

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072219\
 Data File : VX011039.D
 Acq On : 22 Jul 2019 18:33
 Operator : JC/SP
 Sample : K3884-20DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0620DL

Quant Time: Jul 23 03:46:08 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	212433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	332115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	321781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166895	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	113310	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
35) Dibromofluoromethane	5.49	113	101090	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
50) Toluene-d8	8.71	98	403725	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.13	95	159335	54.83	ug/l	0.00
Spiked Amount			Recovery	=	109.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	40	0.564	ug/l #	43
3) Chloromethane	1.32	50	466	0.239	ug/l #	42
5) Bromomethane	1.64	94	640	0.570	ug/l #	76
6) Chloroethane	1.73	64	294	0.232	ug/l #	53
11) Tert butyl alcohol	3.01	59	7000	13.300	ug/l #	73
13) Acrolein	2.30	56	88	0.289	ug/l	85
15) Acrylonitrile	3.17	53	887	0.834	ug/l #	35
16) Acetone	2.46	43	1185	1.161	ug/l	91
18) Methyl Acetate	2.83	43	4738	2.039	ug/l #	49
20) Methylene Chloride	2.85	84	826	0.382	ug/l #	76
25) 2-Butanone	4.69	43	1202	0.820	ug/l #	64
31) Cyclohexane	5.58	56	57355	18.692	ug/l	98
36) 1,1-Dichloropropene	5.66	75	14217	5.211	ug/l #	49
38) Carbon Tetrachloride	5.66	117	19830	6.976	ug/l #	17
39) Methylcyclohexane	7.46	83	47432	13.408	ug/l	99
48) Methyl methacrylate	7.73	41	2353	1.052	ug/l #	67
49) 1,4-Dioxane	7.69	88	19	0.304	ug/l #	50
52) Toluene	8.79	92	5933	1.081	ug/l	98
55) 1,1,2-Trichloroethane	9.16	97	2163	0.957	ug/l #	20
60) Dibromochloromethane	9.68	129	20	2.535	ug/l #	11
67) Ethyl Benzene	10.25	91	507382	45.103	ug/l	99
68) m/p-Xylenes	10.36	106	593519	137.541	ug/l	99
69) o-Xylene	10.69	106	316817	75.228	ug/l	97
70) Styrene	10.70	104	15860	2.259	ug/l #	1
73) Isopropylbenzene	11.02	105	46313	4.107	ug/l	100
76) 1,2,3-Trichloropropane	11.43	75	2375	0.789	ug/l #	1
78) n-propylbenzene	11.36	91	58137	4.666	ug/l	99
79) 2-Chlorotoluene	11.43	91	30427	4.065	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	100975	10.716	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	78881	65.055	ug/l #	11
82) 4-Chlorotoluene	11.51	91	10930	1.255	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.80	105	284351	29.939	ug/l	99
85) sec-Butylbenzene	11.80	105	284351	26.218	ug/l #	55
86) p-Isopropyltoluene	12.06	119	5733	0.572	ug/l	85

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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

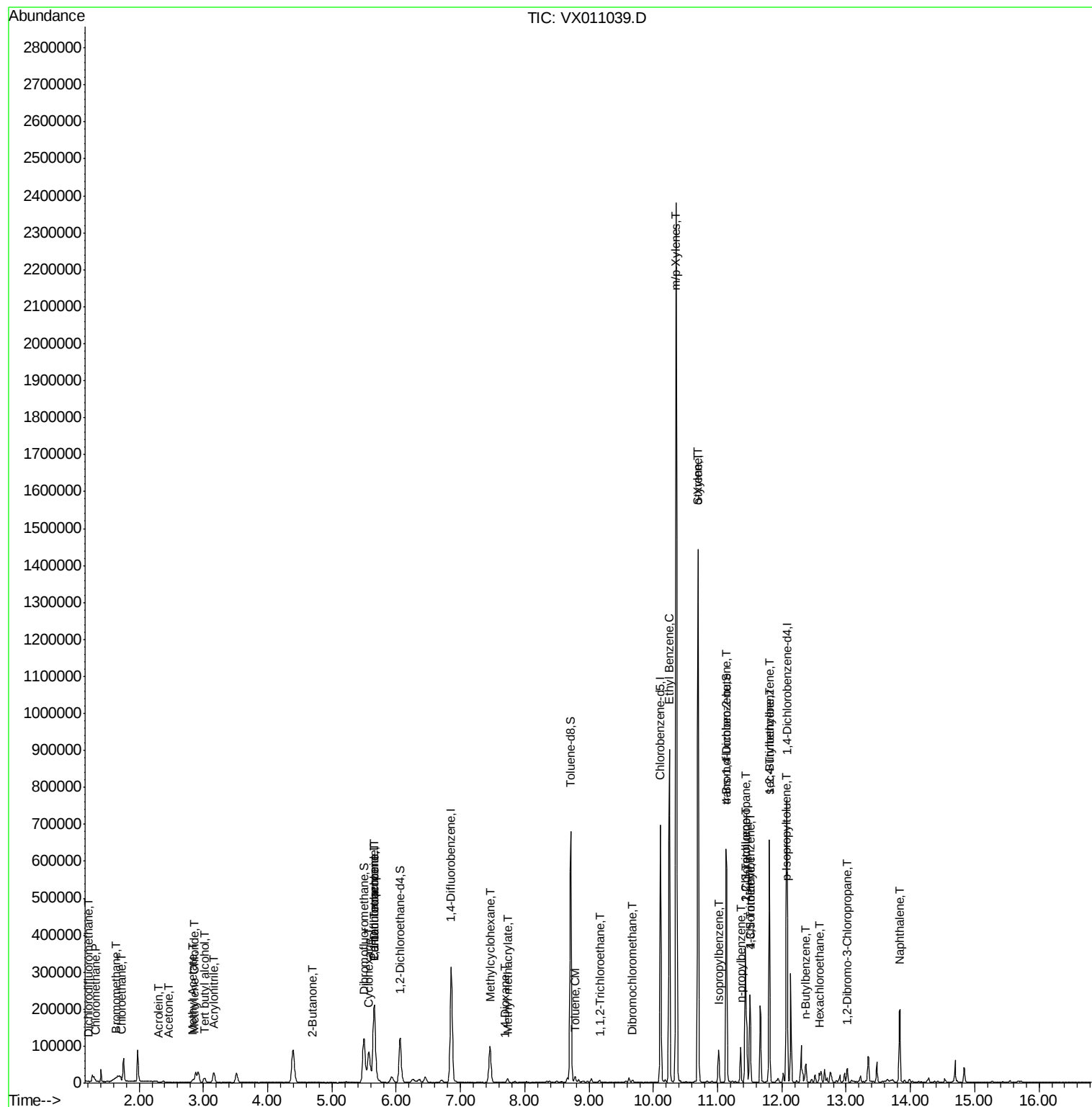
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	6719	0.783	ug/l #	22
90) Hexachloroethane	12.58	117	1224	0.774	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	194	0.251	ug/l #	1
95) Naphthalene	13.83	128	126531	11.818	ug/l	99

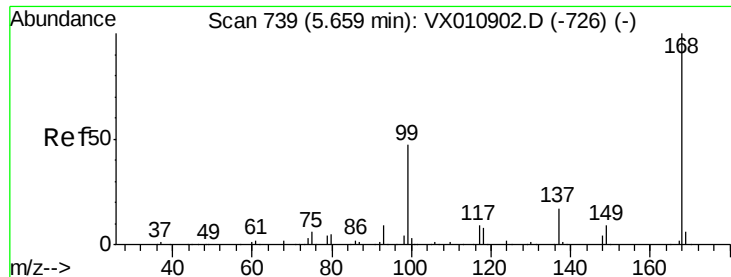
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampled :

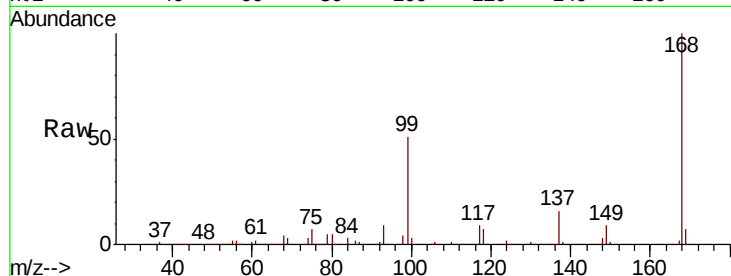
FL-0620DL

Tot Ion:168 Resp: 212433

Ion Ratio Lower Upper

168 100

99 51.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

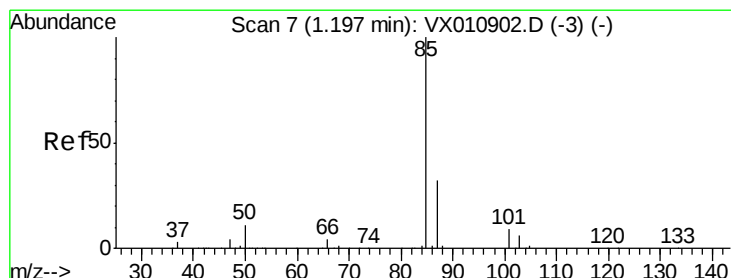
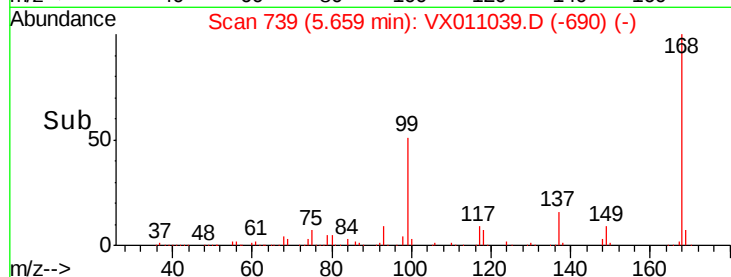
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.564 ug/l

RT: 1.21 min Scan# 9

Delta R.T. 0.01 min

Lab File: VX011039.D

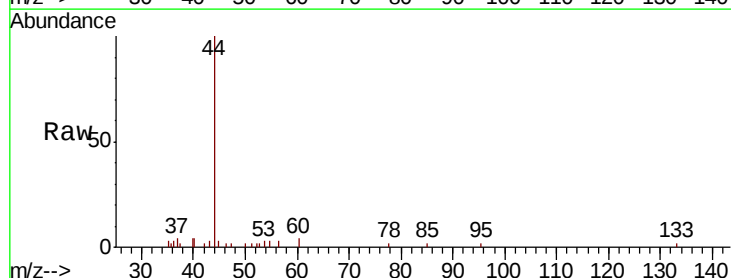
Acq: 22 Jul 2019 18:33

Tgt Ion: 85 Resp: 40

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

1.21

60

50

40

30

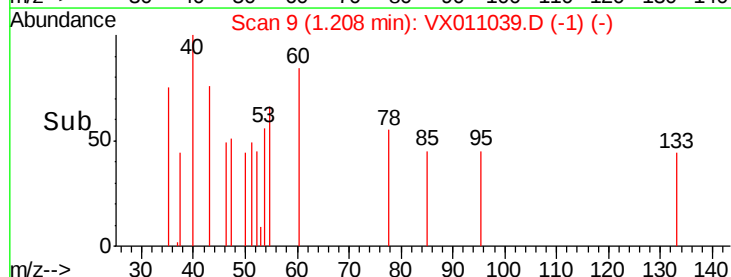
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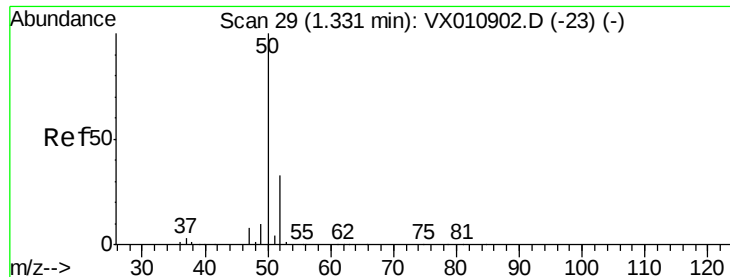
10

0

Time-->

1.20 1.22





#3

Chloromethane

Concen: 0.239 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampled :

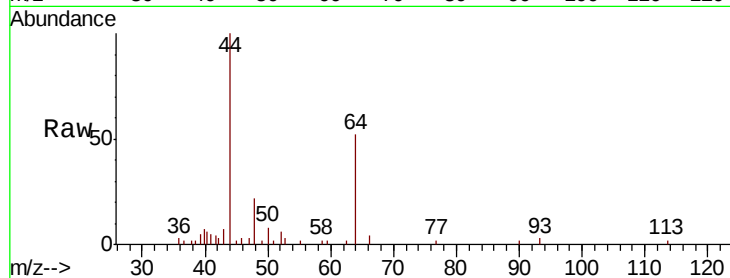
FL-0620DL

Tot Ion: 50 Resp: 466

Ion Ratio Lower Upper

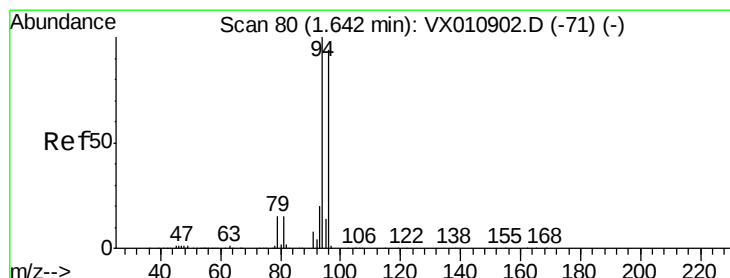
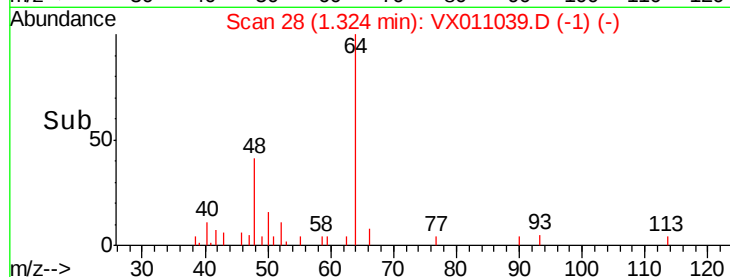
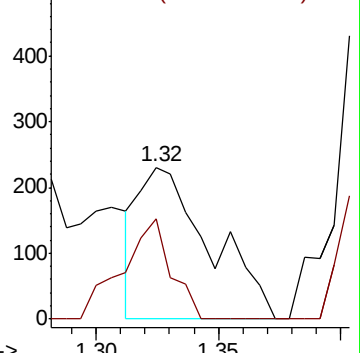
50 100

52 65.8 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: 0.570 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011039.D

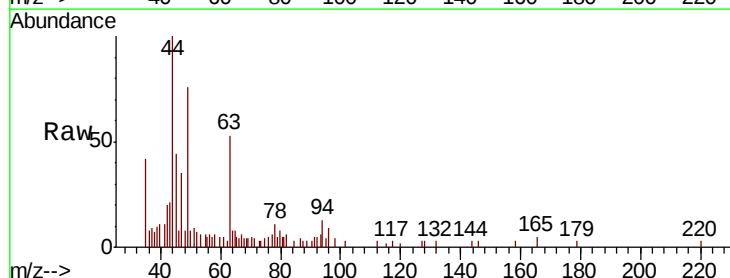
Acq: 22 Jul 2019 18:33

Tgt Ion: 94 Resp: 640

Ion Ratio Lower Upper

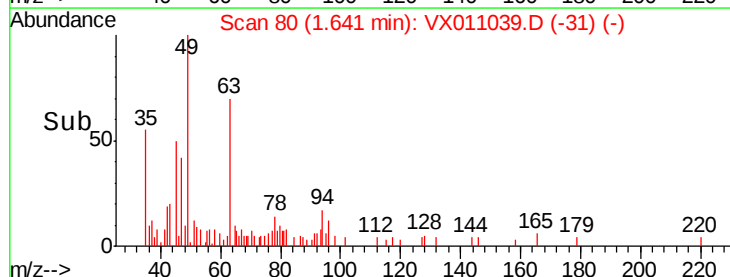
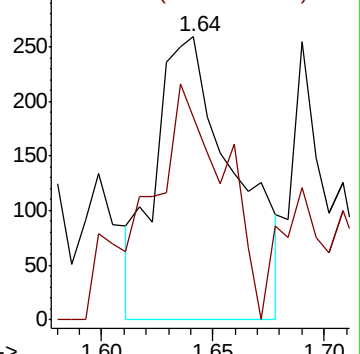
94 100

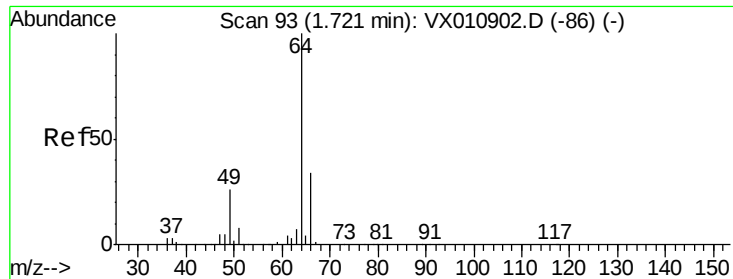
96 71.1 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.232 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

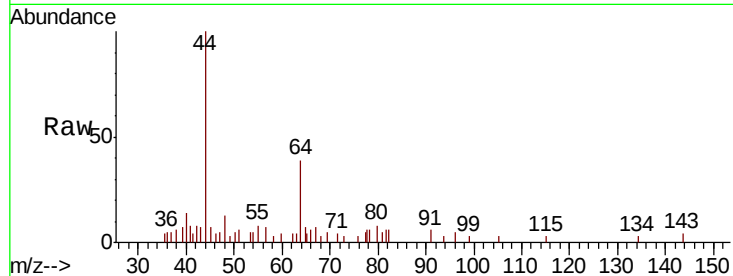
FL-0620DL

Tot Ion: 64 Resp: 294

Ion Ratio Lower Upper

64 100

66 6.8 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

600

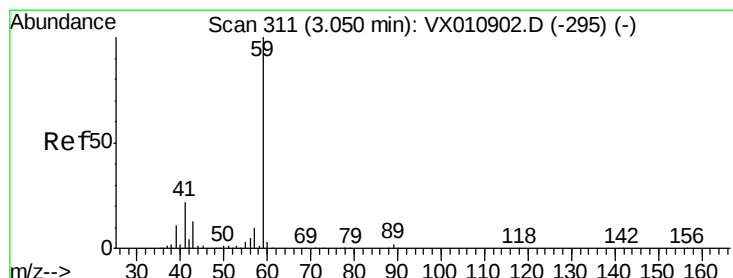
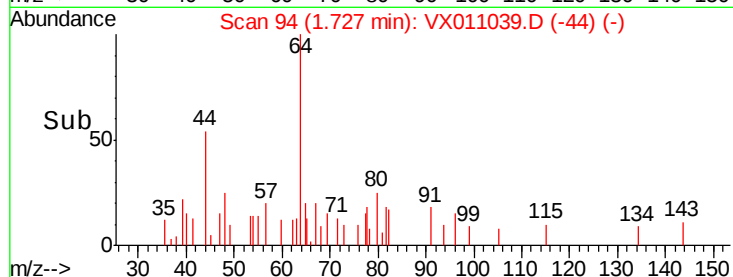
400

200

0

1.70 1.72 1.74

Time-->



#11

Tert butyl alcohol

Concen: 13.300 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX011039.D

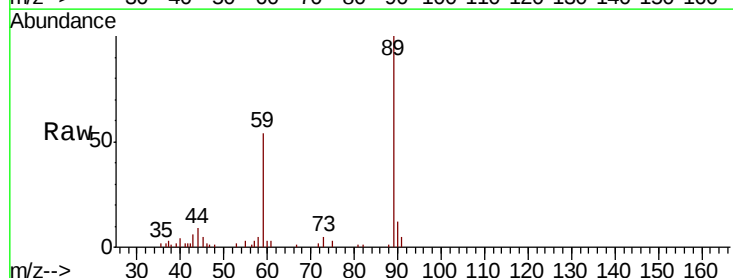
Acq: 22 Jul 2019 18:33

Tgt Ion: 59 Resp: 7000

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

8000

6000

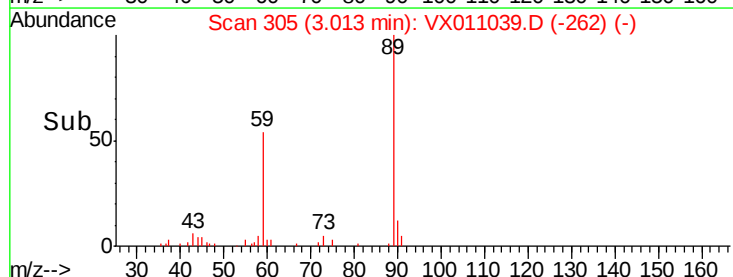
4000

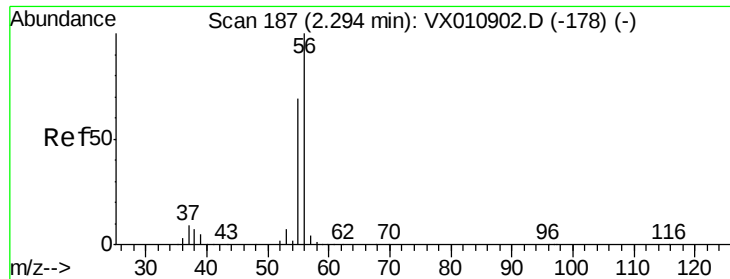
2000

0

2.90 3.00 3.10

Time-->





#13

Acrolein

Concen: 0.289 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampled :

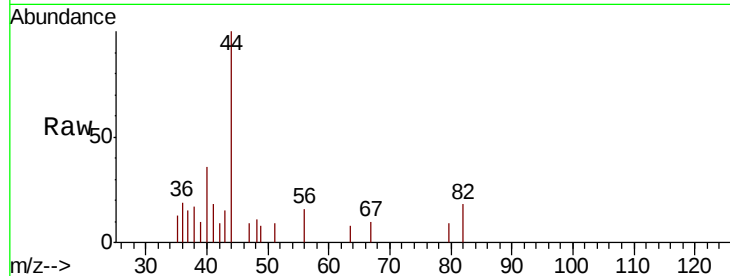
FL-0620DL

Tot Ion: 56 Resp: 88

Ion Ratio Lower Upper

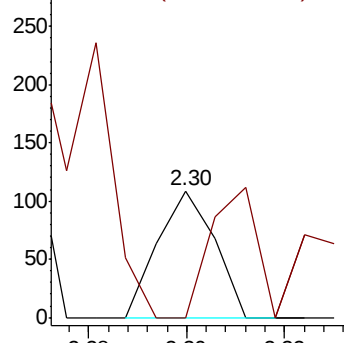
56 100

55 81.8 55.9 83.9

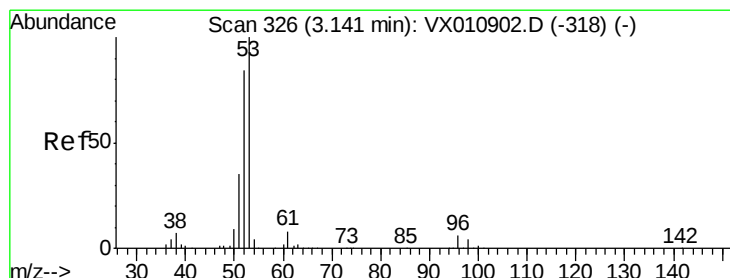
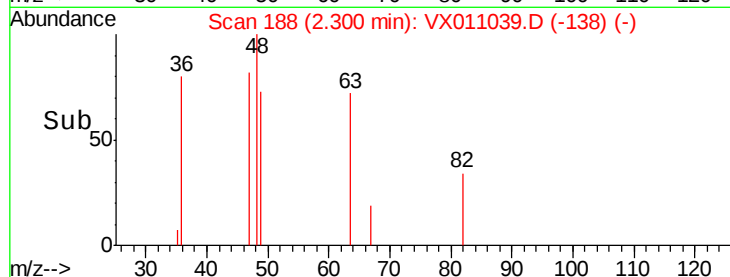


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#15

Acrylonitrile

Concen: 0.834 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

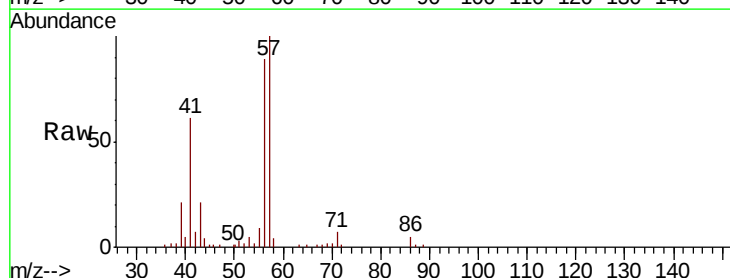
Tgt Ion: 53 Resp: 887

Ion Ratio Lower Upper

53 100

52 29.1 66.5 99.7#

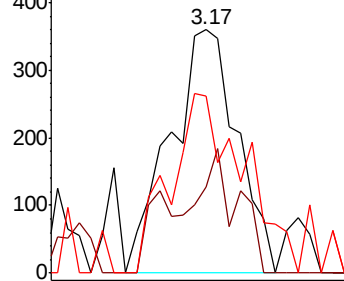
51 80.9 28.2 42.4#



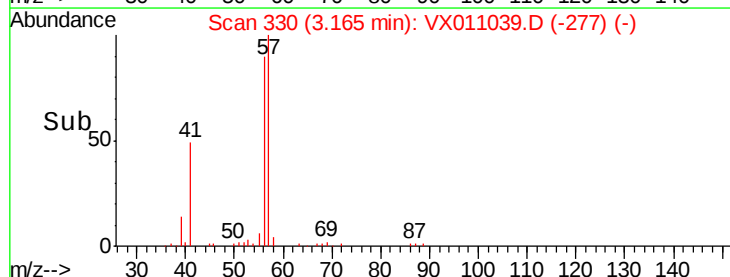
Abundance Ion 53.00 (52.70 to 53.70): VX0

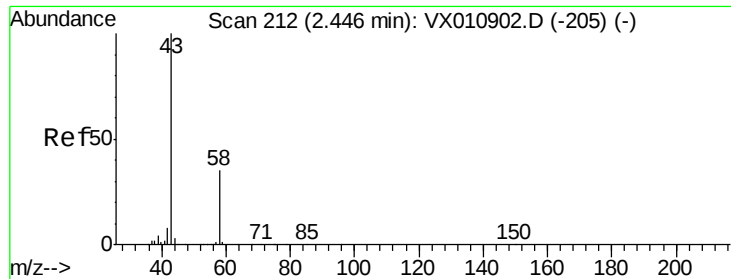
Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->





#16

Acetone

Concen: 1.161 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampled :

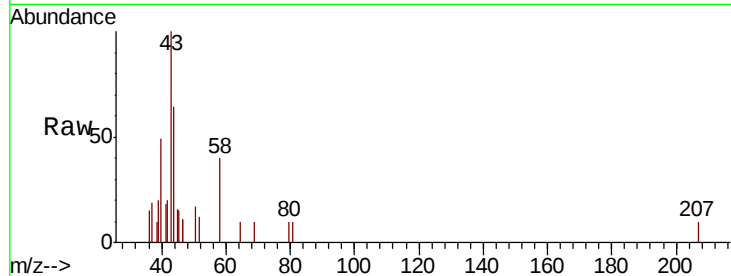
FL-0620DL

Tot Ion: 43 Resp: 1185

Ion Ratio Lower Upper

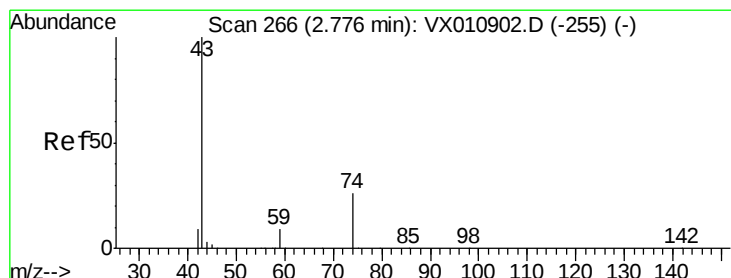
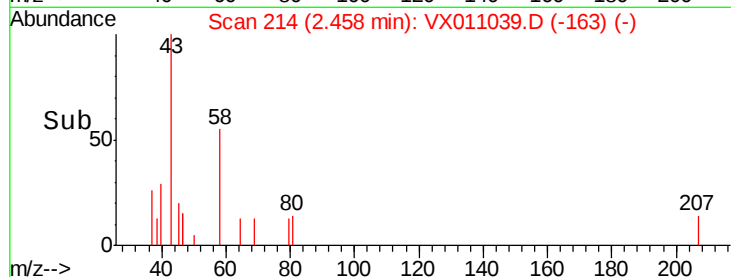
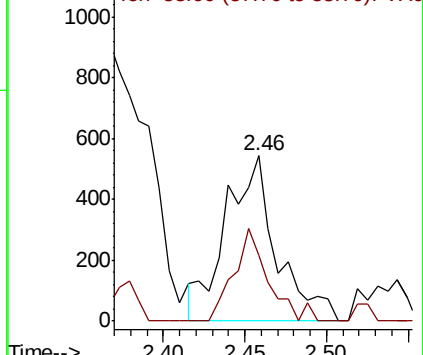
43 100

58 40.0 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: 2.039 ug/l

RT: 2.83 min Scan# 275

Delta R.T. 0.05 min

Lab File: VX011039.D

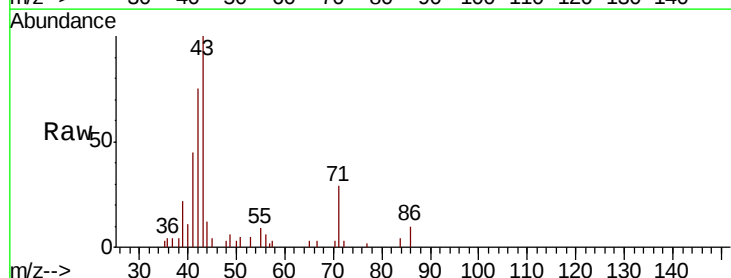
Acq: 22 Jul 2019 18:33

Tgt Ion: 43 Resp: 4738

Ion Ratio Lower Upper

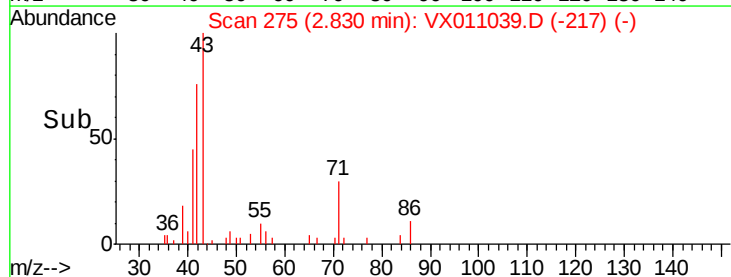
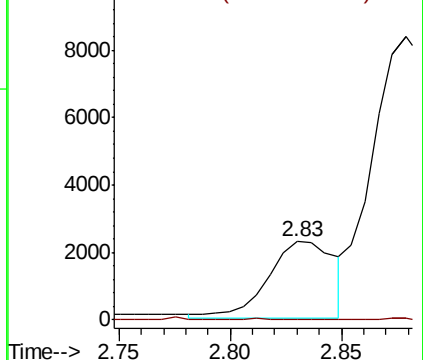
43 100

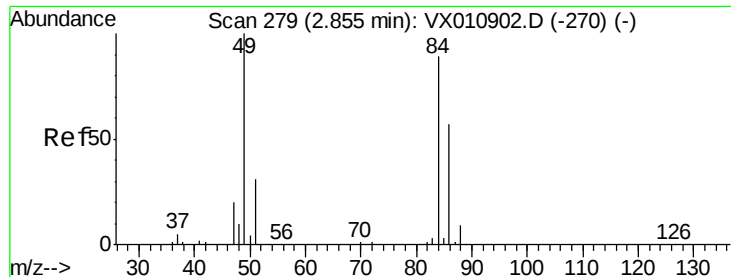
74 0.5 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

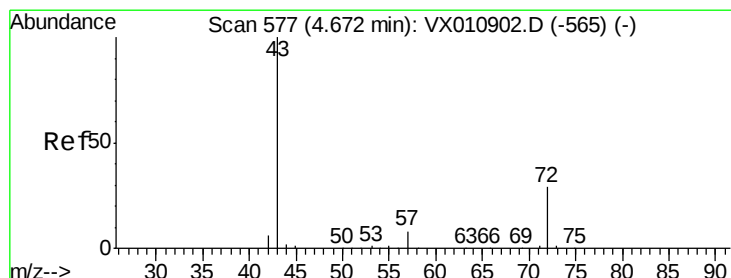
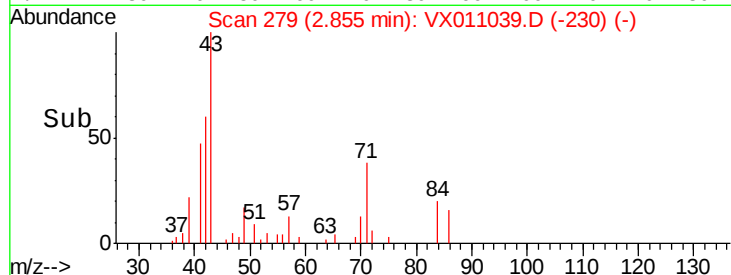
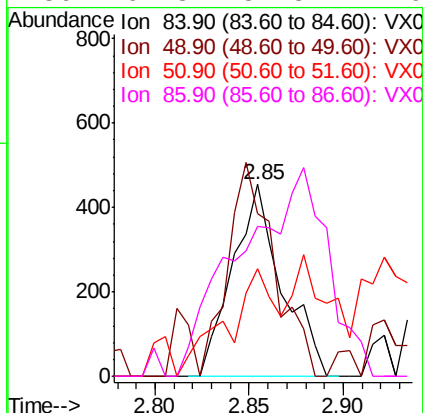
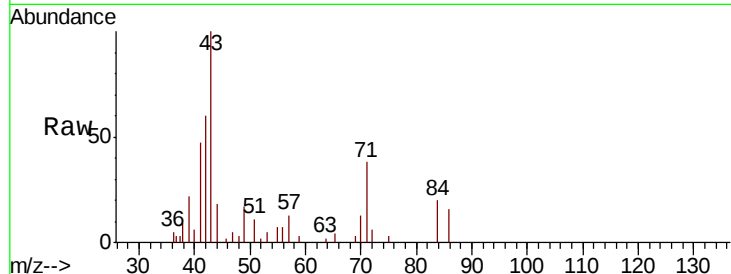




#20
Methvlene Chloride
Concen: 0.382 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

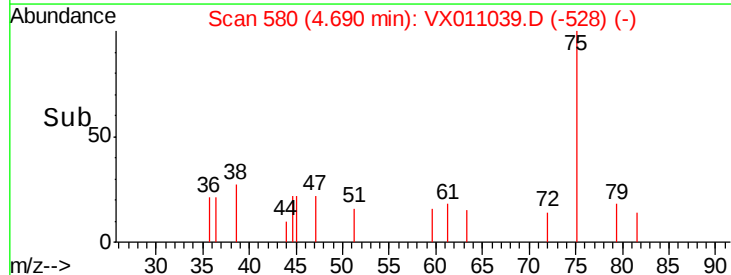
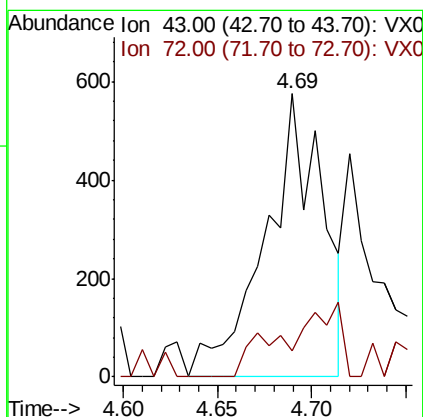
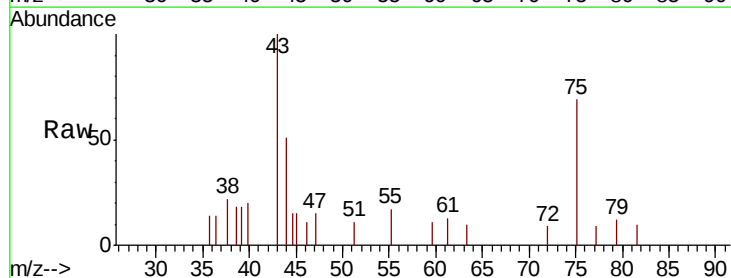
Instrument :
MSVOA_X
ClientSampleId :
FL-0620DL

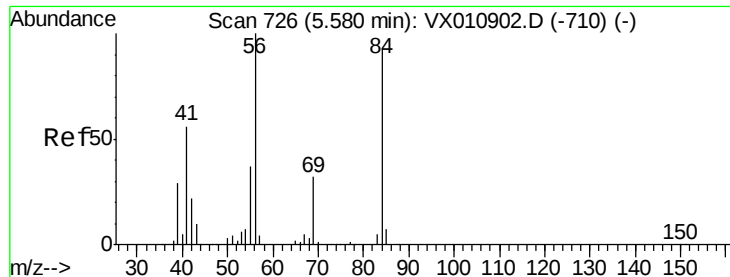
Tot Ion: 84 Resp: 826
Ion Ratio Lower Upper
84 100
49 72.0 89.9 134.9#
51 45.2 27.8 41.6#
86 62.3 51.8 77.6



#25
2-Butanone
Concen: 0.820 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
72 9.4 23.0 34.6#

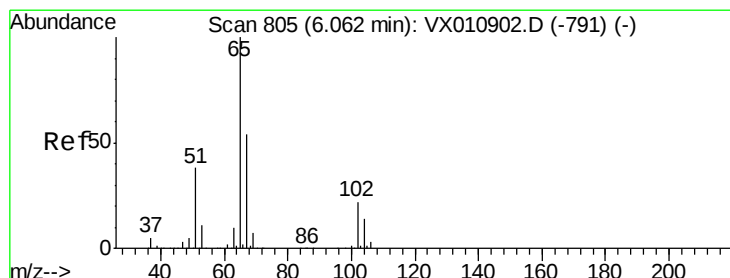
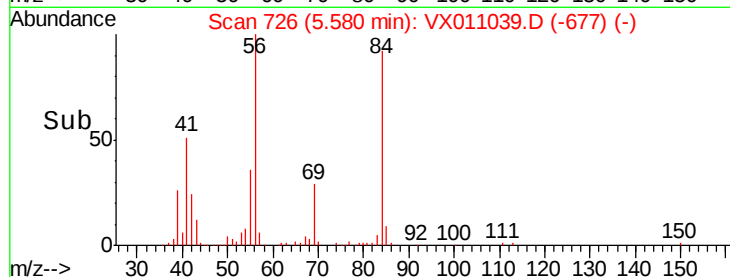
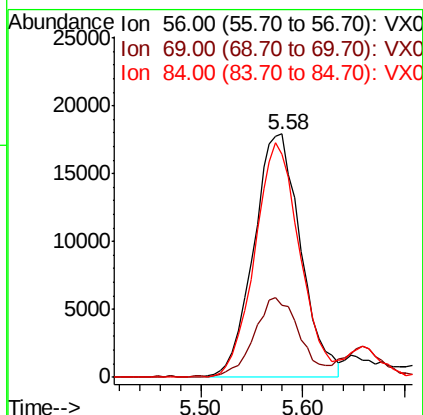
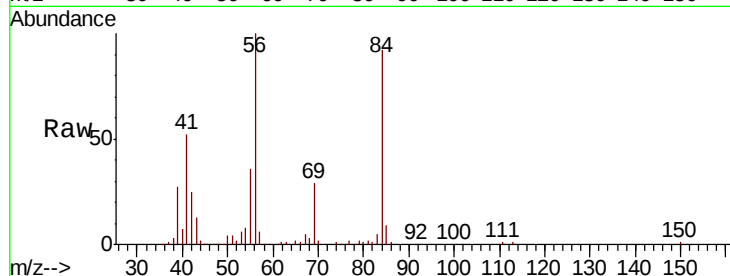




#31
Cyclohexane
Concen: 18.692 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

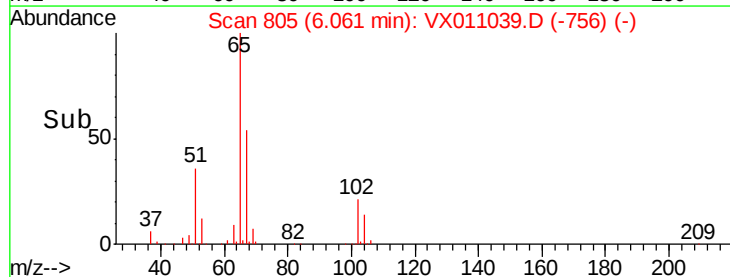
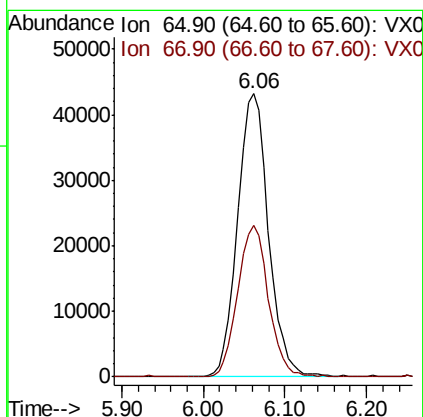
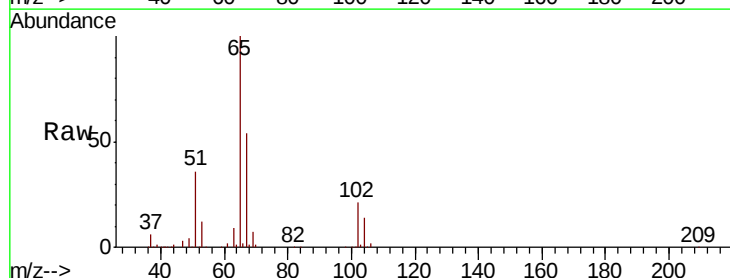
Instrument :
MSVOA_X
ClientSampleId :
FL-0620DL

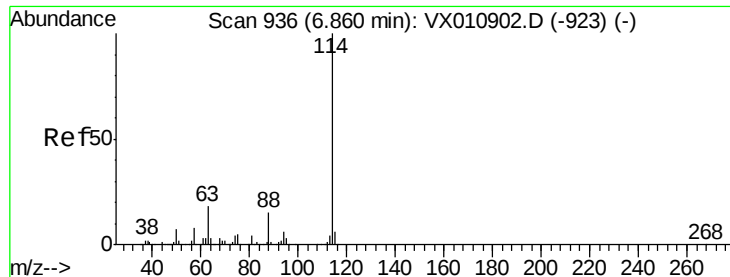
Tot Ion: 56 Resp: 57355
Ion Ratio Lower Upper
56 100
69 29.4 25.8 38.8
84 91.6 73.8 110.6



#33
1,2-Dichloroethane-d4
Concen: 50.138 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 65 Resp: 113310
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.8

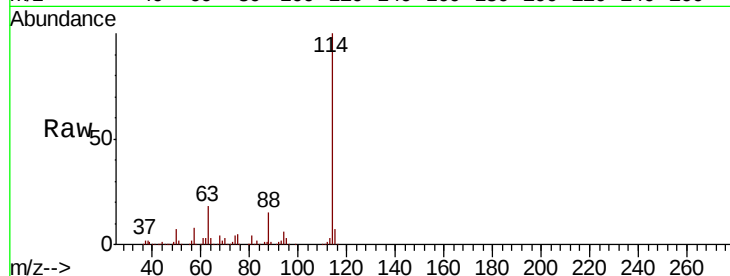




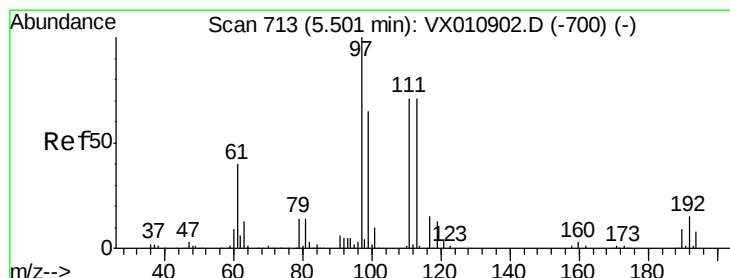
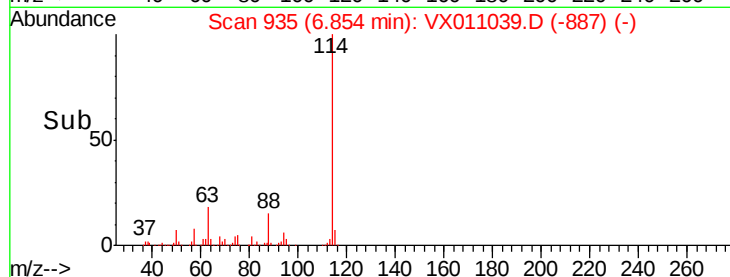
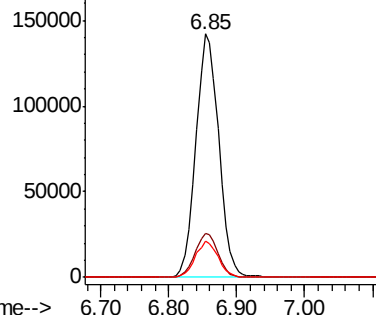
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_X
ClientSampleId :
FL-0620DL

Tot Ion:114 Resp: 332115
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.6
88 14.7 0.0 29.8

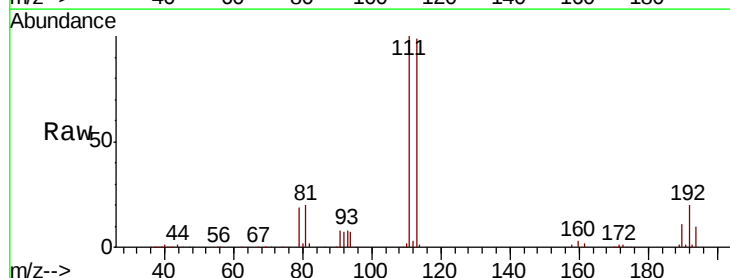


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

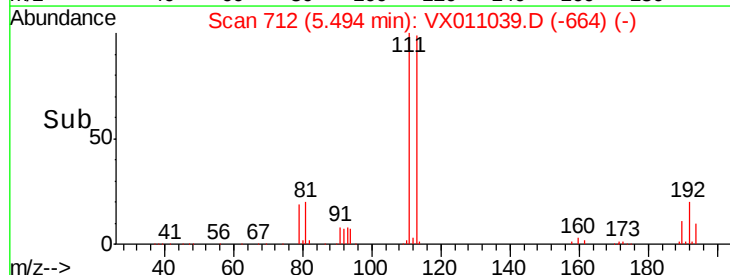
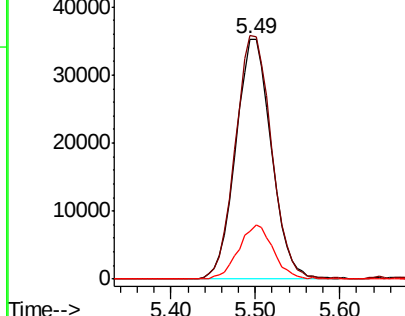


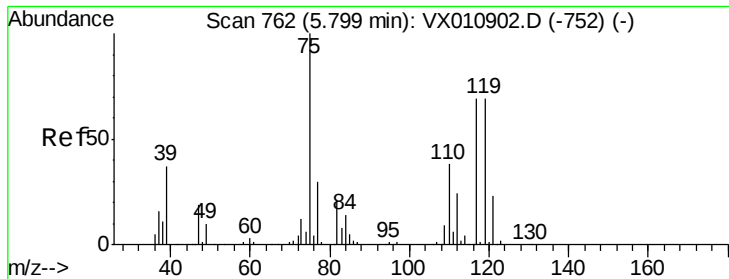
#35
Dibromofluoromethane
Concen: 47.955 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

Tgt Ion:113 Resp: 101090
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 21.9 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: 5.211 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0620DL

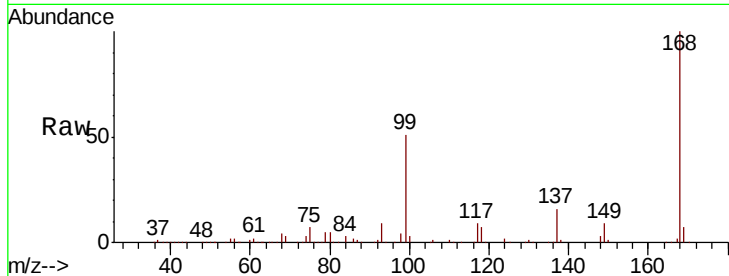
Tot Ion: 75 Resp: 14217

Ion Ratio Lower Upper

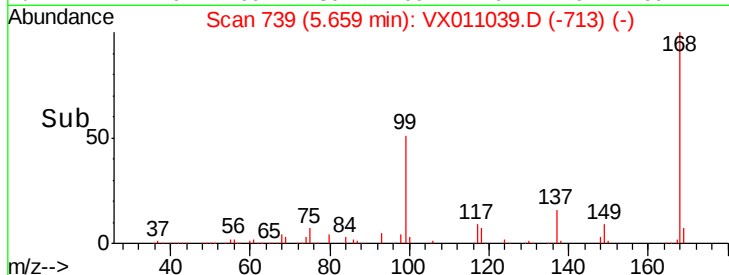
75 100

110 11.4 19.9 59.7#

77 0.0 25.0 37.4#



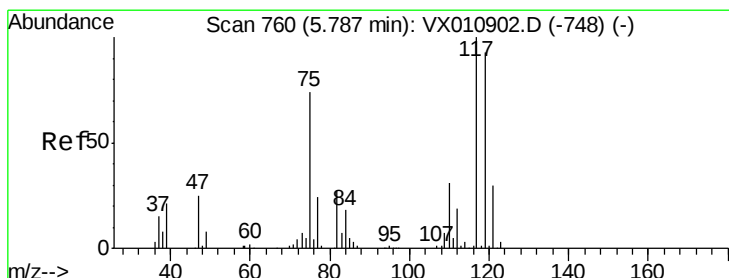
Abundance Ion 74.90 (74.60 to 75.60): VX011039.D (-713) (-)



Ion 109.90 (109.60 to 110.60): VX011039.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX011039.D (-713) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.976 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

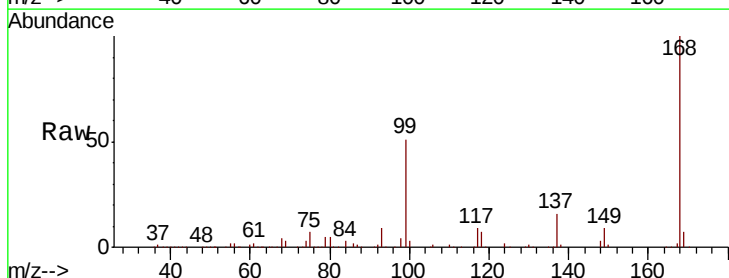
Tgt Ion: 117 Resp: 19830

Ion Ratio Lower Upper

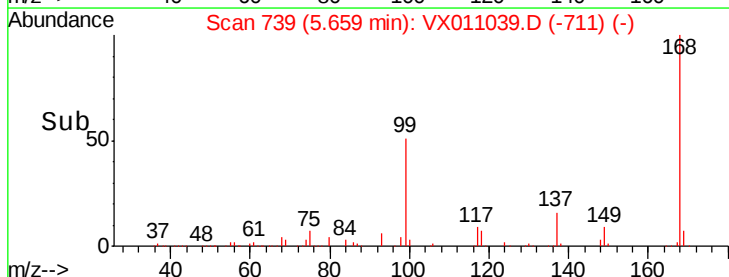
117 100

119 4.0 74.2 111.2#

121 0.0 24.2 36.2#



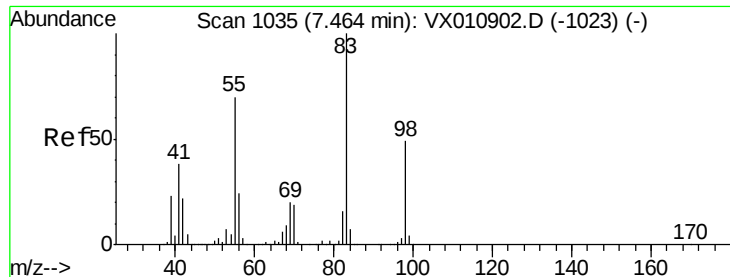
Abundance Ion 116.80 (116.50 to 117.50): VX011039.D (-711) (-)



Ion 118.80 (118.50 to 119.50): VX011039.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX011039.D (-711) (-)

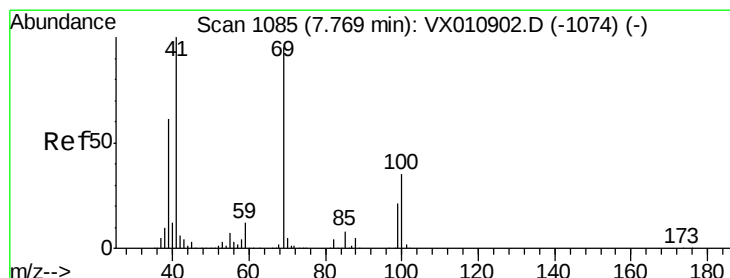
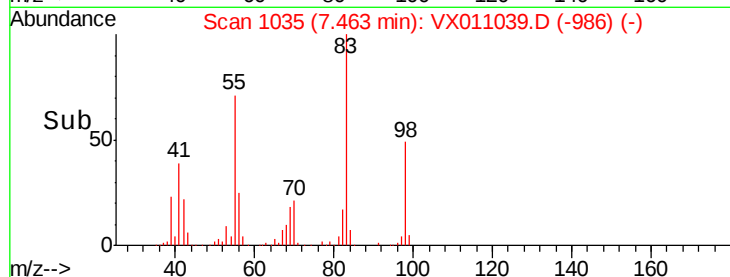
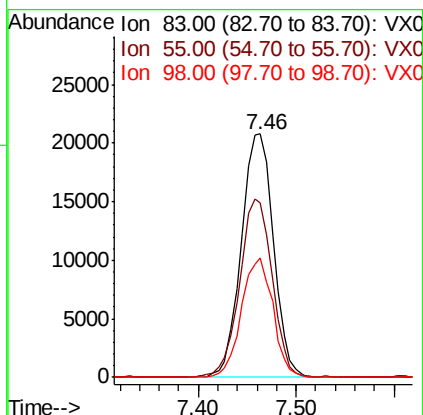
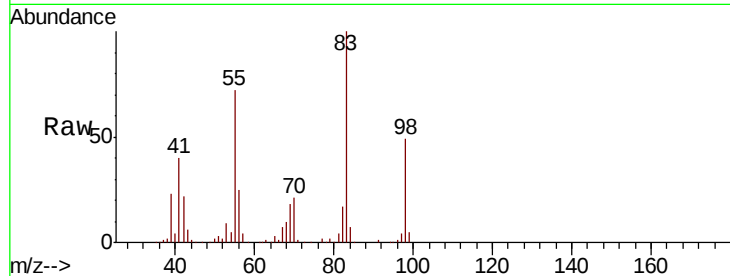
Time-->



#39
Methvlcvclohexane
Concen: 13.408 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

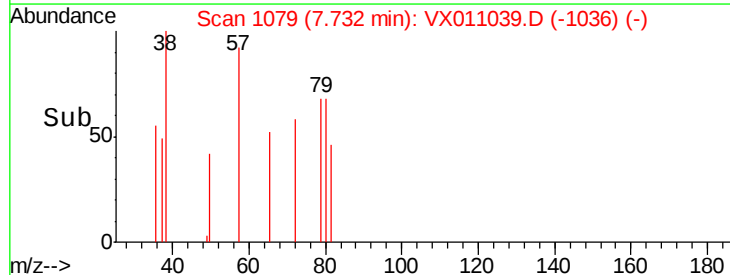
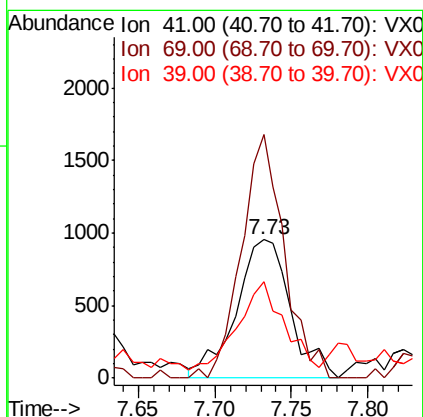
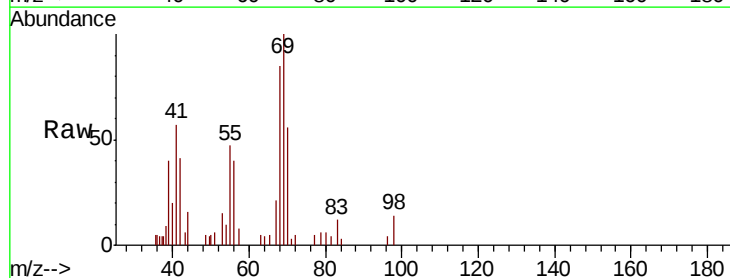
Instrument :
MSVOA_X
ClientSampleId :
FL-0620DL

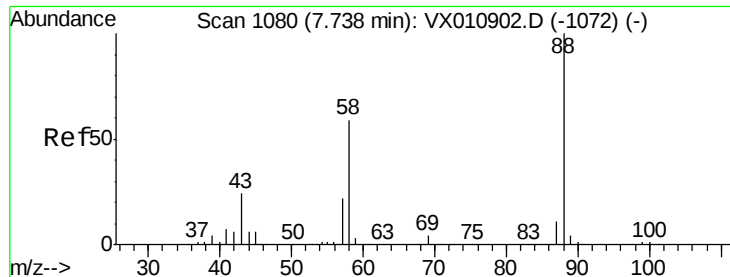
Tot Ion: 83 Resp: 47432
Ion Ratio Lower Upper
83 100
55 71.8 56.2 84.4
98 49.1 39.0 58.4



#48
Methyl methacrylate
Concen: 1.052 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 41 Resp: 2353
Ion Ratio Lower Upper
41 100
69 138.5 74.4 111.6#
39 52.7 48.9 73.3

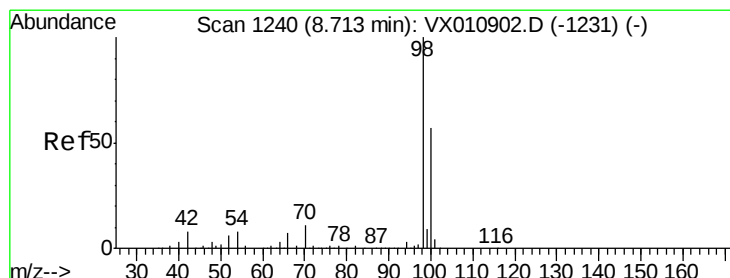
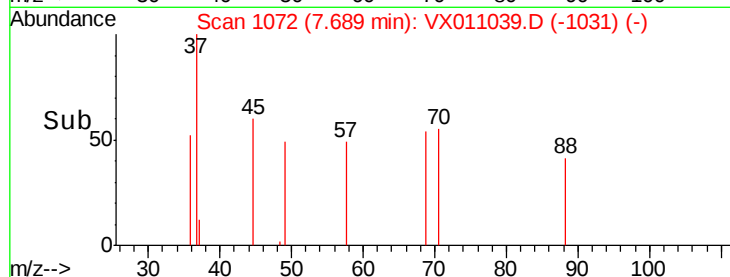
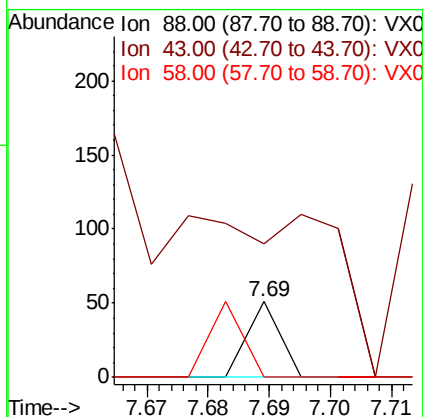
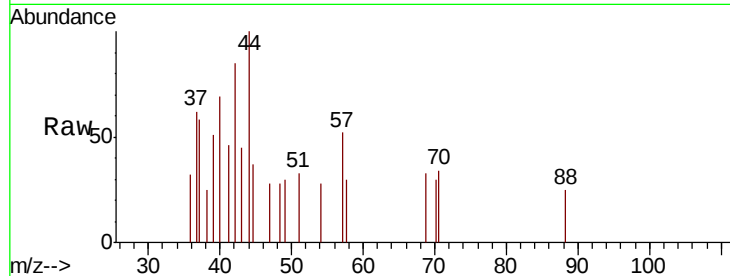




#49
 1,4-Dioxane
 Concen: 0.304 ug/l
 RT: 7.69 min Scan# 1072
 Delta R.T. -0.05 min
 Lab File: VX011039.D
 Acq: 22 Jul 2019 18:33

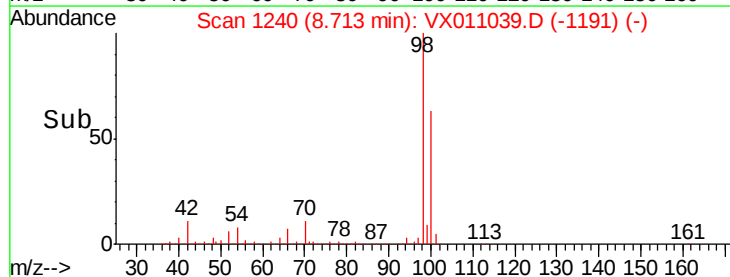
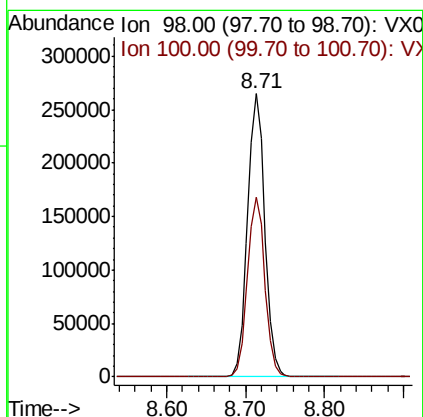
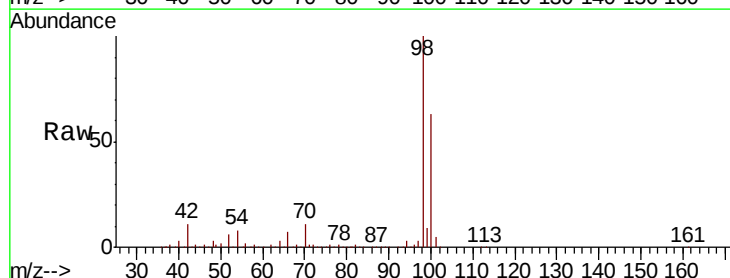
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0620DL

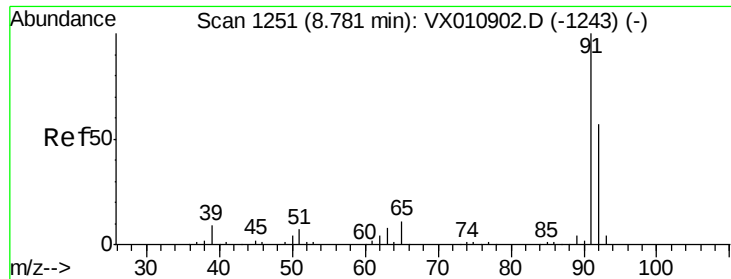
Tot Ion: 88 Resp: 19
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.9 34.3#
 58 100.0 49.8 74.8#



#50
 Toluene-d8
 Concen: 51.063 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011039.D
 Acq: 22 Jul 2019 18:33

Tgt Ion: 98 Resp: 403725
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.6 75.8





#52

Toluene

Concen: 1.081 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

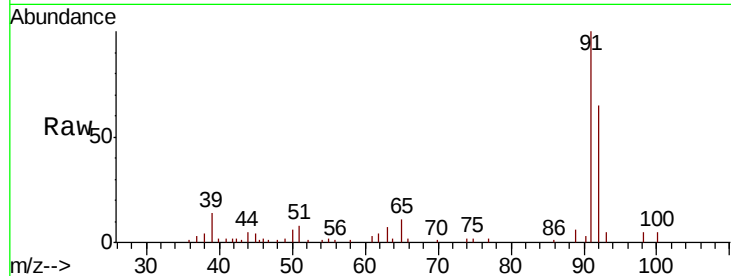
FL-0620DL

Tot Ion: 92 Resp: 5933

Ion Ratio Lower Upper

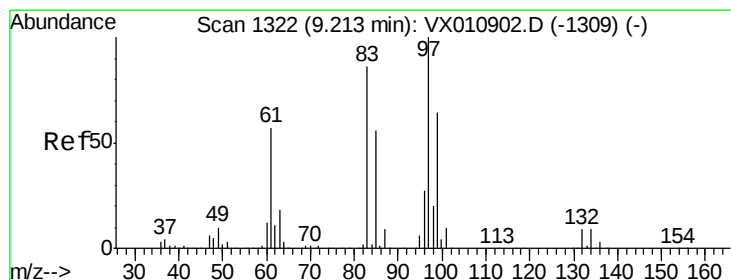
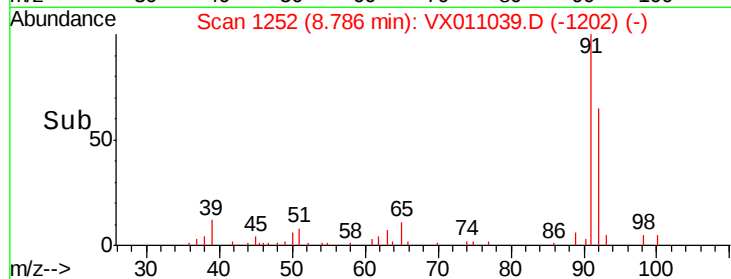
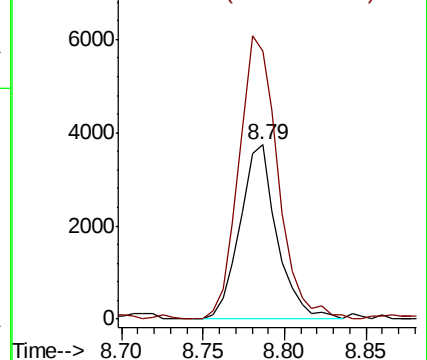
92 100

91 170.7 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.957 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.06 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Tgt Ion: 97 Resp: 2163

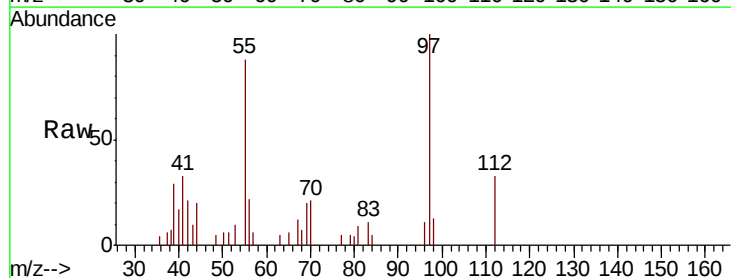
Ion Ratio Lower Upper

97 100

83 11.2 69.2 103.8#

85 0.0 44.6 66.8#

99 0.0 51.2 76.8#

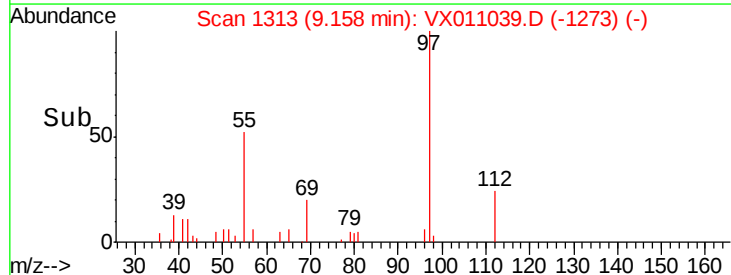
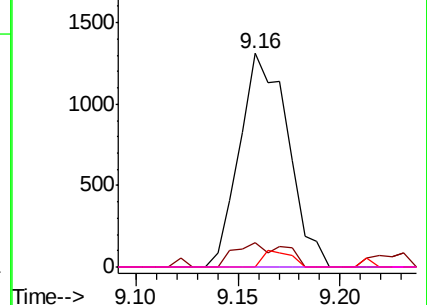


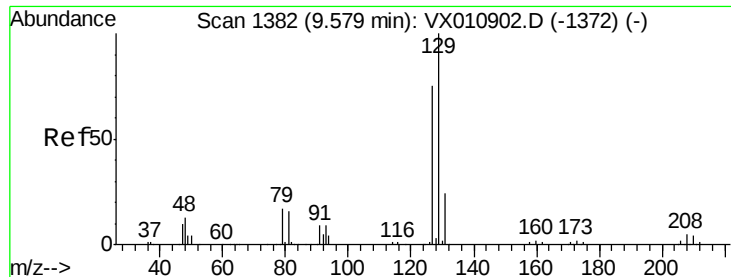
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#60

Dibromochloromethane

Concen: 2.535 ug/l

RT: 9.68 min Scan# 1399

Delta R.T. 0.10 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

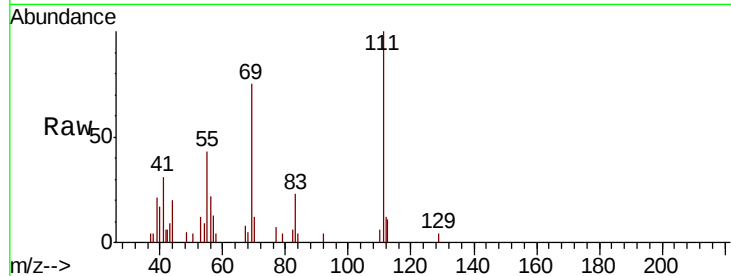
FL-0620DL

Tot Ion:129 Resp: 20

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

60

50

40

30

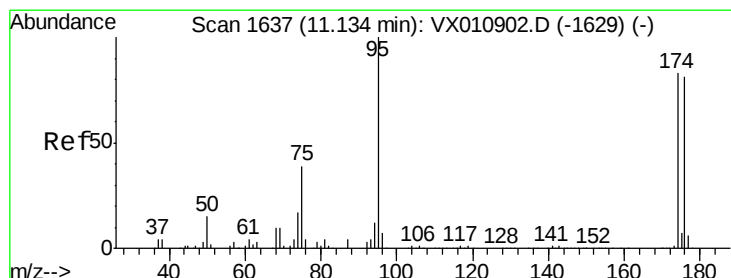
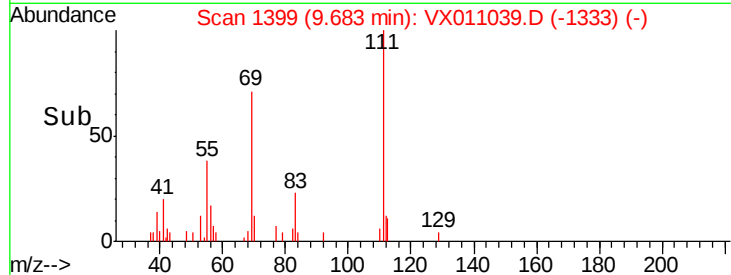
20

10

0

9.66 9.67 9.68 9.69 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 54.827 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

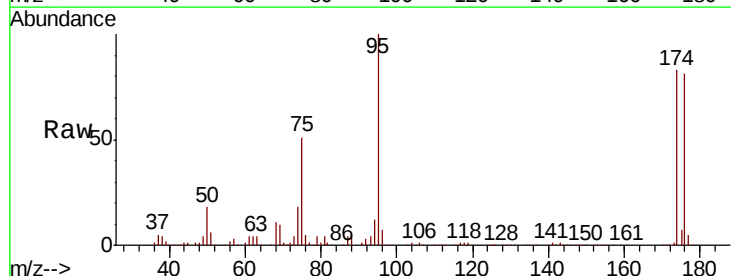
Tgt Ion: 95 Resp: 159335

Ion Ratio Lower Upper

95 100

174 89.6 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

150000

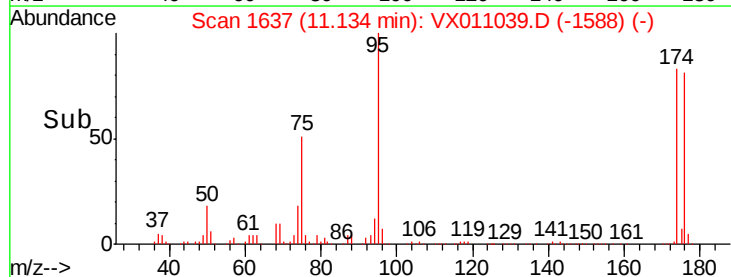
100000

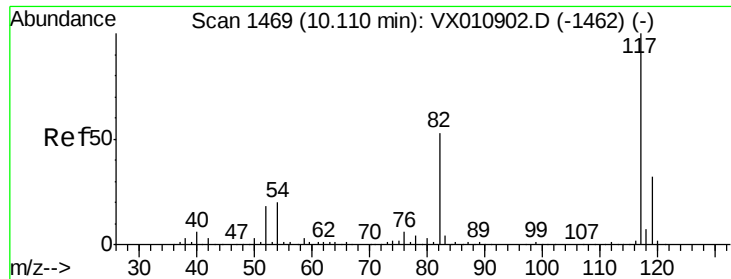
50000

0

11.10 11.13 11.20

Time-->

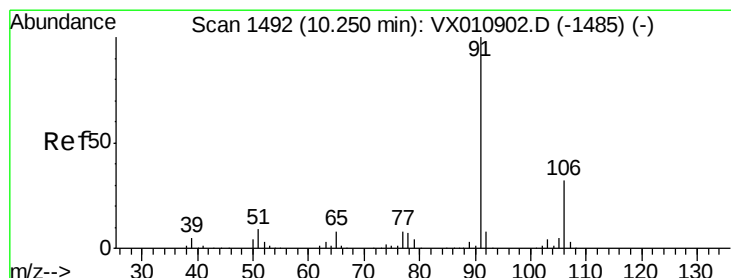
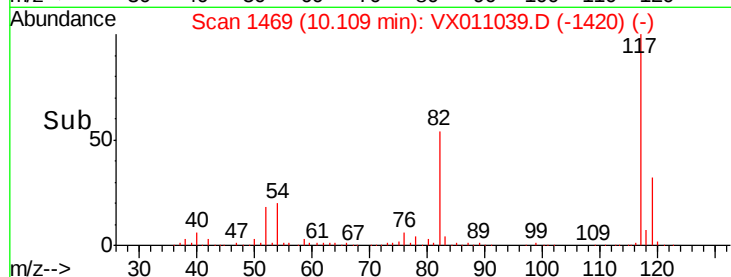
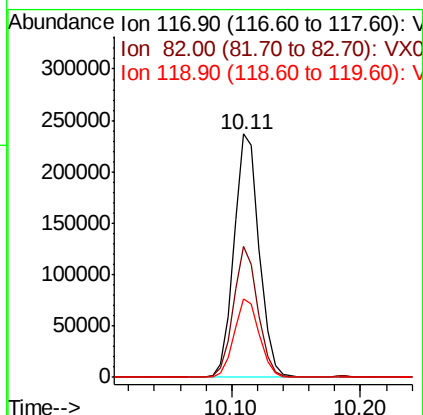
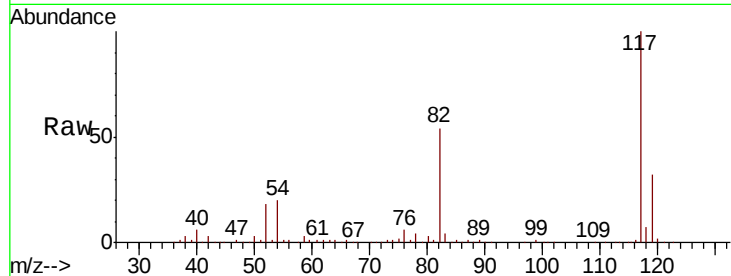




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

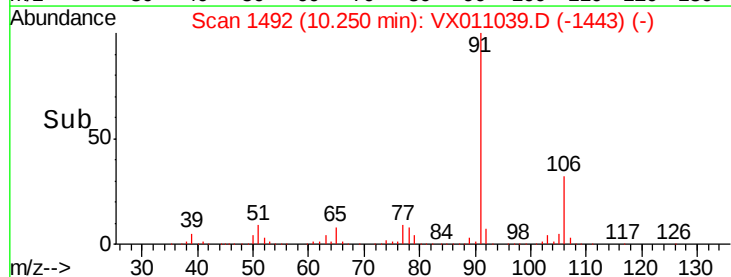
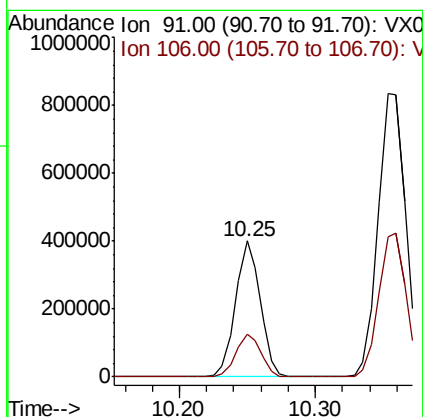
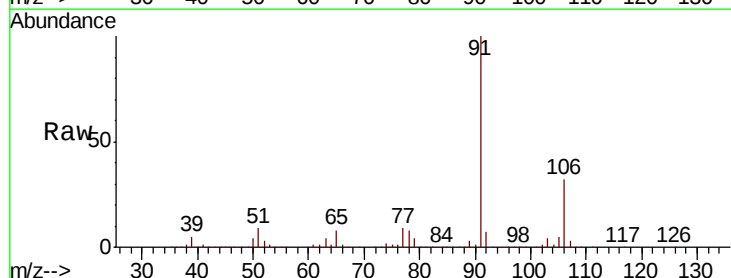
Instrument :
MSVOA_X
ClientSampleId :
FL-0620DL

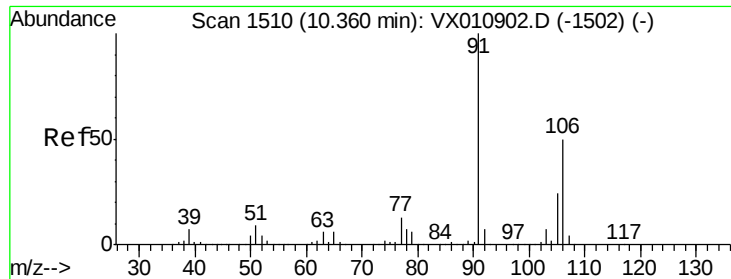
Tot Ion:117 Resp: 321781
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 32.2 25.9 38.9



#67
Ethyl Benzene
Concen: 45.103 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 91 Resp: 507382
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

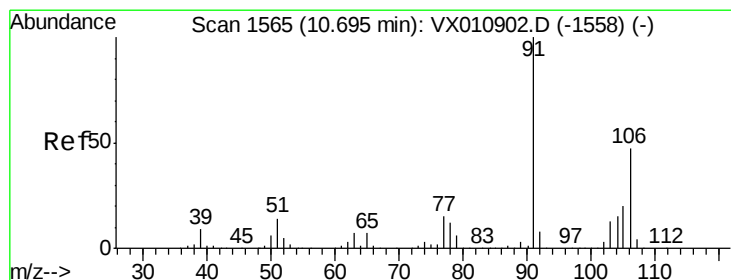
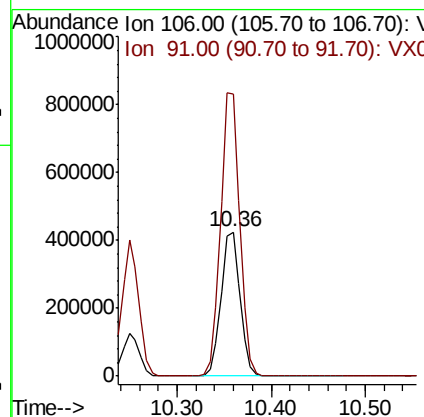
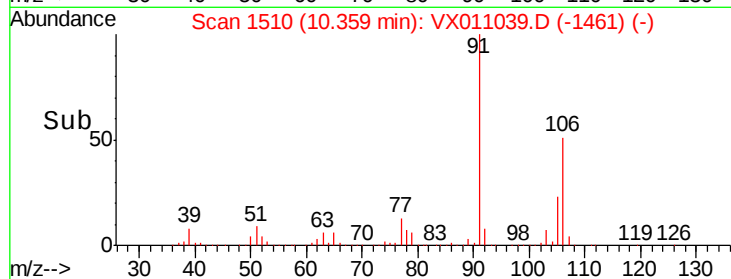
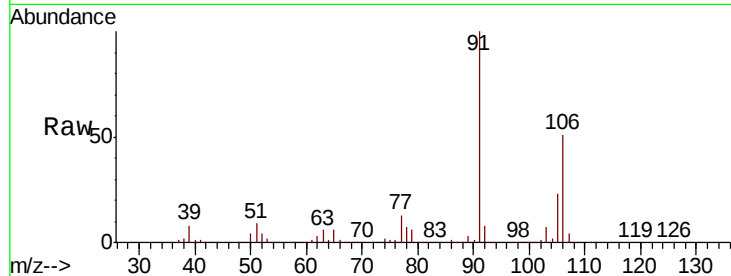




#68
m/p-Xylenes
Concen: 137.541 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

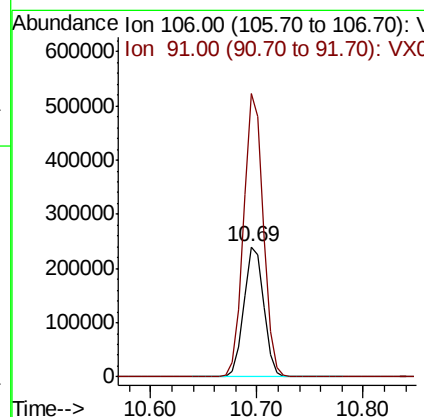
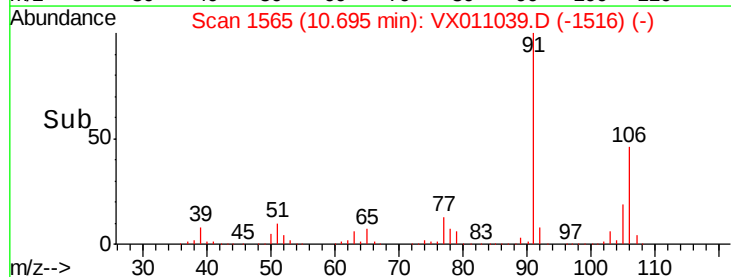
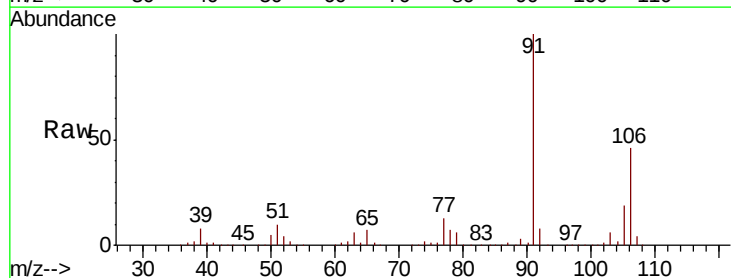
Instrument :
MSVOA_X
ClientSampleId :
FL-0620DL

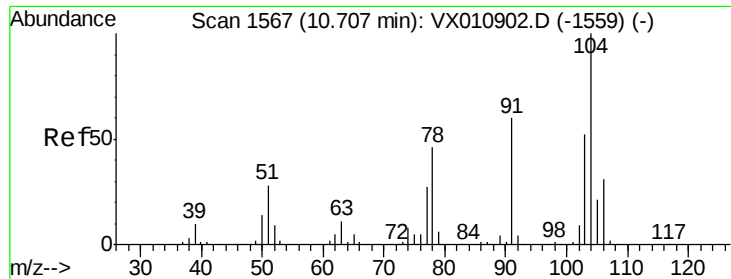
Tot Ion:106 Resp: 593519
Ion Ratio Lower Upper
106 100
91 198.4 160.1 240.1



#69
o-Xylene
Concen: 75.228 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

Tgt Ion:106 Resp: 316817
Ion Ratio Lower Upper
106 100
91 214.3 105.1 315.3

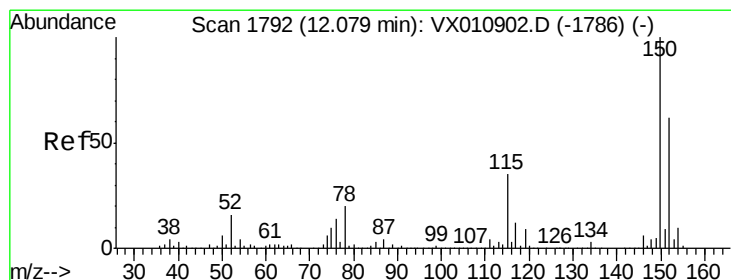
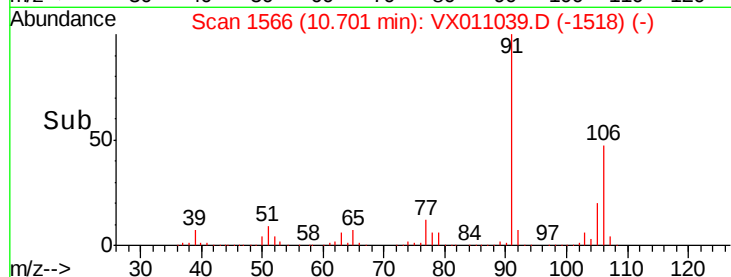
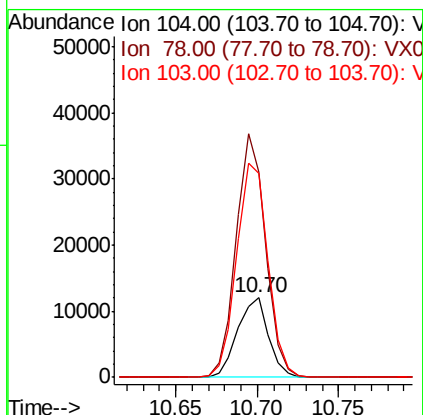
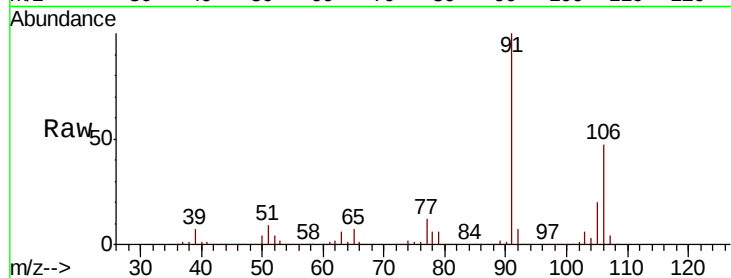




#70
Stvrene
Concen: 2.259 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

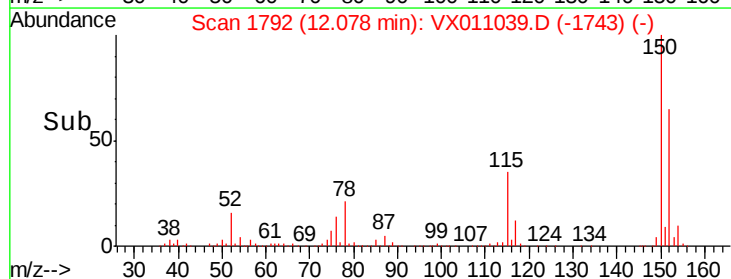
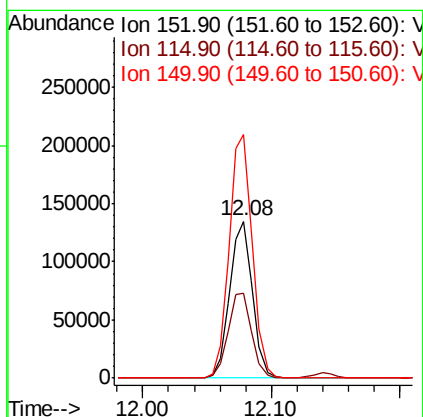
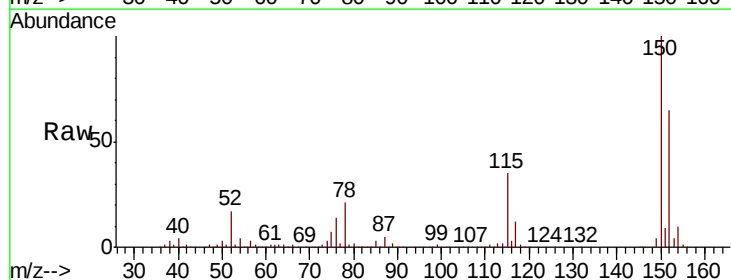
Instrument :
MSVOA_X
ClientSampled :
FL-0620DL

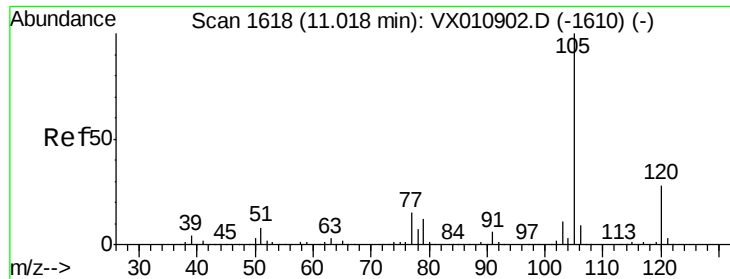
Tot Ion:104 Resp: 15860
Ion Ratio Lower Upper
104 100
78 292.6 38.8 58.2#
103 274.0 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

Tgt Ion:152 Resp: 166895
Ion Ratio Lower Upper
152 100
115 56.2 39.7 119.1
150 158.0 0.0 345.6





#73

Isopropylbenzene

Concen: 4.107 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampleID :

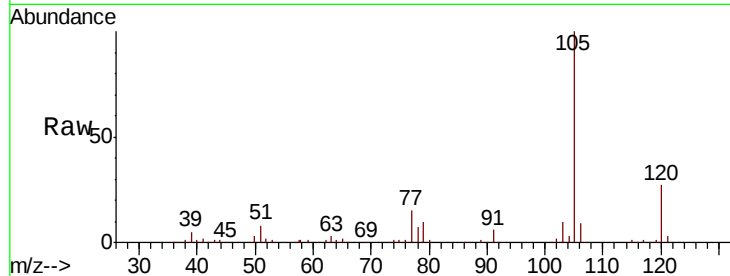
FL-0620DL

Tot Ion:105 Resp: 46313

Ion Ratio Lower Upper

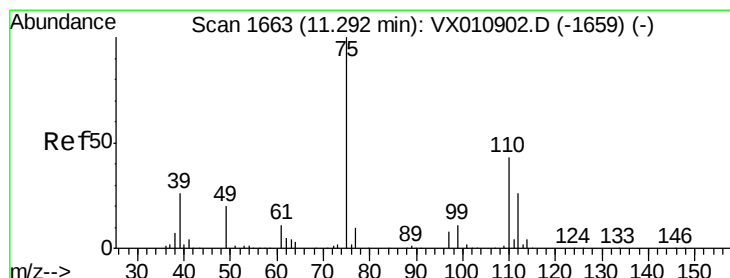
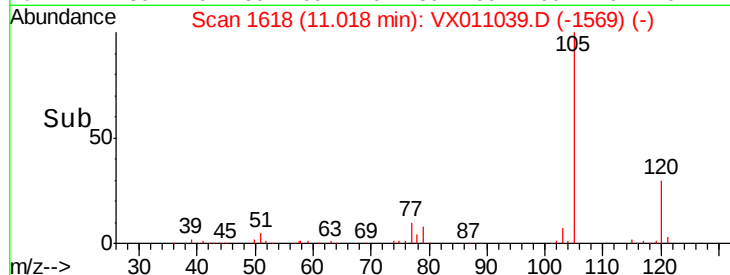
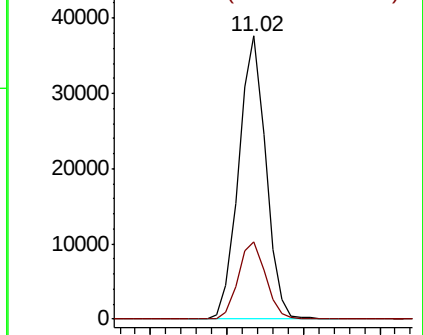
105 100

120 27.4 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: 0.789 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX011039.D

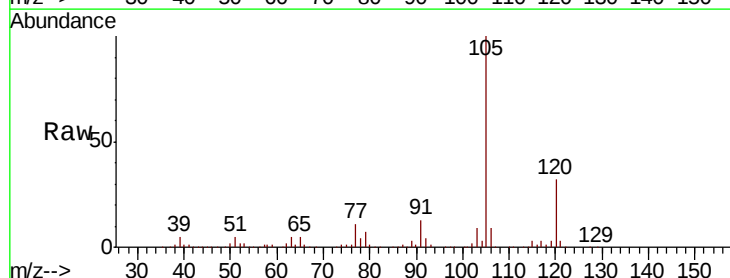
Acq: 22 Jul 2019 18:33

Tgt Ion: 75 Resp: 2375

Ion Ratio Lower Upper

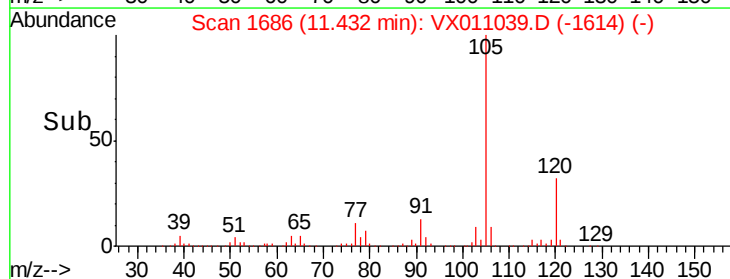
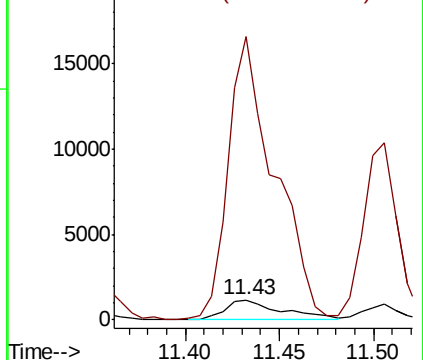
75 100

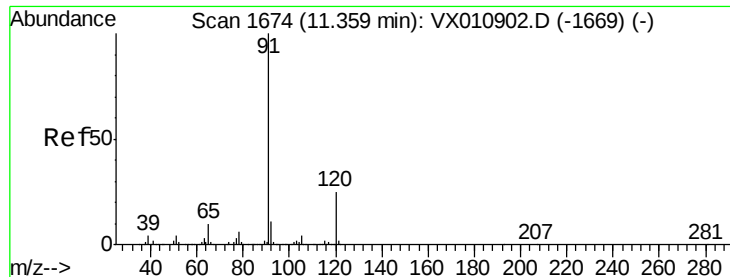
77 1188.6 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 4.666 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampled :

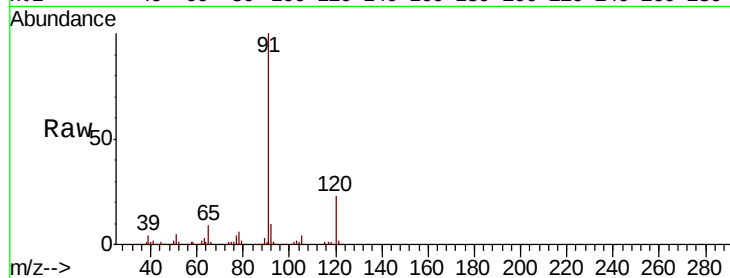
FL-0620DL

Tot Ion: 91 Resp: 58137

Ion Ratio Lower Upper

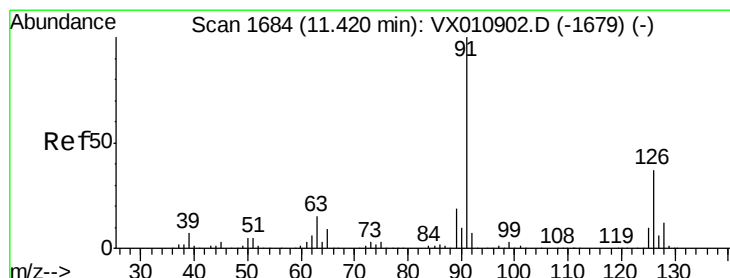
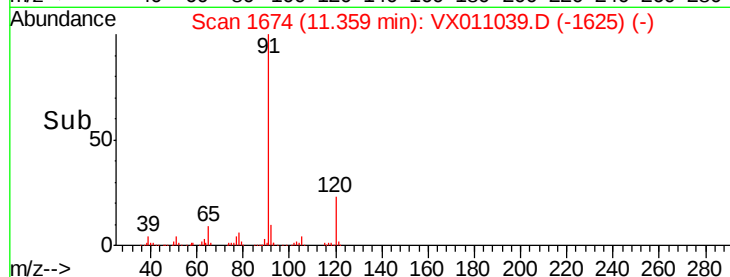
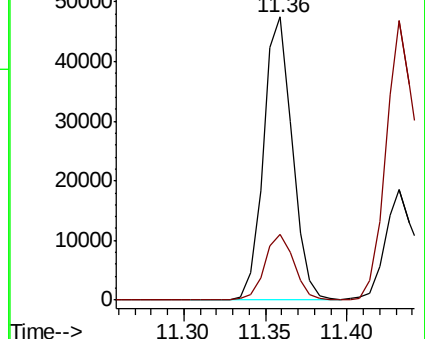
91 100

120 23.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 4.065 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011039.D

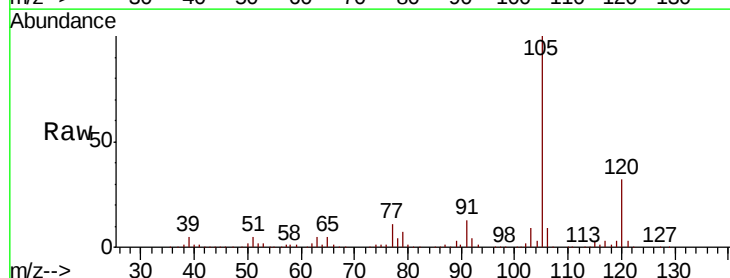
Acq: 22 Jul 2019 18:33

Tgt Ion: 91 Resp: 30427

Ion Ratio Lower Upper

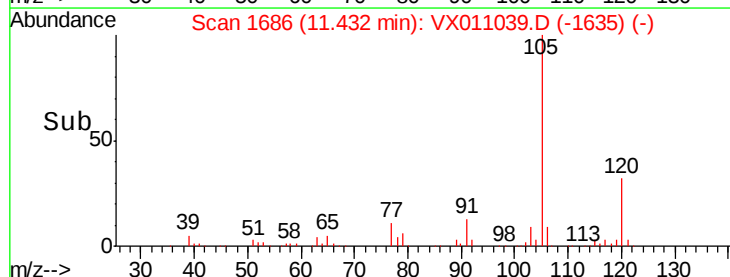
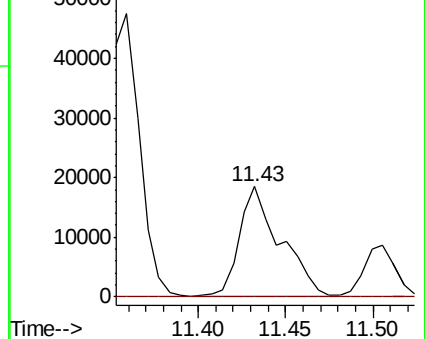
91 100

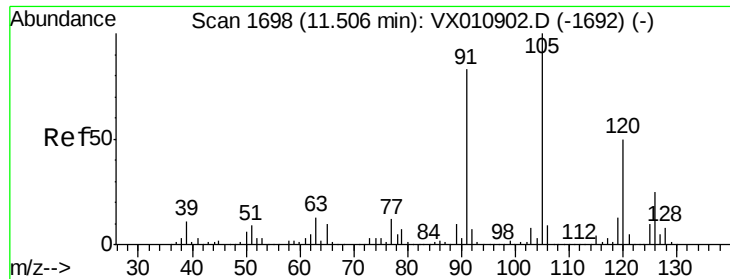
126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

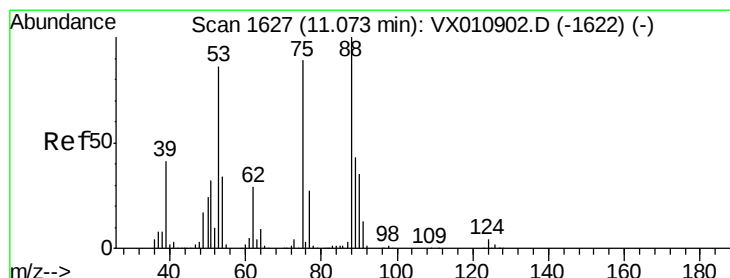
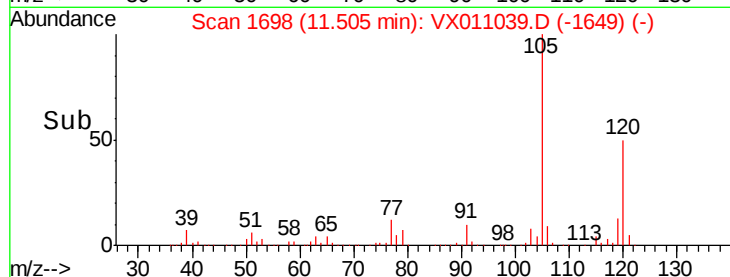
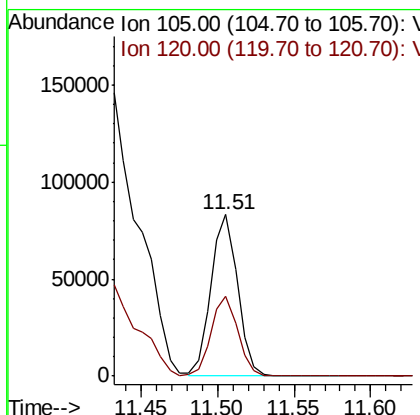
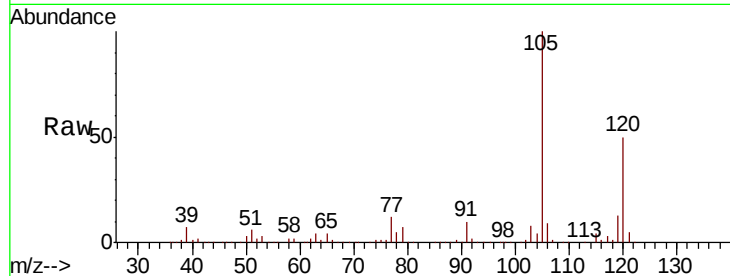




#80
 1,3,5-Trimethylbenzene
 Concen: 10.716 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011039.D
 Acq: 22 Jul 2019 18:33

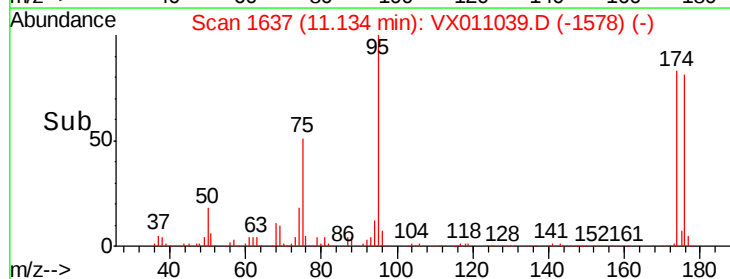
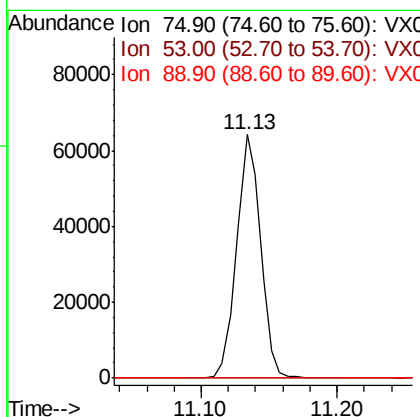
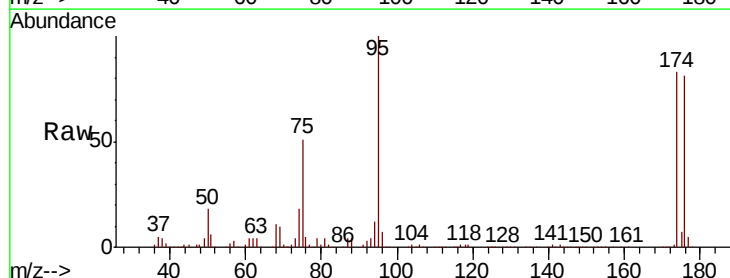
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0620DL

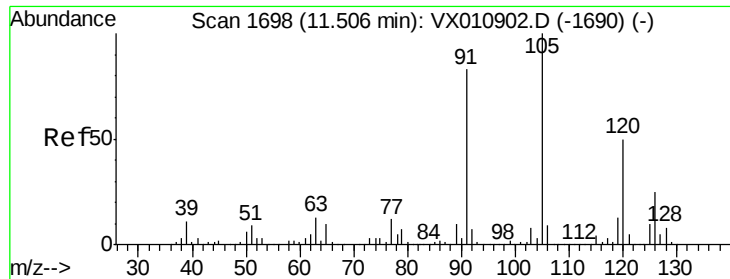
Tot Ion:105 Resp: 100975
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.055 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011039.D
 Acq: 22 Jul 2019 18:33

Tgt Ion: 75 Resp: 78881
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.5 57.7#

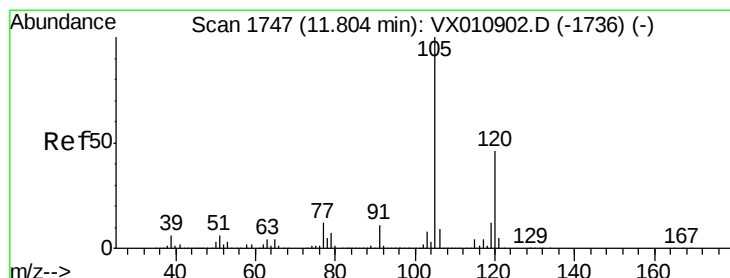
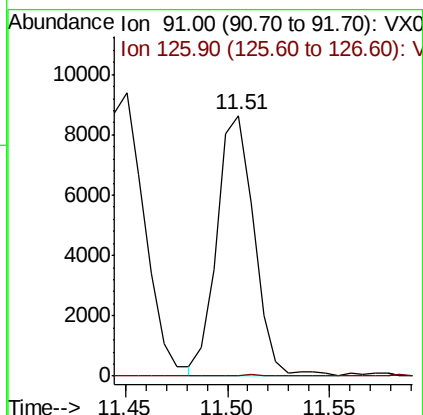
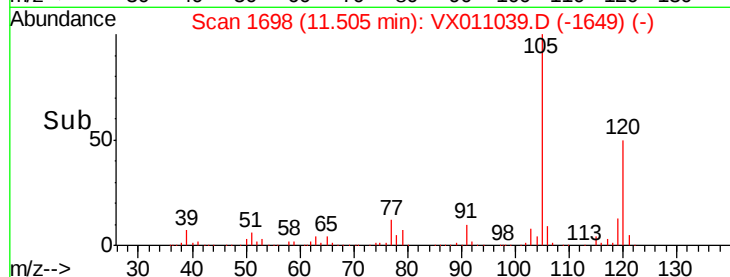
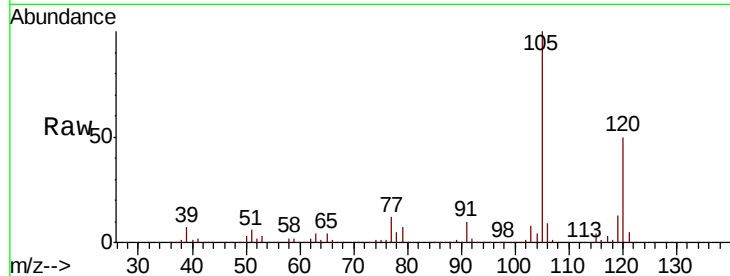




#82
4-Chlorotoluene
Concen: 1.255 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

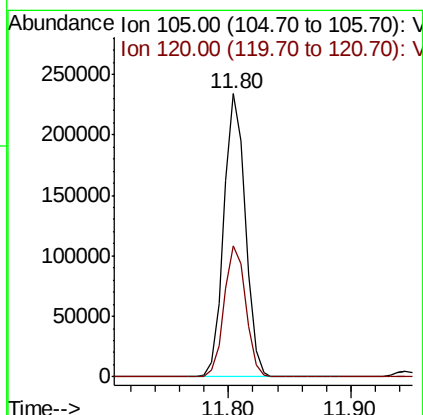
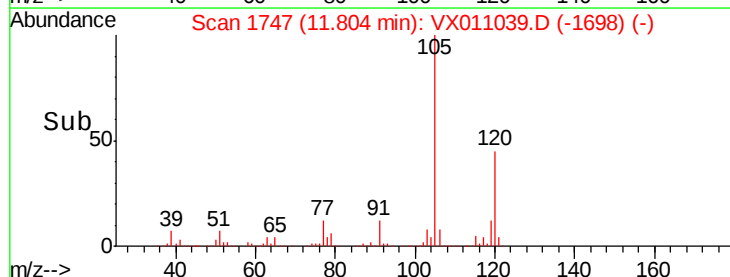
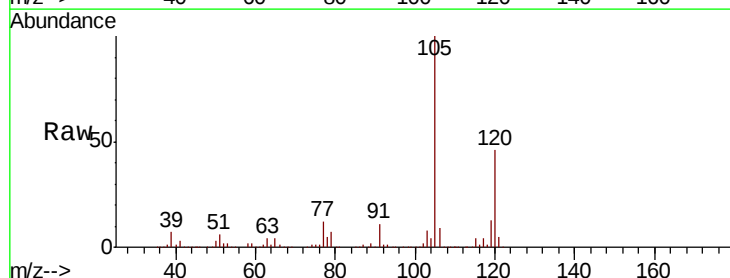
Instrument :
MSVOA_X
ClientSampled :
FL-0620DL

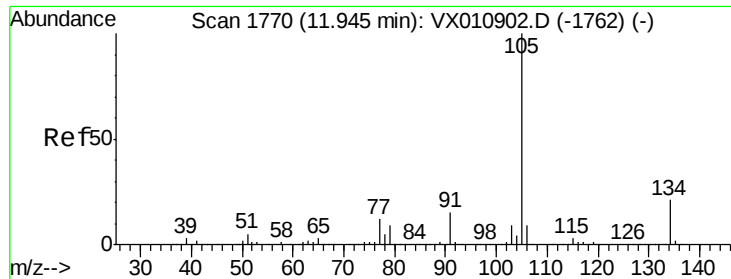
Tot Ion: 91 Resp: 10930
Ion Ratio Lower Upper
91 100
126 0.2 15.9 47.7#



#84
1,2,4-Trimethylbenzene
Concen: 29.939 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

Tgt Ion:105 Resp: 284351
Ion Ratio Lower Upper
105 100
120 46.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 26.218 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_X

ClientSampleID :

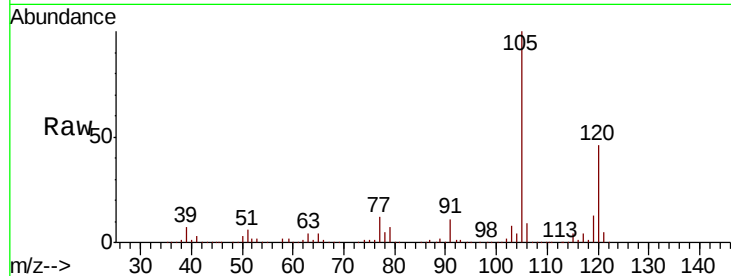
FL-0620DL

Tot Ion:105 Resp: 284351

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

250000

200000

150000

100000

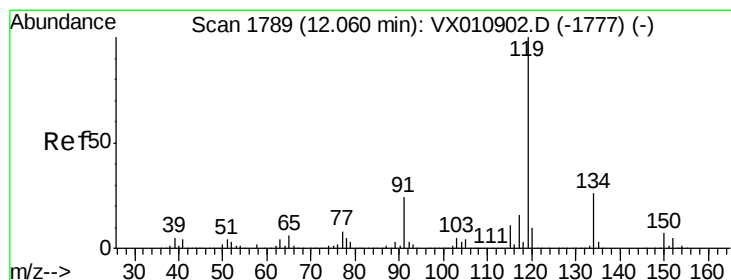
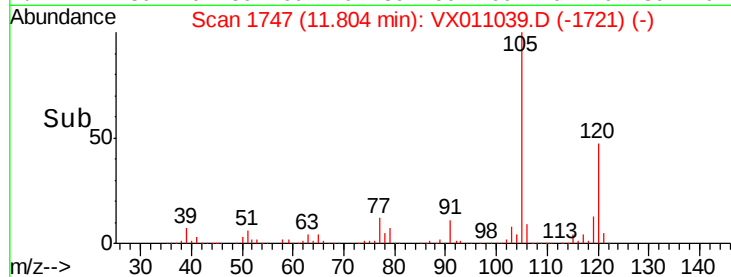
50000

0

11.80

11.90

Time-->



#86

p-Isopropyltoluene

Concen: 0.572 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011039.D

Acq: 22 Jul 2019 18:33

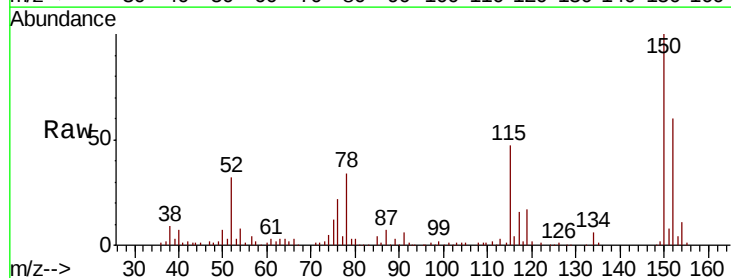
Tgt Ion:119 Resp: 5733

Ion Ratio Lower Upper

119 100

134 31.0 13.4 40.1

91 34.5 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12000

10000

8000

6000

4000

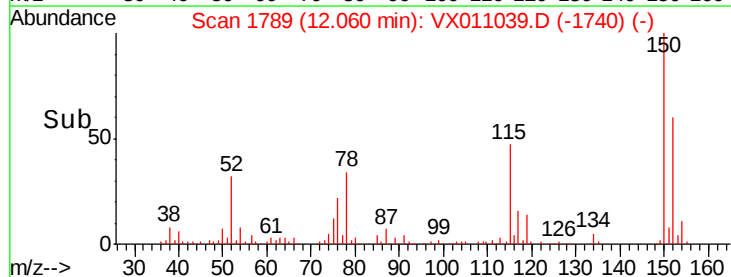
2000

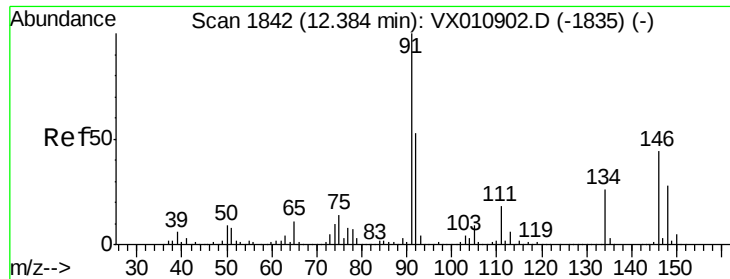
0

12.05

12.10

Time-->

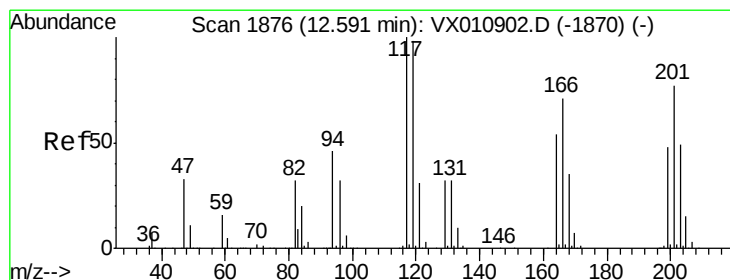
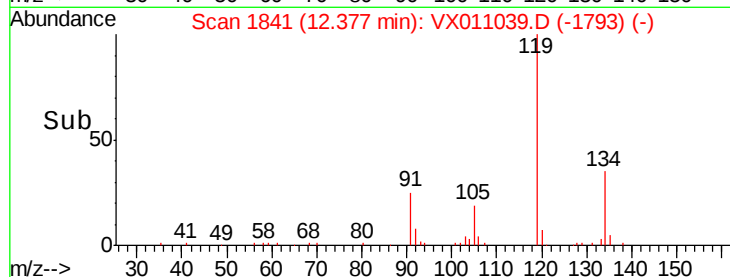
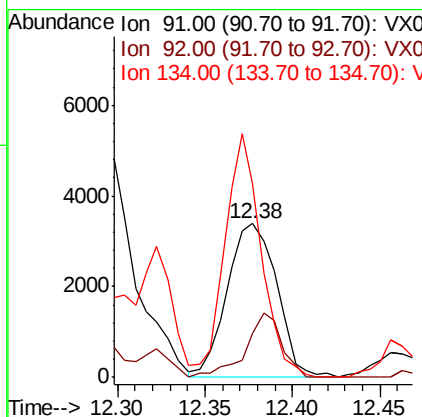
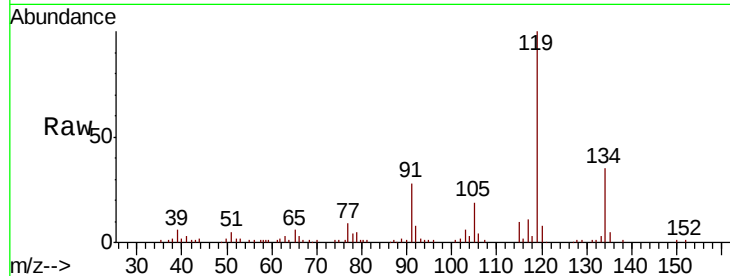




#89
n-Butylbenzene
Concen: 0.783 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

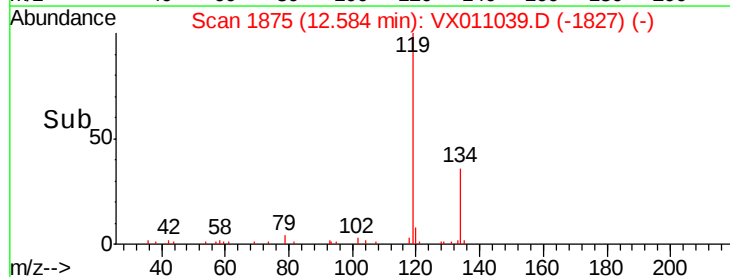
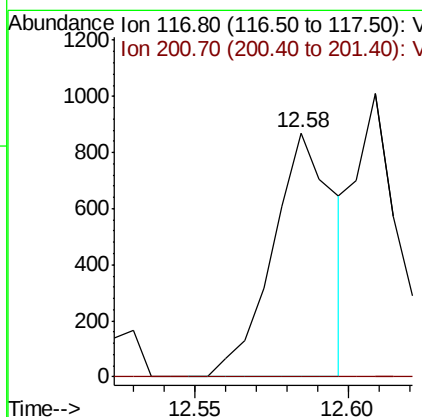
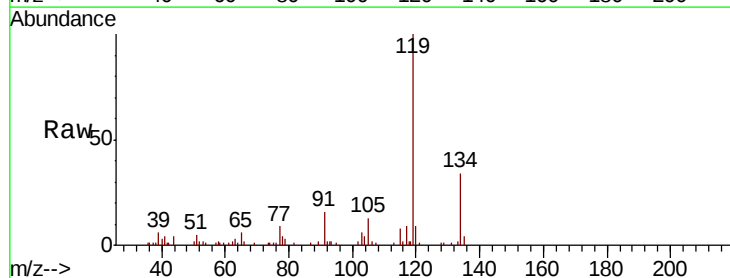
Instrument :
MSVOA_X
ClientSampled :
FL-0620DL

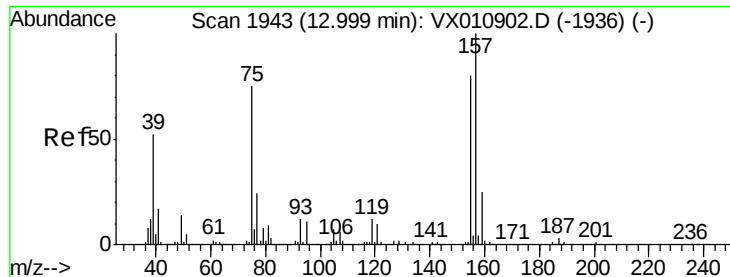
Tot Ion: 91 Resp: 6719
Ion Ratio Lower Upper
91 100
92 30.3 26.2 78.5
134 115.4 13.8 41.3#



#90
Hexachloroethane
Concen: 0.774 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX011039.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 117 Resp: 1224
Ion Ratio Lower Upper
117 100
201 0.0 43.3 129.8#

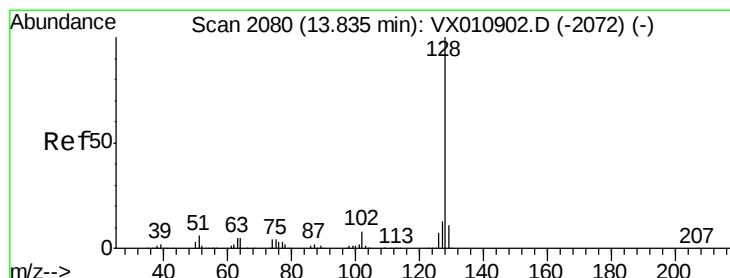
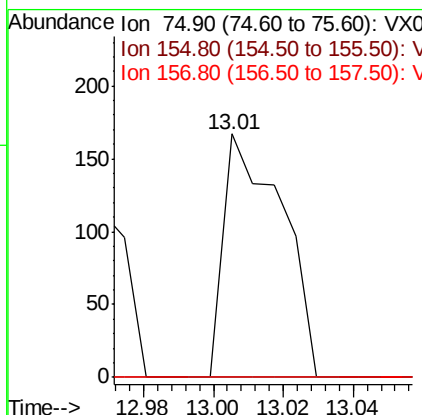
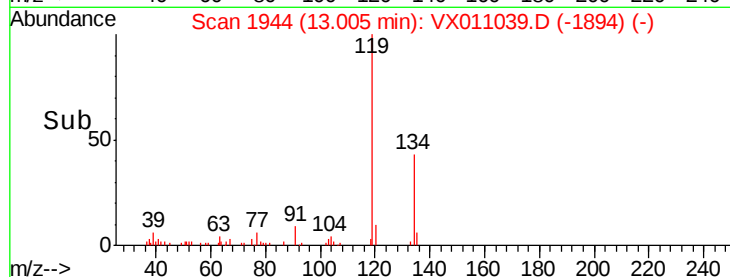
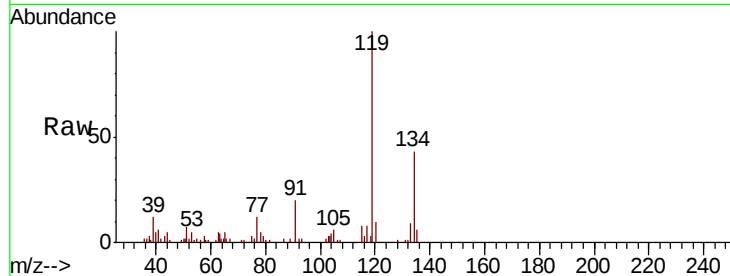




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.251 ug/l
 RT: 13.01 min Scan# 1944
 Delta R.T. 0.01 min
 Lab File: VX011039.D
 Acq: 22 Jul 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0620DL

Tot Ion: 75 Resp: 194
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 0.0 62.5 187.6#



#95
 Naphthalene
 Concen: 11.818 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX011039.D
 Acq: 22 Jul 2019 18:33

Tgt Ion:128 Resp: 126531
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 11.4 8.9 13.3

