

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011032.D
 Acq On : 22 Jul 2019 15:50
 Operator : JC/SP
 Sample : K3884-17DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0618DL

Quant Time: Jul 23 03:44:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	171868	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	125534	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
35) Dibromofluoromethane	5.50	113	112596	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
50) Toluene-d8	8.71	98	439564	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	165574	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	19	0.554	ug/l #	43
5) Bromomethane	1.64	94	583	0.473	ug/l #	68
11) Tert butyl alcohol	3.02	59	2283	3.950	ug/l #	73
13) Acrolein	2.31	56	73	0.219	ug/l #	15
14) Allyl chloride	2.85	41	4541	1.504	ug/l #	57
16) Acetone	2.44	43	915	0.816	ug/l #	84
18) Methyl Acetate	2.84	43	9712	3.805	ug/l #	48
20) Methylene Chloride	2.85	84	665	0.280	ug/l #	83
31) Cyclohexane	5.58	56	54209	16.086	ug/l	95
36) 1,1-Dichloropropene	5.67	75	15202	5.041	ug/l #	49
38) Carbon Tetrachloride	5.66	117	21765	6.926	ug/l #	18
39) Methylcyclohexane	7.46	83	62611	16.009	ug/l	98
43) Isopropyl Acetate	6.46	43	1109	0.218	ug/l #	61
45) 1,2-Dichloropropane	7.46	63	692	0.294	ug/l #	1
48) Methyl methacrylate	7.73	41	2694	1.089	ug/l #	49
49) 1,4-Dioxane	7.81	88	23	0.332	ug/l #	1
52) Toluene	8.79	92	10270	1.692	ug/l	95
55) 1,1,2-Trichloroethane	9.16	97	4378	1.752	ug/l #	18
56) Ethyl methacrylate	9.16	69	1053	0.288	ug/l #	1
60) Dibromochloromethane	9.82	129	26	2.536	ug/l #	11
67) Ethyl Benzene	10.25	91	397193	32.876	ug/l	99
68) m/p-Xylenes	10.35	106	499321	107.742	ug/l	99
69) o-Xylene	10.69	106	234375	51.819	ug/l	98
70) Styrene	10.70	104	12262	1.626	ug/l #	1
73) Isopropylbenzene	11.02	105	56931	4.902	ug/l	99
76) 1,2,3-Trichloropropane	11.43	75	2764	0.891	ug/l #	1
78) n-propylbenzene	11.36	91	81796	6.375	ug/l	99
79) 2-Chlorotoluene	11.43	91	35606	4.619	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	106284	10.953	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	83458	66.730	ug/l #	11
82) 4-Chlorotoluene	11.51	91	11721	1.306	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.80	105	291553	29.809	ug/l	98
85) sec-Butylbenzene	11.94	105	10862	0.973	ug/l #	73
86) p-Isopropyltoluene	12.06	119	8528	0.826	ug/l	95

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Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration

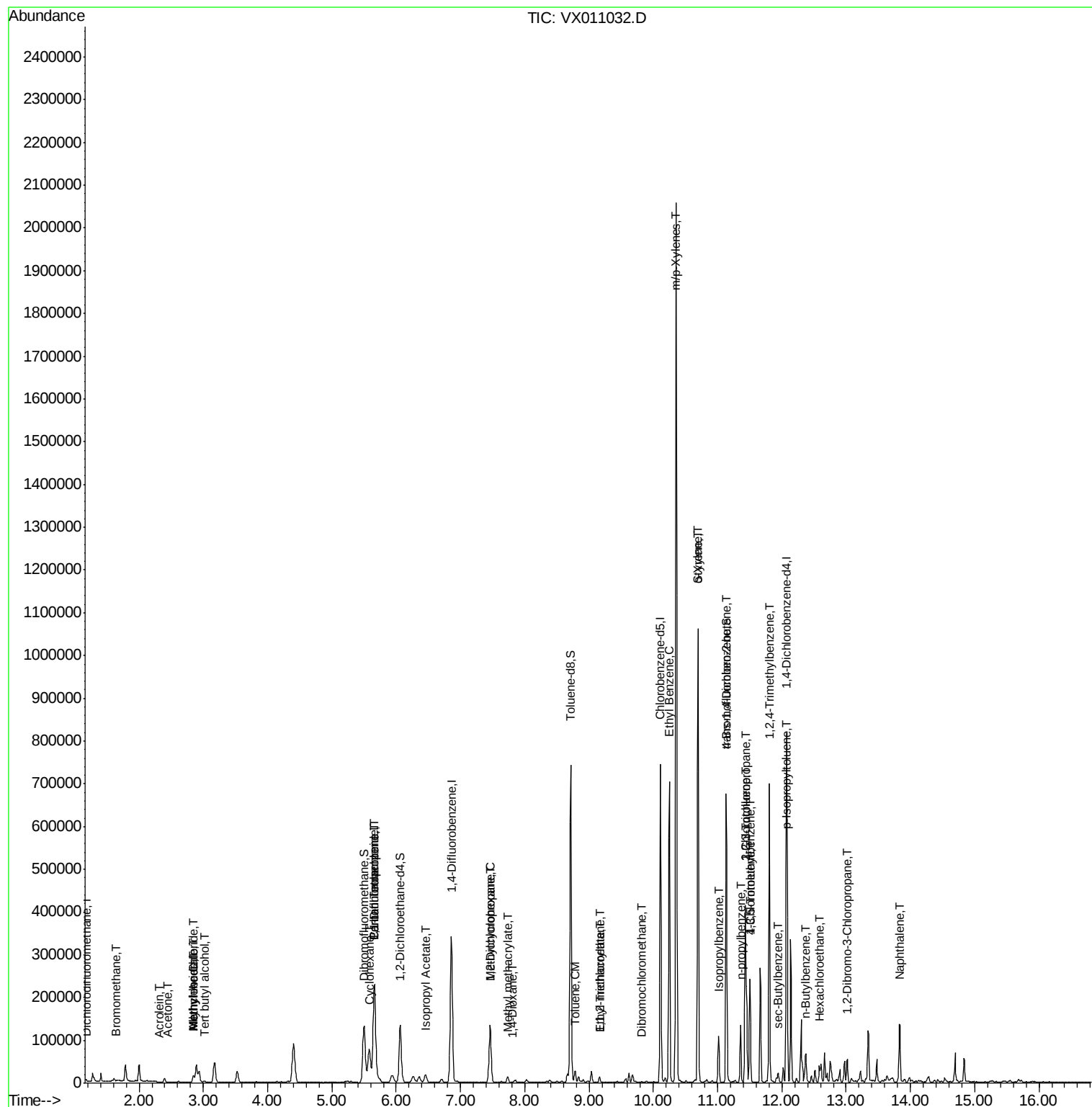
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	9780	1.107	ug/l #	27
90) Hexachloroethane	12.58	117	1705	1.047	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	356	0.448	ug/l #	1
95) Naphthalene	13.83	128	88164	7.996	ug/l	99

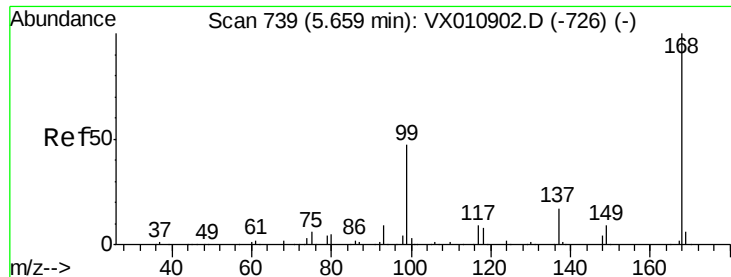
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072219\
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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: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampleID :

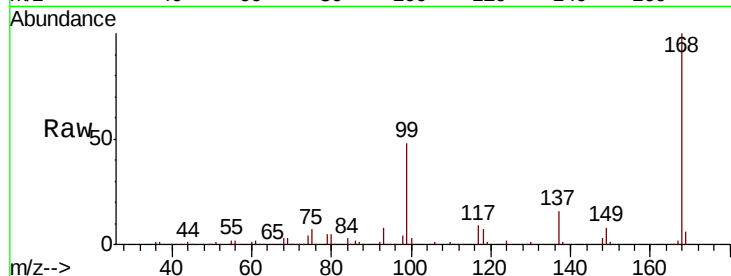
FL-0618DL

Tot Ion:168 Resp: 233295

Ion Ratio Lower Upper

168 100

99 48.4 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

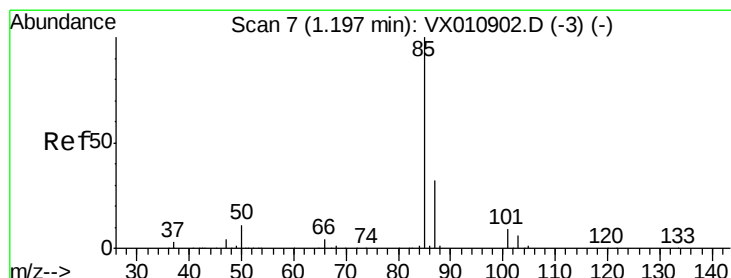
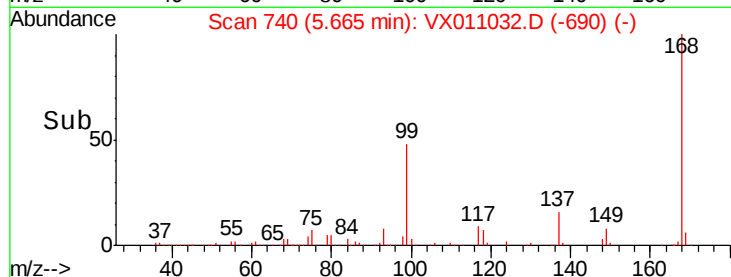
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.554 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX011032.D

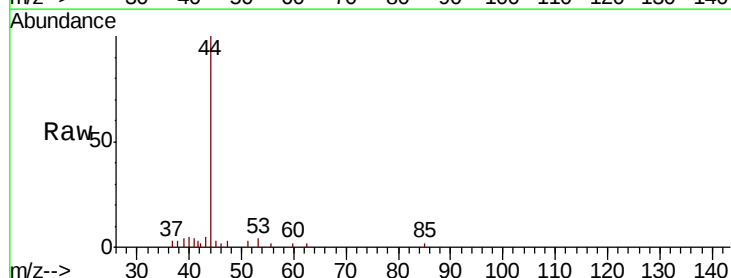
Acq: 22 Jul 2019 15:50

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

1.19

60

50

40

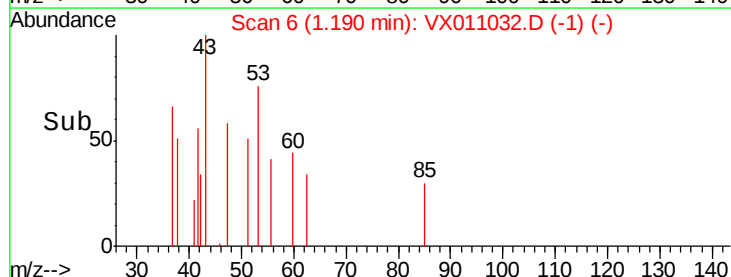
30

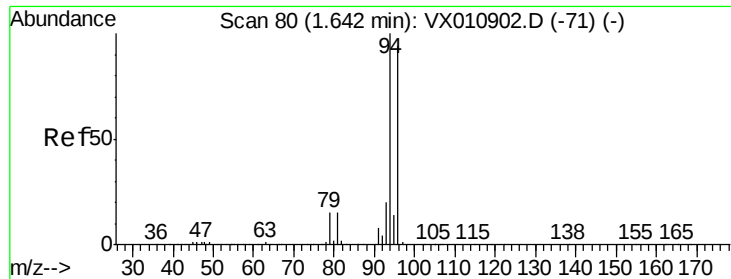
20

10

0

Time--> 1.17 1.18 1.19 1.20 1.21





#5

Bromomethane

Concen: 0.473 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampled :

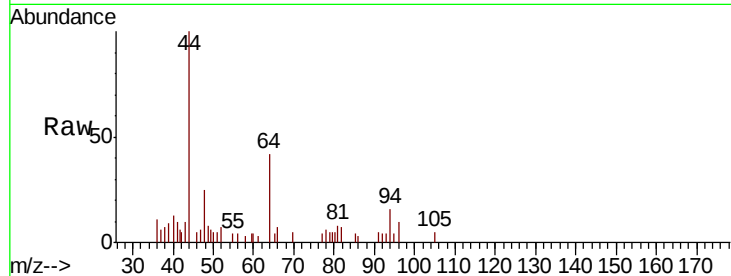
FL-0618DL

Tot Ion: 94 Resp: 583

Ion Ratio Lower Upper

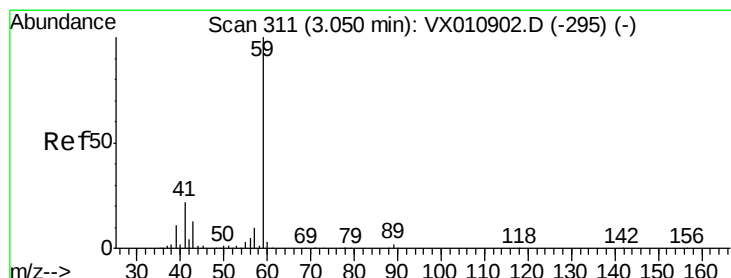
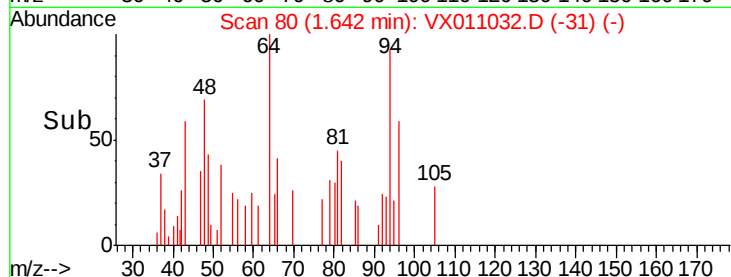
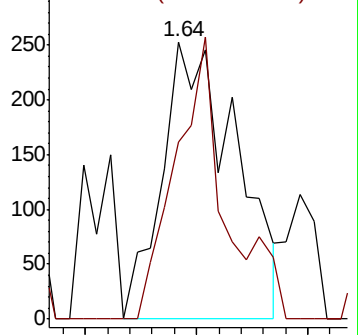
94 100

96 63.6 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 3.950 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX011032.D

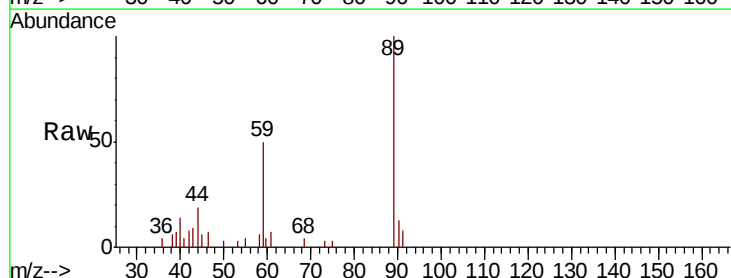
Acq: 22 Jul 2019 15:50

Tgt Ion: 59 Resp: 2283

Ion Ratio Lower Upper

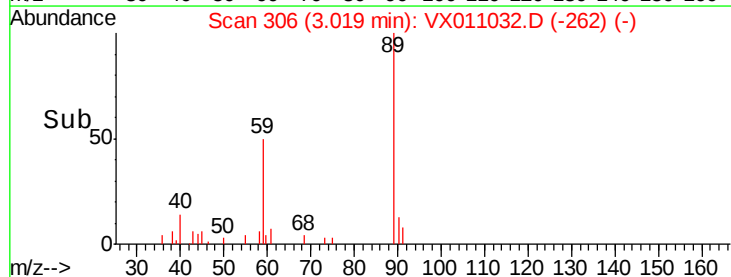
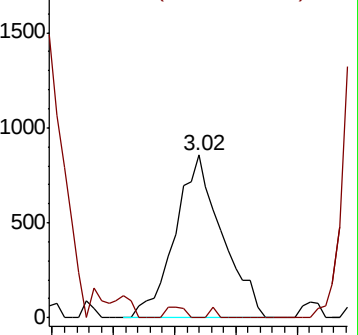
59 100

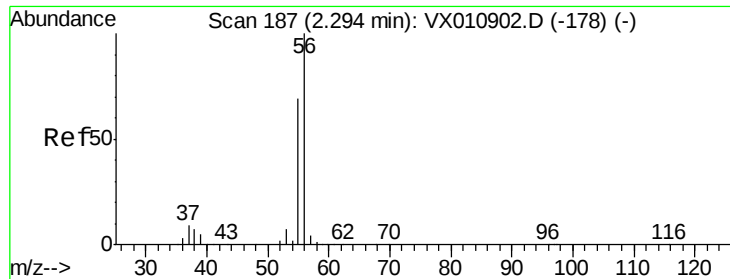
57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.219 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampled :

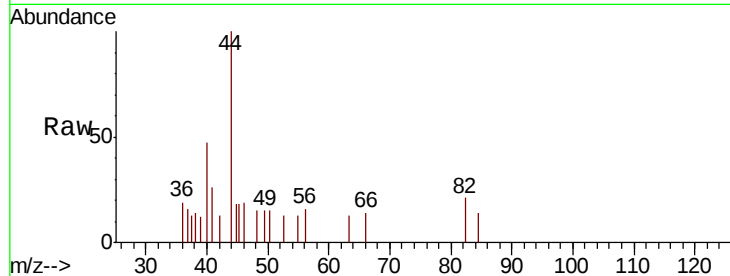
FL-0618DL

Tot Ion: 56 Resp: 73

Ion Ratio Lower Upper

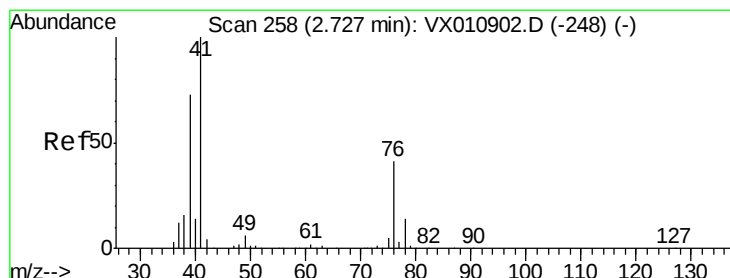
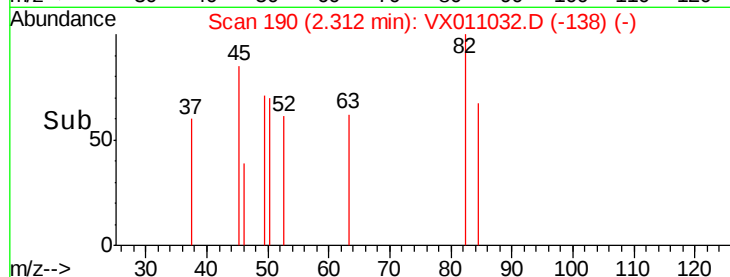
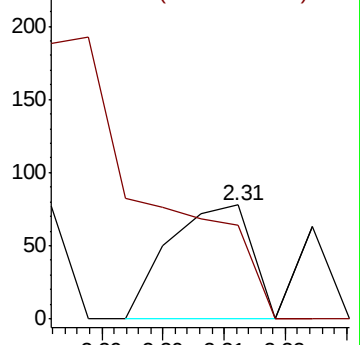
56 100

55 0.0 55.9 83.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.504 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

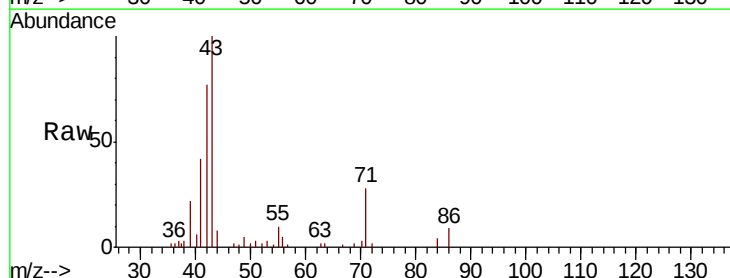
Tgt Ion: 41 Resp: 4541

Ion Ratio Lower Upper

41 100

39 40.6 53.6 80.4#

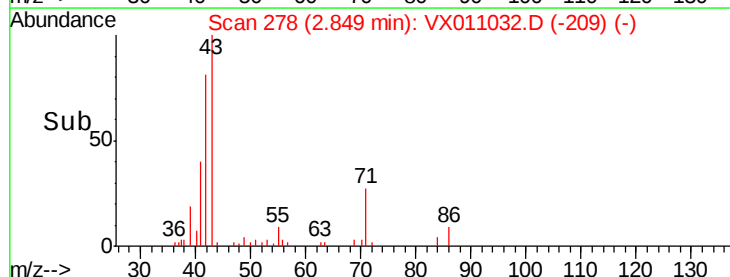
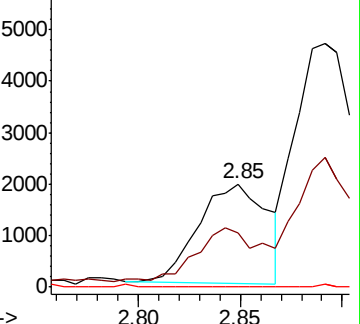
76 0.0 29.7 44.5#

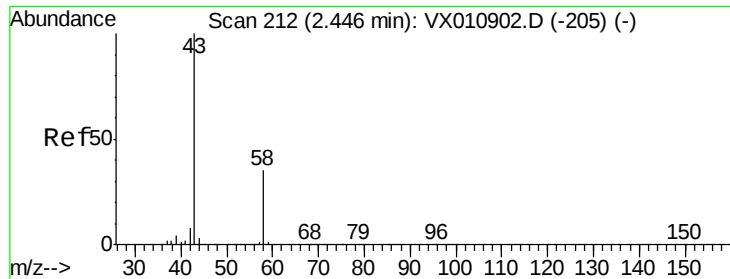


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 0.816 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampled :

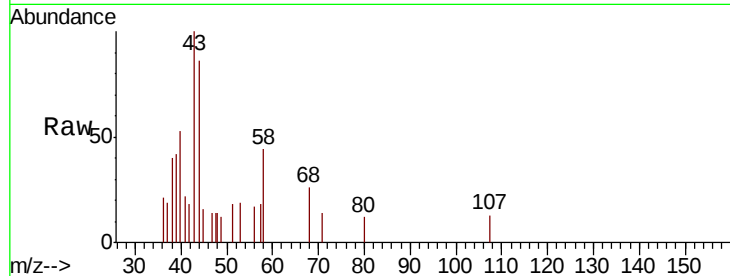
FL-0618DL

Tot Ion: 43 Resp: 915

Ion Ratio Lower Upper

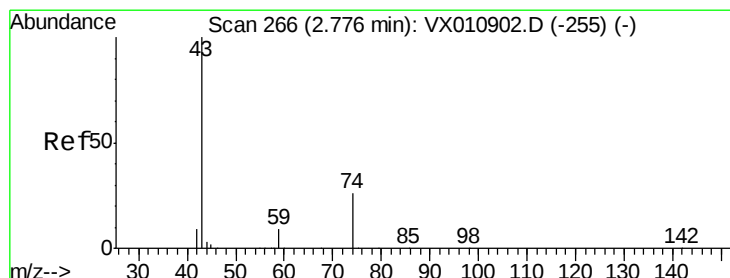
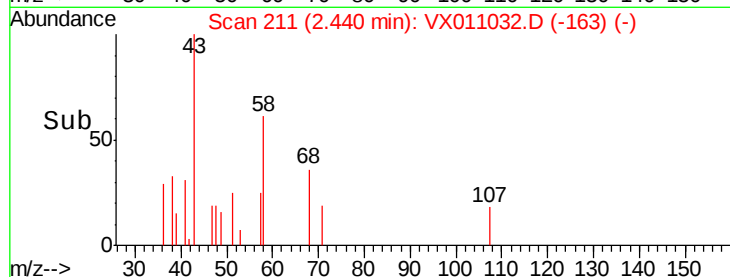
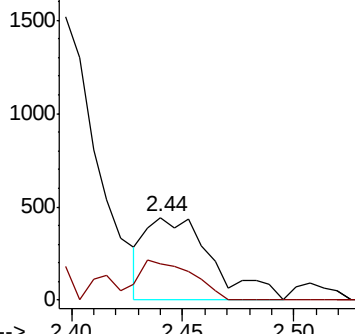
43 100

58 44.1 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: 3.805 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX011032.D

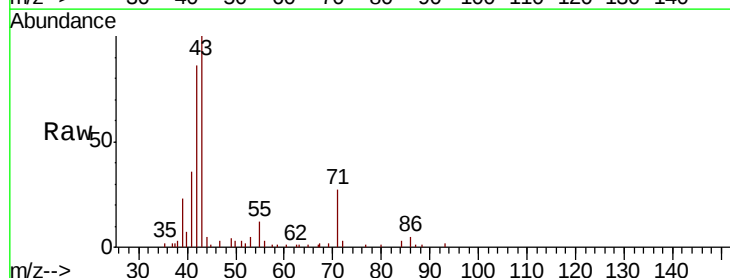
Acq: 22 Jul 2019 15:50

Tgt Ion: 43 Resp: 9712

Ion Ratio Lower Upper

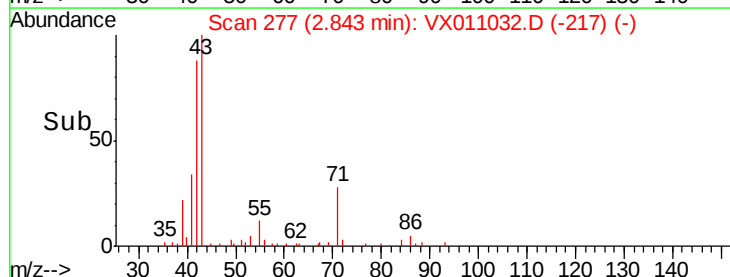
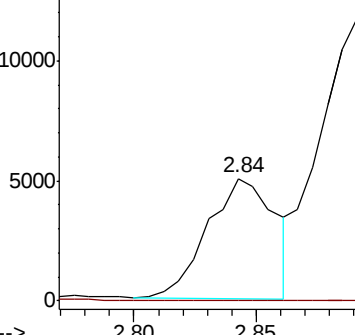
43 100

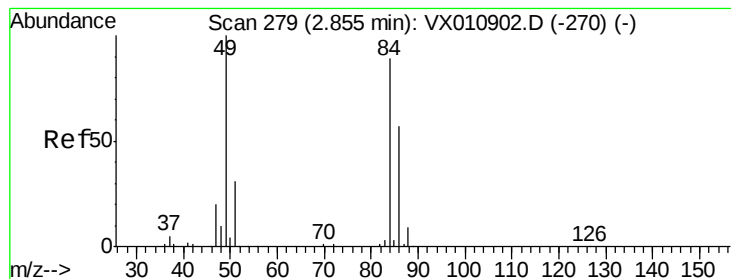
74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methvlene Chloride

Concen: 0.280 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

FL-0618DL

Tot Ion: 84 Resp: 665

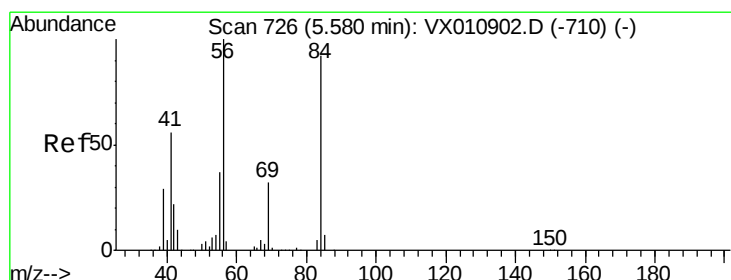
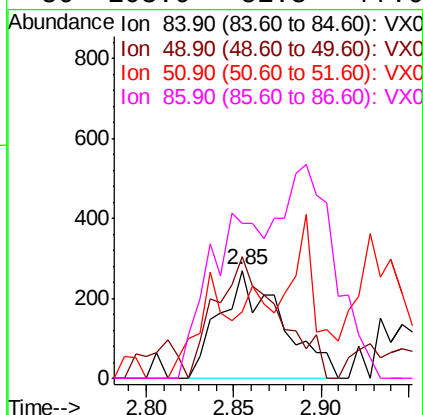
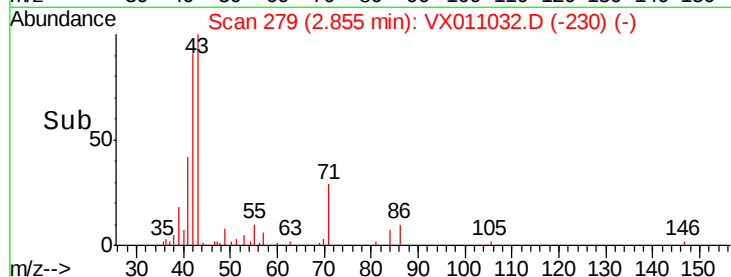
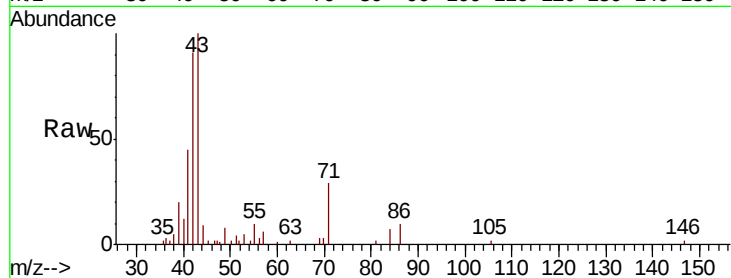
Ion Ratio Lower Upper

84 100

49 112.9 89.9 134.9

51 26.9 27.8 41.6#

86 103.0 51.8 77.6#



#31

Cyclohexane

Concen: 16.086 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

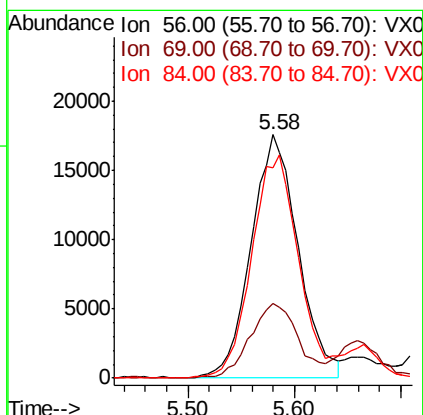
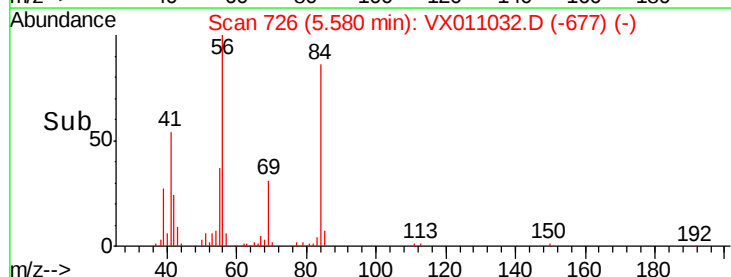
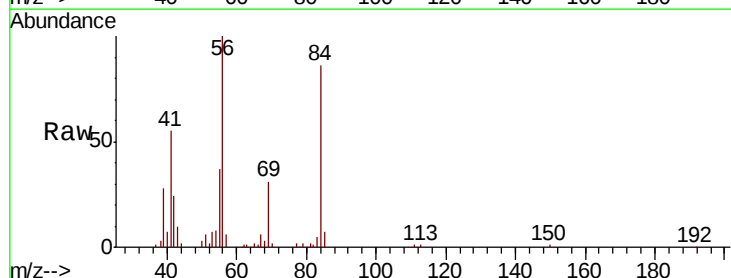
Tgt Ion: 56 Resp: 54209

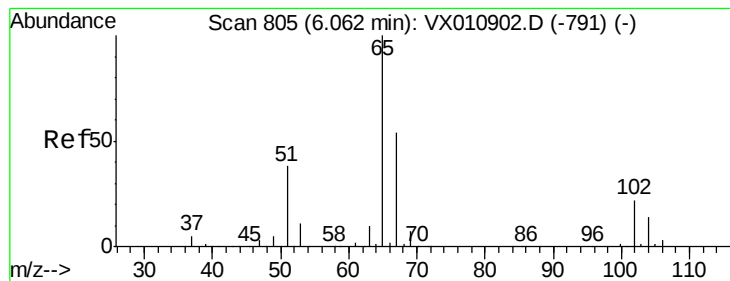
Ion Ratio Lower Upper

56 100

69 30.9 25.8 38.8

84 86.3 73.8 110.6





#33

1,2-Dichloroethane-d4

Concen: 50.580 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampled :

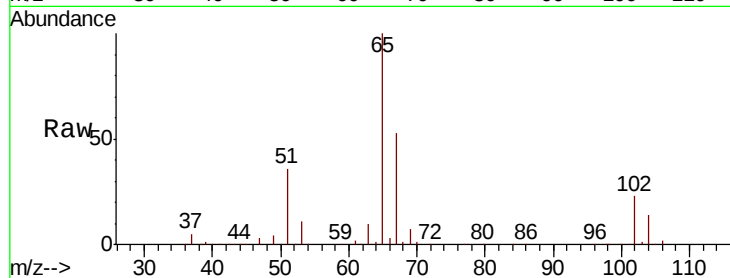
FL-0618DL

Tot Ion: 65 Resp: 125534

Ion Ratio Lower Upper

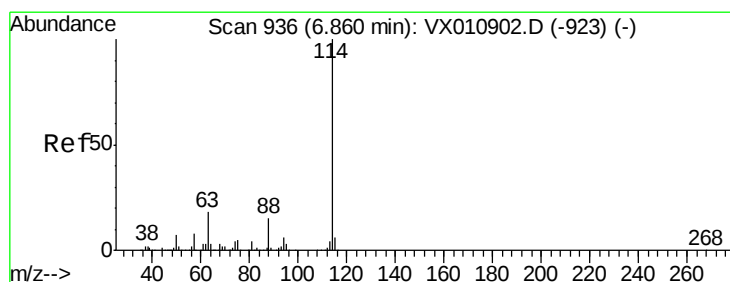
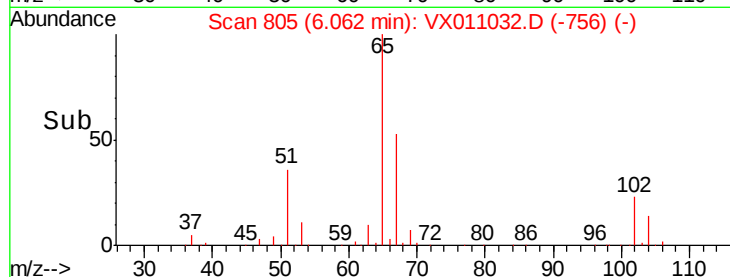
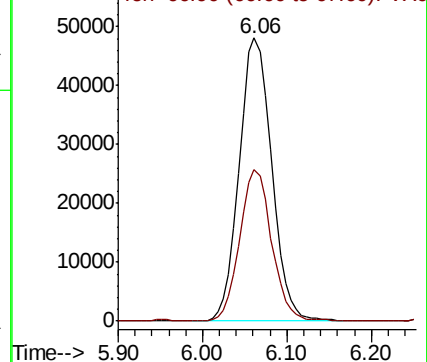
65 100

67 52.6 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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

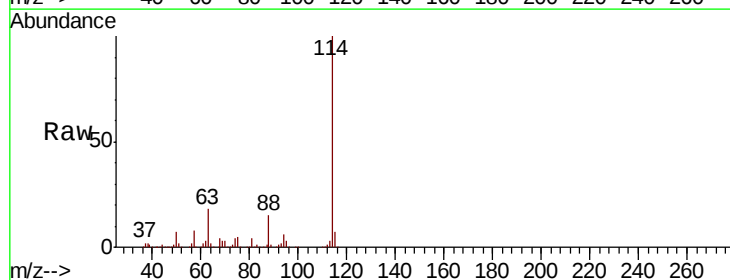
Tgt Ion: 114 Resp: 367163

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

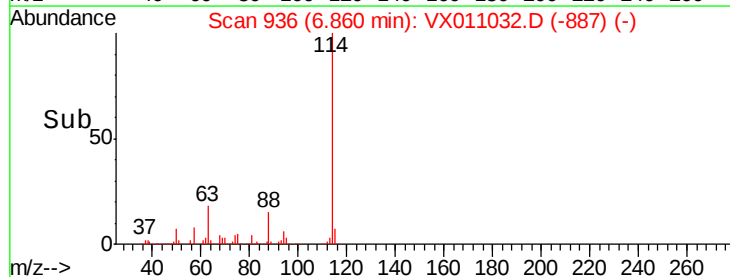
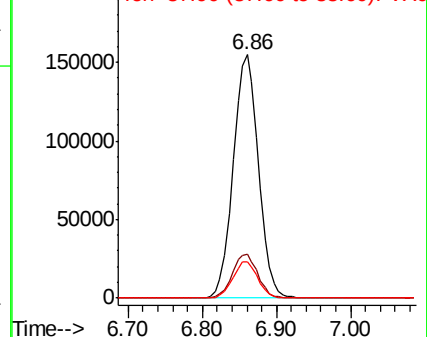
88 14.9 0.0 29.8

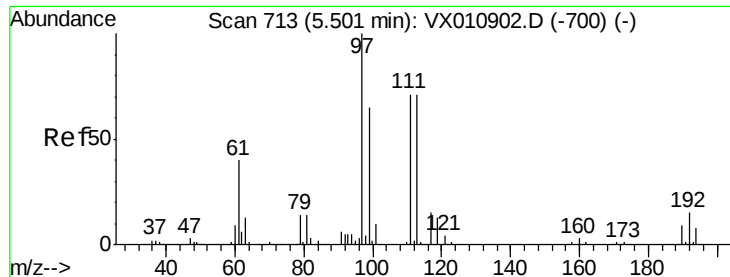


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.315 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampled :

FL-0618DL

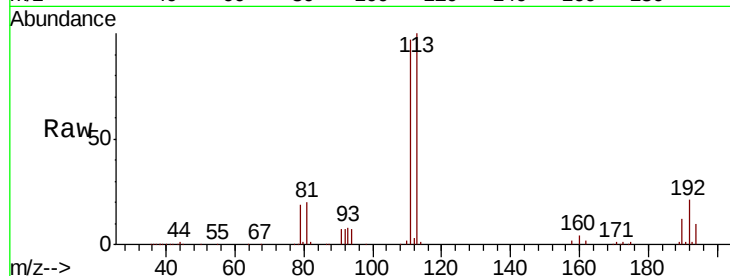
Tot Ion:113 Resp: 112596

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

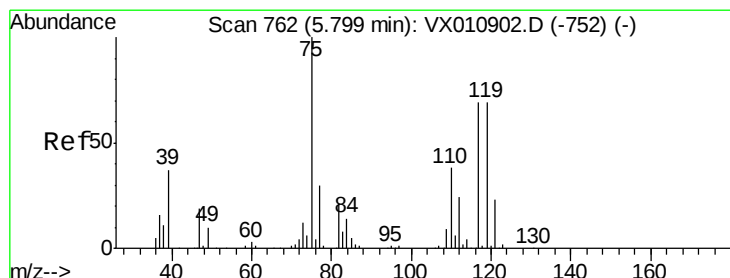
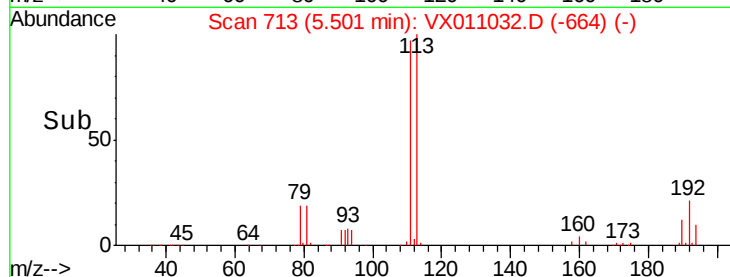
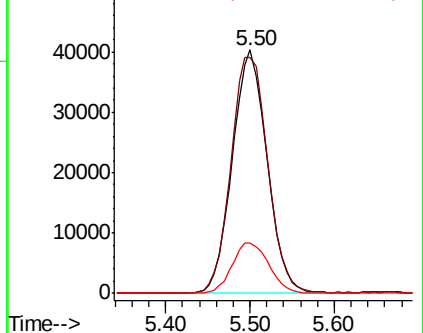
192 22.0 17.4 26.2



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: 5.041 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

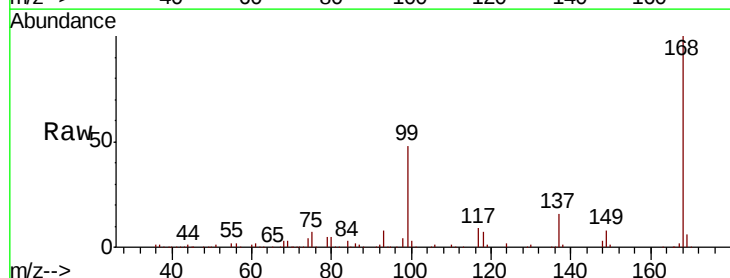
Tgt Ion: 75 Resp: 15202

Ion Ratio Lower Upper

75 100

110 11.5 19.9 59.7#

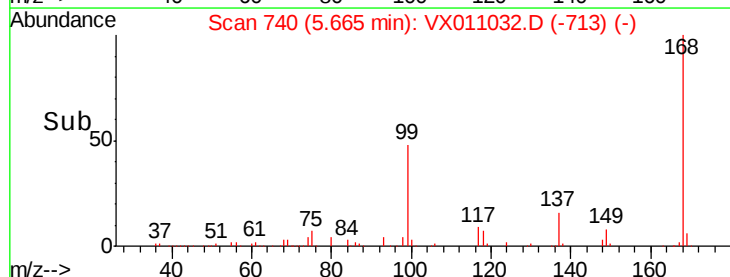
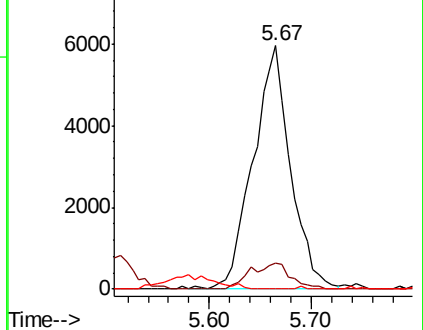
77 0.0 25.0 37.4#

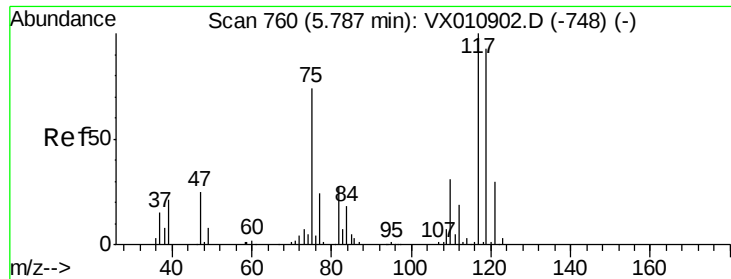


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

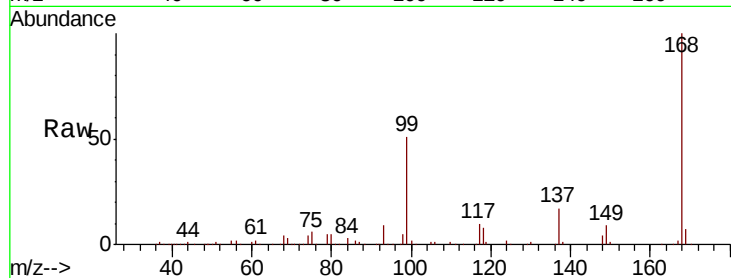




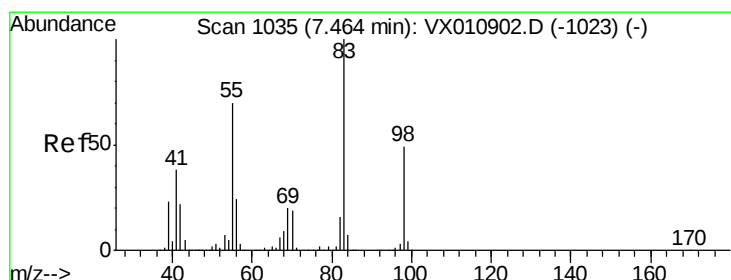
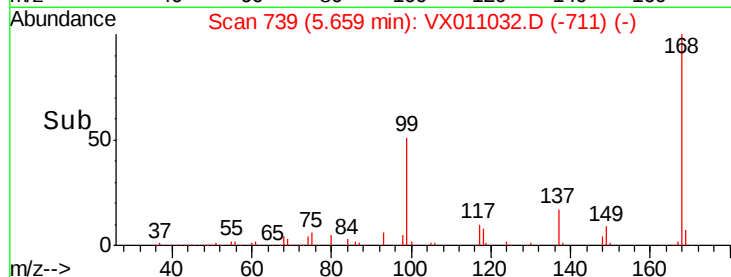
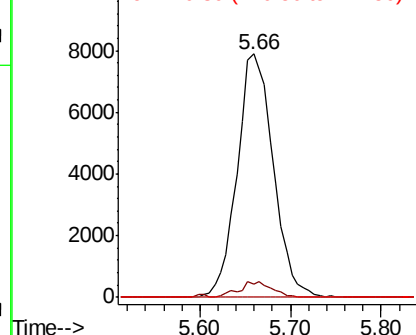
#38
Carbon Tetrachloride
Concen: 6.926 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Instrument :
MSVOA_X
ClientSampled :
FL-0618DL

Tot Ion:117 Resp: 21765
Ion Ratio Lower Upper
117 100
119 5.5 74.2 111.2#
121 0.0 24.2 36.2#

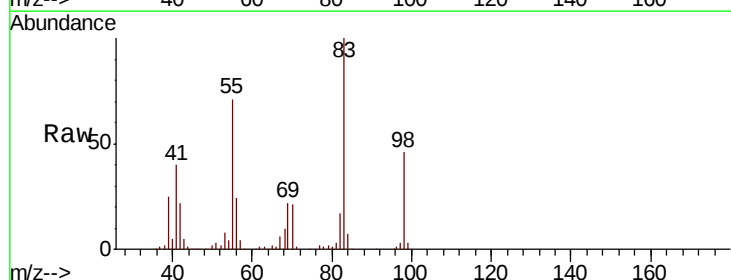


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

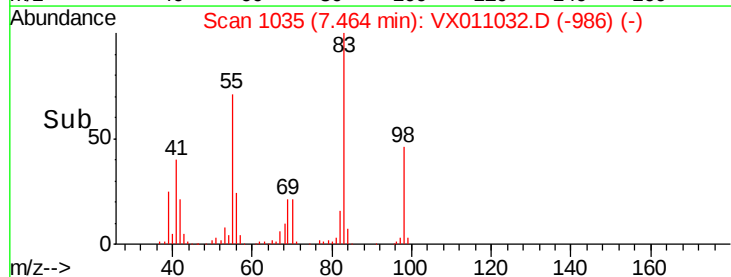
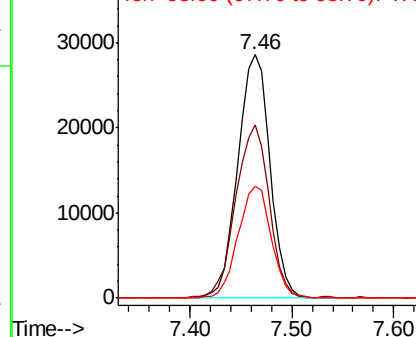


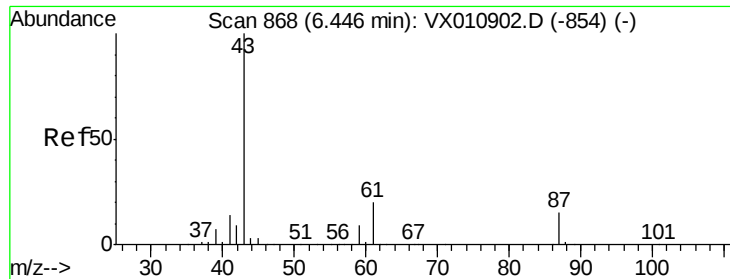
#39
Methylcyclohexane
Concen: 16.009 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Tgt Ion: 83 Resp: 62611
Ion Ratio Lower Upper
83 100
55 70.9 56.2 84.4
98 45.9 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





#43

Isopropyl Acetate

Concen: 0.218 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampled :

FL-0618DL

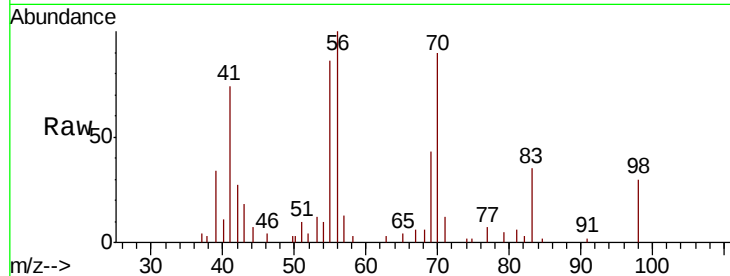
Tot Ion: 43 Resp: 1109

Ion Ratio Lower Upper

43 100

61 2.0 17.1 25.7#

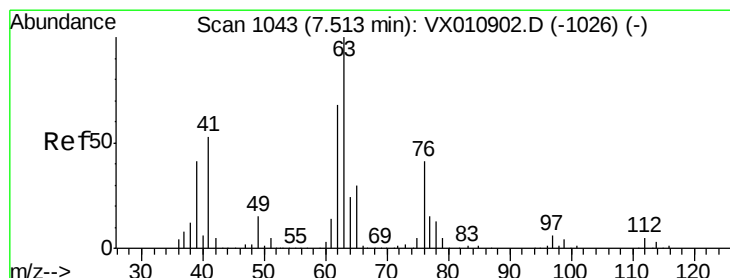
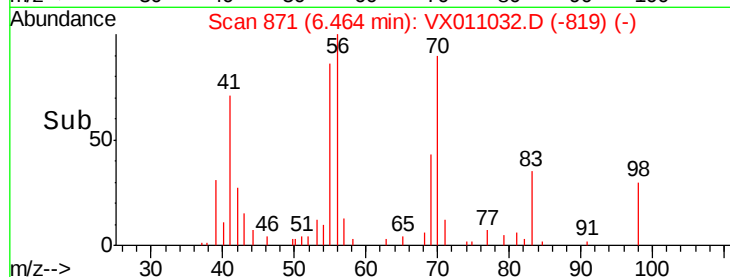
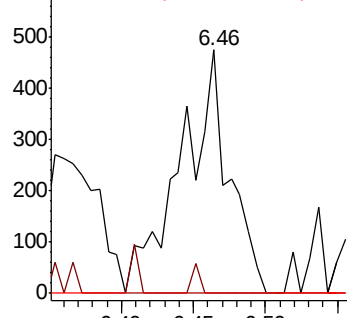
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 0.294 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX011032.D

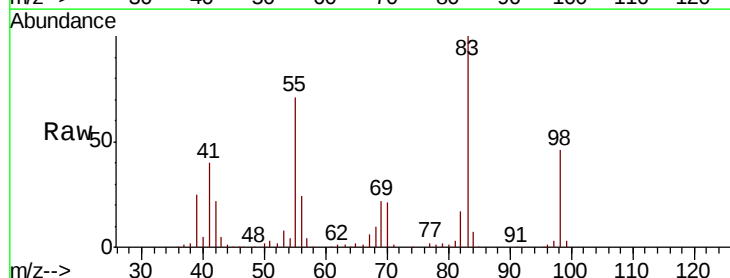
Acq: 22 Jul 2019 15:50

Tgt Ion: 63 Resp: 692

Ion Ratio Lower Upper

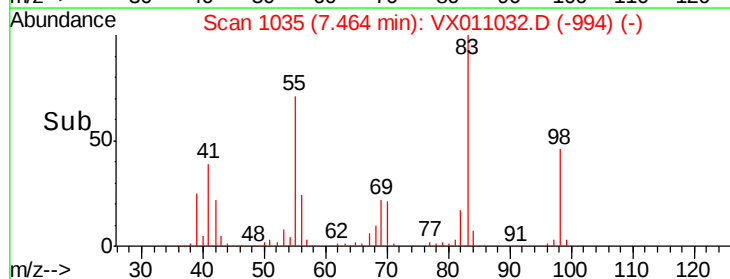
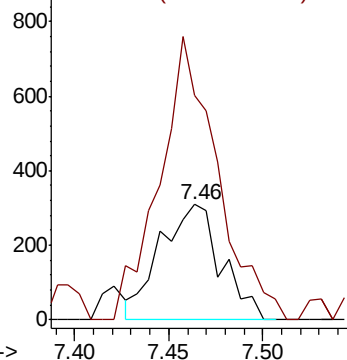
63 100

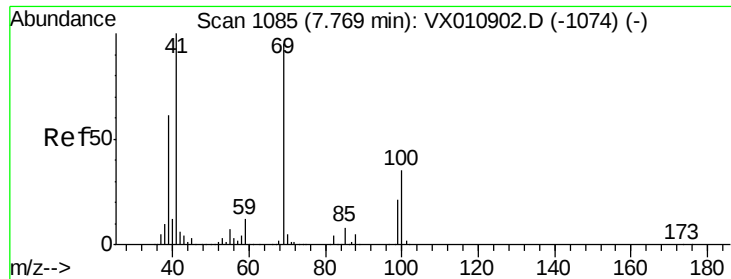
65 176.5 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

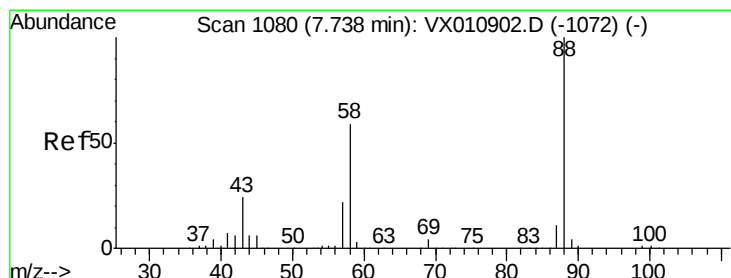
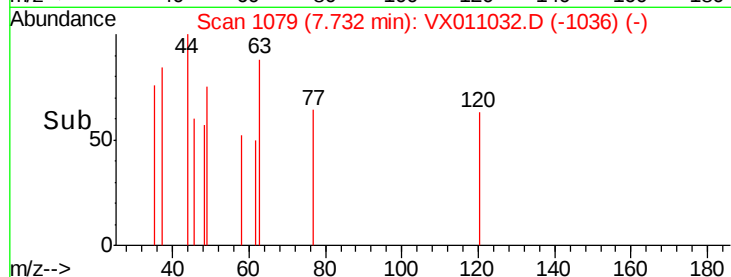
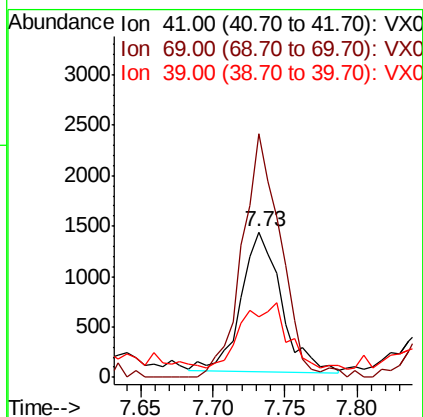
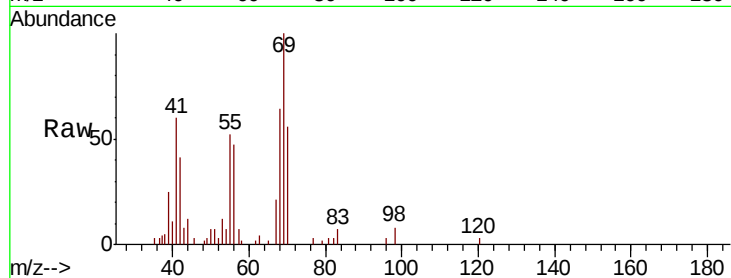




#48
Methvl methacrylate
Concen: 1.089 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

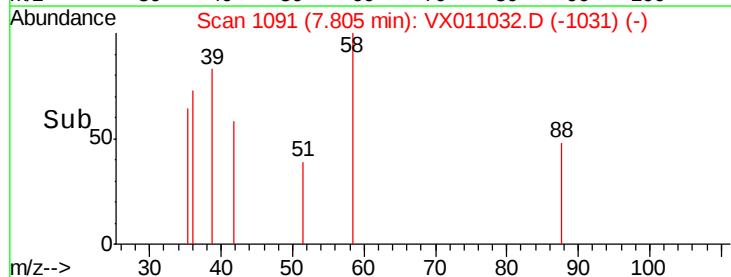
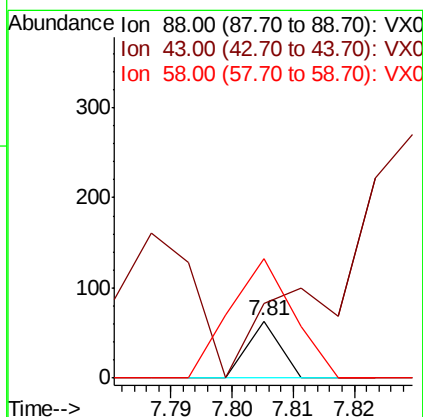
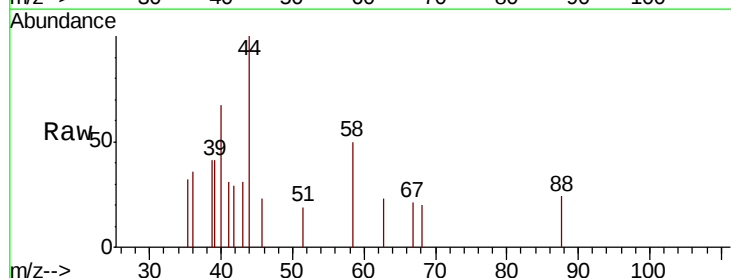
Instrument :
MSVOA_X
ClientSampled :
FL-0618DL

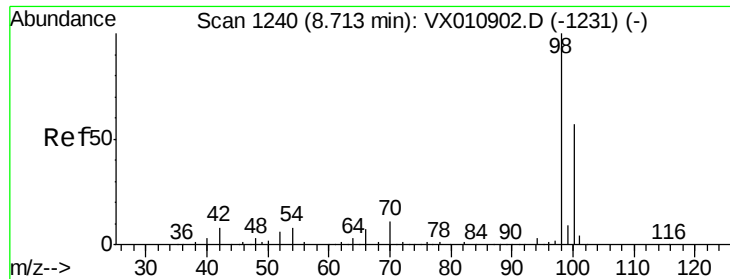
Tot Ion: 41 Resp: 2694
Ion Ratio Lower Upper
41 100
69 167.7 74.4 111.6#
39 53.3 48.9 73.3



#49
1,4-Dioxane
Concen: 0.332 ug/l
RT: 7.81 min Scan# 1091
Delta R.T. 0.07 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 734.8 22.9 34.3#
58 413.0 49.8 74.8#





#50

Toluene-d8

Concen: 50.289 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

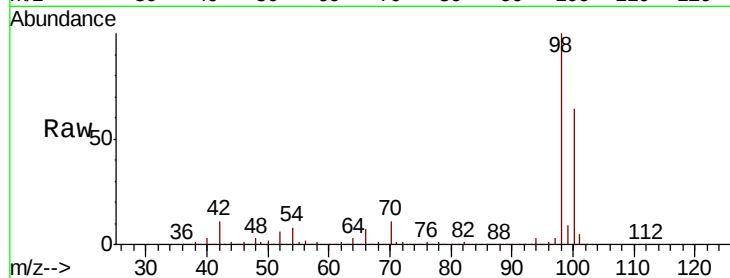
FL-0618DL

Tot Ion: 98 Resp: 439564

Ion Ratio Lower Upper

98 100

100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

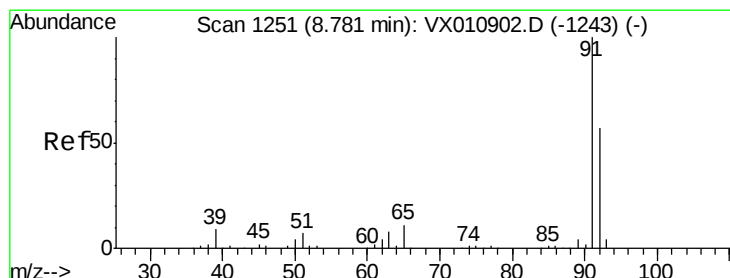
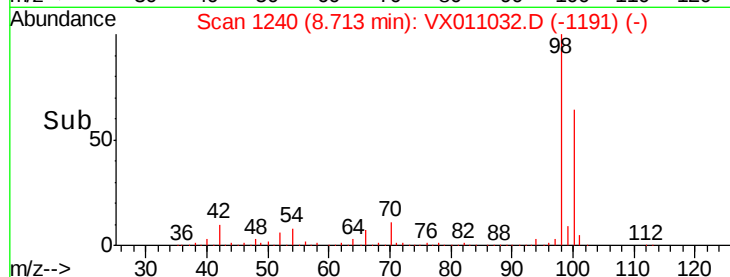
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 1.692 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011032.D

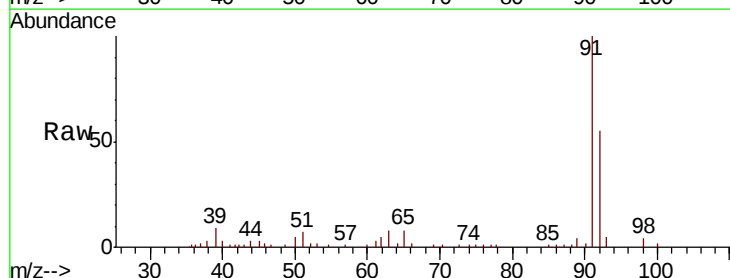
Acq: 22 Jul 2019 15:50

Tgt Ion: 92 Resp: 10270

Ion Ratio Lower Upper

92 100

91 180.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

12000

10000

8000

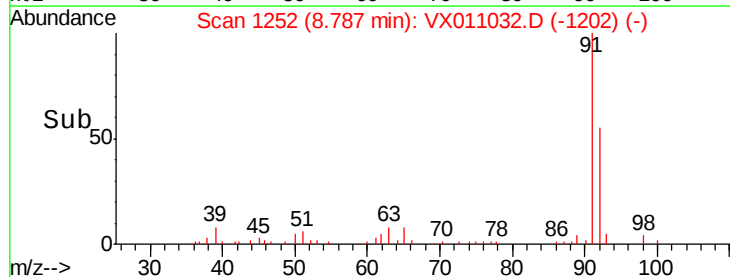
6000

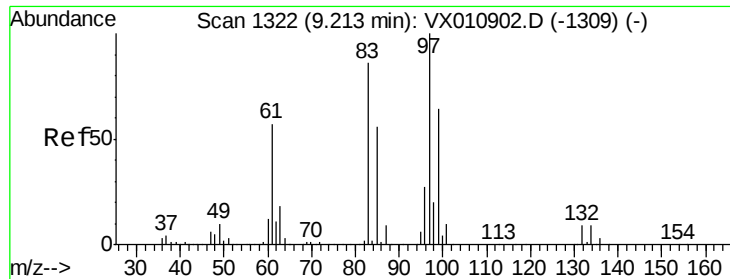
4000

2000

0

Time-->

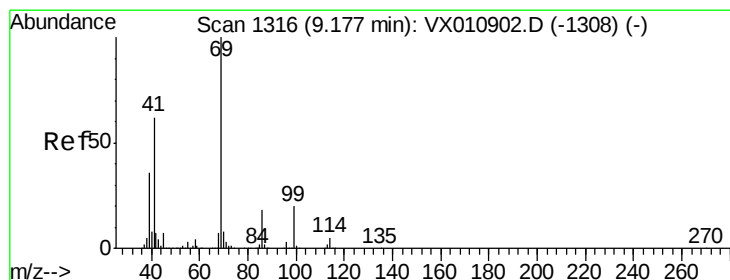
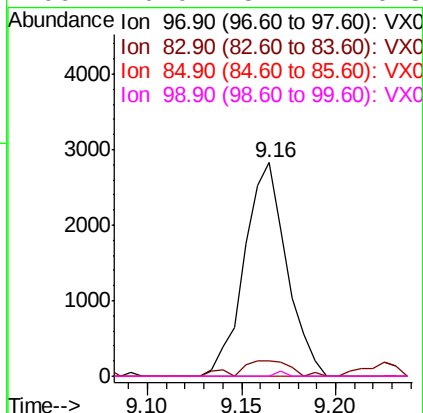
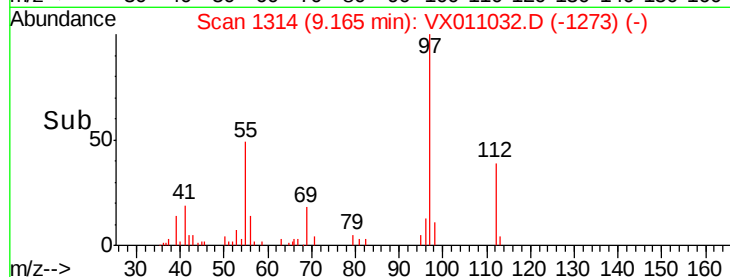
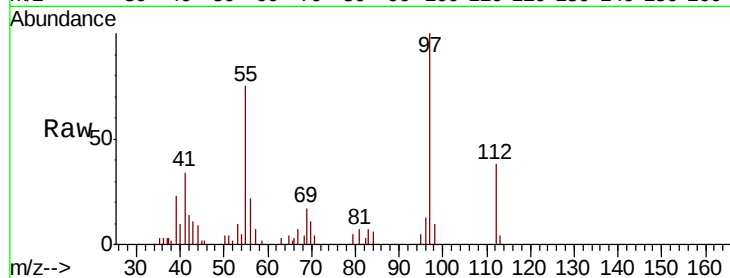




#55
 1,1,2-Trichloroethane
 Concen: 1.752 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

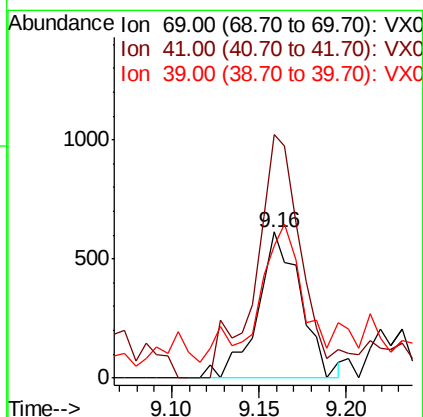
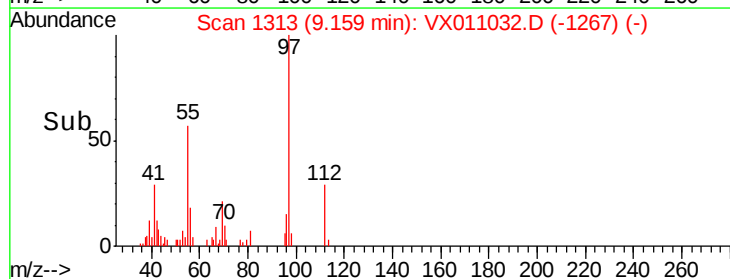
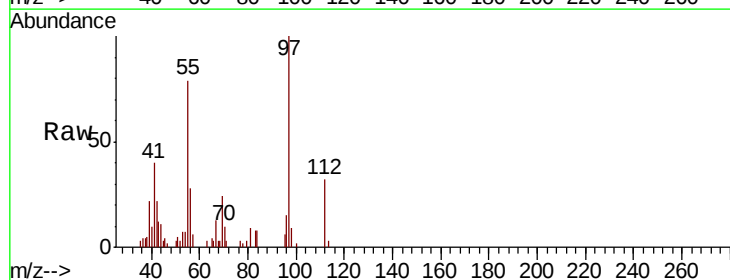
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0618DL

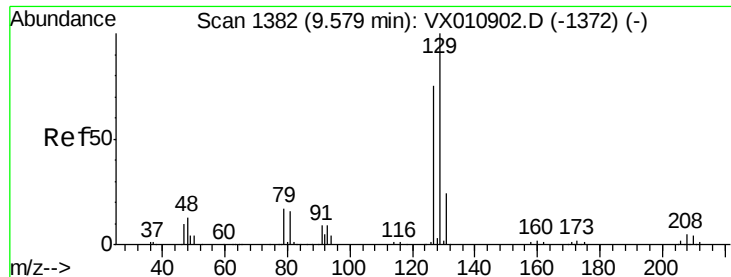
Tot Ion: 97 Resp: 4378
 Ion Ratio Lower Upper
 97 100
 83 7.0 69.2 103.8#
 85 0.0 44.6 66.8#
 99 0.0 51.2 76.8#



#56
 Ethyl methacrylate
 Concen: 0.288 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

Tgt Ion: 69 Resp: 1053
 Ion Ratio Lower Upper
 69 100
 41 179.2 49.7 74.5#
 39 68.6 29.6 44.4#





#60

Dibromochloromethane

Concen: 2.536 ug/l

RT: 9.82 min Scan# 1422

Delta R.T. 0.24 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampled :

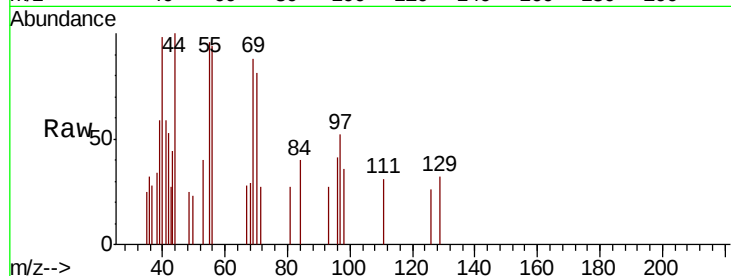
FL-0618DL

Tot Ion:129 Resp: 26

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#

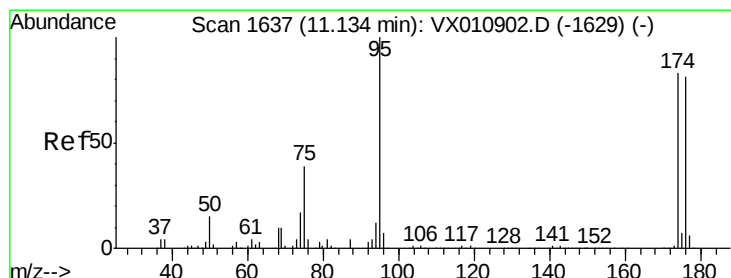
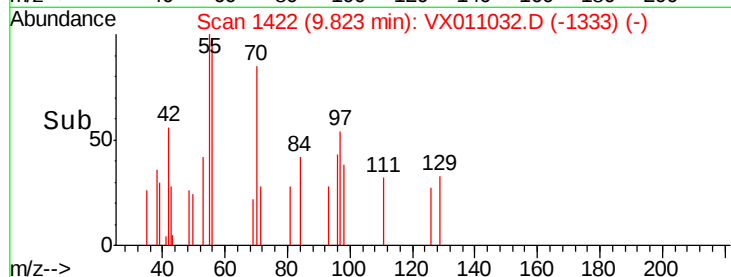


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.82

Time-->



#62

4-Bromofluorobenzene

Concen: 51.535 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

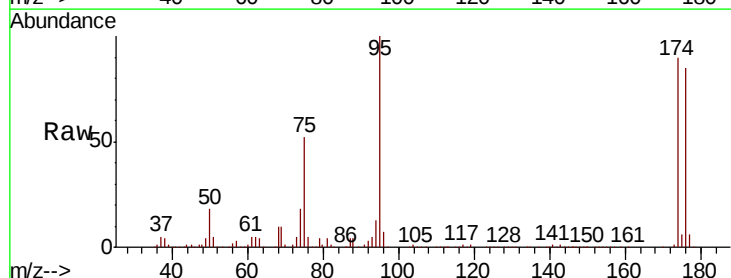
Tgt Ion: 95 Resp: 165574

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.6

176 87.4 0.0 173.8



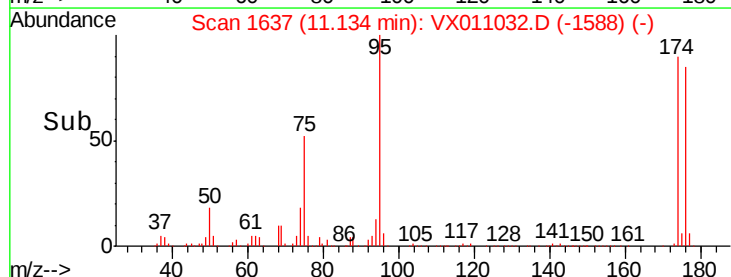
Abundance Ion 94.90 (94.60 to 95.60): VX0

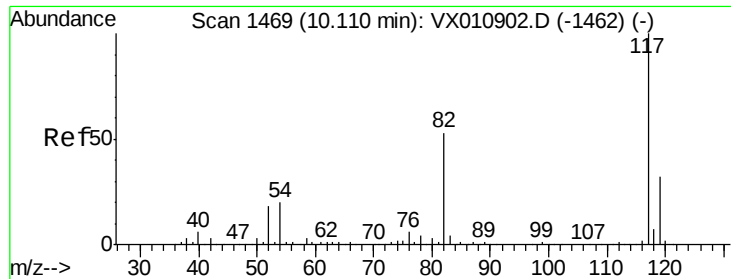
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->

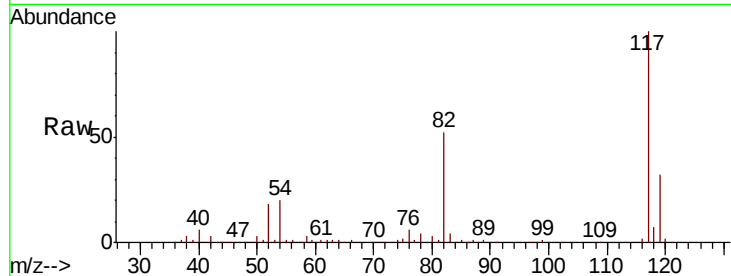




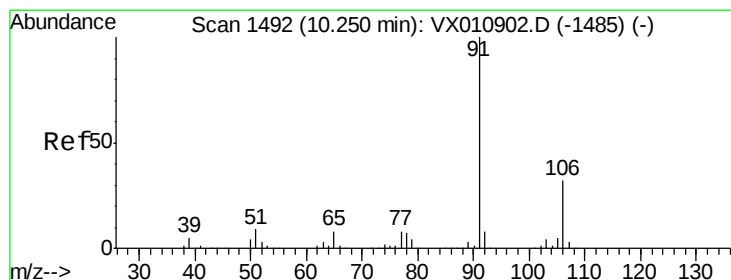
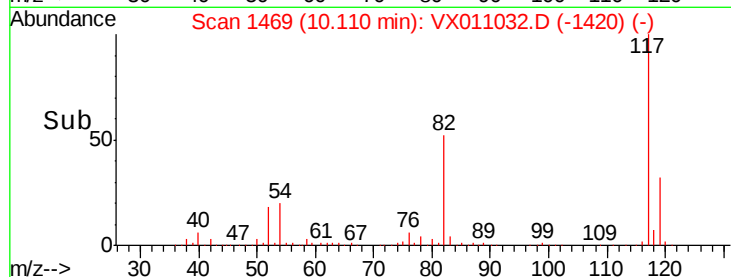
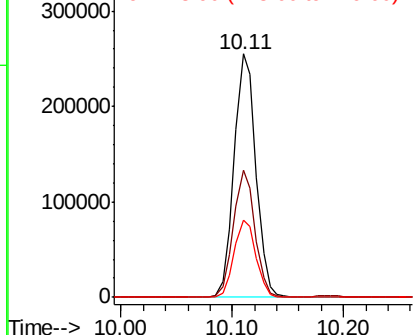
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Instrument :
MSVOA_X
ClientSampleId :
FL-0618DL

Tot Ion:117 Resp: 345583
Ion Ratio Lower Upper
117 100
82 52.3 42.6 63.8
119 31.8 25.9 38.9

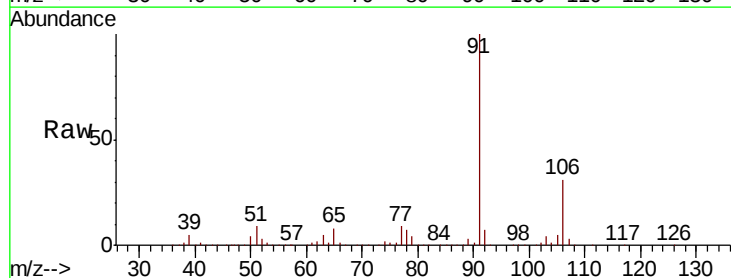


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

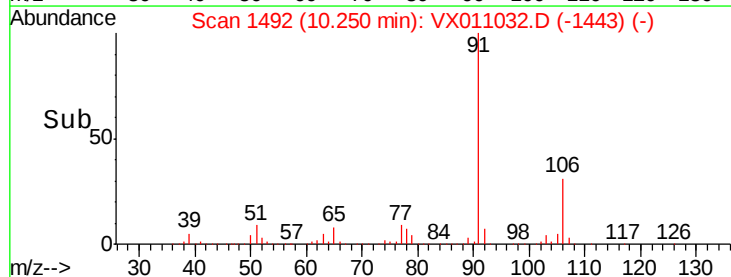
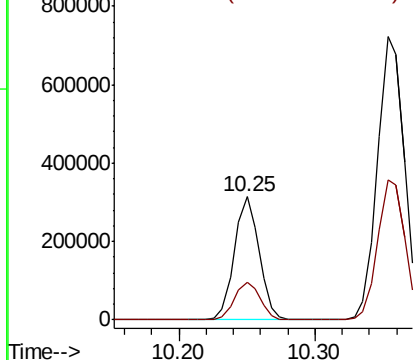


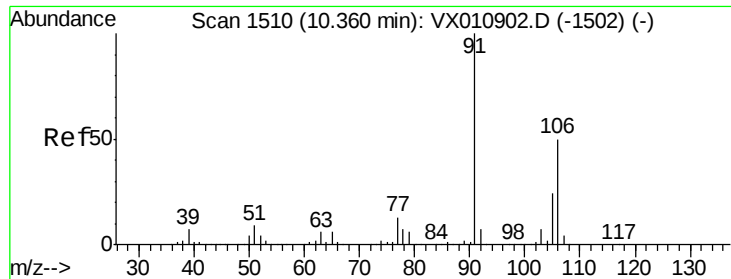
#67
Ethyl Benzene
Concen: 32.876 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Tgt Ion: 91 Resp: 397193
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2



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

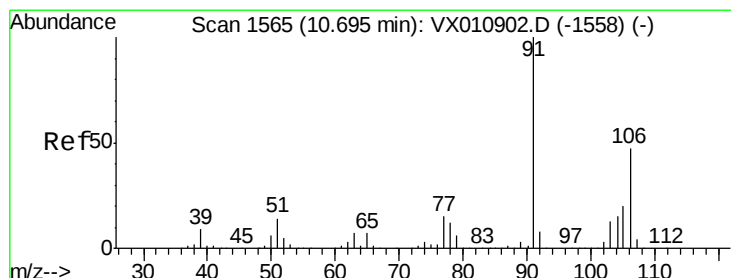
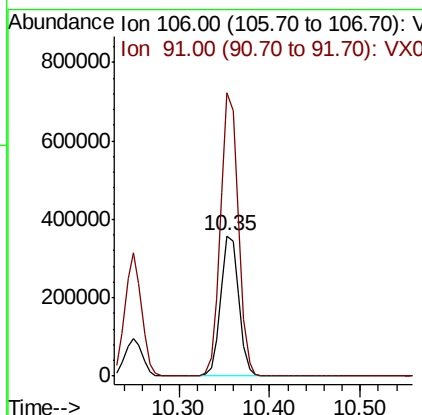
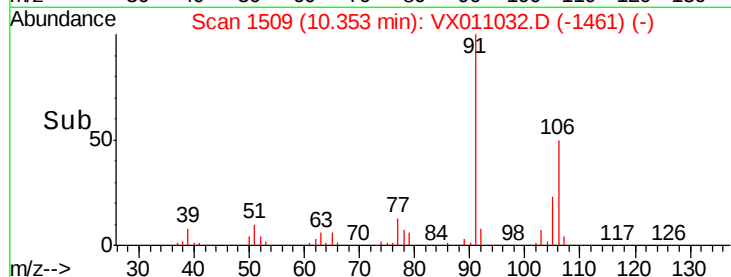
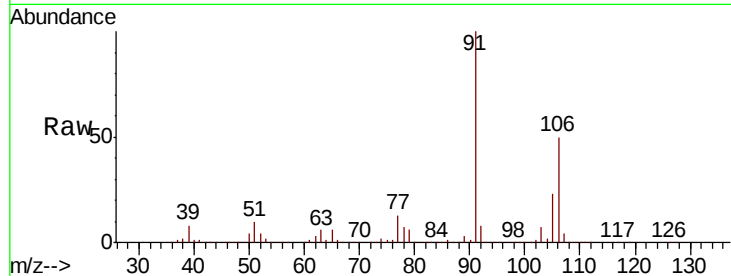




#68
m/p-Xylenes
Concen: 107.742 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

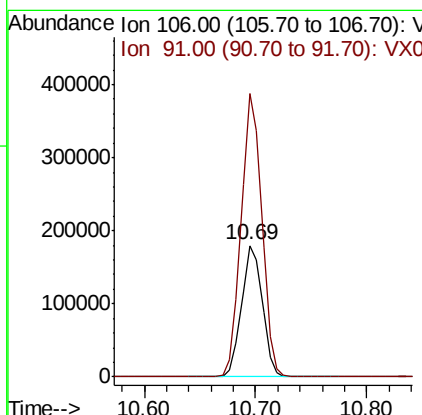
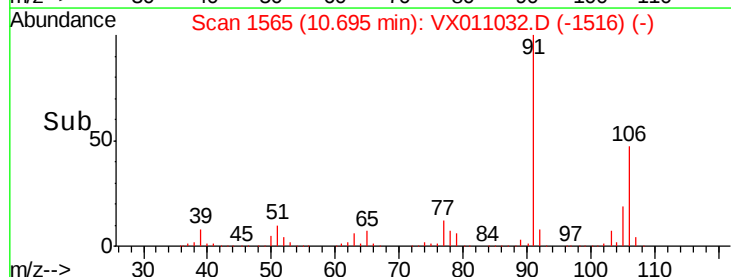
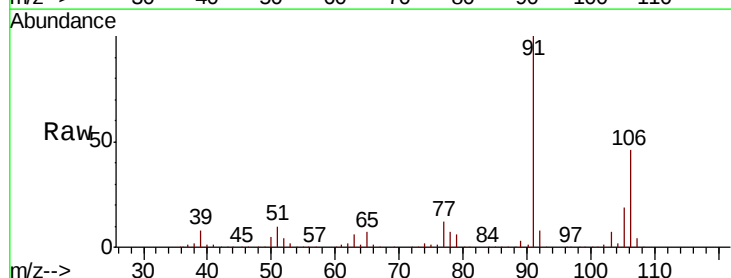
Instrument :
MSVOA_X
ClientSampleId :
FL-0618DL

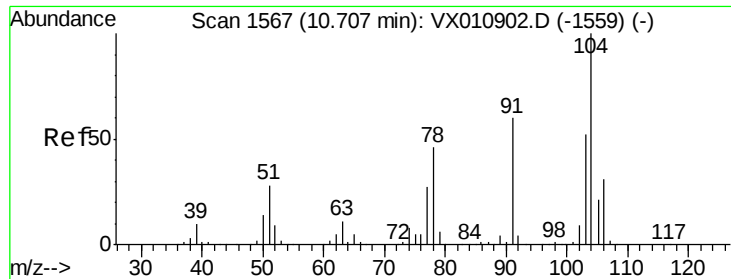
Tot Ion:106 Resp: 499321
Ion Ratio Lower Upper
106 100
91 198.4 160.1 240.1



#69
o-Xylene
Concen: 51.819 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Tgt Ion:106 Resp: 234375
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.3

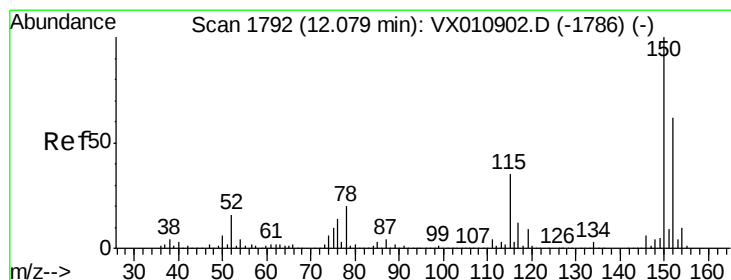
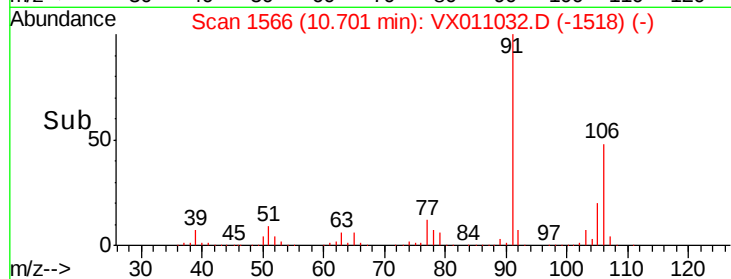
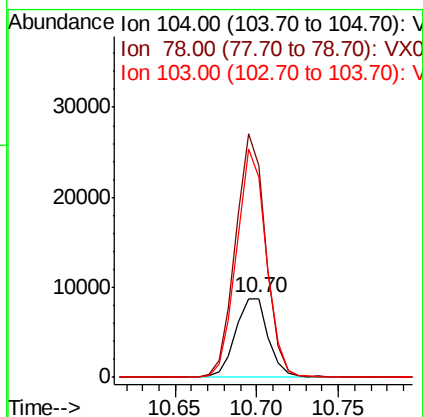
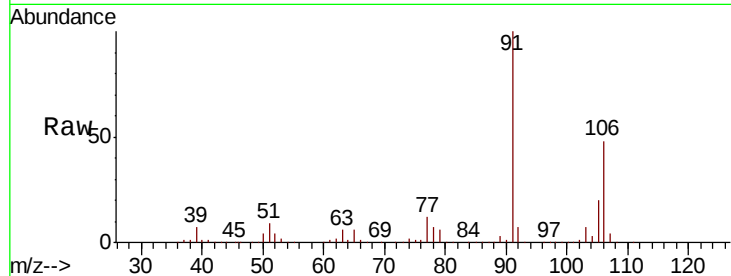




#70
Stvrene
Concen: 1.626 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

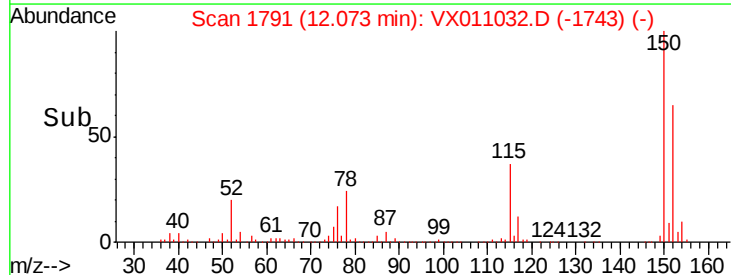
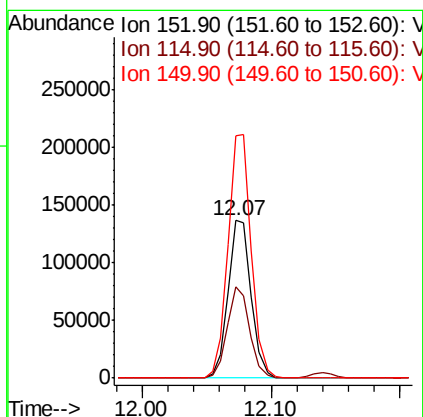
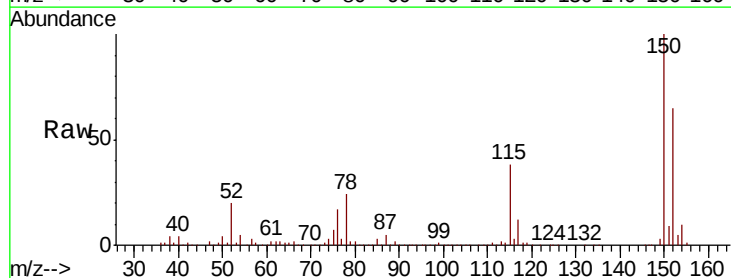
Instrument :
MSVOA_X
ClientSampleId :
FL-0618DL

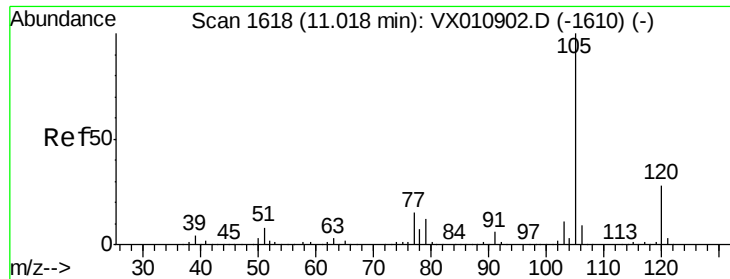
Tot Ion:104 Resp: 12262
Ion Ratio Lower Upper
104 100
78 284.3 38.8 58.2#
103 263.6 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Tgt Ion:152 Resp: 171868
Ion Ratio Lower Upper
152 100
115 55.9 39.7 119.1
150 155.7 0.0 345.6





#73

Isopropylbenzene

Concen: 4.902 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampled :

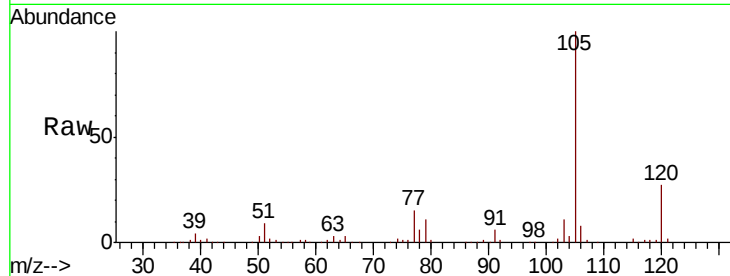
FL-0618DL

Tot Ion:105 Resp: 56931

Ion Ratio Lower Upper

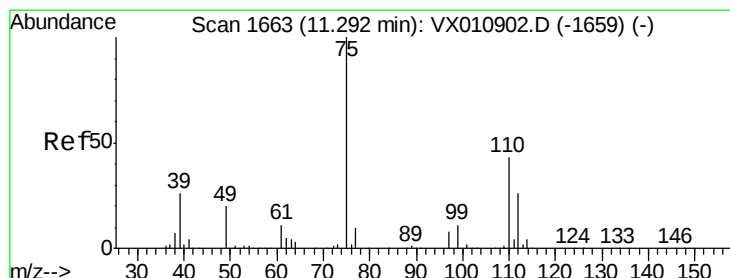
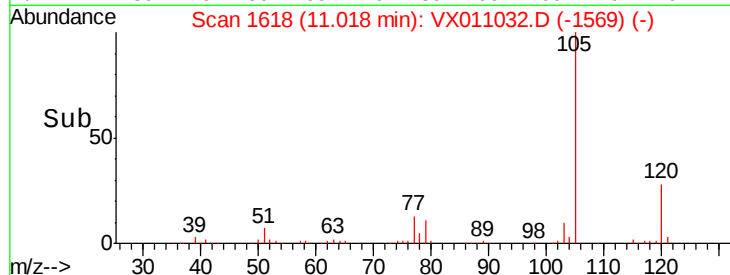
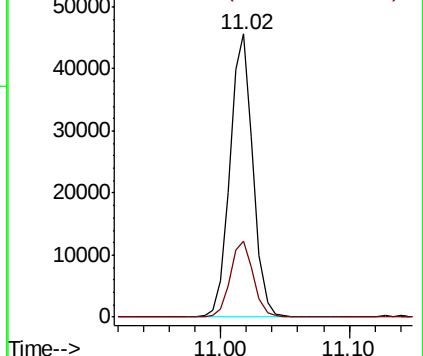
105 100

120 27.0 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: 0.891 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX011032.D

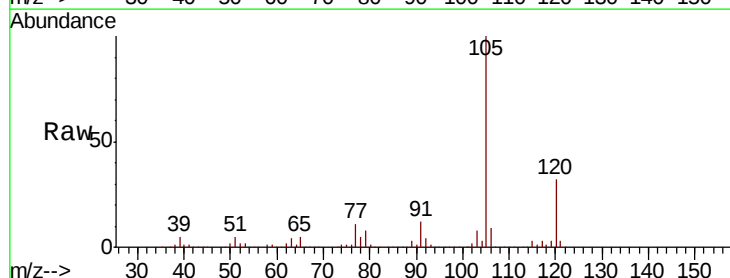
Acq: 22 Jul 2019 15:50

Tgt Ion: 75 Resp: 2764

Ion Ratio Lower Upper

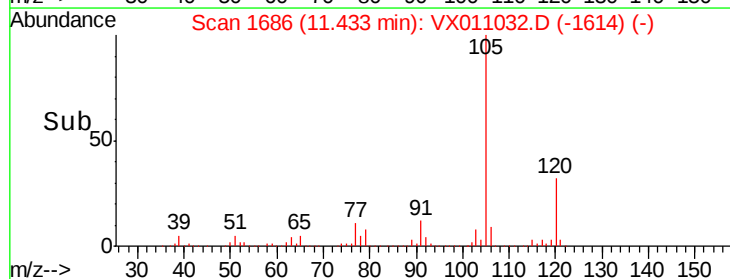
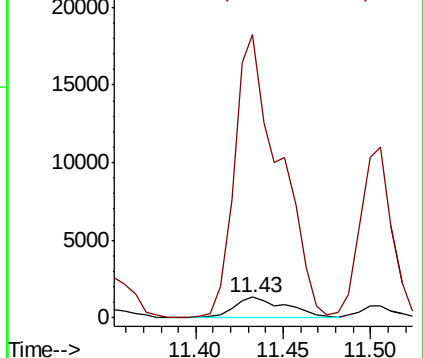
75 100

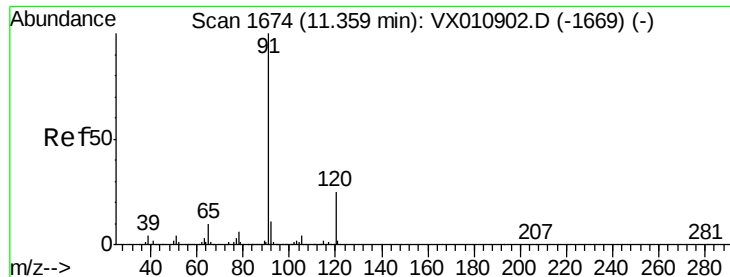
77 1178.9 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 6.375 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

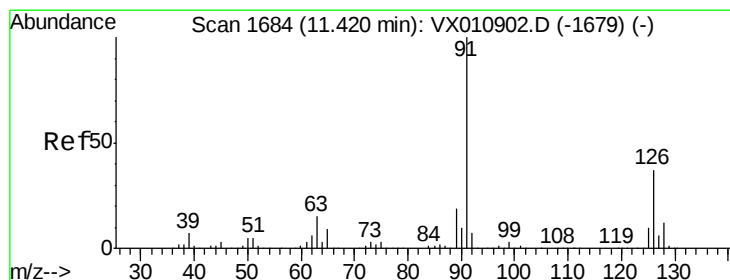
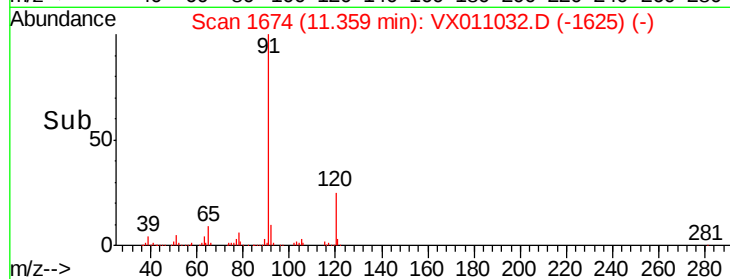
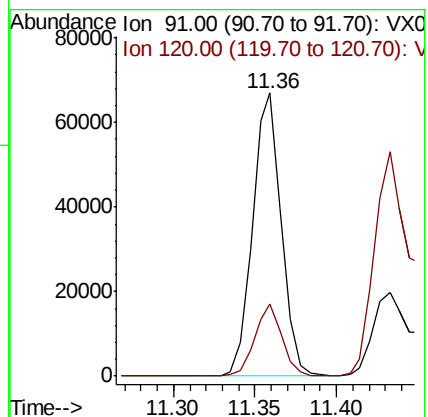
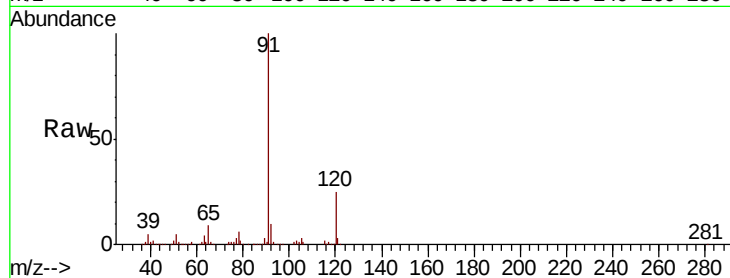
FL-0618DL

Tot Ion: 91 Resp: 81796

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8



#79

2-Chlorotoluene

Concen: 4.619 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011032.D

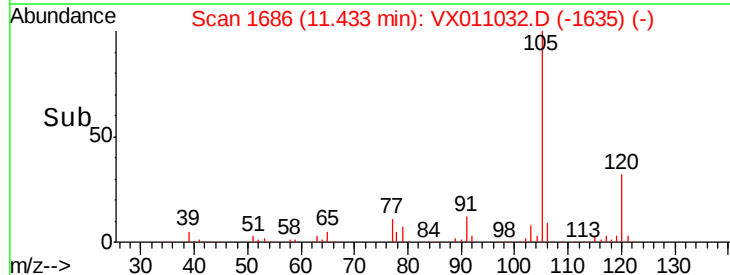
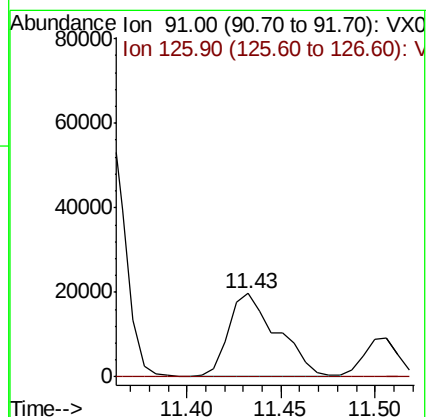
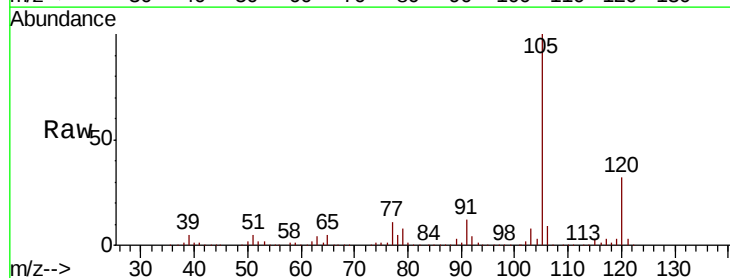
Acq: 22 Jul 2019 15:50

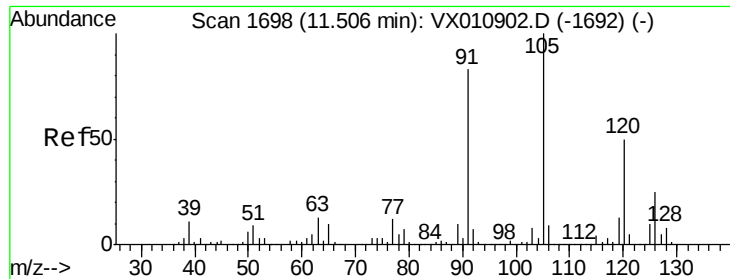
Tgt Ion: 91 Resp: 35606

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#





#80

1,3,5-Trimethylbenzene

Concen: 10.953 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

Instrument :

MSVOA_X

ClientSampleId :

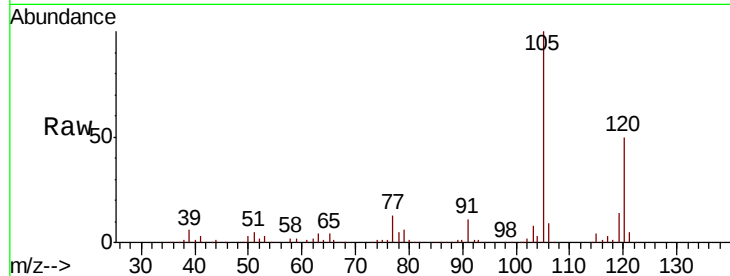
FL-0618DL

Tot Ion:105 Resp: 106284

Ion Ratio Lower Upper

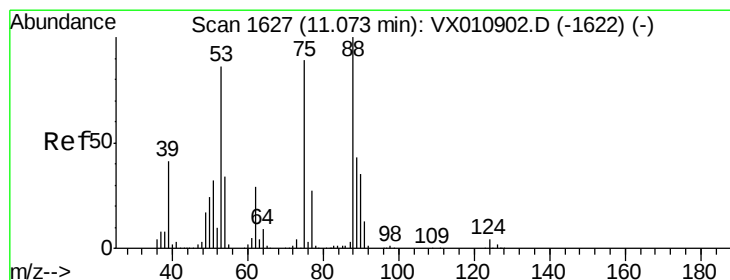
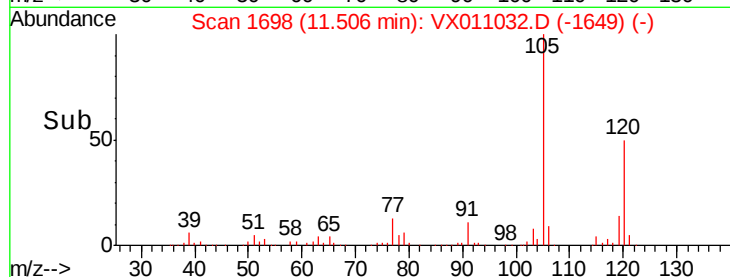
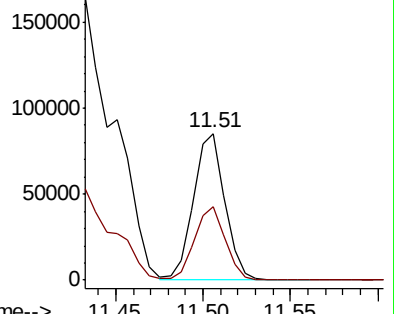
105 100

120 49.4 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: 66.730 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011032.D

Acq: 22 Jul 2019 15:50

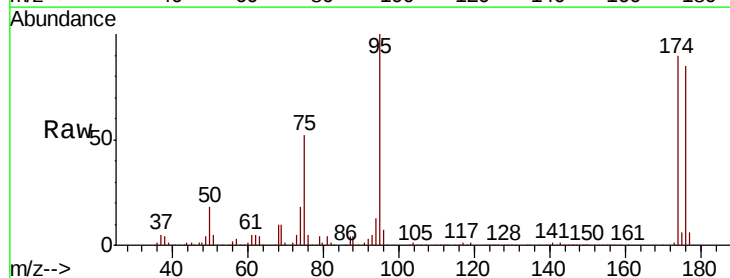
Tgt Ion: 75 Resp: 83458

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

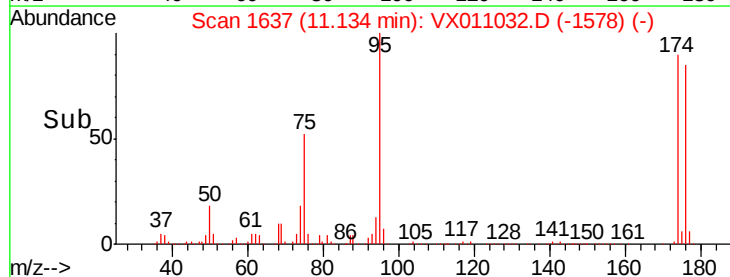
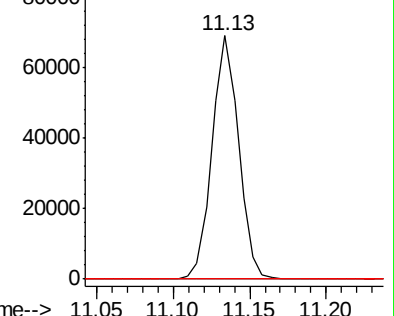
89 0.0 38.5 57.7#

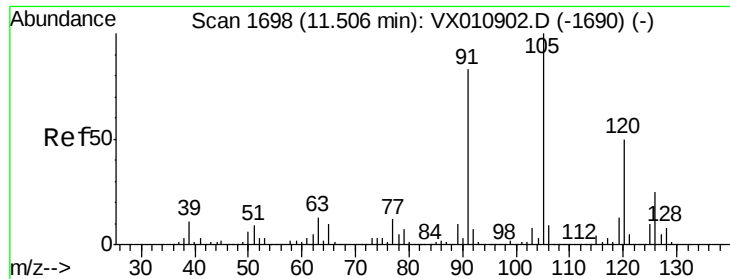


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

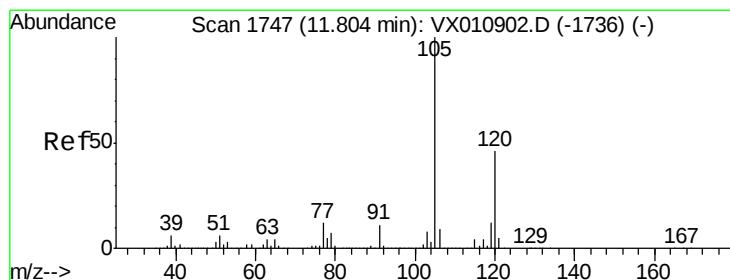
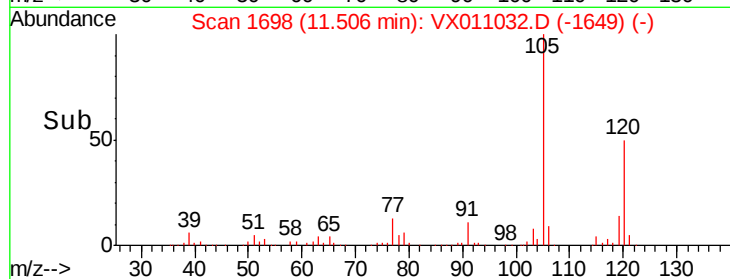
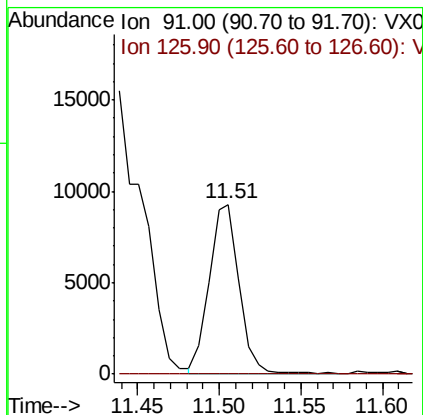
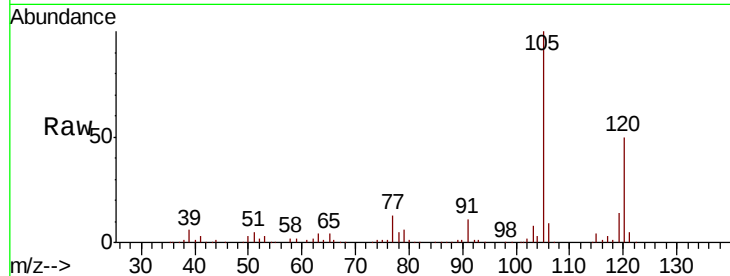




#82
4-Chlorotoluene
Concen: 1.306 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

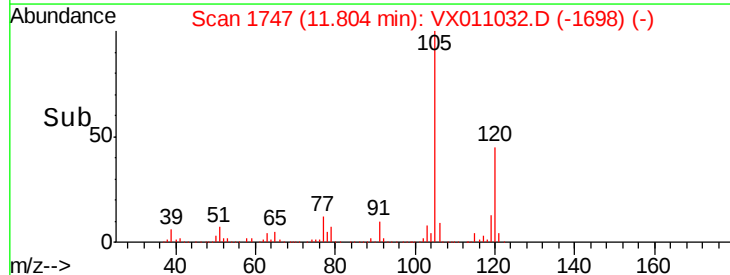
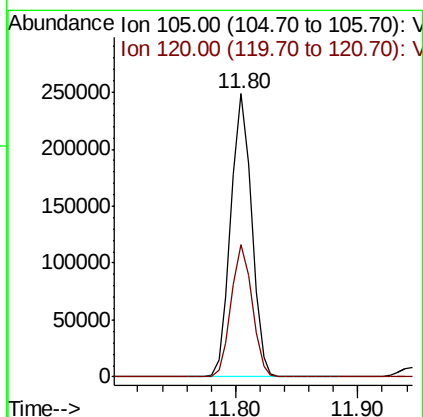
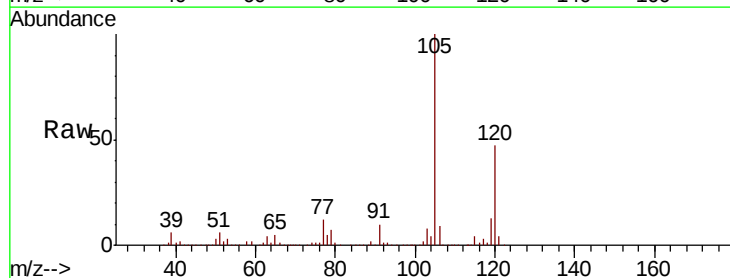
Instrument :
MSVOA_X
ClientSampleId :
FL-0618DL

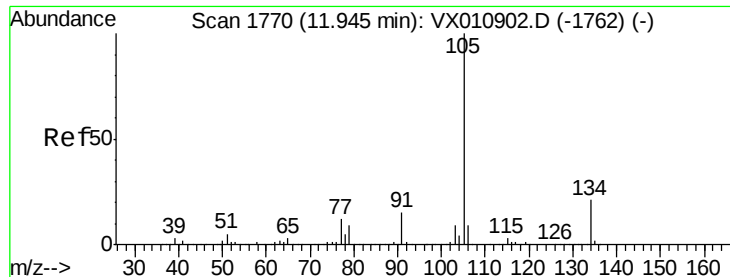
Tot Ion: 91 Resp: 11721
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.7#



#84
1,2,4-Trimethylbenzene
Concen: 29.809 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Tgt Ion: 105 Resp: 291553
Ion Ratio Lower Upper
105 100
120 47.0 22.9 68.5

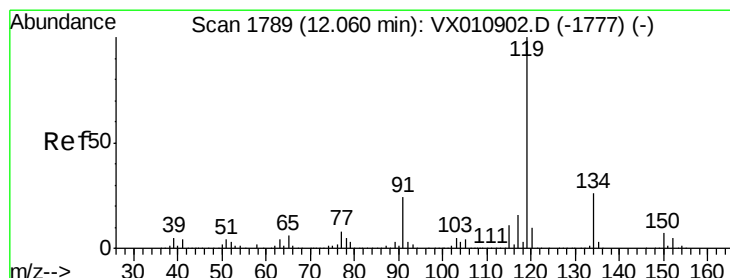
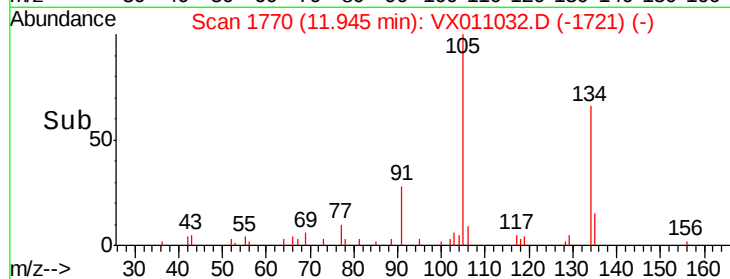
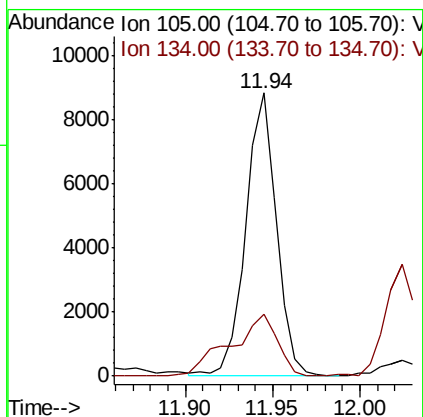
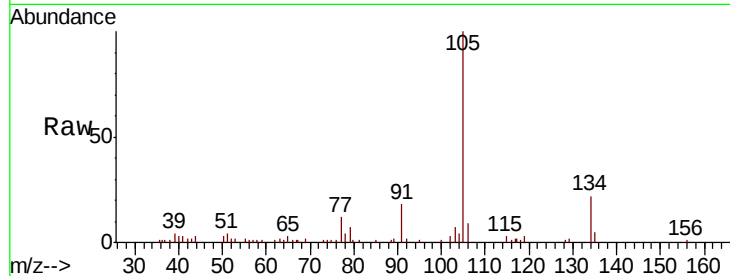




#85
 sec-Butylbenzene
 Concen: 0.973 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

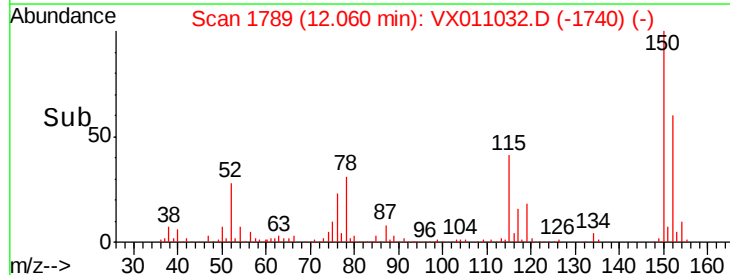
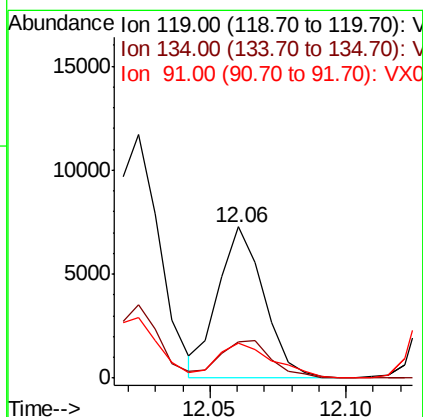
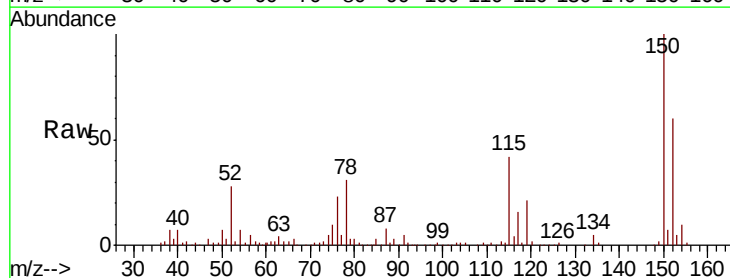
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0618DL

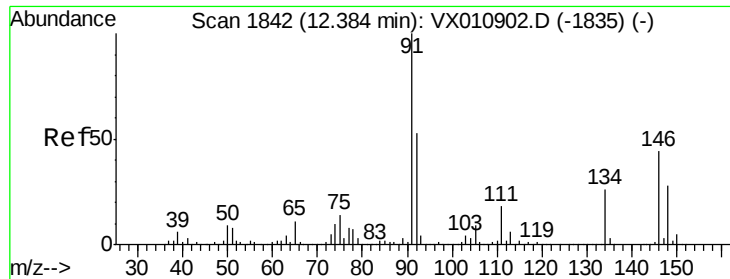
Tot Ion:105 Resp: 10862
 Ion Ratio Lower Upper
 105 100
 134 33.6 10.4 31.4#



#86
 p-Isopropyltoluene
 Concen: 0.826 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

Tgt Ion:119 Resp: 8528
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.1
 91 27.8 11.8 35.4

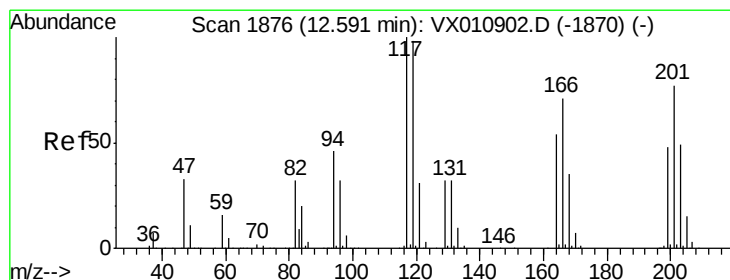
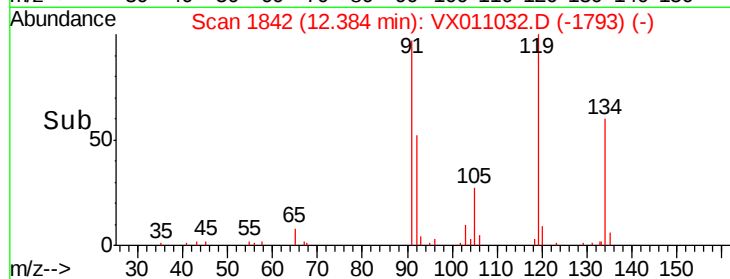
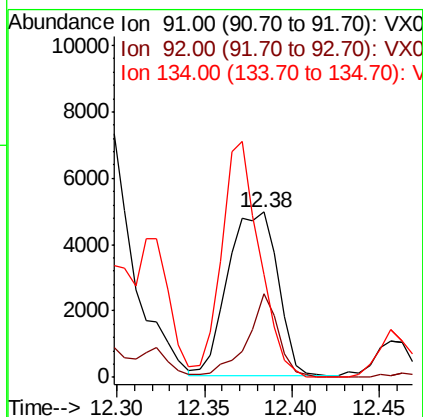
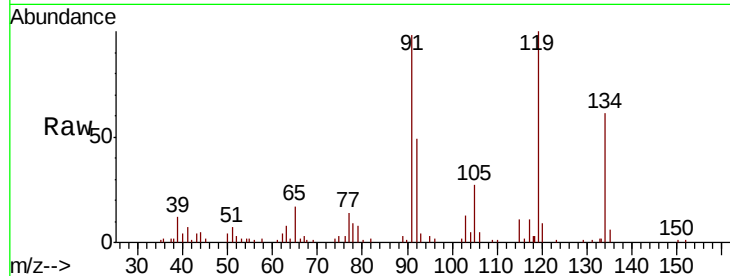




#89
n-Butylbenzene
Concen: 1.107 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

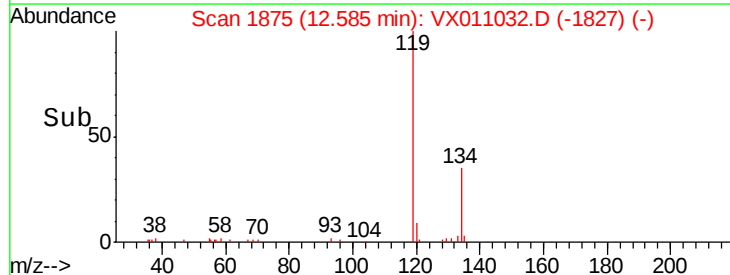
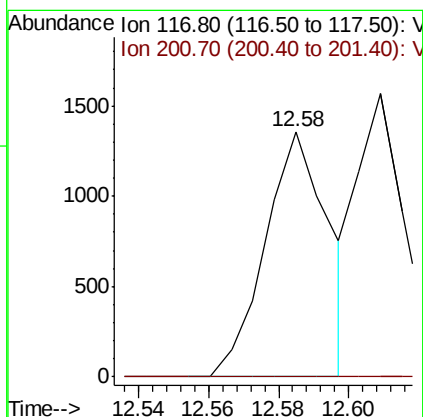
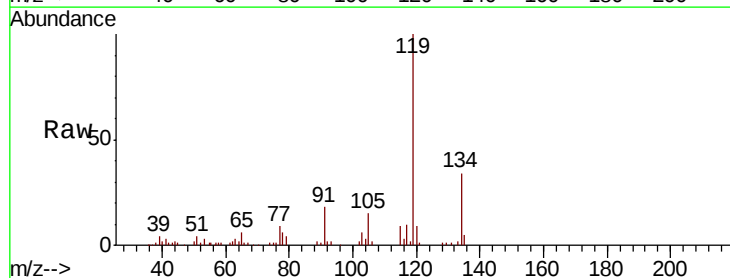
Instrument :
MSVOA_X
ClientSampleID :
FL-0618DL

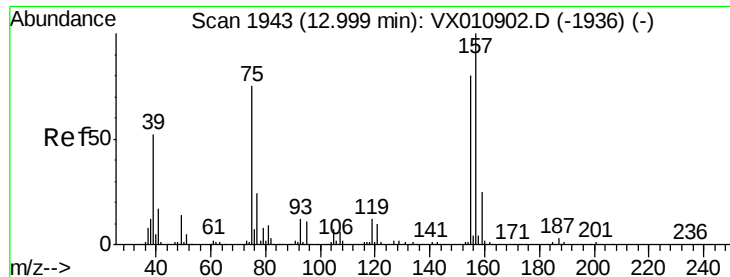
Tot Ion: 91 Resp: 9780
Ion Ratio Lower Upper
91 100
92 32.3 26.2 78.5
134 109.8 13.8 41.3#



#90
Hexachloroethane
Concen: 1.047 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011032.D
Acq: 22 Jul 2019 15:50

Tgt Ion: 117 Resp: 1705
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#

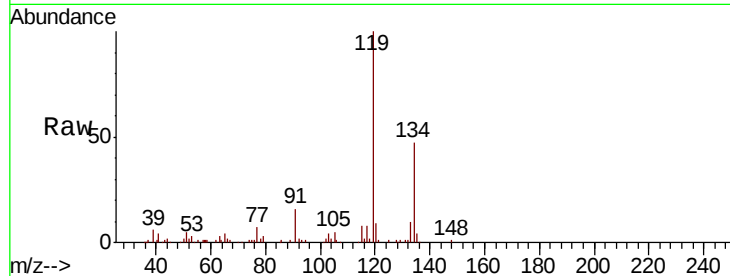




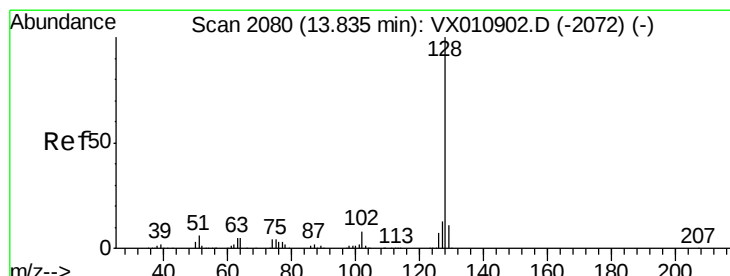
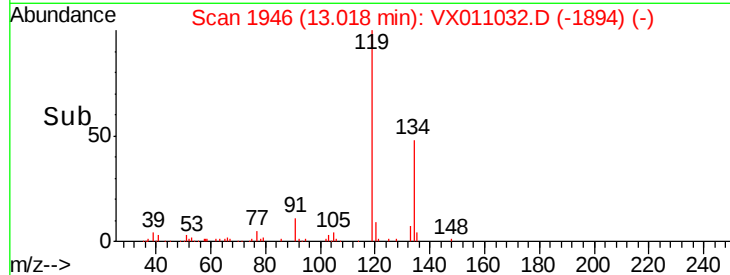
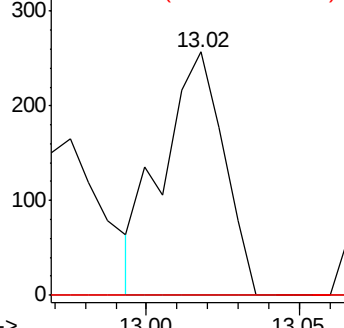
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.448 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0618DL

Tot Ion: 75 Resp: 356
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 0.0 62.5 187.6#

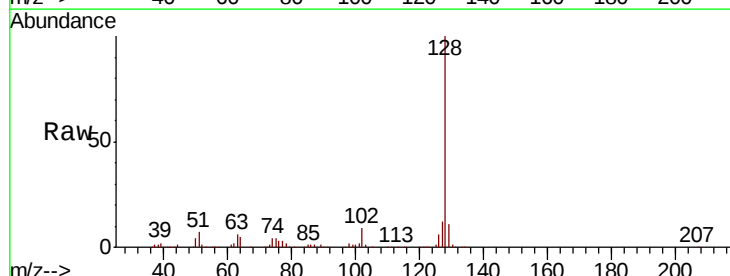


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



#95
 Naphthalene
 Concen: 7.996 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX011032.D
 Acq: 22 Jul 2019 15:50

Tgt Ion: 128 Resp: 88164
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 11.4 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

