

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
 Data File : VX010913.D
 Acq On : 16 Jul 2019 17:52
 Operator : JC/SP
 Sample : K3791-10DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0596DL

Quant Time: Jul 17 05:03:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160681	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	118557	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
35) Dibromofluoromethane	5.50	113	109854	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	8.71	98	432501	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	152151	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	130	0.599	ug/l	77
3) Chloromethane	1.33	50	466	0.220	ug/l #	75
5) Bromomethane	1.65	94	801	0.658	ug/l	85
10) Methyl Iodide	2.51	142	564	0.206	ug/l #	90
11) Tert butyl alcohol	3.01	59	1271	2.228	ug/l #	73
13) Acrolein	2.29	56	403	1.222	ug/l	95
15) Acrylonitrile	3.16	53	290	0.252	ug/l #	13
16) Acetone	2.45	43	790	0.714	ug/l #	72
17) Carbon Disulfide	2.57	76	1153	0.219	ug/l #	75
18) Methyl Acetate	2.79	43	578	0.229	ug/l #	67
20) Methylene Chloride	2.85	84	542	0.231	ug/l #	85
31) Cyclohexane	5.57	56	14000	4.209	ug/l	92
36) 1,1-Dichloropropene	5.66	75	14998	5.056	ug/l #	47
38) Carbon Tetrachloride	5.66	117	20869	6.752	ug/l #	19
39) Methylcyclohexane	7.46	83	28745	7.473	ug/l	95
48) Methyl methacrylate	7.73	41	1814	0.746	ug/l #	74
49) 1,4-Dioxane	7.69	88	29	0.426	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	2473	1.006	ug/l #	20
60) Dibromochloromethane	9.34	129	210	2.598	ug/l #	11
67) Ethyl Benzene	10.25	91	17232	1.482	ug/l	95
68) m/p-Xylenes	10.36	106	15537	3.484	ug/l	99
73) Isopropylbenzene	11.02	105	27422	2.526	ug/l	100
76) 1,2,3-Trichloropropane	11.43	75	2393	0.825	ug/l #	1
78) n-propylbenzene	11.36	91	50242	4.188	ug/l	98
79) 2-Chlorotoluene	11.43	91	26989	3.745	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	98016	10.804	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	75646	64.816	ug/l #	11
82) 4-Chlorotoluene	11.51	91	11124	1.326	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.80	105	296950	32.475	ug/l	98
85) sec-Butylbenzene	11.94	105	12437	1.191	ug/l	81
86) p-Isopropyltoluene	12.06	119	13148	1.362	ug/l	95
89) n-Butylbenzene	12.37	91	12102	1.465	ug/l #	10
90) Hexachloroethane	12.58	117	3284	2.157	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	579	0.780	ug/l #	1

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Response via : Initial Calibration

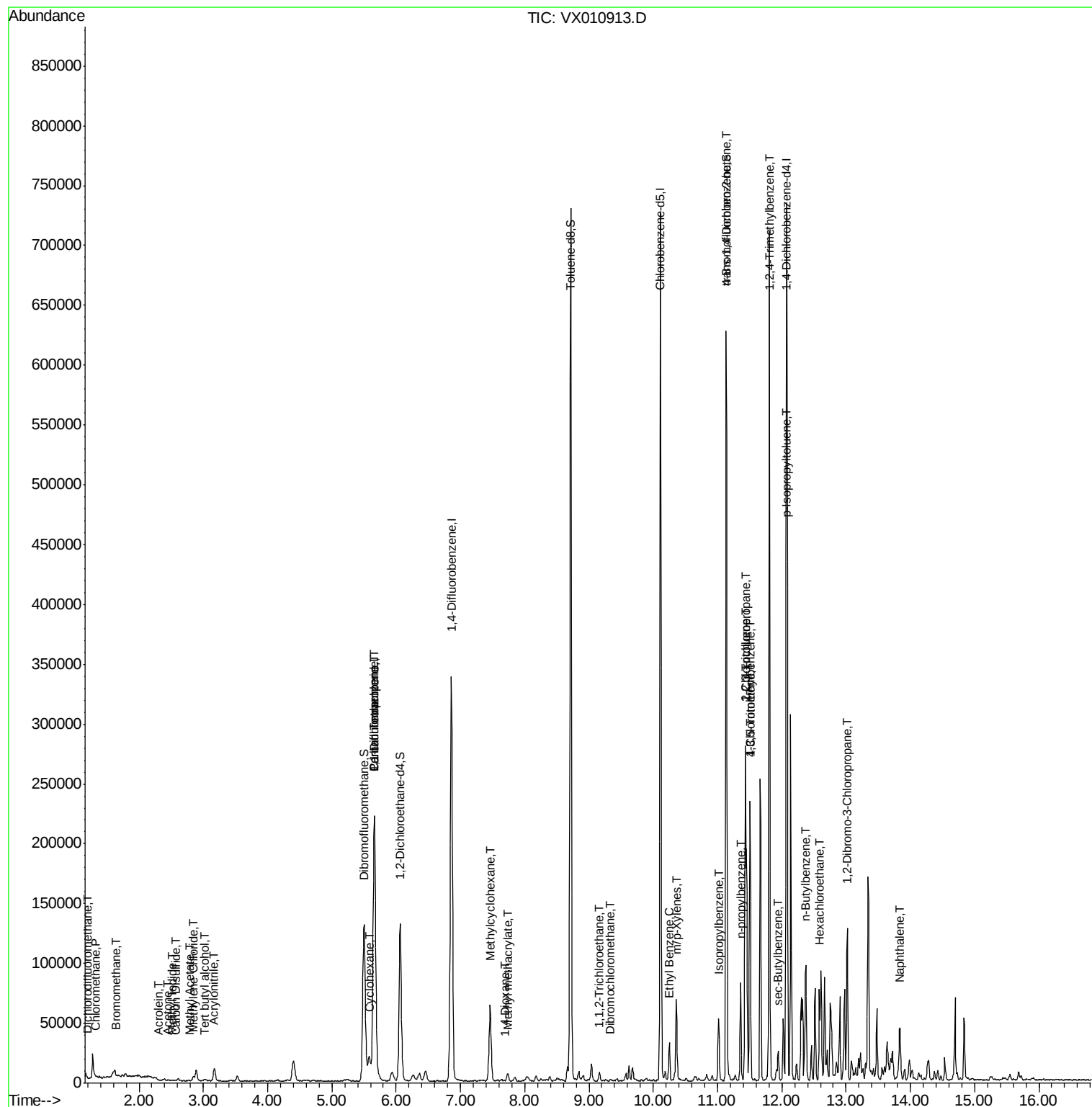
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	27667	2.684	ug/l #	94

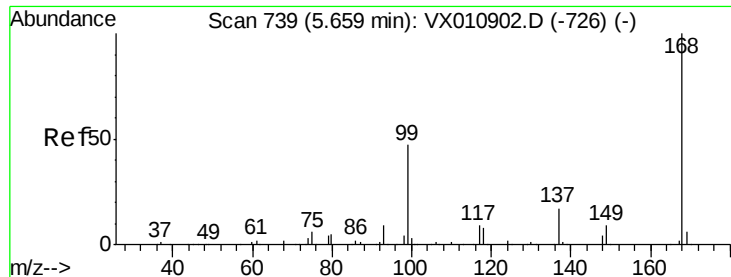
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampled :

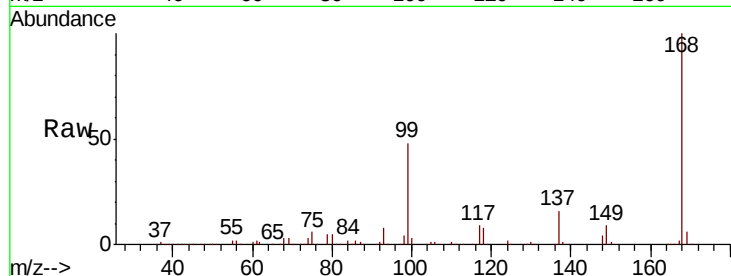
FL-0596DL

Tot Ion:168 Resp: 230300

Ion Ratio Lower Upper

168 100

99 47.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

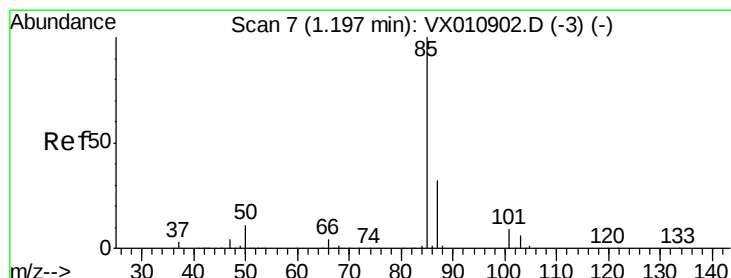
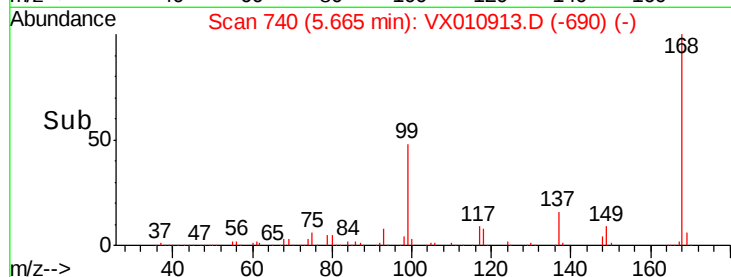
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.599 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010913.D

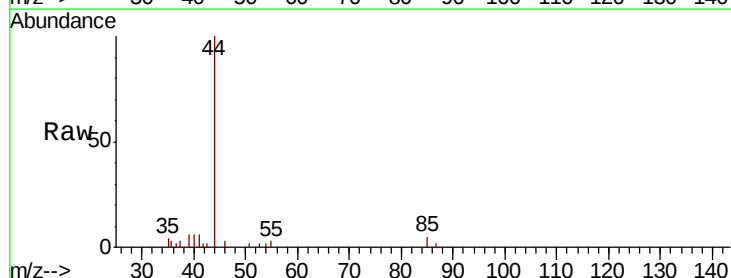
Acq: 16 Jul 2019 17:52

Tgt Ion: 85 Resp: 130

Ion Ratio Lower Upper

85 100

87 44.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150

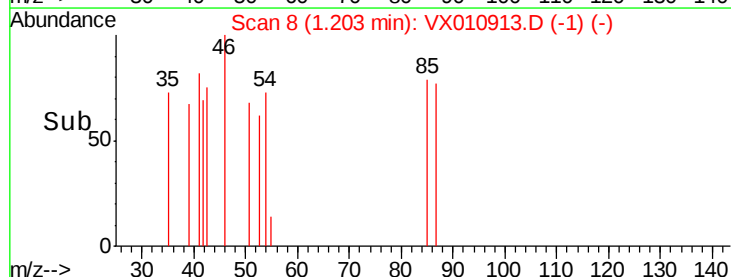
100

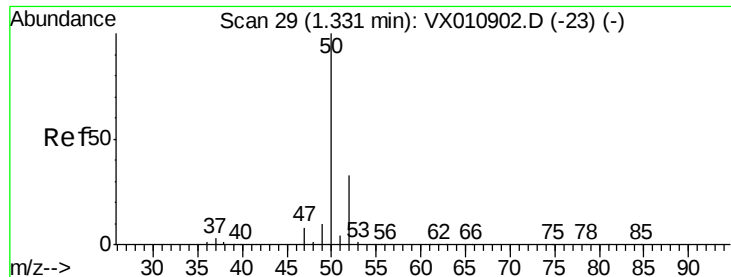
50

0

Time-->

1.18 1.20 1.22





#3

Chloromethane

Concen: 0.220 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

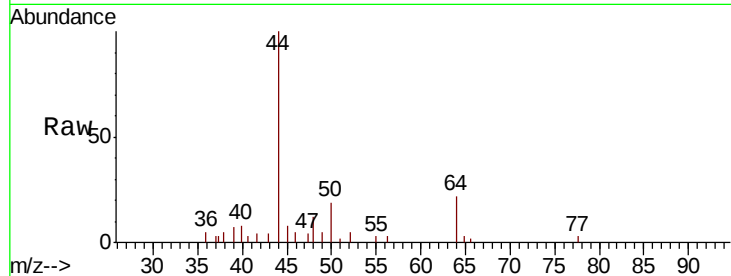
FL-0596DL

Tot Ion: 50 Resp: 466

Ion Ratio Lower Upper

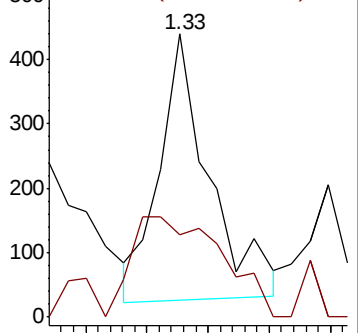
50 100

52 19.1 26.4 39.6#

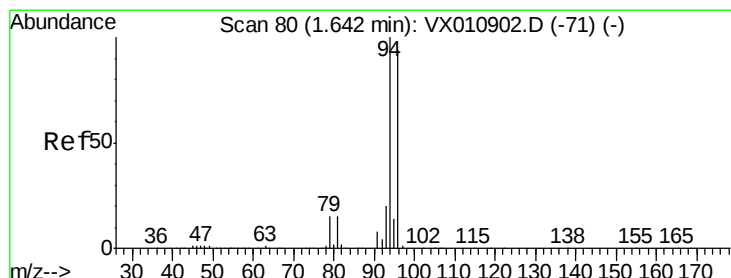
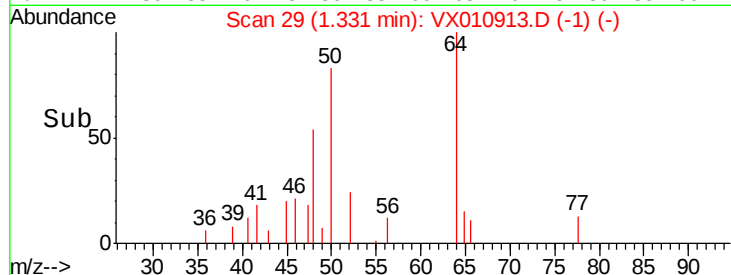


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#5

Bromomethane

Concen: 0.658 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010913.D

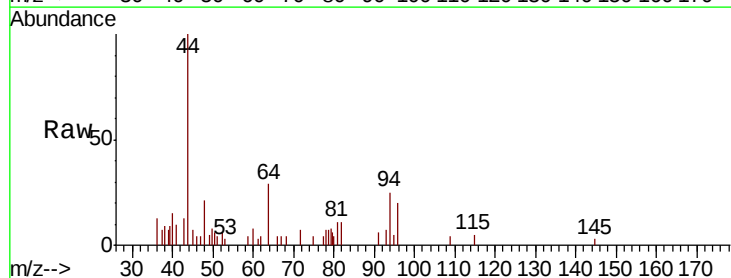
Acq: 16 Jul 2019 17:52

Tgt Ion: 94 Resp: 801

Ion Ratio Lower Upper

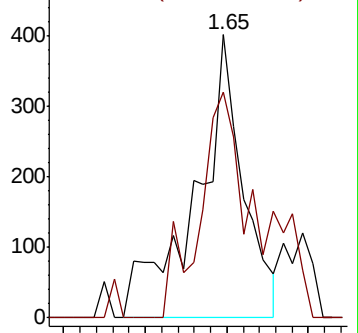
94 100

96 79.6 75.6 113.4

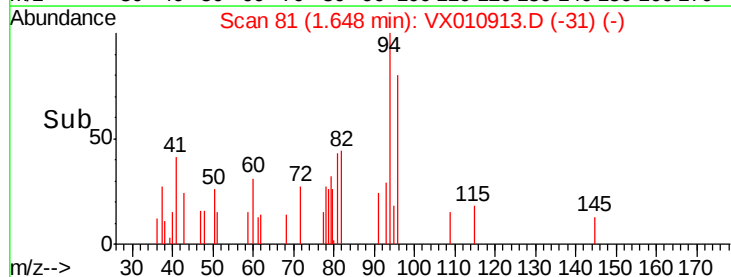


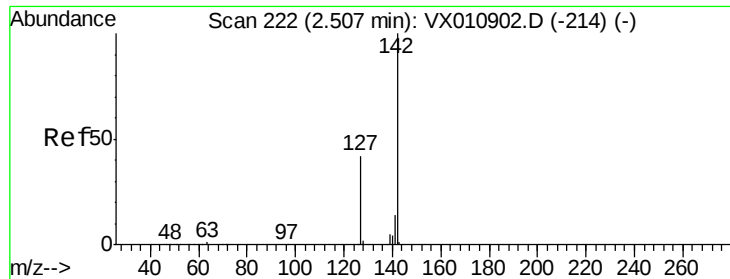
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->

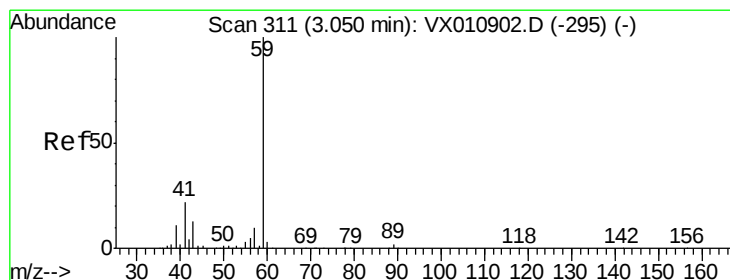
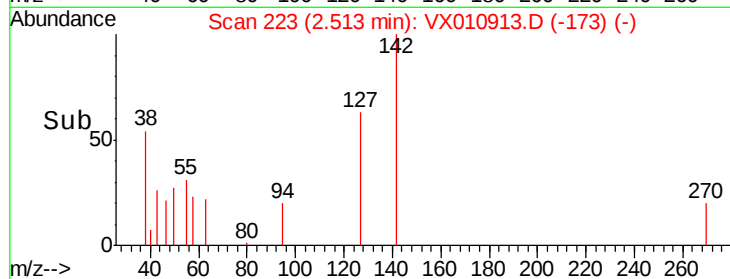
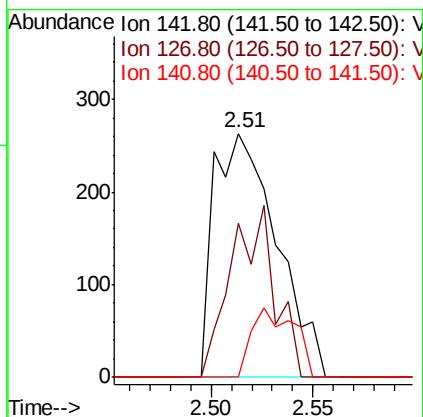
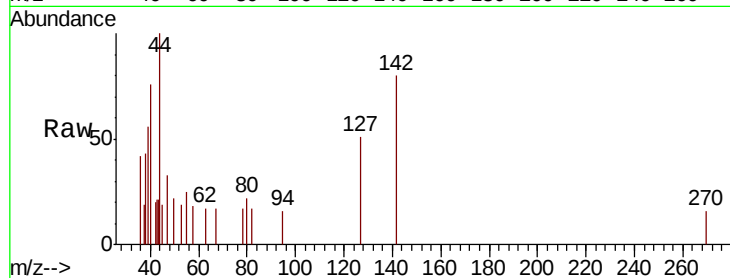




#10
Methvl Iodide
Concen: 0.206 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

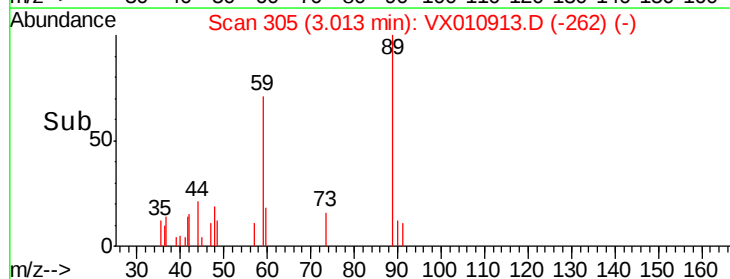
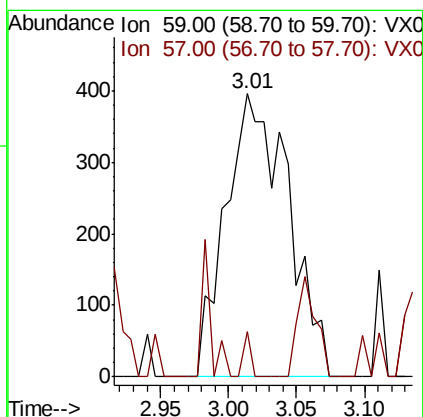
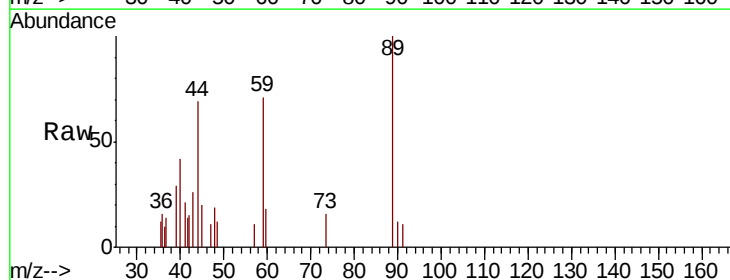
Instrument :
MSVOA_X
ClientSampled :
FL-0596DL

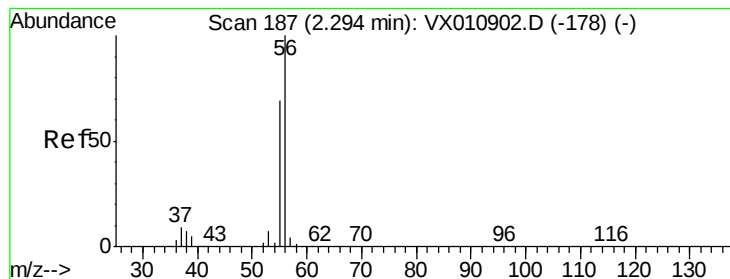
Tot Ion:142 Resp: 564
Ion Ratio Lower Upper
142 100
127 48.9 34.2 51.4
141 19.1 11.7 17.5#



#11
Tert butyl alcohol
Concen: 2.228 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

Tgt Ion: 59 Resp: 1271
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#13

Acrolein

Concen: 1.222 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampled :

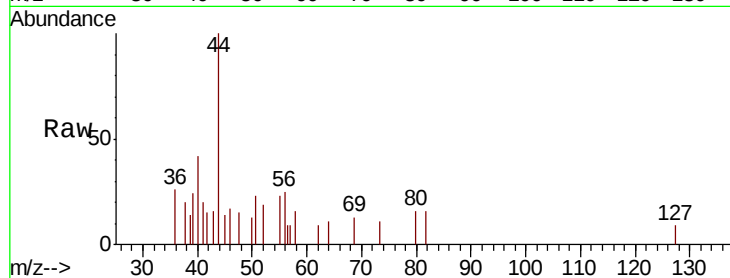
FL-0596DL

Tot Ion: 56 Resp: 403

Ion Ratio Lower Upper

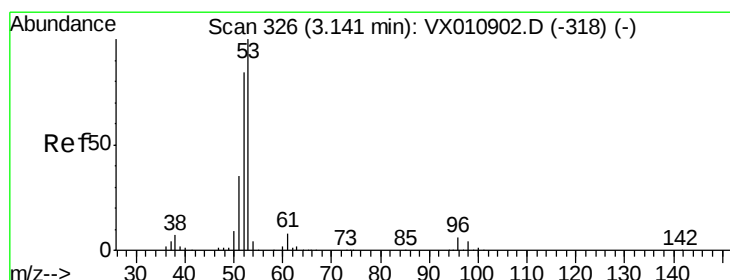
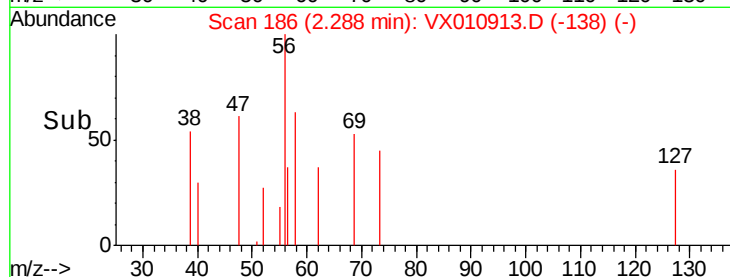
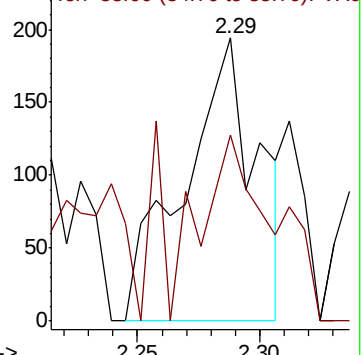
56 100

55 65.5 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.252 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.02 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

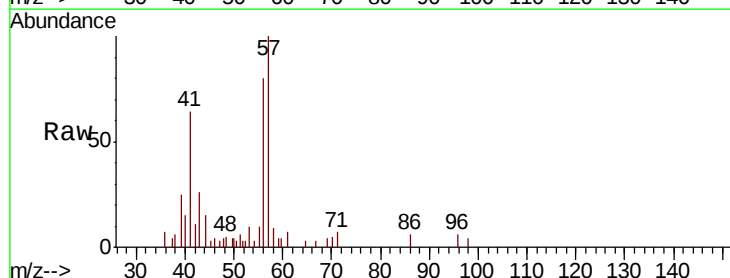
Tgt Ion: 53 Resp: 290

Ion Ratio Lower Upper

53 100

52 50.7 66.5 99.7#

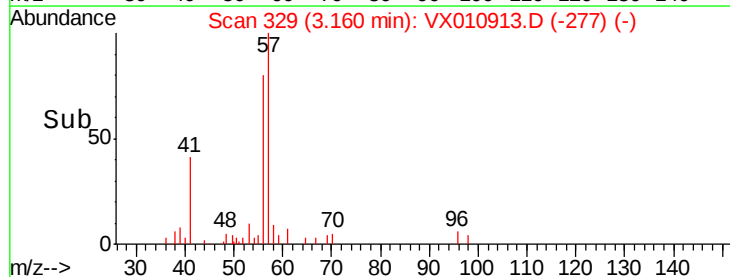
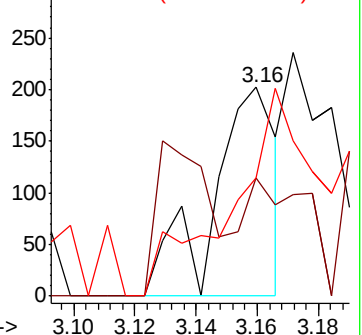
51 155.9 28.2 42.4#

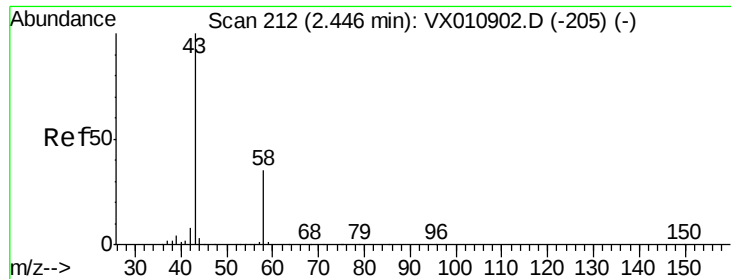


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.714 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampled :

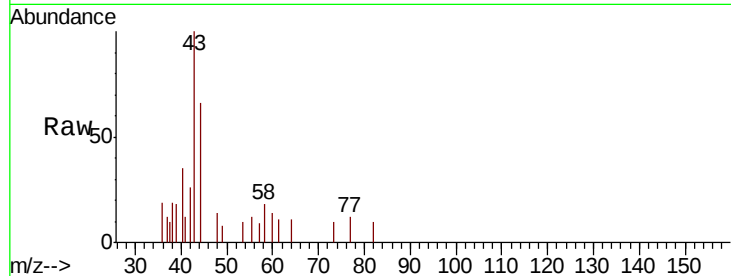
FL-0596DL

Tot Ion: 43 Resp: 790

Ion Ratio Lower Upper

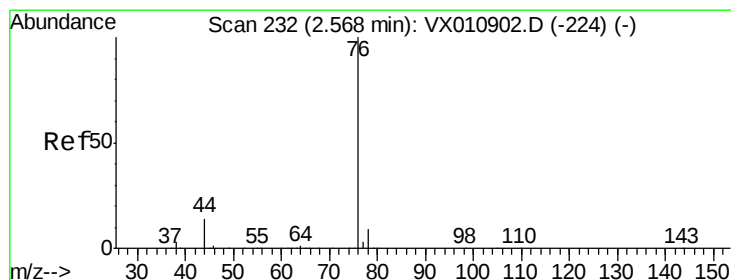
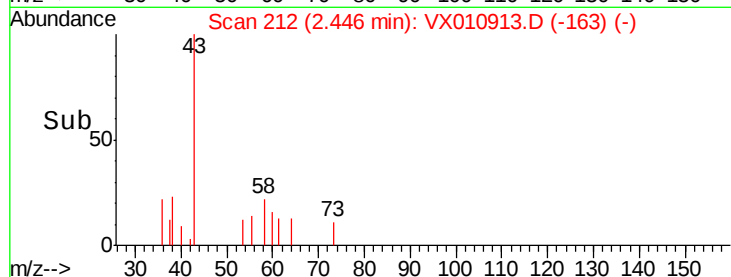
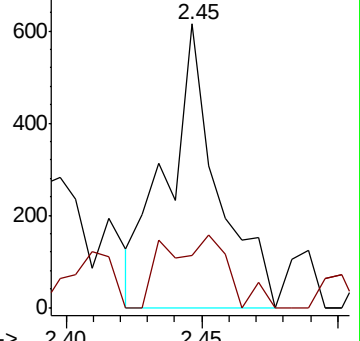
43 100

58 18.2 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.219 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010913.D

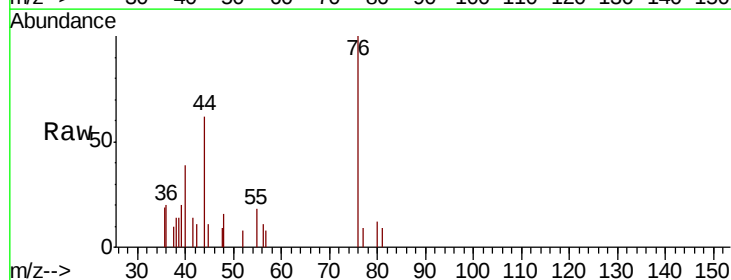
Acq: 16 Jul 2019 17:52

Tgt Ion: 76 Resp: 1153

Ion Ratio Lower Upper

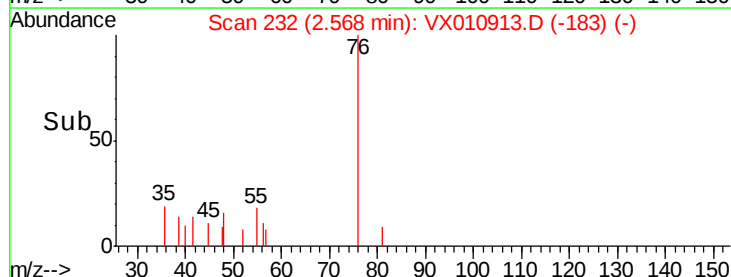
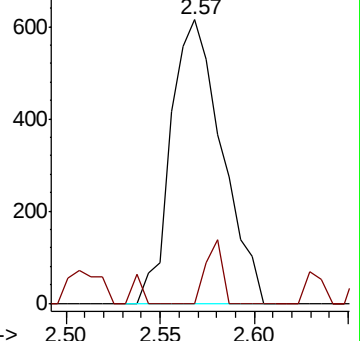
76 100

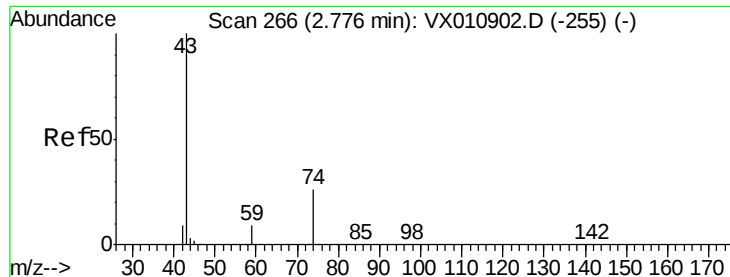
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

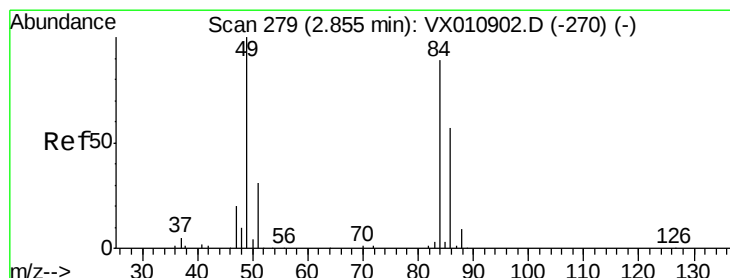
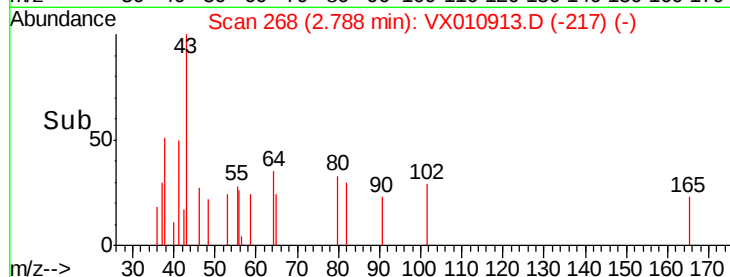
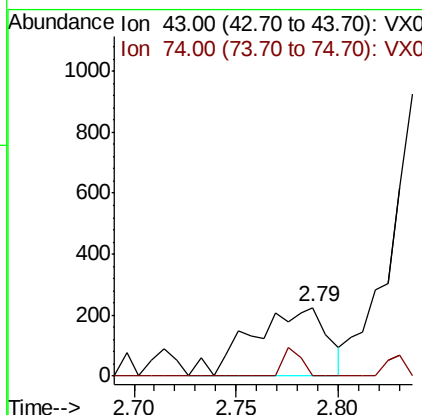
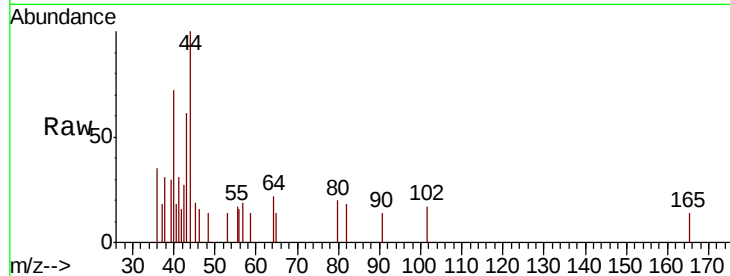




#18
Methyl Acetate
Concen: 0.229 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

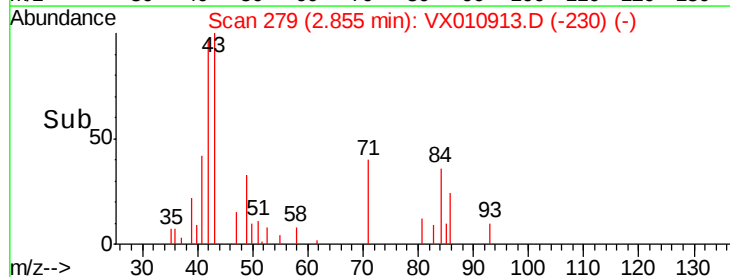
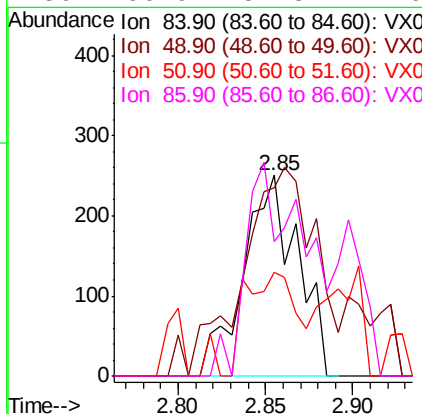
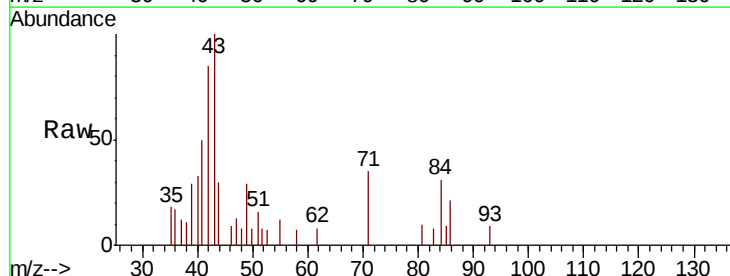
Instrument :
MSVOA_X
ClientSampled :
FL-0596DL

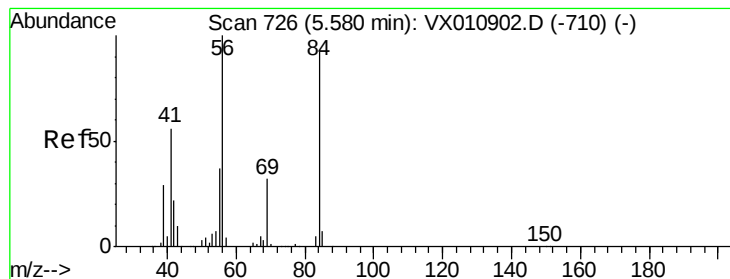
Tot Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
74 9.9 21.5 32.3#



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

Tgt Ion: 84 Resp: 542
Ion Ratio Lower Upper
84 100
49 93.6 89.9 134.9
51 51.4 27.8 41.6#
86 66.9 51.8 77.6





#31

Cyclohexane

Concen: 4.209 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

FL-0596DL

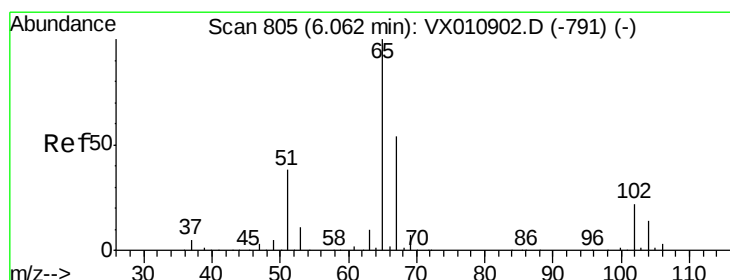
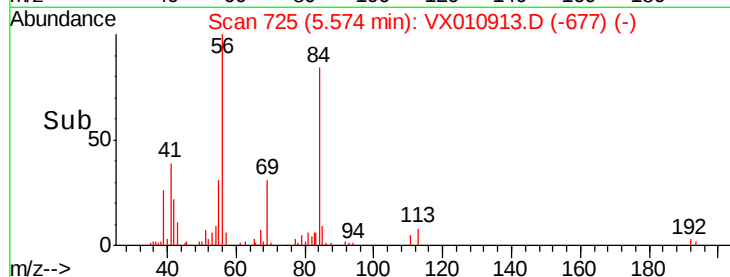
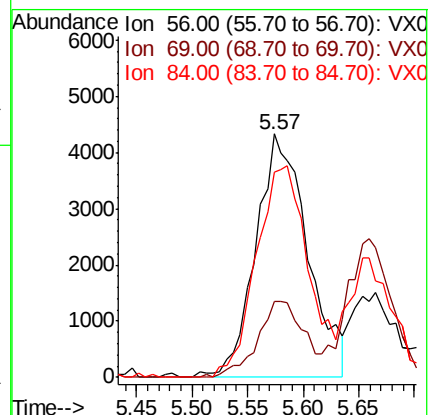
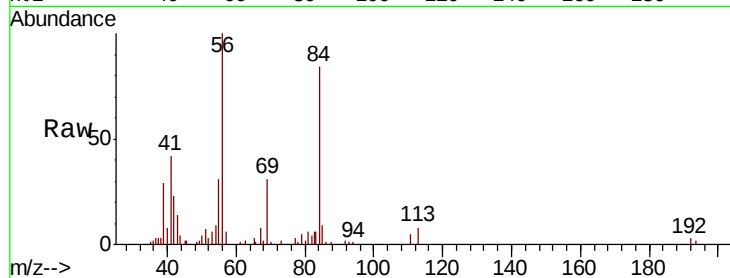
Tot Ion: 56 Resp: 14000

Ion Ratio Lower Upper

56 100

69 31.0 25.8 38.8

84 82.8 73.8 110.6



#33

1,2-Dichloroethane-d4

Concen: 48.390 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010913.D

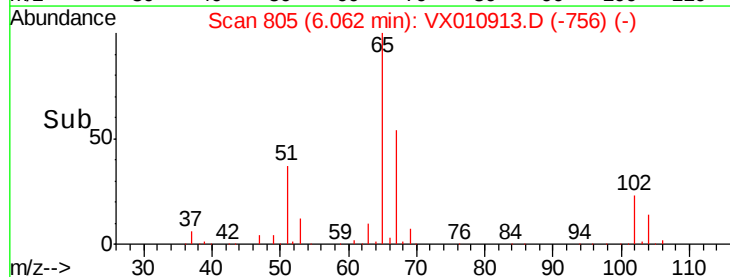
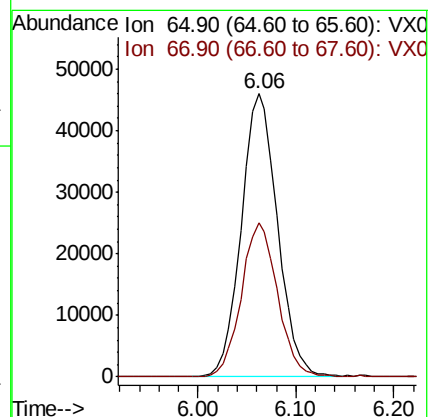
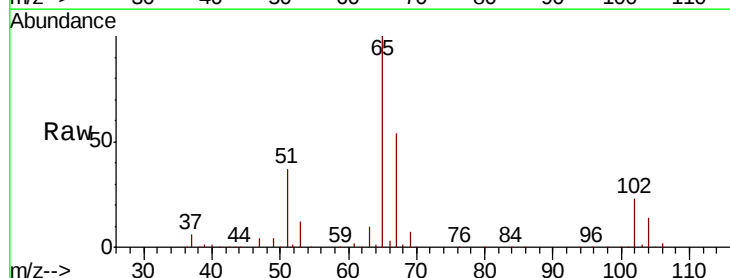
Acq: 16 Jul 2019 17:52

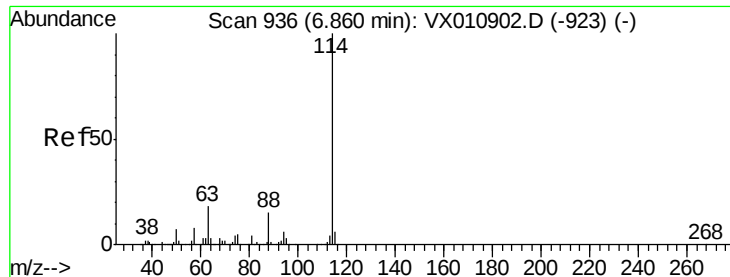
Tgt Ion: 65 Resp: 118557

Ion Ratio Lower Upper

65 100

67 54.2 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: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

FL-0596DL

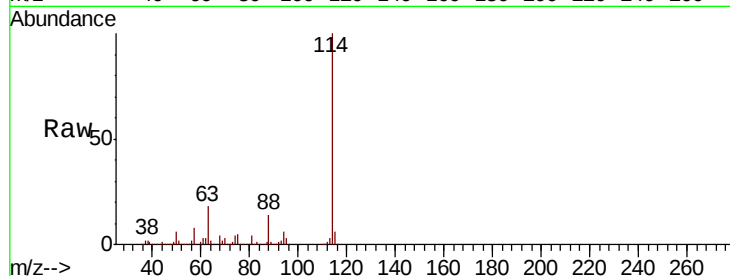
Tot Ion:114 Resp: 361120

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

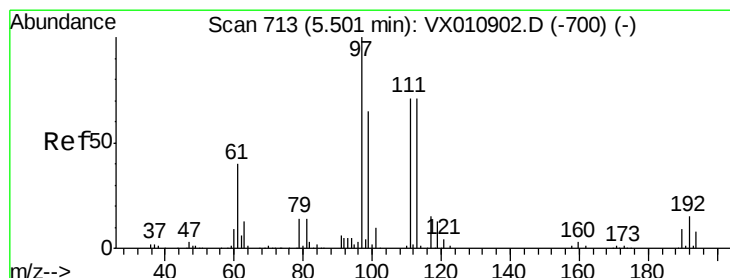
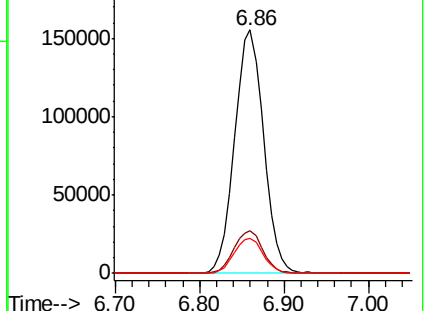
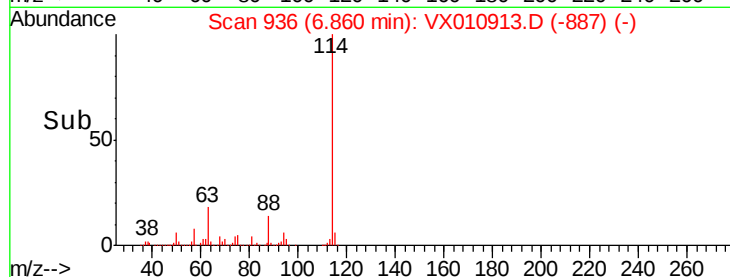
88 14.5 0.0 29.8



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: 47.927 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

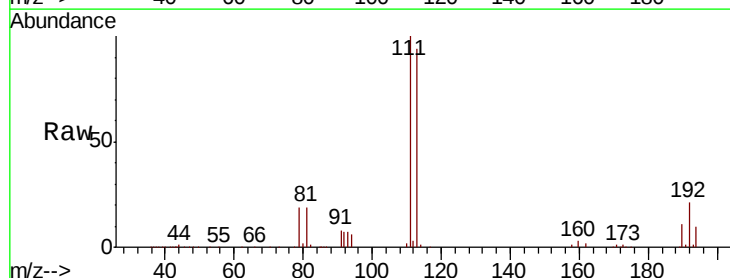
Tgt Ion:113 Resp: 109854

Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

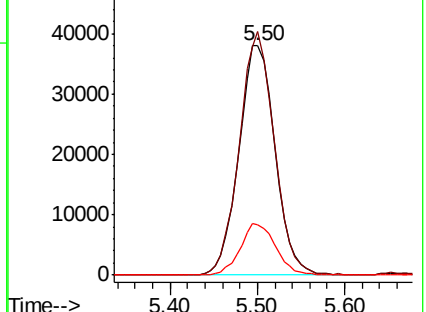
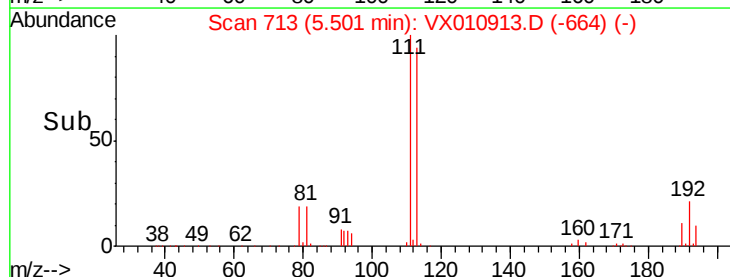
192 22.0 17.4 26.2

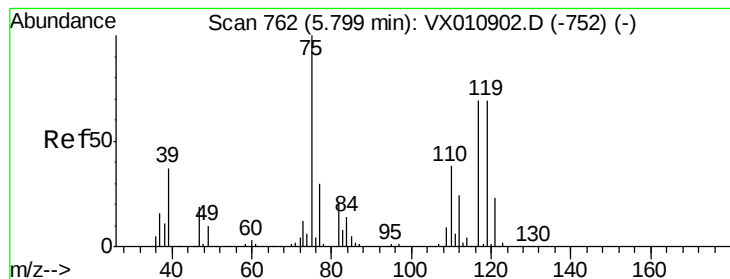


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.056 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

FL-0596DL

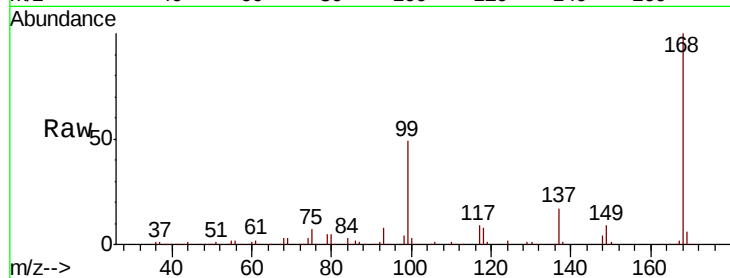
Tot Ion: 75 Resp: 14998

Ion Ratio Lower Upper

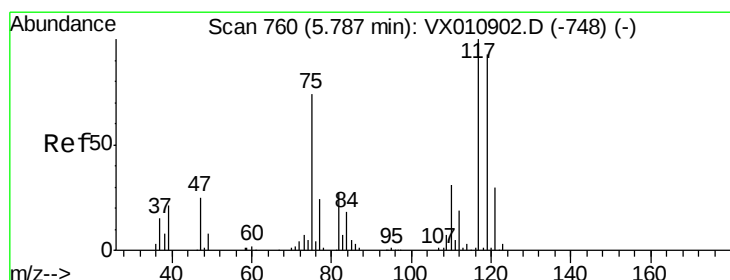
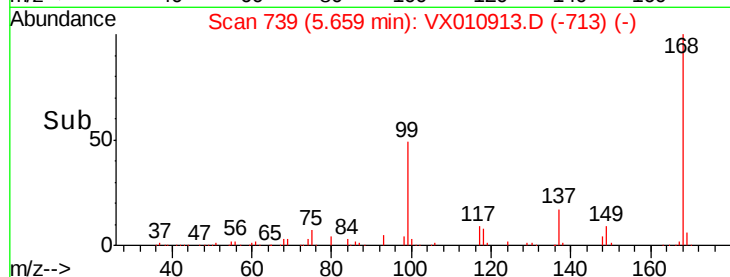
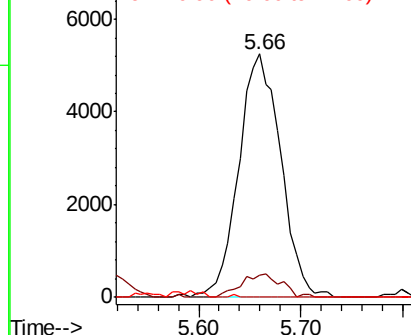
75 100

110 9.3 19.9 59.7#

77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.752 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

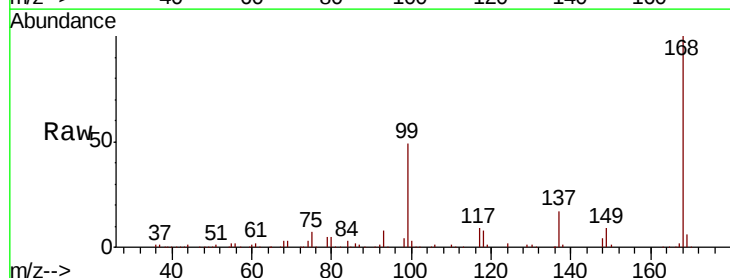
Tgt Ion: 117 Resp: 20869

Ion Ratio Lower Upper

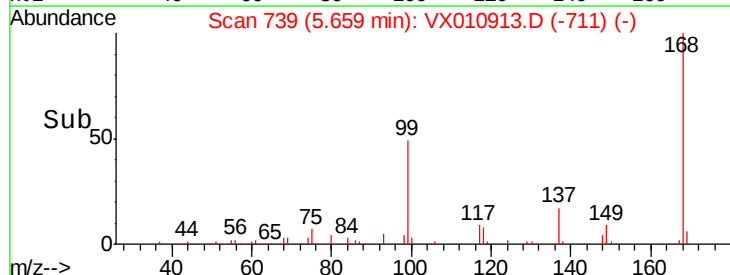
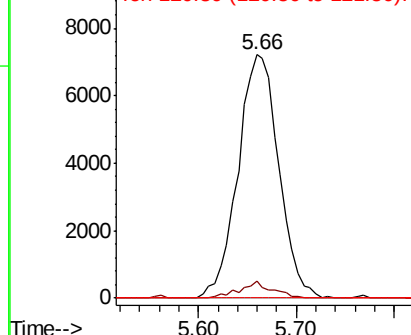
117 100

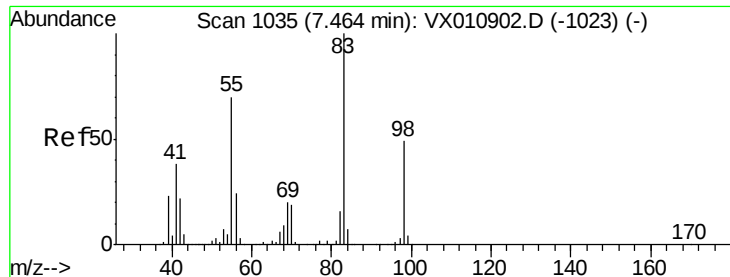
119 6.8 74.2 111.2#

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

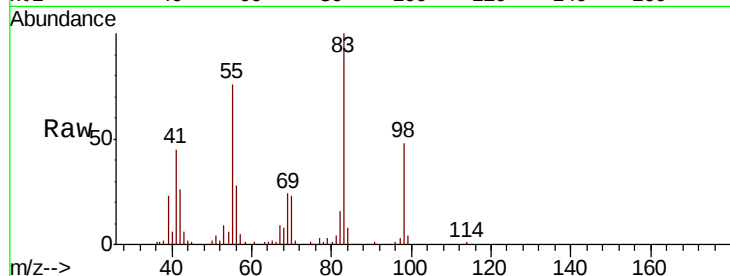




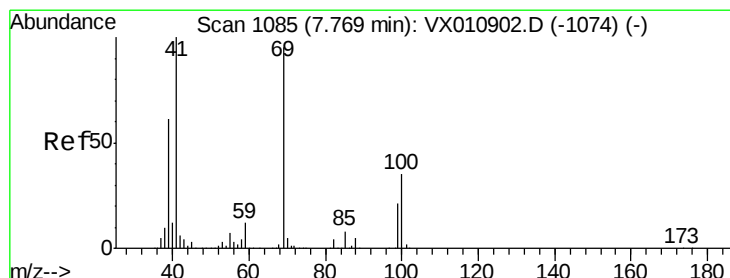
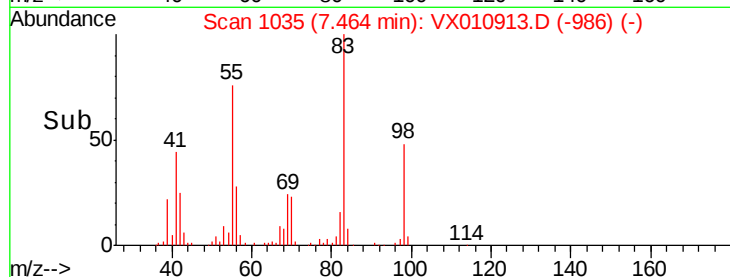
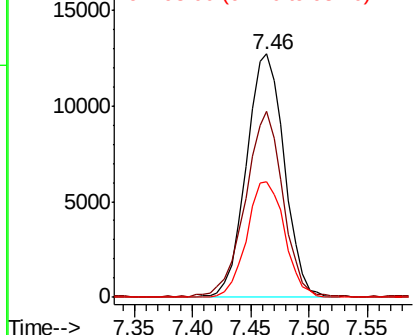
#39
Methylvlcvclohexane
Concen: 7.473 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
FL-0596DL

Tot Ion: 83 Resp: 28745
Ion Ratio Lower Upper
83 100
55 76.5 56.2 84.4
98 47.5 39.0 58.4

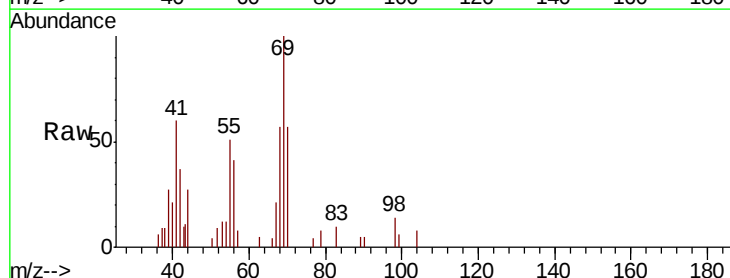


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

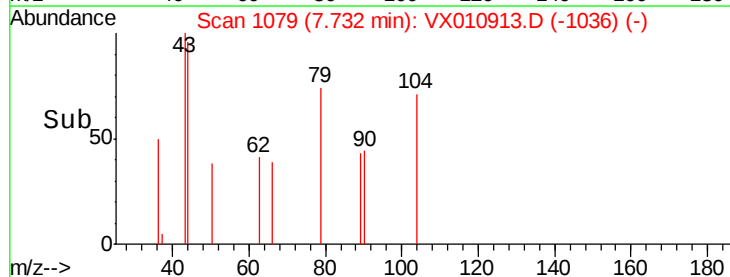
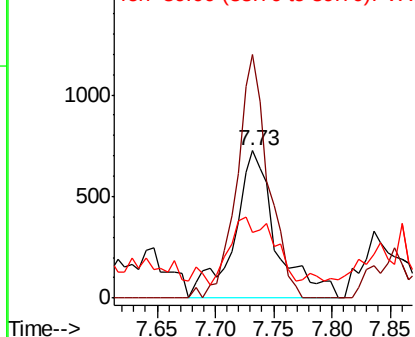


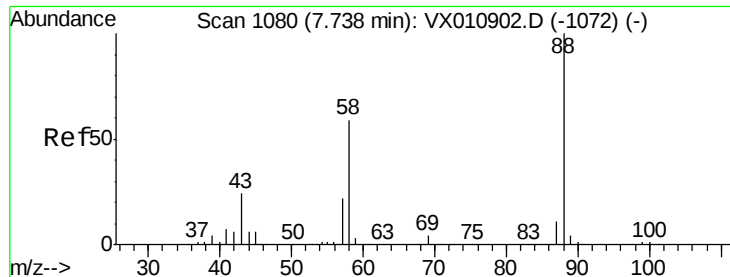
#48
Methyl methacrylate
Concen: 0.746 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

Tgt Ion: 41 Resp: 1814
Ion Ratio Lower Upper
41 100
69 124.4 74.4 111.6#
39 48.7 48.9 73.3#



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

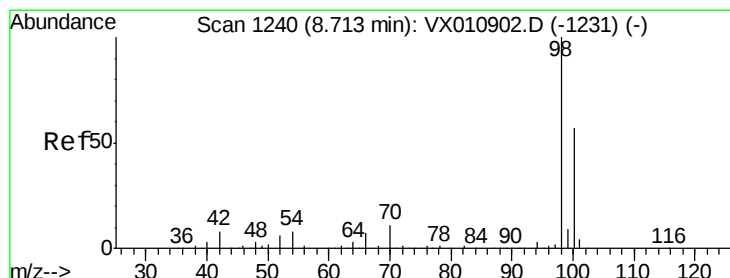
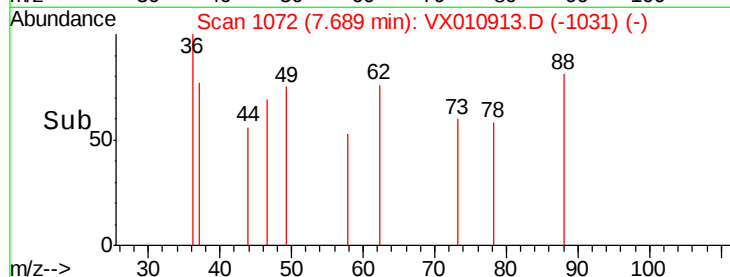
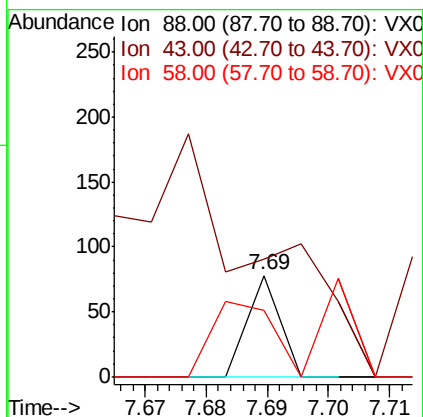
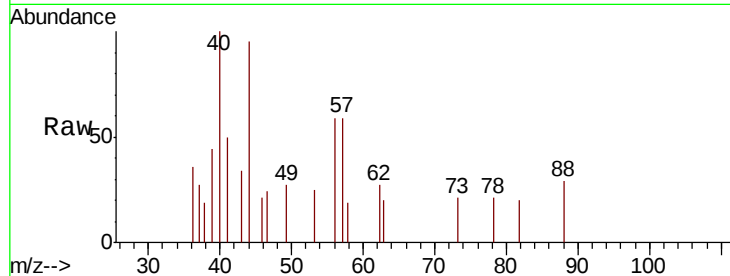




#49
1,4-Dioxane
Concen: 0.426 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.05 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

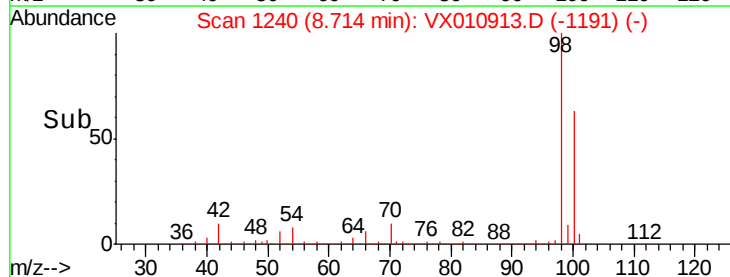
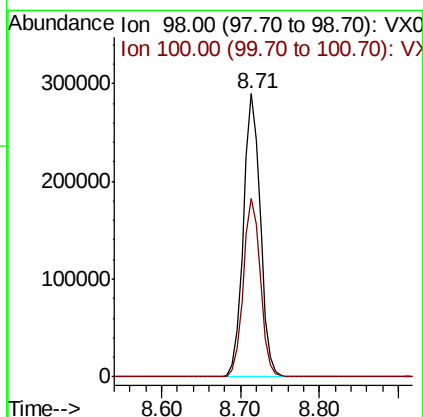
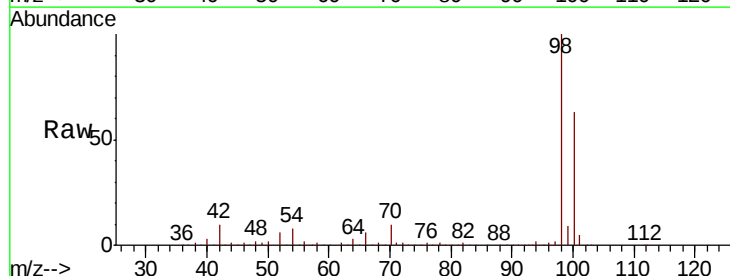
Instrument :
MSVOA_X
ClientSampleId :
FL-0596DL

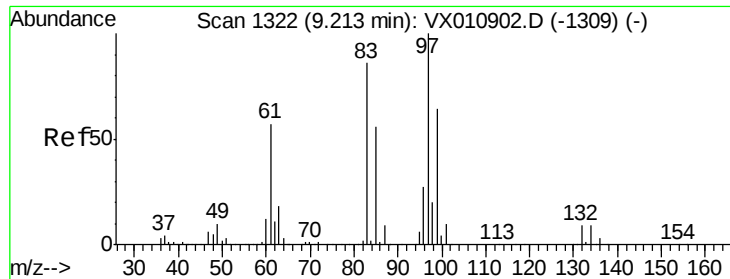
Tot Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 655.2 22.9 34.3#
58 137.9 49.8 74.8#



#50
Toluene-d8
Concen: 50.309 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

Tgt Ion: 98 Resp: 432501
Ion Ratio Lower Upper
98 100
100 63.4 50.6 75.8





#55

1,1,2-Trichloroethane

Concen: 1.006 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

FL-0596DL

Tot Ion: 97 Resp: 2473

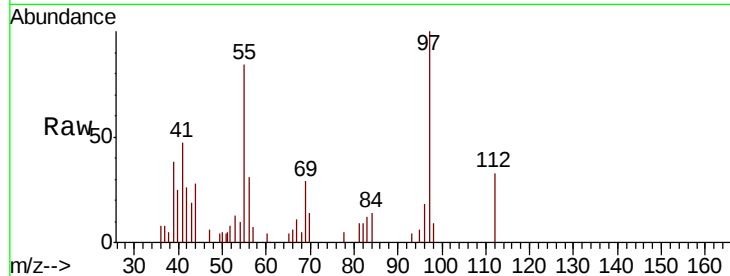
Ion Ratio Lower Upper

97 100

83 11.9 69.2 103.8#

85 0.0 44.6 66.8#

99 0.0 51.2 76.8#

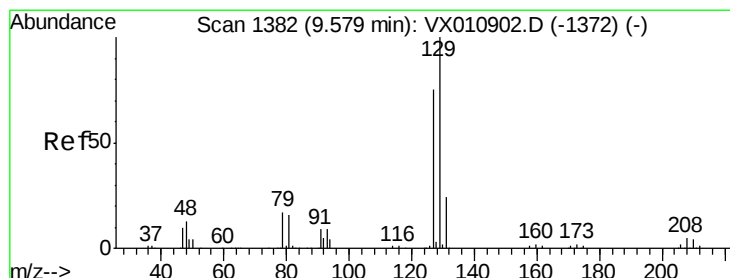
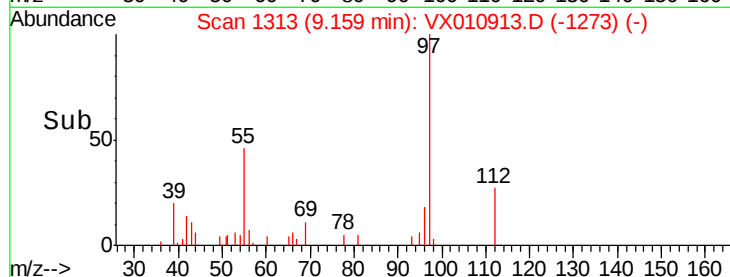
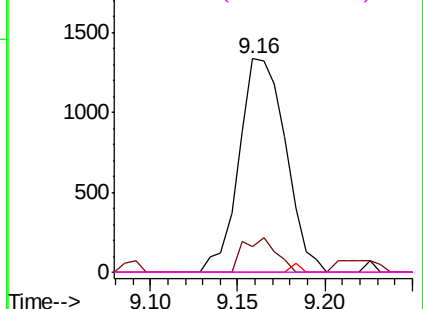


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 2.598 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010913.D

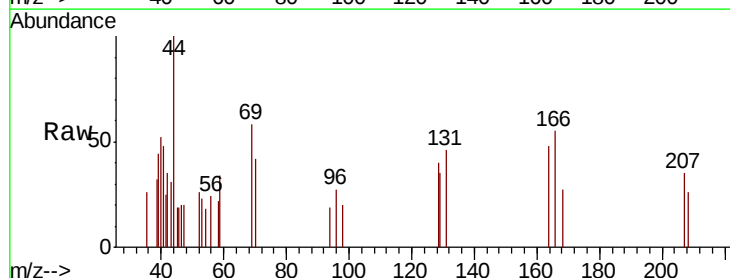
Acq: 16 Jul 2019 17:52

Tgt Ion:129 Resp: 210

Ion Ratio Lower Upper

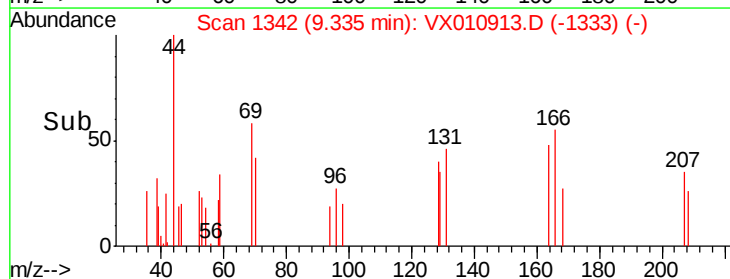
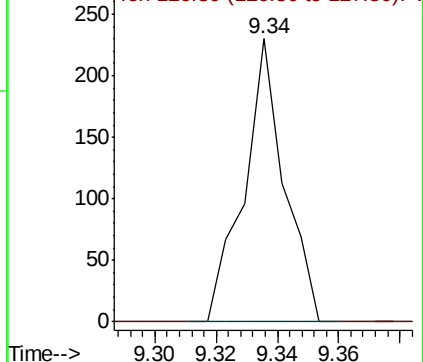
129 100

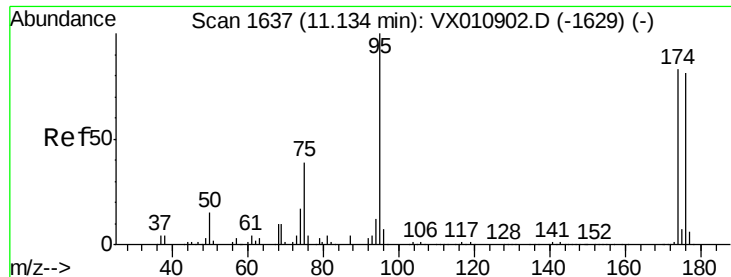
127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 48.150 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

FL-0596DL

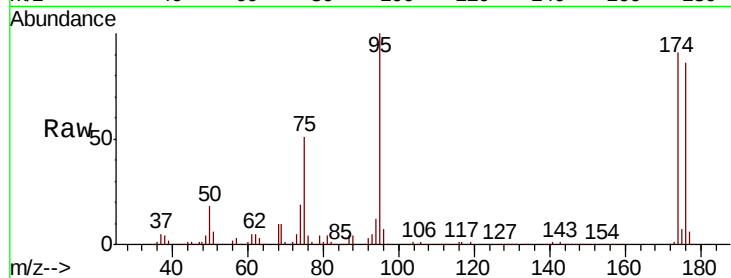
Tot Ion: 95 Resp: 152151

Ion Ratio Lower Upper

95 100

174 92.5 0.0 180.6

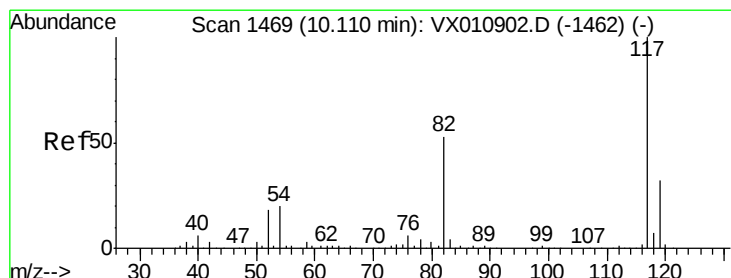
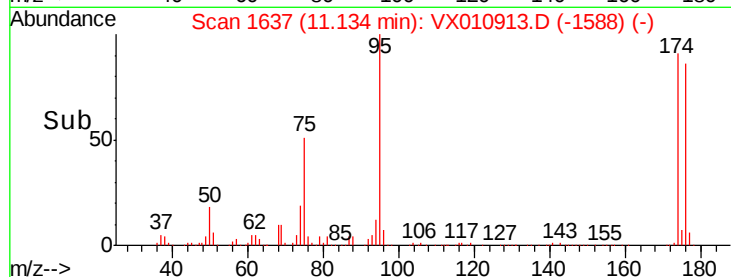
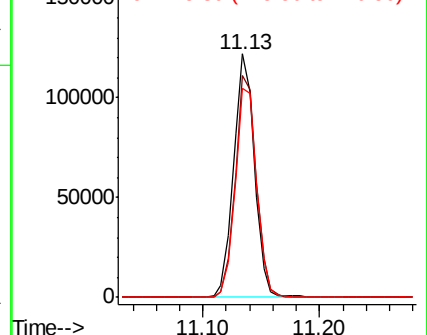
176 88.7 0.0 173.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

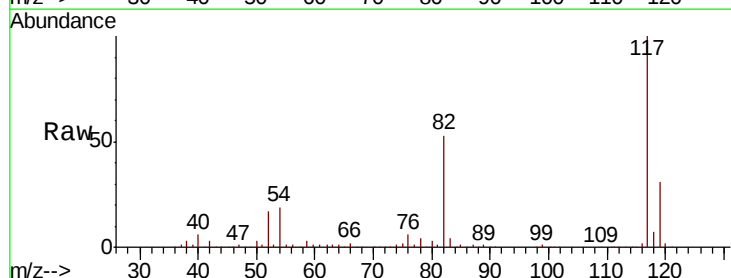
Tgt Ion: 117 Resp: 332561

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

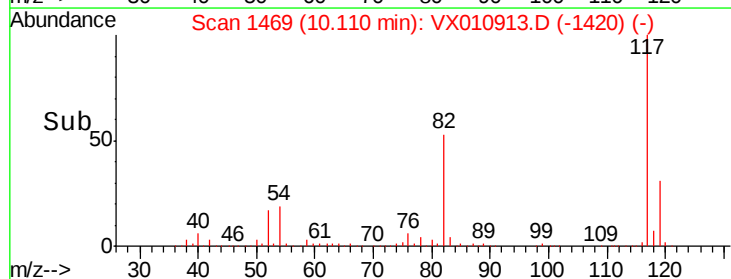
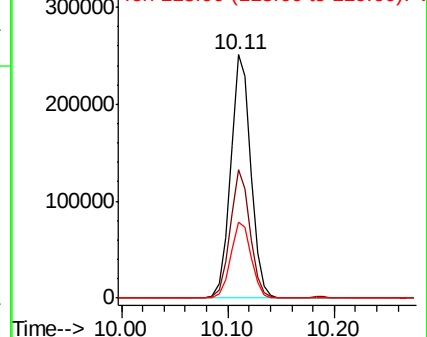
119 31.3 25.9 38.9

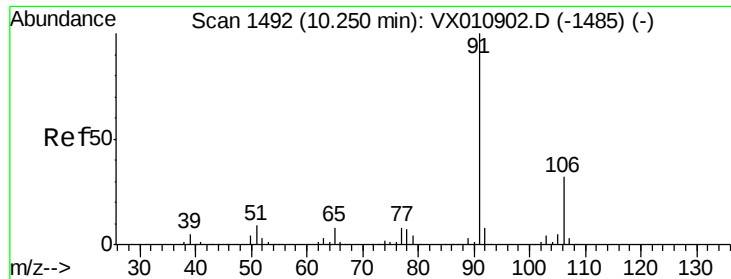


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

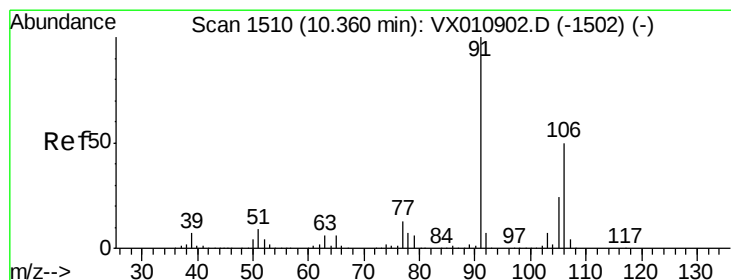
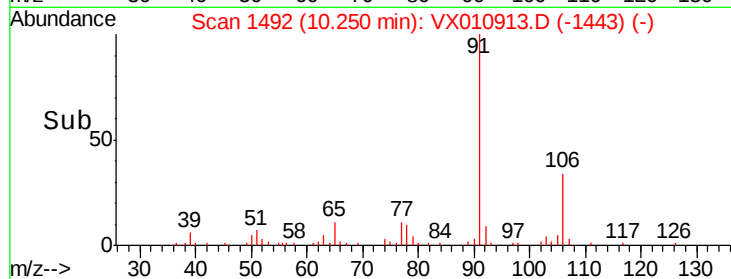
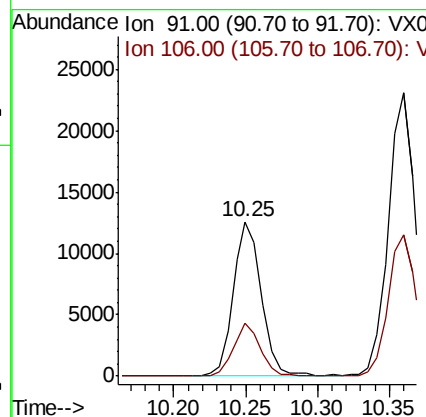
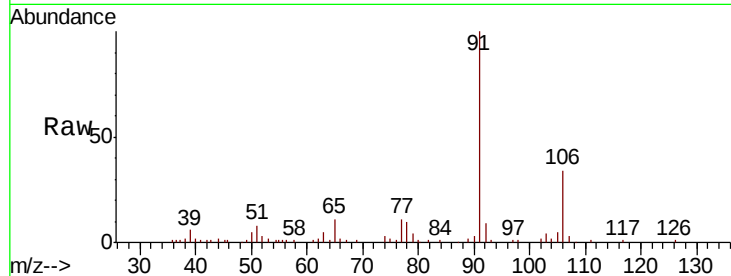




#67
Ethyl Benzene
Concen: 1.482 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

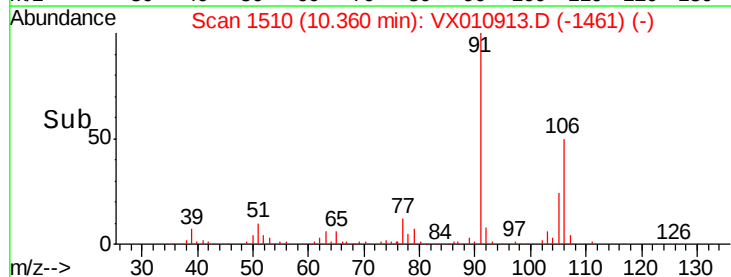
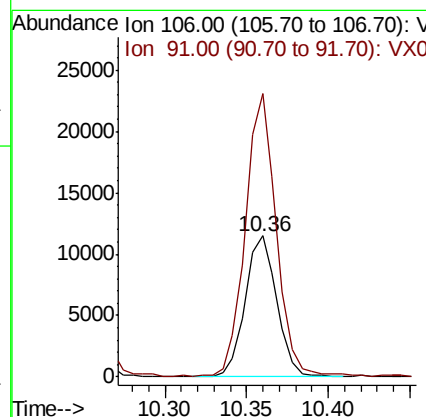
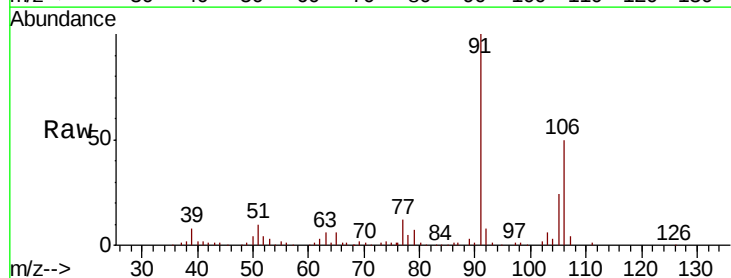
Instrument :
MSVOA_X
ClientSampled :
FL-0596DL

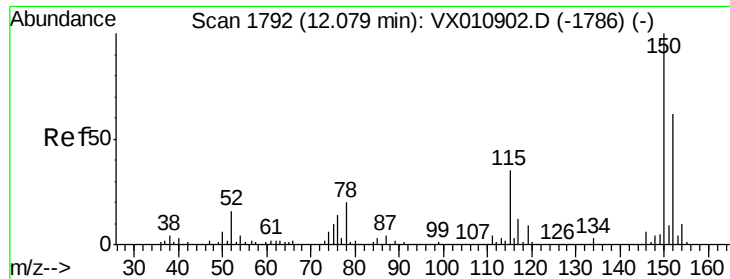
Tot Ion: 91 Resp: 17232
Ion Ratio Lower Upper
91 100
106 34.4 25.4 38.2



#68
m/p-Xylenes
Concen: 3.484 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

Tgt Ion: 106 Resp: 15537
Ion Ratio Lower Upper
106 100
91 198.0 160.1 240.1



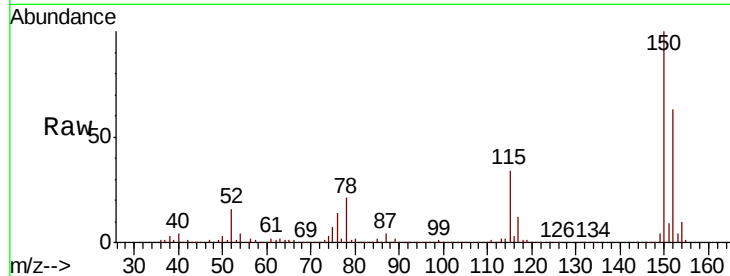


#72

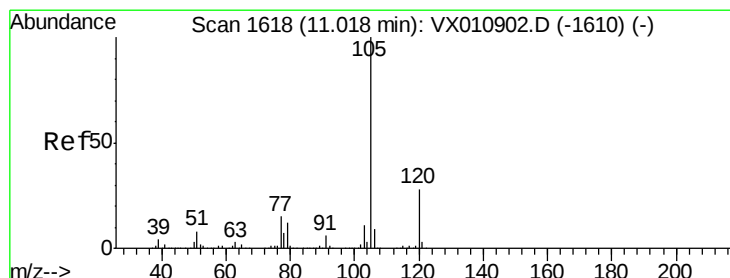
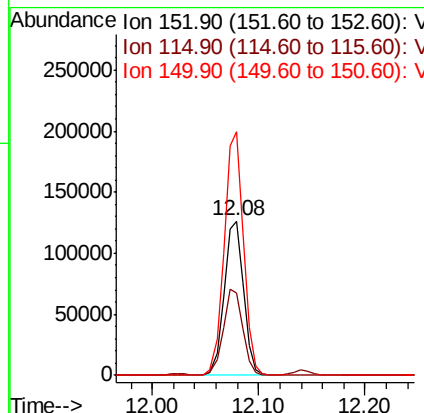
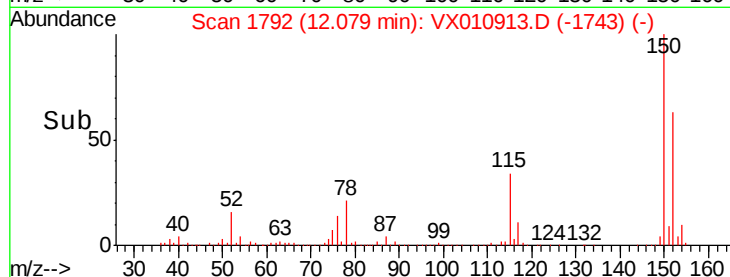
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
FL-0596DL

Tot Ion:152 Resp: 160681
Ion Ratio Lower Upper
152 100
115 55.9 39.7 119.1
150 156.8 0.0 345.6



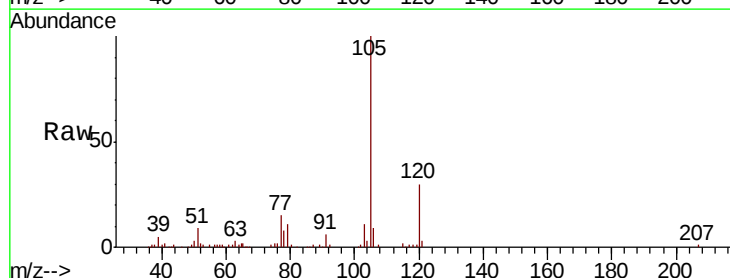
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



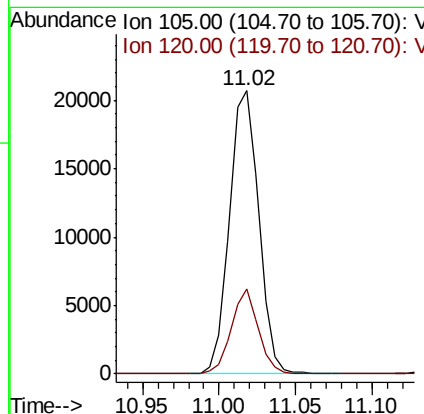
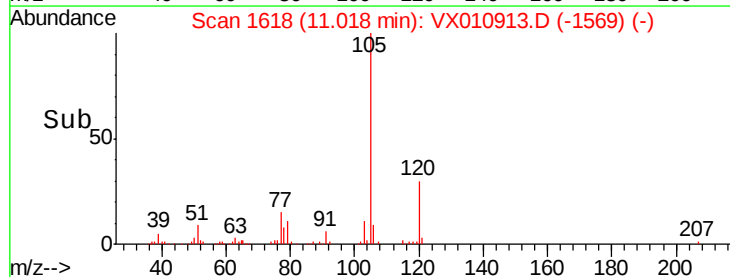
#73

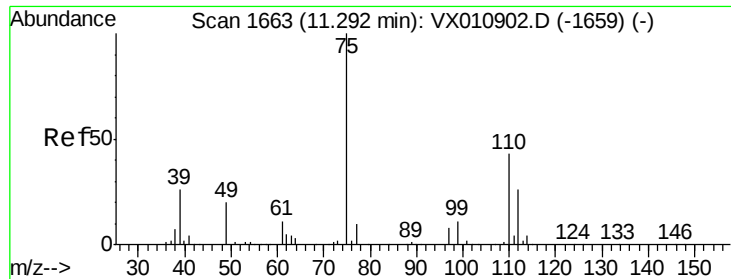
Isopropylbenzene
Concen: 2.526 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

Tgt Ion:105 Resp: 27422
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

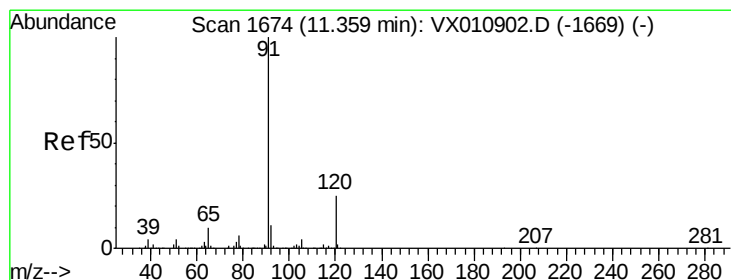
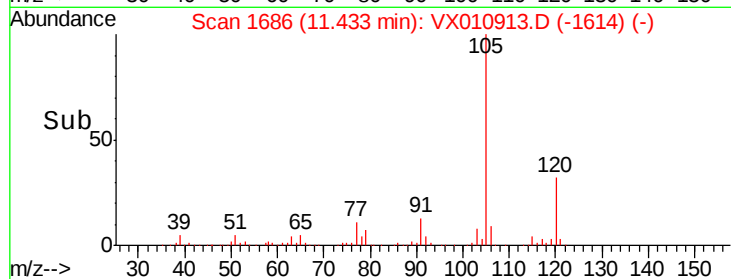
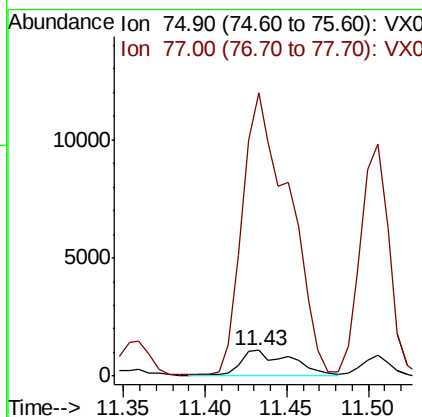
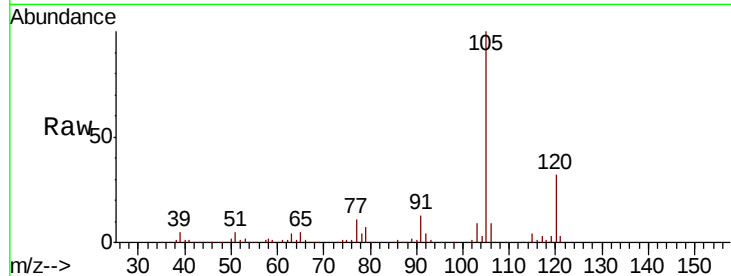




#76
 1,2,3-Trichloropropane
 Concen: 0.825 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.14 min
 Lab File: VX010913.D
 Acq: 16 Jul 2019 17:52

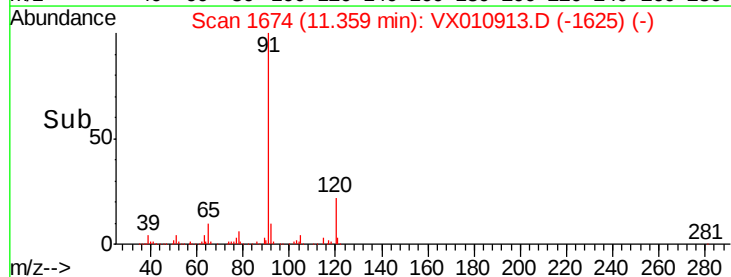
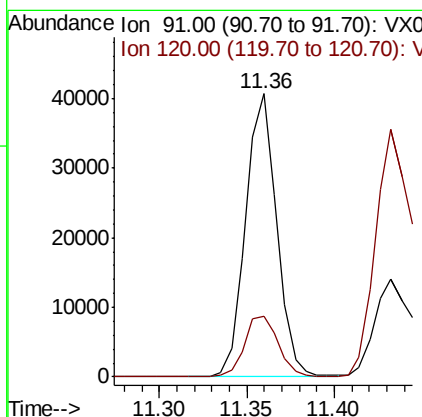
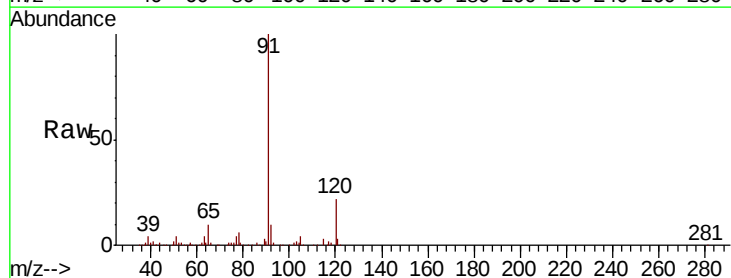
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0596DL

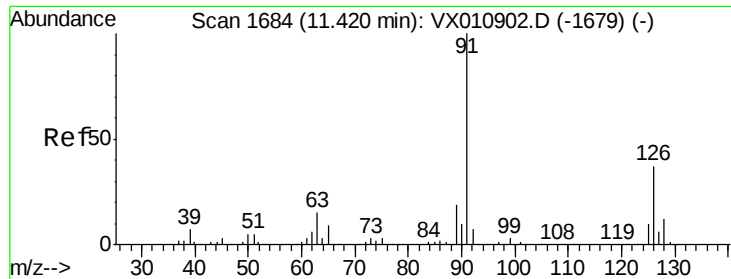
Tot Ion: 75 Resp: 2393
 Ion Ratio Lower Upper
 75 100
 77 1008.3 21.3 64.0#



#78
 n-propylbenzene
 Concen: 4.188 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX010913.D
 Acq: 16 Jul 2019 17:52

Tgt Ion: 91 Resp: 50242
 Ion Ratio Lower Upper
 91 100
 120 23.3 12.3 36.8

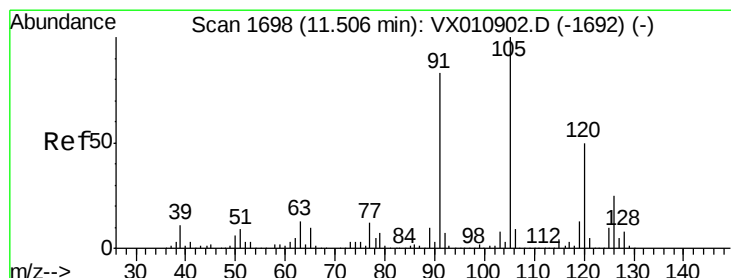
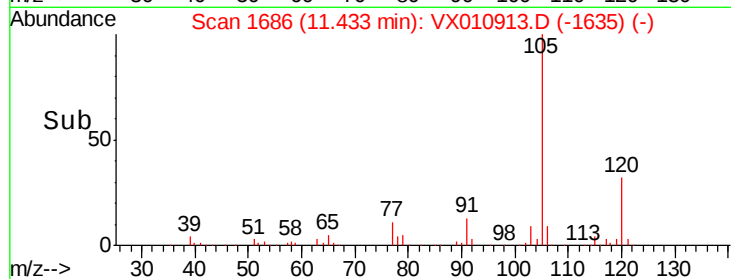
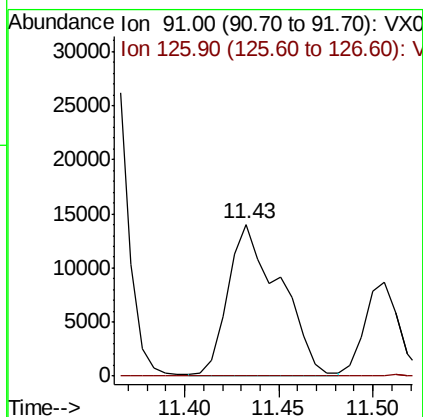
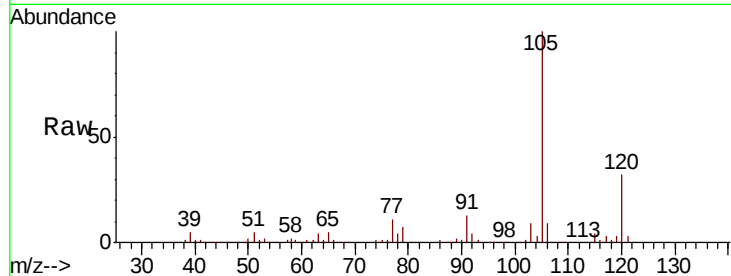




#79
 2-Chlorotoluene
 Concen: 3.745 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX010913.D
 Acq: 16 Jul 2019 17:52

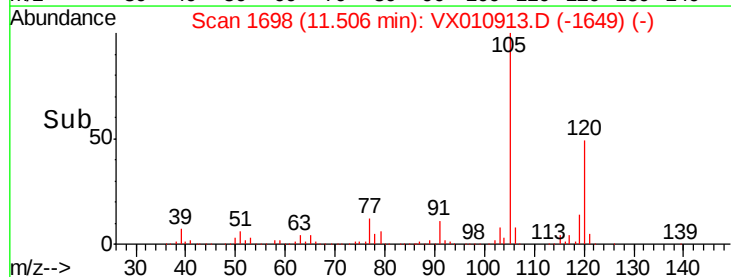
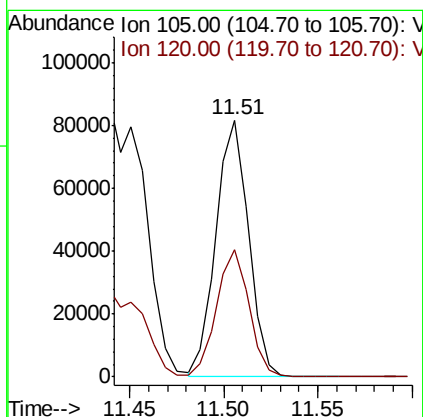
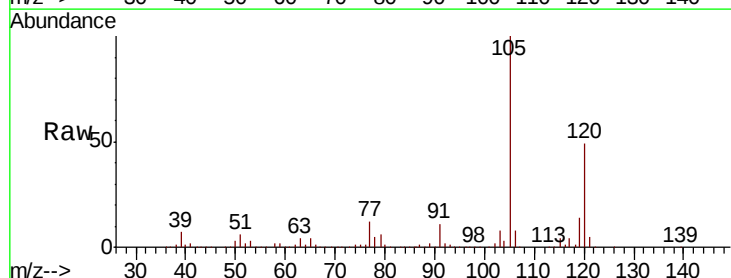
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0596DL

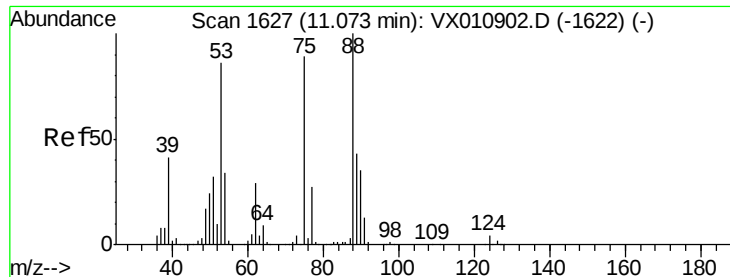
Tot Ion: 91 Resp: 26989
 Ion Ratio Lower Upper
 91 100
 126 0.3 18.0 54.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 10.804 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010913.D
 Acq: 16 Jul 2019 17:52

Tgt Ion: 105 Resp: 98016
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 64.816 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

FL-0596DL

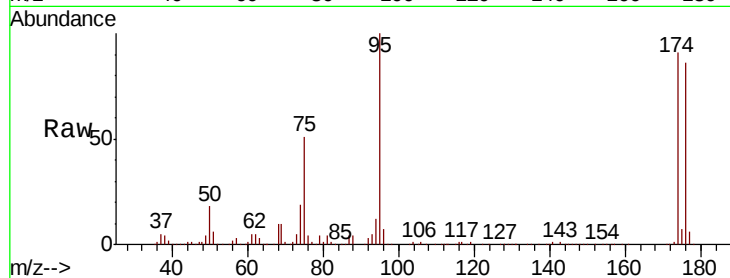
Tot Ion: 75 Resp: 75646

Ion Ratio Lower Upper

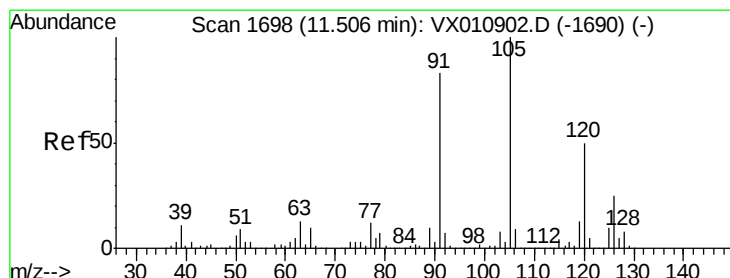
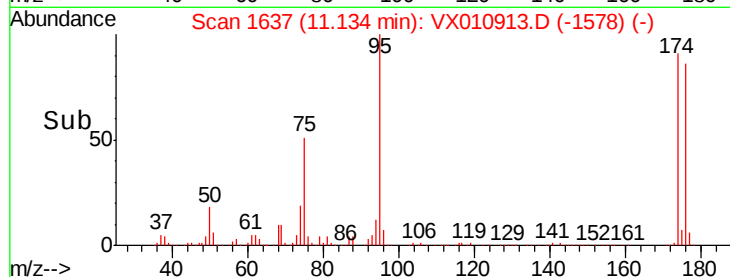
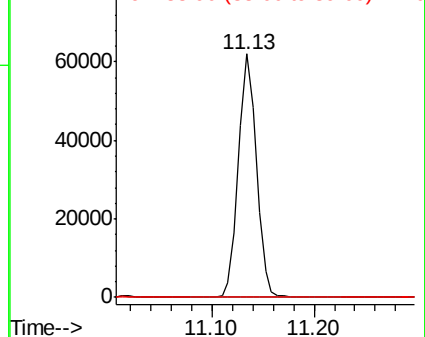
75 100

53 0.1 76.7 115.1#

89 0.1 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.326 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010913.D

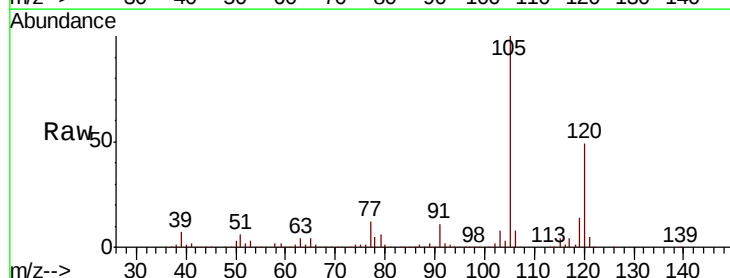
Acq: 16 Jul 2019 17:52

Tgt Ion: 91 Resp: 11124

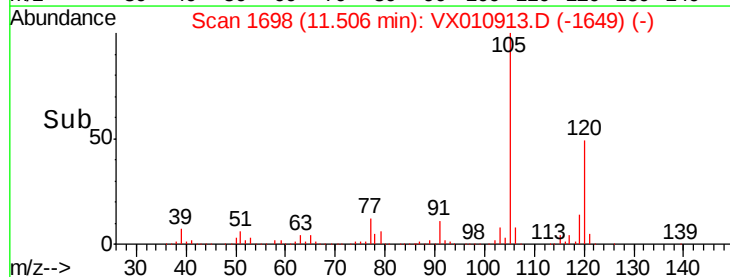
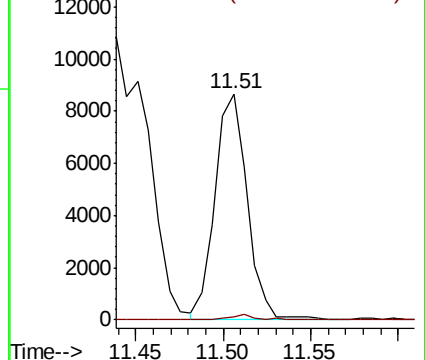
Ion Ratio Lower Upper

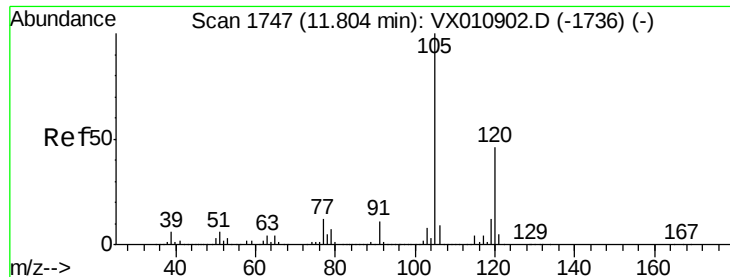
91 100

126 1.8 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 32.475 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010913.D

Acq: 16 Jul 2019 17:52

Instrument :

MSVOA_X

ClientSampled :

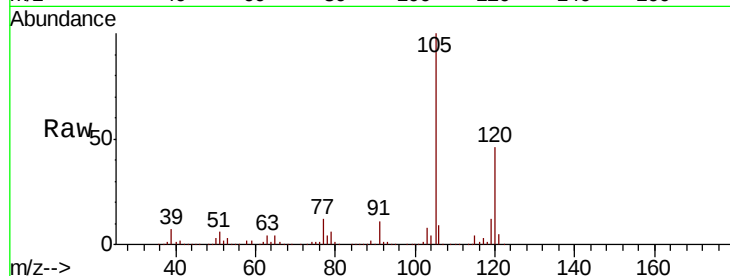
FL-0596DL

Tot Ion:105 Resp: 296950

Ion Ratio Lower Upper

105 100

120 47.0 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

250000

200000

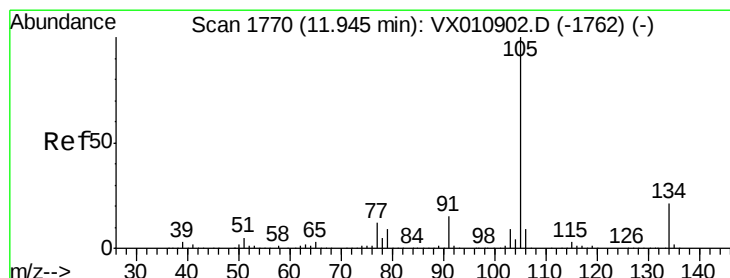
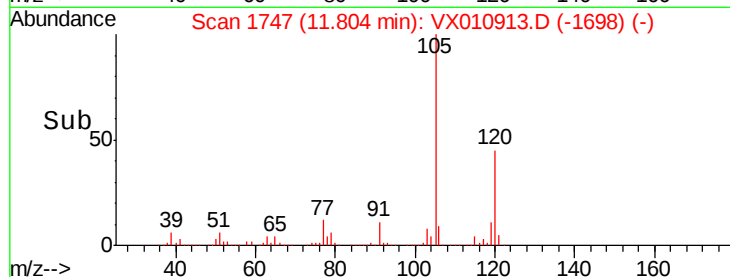
150000

100000

50000

0

Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 1.191 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010913.D

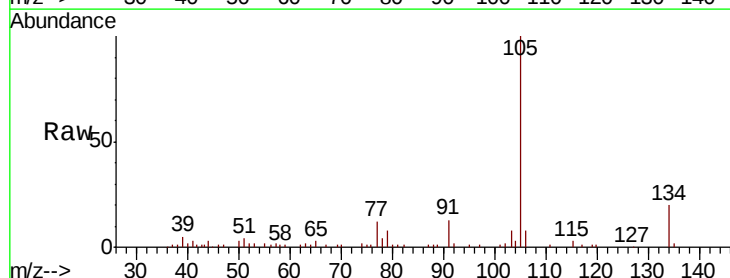
Acq: 16 Jul 2019 17:52

Tgt Ion:105 Resp: 12437

Ion Ratio Lower Upper

105 100

134 29.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

12000

10000

8000

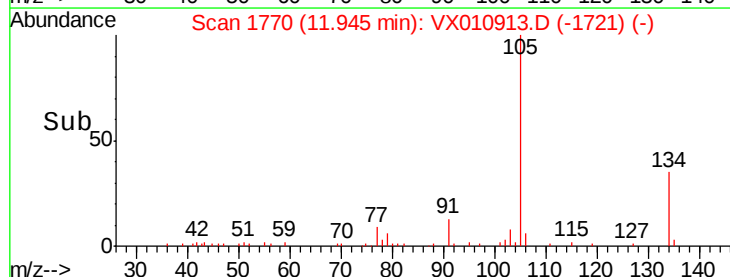
6000

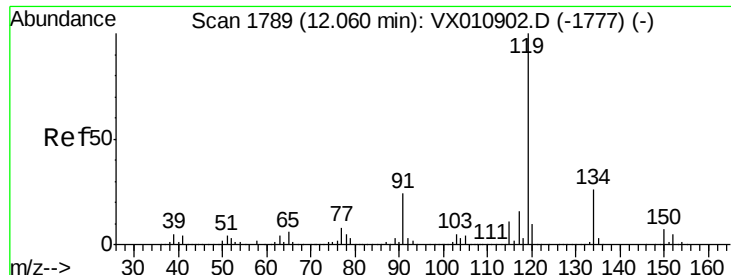
4000

2000

0

Time--> 11.90 11.95 12.00

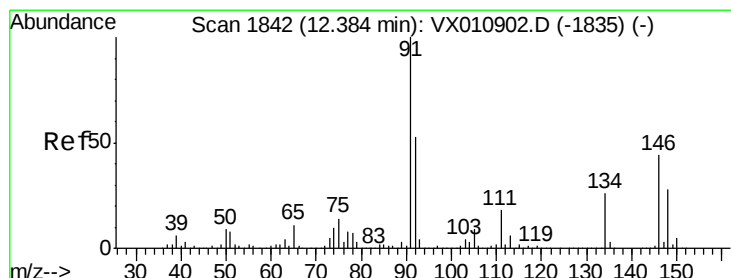
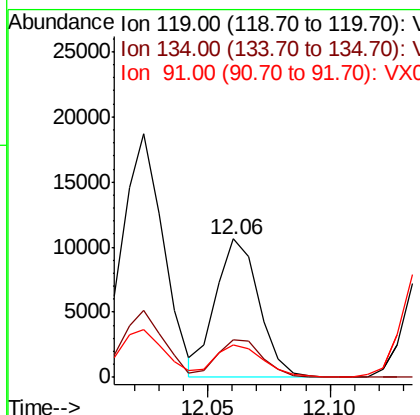
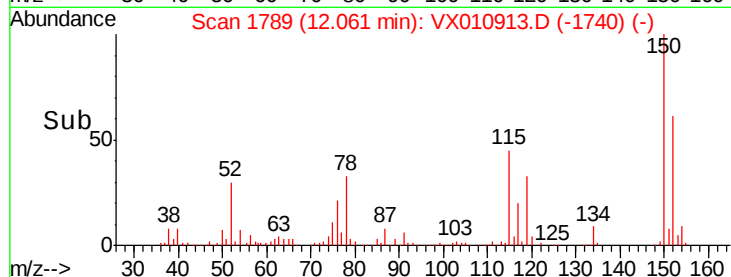
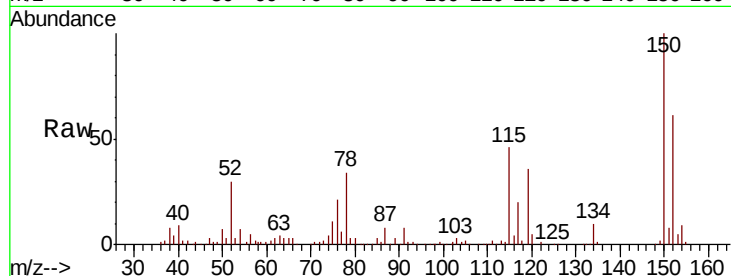




#86
 p-Isopropyltoluene
 Concen: 1.362 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010913.D
 Acq: 16 Jul 2019 17:52

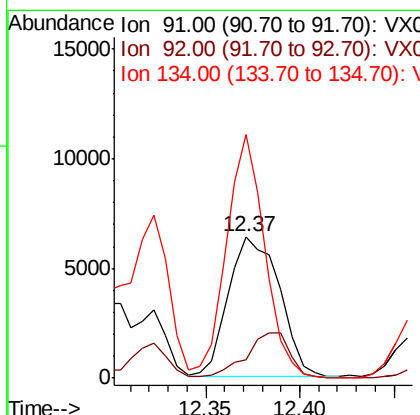
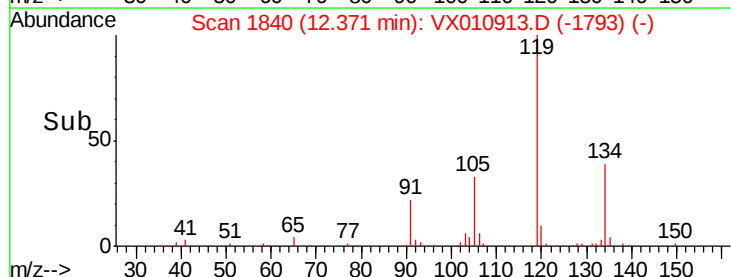
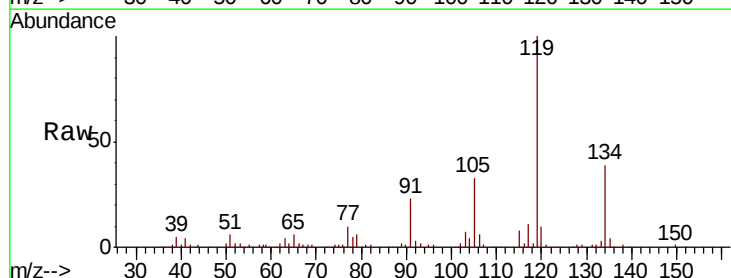
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0596DL

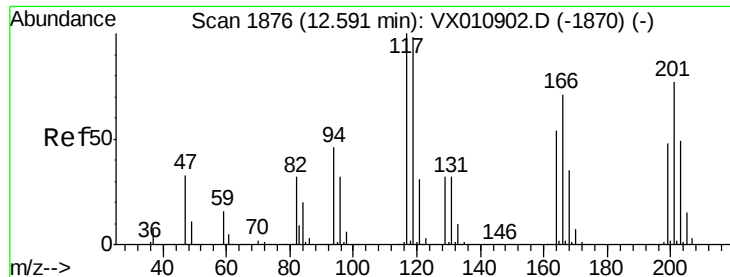
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.4	40.1
91	26.5	11.8	35.4



#89
 n-Butylbenzene
 Concen: 1.465 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX010913.D
 Acq: 16 Jul 2019 17:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	27.7	26.2	78.5
134	129.2	13.8	41.3#

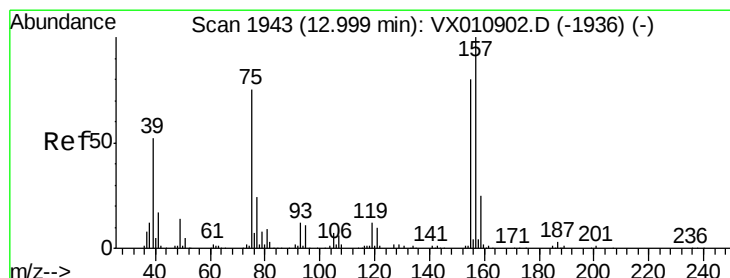
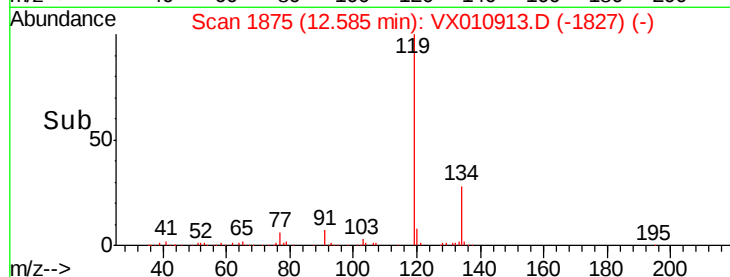
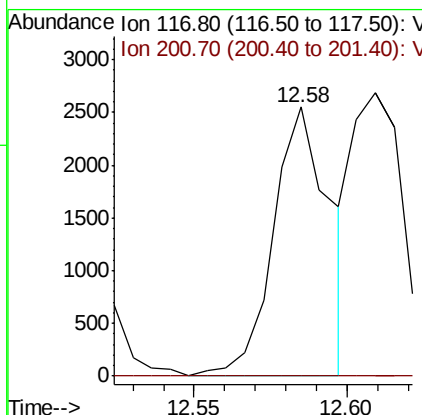
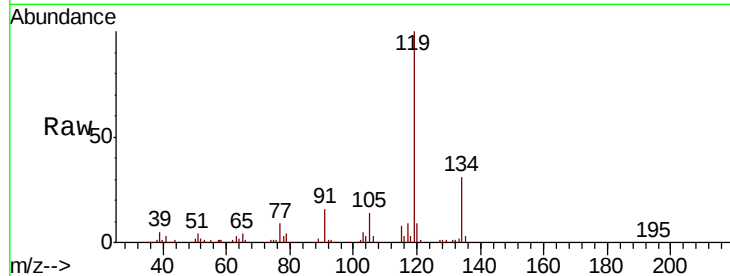




#90
 Hexachloroethane
 Concen: 2.157 ug/l
 RT: 12.58 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: VX010913.D
 Acq: 16 Jul 2019 17:52

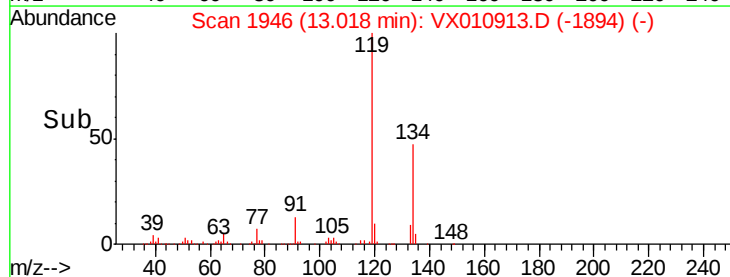
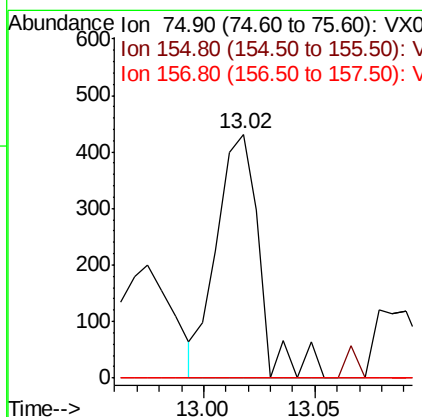
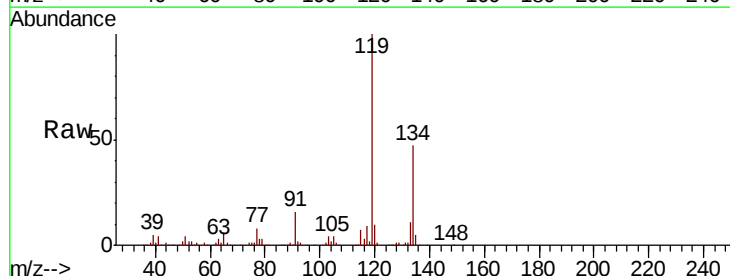
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0596DL

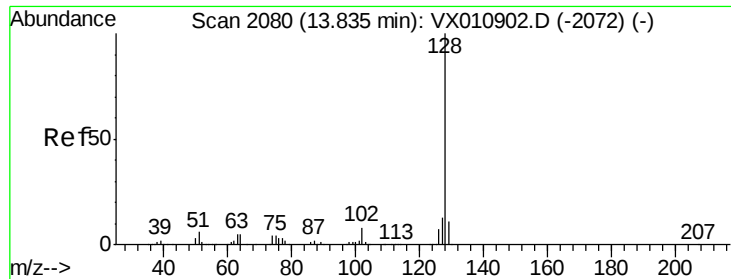
Tot Ion:117 Resp: 3284
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.3 129.8#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.780 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX010913.D
 Acq: 16 Jul 2019 17:52

Tgt Ion: 75 Resp: 579
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 0.0 62.5 187.6#

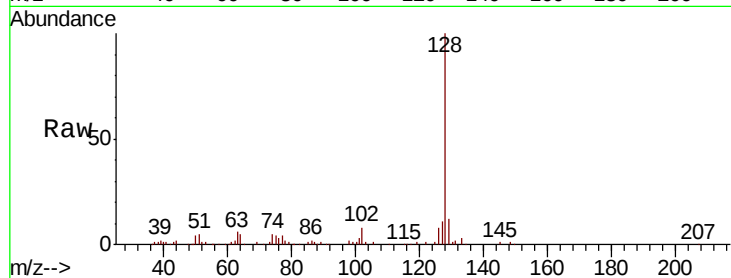




#95
Naphthalene
Concen: 2.684 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010913.D
Acq: 16 Jul 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
FL-0596DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.4	15.6
129	14.1	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

