

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071719\
 Data File : VX010929.D
 Acq On : 17 Jul 2019 12:36
 Operator : JC/SP
 Sample : K3791-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0628

Quant Time: Jul 18 02:28:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151347	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	113448	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
35) Dibromofluoromethane	5.50	113	106929	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	8.71	98	406991	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	145966	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	89	0.585	ug/l #	43
3) Chloromethane	1.33	50	1074	0.544	ug/l	96
5) Bromomethane	1.66	94	552	0.486	ug/l #	77
6) Chloroethane	1.89	64	430	0.336	ug/l #	47
11) Tert butyl alcohol	3.02	59	1246	2.342	ug/l #	73
15) Acrylonitrile	3.17	53	650	0.605	ug/l #	53
16) Acetone	2.45	43	3417	3.312	ug/l	97
17) Carbon Disulfide	2.57	76	1703	0.347	ug/l #	59
20) Methylene Chloride	2.87	84	459	0.210	ug/l #	65
29) Tetrahydrofuran	5.14	42	201	0.214	ug/l #	38
36) 1,1-Dichloropropene	5.67	75	14087	5.087	ug/l #	49
38) Carbon Tetrachloride	5.66	117	19964	6.918	ug/l #	17
39) Methylcyclohexane	7.46	83	1106	0.308	ug/l #	44
49) 1,4-Dioxane	7.70	88	21	0.331	ug/l #	1
52) Toluene	8.79	92	1239	0.222	ug/l	79
55) 1,1,2-Trichloroethane	9.16	97	3219	1.403	ug/l #	19
56) Ethyl methacrylate	9.16	69	768	0.229	ug/l #	1
59) 2-Hexanone	9.44	43	2750	1.173	ug/l #	28
60) Dibromochloromethane	9.64	129	22	2.536	ug/l #	11
67) Ethyl Benzene	10.25	91	40770	3.697	ug/l	96
68) m/p-Xylenes	10.36	106	11623	2.747	ug/l	99
73) Isopropylbenzene	11.02	105	24029	2.350	ug/l	99
74) N-amyl acetate	10.91	43	2264	0.579	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2323	0.694	ug/l #	42
76) 1,2,3-Trichloropropane	11.13	75	71714	26.258	ug/l #	35
78) n-propylbenzene	11.36	91	46963	4.156	ug/l	98
79) 2-Chlorotoluene	11.43	91	7980	1.176	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	15963	1.868	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	71714	65.211	ug/l #	11
82) 4-Chlorotoluene	11.51	91	2285	0.289	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.80	105	192669	22.370	ug/l	100
85) sec-Butylbenzene	11.94	105	22069	2.244	ug/l	86
86) p-Isopropyltoluene	12.06	119	18389	2.022	ug/l	97
89) n-Butylbenzene	12.37	91	6738	0.866	ug/l #	1

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QLast Update : Wed Jul 17 06:57:45 2019
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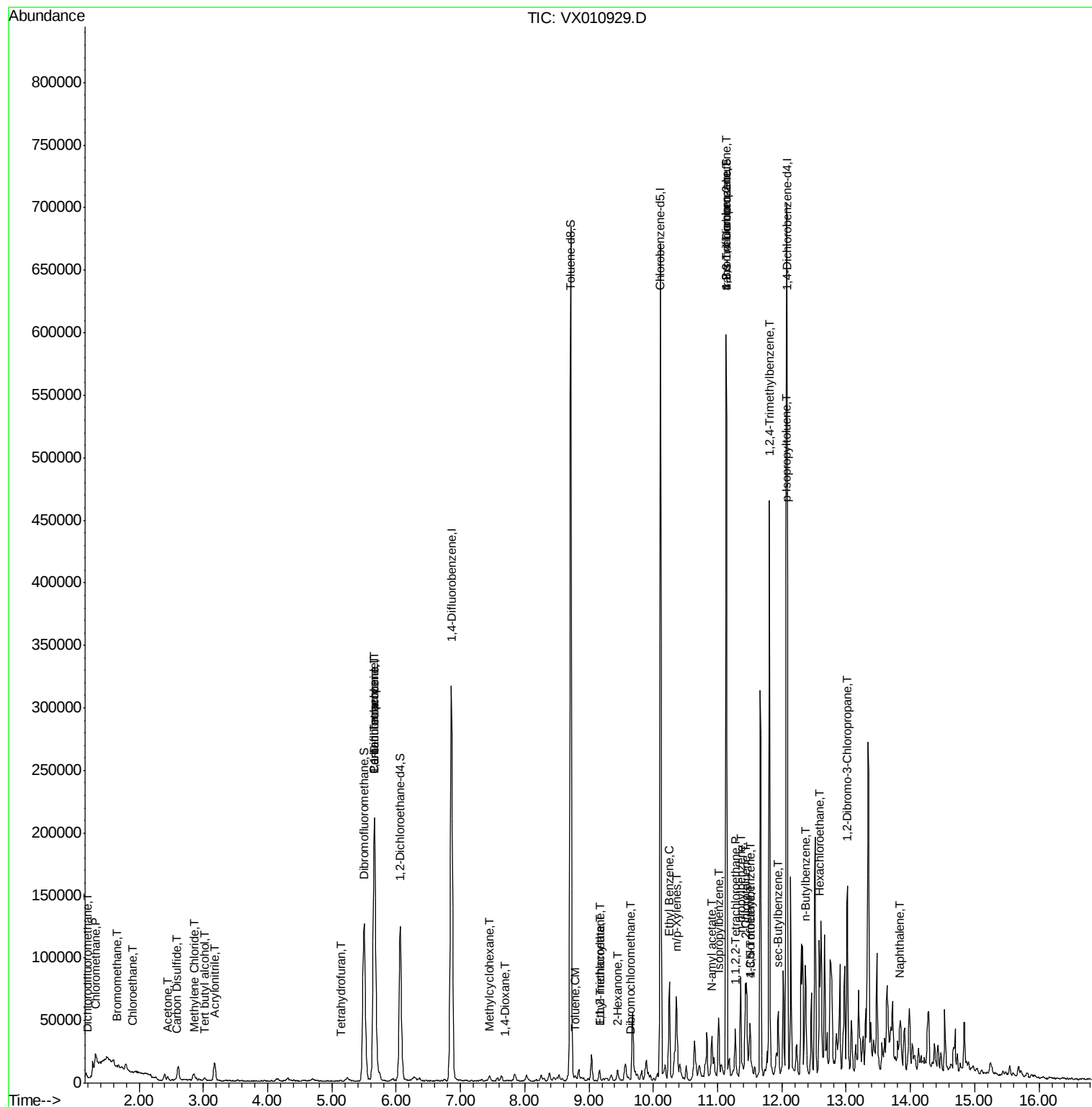
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	4506	3.142	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	590	0.843	ug/l #	1
95) Naphthalene	13.83	128	19624	2.021	ug/l #	87

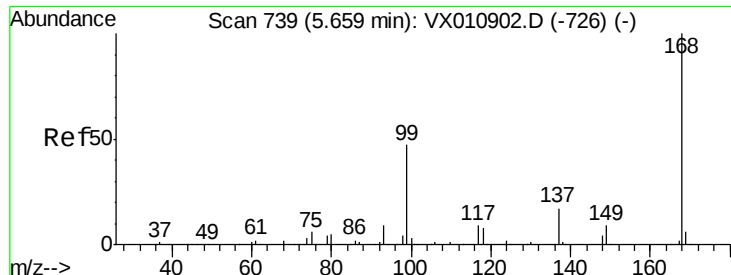
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampled :

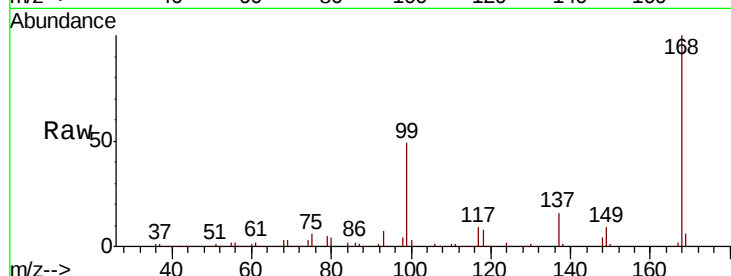
FL-0628

Tot Ion:168 Resp: 214692

Ion Ratio Lower Upper

168 100

99 48.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

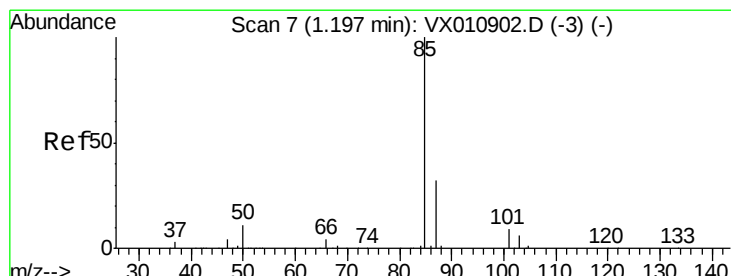
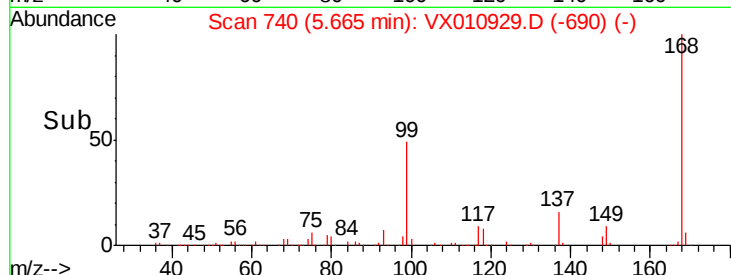
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.585 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010929.D

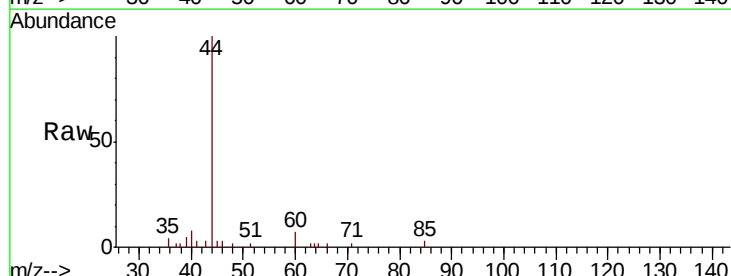
Acq: 17 Jul 2019 12:36

Tgt Ion: 85 Resp: 89

Ion Ratio Lower Upper

85 100

87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120

100

80

60

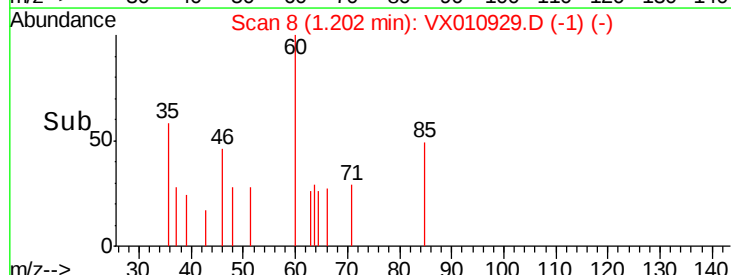
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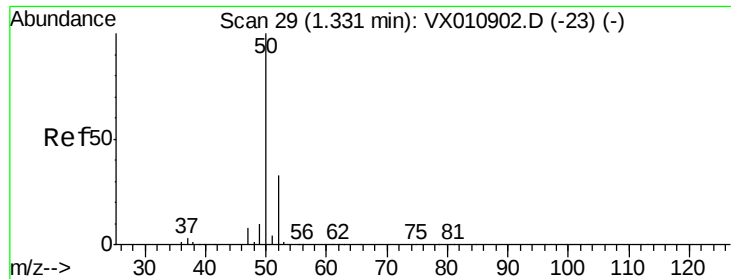
20

0

Time-->

1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: 0.544 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampled :

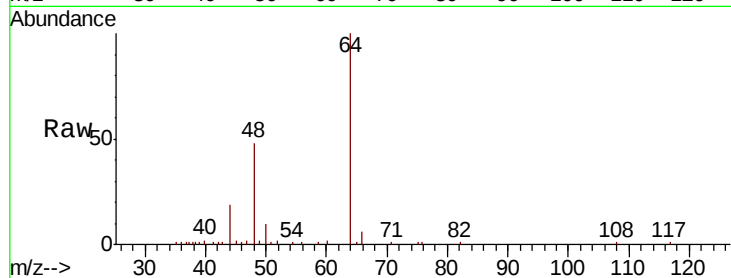
FL-0628

Tot Ion: 50 Resp: 1074

Ion Ratio Lower Upper

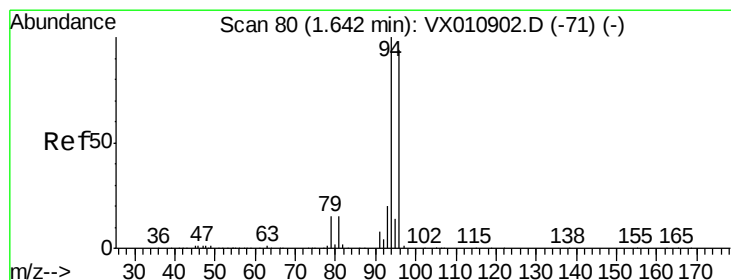
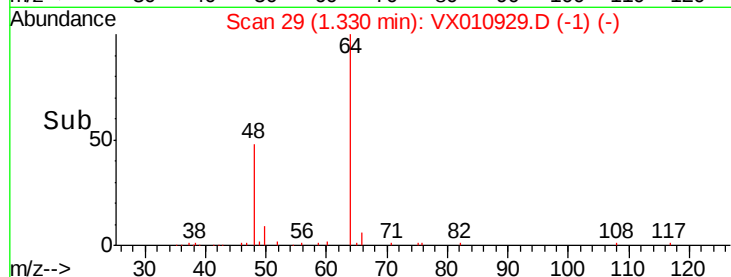
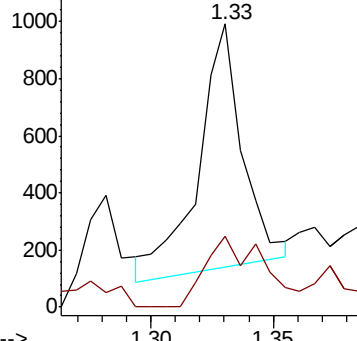
50 100

52 30.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.486 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010929.D

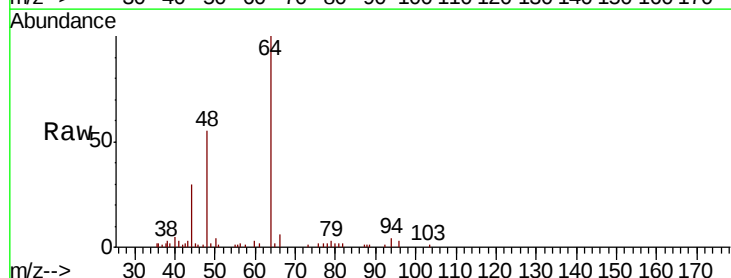
Acq: 17 Jul 2019 12:36

Tgt Ion: 94 Resp: 552

Ion Ratio Lower Upper

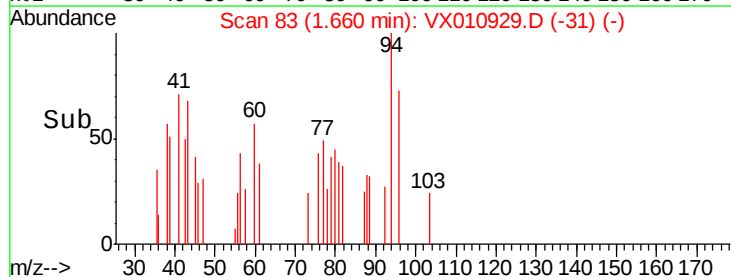
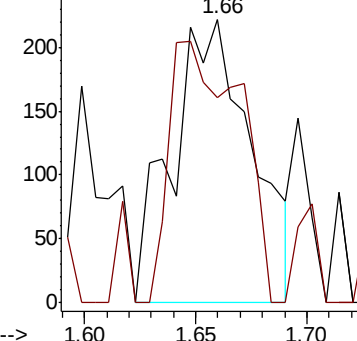
94 100

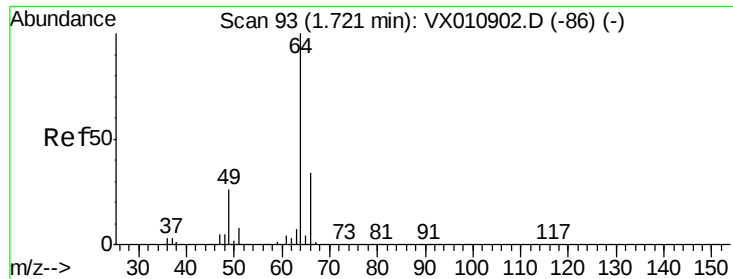
96 72.5 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.336 ug/l

RT: 1.89 min Scan# 121

Delta R.T. 0.17 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

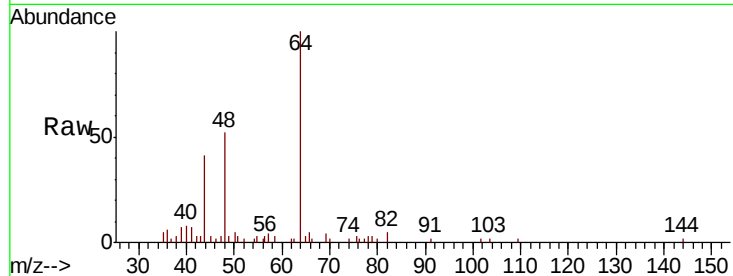
FL-0628

Tot Ion: 64 Resp: 430

Ion Ratio Lower Upper

64 100

66 3.8 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.89

2500

2000

1500

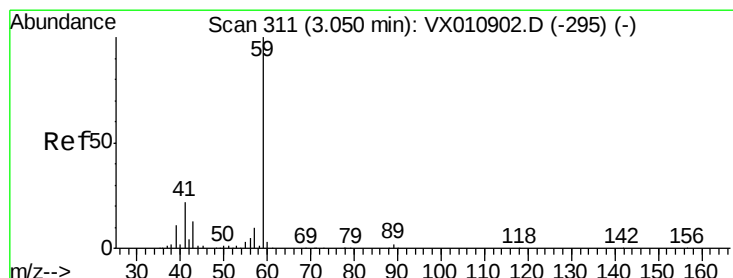
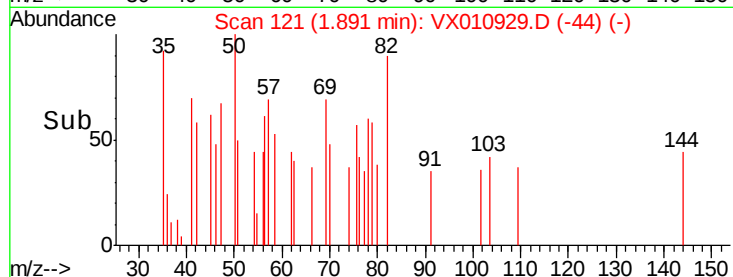
1000

500

0

1.88 1.90 1.92

Time-->



#11

Tert butyl alcohol

Concen: 2.342 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010929.D

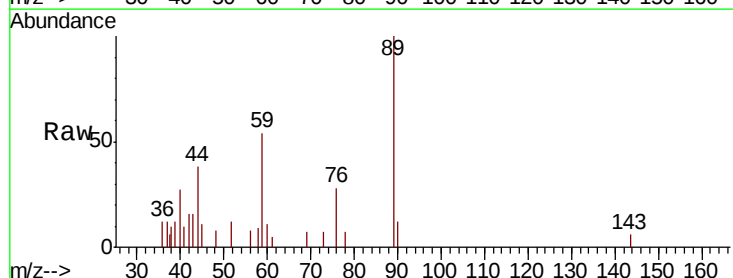
Acq: 17 Jul 2019 12:36

Tgt Ion: 59 Resp: 1246

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

600

500

400

300

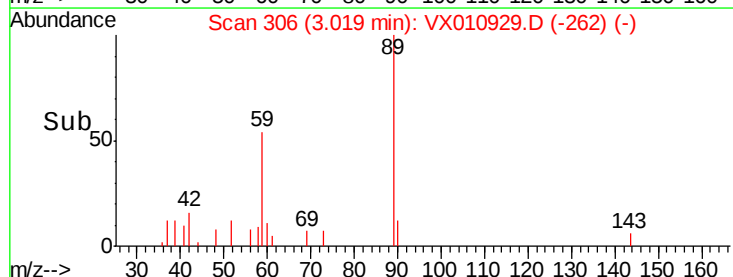
200

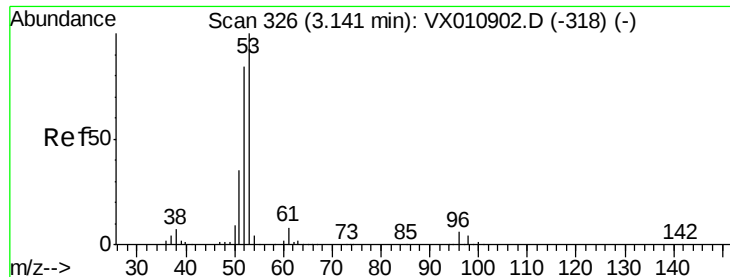
100

0

2.95 3.00 3.05 3.10

Time-->





#15

Acrylonitrile

Concen: 0.605 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampled :

FL-0628

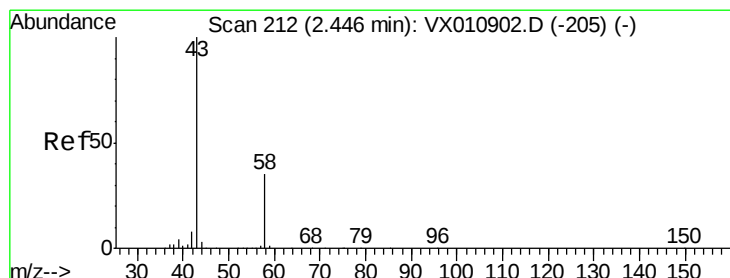
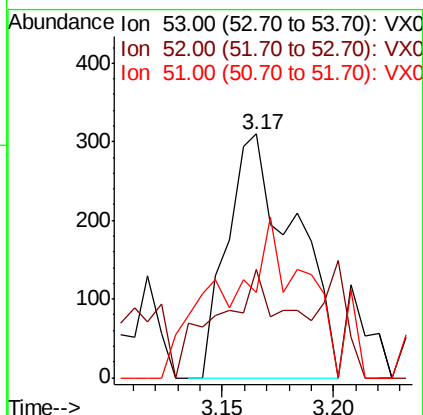
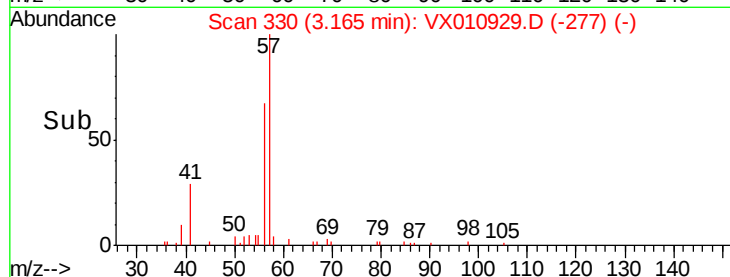
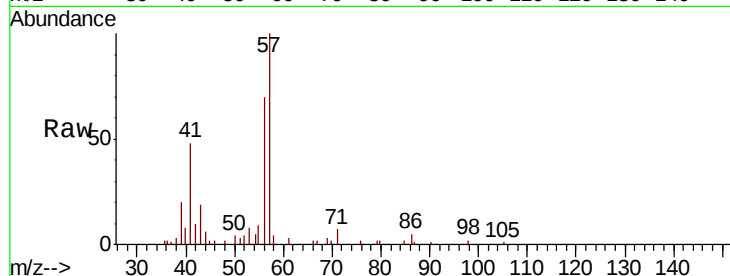
Tot Ion: 53 Resp: 650

Ion Ratio Lower Upper

53 100

52 38.3 66.5 99.7#

51 58.2 28.2 42.4#



#16

Acetone

Concen: 3.312 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010929.D

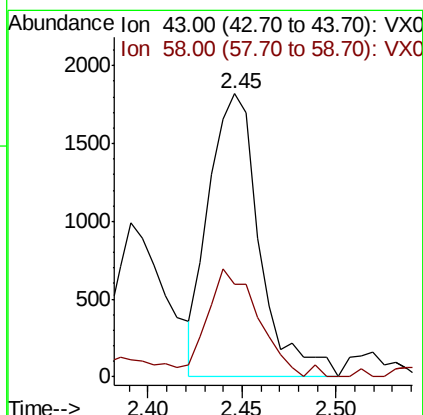
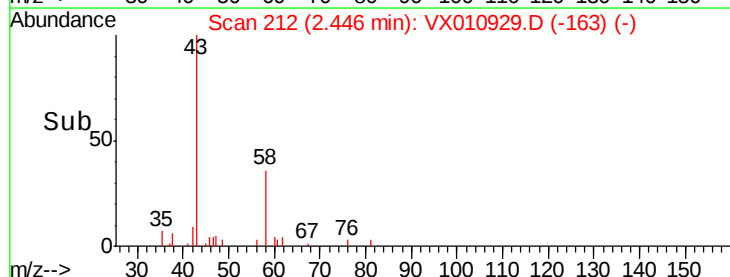
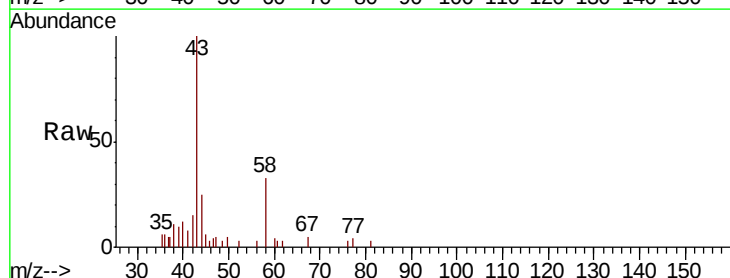
Acq: 17 Jul 2019 12:36

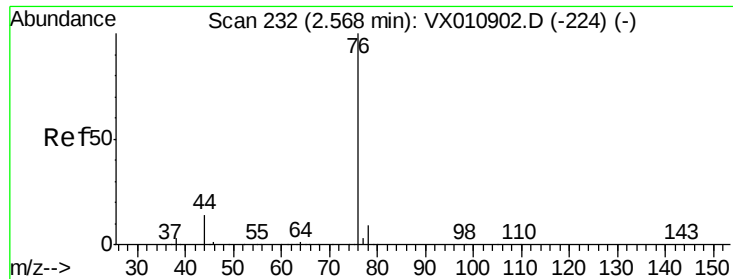
Tgt Ion: 43 Resp: 3417

Ion Ratio Lower Upper

43 100

58 32.7 27.7 41.5

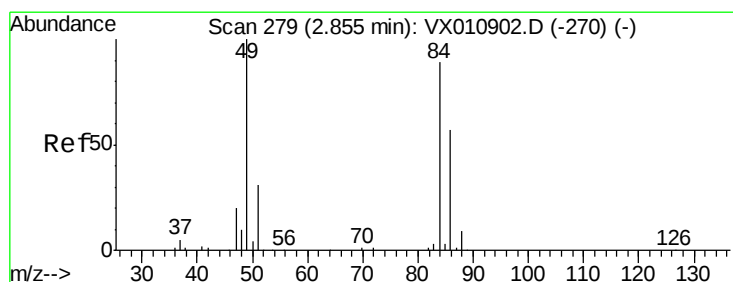
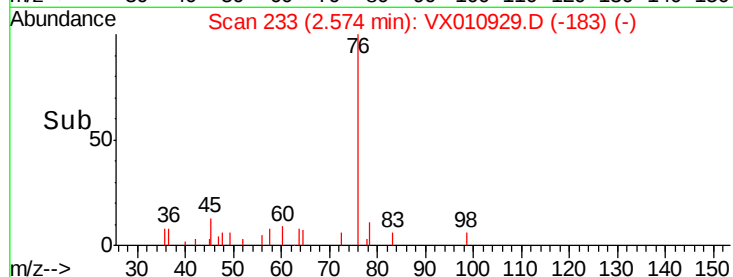
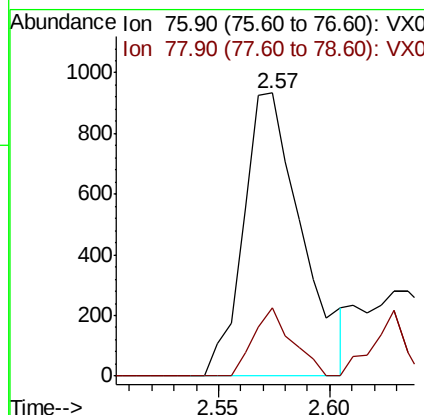
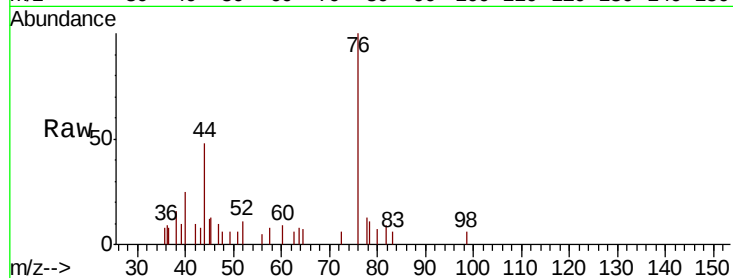




#17
Carbon Disulfide
Concen: 0.347 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

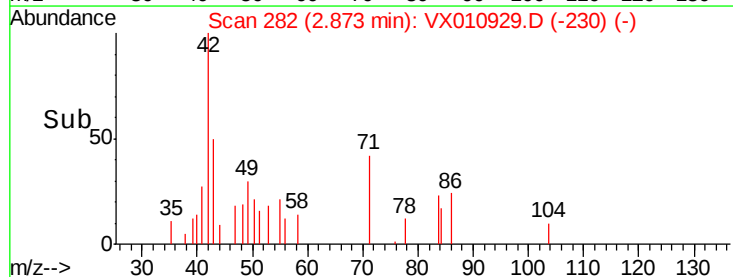
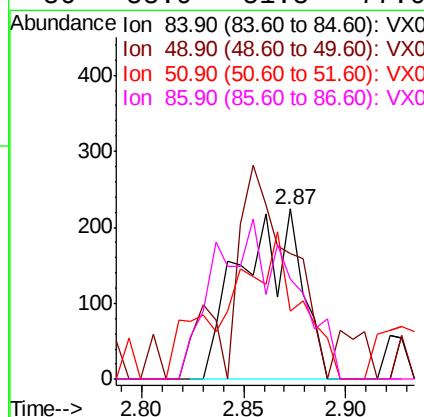
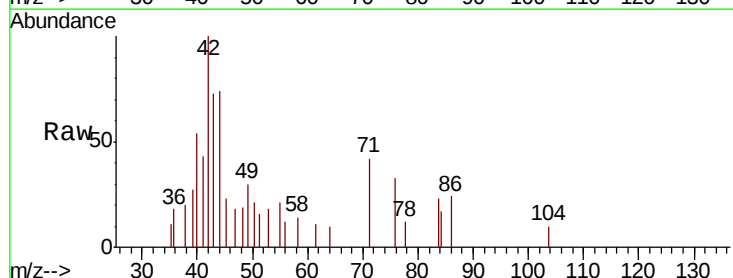
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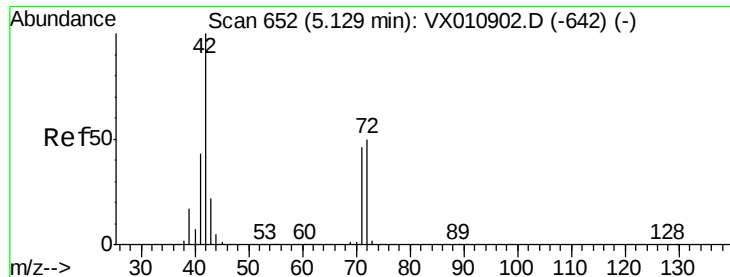
Tot Ion: 76 Resp: 1703
Ion Ratio Lower Upper
76 100
78 24.2 7.4 11.0#



#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 2.87 min Scan# 282
Delta R.T. 0.02 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion: 84 Resp: 459
Ion Ratio Lower Upper
84 100
49 49.1 89.9 134.9#
51 40.2 27.8 41.6
86 58.9 51.8 77.6





#29

Tetrahydrofuran

Concen: 0.214 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampled :

FL-0628

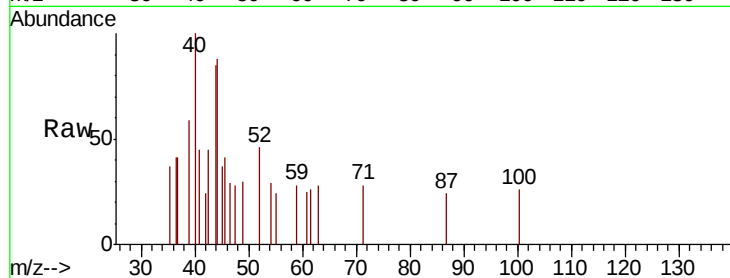
Tot Ion: 42 Resp: 201

Ion Ratio Lower Upper

42 100

72 12.4 39.8 59.8#

71 0.0 37.0 55.4#



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

5.14

150

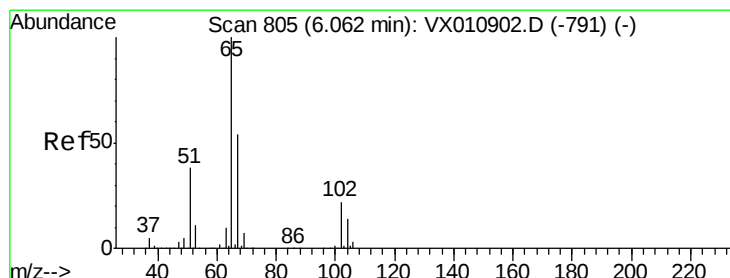
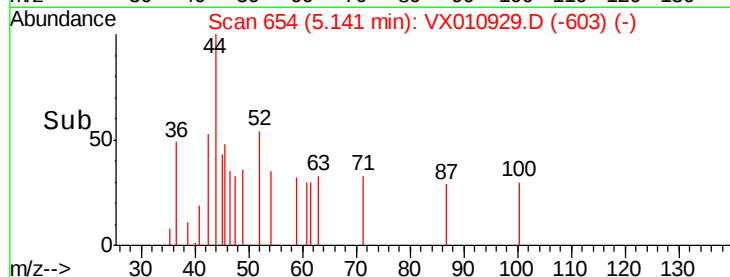
100

50

0

5.12 5.14 5.16

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.671 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010929.D

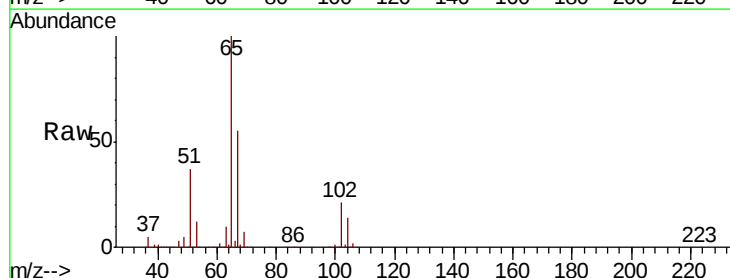
Acq: 17 Jul 2019 12:36

Tgt Ion: 65 Resp: 113448

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

50000

40000

30000

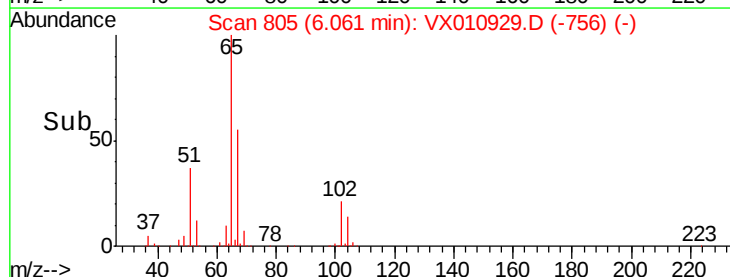
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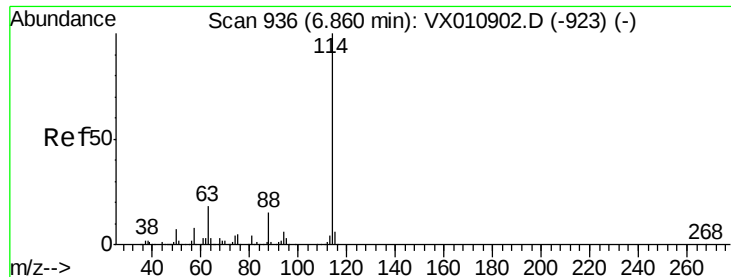
10000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0628

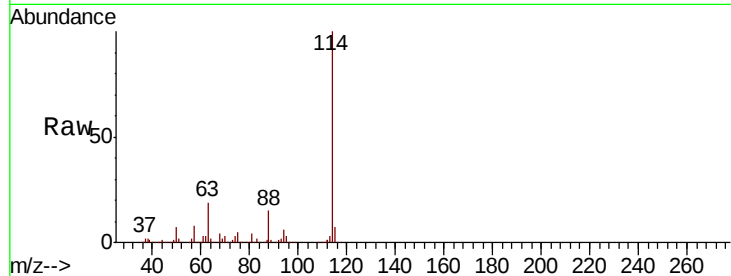
Tot Ion:114 Resp: 337131

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.6

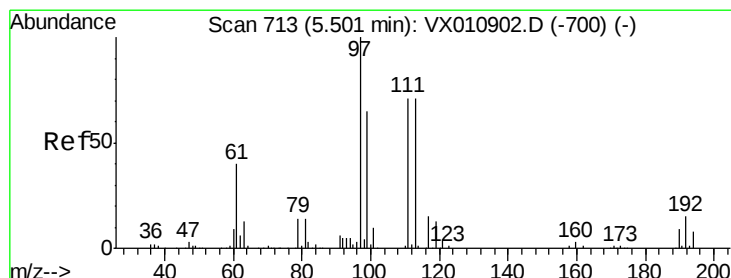
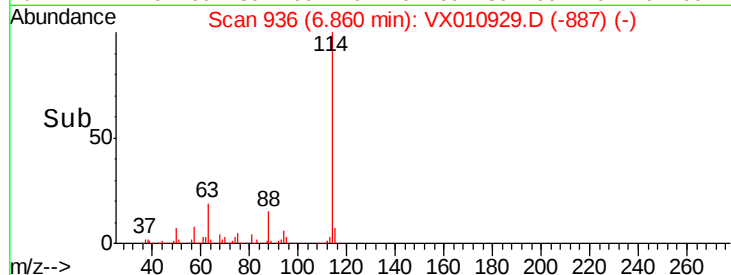
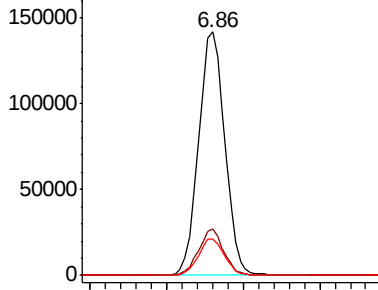
88 15.1 0.0 29.8



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: 49.971 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

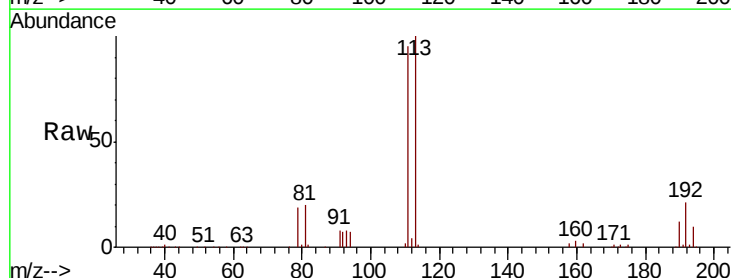
Tgt Ion:113 Resp: 106929

Ion Ratio Lower Upper

113 100

111 99.1 82.3 123.5

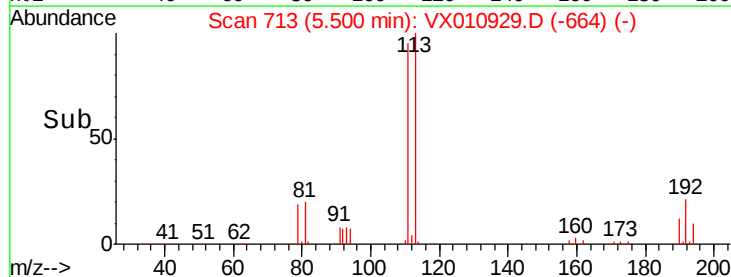
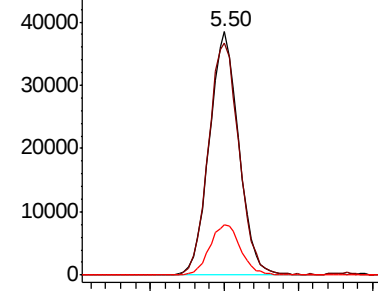
192 21.6 17.4 26.2

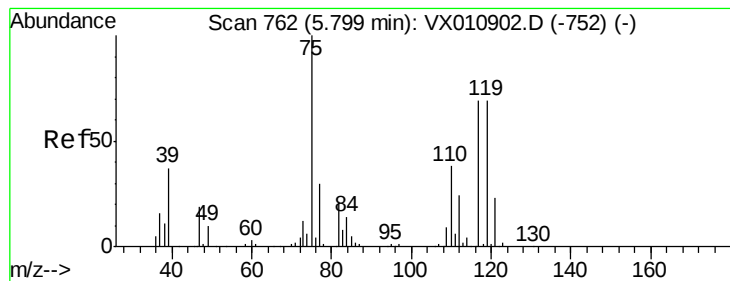


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.087 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0628

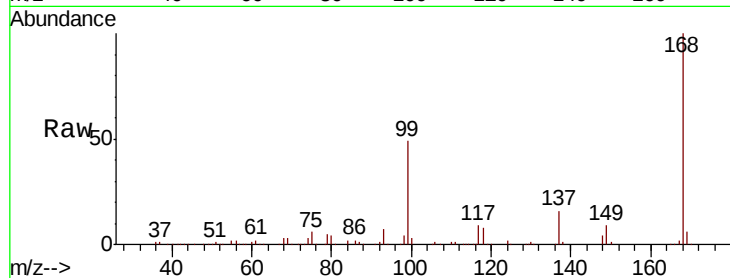
Tot Ion: 75 Resp: 14087

Ion Ratio Lower Upper

75 100

110 11.2 19.9 59.7#

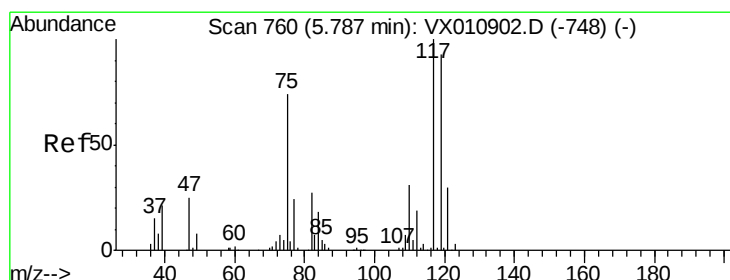
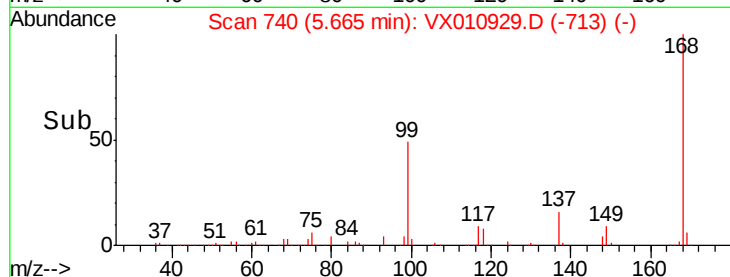
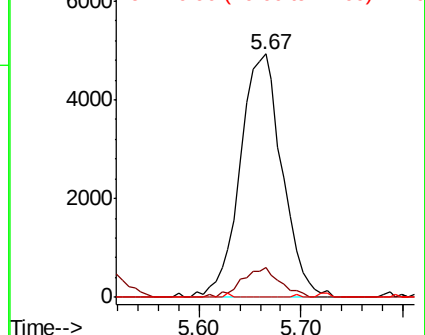
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.918 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

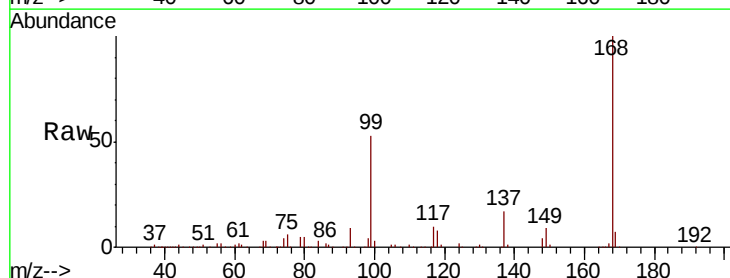
Tgt Ion: 117 Resp: 19964

Ion Ratio Lower Upper

117 100

119 5.1 74.2 111.2#

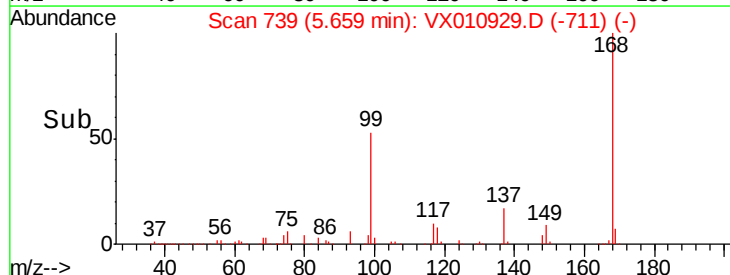
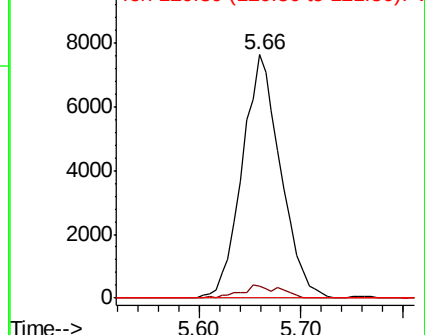
121 0.0 24.2 36.2#

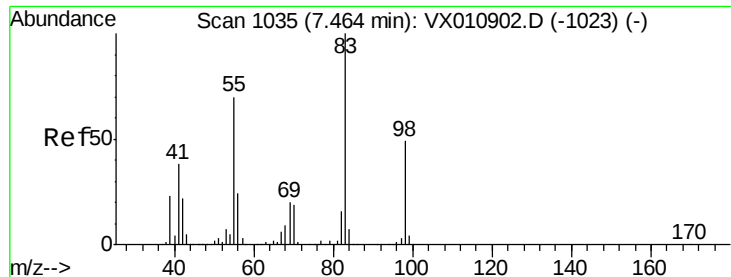


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

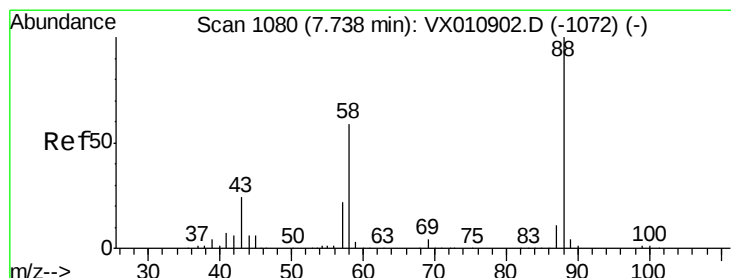
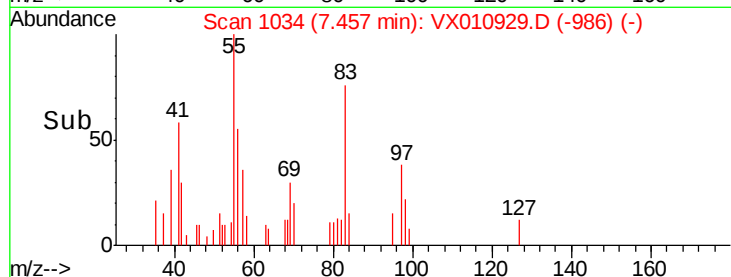
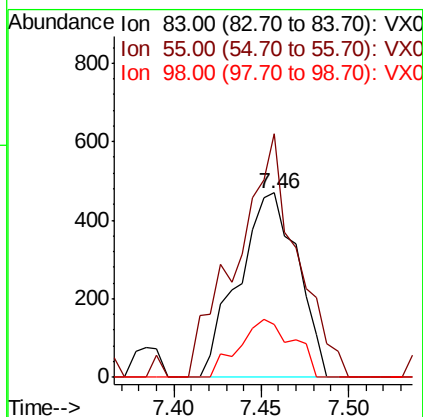
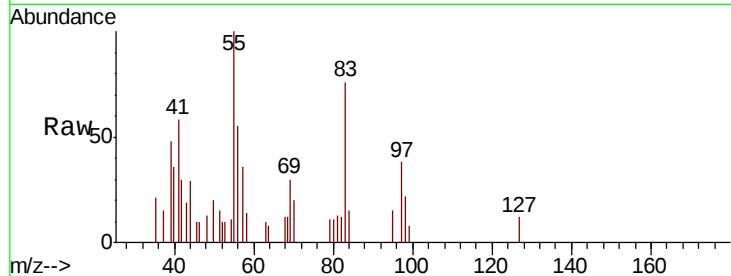




#39
Methylcyclohexane
Concen: 0.308 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

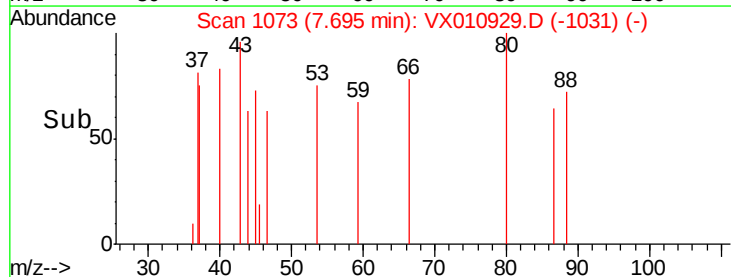
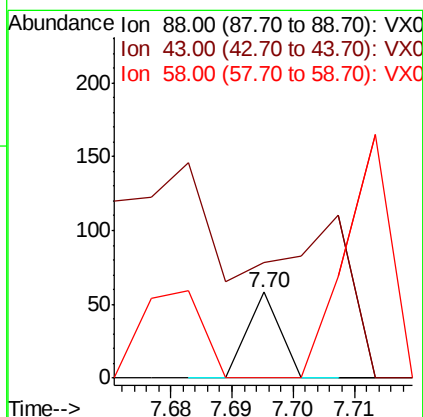
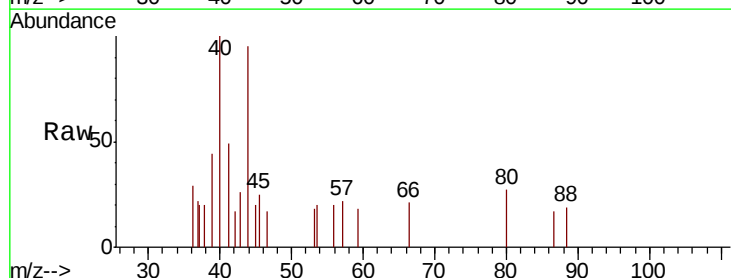
Instrument :
MSVOA_X
ClientSampled :
FL-0628

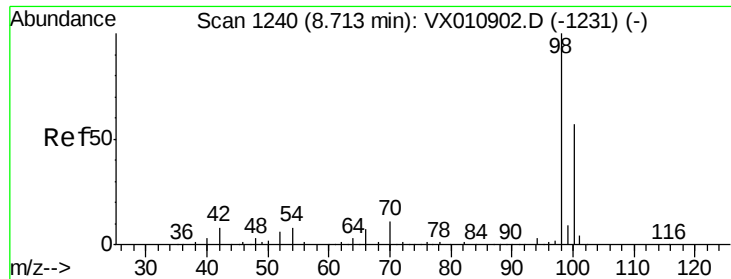
Tot Ion: 83 Resp: 1106
Ion Ratio Lower Upper
83 100
55 131.9 56.2 84.4#
98 28.5 39.0 58.4#



#49
1,4-Dioxane
Concen: 0.331 ug/l
RT: 7.70 min Scan# 1073
Delta R.T. -0.04 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 195.2 49.8 74.8#

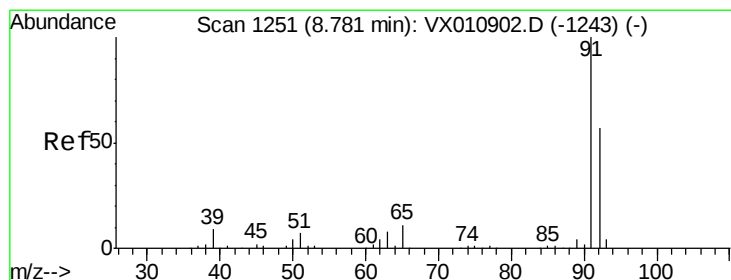
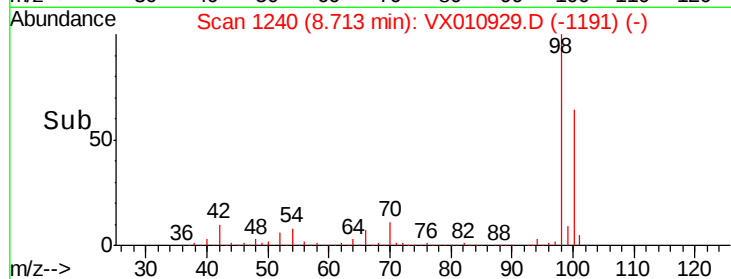
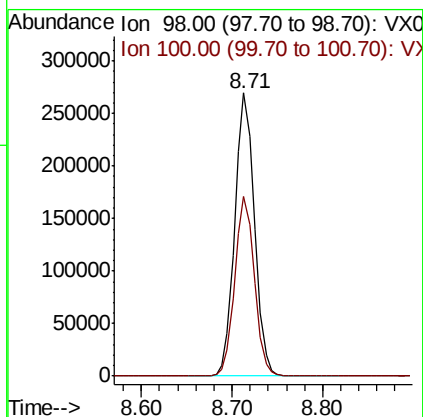
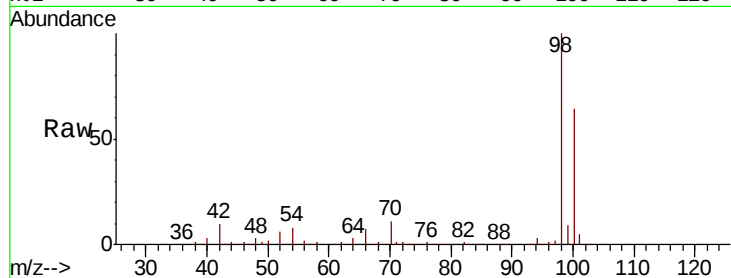




#50
Toluene-d8
Concen: 50.711 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

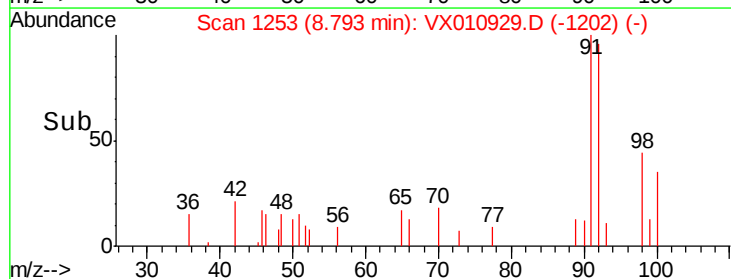
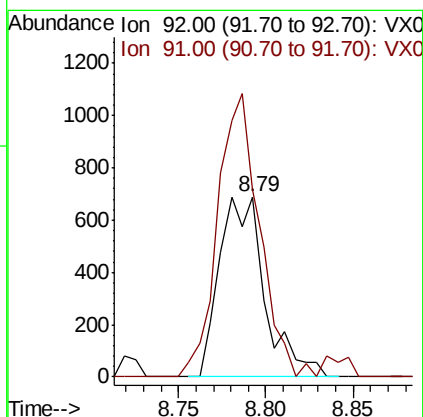
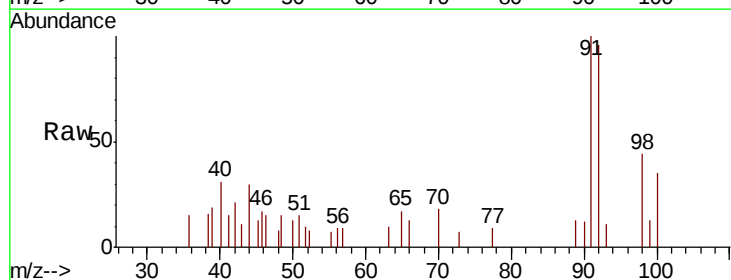
Instrument :
MSVOA_X
ClientSampleId :
FL-0628

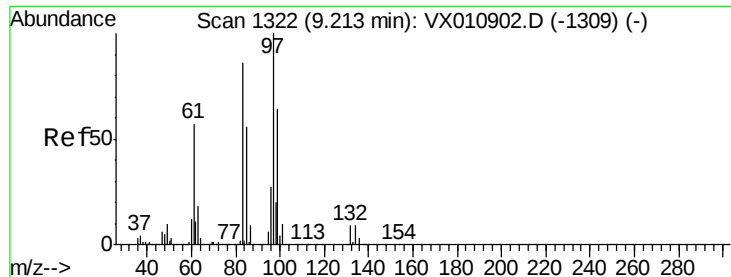
Tot Ion: 98 Resp: 406991
Ion Ratio Lower Upper
98 100
100 63.3 50.6 75.8



#52
Toluene
Concen: 0.222 ug/l
RT: 8.79 min Scan# 1253
Delta R.T. 0.01 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion: 92 Resp: 1239
Ion Ratio Lower Upper
92 100
91 145.1 139.4 209.0





#55

1,1,2-Trichloroethane

Concen: 1.403 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.06 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0628

Tot Ion: 97 Resp: 3219

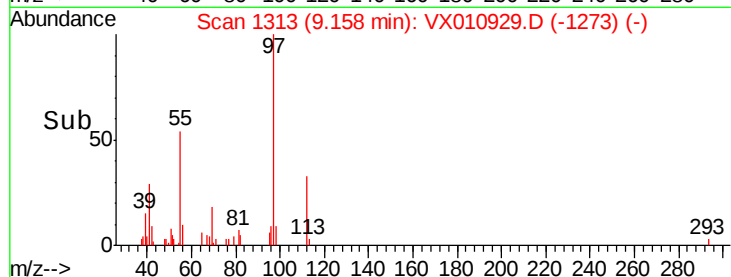
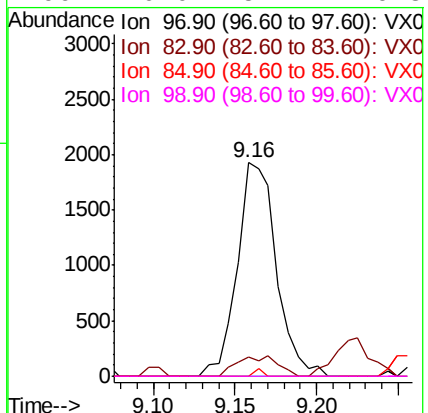
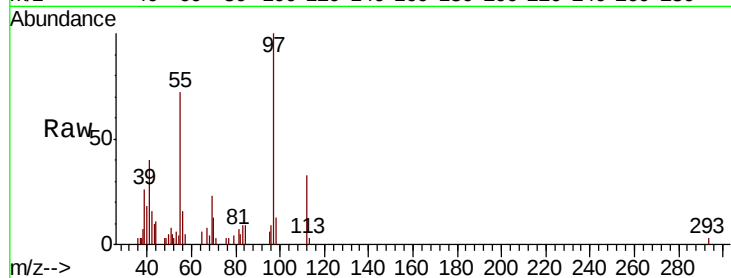
Ion Ratio Lower Upper

97 100

83 8.8 69.2 103.8#

85 0.0 44.6 66.8#

99 0.0 51.2 76.8#



#56

Ethyl methacrylate

Concen: 0.229 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

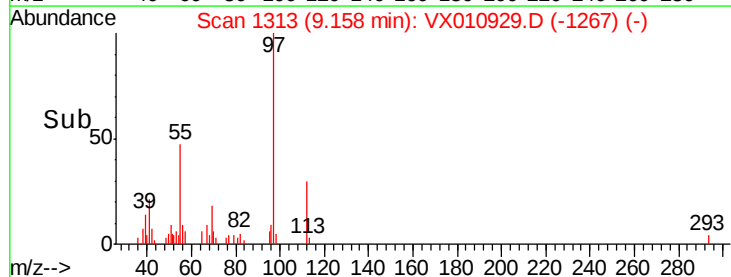
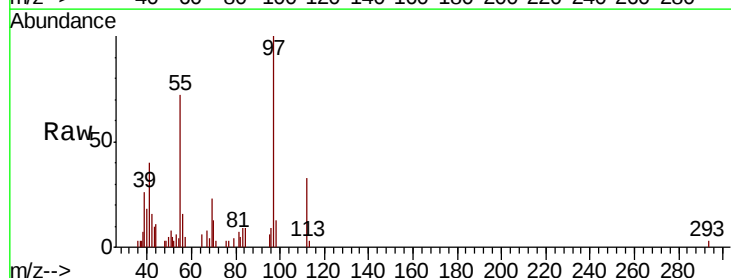
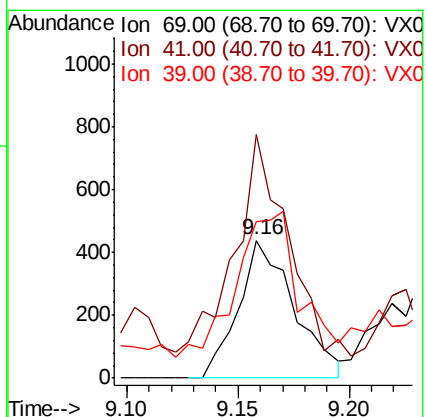
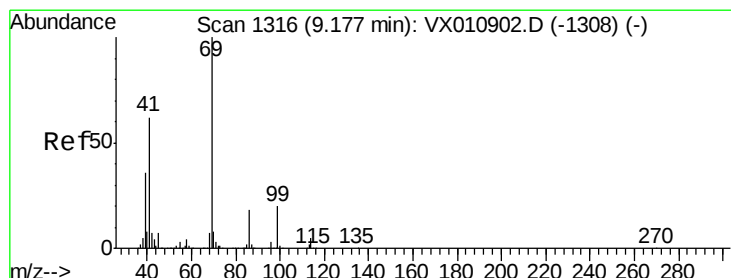
Tgt Ion: 69 Resp: 768

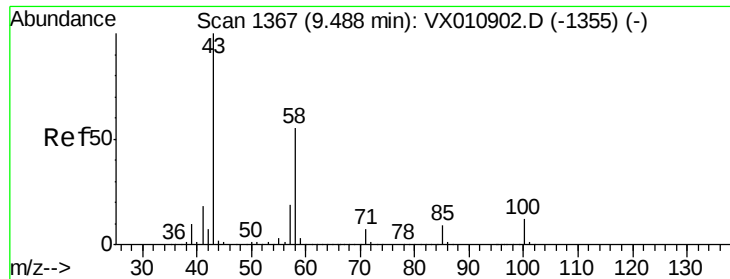
Ion Ratio Lower Upper

69 100

41 151.4 49.7 74.5#

39 117.8 29.6 44.4#

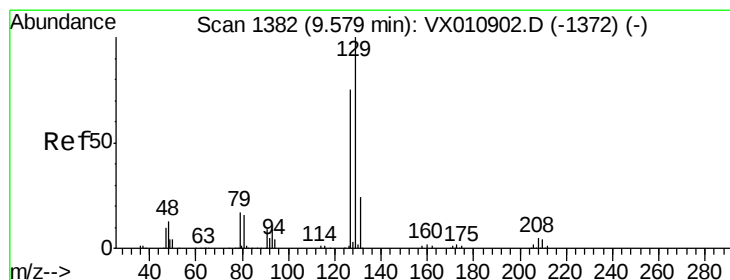
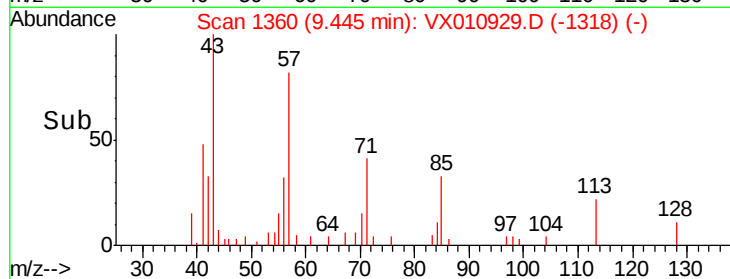
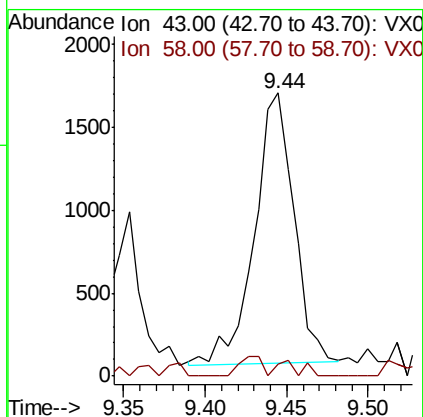
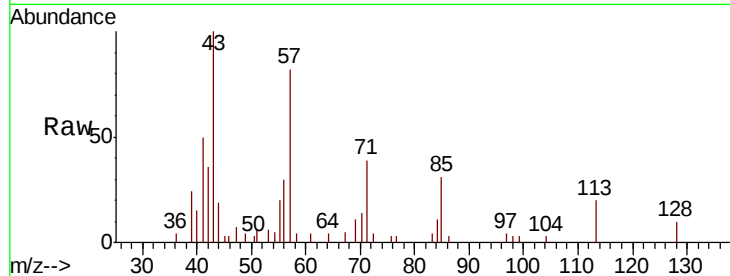




#59
2-Hexanone
Concen: 1.173 ug/l
RT: 9.44 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

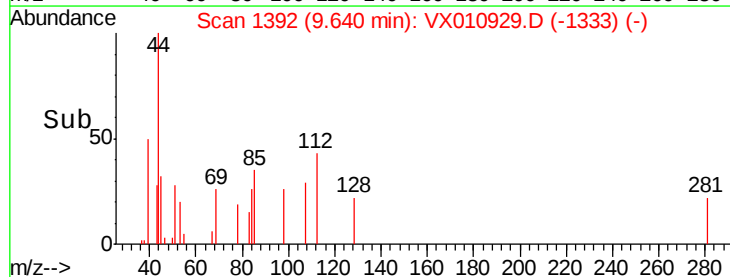
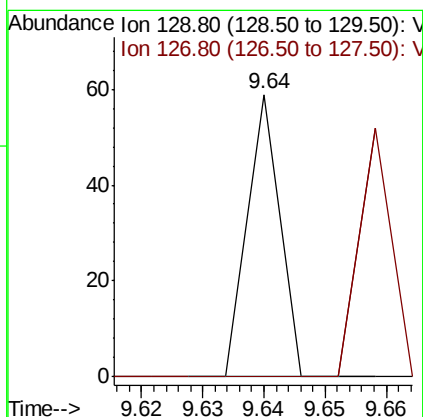
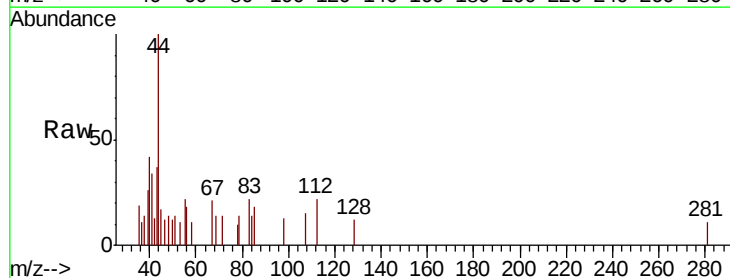
Instrument :
MSVOA_X
ClientSampleId :
FL-0628

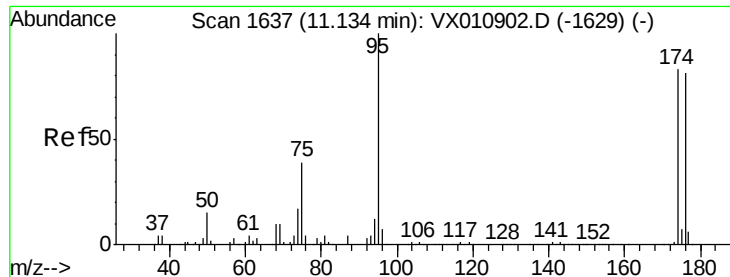
Tot Ion: 43 Resp: 2750
Ion Ratio Lower Upper
43 100
58 3.3 28.0 83.9#



#60
Dibromochloromethane
Concen: 2.536 ug/l
RT: 9.64 min Scan# 1392
Delta R.T. 0.06 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion: 129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 49.479 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0628

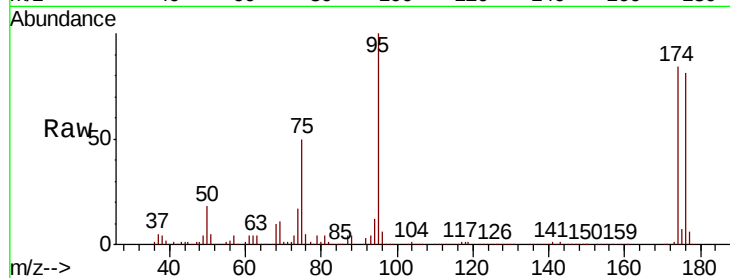
Tot Ion: 95 Resp: 145966

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.6

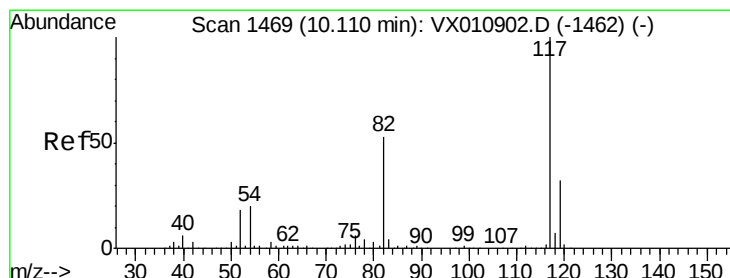
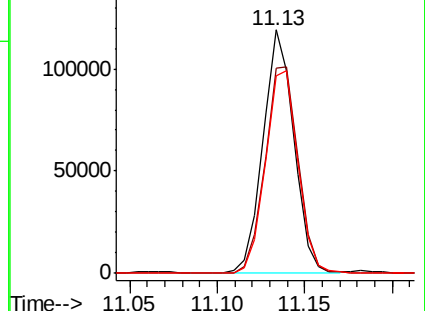
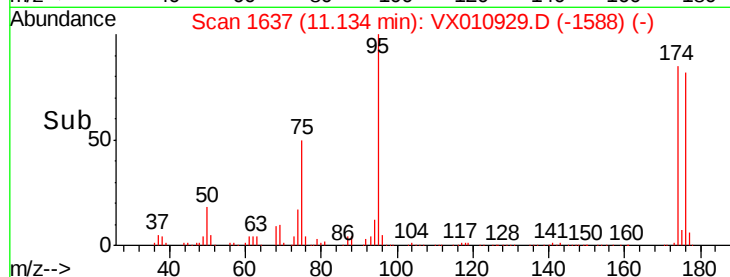
176 87.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010929.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010929.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010929.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

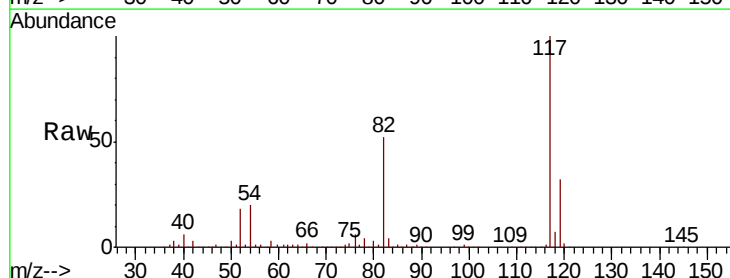
Tgt Ion: 117 Resp: 315472

Ion Ratio Lower Upper

117 100

82 51.8 42.6 63.8

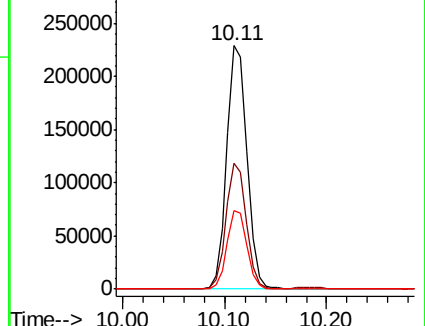
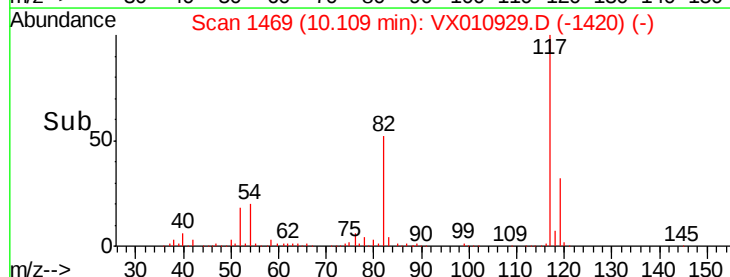
119 32.3 25.9 38.9

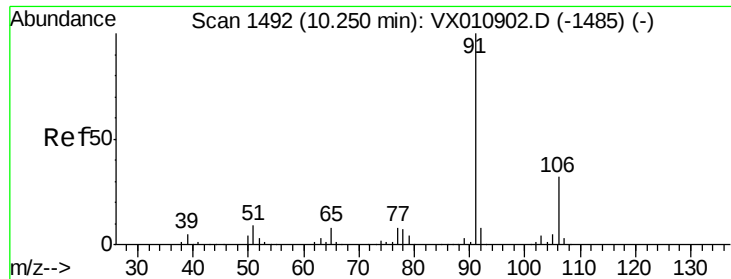


Abundance Ion 116.90 (116.60 to 117.60): VX010929.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010929.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010929.D (-1420) (-)

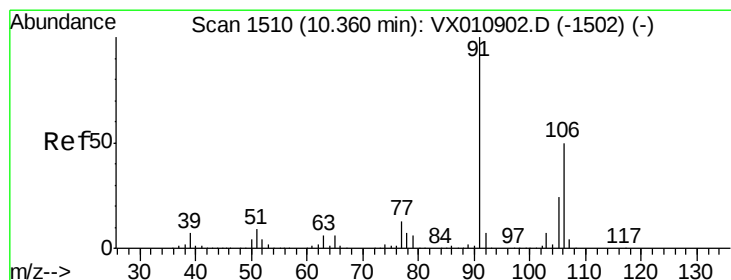
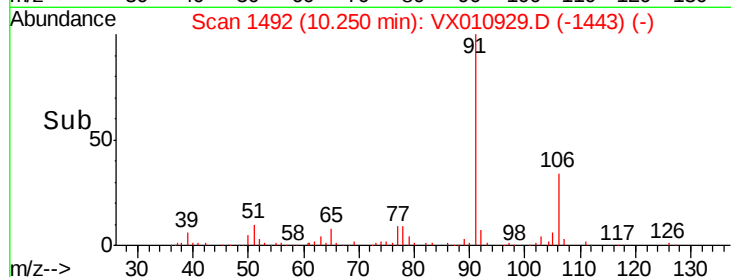
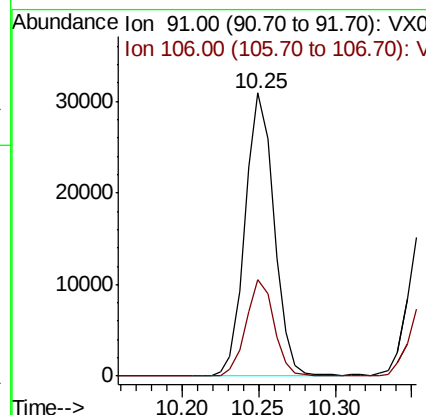
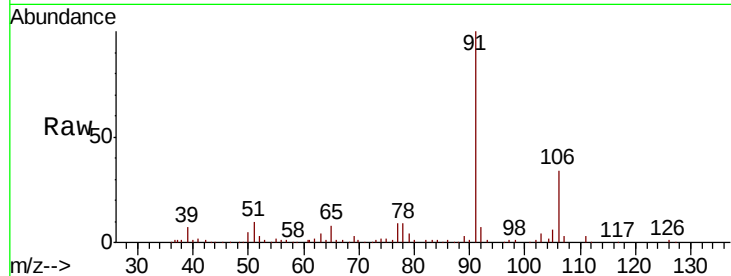




#67
Ethyl Benzene
Concen: 3.697 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

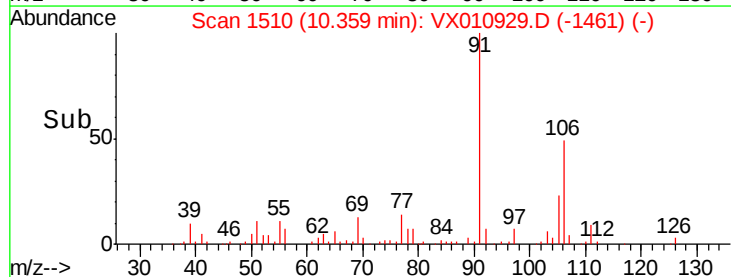
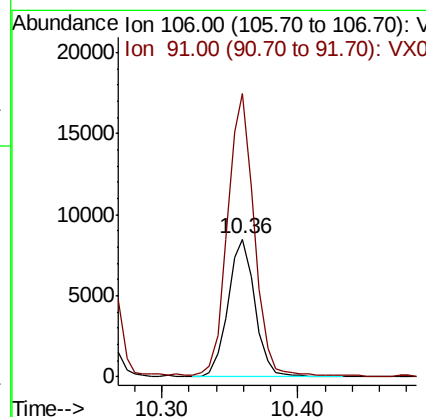
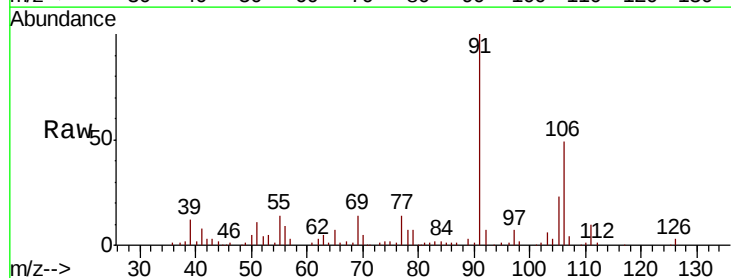
Instrument :
MSVOA_X
ClientSampleId :
FL-0628

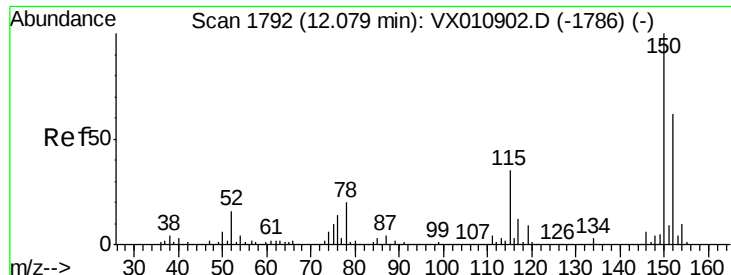
Tot Ion: 91 Resp: 40770
Ion Ratio Lower Upper
91 100
106 34.0 25.4 38.2



#68
m/p-Xylenes
Concen: 2.747 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Tgt Ion: 106 Resp: 11623
Ion Ratio Lower Upper
106 100
91 201.4 160.1 240.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampled :

FL-0628

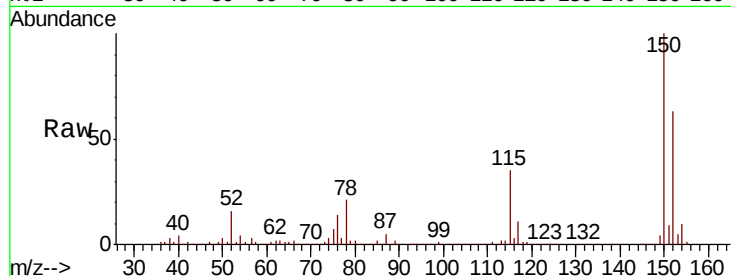
Tot Ion:152 Resp: 151347

Ion Ratio Lower Upper

152 100

115 56.6 39.7 119.1

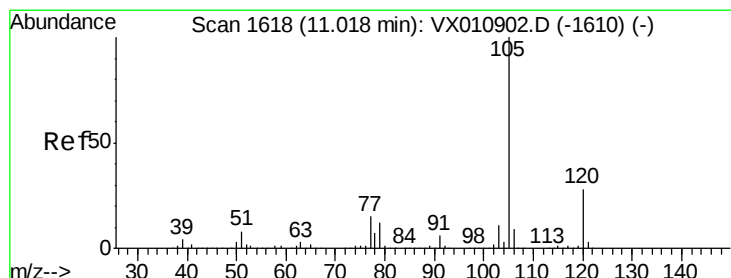
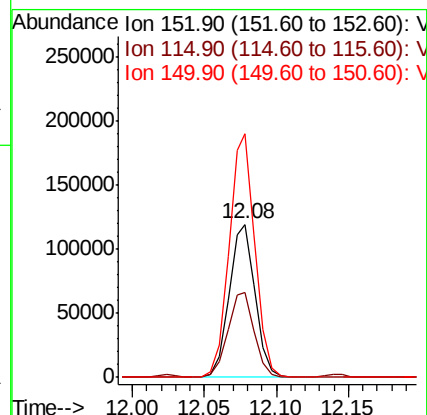
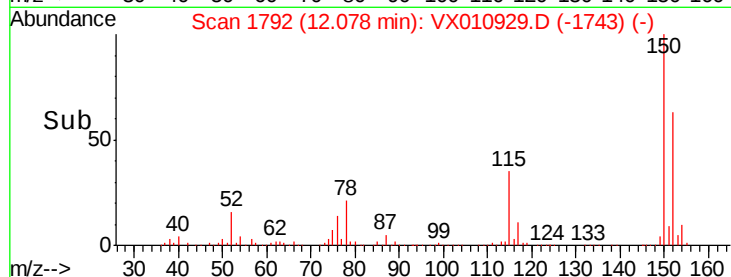
150 157.5 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.350 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010929.D

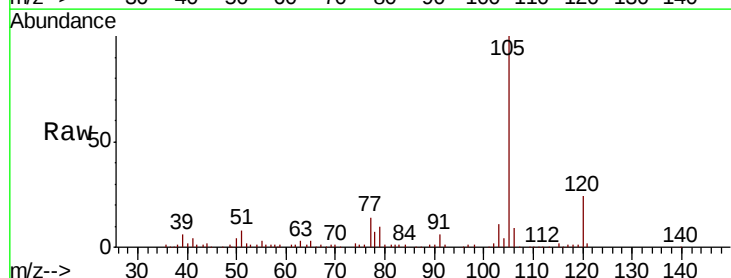
Acq: 17 Jul 2019 12:36

Tgt Ion:105 Resp: 24029

Ion Ratio Lower Upper

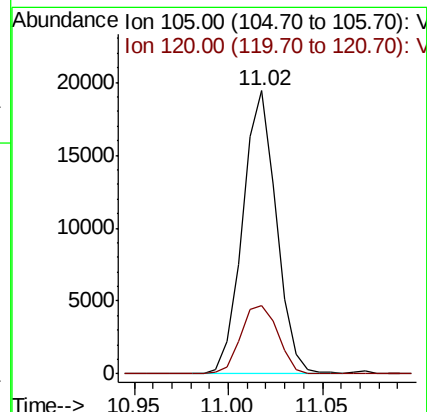
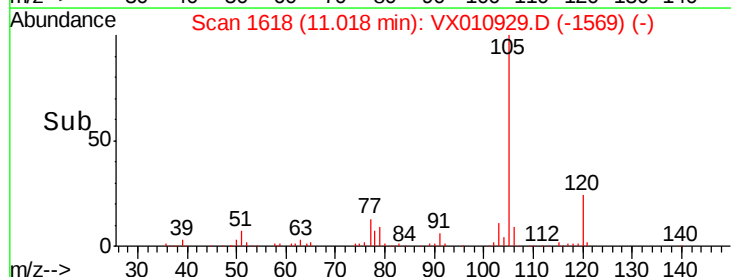
105 100

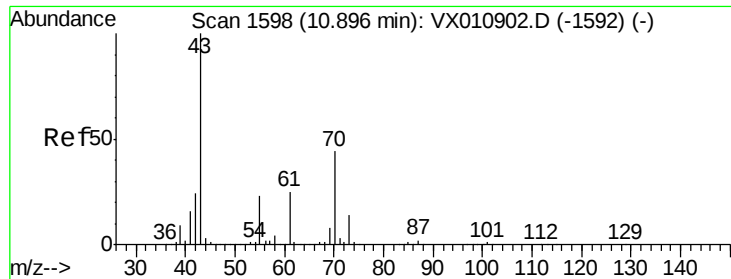
120 26.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 0.579 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0628

Tot Ion: 43 Resp: 2264

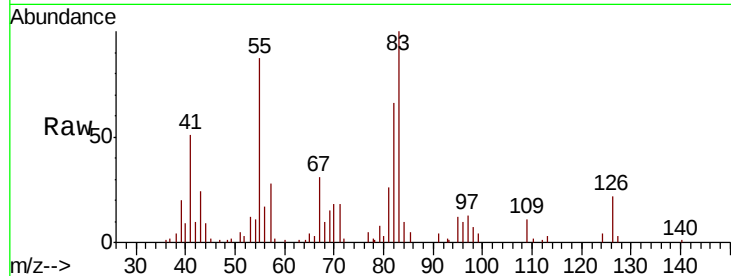
Ion Ratio Lower Upper

43 100

70 91.4 34.7 52.1#

55 347.1 19.1 28.7#

61 0.0 19.9 29.9#

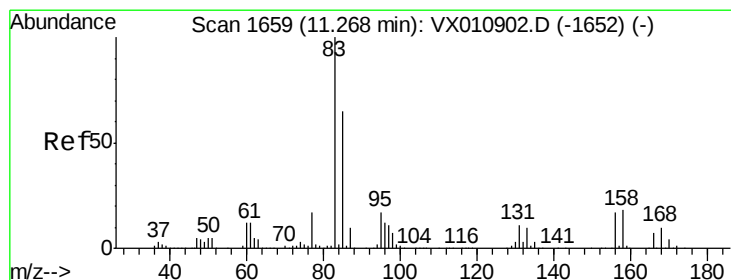
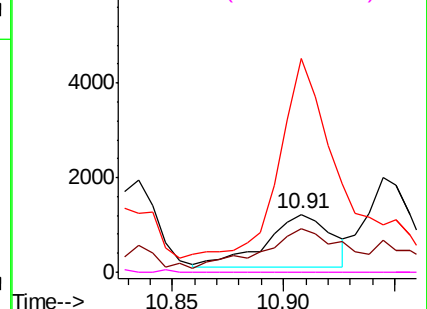
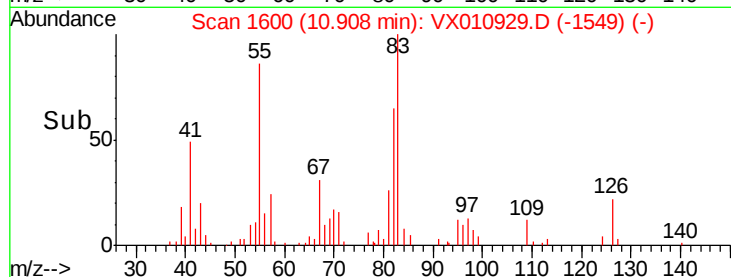


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.694 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

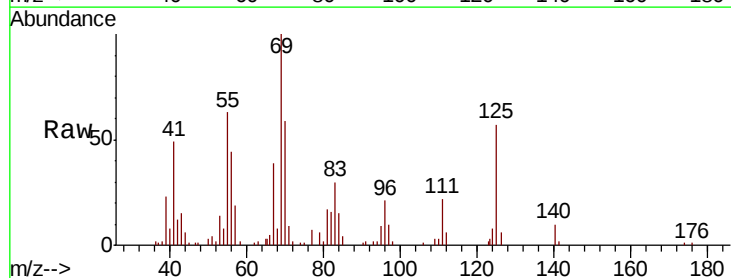
Tgt Ion: 83 Resp: 2323

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

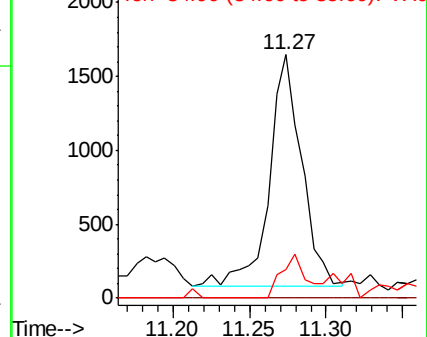
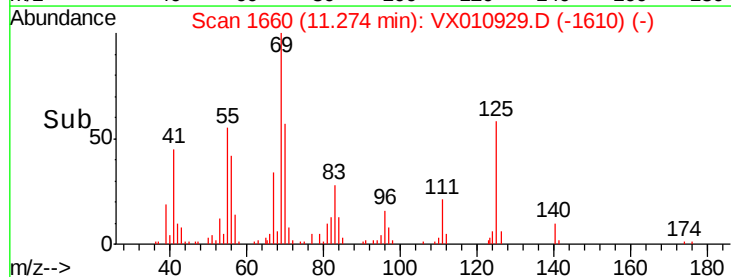
85 15.2 32.3 96.9#

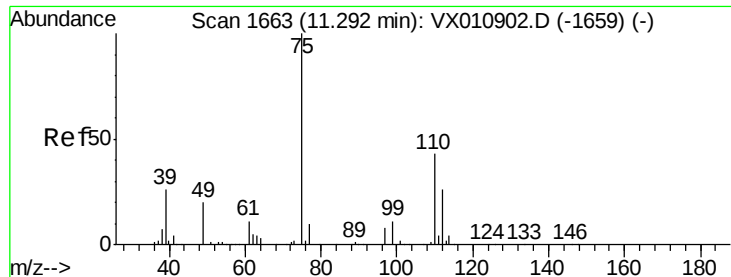


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 26.258 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

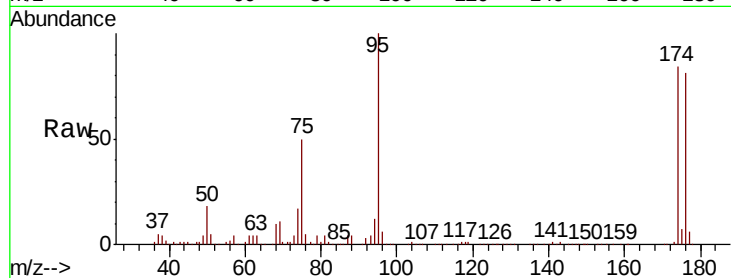
FL-0628

Tot Ion: 75 Resp: 71714

Ion Ratio Lower Upper

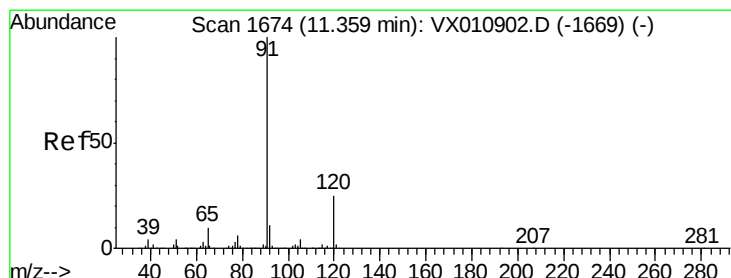
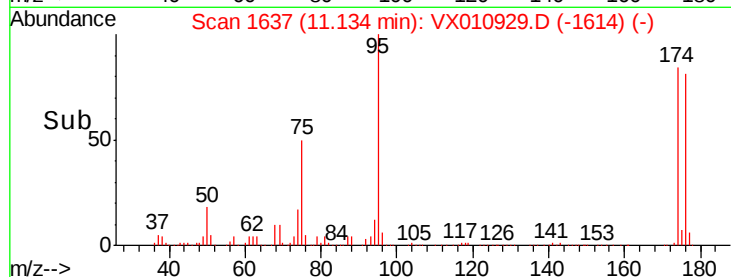
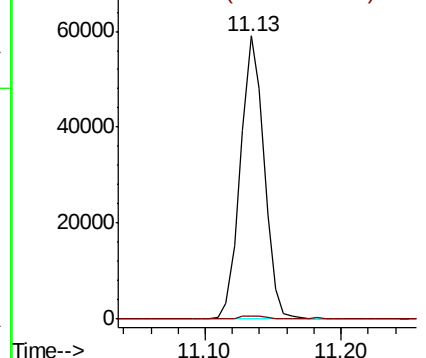
75 100

77 1.2 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 4.156 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010929.D

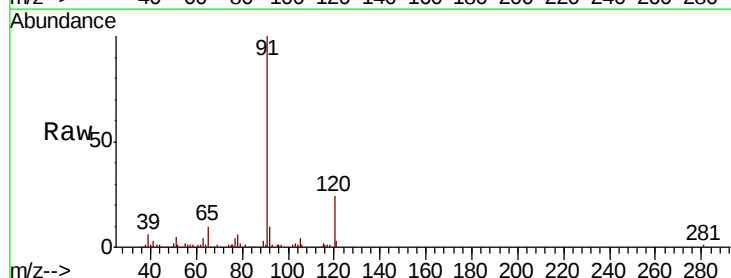
Acq: 17 Jul 2019 12:36

Tgt Ion: 91 Resp: 46963

Ion Ratio Lower Upper

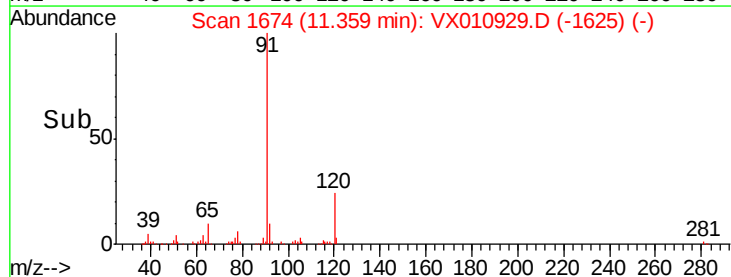
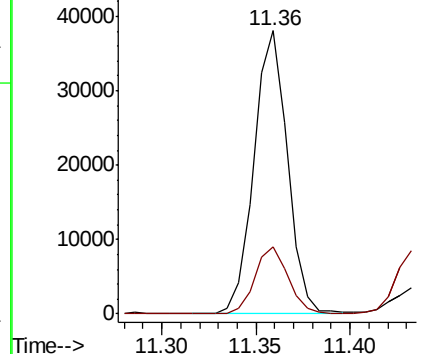
91 100

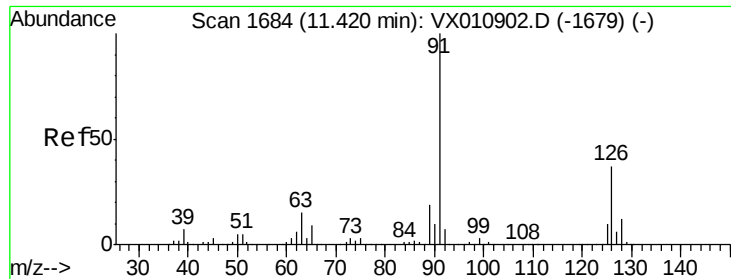
120 23.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.176 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

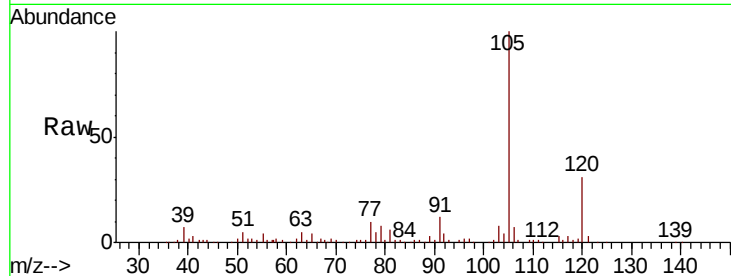
FL-0628

Tot Ion: 91 Resp: 7980

Ion Ratio Lower Upper

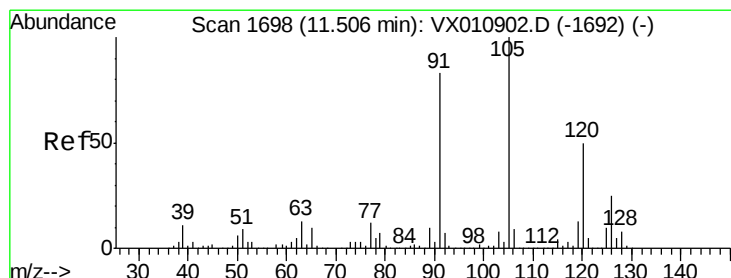
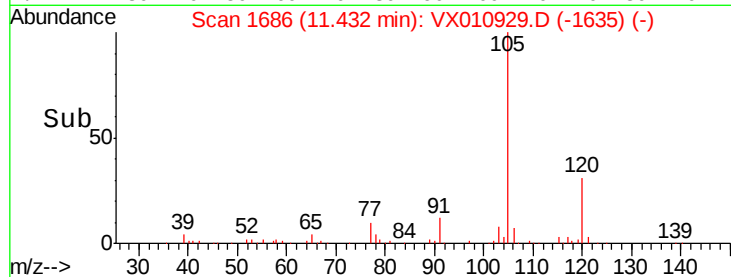
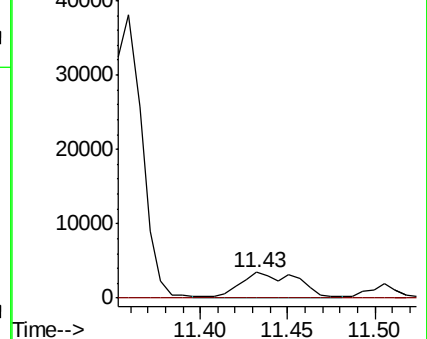
91 100

126 0.3 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX010929.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010929.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.868 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010929.D

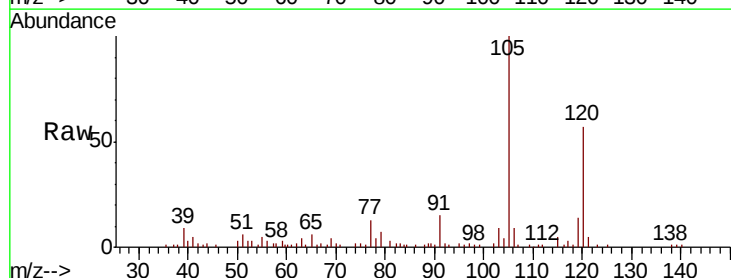
Acq: 17 Jul 2019 12:36

Tgt Ion:105 Resp: 15963

Ion Ratio Lower Upper

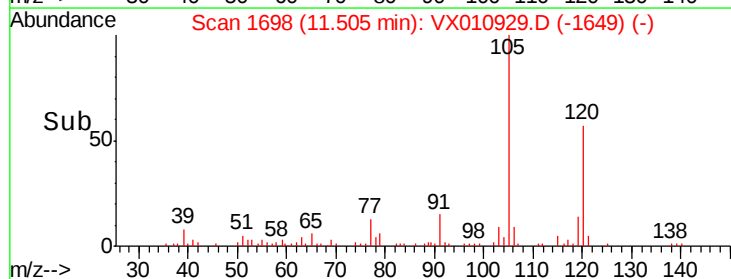
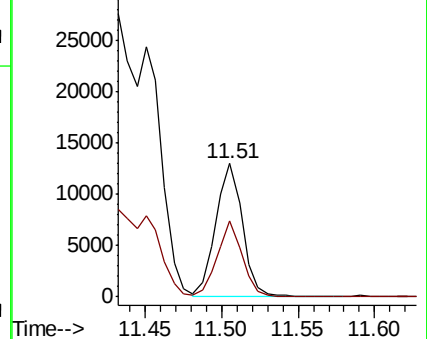
105 100

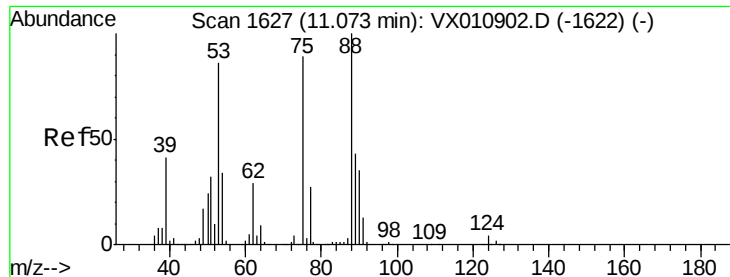
120 52.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010929.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX010929.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 65.211 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0628

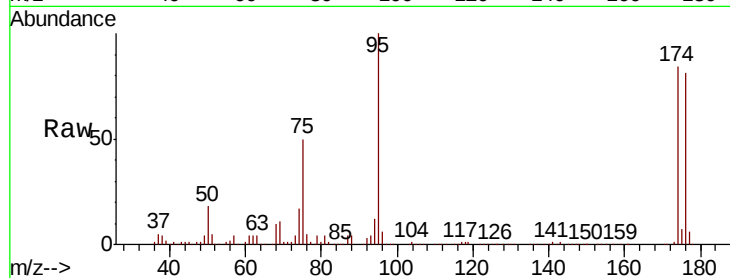
Tot Ion: 75 Resp: 71714

Ion Ratio Lower Upper

75 100

53 0.6 76.7 115.1#

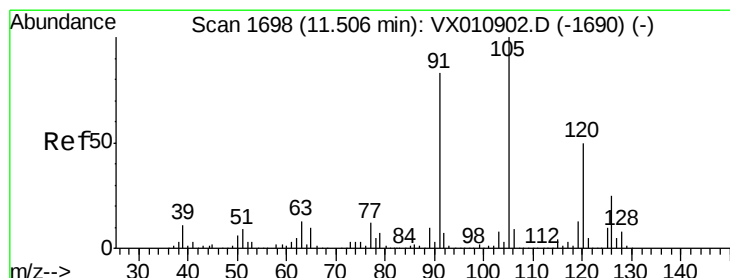
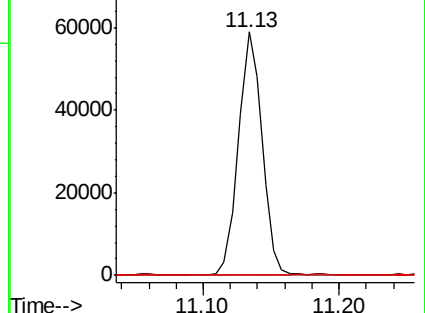
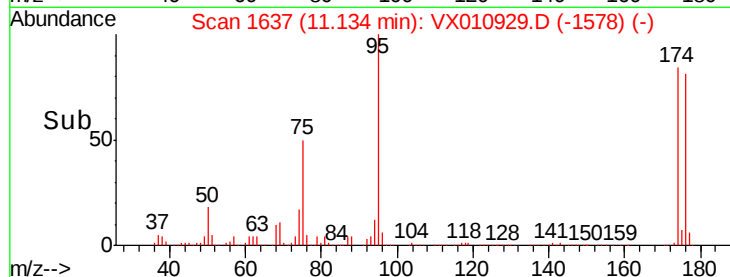
89 0.0 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.289 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010929.D

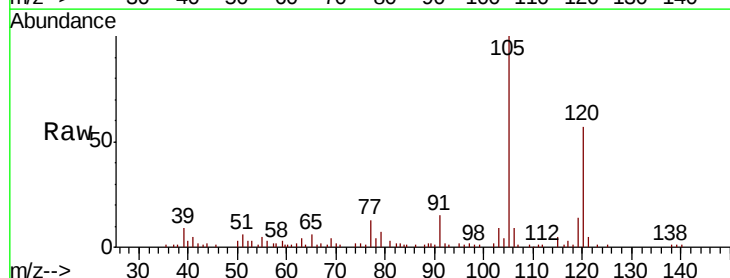
Acq: 17 Jul 2019 12:36

Tgt Ion: 91 Resp: 2285

Ion Ratio Lower Upper

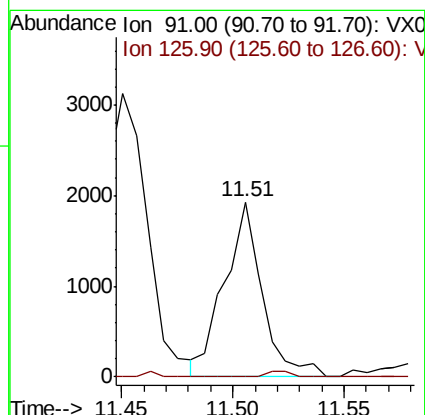
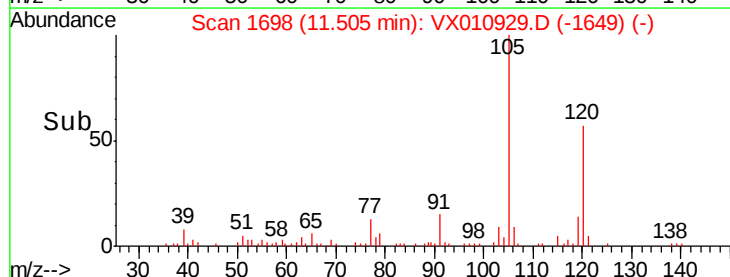
91 100

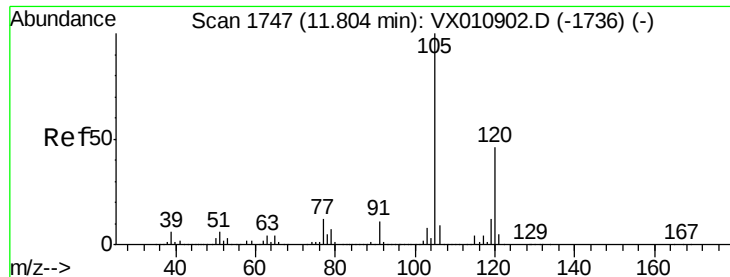
126 1.9 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

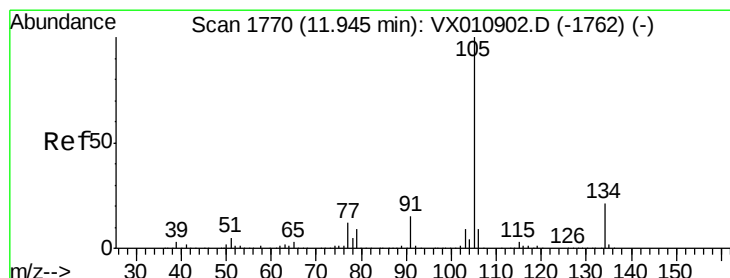
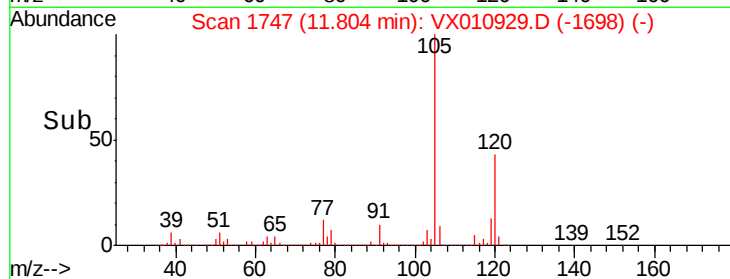
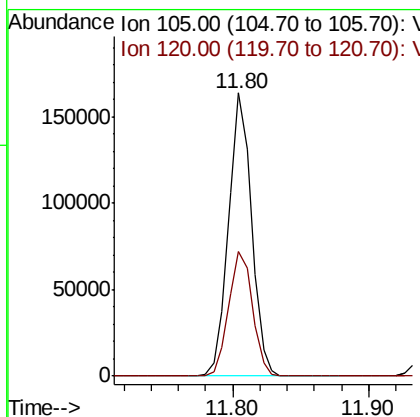
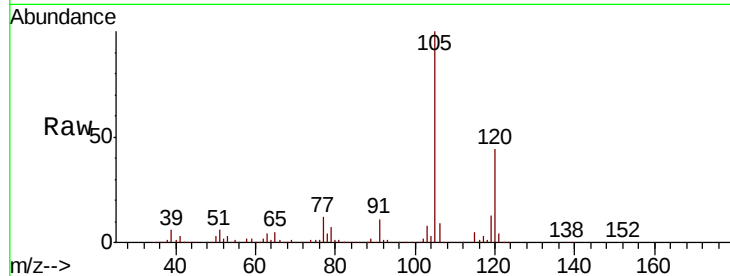




#84
 1,2,4-Trimethylbenzene
 Concen: 22.370 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010929.D
 Acq: 17 Jul 2019 12:36

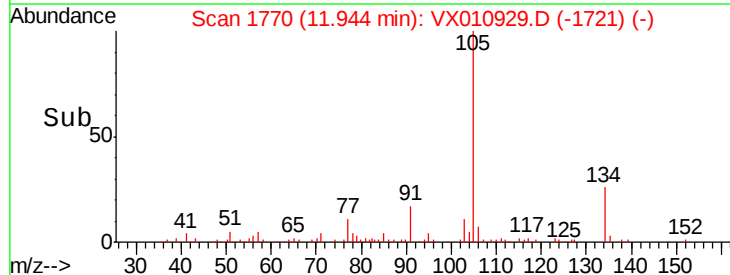
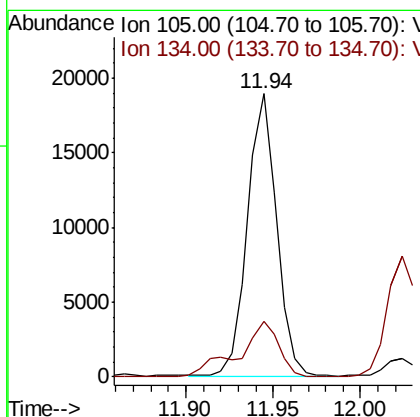
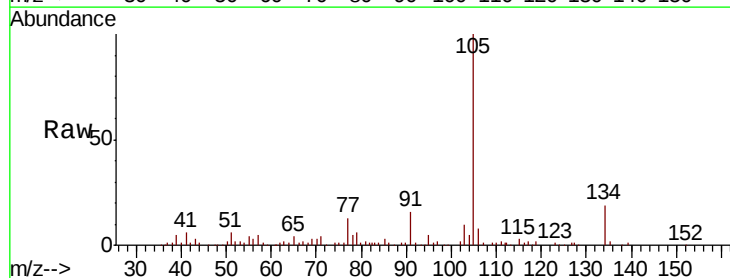
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0628

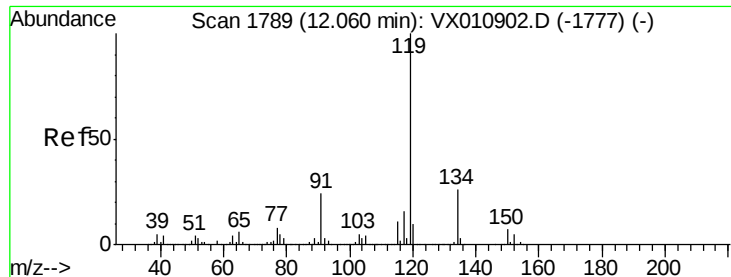
Tot Ion:105 Resp: 192669
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 2.244 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010929.D
 Acq: 17 Jul 2019 12:36

Tgt Ion:105 Resp: 22069
 Ion Ratio Lower Upper
 105 100
 134 27.3 10.4 31.4

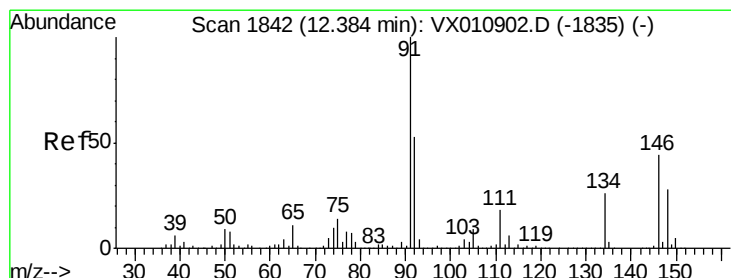
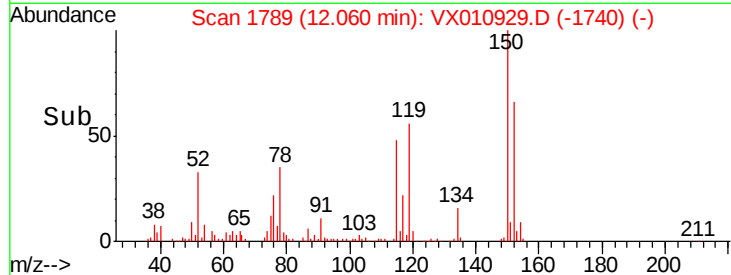
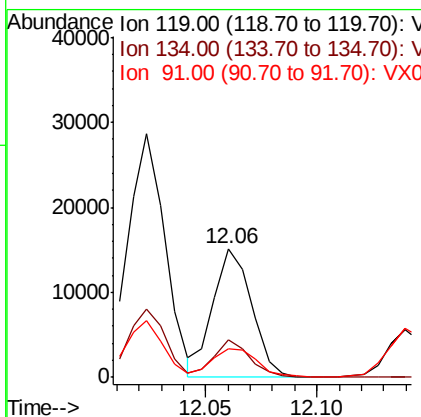
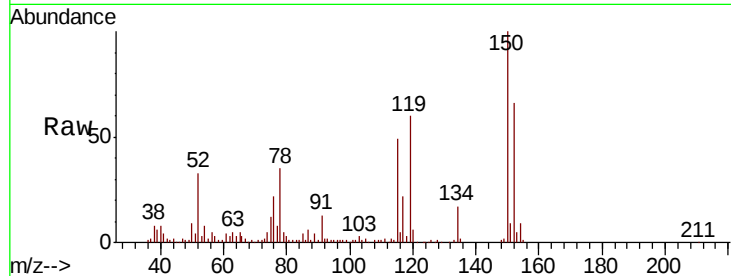




#86
 p-Isopropyltoluene
 Concen: 2.022 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010929.D
 Acq: 17 Jul 2019 12:36

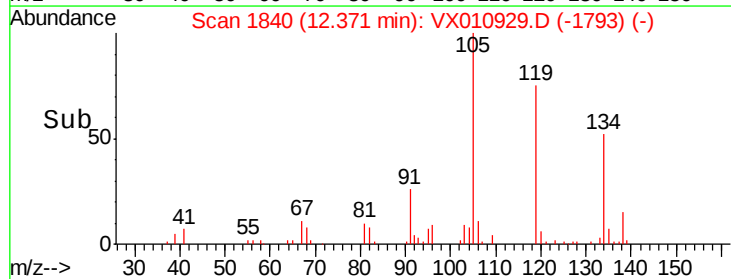
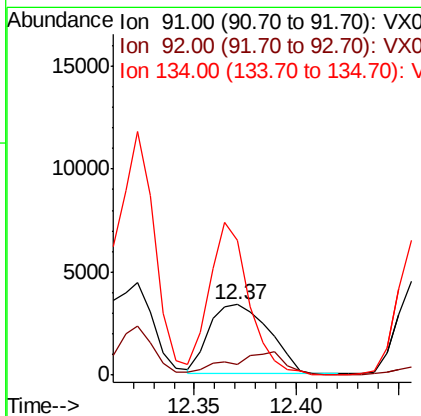
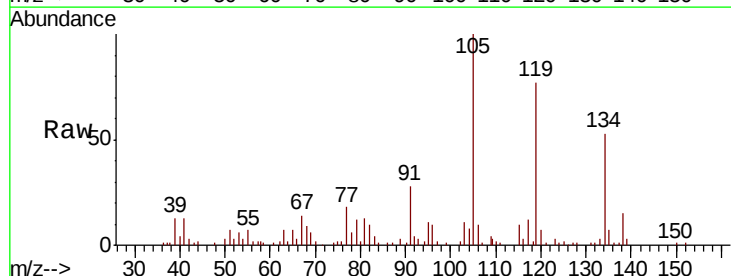
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0628

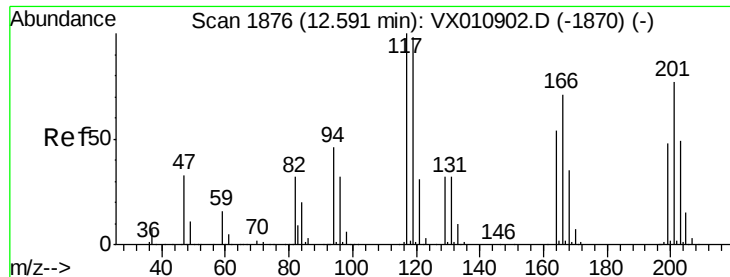
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.4	40.1
91	26.5	11.8	35.4



#89
 n-Butylbenzene
 Concen: 0.866 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX010929.D
 Acq: 17 Jul 2019 12:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.2	78.5#
134	147.9	13.8	41.3#





#90

Hexachloroethane

Concen: 3.142 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

Instrument :

MSVOA_X

ClientSampleId :

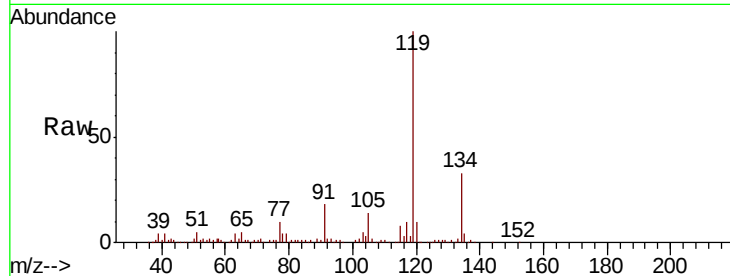
FL-0628

Tot Ion:117 Resp: 4506

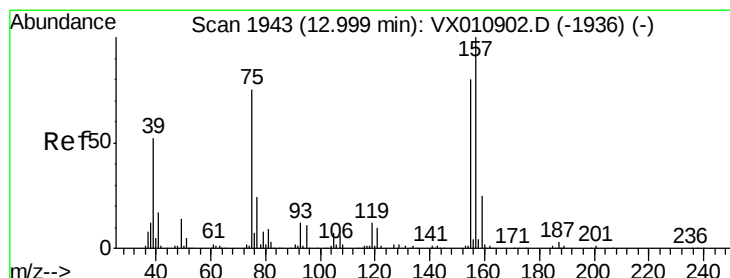
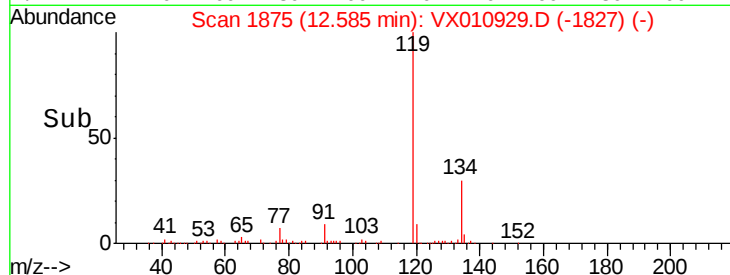
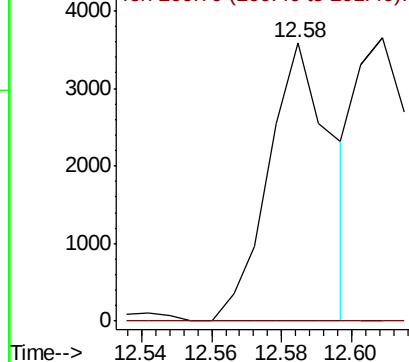
Ion Ratio Lower Upper

117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.843 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010929.D

Acq: 17 Jul 2019 12:36

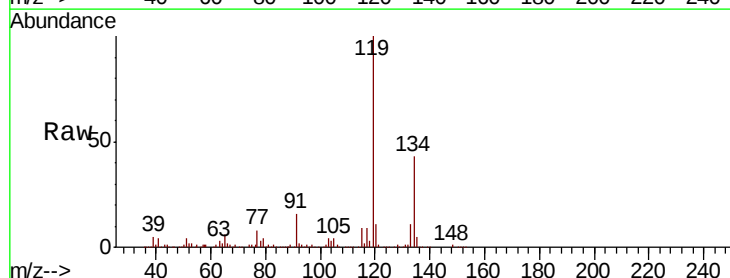
Tgt Ion: 75 Resp: 590

Ion Ratio Lower Upper

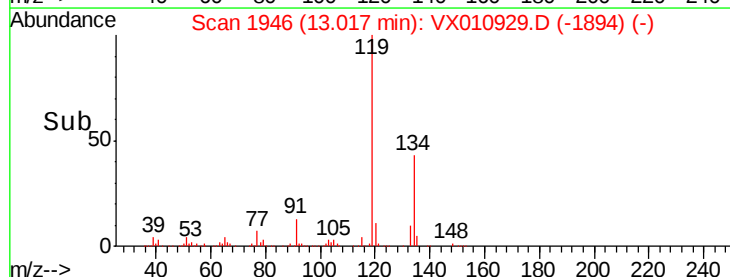
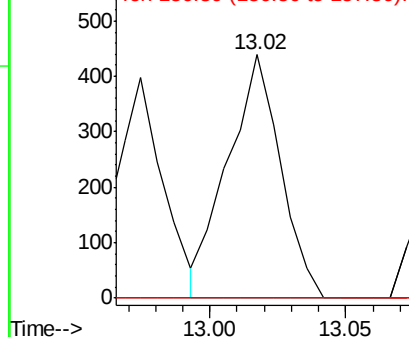
75 100

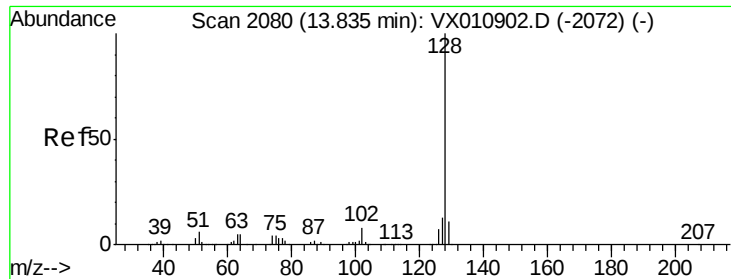
155 0.0 48.7 146.1#

157 0.0 62.5 187.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

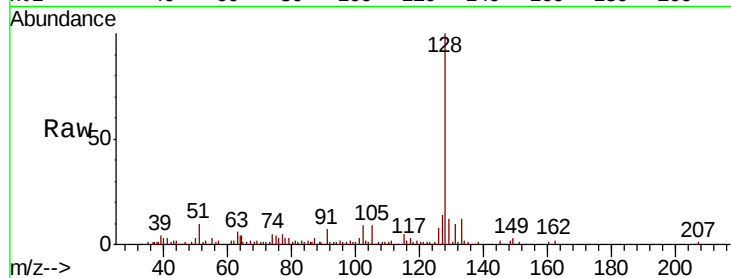




#95
Naphthalene
Concen: 2.021 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010929.D
Acq: 17 Jul 2019 12:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0628

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.4	15.6#
129	18.5	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

