

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX011012.D
 Acq On : 19 Jul 2019 18:58
 Operator : JC/SP
 Sample : K3884-04DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0606DL

Quant Time: Jul 20 01:05:13 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	5.66	168	221108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	345549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170733	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	119457	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
35) Dibromofluoromethane	5.49	113	105683	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	423669	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.13	95	161215	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.37	85	19	0.554	ug/l #	43
5) Bromomethane	1.64	94	567	0.485	ug/l #	57
6) Chloroethane	1.71	64	317	0.241	ug/l #	57
11) Tert butyl alcohol	3.01	59	19418	35.446	ug/l #	73
13) Acrolein	2.24	56	82	0.259	ug/l #	1
14) Allyl chloride	2.84	41	6623	2.315	ug/l #	63
15) Acrylonitrile	3.17	53	2335	2.109	ug/l #	41
16) Acetone	2.45	43	1669	1.571	ug/l	97
18) Methyl Acetate	2.83	43	14434	5.967	ug/l #	48
20) Methylene Chloride	2.85	84	730	0.324	ug/l #	82
25) 2-Butanone	4.69	43	498	0.327	ug/l #	46
31) Cyclohexane	5.57	56	141940	44.442	ug/l	99
36) 1,1-Dichloropropene	5.67	75	14814	5.219	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20460	6.918	ug/l #	17
39) Methylcyclohexane	7.46	83	124722	33.884	ug/l	98
45) 1,2-Dichloropropane	7.46	63	1509	0.682	ug/l #	1
48) Methyl methacrylate	7.73	41	3666	1.575	ug/l #	50
49) 1,4-Dioxane	7.65	88	20	0.307	ug/l #	14
51) 4-Methyl-2-Pentanone	8.66	43	1096	0.354	ug/l #	51
52) Toluene	8.79	92	23182	4.059	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	5566	2.367	ug/l #	20
56) Ethyl methacrylate	9.16	69	1435	0.417	ug/l #	1
60) Dibromochloromethane	9.33	129	65	2.551	ug/l #	11
67) Ethyl Benzene	10.25	91	185412	15.926	ug/l	100
68) m/p-Xylenes	10.35	106	303031	67.856	ug/l	99
69) o-Xylene	10.69	106	70028	16.067	ug/l	97
70) Styrene	10.69	104	3636	0.500	ug/l #	1
73) Isopropylbenzene	11.02	105	62314	5.402	ug/l	100
76) 1,2,3-Trichloropropane	11.43	75	5172	1.679	ug/l #	1
78) n-propylbenzene	11.36	91	110478	8.667	ug/l	100
79) 2-Chlorotoluene	11.43	91	71453	9.331	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	261002	27.075	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	80656	65.026	ug/l #	11
82) 4-Chlorotoluene	11.51	91	27848	3.125	ug/l #	43

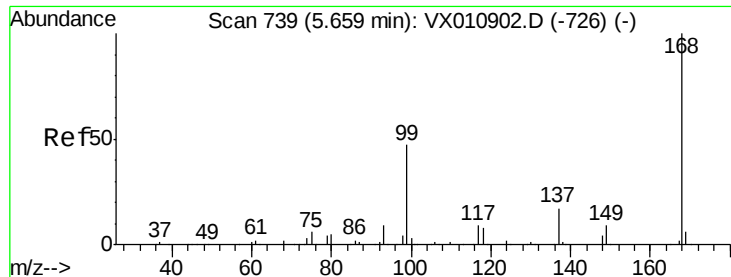
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX011012.D
 Acq On : 19 Jul 2019 18:58
 Operator : JC/SP
 Sample : K3884-04DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0606DL

Quant Time: Jul 20 01:05:13 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)
83) tert-Butylbenzene	11.77	119	4905	0.518	ug/l	83
84) 1,2,4-Trimethylbenzene	11.80	105	631638	65.010	ug/l	100
85) sec-Butylbenzene	11.80	105	631638	56.931	ug/l #	55
86) p-Isopropyltoluene	12.06	119	9374	0.914	ug/l	91
89) n-Butylbenzene	12.38	91	20343	2.318	ug/l #	27
90) Hexachloroethane	12.58	117	2853	1.763	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	324	0.411	ug/l #	1
95) Naphthalene	13.83	128	98900	9.030	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

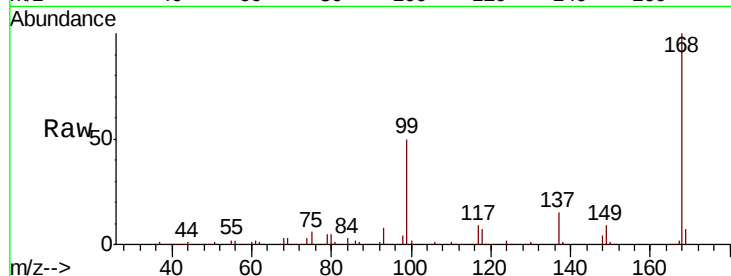
FL-0606DL

Tot Ion:168 Resp: 221108

Ion Ratio Lower Upper

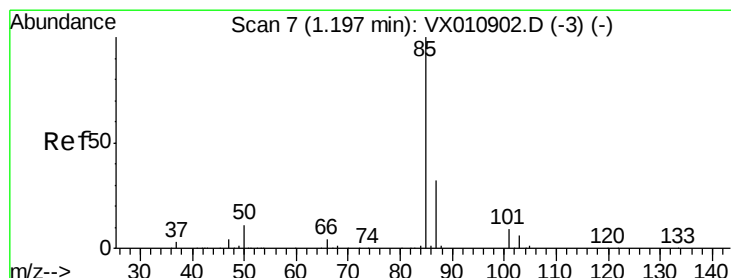
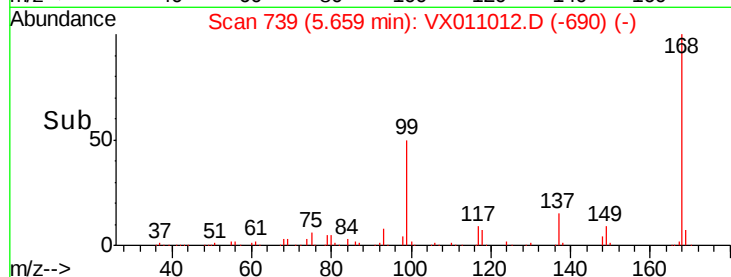
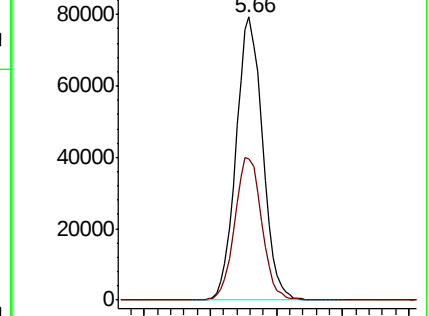
168 100

99 50.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.554 ug/l

RT: 1.37 min Scan# 36

Delta R.T. 0.18 min

Lab File: VX011012.D

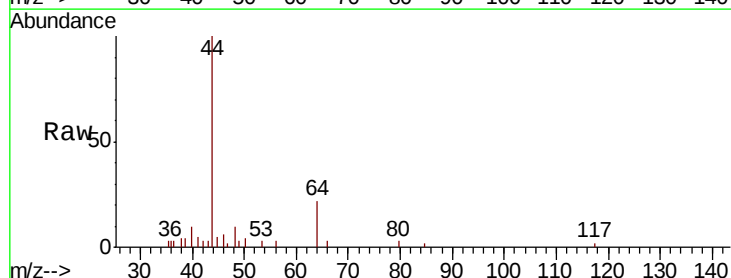
Acq: 19 Jul 2019 18:58

Tgt Ion: 85 Resp: 19

Ion Ratio Lower Upper

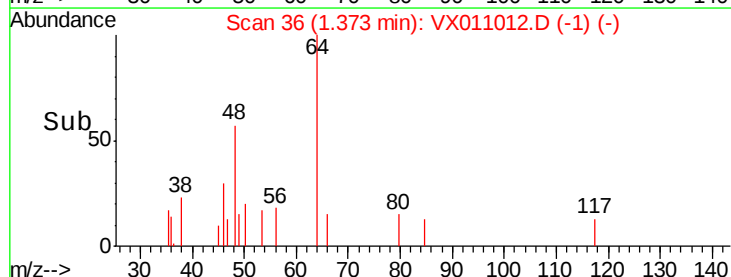
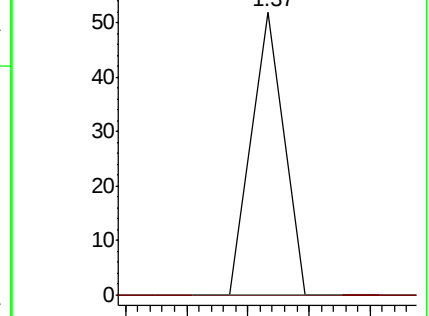
85 100

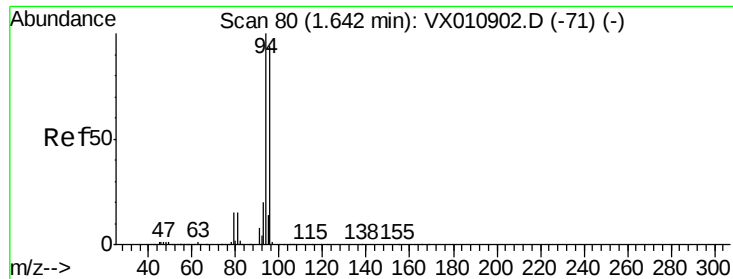
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.485 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

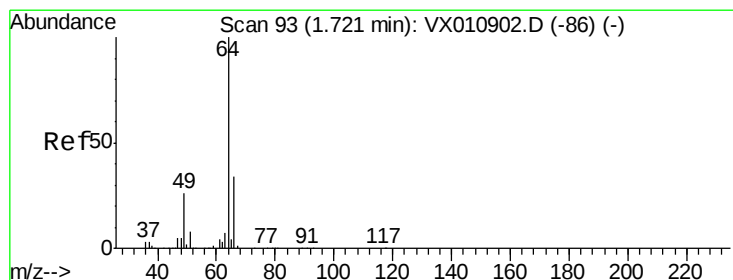
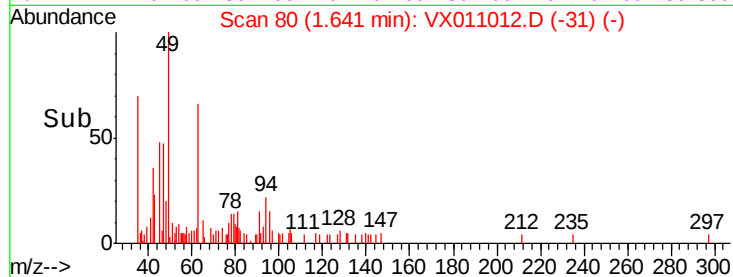
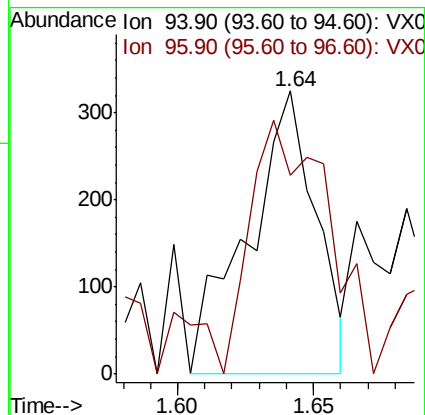
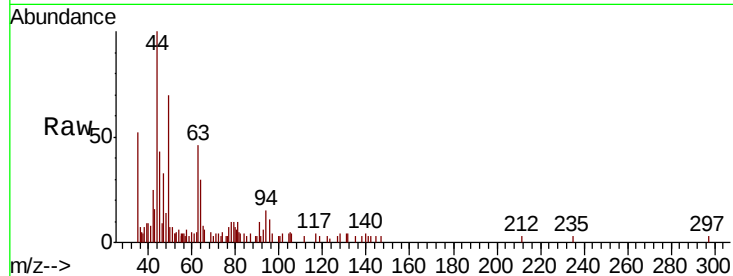
FL-0606DL

Tot Ion: 94 Resp: 567

Ion Ratio Lower Upper

94 100

96 52.9 75.6 113.4#



#6

Chloroethane

Concen: 0.241 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011012.D

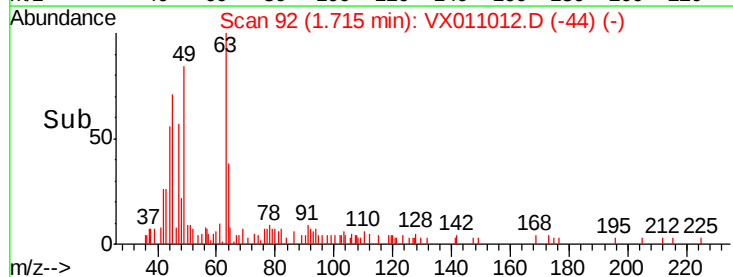
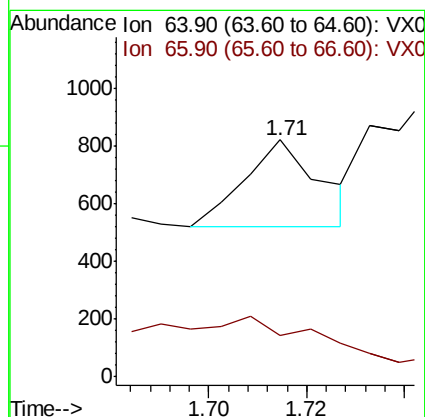
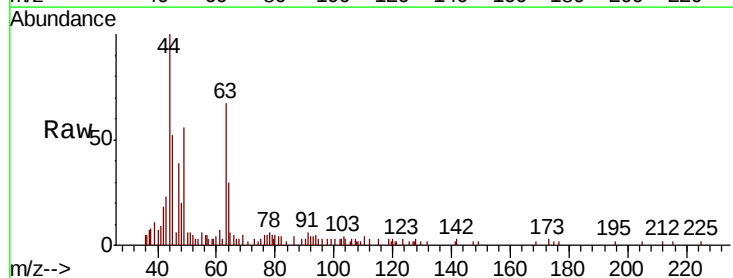
Acq: 19 Jul 2019 18:58

Tgt Ion: 64 Resp: 317

Ion Ratio Lower Upper

64 100

66 9.1 27.0 40.6#

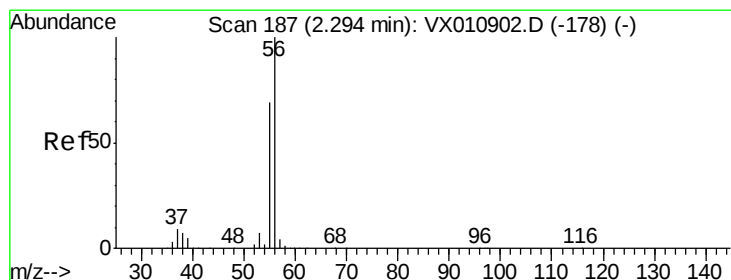
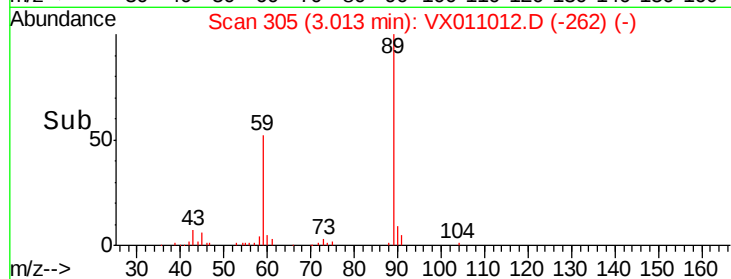
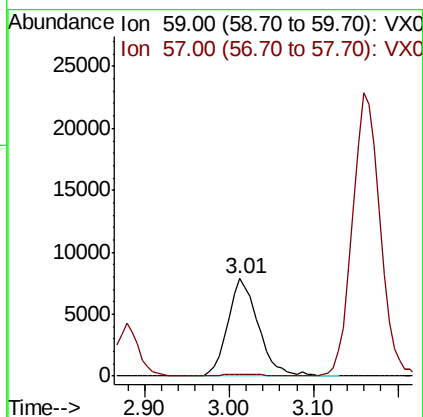
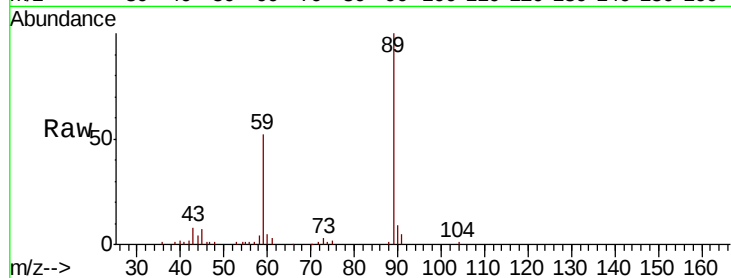




#11
Tert butyl alcohol
Concen: 35.446 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

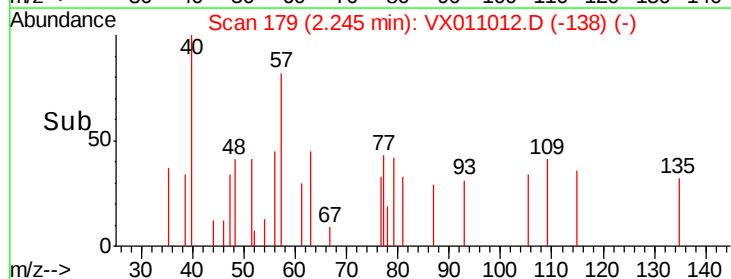
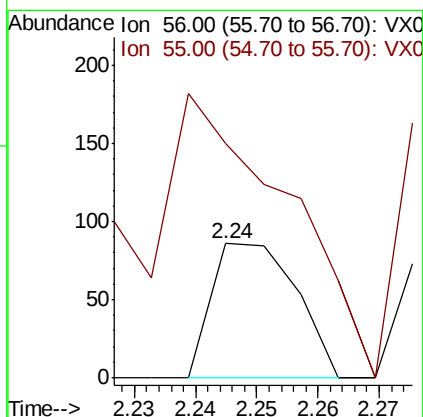
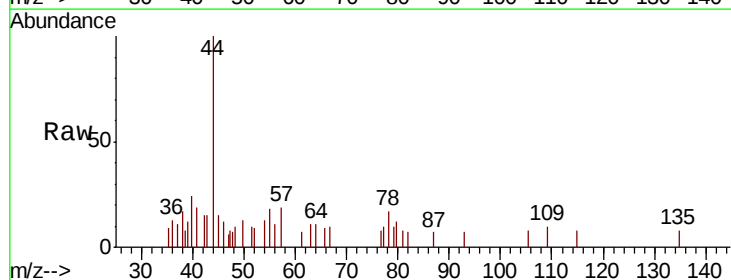
Instrument :
MSVOA_X
ClientSampled :
FL-0606DL

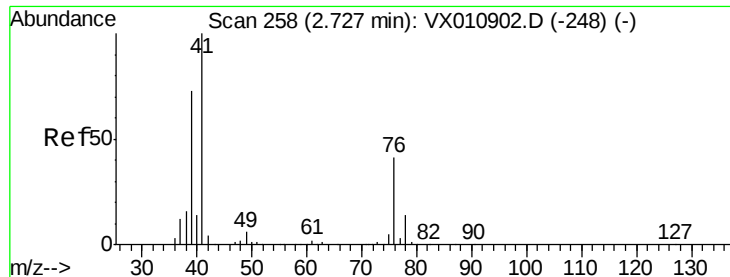
Tot Ion: 59 Resp: 19418
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#13
Acrolein
Concen: 0.259 ug/l
RT: 2.24 min Scan# 179
Delta R.T. -0.05 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 403.7 55.9 83.9#





#14

Allvl chloride

Concen: 2.315 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.11 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

FL-0606DL

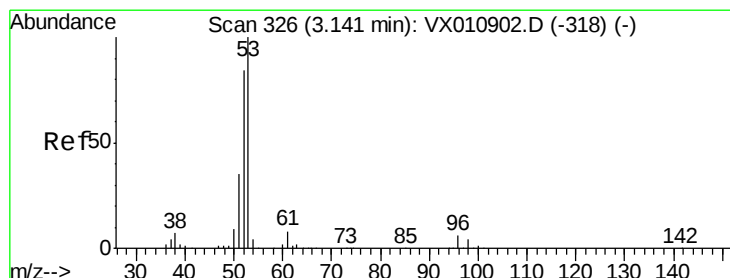
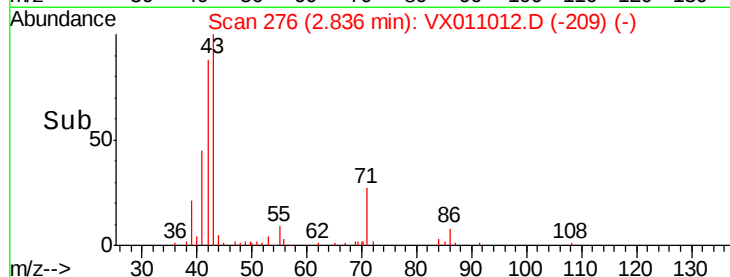
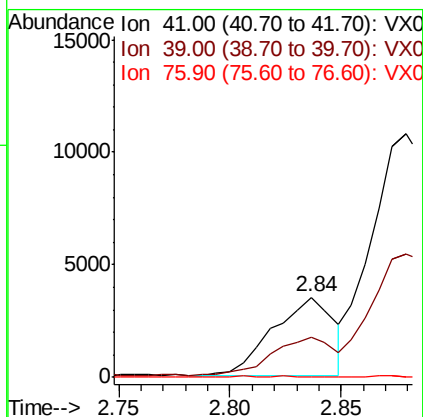
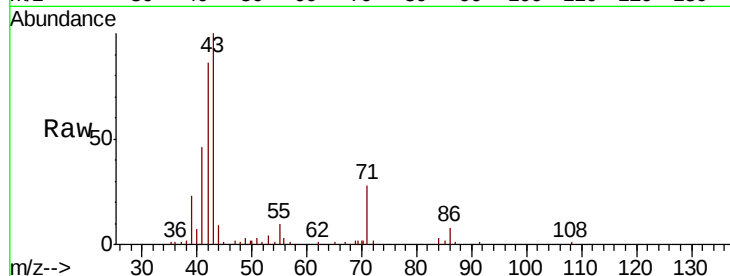
Tot Ion: 41 Resp: 6623

Ion Ratio Lower Upper

41 100

39 48.0 53.6 80.4#

76 0.3 29.7 44.5#



#15

Acrylonitrile

Concen: 2.109 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

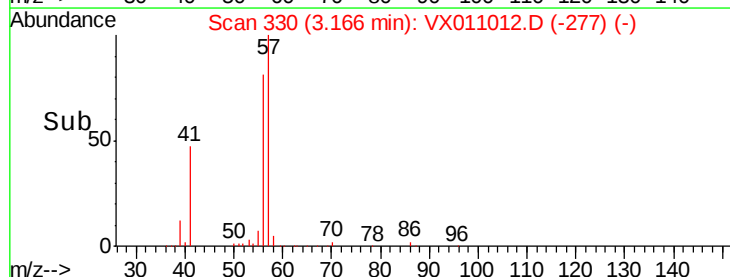
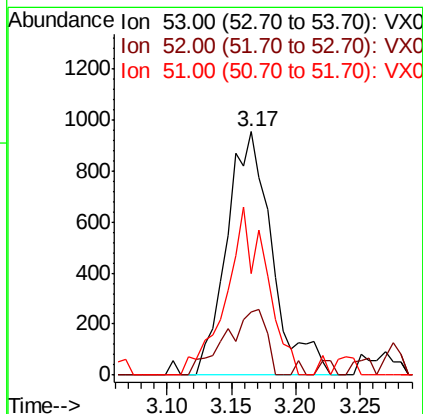
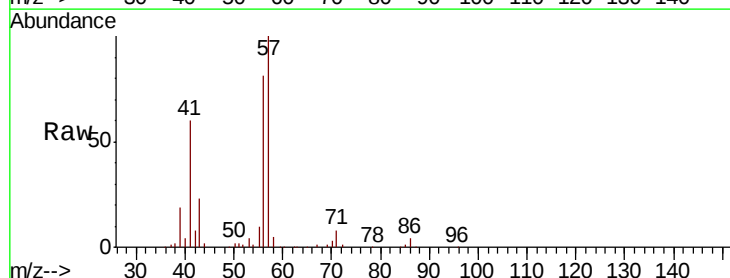
Tgt Ion: 53 Resp: 2335

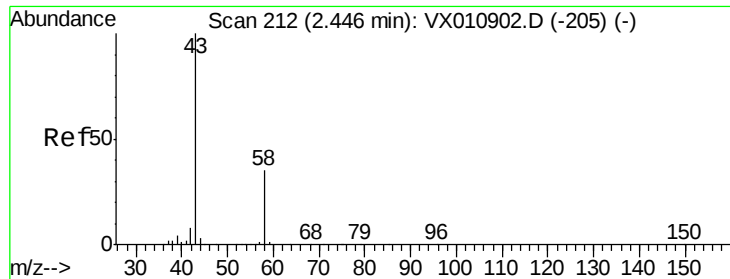
Ion Ratio Lower Upper

53 100

52 24.1 66.5 99.7#

51 61.2 28.2 42.4#





#16

Acetone

Concen: 1.571 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

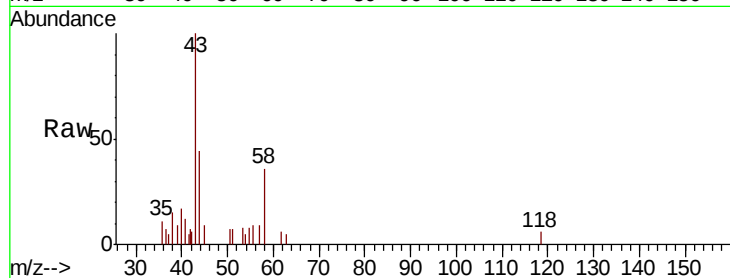
FL-0606DL

Tot Ion: 43 Resp: 1669

Ion Ratio Lower Upper

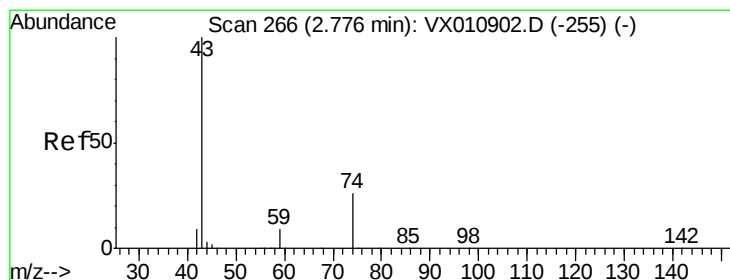
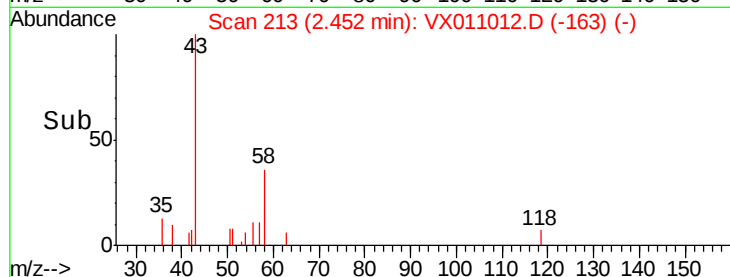
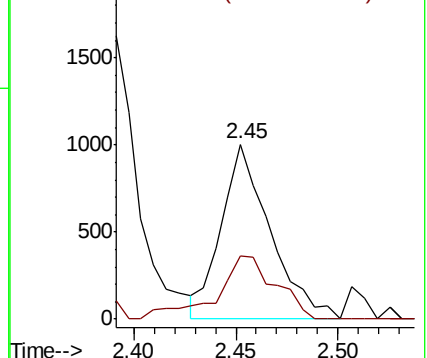
43 100

58 36.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 5.967 ug/l

RT: 2.83 min Scan# 275

Delta R.T. 0.05 min

Lab File: VX011012.D

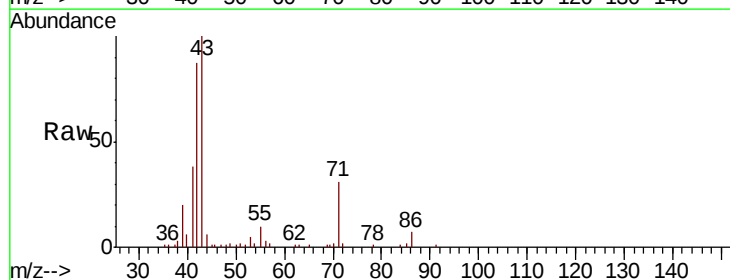
Acq: 19 Jul 2019 18:58

Tgt Ion: 43 Resp: 14434

Ion Ratio Lower Upper

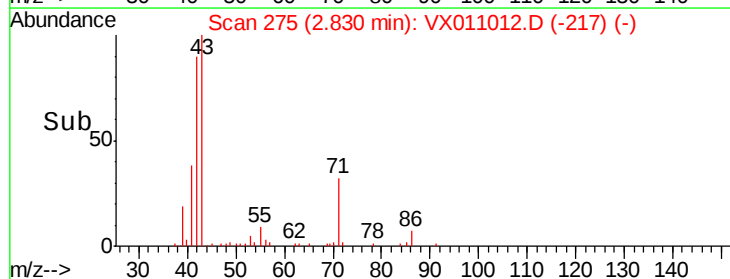
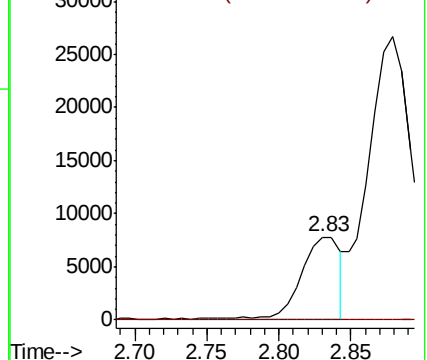
43 100

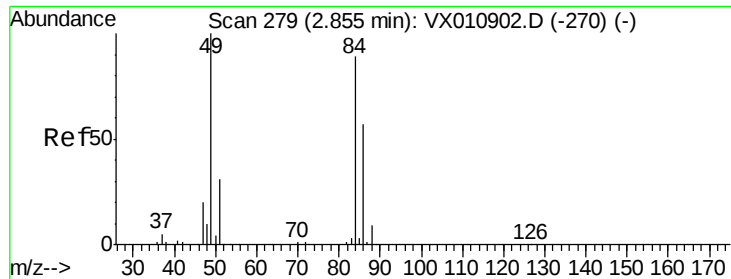
74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

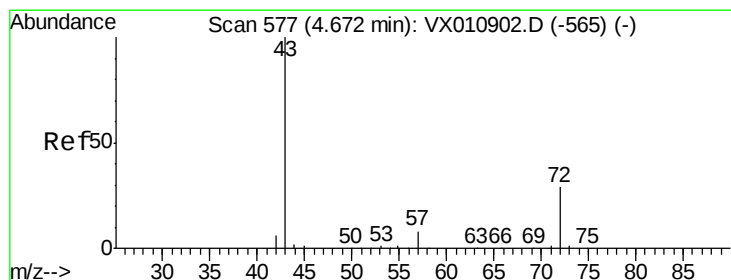
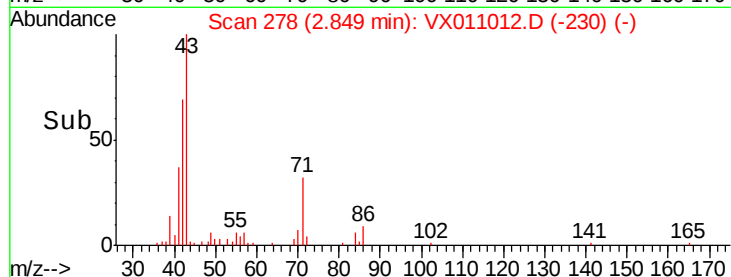
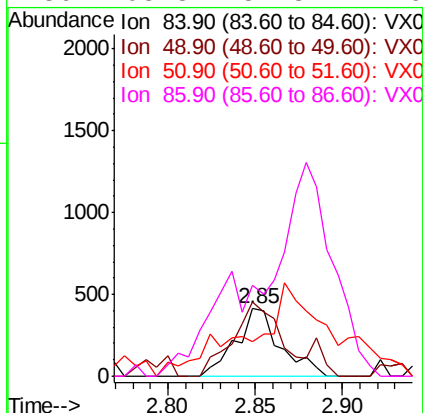
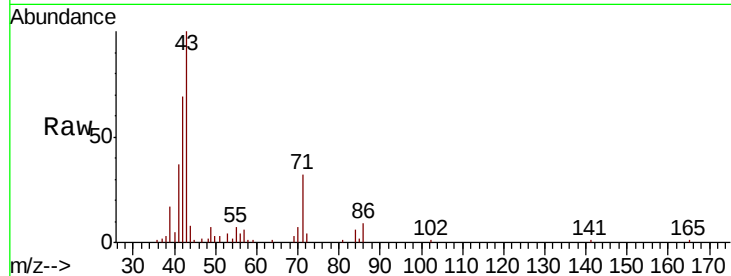




#20
Methvlene Chloride
Concen: 0.324 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

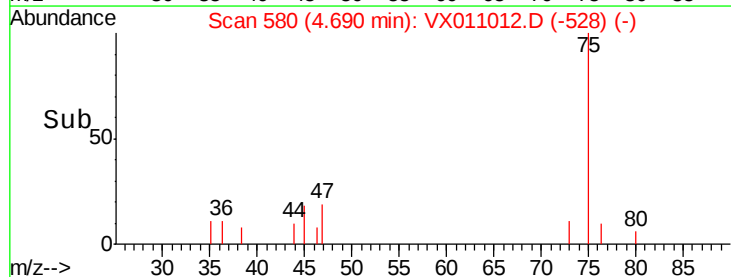
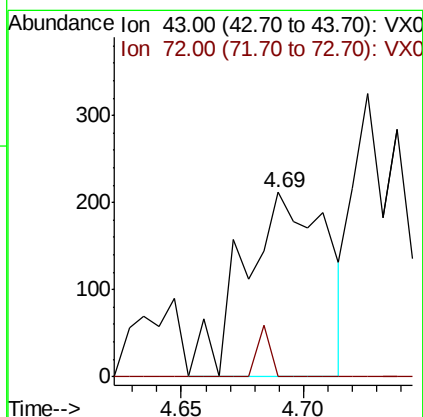
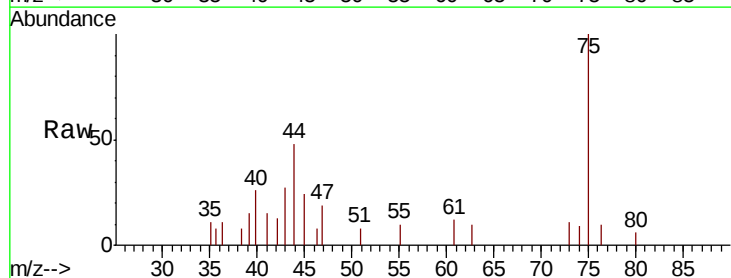
Instrument :
MSVOA_X
ClientSampleId :
FL-0606DL

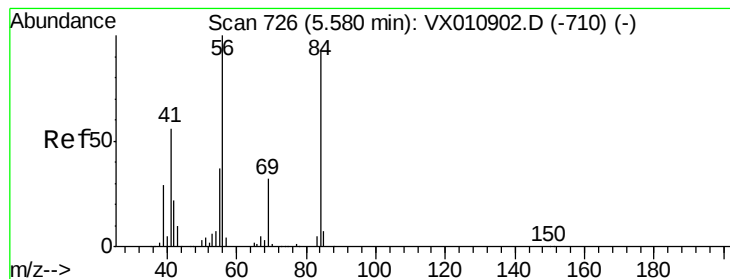
Tot Ion:	84	Resp:	730
Ion	Ratio	Lower	Upper
84	100		
49	110.9	89.9	134.9
51	28.6	27.8	41.6
86	105.8	51.8	77.6#



#25
2-Butanone
Concen: 0.327 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion:	43	Resp:	498
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#





#31

Cyclohexane

Concen: 44.442 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0606DL

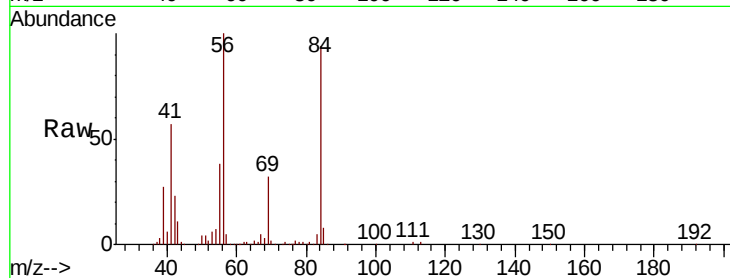
Tot Ion: 56 Resp: 141940

Ion Ratio Lower Upper

56 100

69 32.0 25.8 38.8

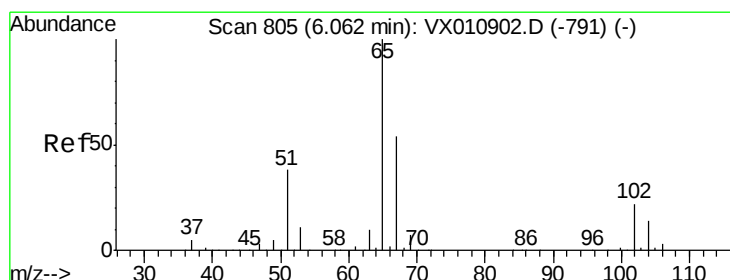
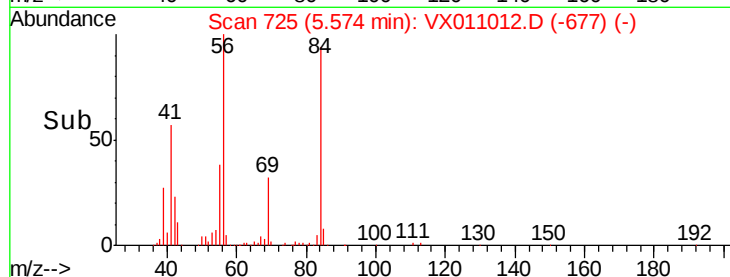
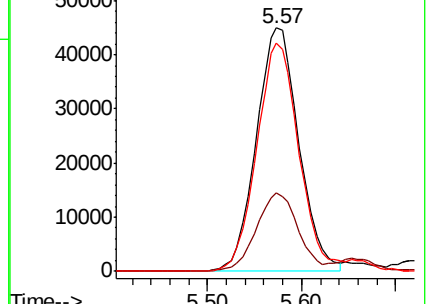
84 93.5 73.8 110.6



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: 50.784 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011012.D

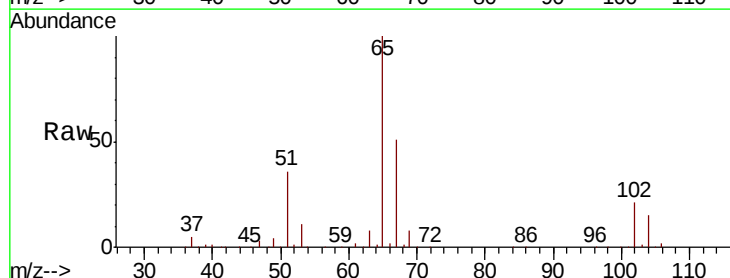
Acq: 19 Jul 2019 18:58

Tgt Ion: 65 Resp: 119457

Ion Ratio Lower Upper

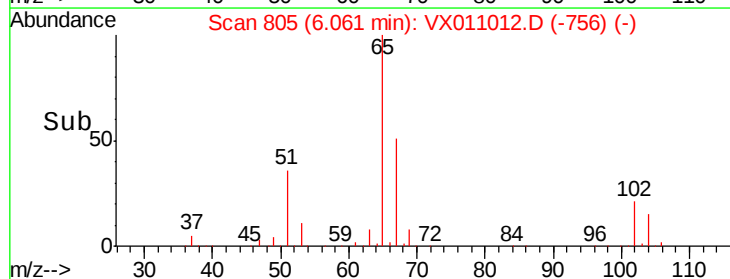
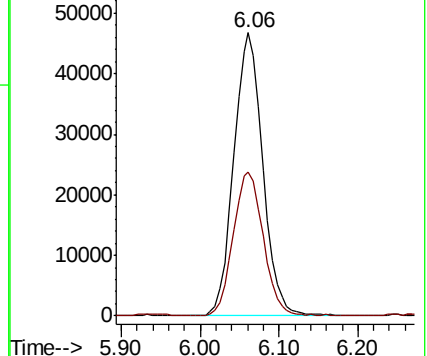
65 100

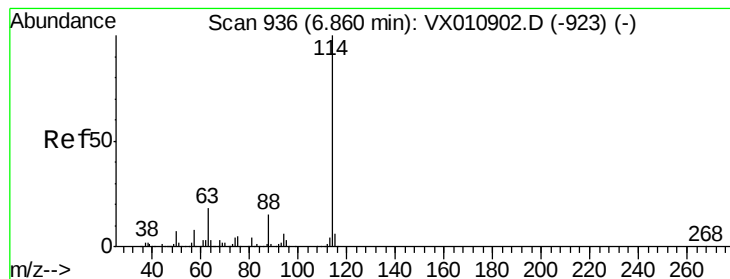
67 53.0 0.0 107.8



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0606DL

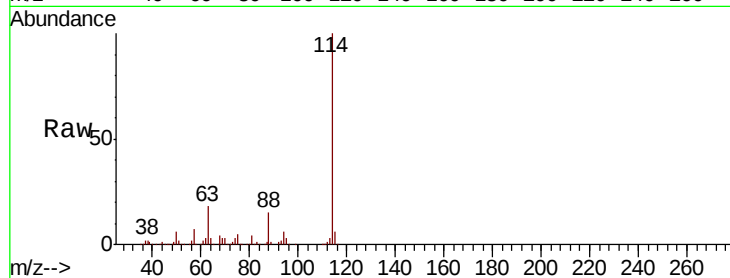
Tot Ion:114 Resp: 345549

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

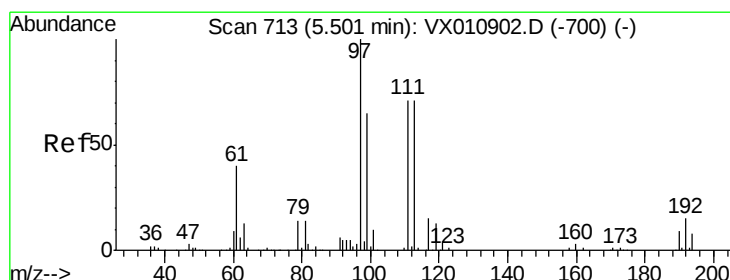
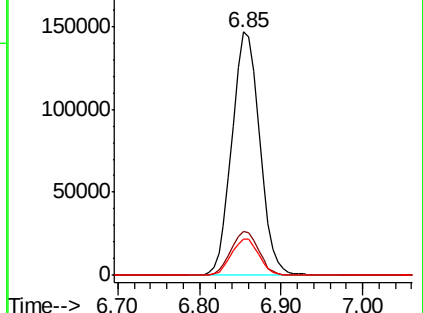
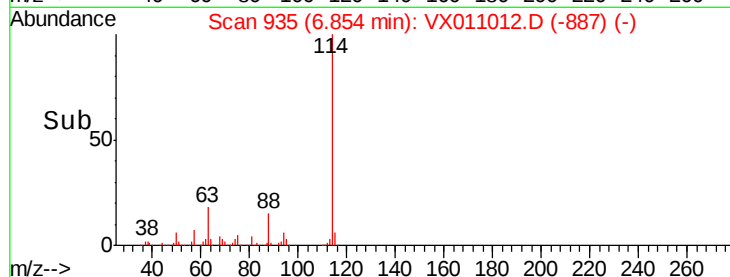
88 14.8 0.0 29.8



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: 48.185 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

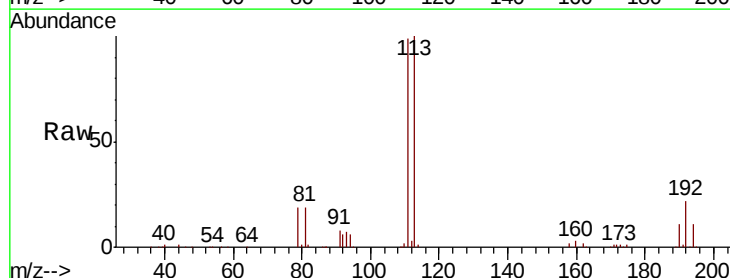
Tgt Ion:113 Resp: 105683

Ion Ratio Lower Upper

113 100

111 100.8 82.3 123.5

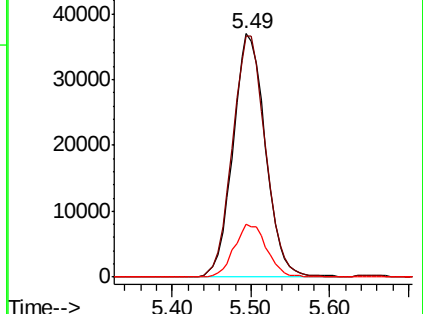
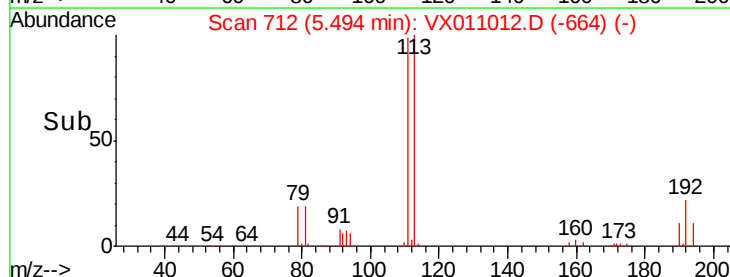
192 21.7 17.4 26.2

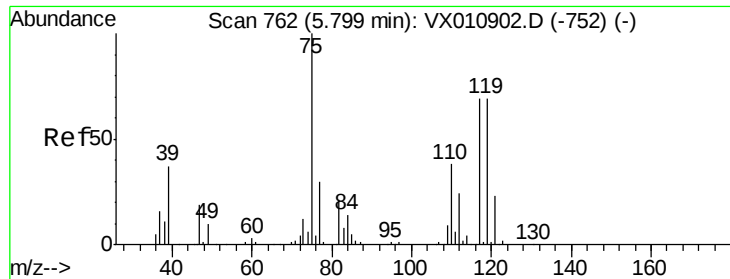


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

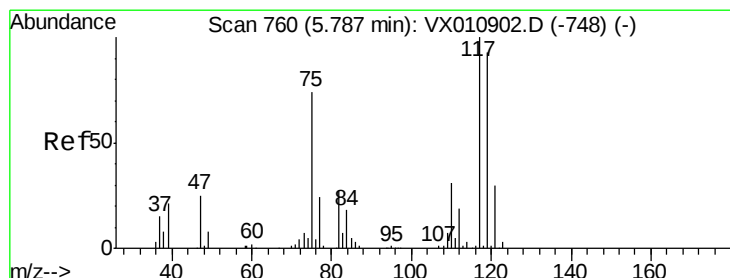
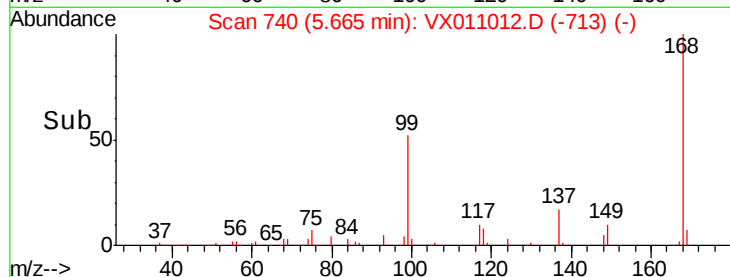
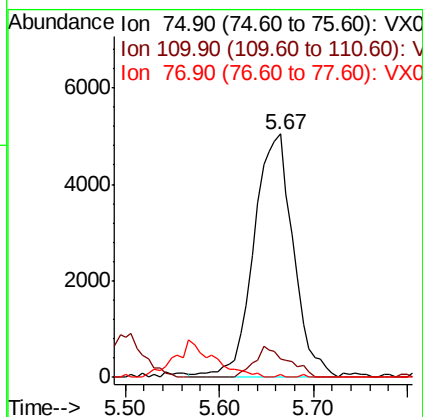
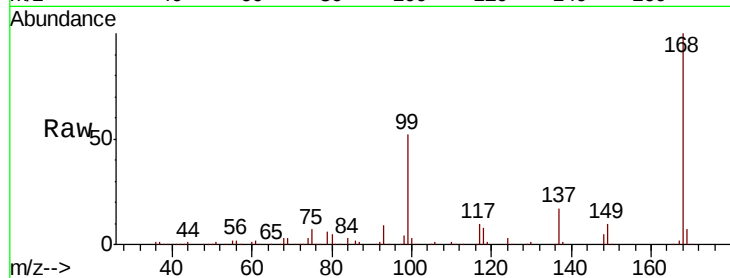




#36
 1,1-Dichloropropene
 Concen: 5.219 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX011012.D
 Acq: 19 Jul 2019 18:58

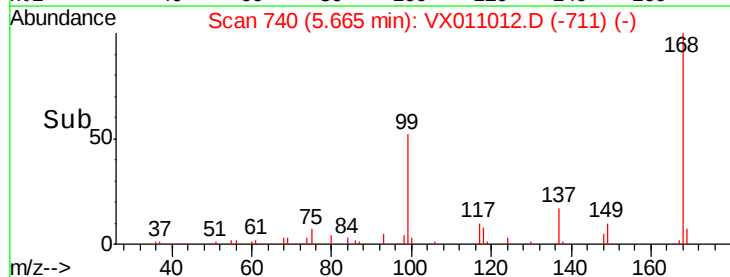
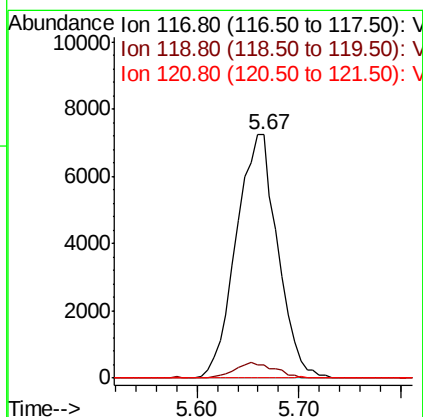
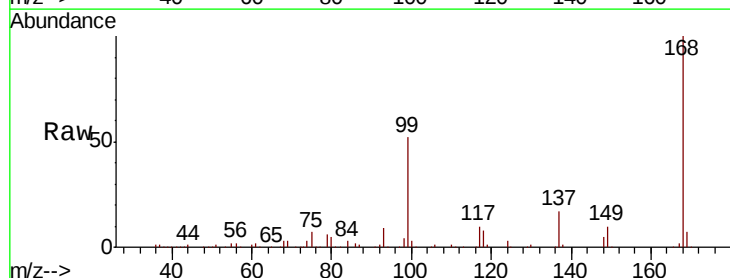
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0606DL

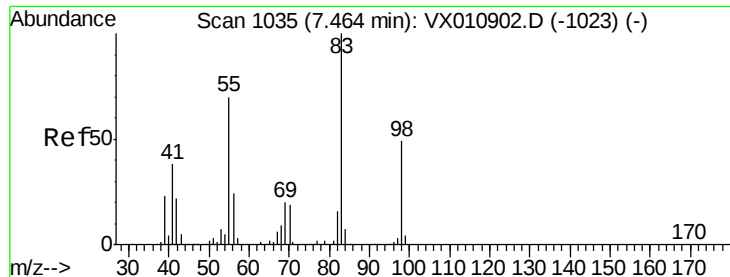
Tot Ion: 75 Resp: 14814
 Ion Ratio Lower Upper
 75 100
 110 10.7 19.9 59.7#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.918 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX011012.D
 Acq: 19 Jul 2019 18:58

Tgt Ion: 117 Resp: 20460
 Ion Ratio Lower Upper
 117 100
 119 5.3 74.2 111.2#
 121 0.0 24.2 36.2#

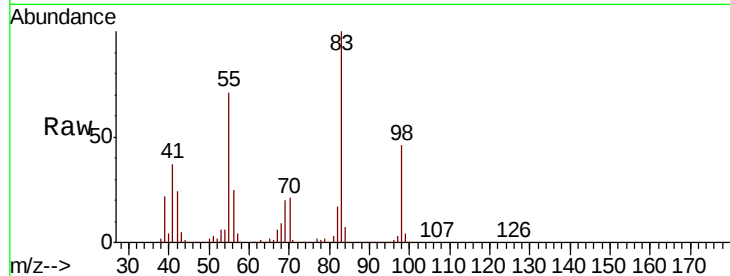




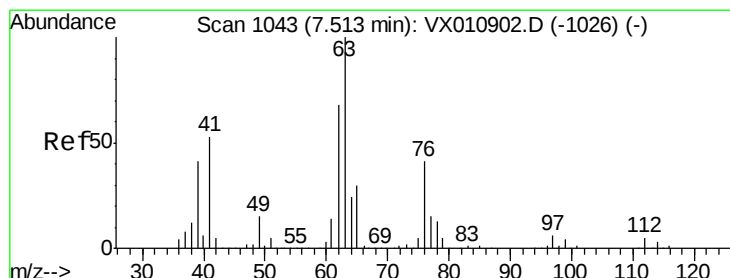
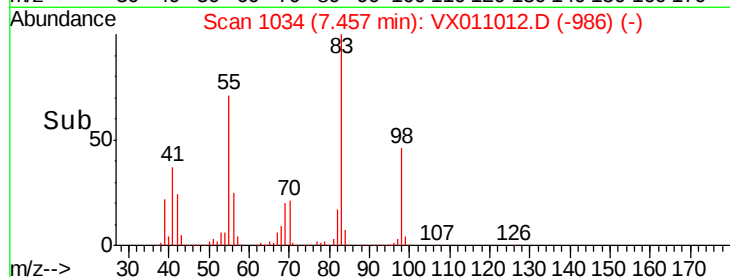
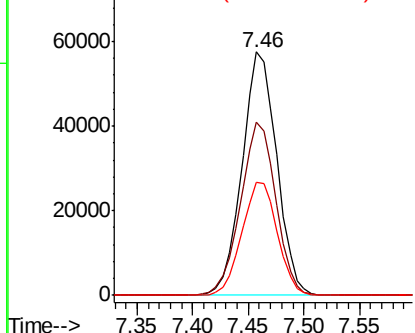
#39
Methvlcvclohexane
Concen: 33.884 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
FL-0606DL

Tot Ion: 83 Resp: 124722
Ion Ratio Lower Upper
83 100
55 70.9 56.2 84.4
98 46.3 39.0 58.4

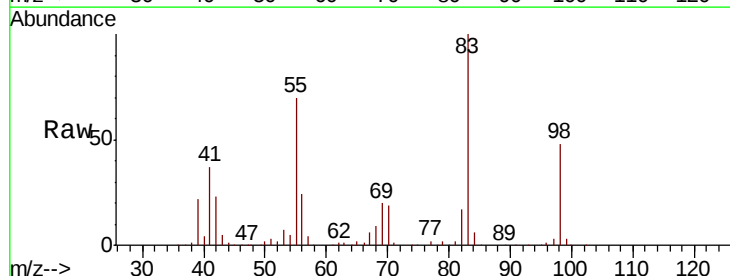


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

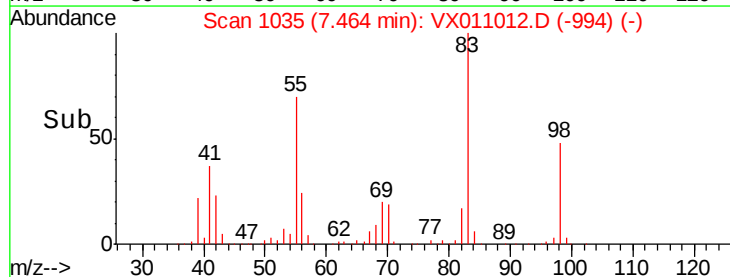
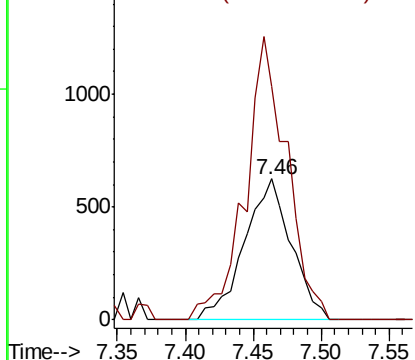


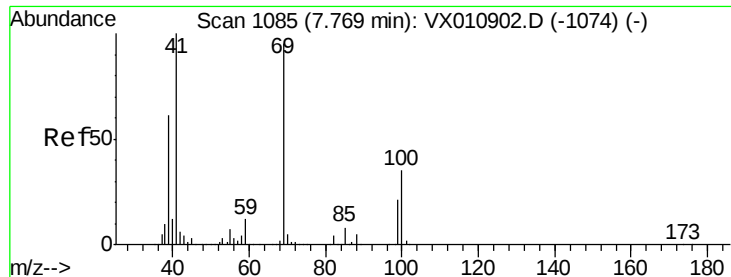
#45
1,2-Dichloropropane
Concen: 0.682 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.05 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion: 63 Resp: 1509
Ion Ratio Lower Upper
63 100
65 165.1 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0

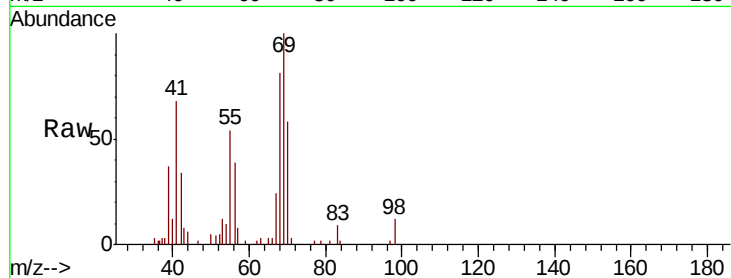




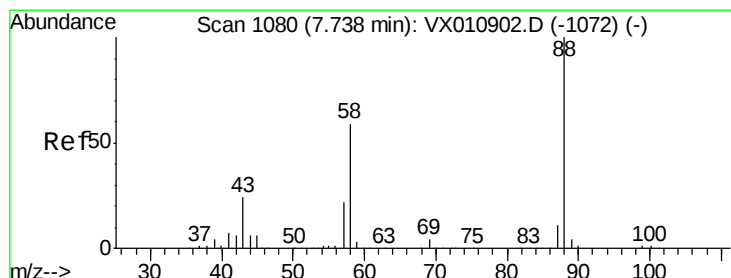
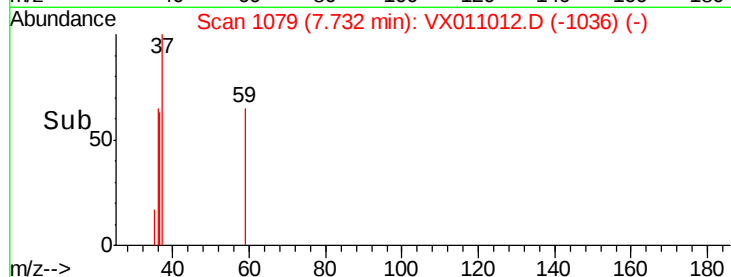
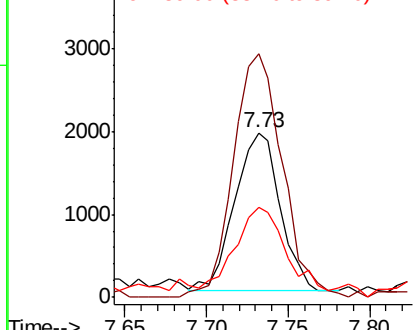
#48
Methvl methacrylate
Concen: 1.575 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Instrument :
MSVOA_X
ClientSampleId :
FL-0606DL

Tot Ion: 41 Resp: 3666
Ion Ratio Lower Upper
41 100
69 167.3 74.4 111.6#
39 55.7 48.9 73.3

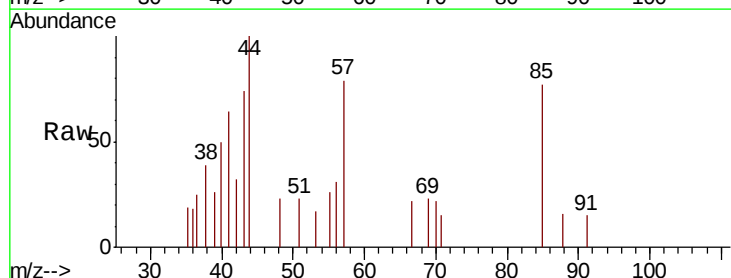


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

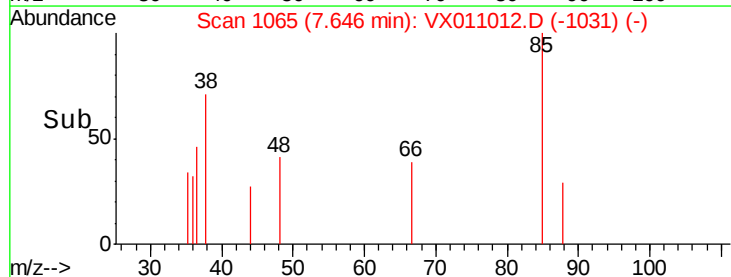
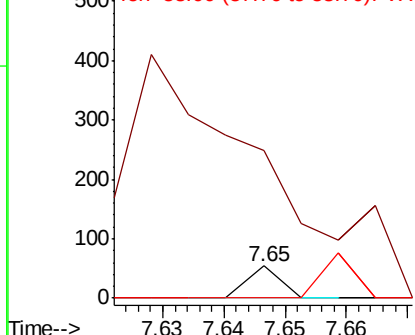


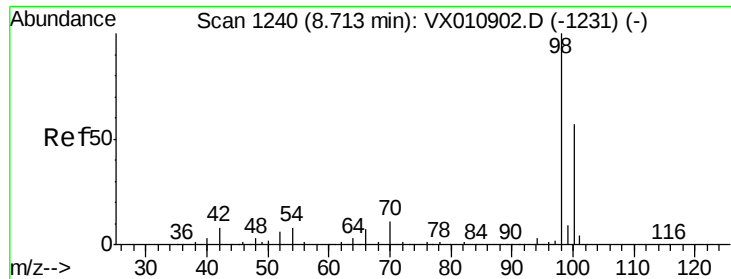
#49
1,4-Dioxane
Concen: 0.307 ug/l
RT: 7.65 min Scan# 1065
Delta R.T. -0.09 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 140.0 49.8 74.8#



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

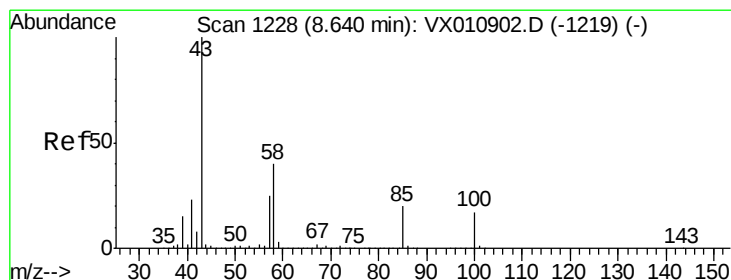
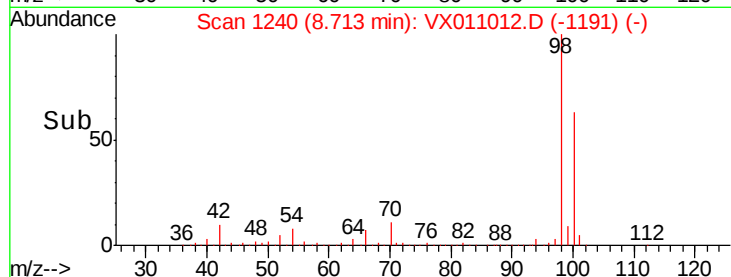
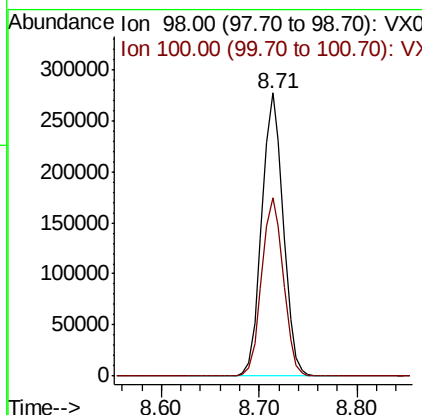
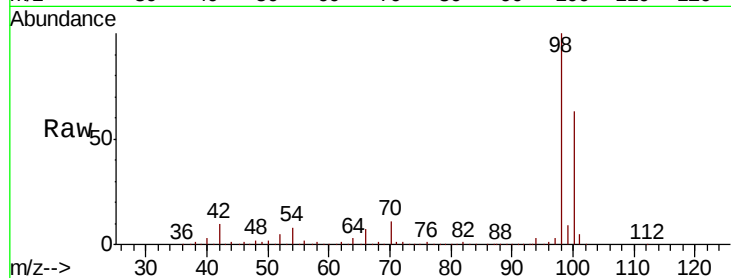




#50
Toluene-d8
Concen: 51.503 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

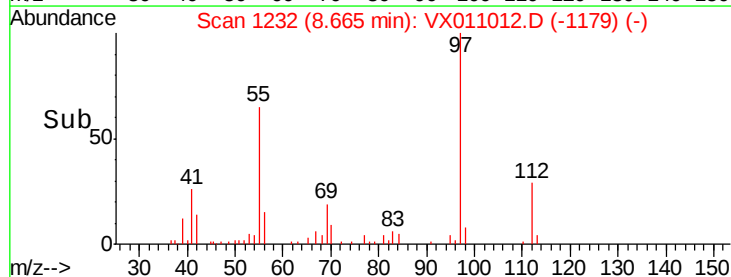
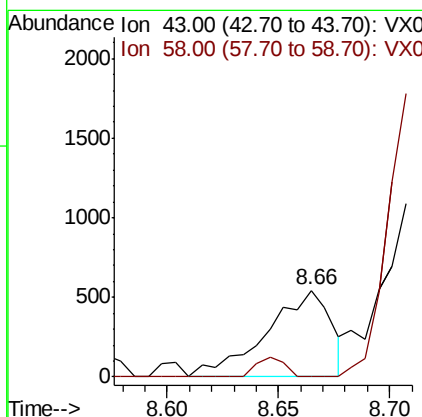
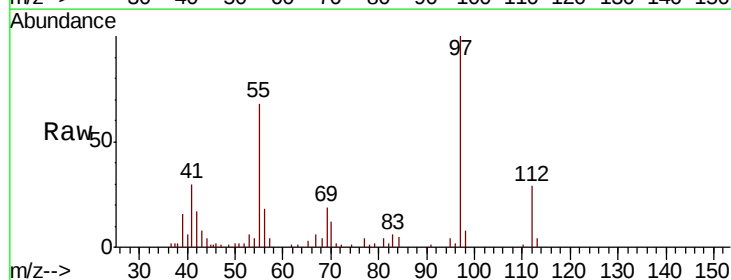
Instrument :
MSVOA_X
ClientSampled :
FL-0606DL

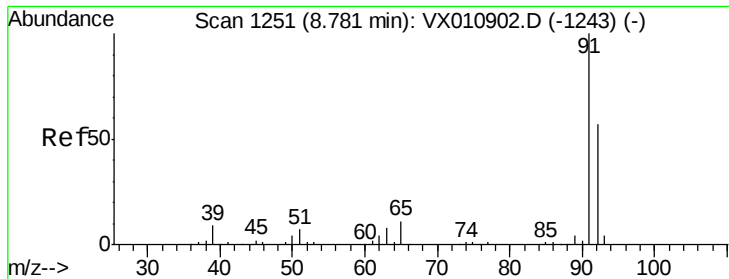
Tot Ion: 98 Resp: 423669
Ion Ratio Lower Upper
98 100
100 63.4 50.6 75.8



#51
4-Methyl-2-Pentanone
Concen: 0.354 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
58 9.9 32.2 48.4#





#52

Toluene

Concen: 4.059 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

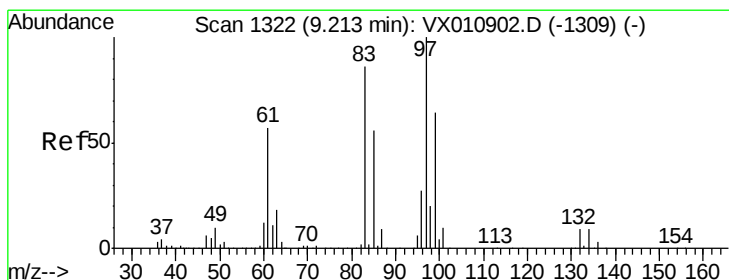
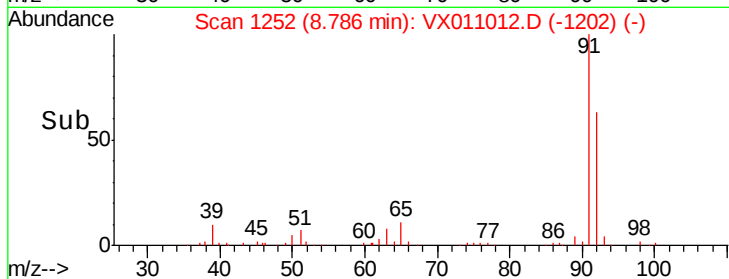
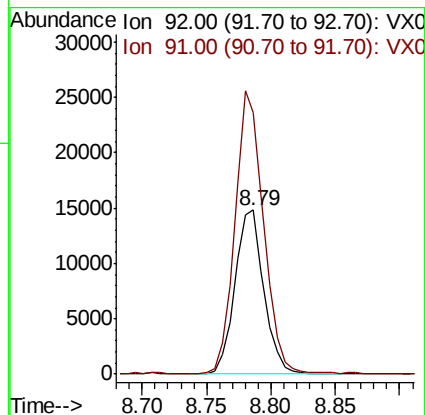
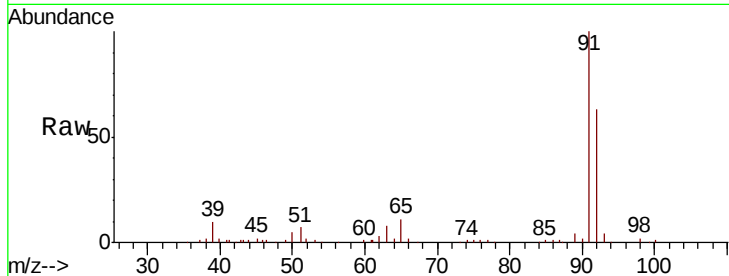
FL-0606DL

Tot Ion: 92 Resp: 23182

Ion Ratio Lower Upper

92 100

91 171.3 139.4 209.0



#55

1,1,2-Trichloroethane

Concen: 2.367 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.06 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Tgt Ion: 97 Resp: 5566

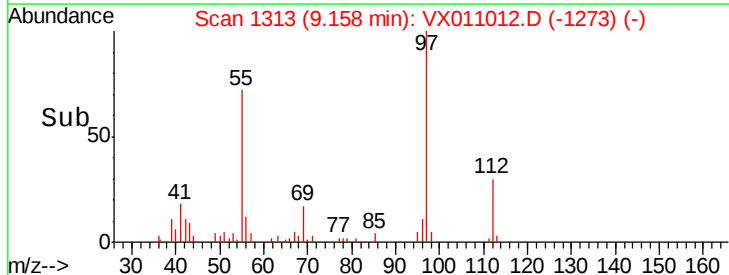
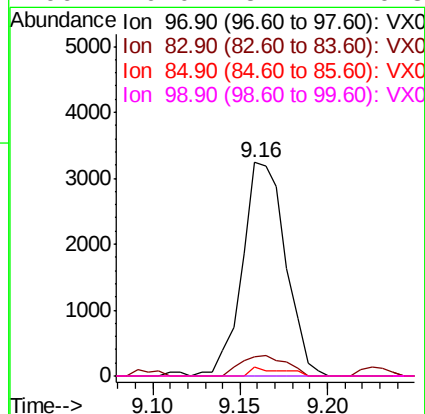
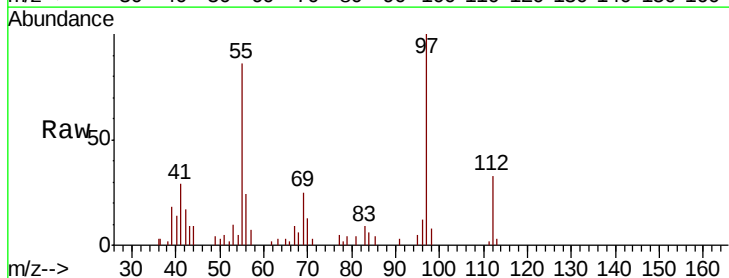
Ion Ratio Lower Upper

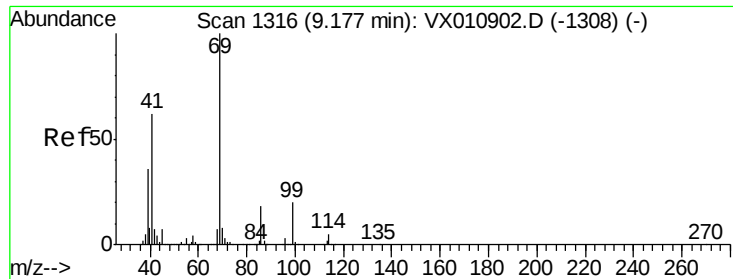
97 100

83 8.9 69.2 103.8#

85 4.1 44.6 66.8#

99 0.0 51.2 76.8#





#56

Ethyl methacrylate

Concen: 0.417 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleID :

FL-0606DL

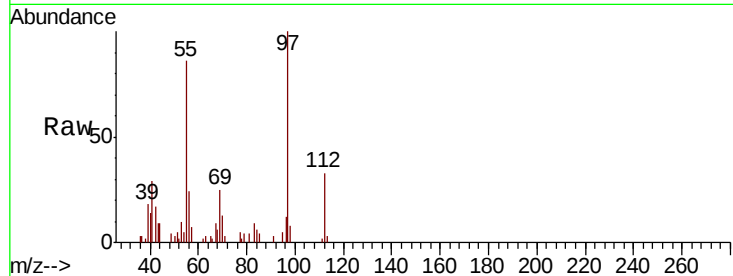
Tot Ion: 69.00 Resp: 1435

Ion Ratio Lower Upper

69 100

41 151.6 49.7 74.5#

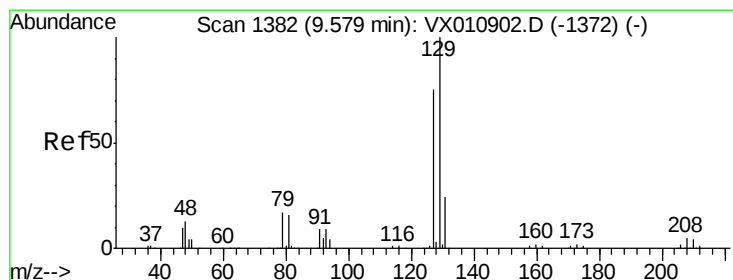
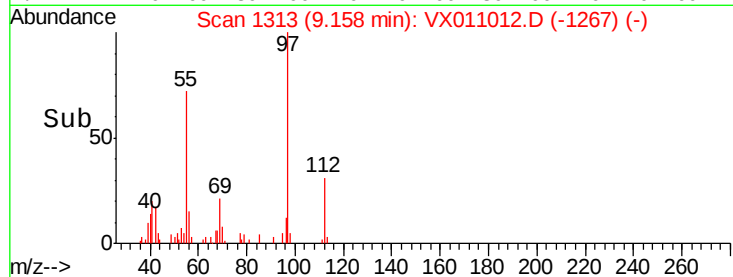
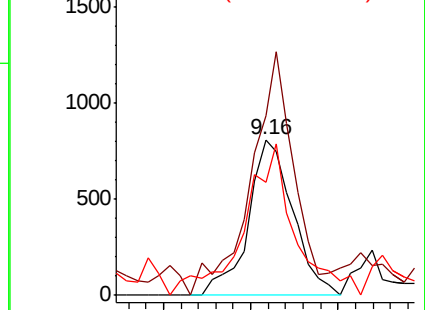
39 110.8 29.6 44.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#60

Dibromochloromethane

Concen: 2.551 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.25 min

Lab File: VX011012.D

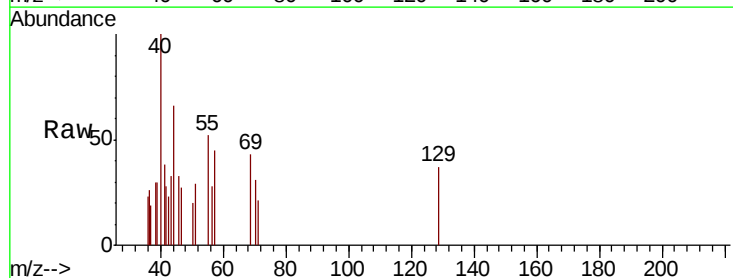
Acq: 19 Jul 2019 18:58

Tgt Ion: 129 Resp: 65

Ion Ratio Lower Upper

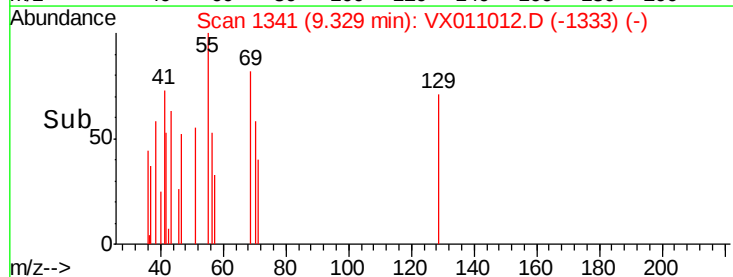
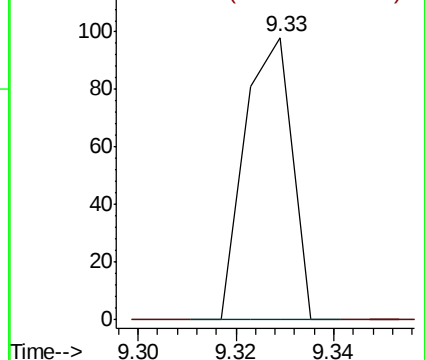
129 100

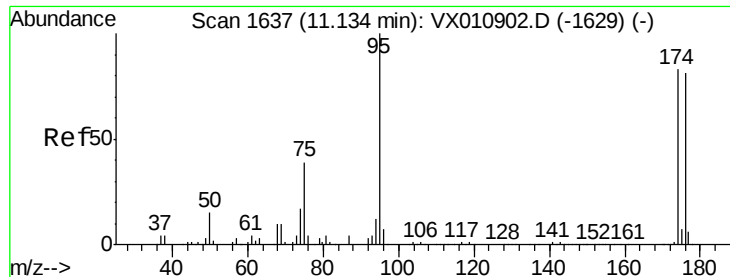
127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 53.317 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0606DL

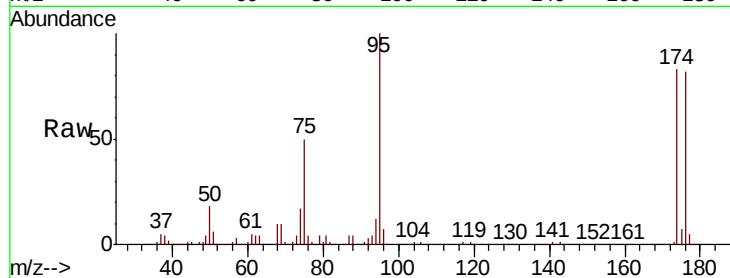
Tot Ion: 95 Resp: 161215

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.6

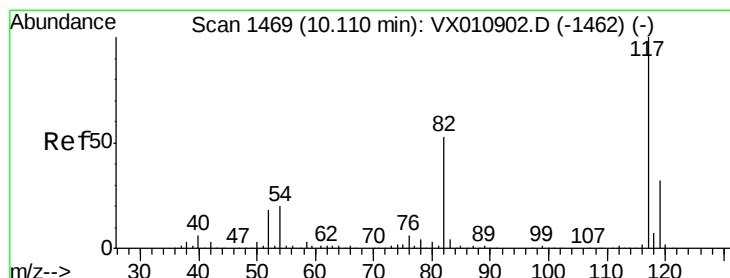
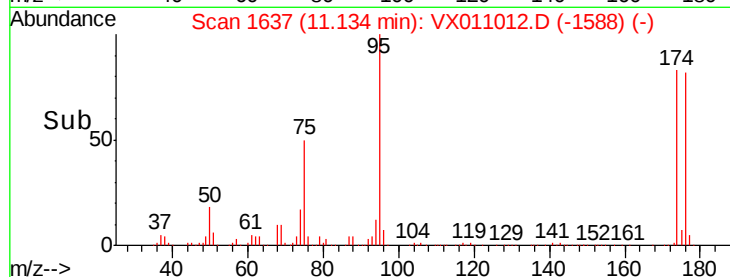
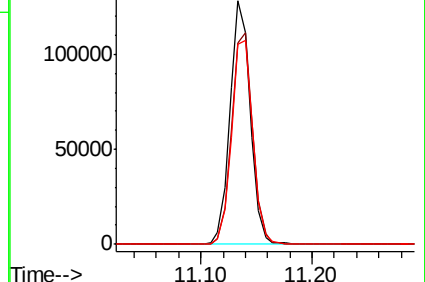
176 87.3 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011012.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011012.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011012.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

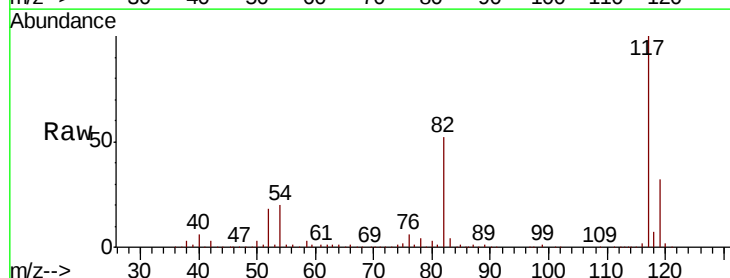
Tgt Ion: 117 Resp: 333008

Ion Ratio Lower Upper

117 100

82 52.3 42.6 63.8

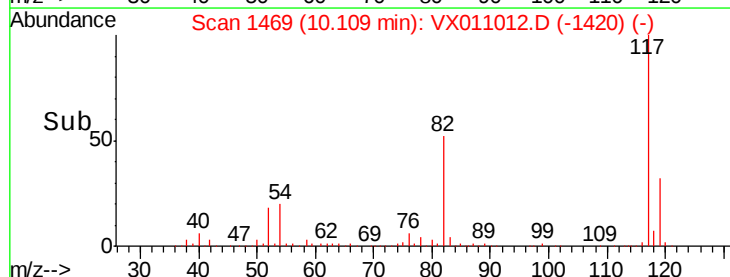
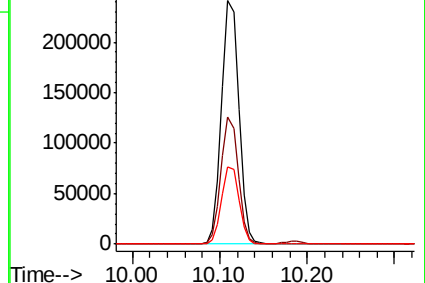
119 32.0 25.9 38.9

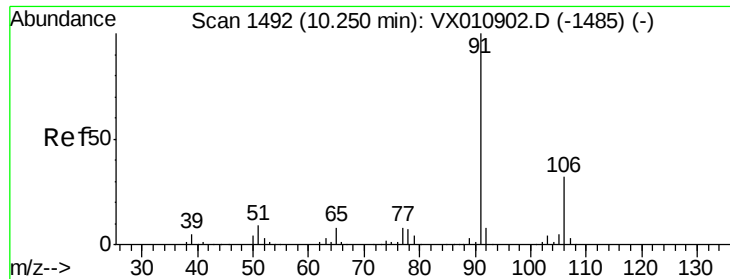


Abundance Ion 116.90 (116.60 to 117.60): VX011012.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011012.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011012.D (-1420) (-)

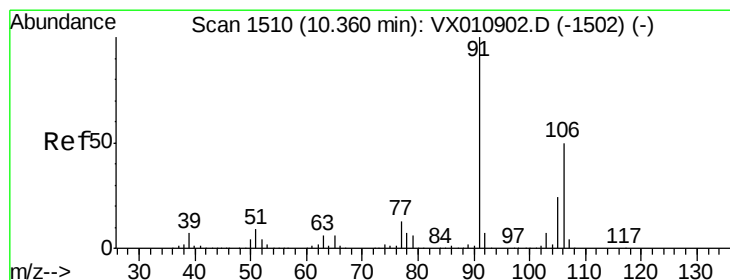
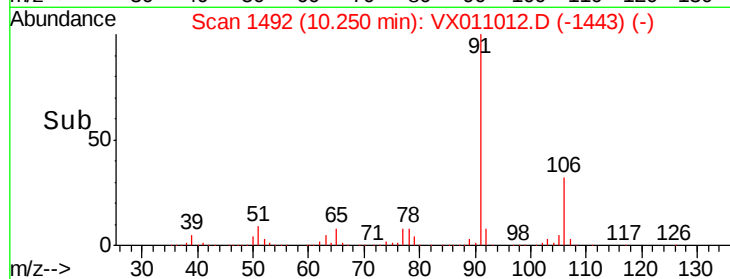
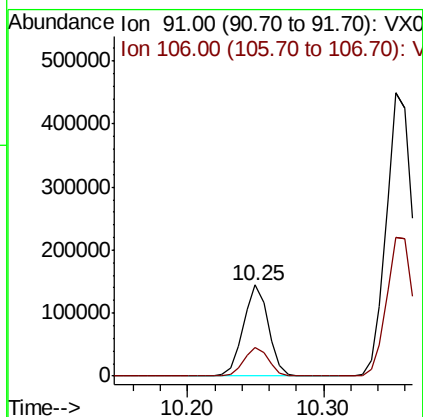
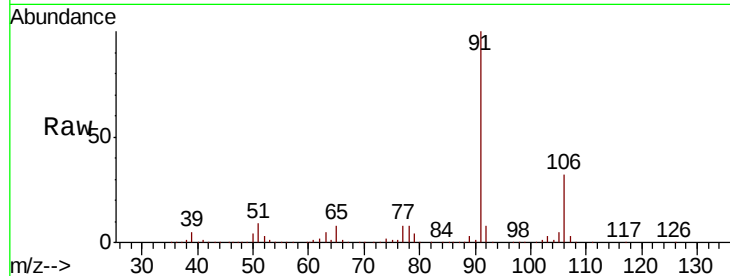




#67
Ethyl Benzene
Concen: 15.926 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

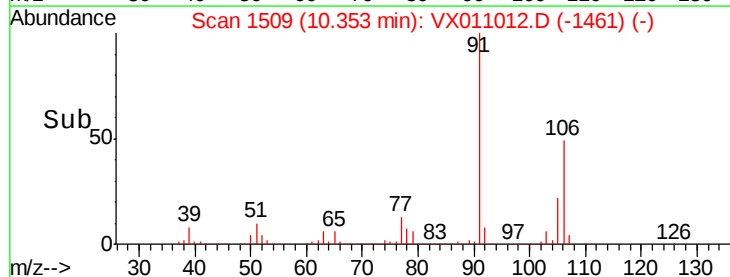
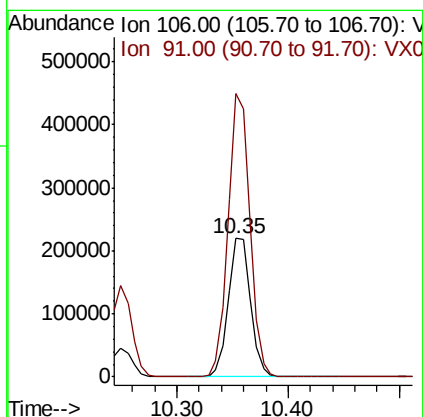
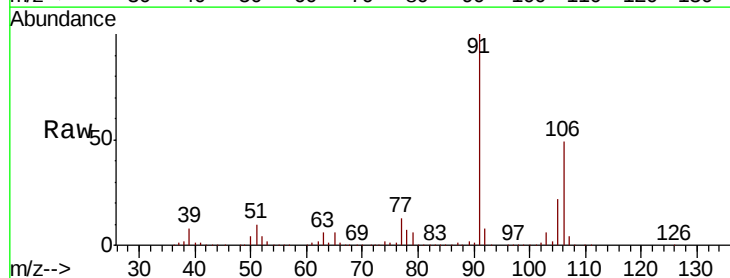
Instrument :
MSVOA_X
ClientSampled :
FL-0606DL

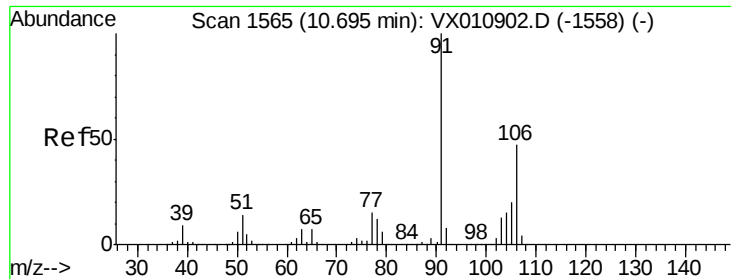
Tot Ion: 91 Resp: 185412
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 67.856 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion: 106 Resp: 303031
Ion Ratio Lower Upper
106 100
91 201.1 160.1 240.1

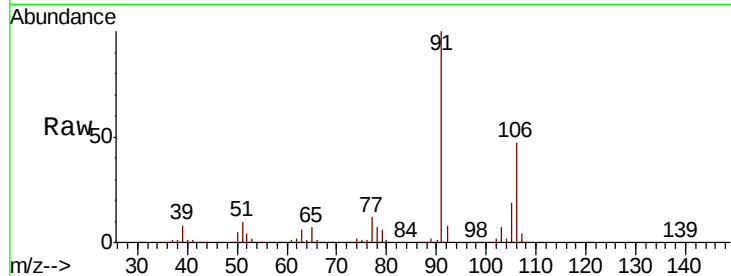




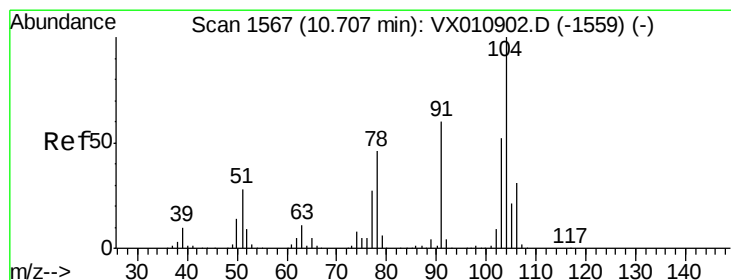
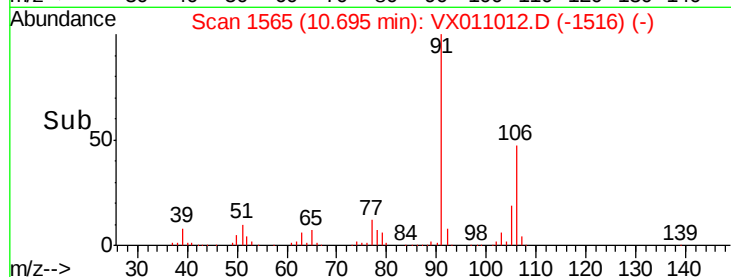
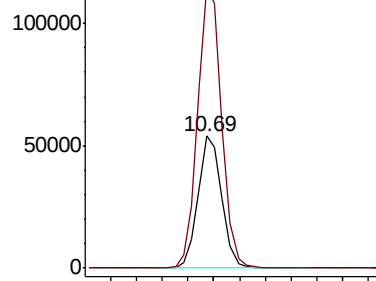
#69
o-Xylene
Concen: 16.067 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Instrument :
MSVOA_X
ClientSampled :
FL-0606DL

Tot Ion:106 Resp: 70028
Ion Ratio Lower Upper
106 100
91 215.2 105.1 315.3

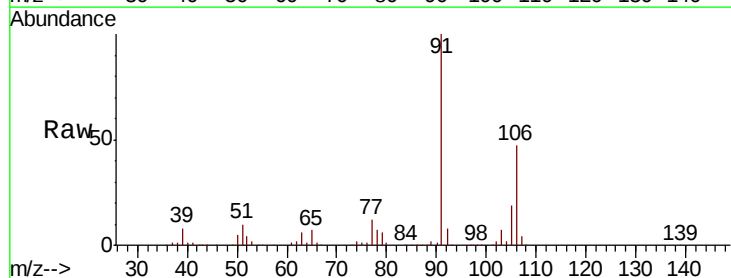


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

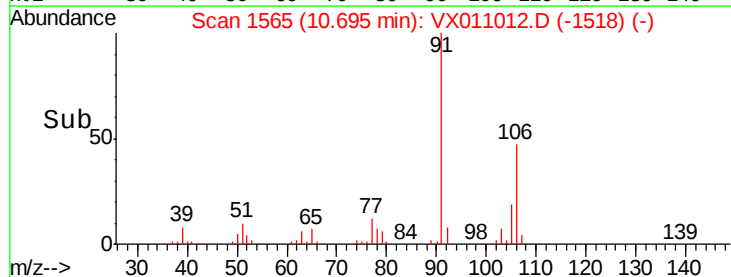
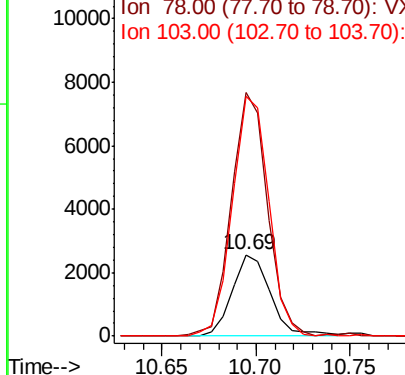


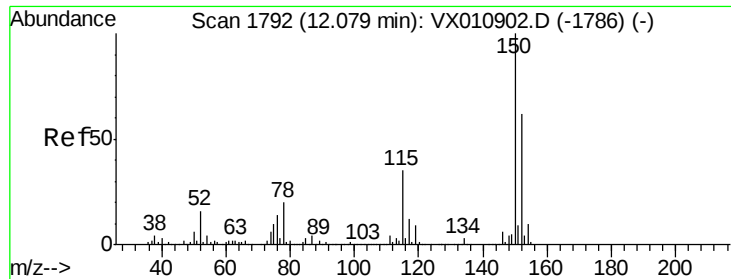
#70
Styrene
Concen: 0.500 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion:104 Resp: 3636
Ion Ratio Lower Upper
104 100
78 280.6 38.8 58.2#
103 278.9 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0606DL

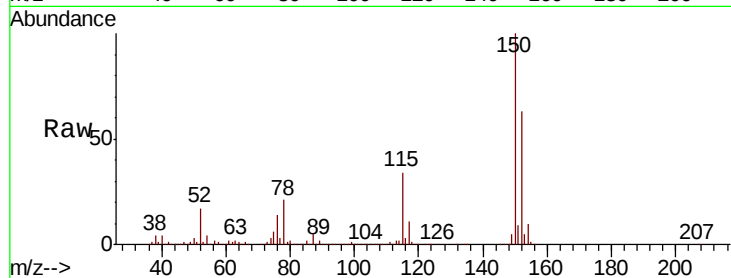
Tot Ion:152 Resp: 170733

Ion Ratio Lower Upper

152 100

115 56.6 39.7 119.1

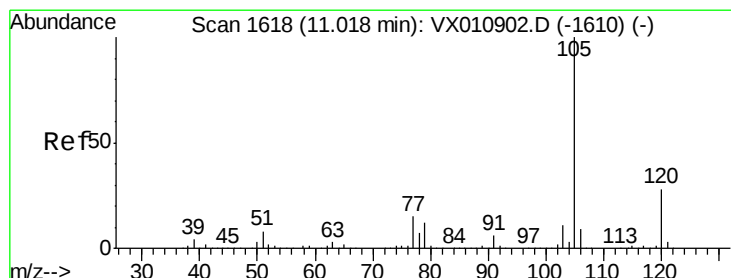
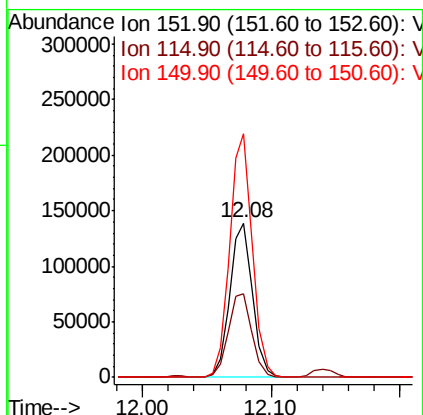
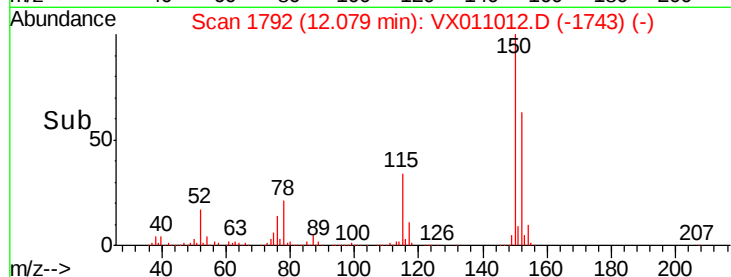
150 157.8 0.0 345.6



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: 5.402 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011012.D

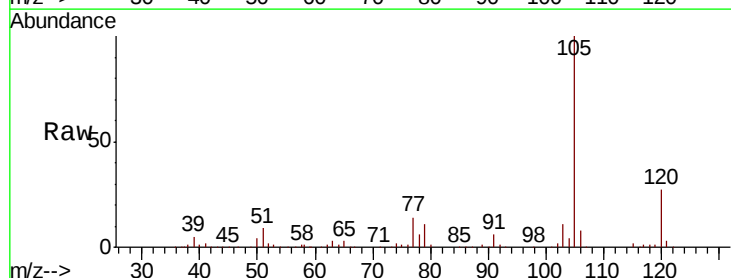
Acq: 19 Jul 2019 18:58

Tgt Ion:105 Resp: 62314

Ion Ratio Lower Upper

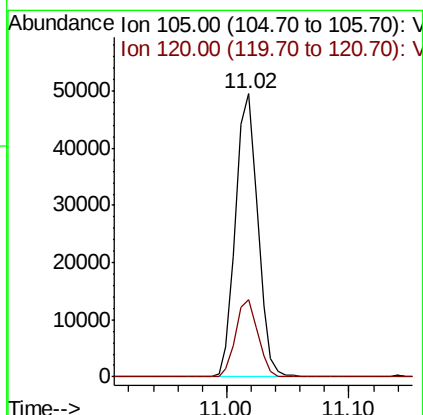
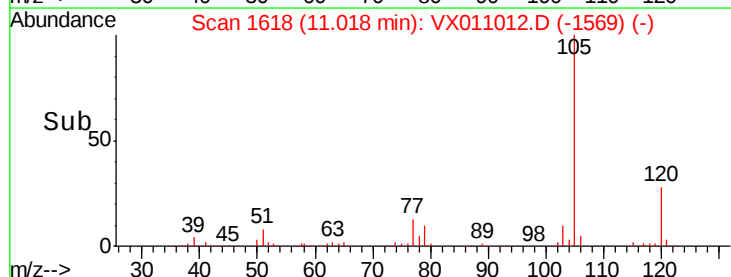
105 100

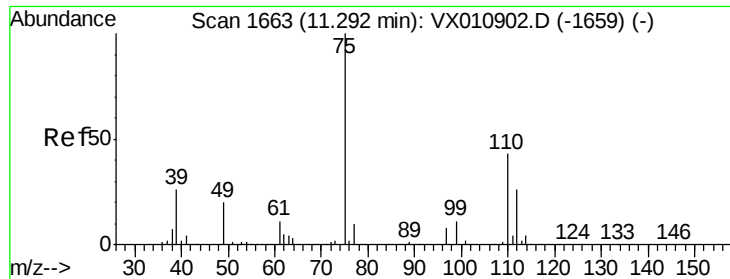
120 27.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

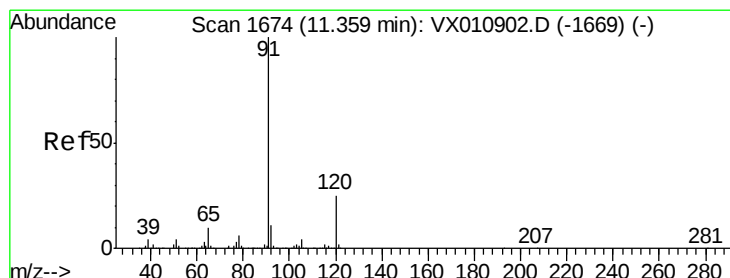
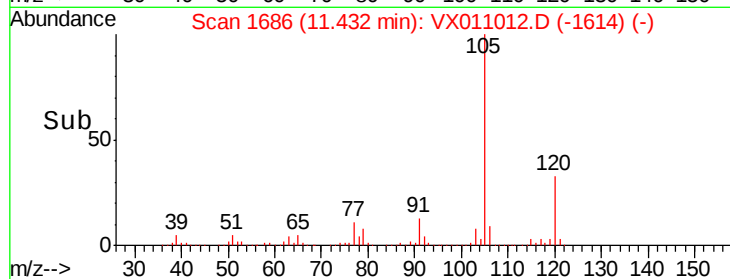
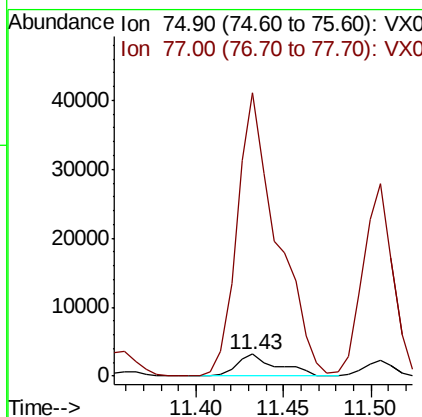
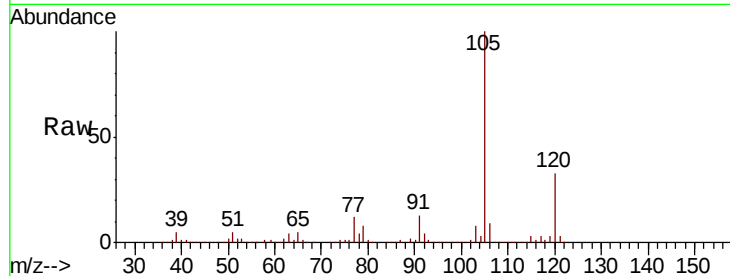




#76
 1,2,3-Trichloropropane
 Concen: 1.679 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.14 min
 Lab File: VX011012.D
 Acq: 19 Jul 2019 18:58

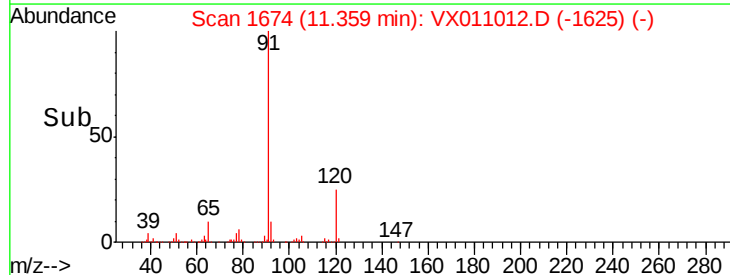
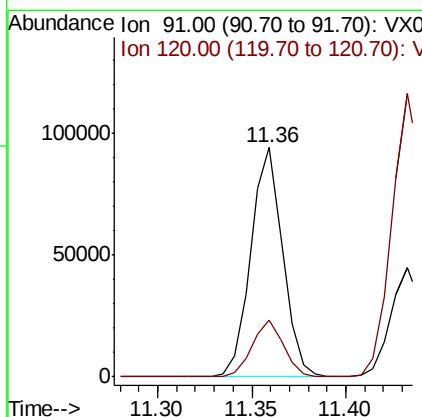
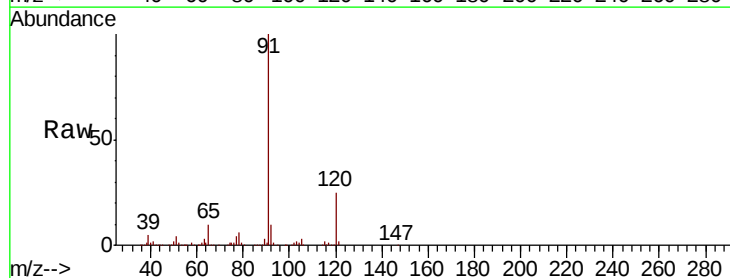
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0606DL

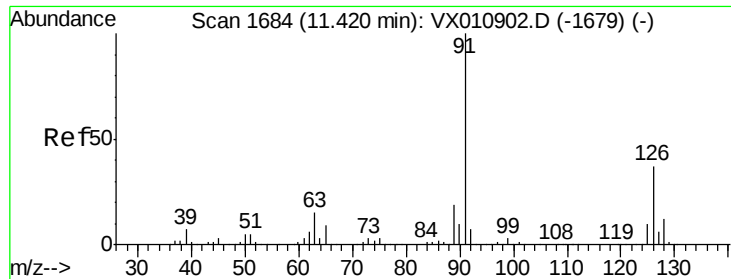
Tot Ion: 75 Resp: 5172
 Ion Ratio Lower Upper
 75 100
 77 1266.3 21.3 64.0#



#78
 n-propylbenzene
 Concen: 8.667 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX011012.D
 Acq: 19 Jul 2019 18:58

Tgt Ion: 91 Resp: 110478
 Ion Ratio Lower Upper
 91 100
 120 24.3 12.3 36.8





#79

2-Chlorotoluene

Concen: 9.331 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampled :

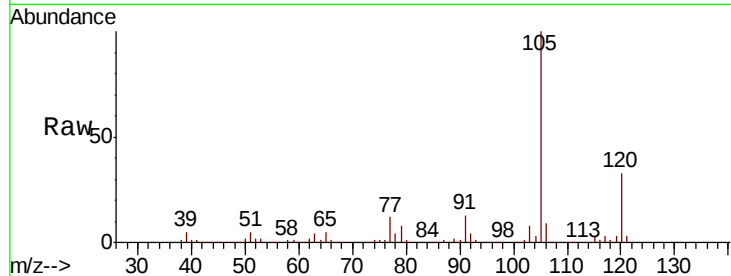
FL-0606DL

Tot Ion: 91 Resp: 71453

Ion Ratio Lower Upper

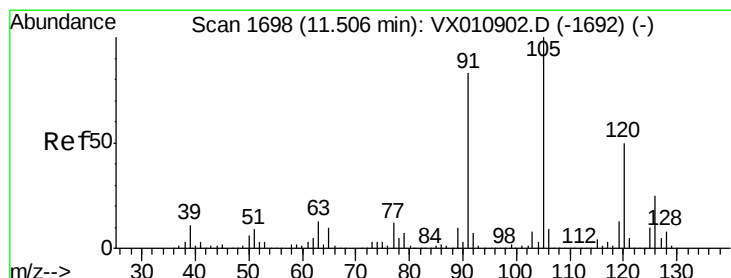
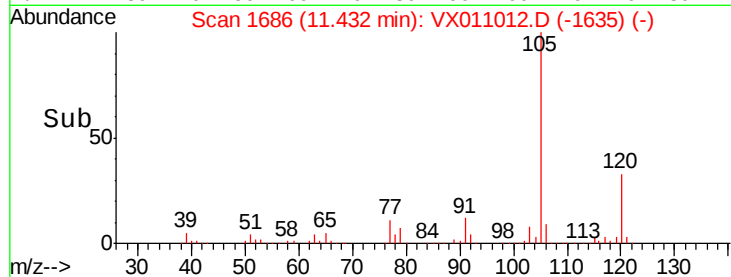
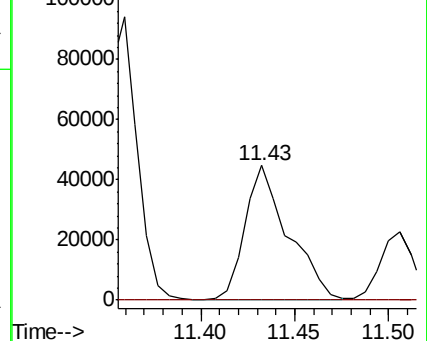
91 100

126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 27.075 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011012.D

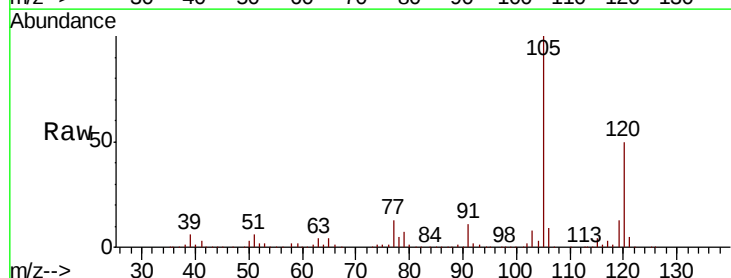
Acq: 19 Jul 2019 18:58

Tgt Ion:105 Resp: 261002

Ion Ratio Lower Upper

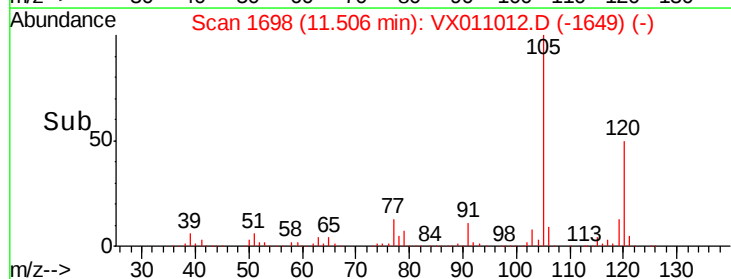
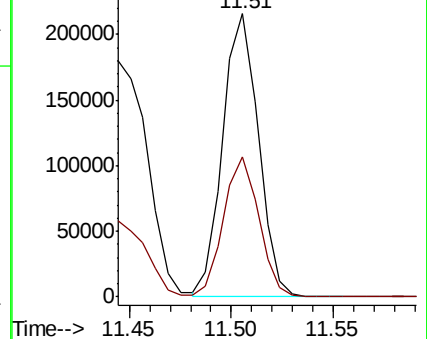
105 100

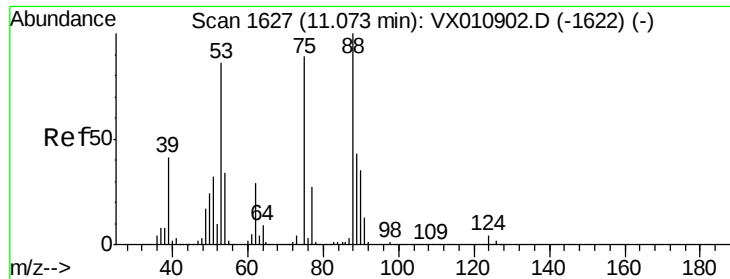
120 49.1 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 65.026 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0606DL

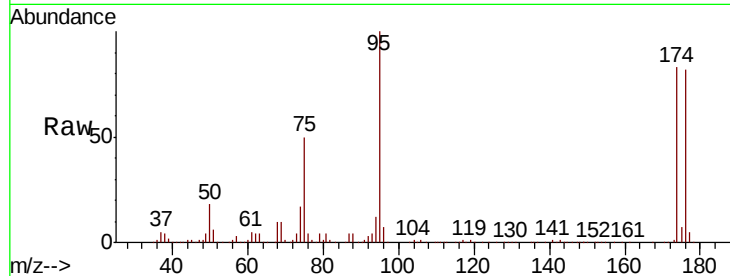
Tot Ion: 75 Resp: 80656

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

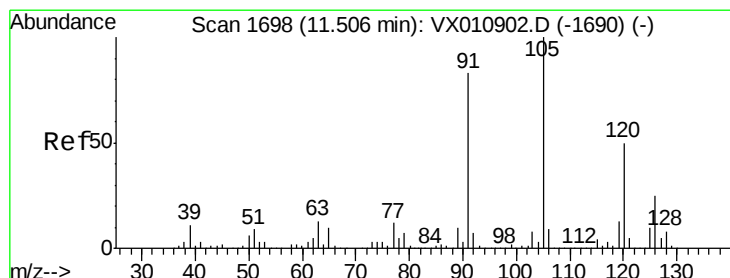
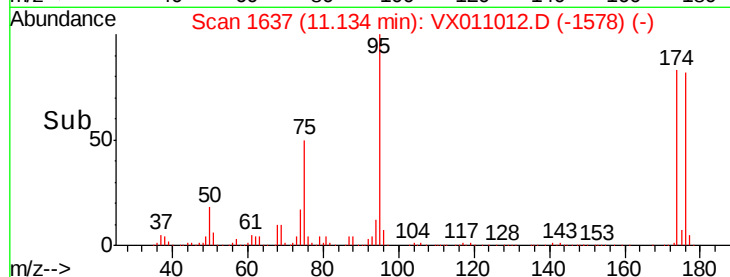
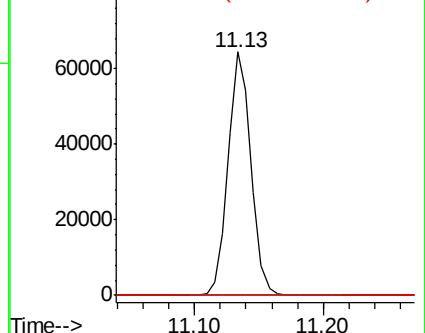
89 0.0 38.5 57.7#



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: 3.125 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011012.D

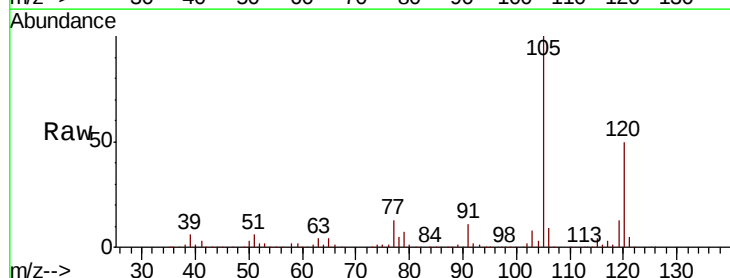
Acq: 19 Jul 2019 18:58

Tgt Ion: 91 Resp: 27848

Ion Ratio Lower Upper

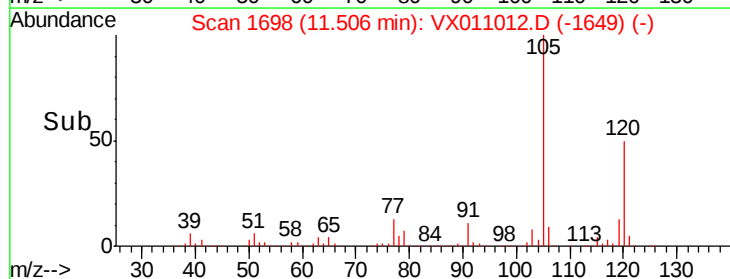
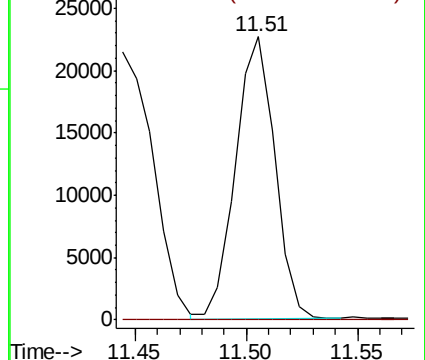
91 100

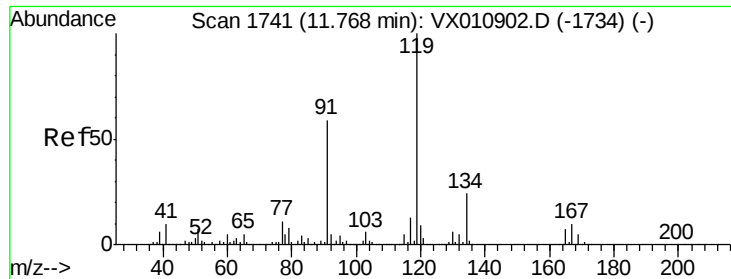
126 0.2 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

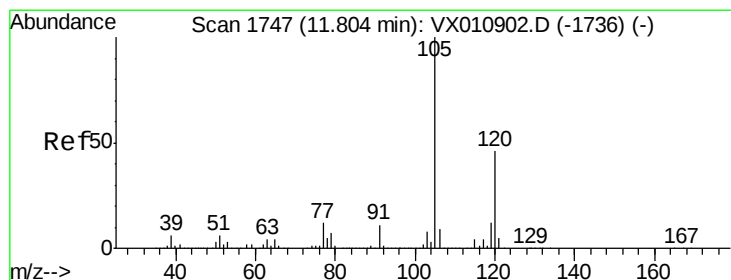
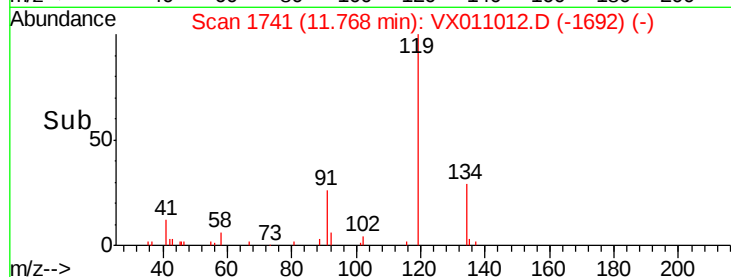
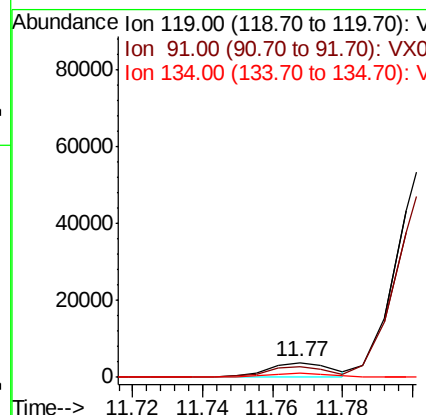
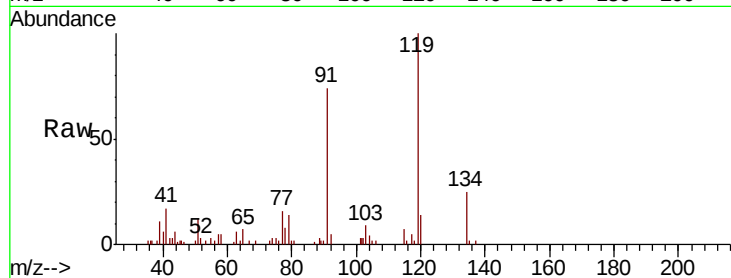




#83
tert-Butylbenzene
Concen: 0.518 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

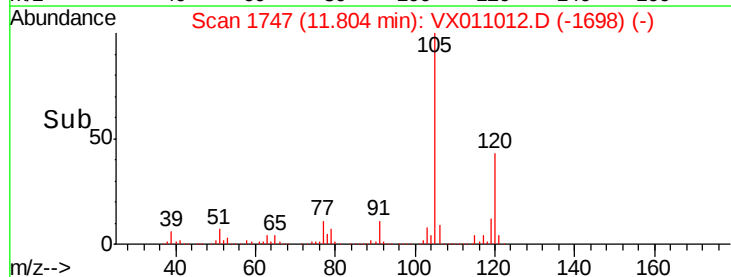
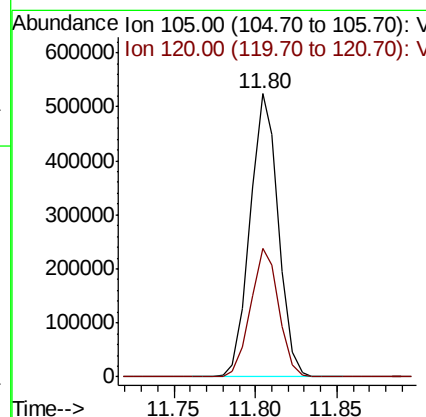
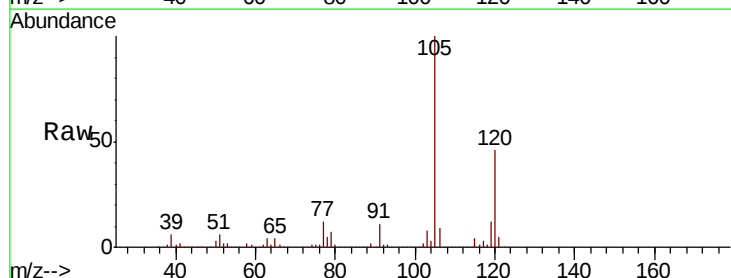
Instrument :
MSVOA_X
ClientSampleId :
FL-0606DL

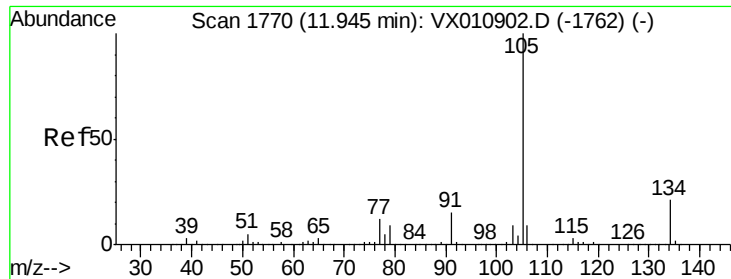
Tot Ion:119 Resp: 4905
Ion Ratio Lower Upper
119 100
91 72.4 28.6 85.8
134 26.9 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 65.010 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion:105 Resp: 631638
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 56.931 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

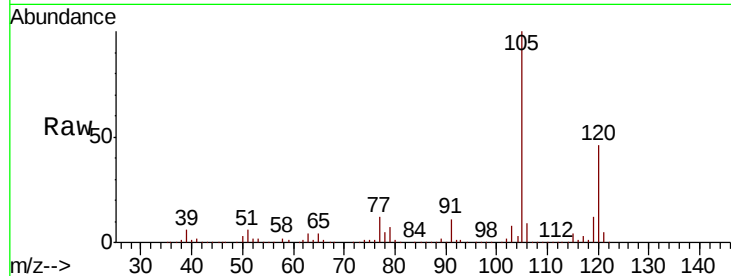
FL-0606DL

Tot Ion:105 Resp: 631638

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

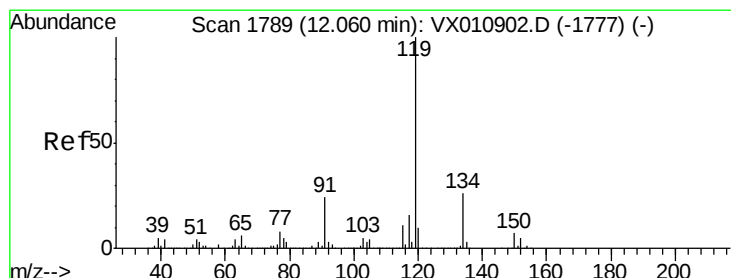
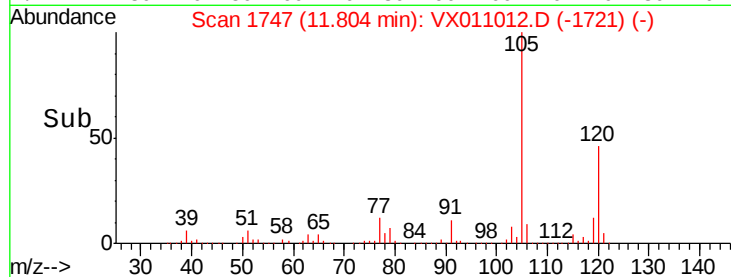
200000

100000

0

11.75 11.80 11.85

Time-->



#86

p-Isopropyltoluene

Concen: 0.914 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

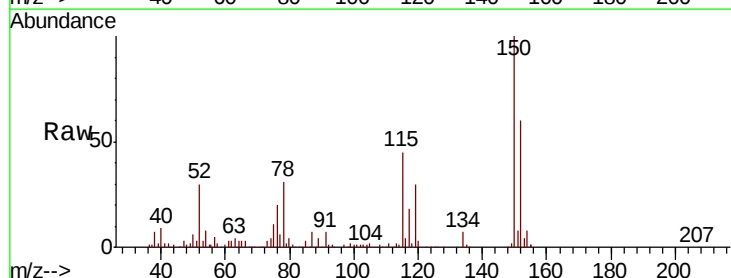
Tgt Ion:119 Resp: 9374

Ion Ratio Lower Upper

119 100

134 28.2 13.4 40.1

91 31.2 11.8 35.4



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

15000

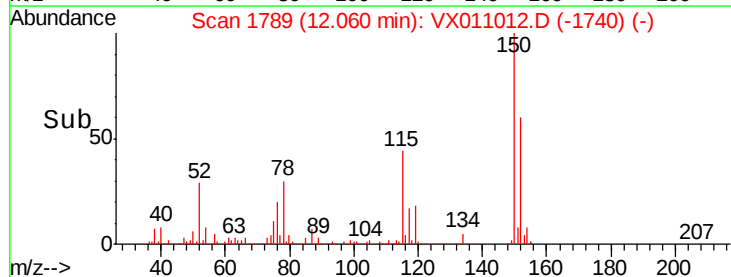
10000

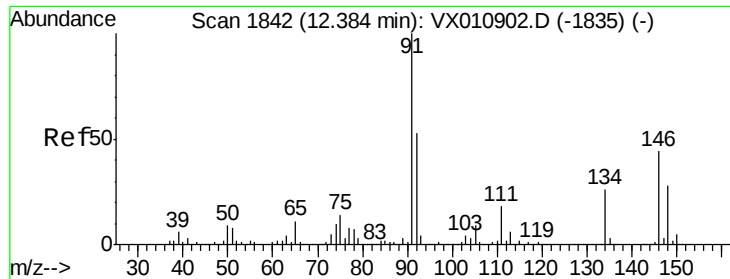
5000

0

12.05 12.10

Time-->

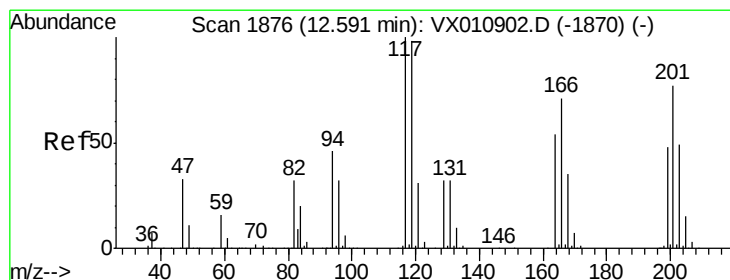
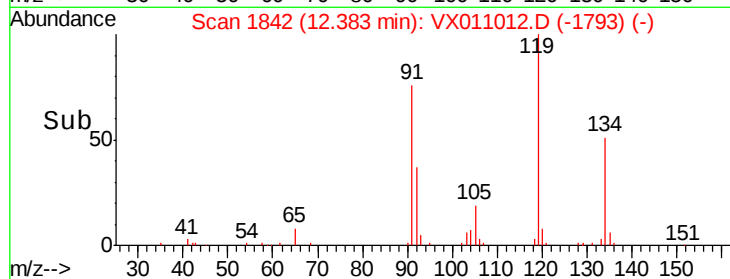
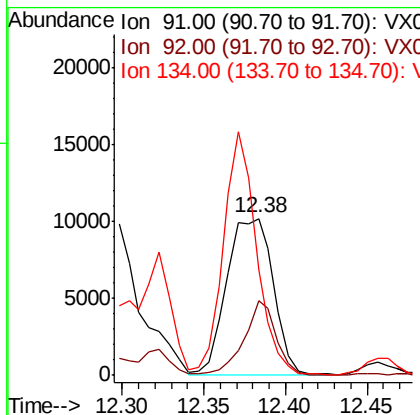
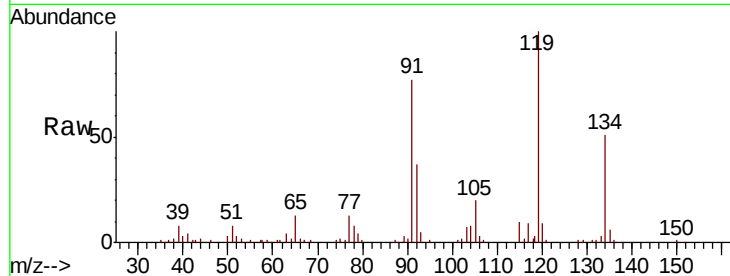




#89
n-Butylbenzene
Concen: 2.318 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

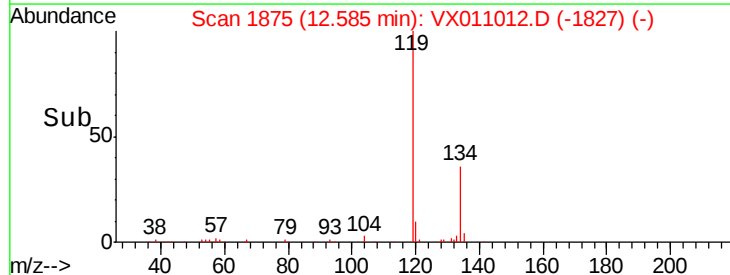
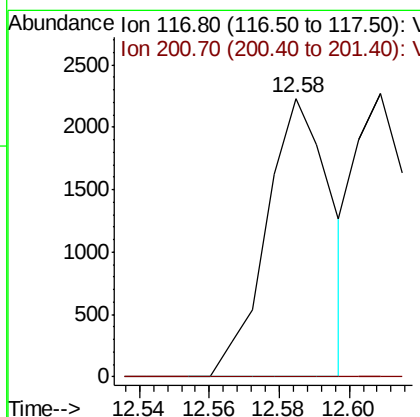
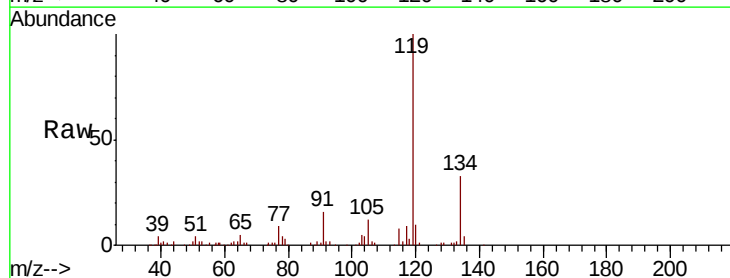
Instrument :
MSVOA_X
ClientSampled :
FL-0606DL

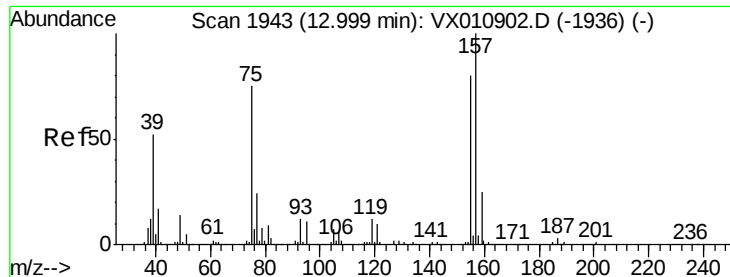
Tot Ion: 91 Resp: 20343
Ion Ratio Lower Upper
91 100
92 32.7 26.2 78.5
134 110.2 13.8 41.3#



#90
Hexachloroethane
Concen: 1.763 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011012.D
Acq: 19 Jul 2019 18:58

Tgt Ion: 117 Resp: 2853
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.411 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0606DL

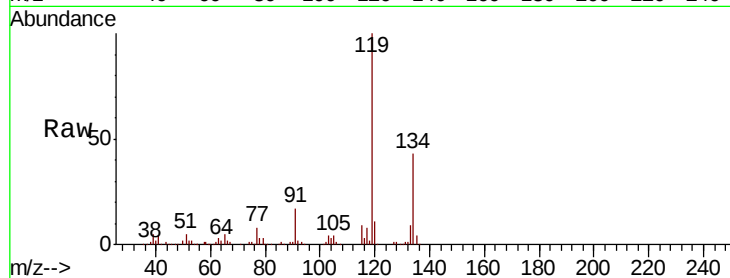
Tot Ion: 75 Resp: 324

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

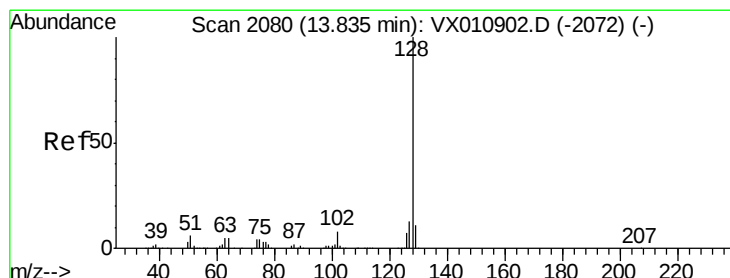
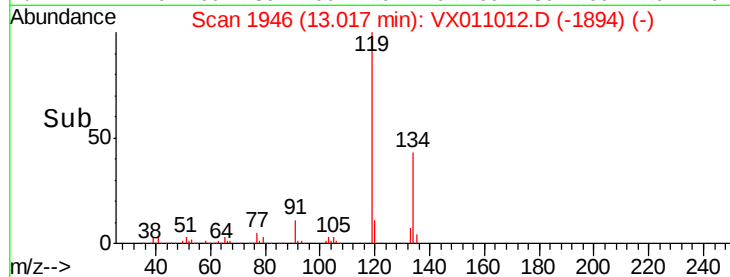
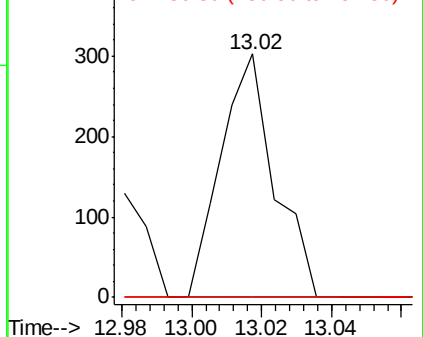
157 0.0 62.5 187.6#



Abundance Ion 74.90 (74.60 to 75.60): VX011012.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX011012.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX011012.D (-1894) (-)



#95

Naphthalene

Concen: 9.030 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX011012.D

Acq: 19 Jul 2019 18:58

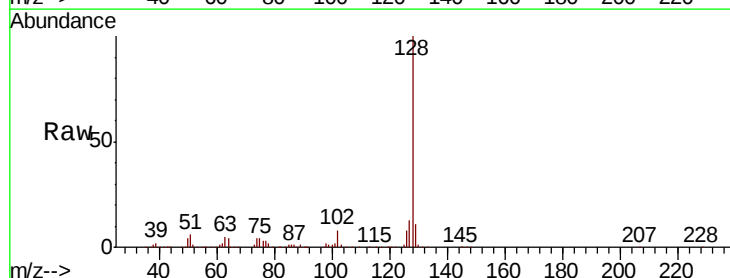
Tgt Ion: 128 Resp: 98900

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): VX011012.D (-2031) (-)

Ion 127.00 (126.70 to 127.70): VX011012.D (-2031) (-)

Ion 129.00 (128.70 to 129.70): VX011012.D (-2031) (-)

