

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072219\
 Data File : VX011031.D
 Acq On : 22 Jul 2019 15:26
 Operator : JC/SP
 Sample : K3884-21DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0622DL

Quant Time: Jul 23 03:44:18 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	5.66	168	230994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	338048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167673	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	124148	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
35) Dibromofluoromethane	5.50	113	112683	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	438795	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.13	95	163084	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.22	85	92	0.583	ug/l #	43
3) Chloromethane	1.33	50	463	0.218	ug/l #	43
5) Bromomethane	1.65	94	308	0.252	ug/l #	74
6) Chloroethane	1.73	64	331	0.240	ug/l #	41
11) Tert butyl alcohol	3.03	59	4004	6.996	ug/l #	73
13) Acrolein	2.29	56	238	0.720	ug/l #	15
16) Acetone	2.44	43	1204	1.085	ug/l	92
18) Methyl Acetate	2.78	43	508	0.201	ug/l #	60
20) Methylene Chloride	2.85	84	575	0.244	ug/l #	79
25) 2-Butanone	4.70	43	1077	0.676	ug/l #	46
31) Cyclohexane	5.59	56	26002	7.793	ug/l	99
36) 1,1-Dichloropropene	5.67	75	15446	5.194	ug/l #	50
38) Carbon Tetrachloride	5.67	117	21185	6.837	ug/l #	17
39) Methylcyclohexane	7.46	83	55319	14.346	ug/l	95
45) 1,2-Dichloropropane	7.47	63	903	0.390	ug/l #	1
48) Methyl methacrylate	7.73	41	3148	1.291	ug/l #	70
52) Toluene	8.79	92	3328	0.556	ug/l	90
55) 1,1,2-Trichloroethane	9.16	97	3115	1.264	ug/l #	18
67) Ethyl Benzene	10.25	91	494587	41.850	ug/l	100
68) m/p-Xylenes	10.36	106	440580	97.186	ug/l	99
69) o-Xylene	10.69	106	324959	73.448	ug/l	99
70) Styrene	10.69	104	16127	2.187	ug/l #	1
73) Isopropylbenzene	11.02	105	61366	5.416	ug/l	99
76) 1,2,3-Trichloropropane	11.43	75	3341	1.104	ug/l #	1
78) n-propylbenzene	11.36	91	78559	6.276	ug/l	99
79) 2-Chlorotoluene	11.43	91	43362	5.766	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	101939	10.768	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	81958	67.143	ug/l #	11
82) 4-Chlorotoluene	11.51	91	10973	1.254	ug/l #	43
83) tert-Butylbenzene	11.80	119	44839	4.822	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.80	105	349737	36.653	ug/l	99
85) sec-Butylbenzene	11.80	105	349737	32.098	ug/l #	55
86) p-Isopropyltoluene	12.06	119	9780	0.971	ug/l	92
89) n-Butylbenzene	12.38	91	7514	0.872	ug/l #	27

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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

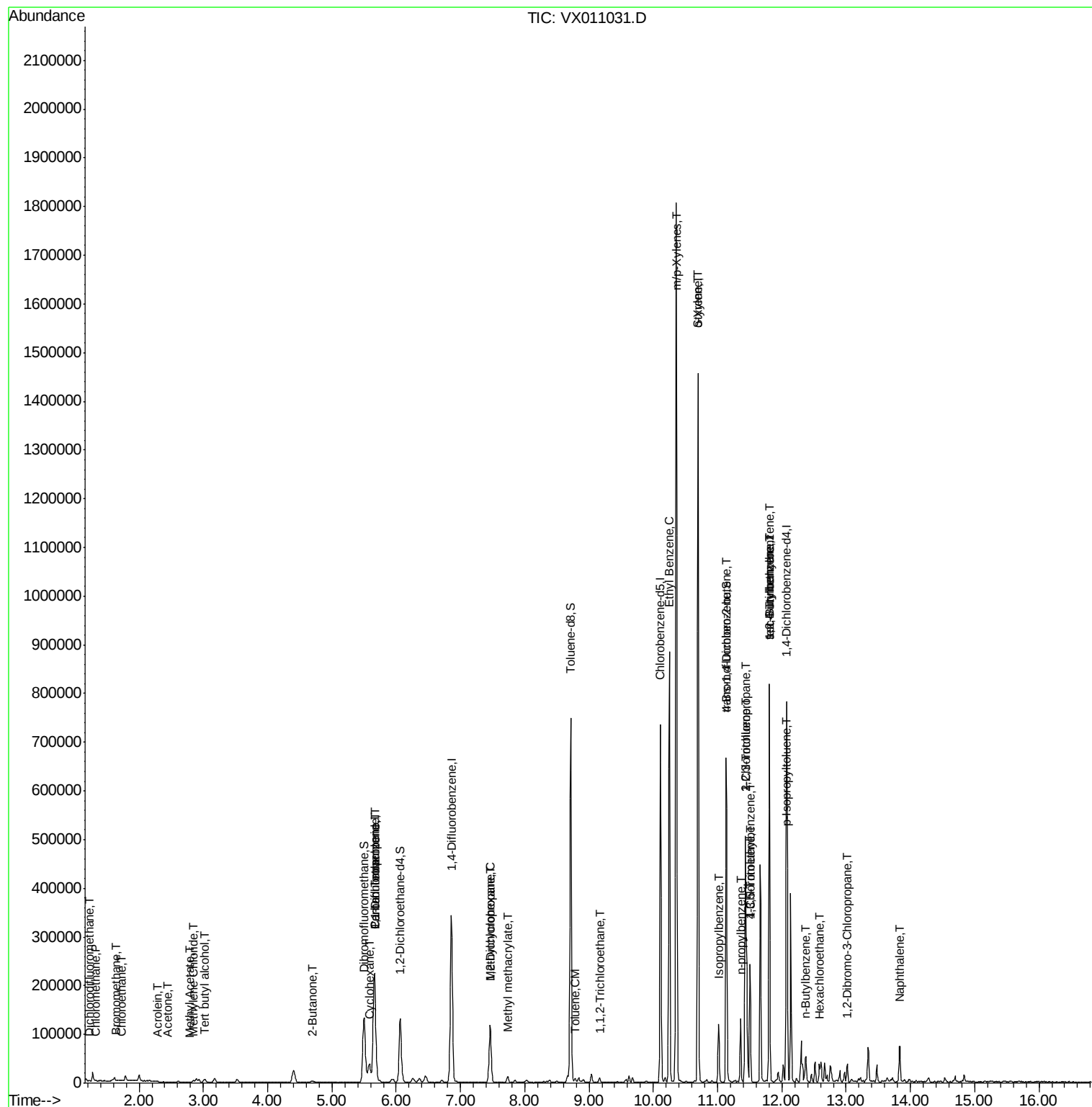
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	1537	0.967	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	171	0.221	ug/l #	1
95) Naphthalene	13.83	128	48650	4.523	ug/l	99

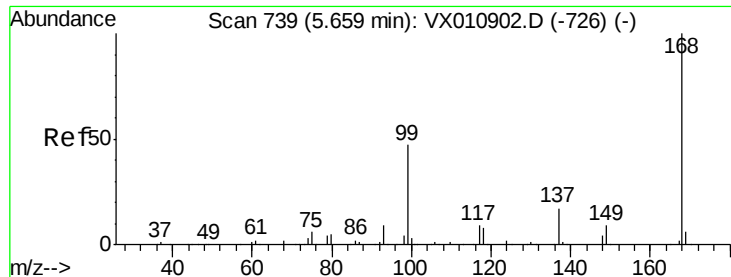
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

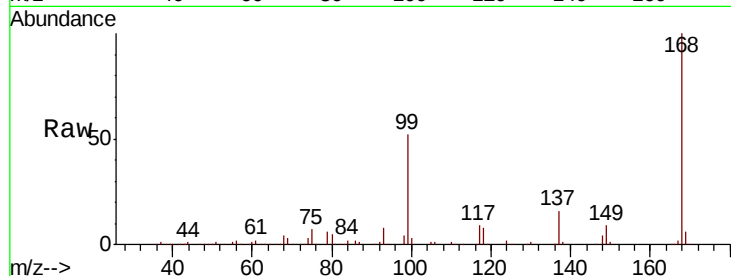
FL-0622DL

Tot Ion:168 Resp: 230994

Ion Ratio Lower Upper

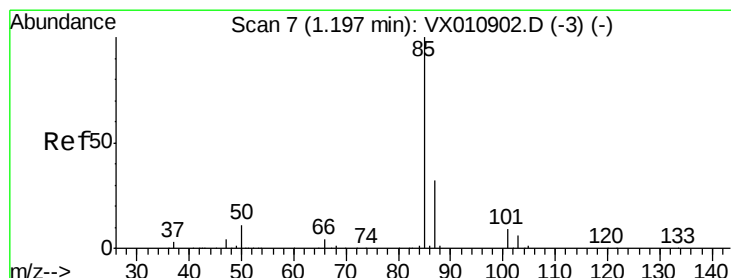
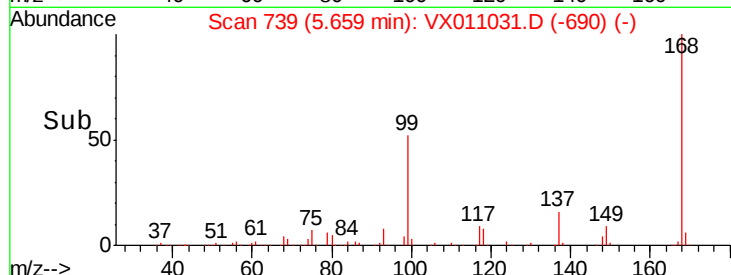
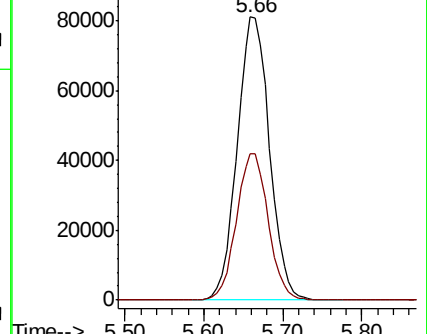
168 100

99 51.5 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: 0.583 ug/l

RT: 1.22 min Scan# 11

Delta R.T. 0.02 min

Lab File: VX011031.D

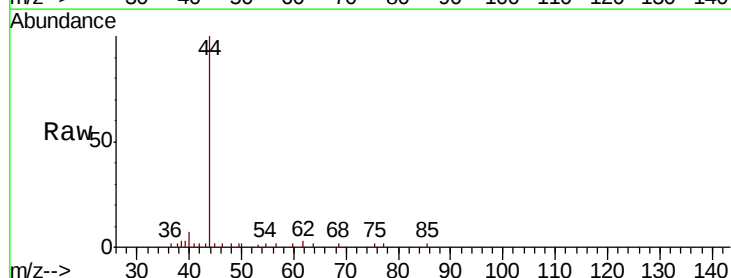
Acq: 22 Jul 2019 15:26

Tgt Ion: 85 Resp: 92

Ion Ratio Lower Upper

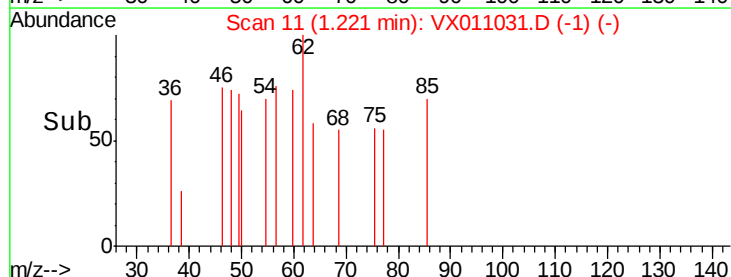
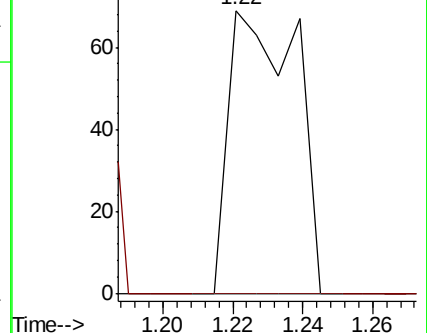
85 100

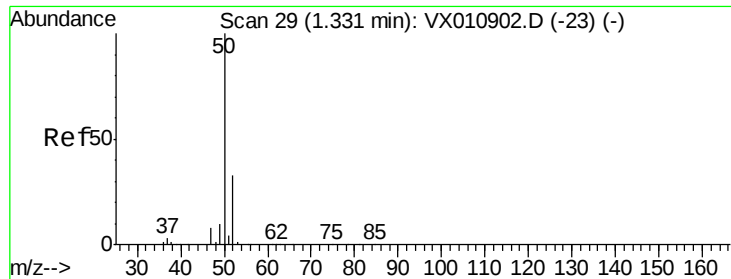
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.218 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleID :

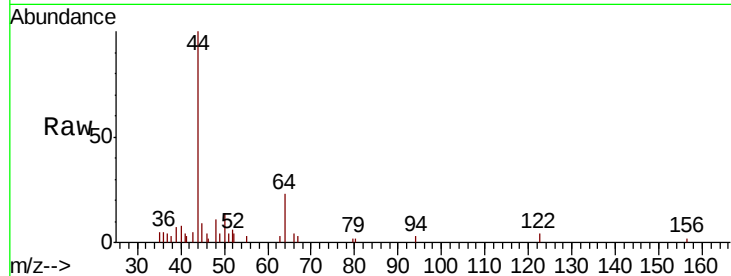
FL-0622DL

Tot Ion: 50 Resp: 463

Ion Ratio Lower Upper

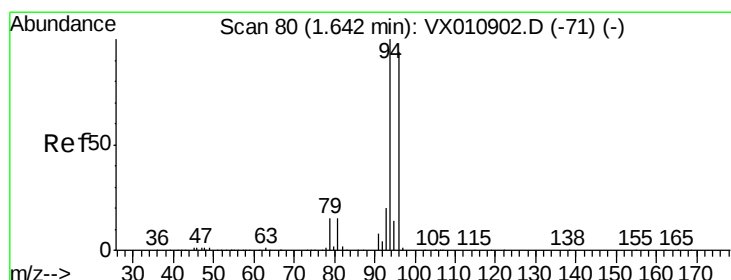
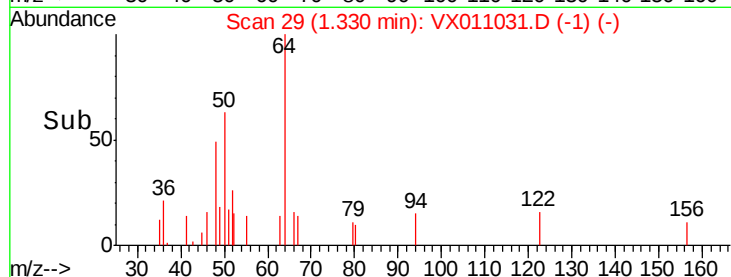
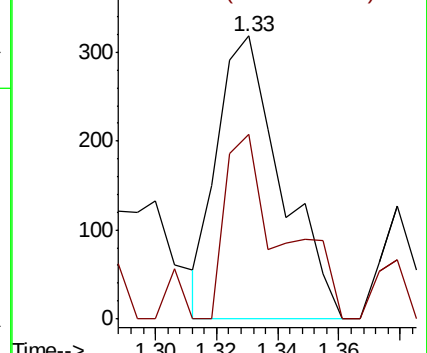
50 100

52 65.4 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.252 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX011031.D

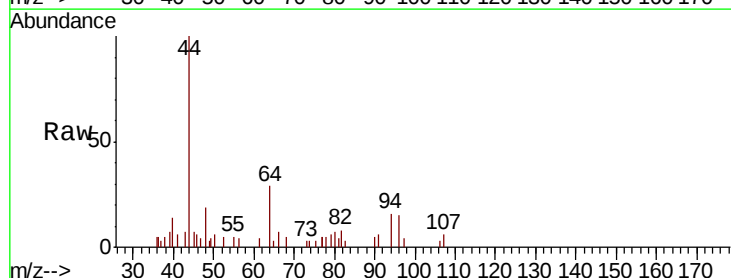
Acq: 22 Jul 2019 15:26

Tgt Ion: 94 Resp: 308

Ion Ratio Lower Upper

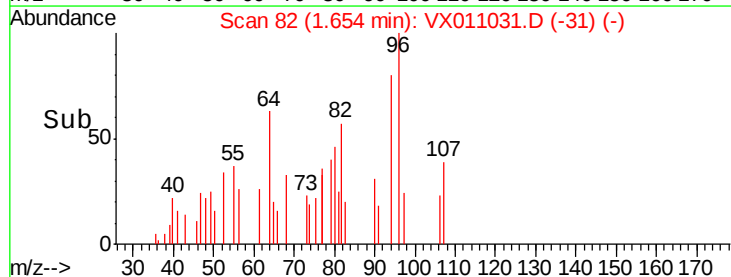
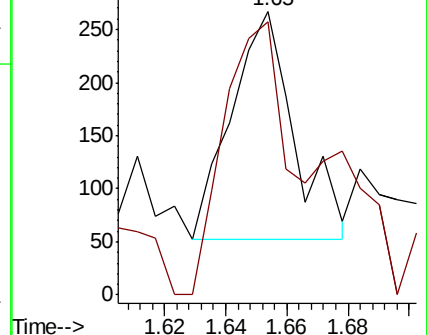
94 100

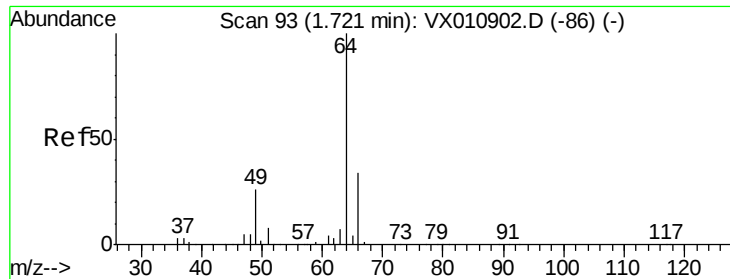
96 119.5 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.240 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

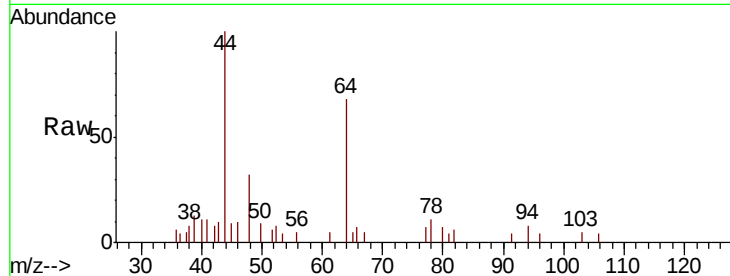
FL-0622DL

Tot Ion: 64 Resp: 331

Ion Ratio Lower Upper

64 100

66 0.3 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

1000

800

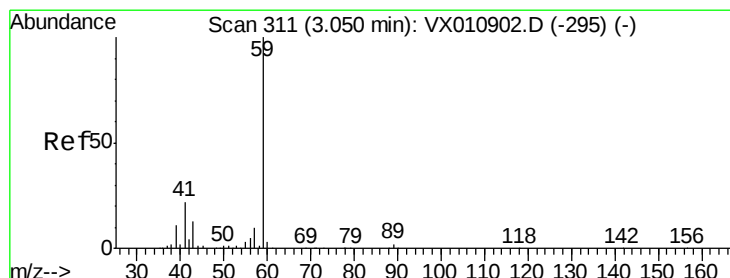
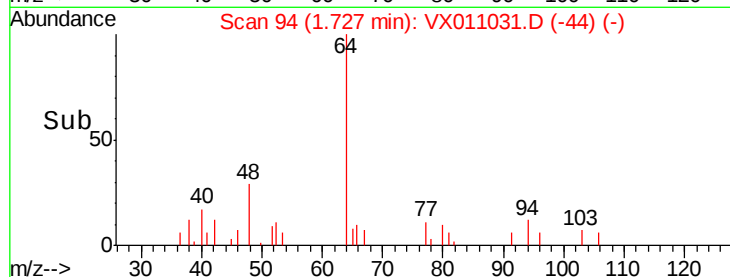
600

400

200

0

Time-->



#11

Tert butyl alcohol

Concen: 6.996 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX011031.D

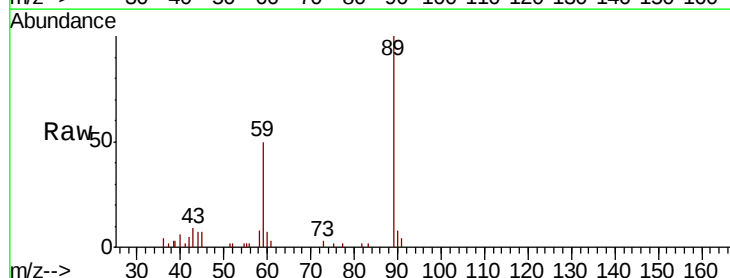
Acq: 22 Jul 2019 15:26

Tgt Ion: 59 Resp: 4004

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

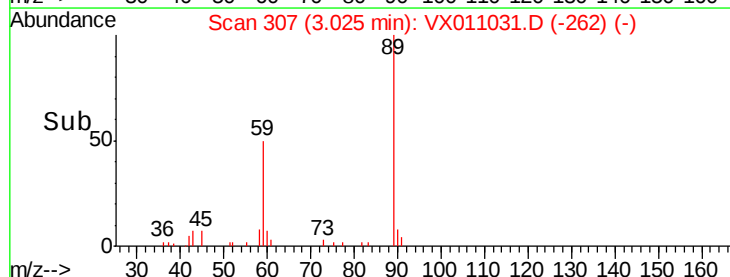
1500

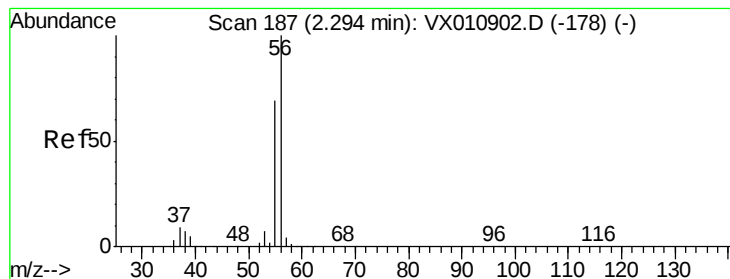
1000

500

0

Time-->





#13

Acrolein

Concen: 0.720 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

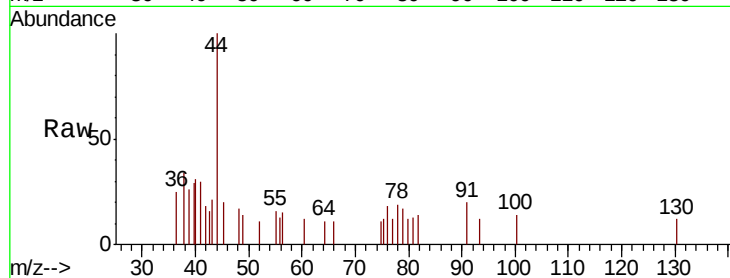
FL-0622DL

Tot Ion: 56 Resp: 238

Ion Ratio Lower Upper

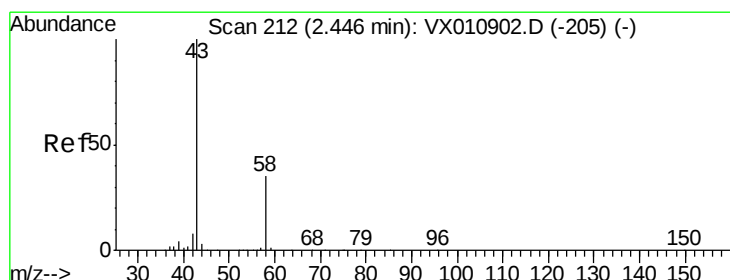
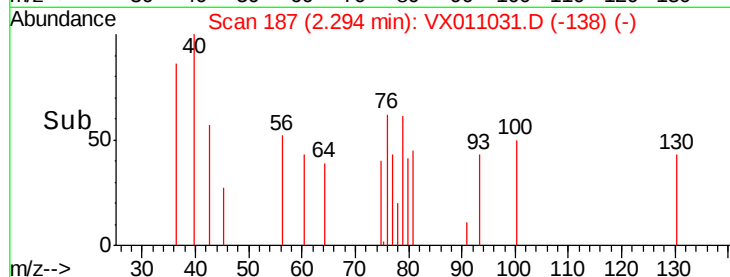
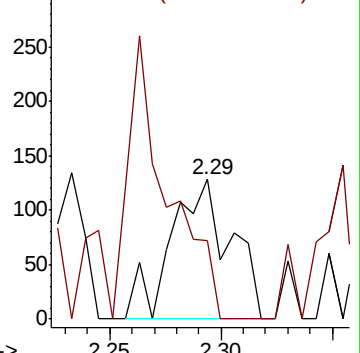
56 100

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



#16

Acetone

Concen: 1.085 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011031.D

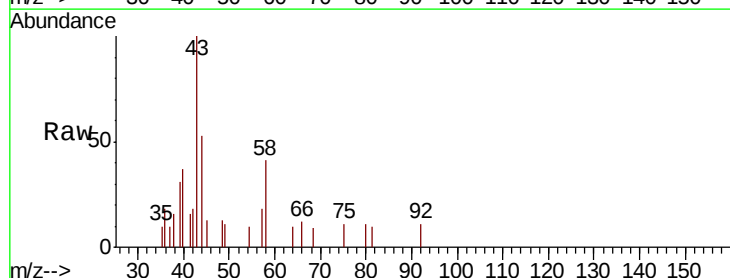
Acq: 22 Jul 2019 15:26

Tgt Ion: 43 Resp: 1204

Ion Ratio Lower Upper

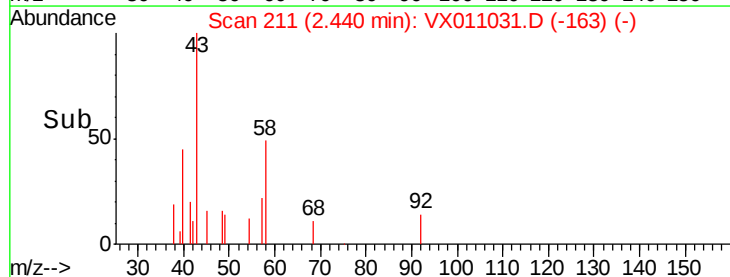
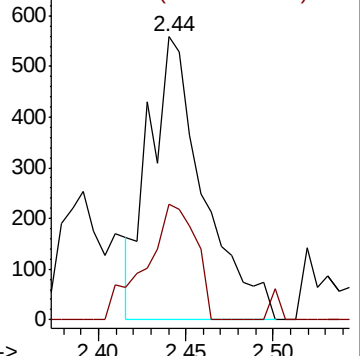
43 100

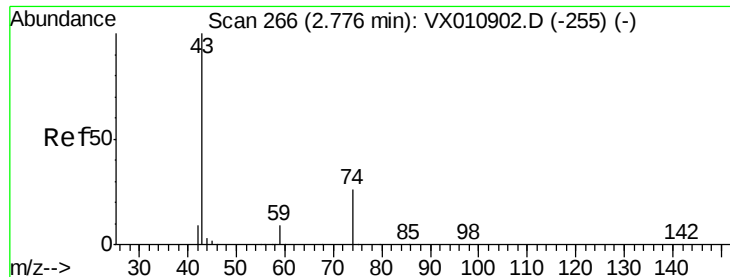
58 29.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

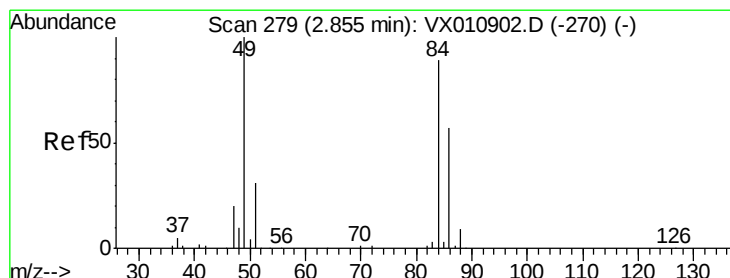
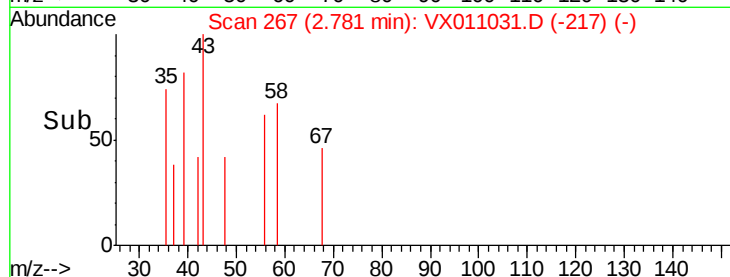
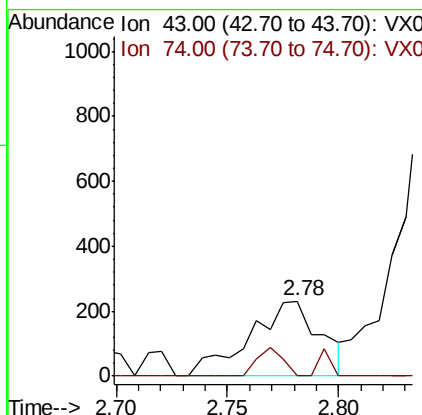
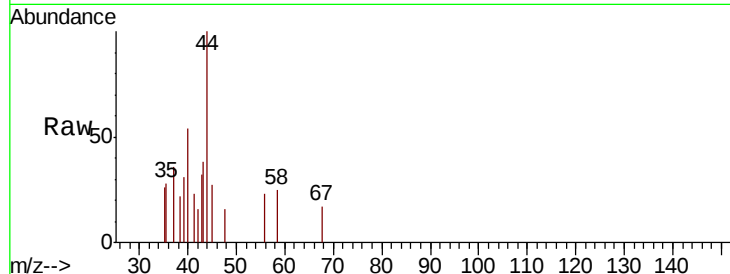




#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

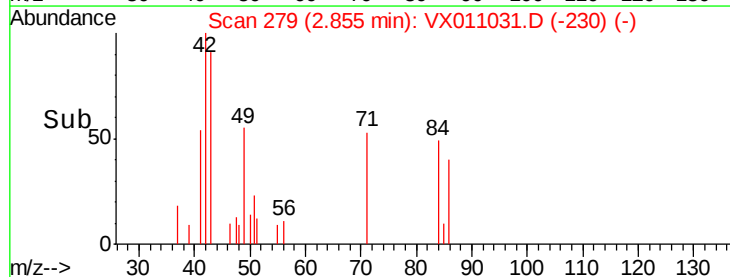
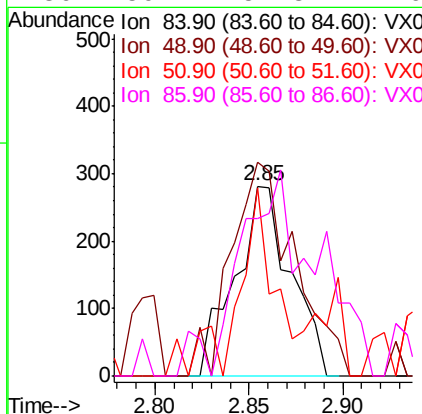
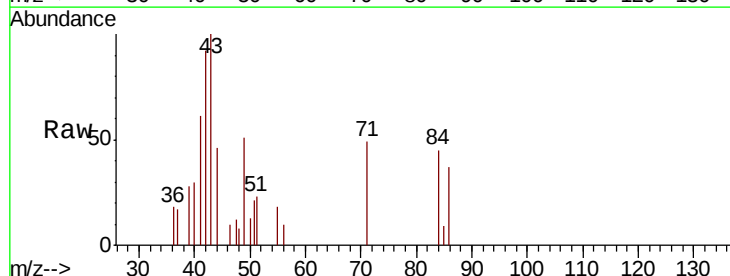
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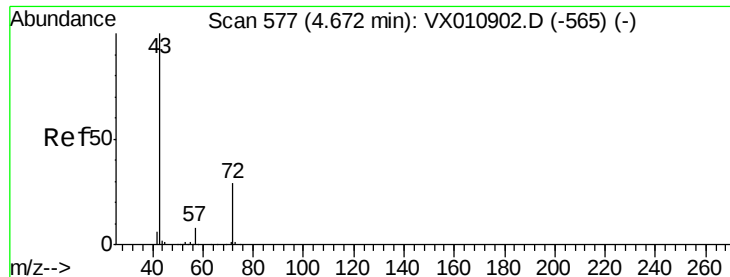
Tot Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
74 6.1 21.5 32.3#



#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

Tgt Ion: 84 Resp: 575
Ion Ratio Lower Upper
84 100
49 112.8 89.9 134.9
51 99.3 27.8 41.6#
86 59.4 51.8 77.6





#25

2-Butanone

Concen: 0.676 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.03 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

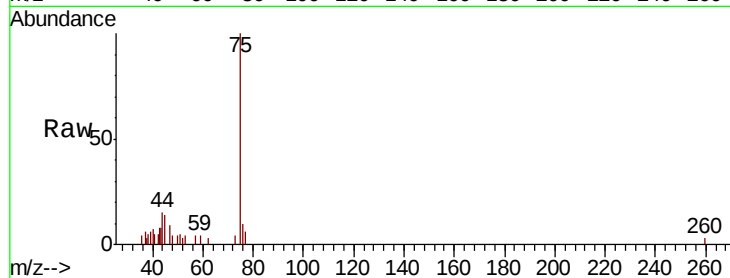
FL-0622DL

Tot Ion: 43 Resp: 1077

Ion Ratio Lower Upper

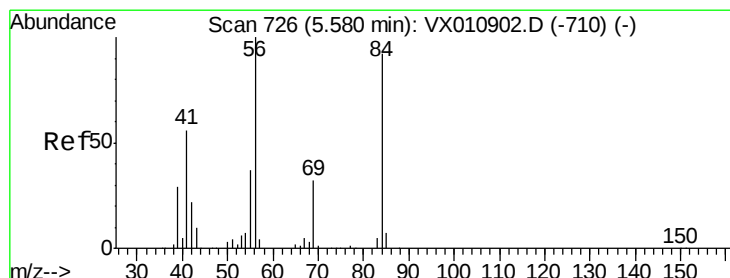
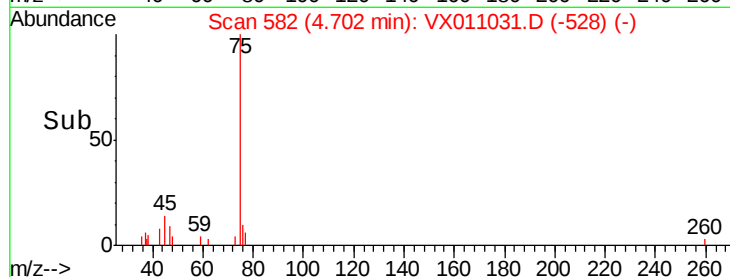
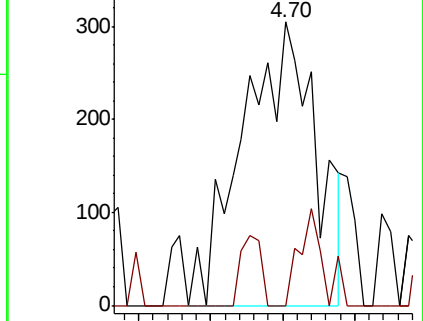
43 100

72 0.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 7.793 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

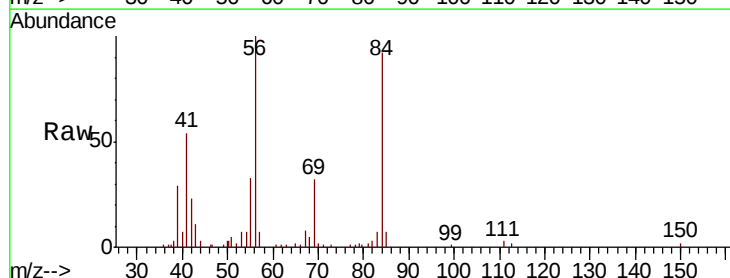
Tgt Ion: 56 Resp: 26002

Ion Ratio Lower Upper

56 100

69 32.4 25.8 38.8

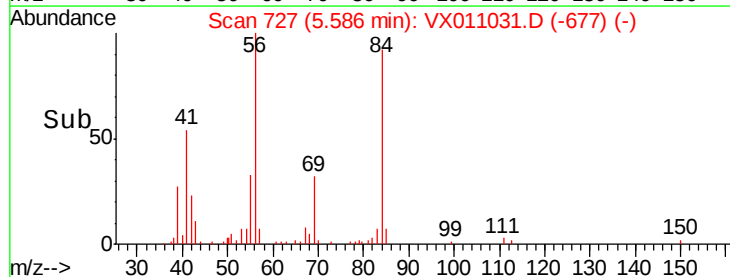
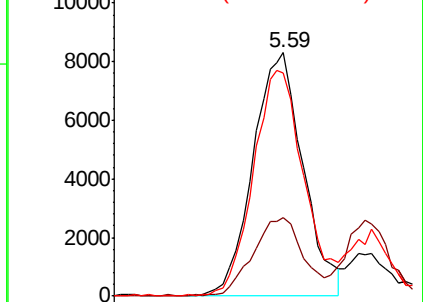
84 90.8 73.8 110.6

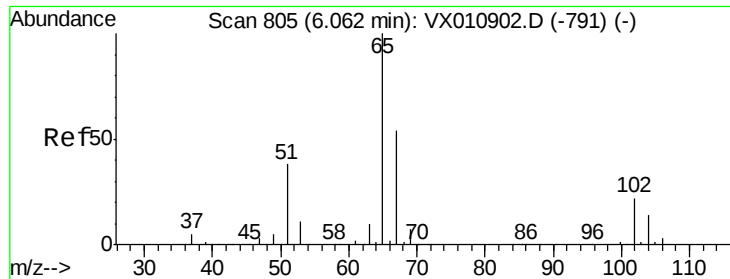


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

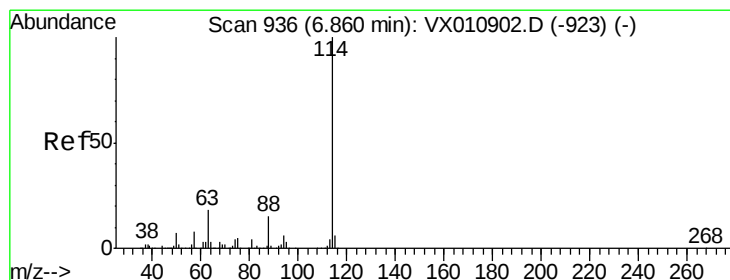
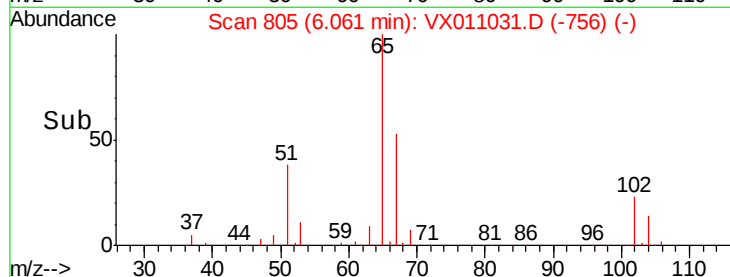
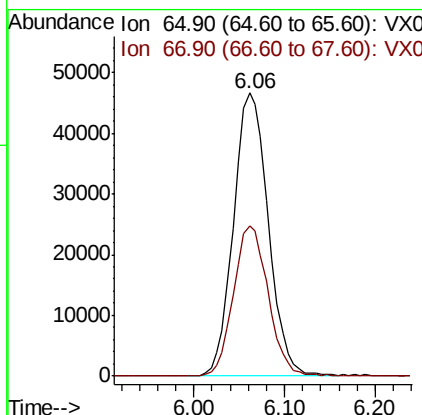
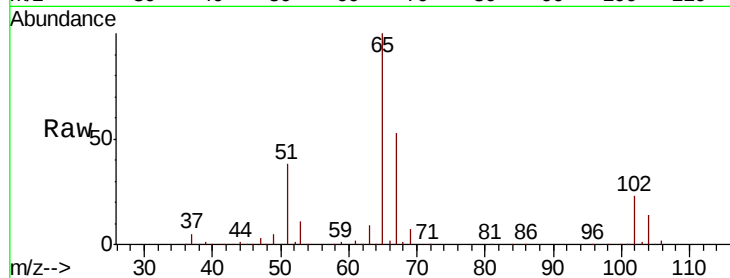




#33
 1,2-Dichloroethane-d4
 Concen: 50.520 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011031.D
 Acq: 22 Jul 2019 15:26

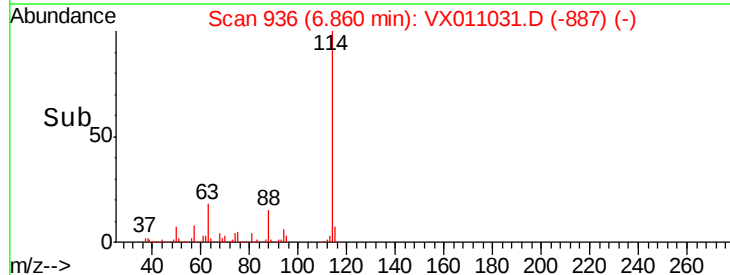
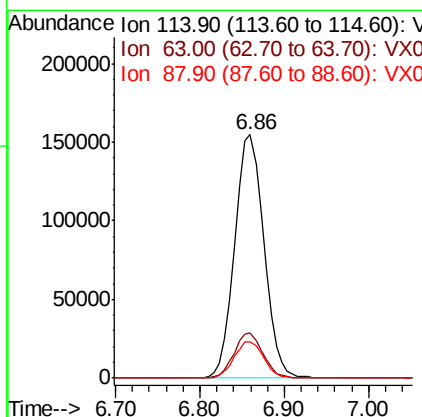
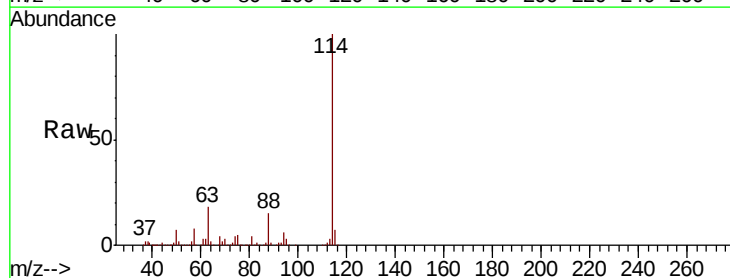
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0622DL

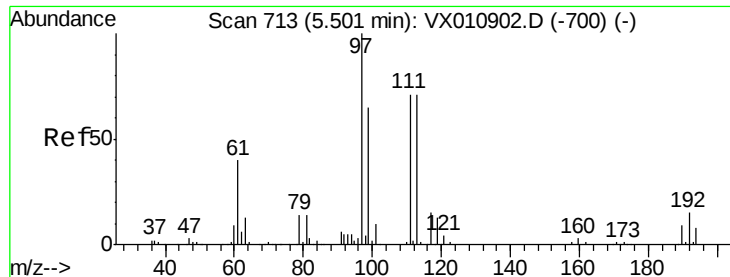
Tot Ion: 65 Resp: 124148
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011031.D
 Acq: 22 Jul 2019 15:26

Tgt Ion: 114 Resp: 362005
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.6
 88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.041 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

FL-0622DL

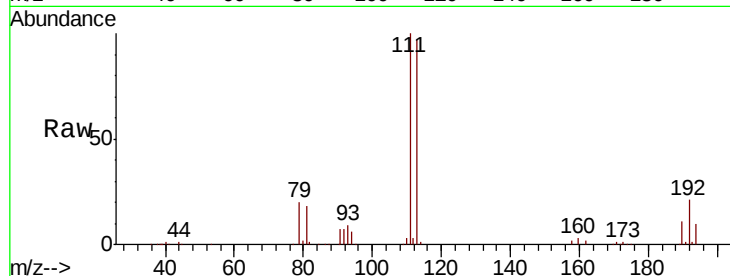
Tot Ion:113 Resp: 112683

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

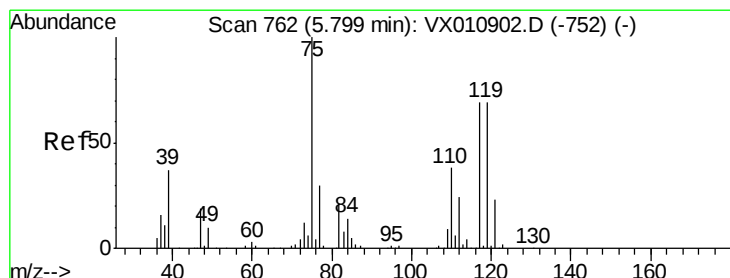
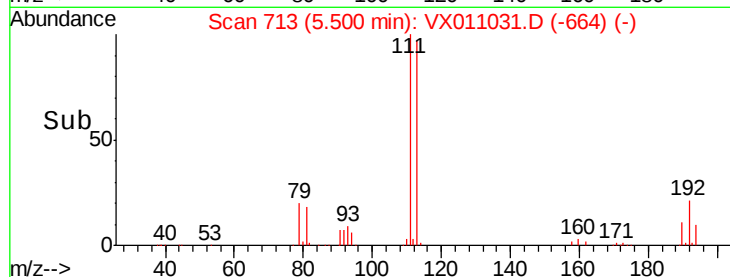
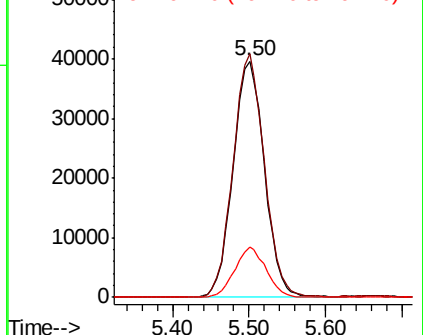
192 21.4 17.4 26.2



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: 5.194 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

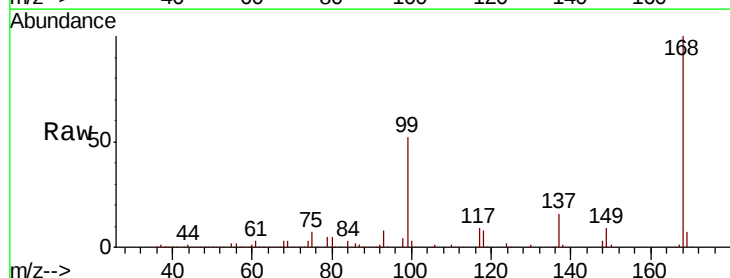
Tgt Ion: 75 Resp: 15446

Ion Ratio Lower Upper

75 100

110 11.8 19.9 59.7#

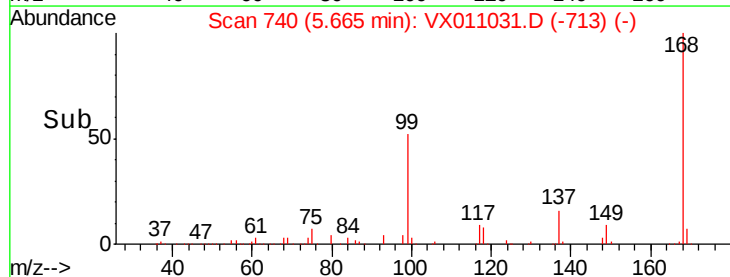
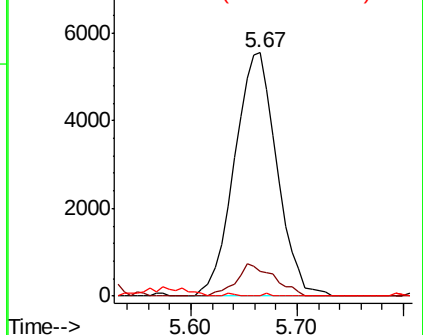
77 0.1 25.0 37.4#

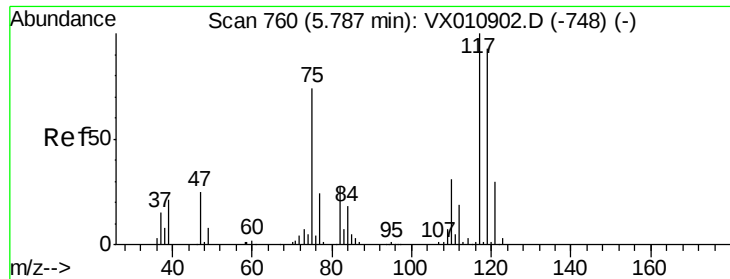


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.837 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

FL-0622DL

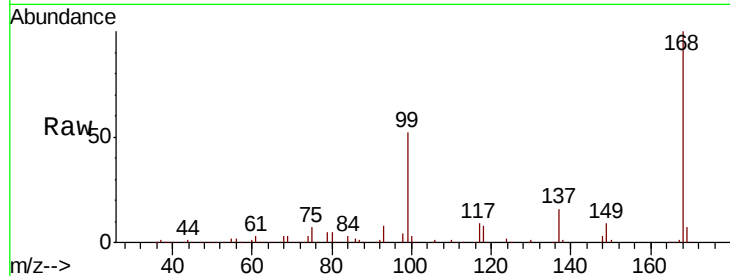
Tot Ion:117 Resp: 21185

Ion Ratio Lower Upper

117 100

119 4.5 74.2 111.2#

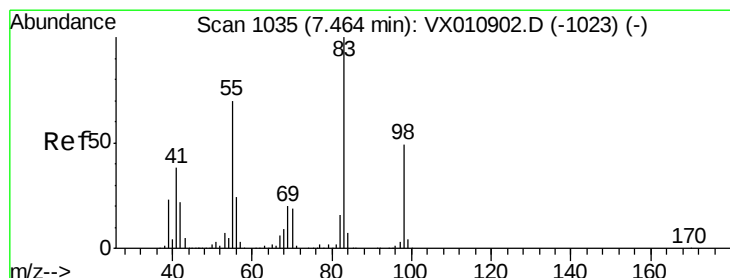
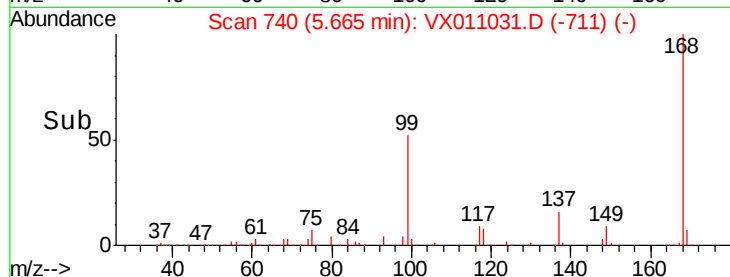
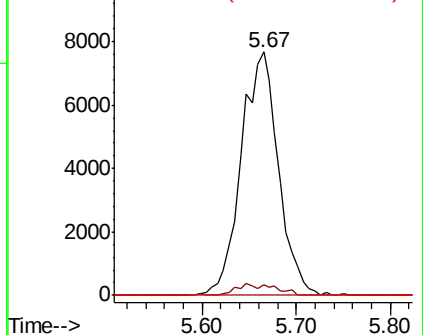
121 0.0 24.2 36.2#



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: 14.346 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

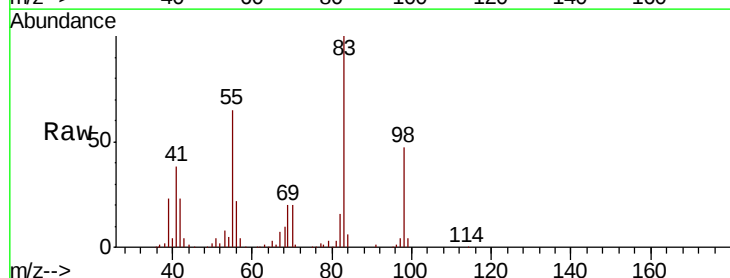
Tgt Ion: 83 Resp: 55319

Ion Ratio Lower Upper

83 100

55 65.1 56.2 84.4

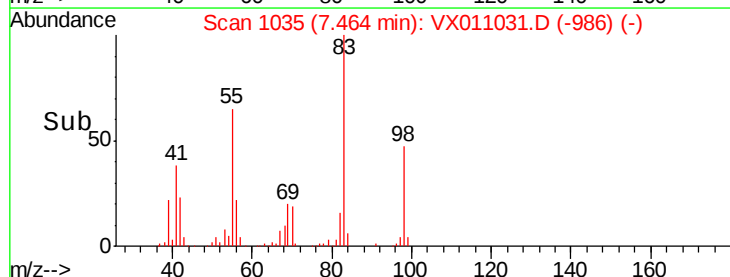
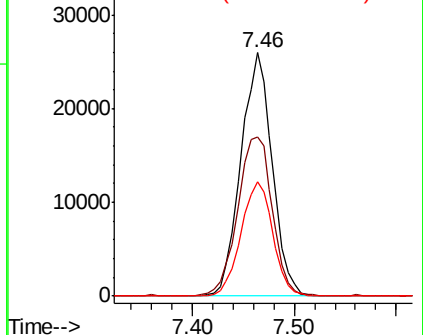
98 47.0 39.0 58.4

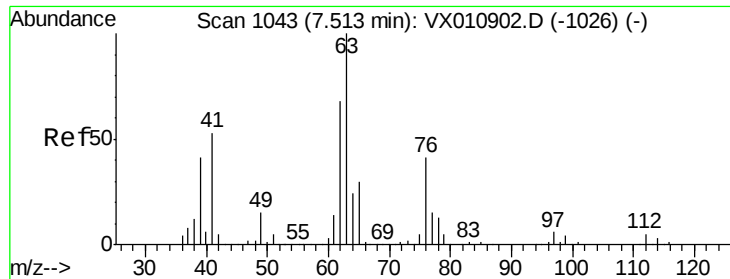


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#45

1,2-Dichloropropane

Concen: 0.390 ug/l

RT: 7.47 min Scan# 1036

Delta R.T. -0.04 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

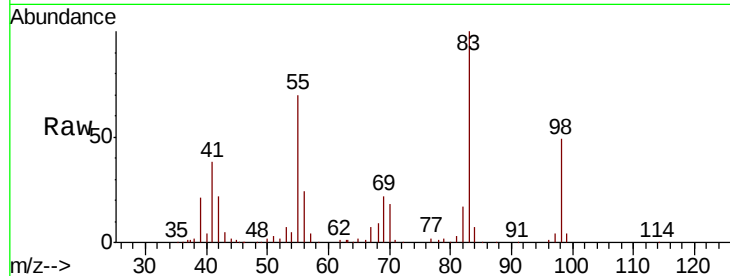
FL-0622DL

Tot Ion: 63 Resp: 903

Ion Ratio Lower Upper

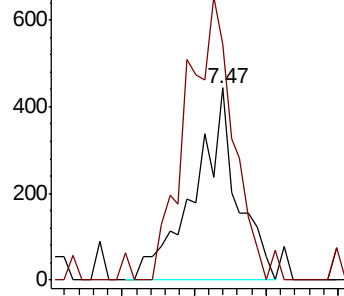
63 100

65 108.6 24.4 36.6#

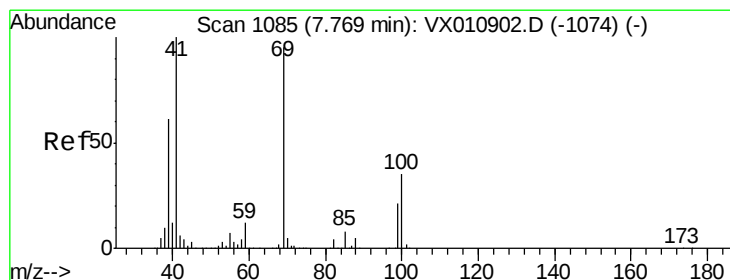
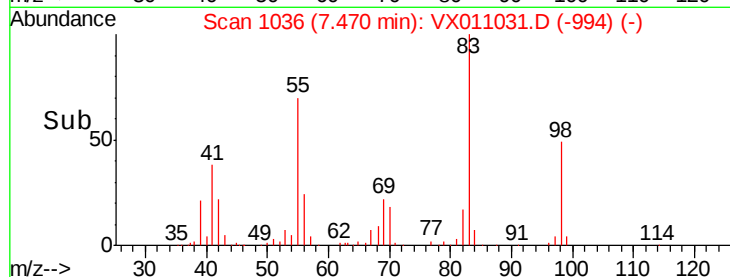


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#48

Methyl methacrylate

Concen: 1.291 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.04 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

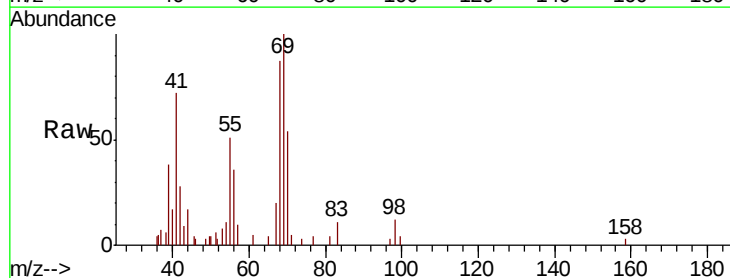
Tgt Ion: 41 Resp: 3148

Ion Ratio Lower Upper

41 100

69 133.5 74.4 111.6#

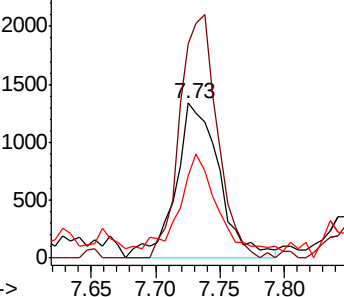
39 52.8 48.9 73.3



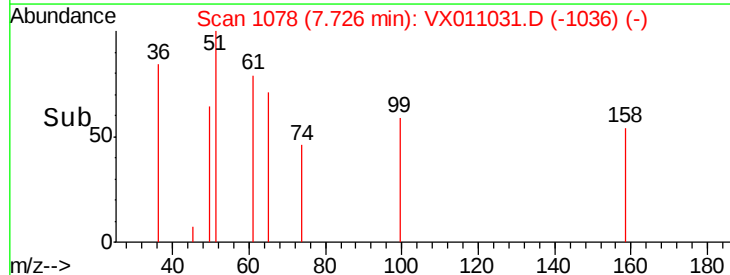
Abundance Ion 41.00 (40.70 to 41.70): VX0

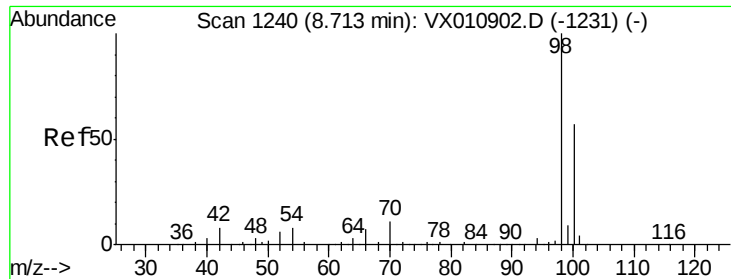
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->

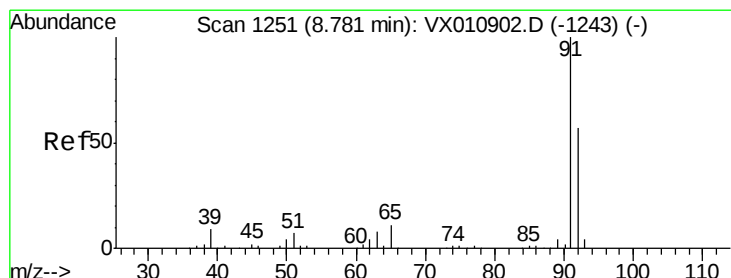
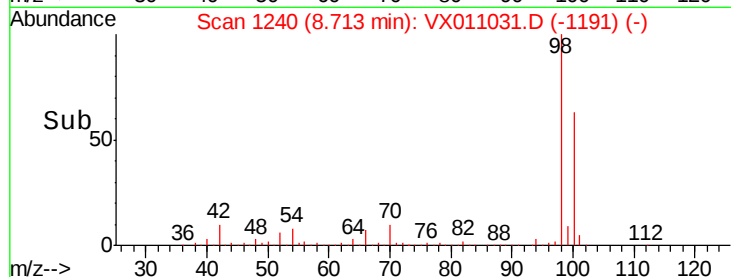
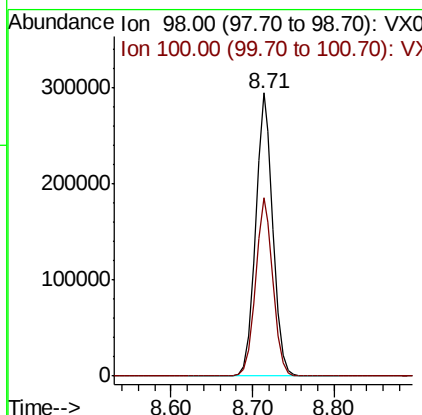
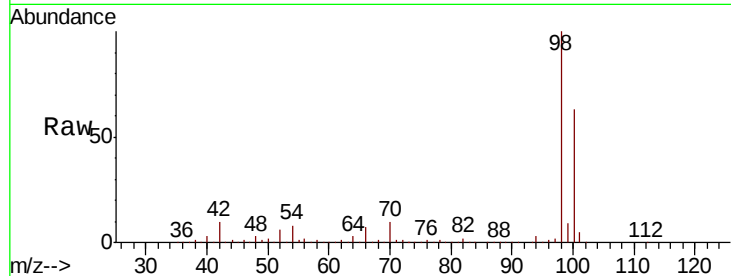




#50
Toluene-d8
Concen: 50.917 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

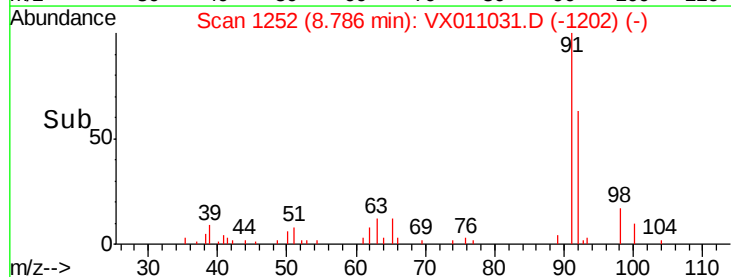
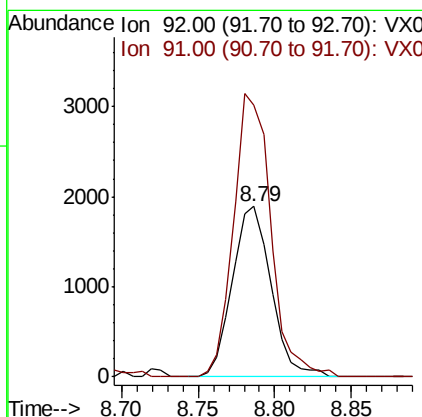
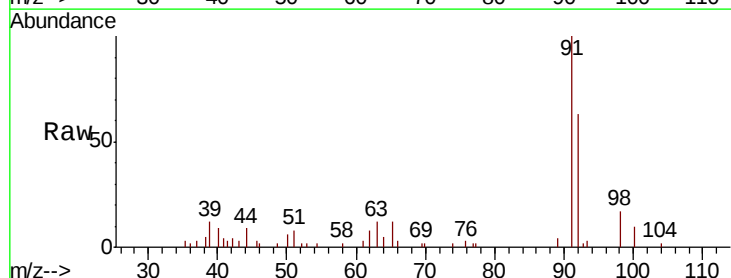
Instrument :
MSVOA_X
ClientSampleId :
FL-0622DL

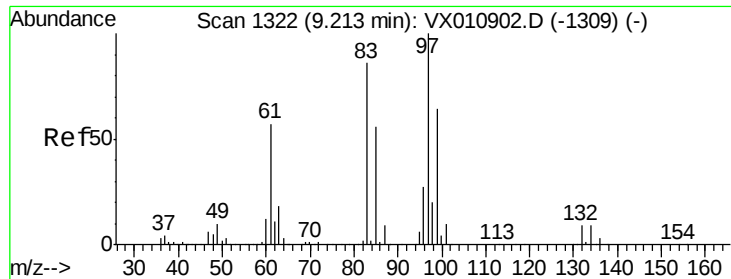
Tot Ion: 98 Resp: 438795
Ion Ratio Lower Upper
98 100
100 63.4 50.6 75.8



#52
Toluene
Concen: 0.556 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

Tgt Ion: 92 Resp: 3328
Ion Ratio Lower Upper
92 100
91 160.1 139.4 209.0

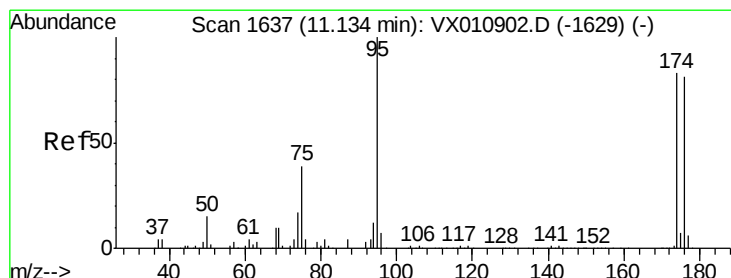
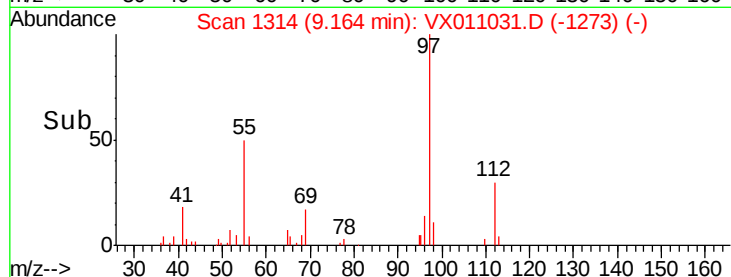
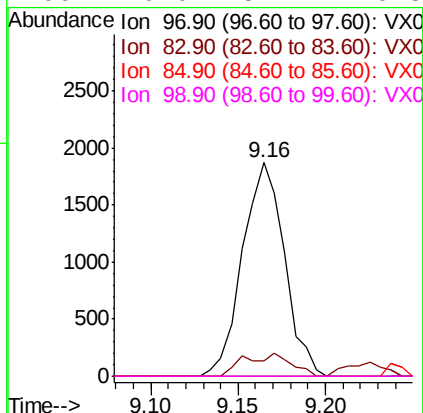
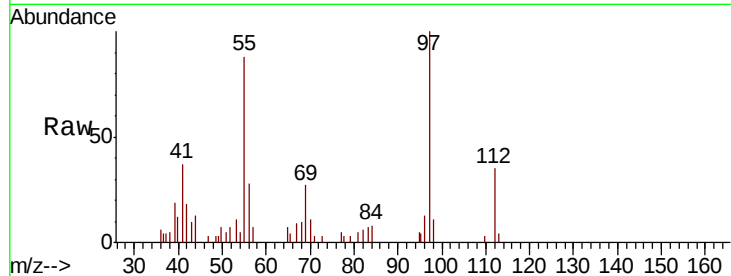




#55
 1,1,2-Trichloroethane
 Concen: 1.264 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX011031.D
 Acq: 22 Jul 2019 15:26

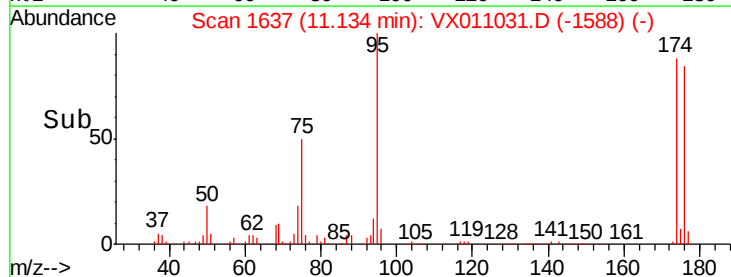
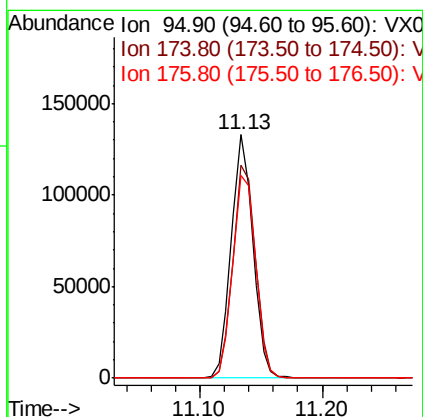
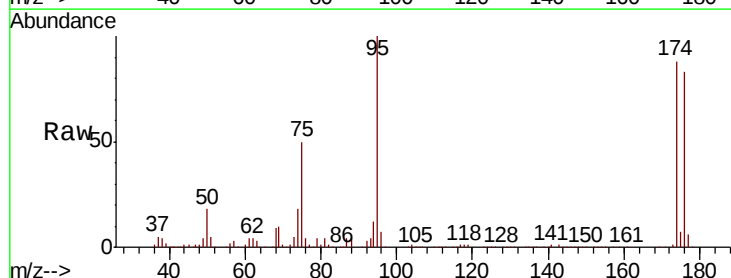
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0622DL

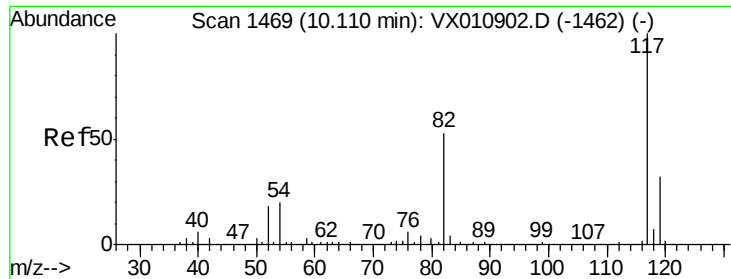
Tot Ion: 97 Resp: 3115
 Ion Ratio Lower Upper
 97 100
 83 7.3 69.2 103.8#
 85 0.0 44.6 66.8#
 99 0.0 51.2 76.8#



#62
 4-Bromofluorobenzene
 Concen: 51.484 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011031.D
 Acq: 22 Jul 2019 15:26

Tgt Ion: 95 Resp: 163084
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 180.6
 176 88.1 0.0 173.8

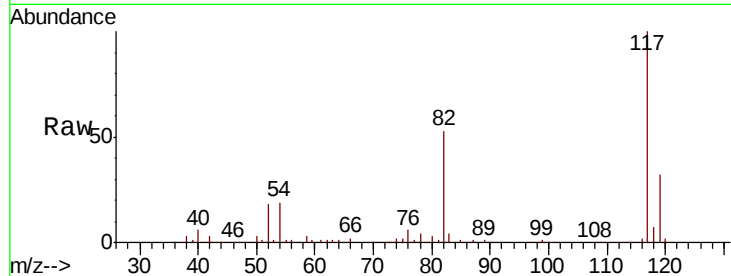




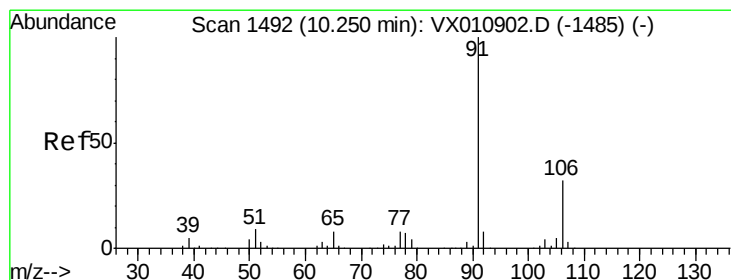
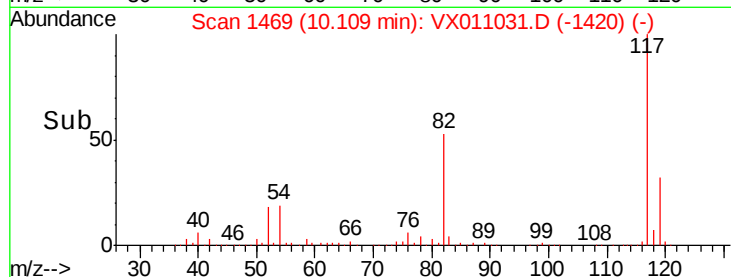
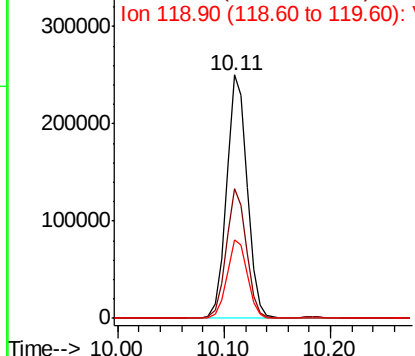
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

Instrument :
MSVOA_X
ClientSampleID :
FL-0622DL

Tot Ion:117 Resp: 338048
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 32.1 25.9 38.9

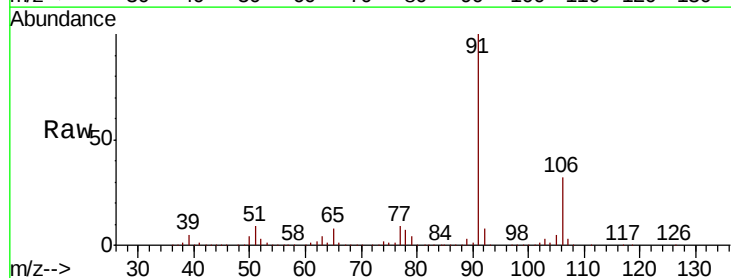


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

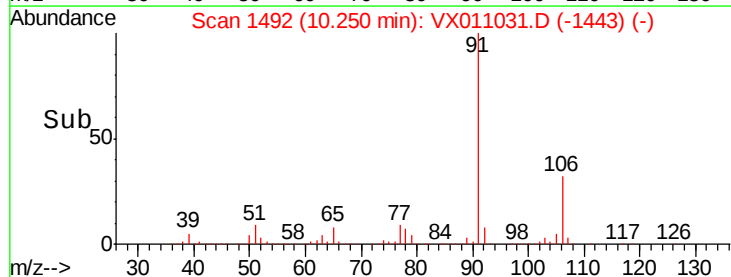
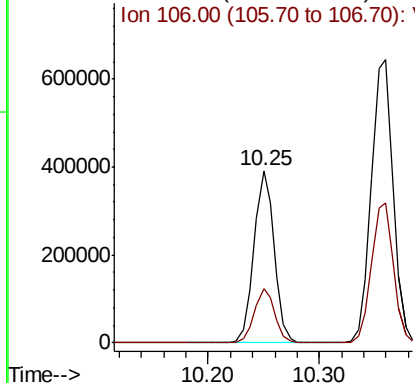


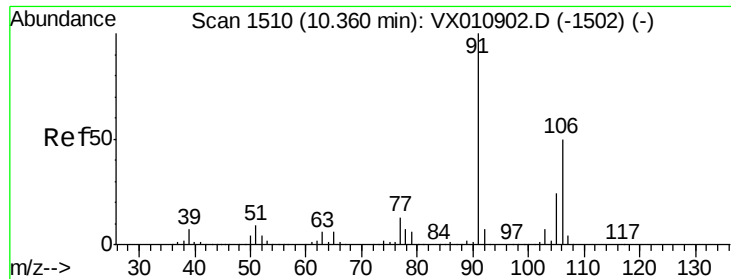
#67
Ethyl Benzene
Concen: 41.850 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

Tgt Ion: 91 Resp: 494587
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



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

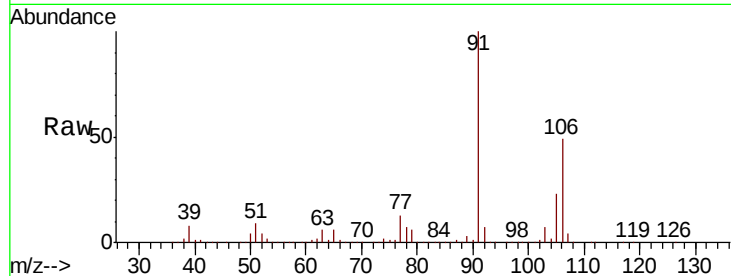




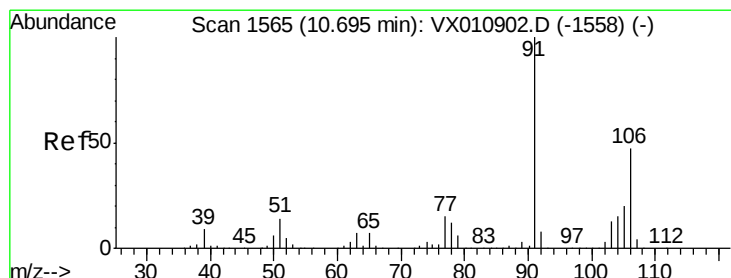
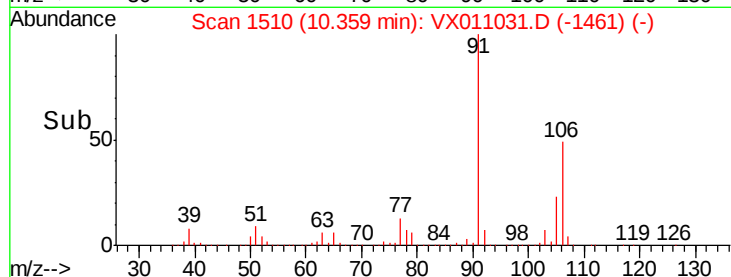
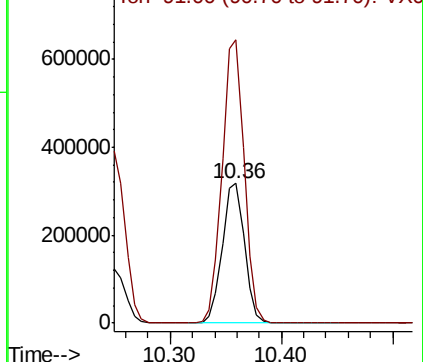
#68
m/p-Xylenes
Concen: 97.186 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

Instrument :
MSVOA_X
ClientSampleId :
FL-0622DL

Tot Ion:106 Resp: 440580
Ion Ratio Lower Upper
106 100
91 201.2 160.1 240.1

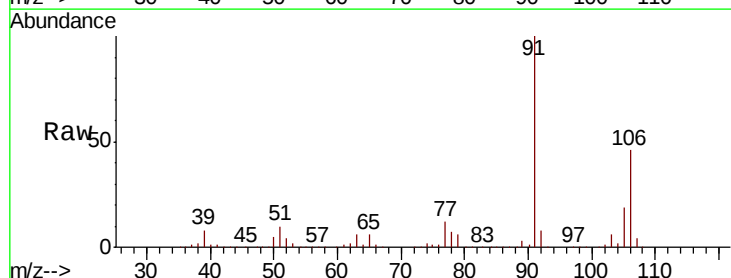


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

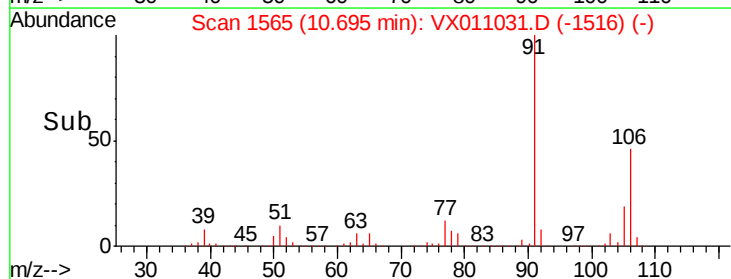
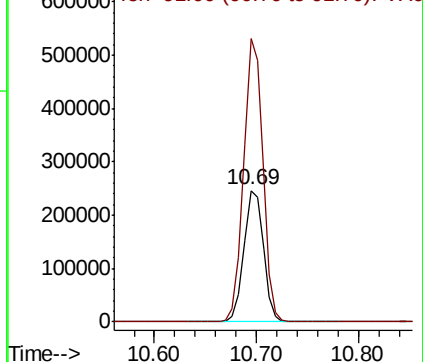


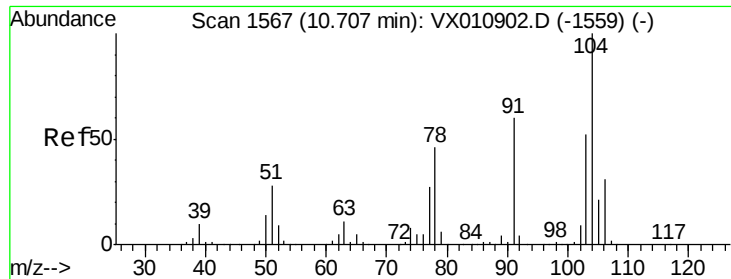
#69
o-Xylene
Concen: 73.448 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

Tgt Ion:106 Resp: 324959
Ion Ratio Lower Upper
106 100
91 212.1 105.1 315.3



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





#70

Stvrene

Concen: 2.187 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

FL-0622DL

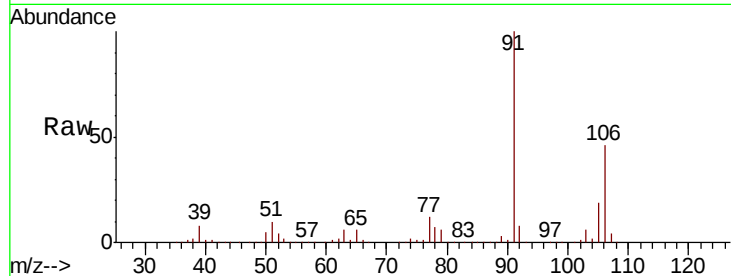
Tot Ion:104 Resp: 16127

Ion Ratio Lower Upper

104 100

78 293.4 38.8 58.2#

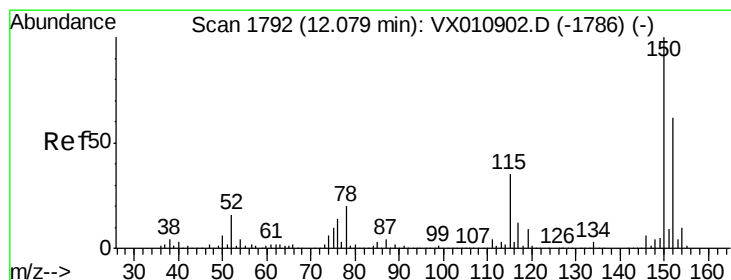
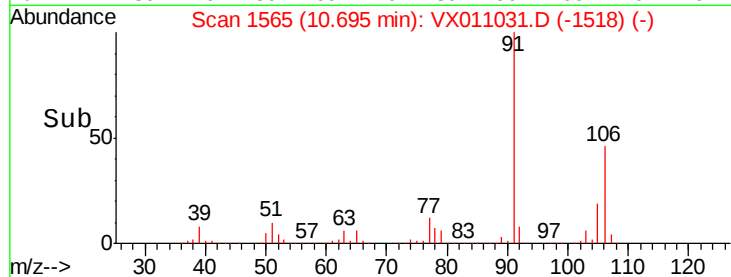
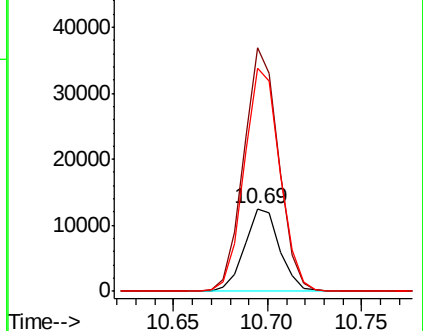
103 275.9 44.2 66.4#



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: VX011031.D

Acq: 22 Jul 2019 15:26

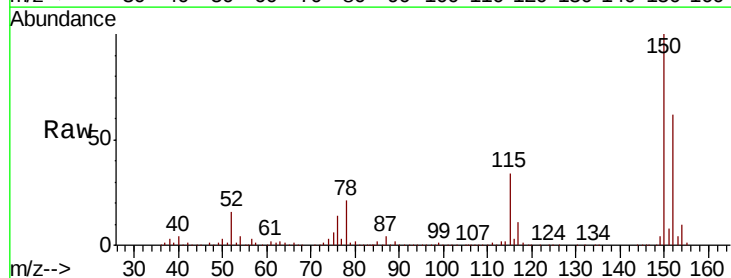
Tgt Ion:152 Resp: 167673

Ion Ratio Lower Upper

152 100

115 56.5 39.7 119.1

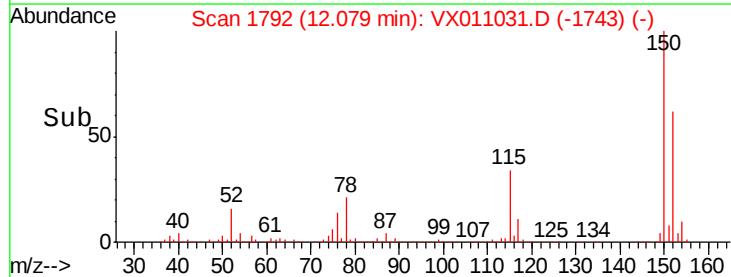
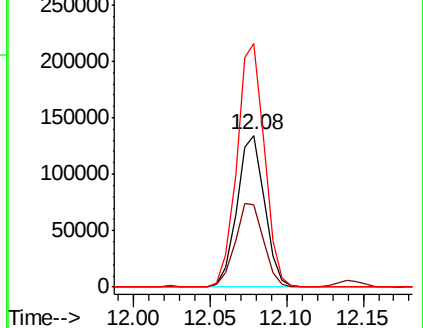
150 159.8 0.0 345.6

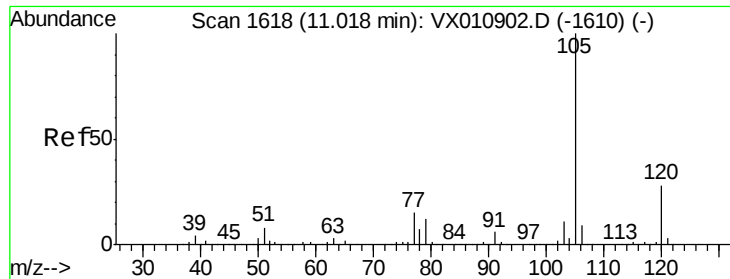


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.416 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

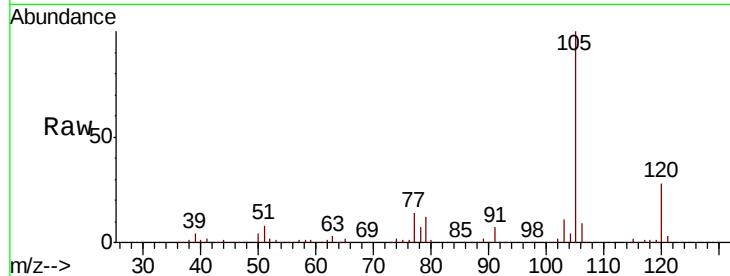
FL-0622DL

Tot Ion:105 Resp: 61366

Ion Ratio Lower Upper

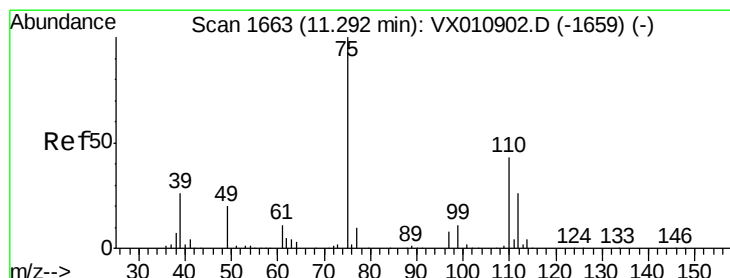
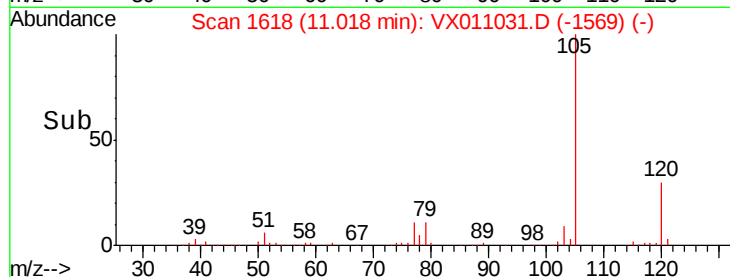
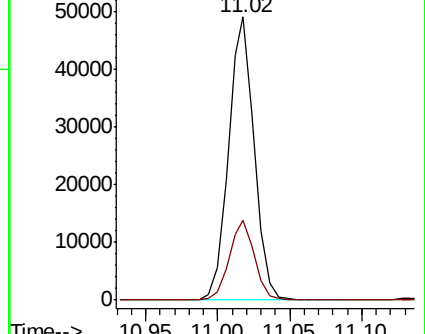
105 100

120 27.8 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: 1.104 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX011031.D

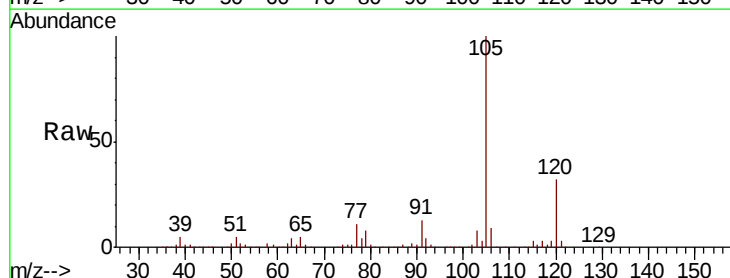
Acq: 22 Jul 2019 15:26

Tgt Ion: 75 Resp: 3341

Ion Ratio Lower Upper

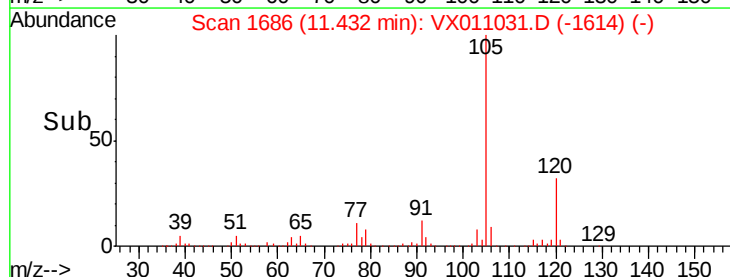
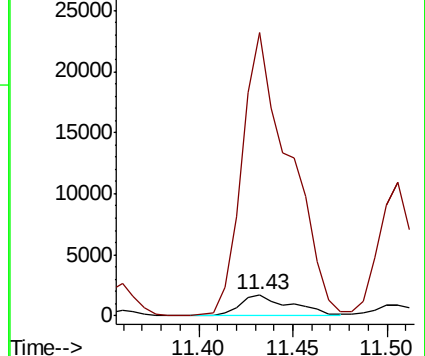
75 100

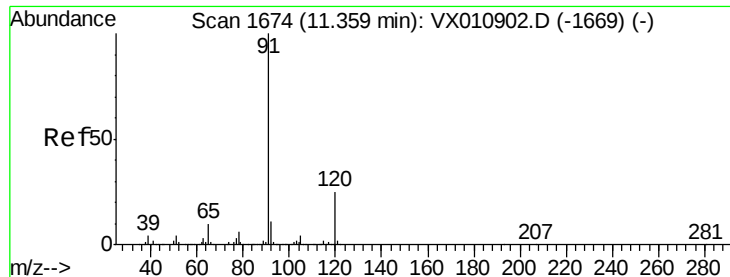
77 1223.7 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 6.276 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

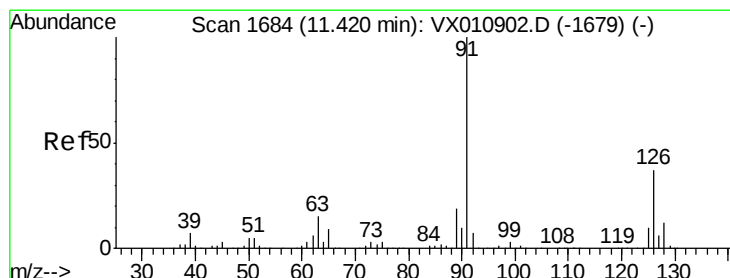
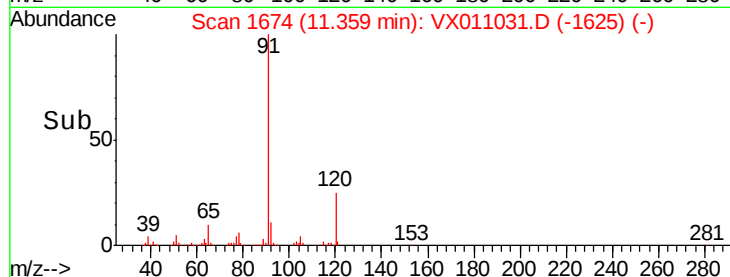
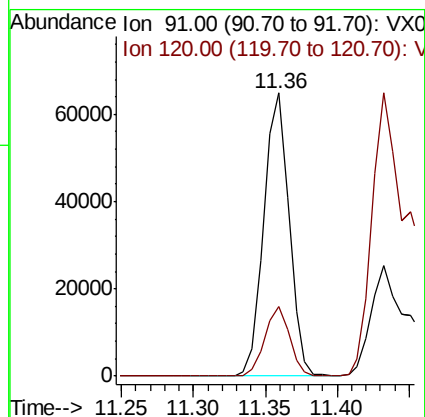
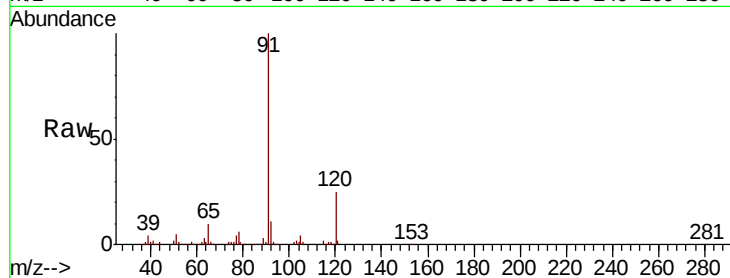
FL-0622DL

Tot Ion: 91 Resp: 78559

Ion Ratio Lower Upper

91 100

120 24.1 12.3 36.8



#79

2-Chlorotoluene

Concen: 5.766 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011031.D

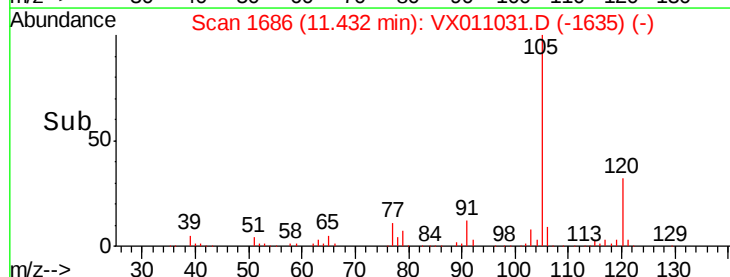
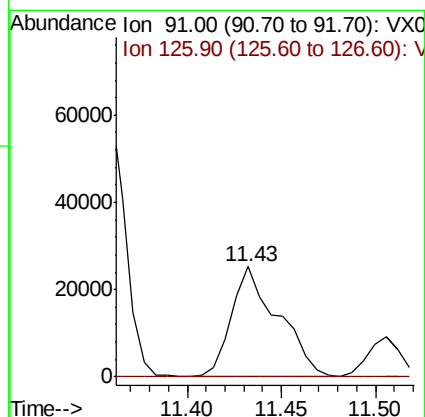
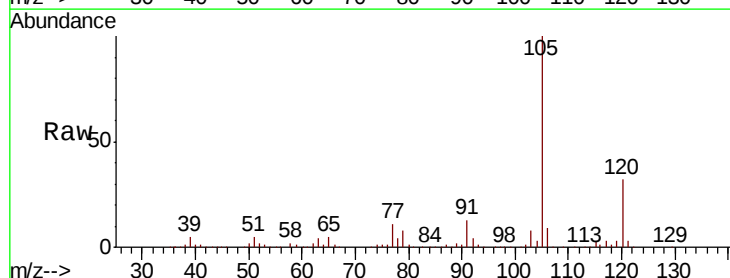
Acq: 22 Jul 2019 15:26

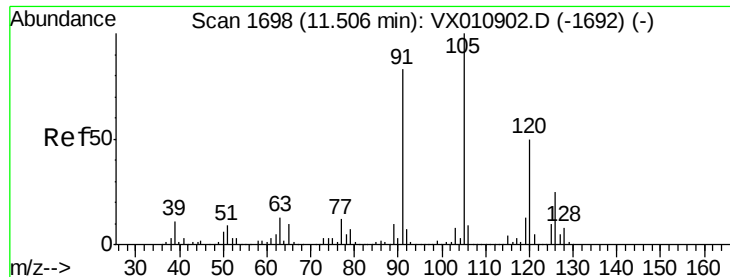
Tgt Ion: 91 Resp: 43362

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#

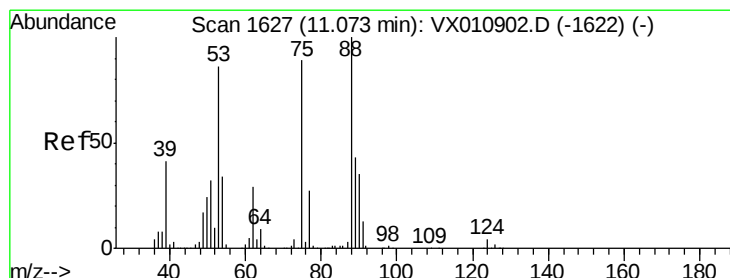
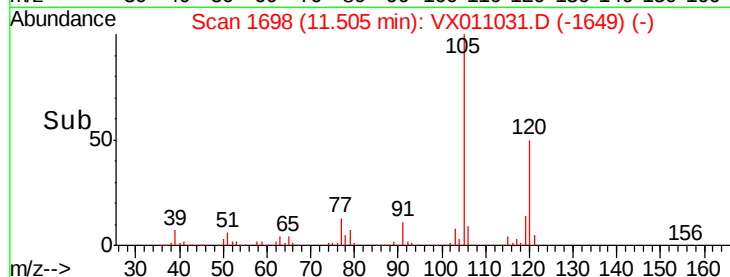
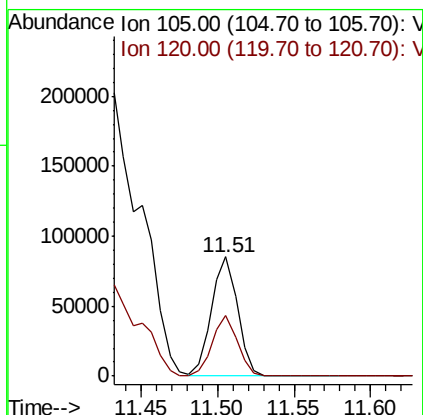
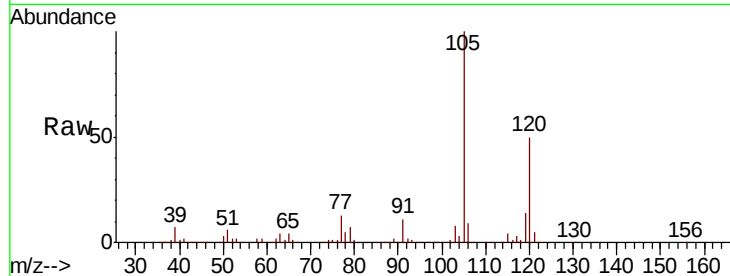




#80
 1,3,5-Trimethylbenzene
 Concen: 10.768 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011031.D
 Acq: 22 Jul 2019 15:26

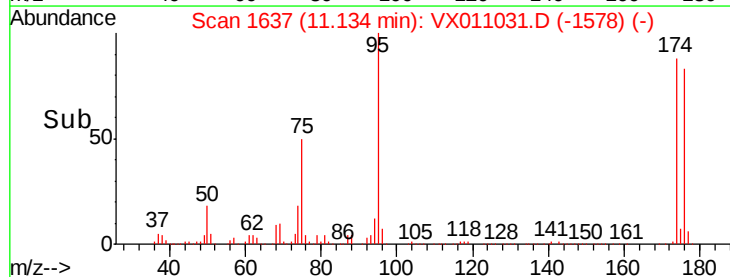
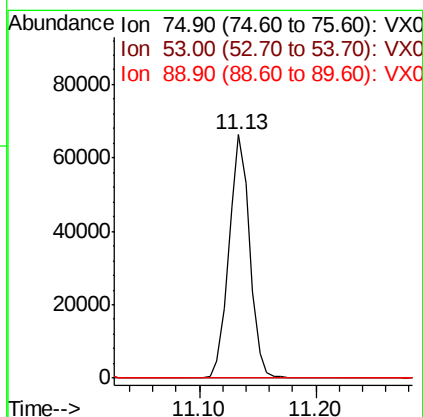
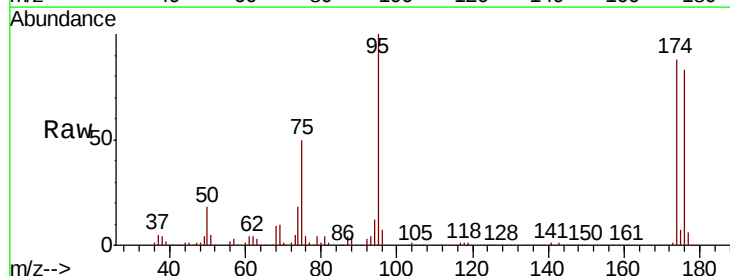
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0622DL

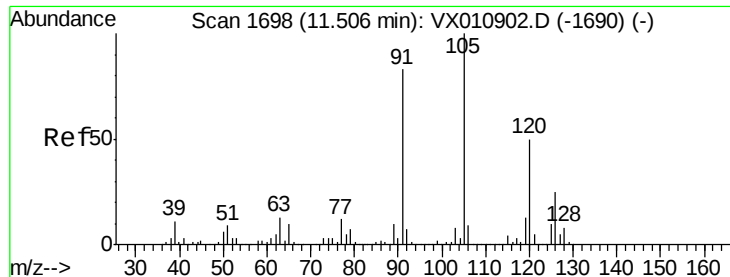
Tot Ion:105 Resp: 101939
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.143 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011031.D
 Acq: 22 Jul 2019 15:26

Tgt Ion: 75 Resp: 81958
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.0 38.5 57.7#

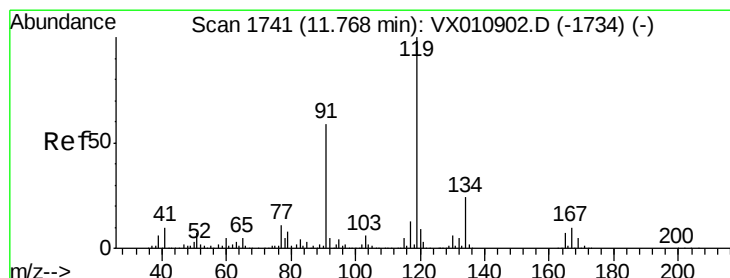
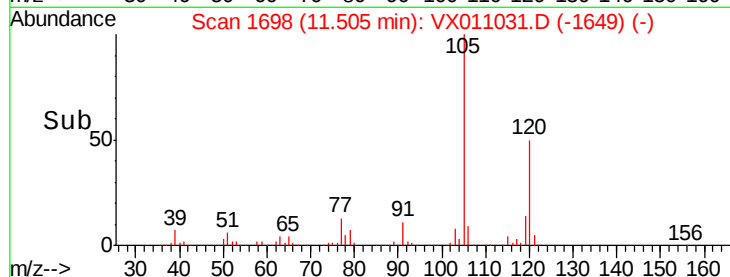
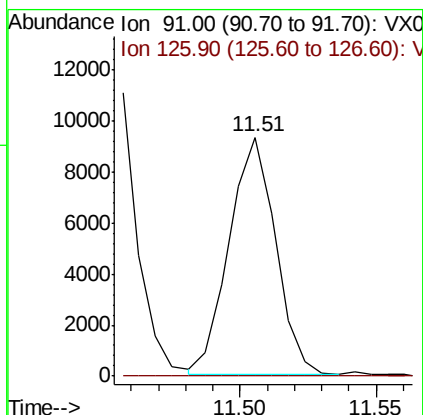
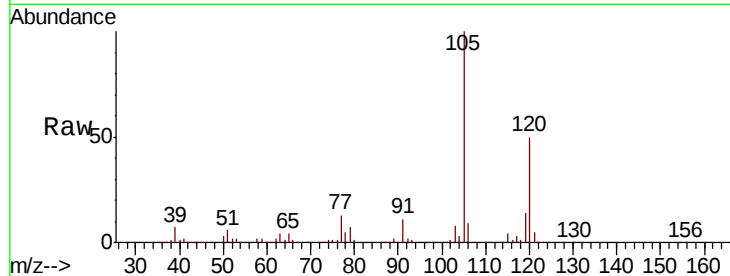




#82
4-Chlorotoluene
Concen: 1.254 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

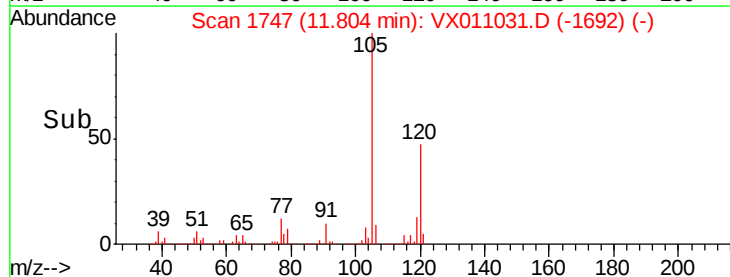
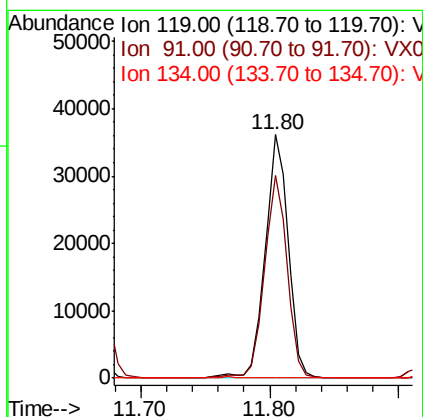
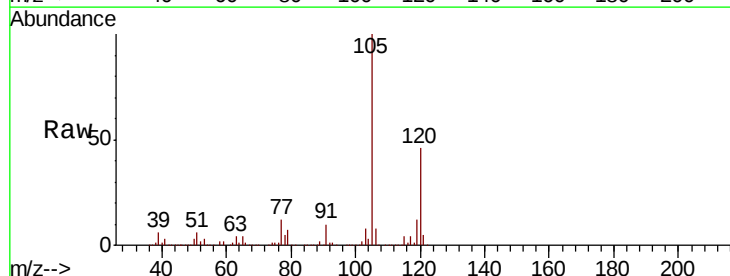
Instrument :
MSVOA_X
ClientSampled :
FL-0622DL

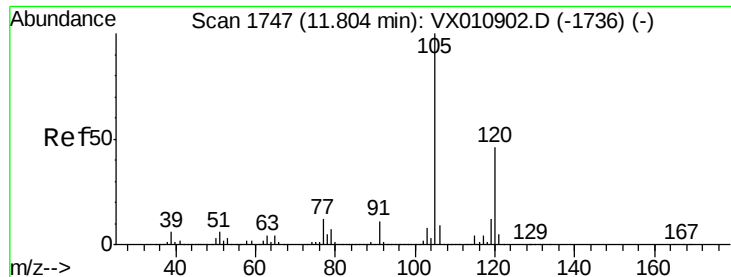
Tot Ion: 91 Resp: 10973
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.7#



#83
tert-Butylbenzene
Concen: 4.822 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

Tgt Ion: 119 Resp: 44839
Ion Ratio Lower Upper
119 100
91 81.9 28.6 85.8
134 0.0 11.6 34.8#





#84

1,2,4-Trimethylbenzene

Concen: 36.653 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampleID :

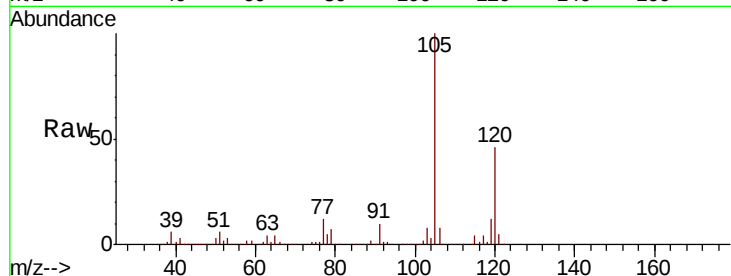
FL-0622DL

Tot Ion:105 Resp: 349737

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

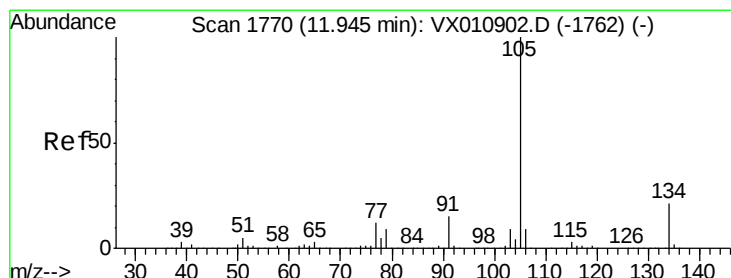
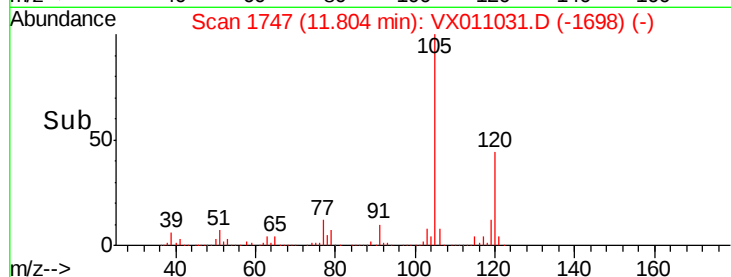
300000

200000

100000

0

Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 32.098 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011031.D

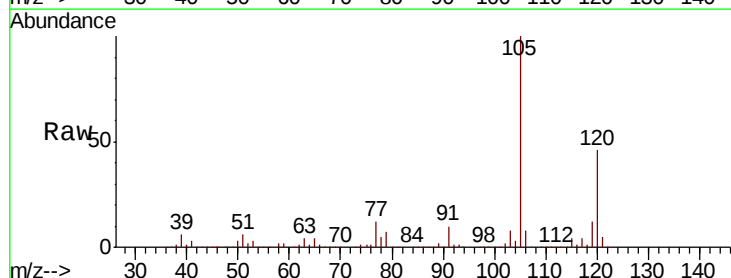
Acq: 22 Jul 2019 15:26

Tgt Ion:105 Resp: 349737

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

11.80

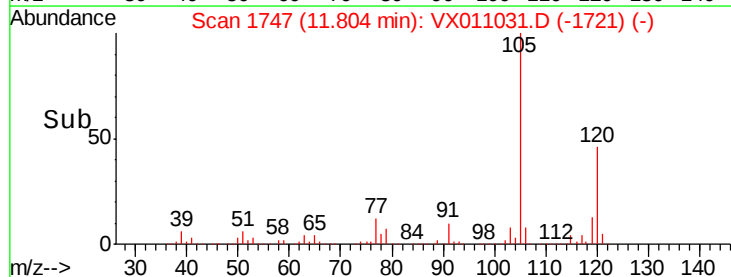
300000

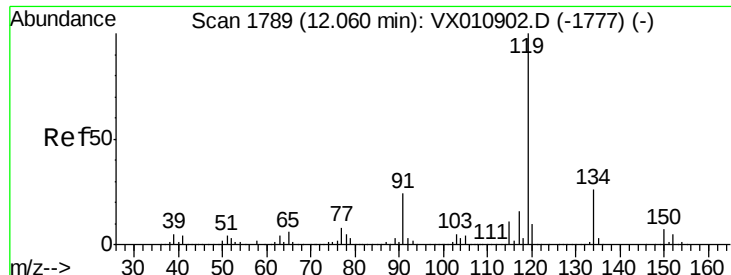
200000

100000

0

Time--> 11.70 11.80 11.90

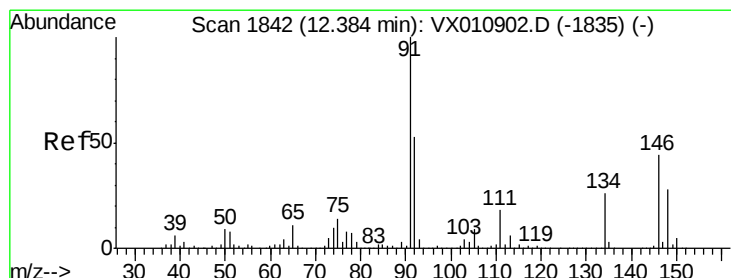
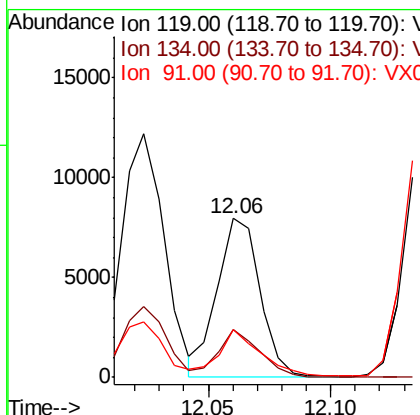
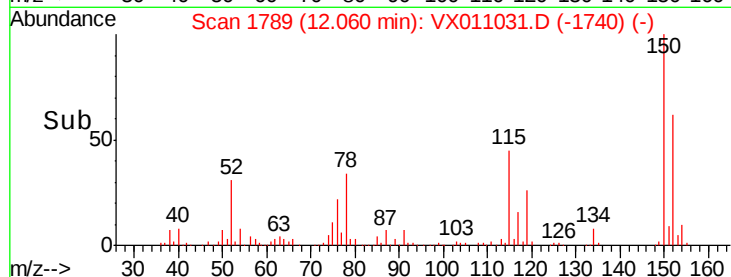
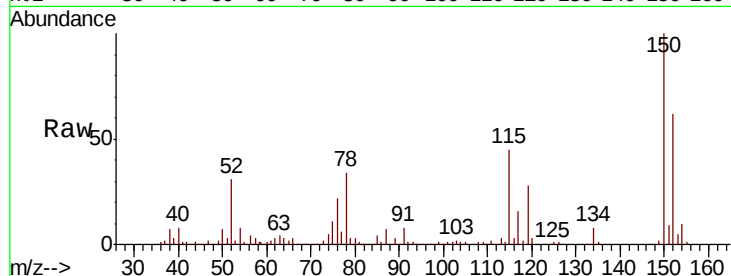




#86
p-Isopropyltoluene
Concen: 0.971 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

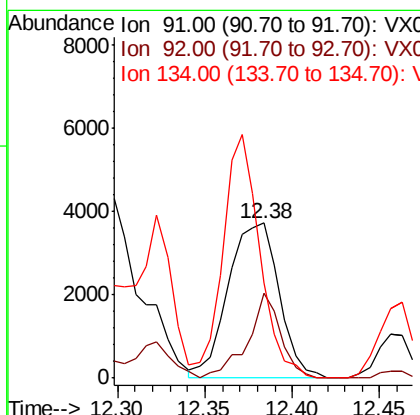
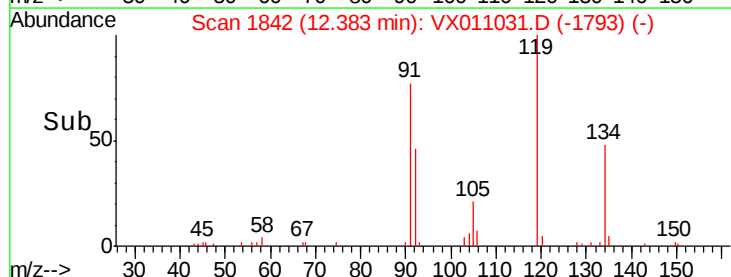
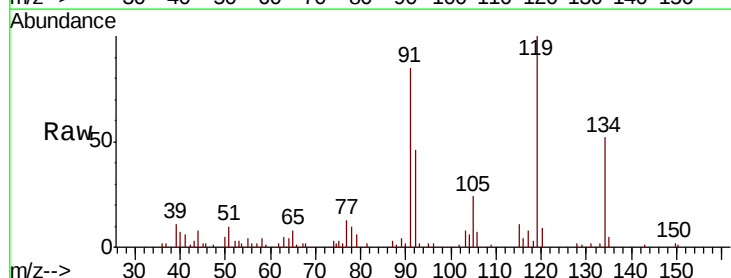
Instrument :
MSVOA_X
ClientSampleID :
FL-0622DL

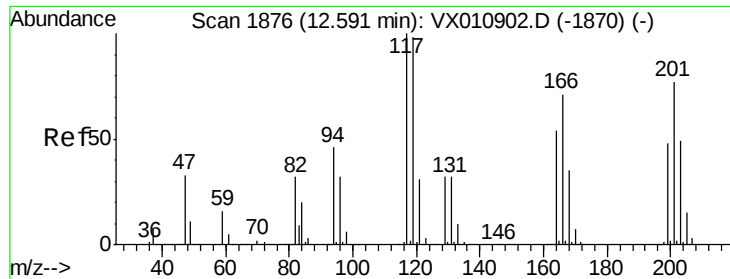
Tot Ion:119 Resp: 9780
Ion Ratio Lower Upper
119 100
134 28.9 13.4 40.1
91 30.0 11.8 35.4



#89
n-Butylbenzene
Concen: 0.872 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

Tgt Ion: 91 Resp: 7514
Ion Ratio Lower Upper
91 100
92 35.3 26.2 78.5
134 114.0 13.8 41.3#





#90

Hexachloroethane

Concen: 0.967 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

Instrument :

MSVOA_X

ClientSampled :

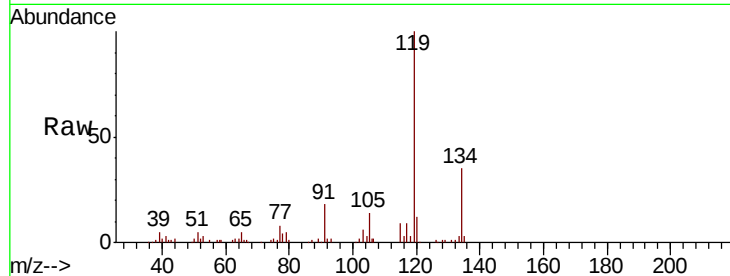
FL-0622DL

Tot Ion:117 Resp: 1537

Ion Ratio Lower Upper

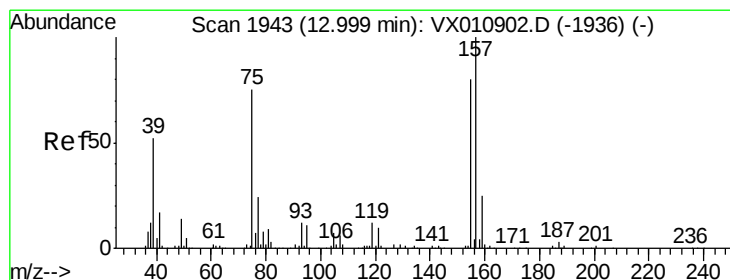
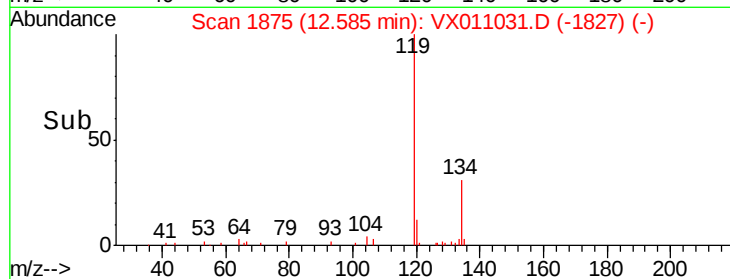
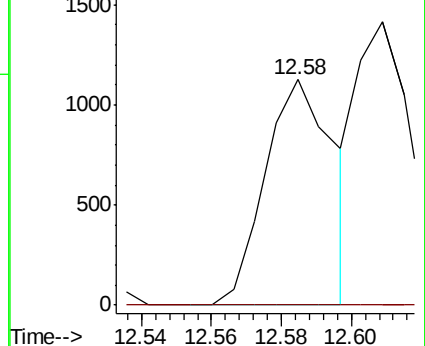
117 100

201 0.0 43.3 129.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.221 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX011031.D

Acq: 22 Jul 2019 15:26

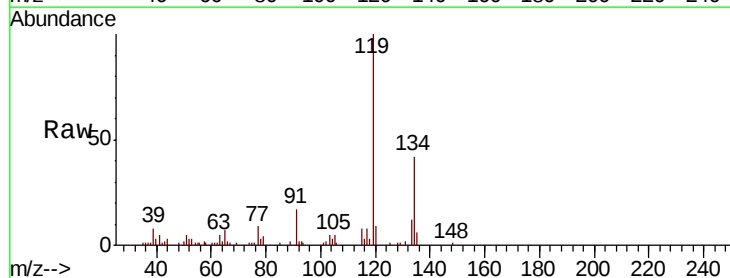
Tgt Ion: 75 Resp: 171

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

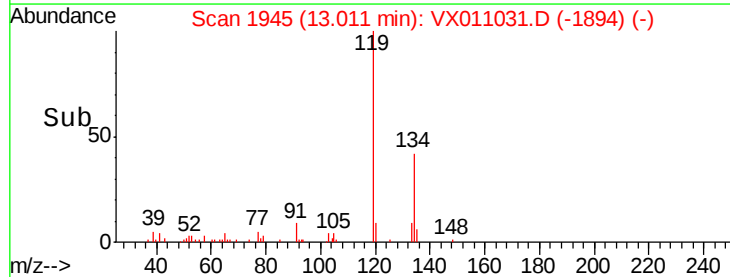
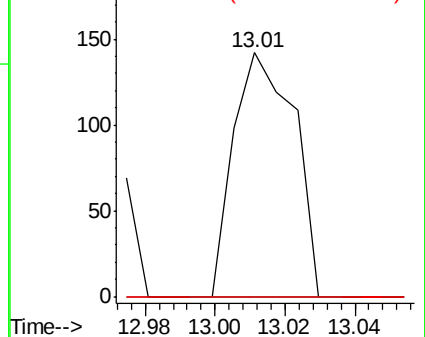
157 0.0 62.5 187.6#

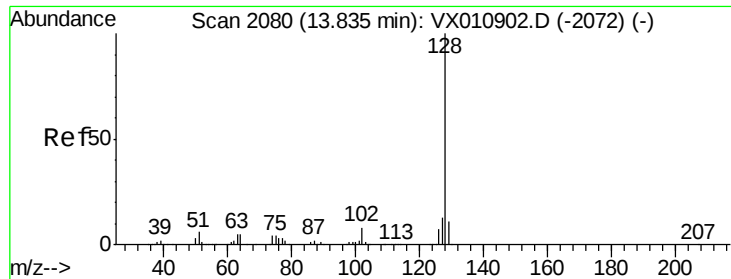


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

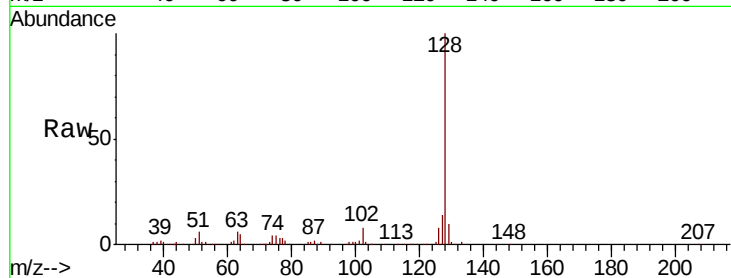




#95
Naphthalene
Concen: 4.523 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011031.D
Acq: 22 Jul 2019 15:26

Instrument :
MSVOA_X
ClientSampleId :
FL-0622DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.3	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

