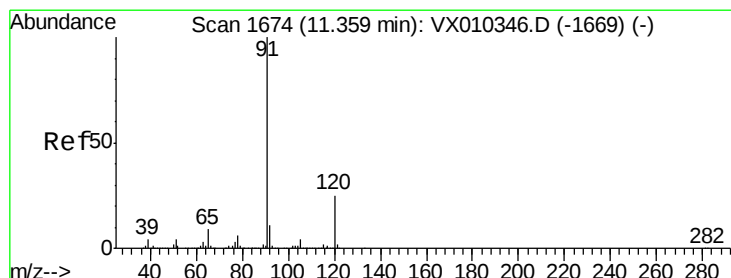
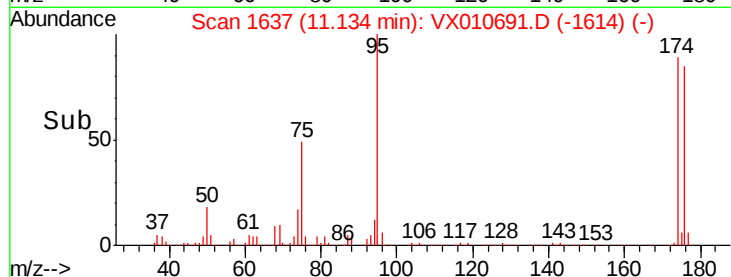
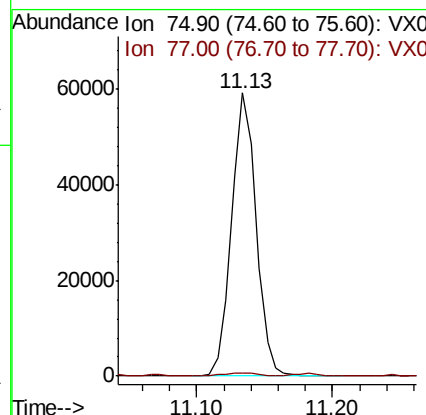
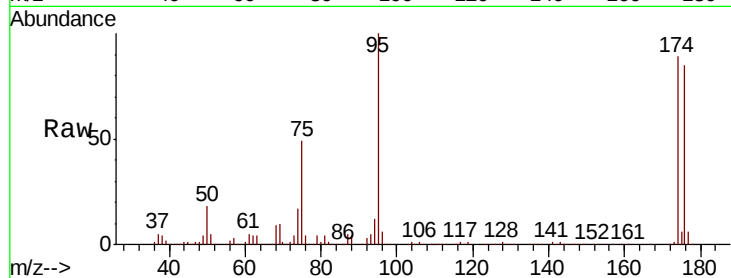
SS037MW266-190701

Tot Ion: 75 Resp: 74216

Ion Ratio Lower Upper

75 100

77 1.2 22.6 67.8#



#78

n-propylbenzene

Concen: 0.756 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010691.D

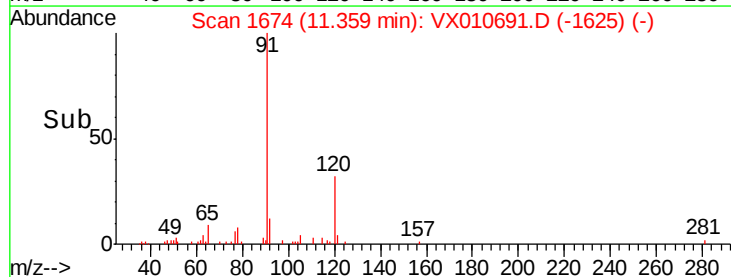
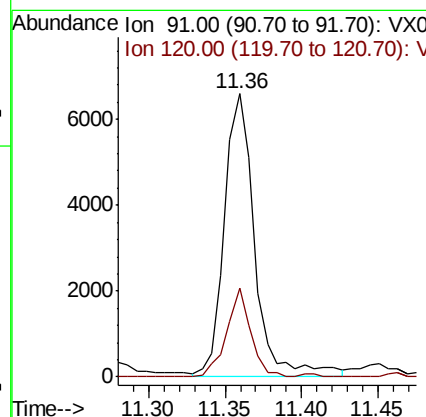
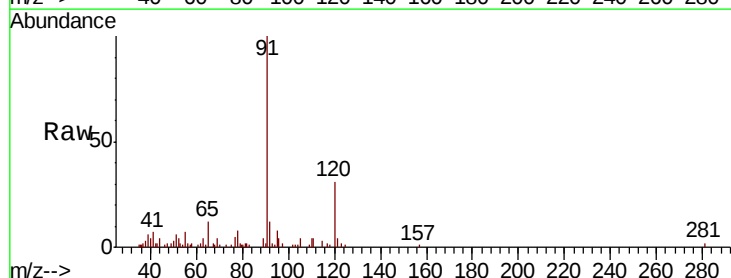
Acq: 08 Jul 2019 13:29

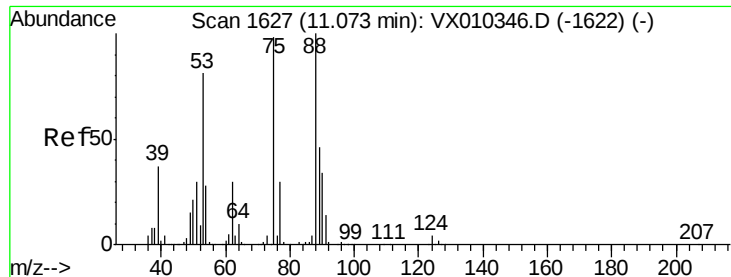
Tgt Ion: 91 Resp: 9128

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.4

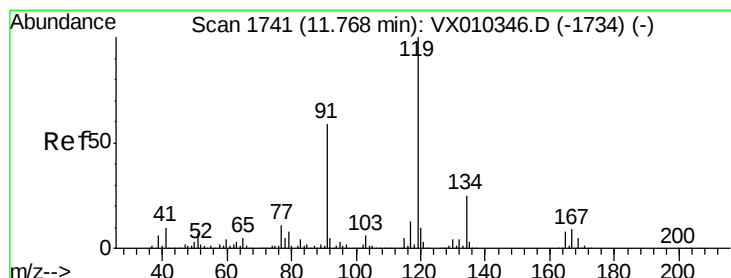
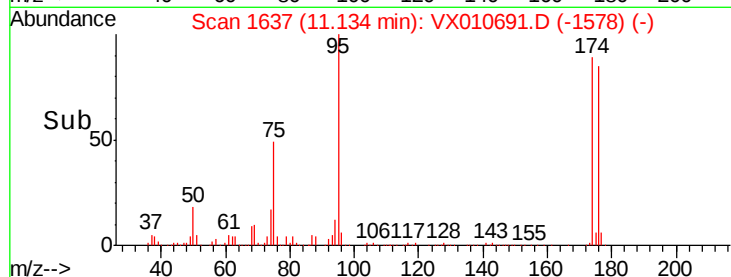
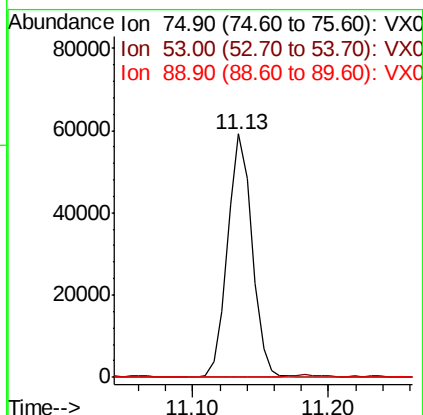
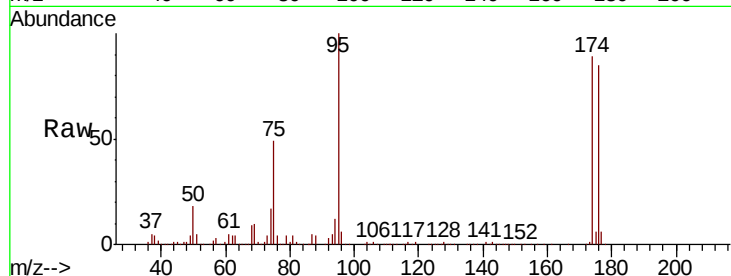




#81
trans-1,4-Dichloro-2-butene
Concen: 58.634 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

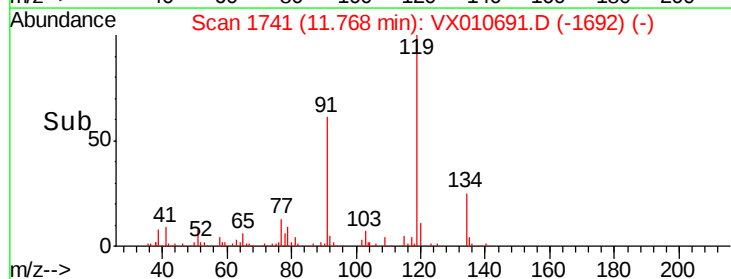
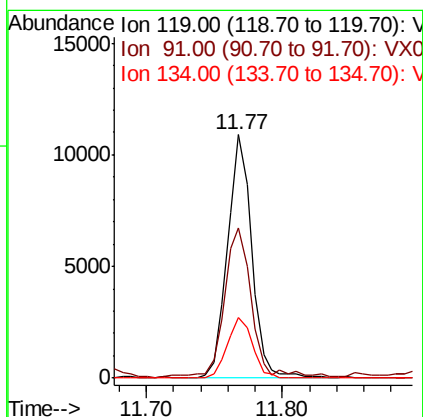
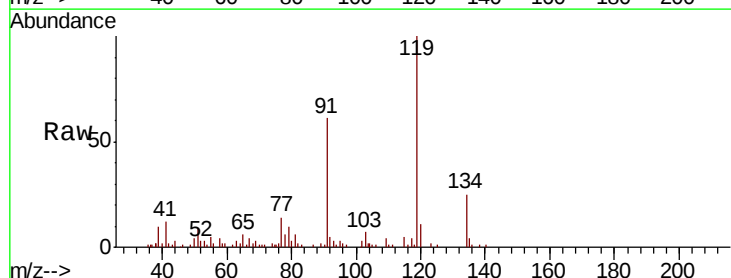
Instrument :
MSVOA_X
ClientSampleId :
SS037MW266-190701

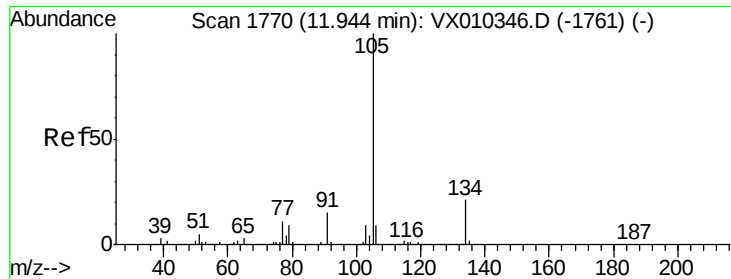
Tot Ion: 75 Resp: 74216
Ion Ratio Lower Upper
75 100
53 0.0 66.1 99.1#
89 0.1 37.8 56.6#



#83
tert-Butylbenzene
Concen: 1.489 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010691.D
Acq: 08 Jul 2019 13:29

Tgt Ion: 119 Resp: 13533
Ion Ratio Lower Upper
119 100
91 71.1 27.6 82.7
134 25.6 11.8 35.4





#85

sec-Butylbenzene

Concen: 1.678 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

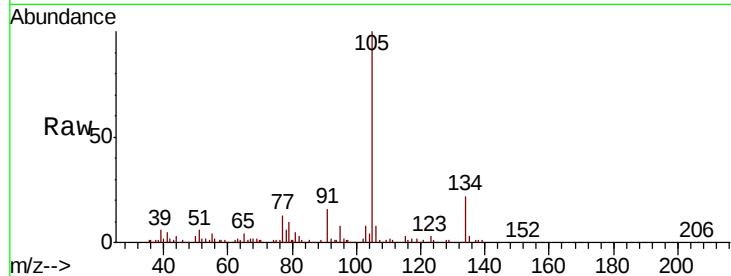
SS037MW266-190701

Tot Ion:105 Resp: 17907

Ion Ratio Lower Upper

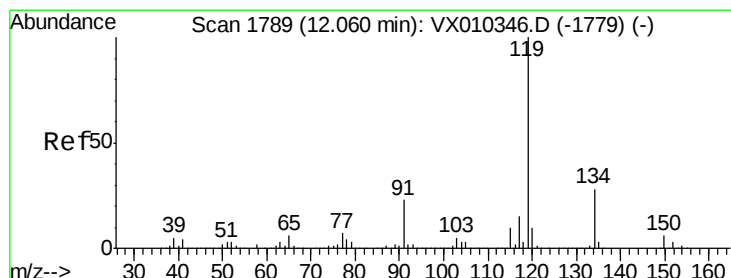
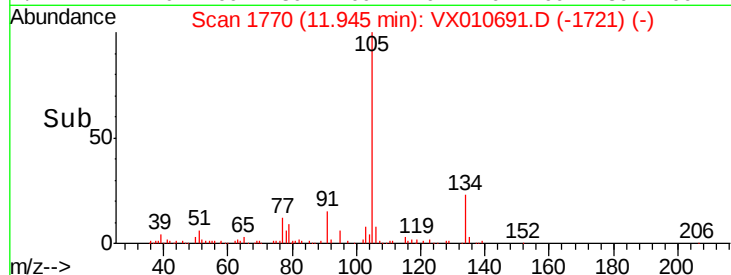
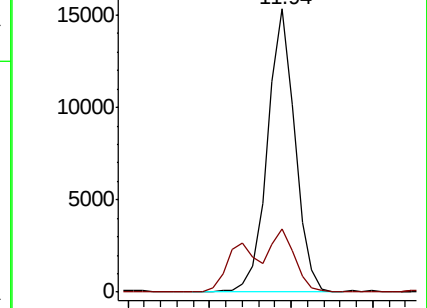
105 100

134 19.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.681 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

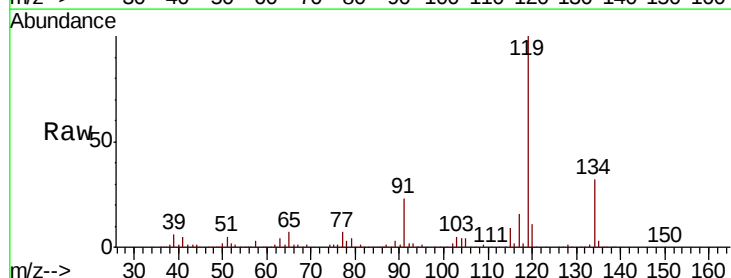
Tgt Ion:119 Resp: 46204

Ion Ratio Lower Upper

119 100

134 29.8 13.7 41.1

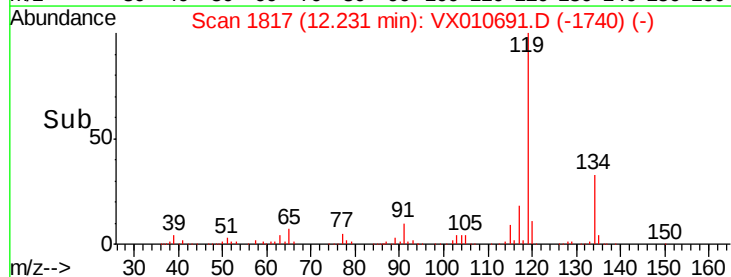
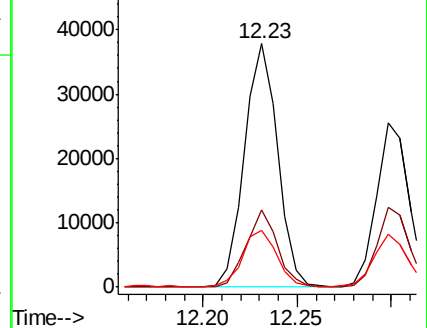
91 23.8 11.3 33.8

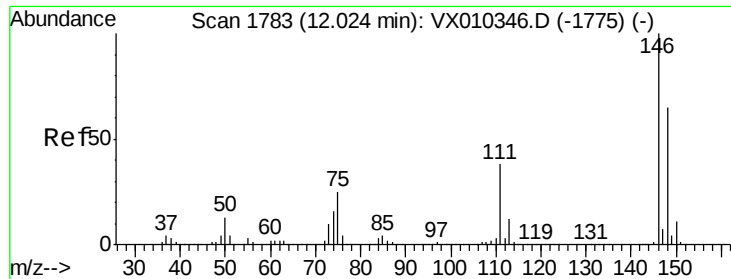


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

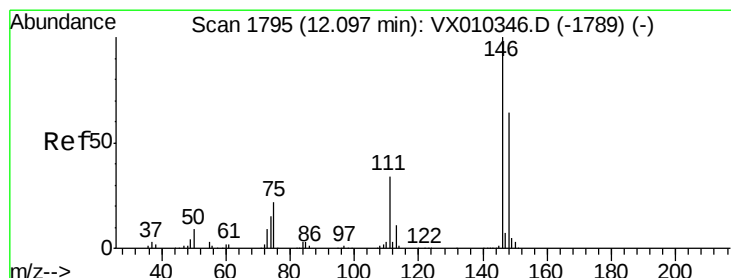
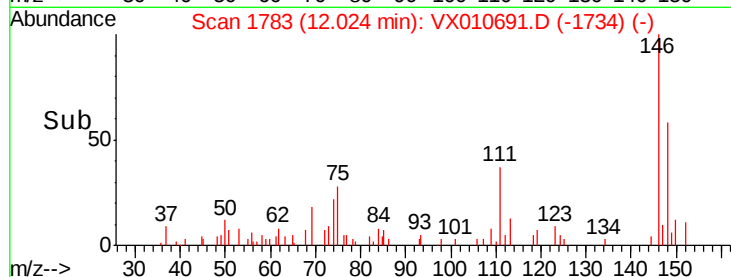
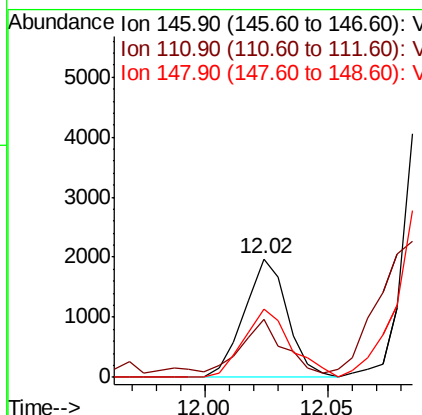
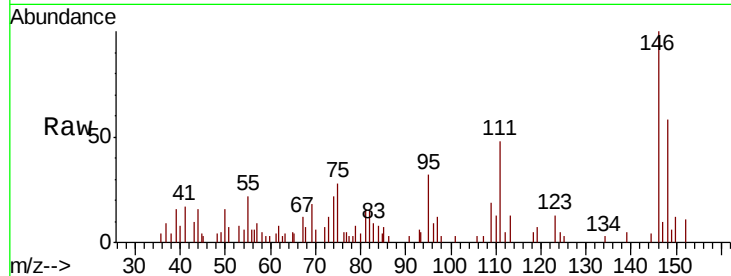




#87
 1,3-Dichlorobenzene
 Concen: 0.454 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010691.D
 Acq: 08 Jul 2019 13:29

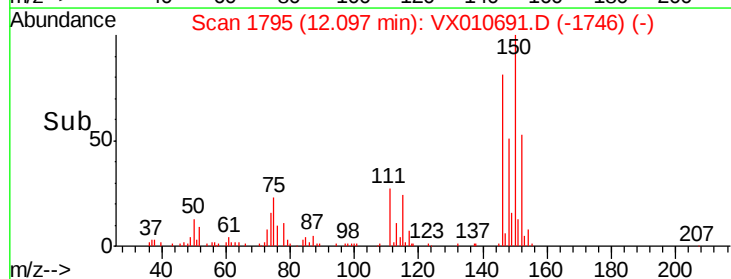
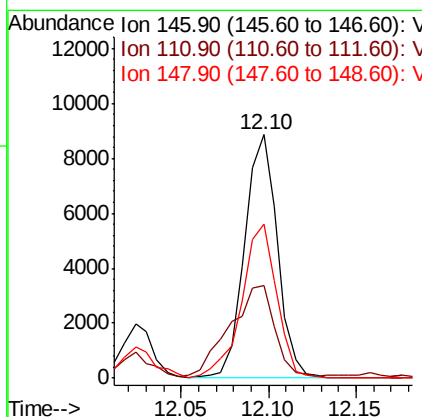
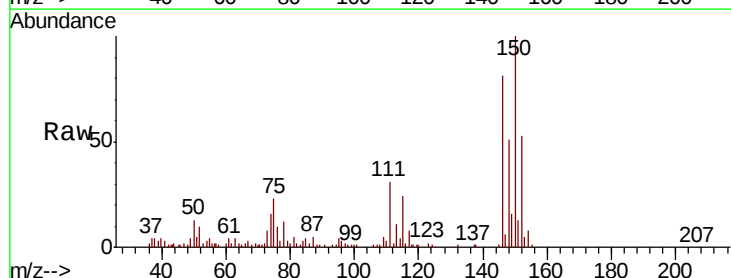
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW266-190701

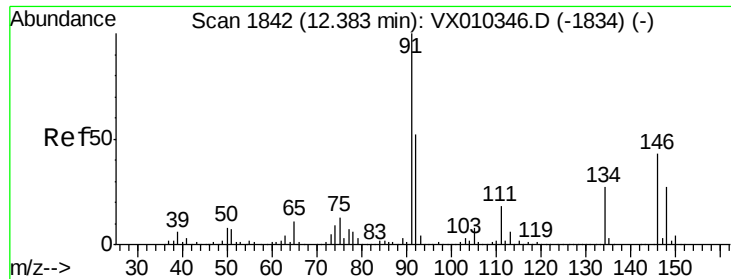
Tot Ion:146 Resp: 2430
 Ion Ratio Lower Upper
 146 100
 111 43.0 19.1 57.1
 148 62.5 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 2.114 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010691.D
 Acq: 08 Jul 2019 13:29

Tgt Ion:146 Resp: 11525
 Ion Ratio Lower Upper
 146 100
 111 52.2 18.1 54.3
 148 68.0 32.1 96.3





#89

n-Butylbenzene

Concen: 0.893 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

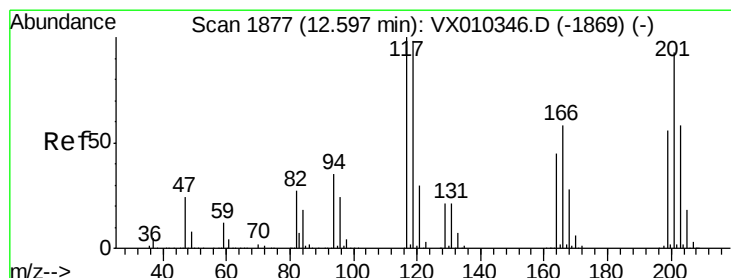
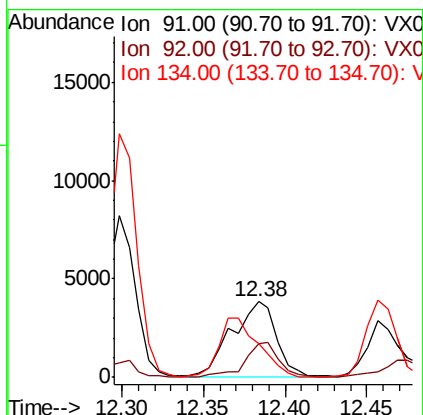
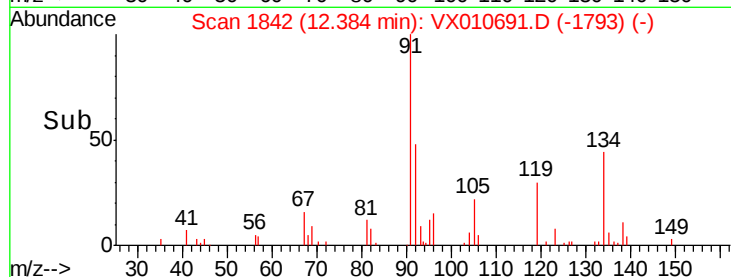
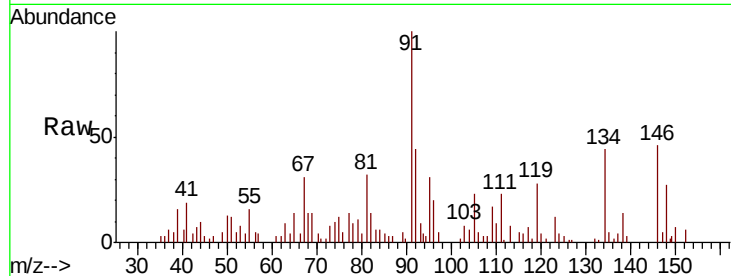
Tot Ion: 91 Resp: 7493

Ion Ratio Lower Upper

91 100

92 34.9 26.2 78.5

134 69.2 14.1 42.4#



#90

Hexachloroethane

Concen: 1.995 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX010691.D

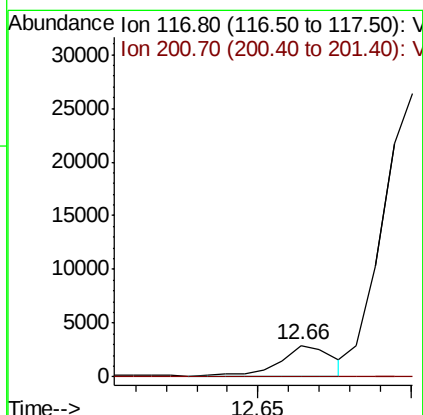
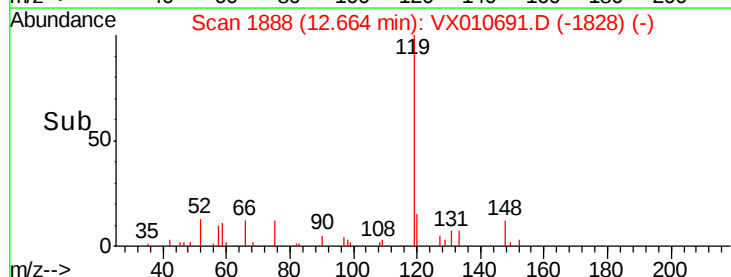
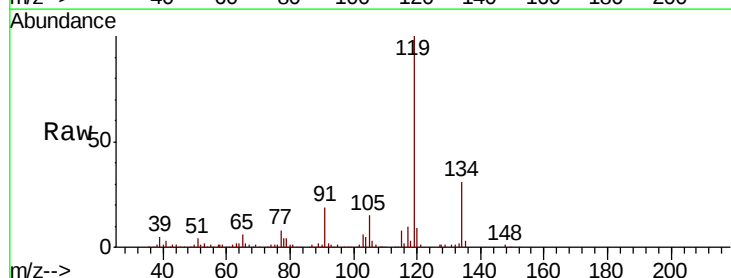
Acq: 08 Jul 2019 13:29

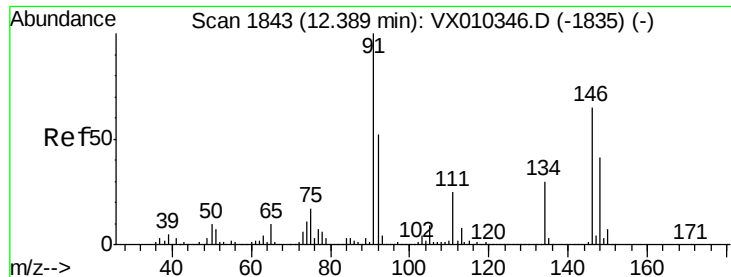
Tgt Ion: 117 Resp: 3405

Ion Ratio Lower Upper

117 100

201 0.0 44.0 131.8#





#91

1,2-Dichlorobenzene

Concen: 0.597 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

Instrument :

MSVOA_X

ClientSampleId :

SS037MW266-190701

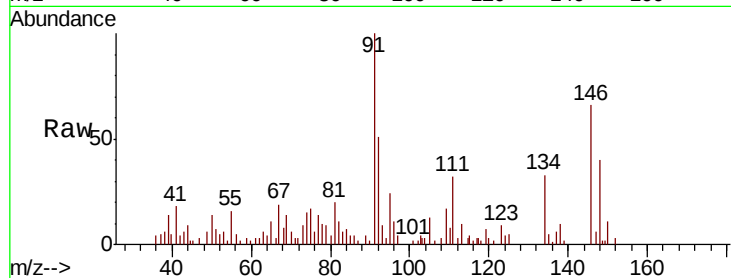
Tot Ion:146 Resp: 3175

Ion Ratio Lower Upper

146 100

111 51.2 19.2 57.6

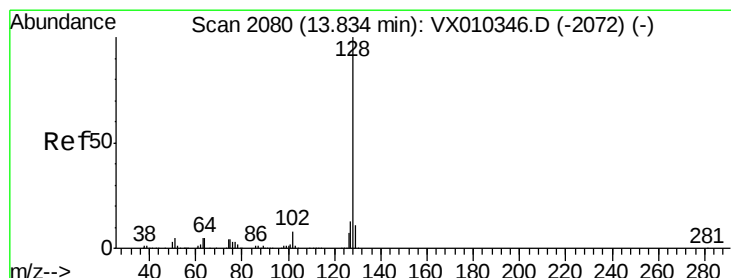
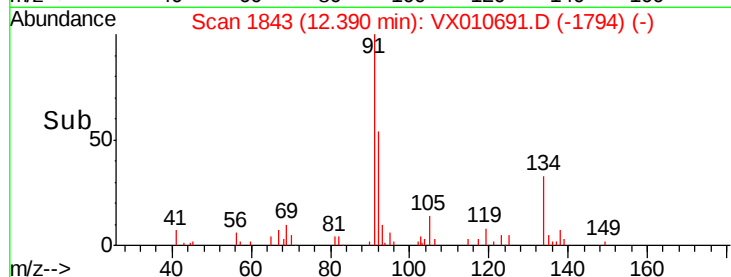
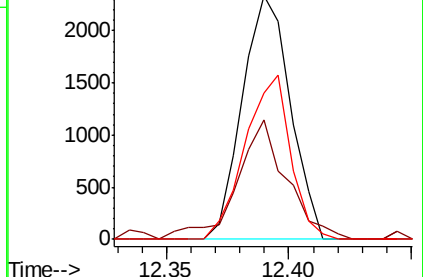
148 64.1 32.0 96.0



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



#95

Naphthalene

Concen: 0.417 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010691.D

Acq: 08 Jul 2019 13:29

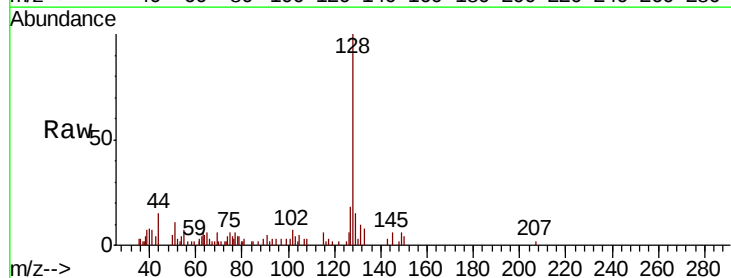
Tgt Ion:128 Resp: 4729

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 16.7 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

