

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010539.D
 Acq On : 28 Jun 2019 16:58
 Operator : JC/SP
 Sample : K3565-06DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0571DL

Quant Time: Jun 29 04:39:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	240211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112560	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	5.50	113	109271	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	8.71	98	433686	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.13	95	153457	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	492	0.253	ug/l #	82
5) Bromomethane	1.64	94	429	0.413	ug/l #	64
11) Tert butyl alcohol	3.02	59	21939	37.227	ug/l #	74
13) Acrolein	2.31	56	191	0.489	ug/l #	14
14) Allyl chloride	2.83	41	6027	2.039	ug/l #	72
15) Acrylonitrile	3.17	53	2003	1.717	ug/l #	44
16) Acetone	2.46	43	2874	2.546	ug/l	96
18) Methyl Acetate	2.83	43	13350	5.934	ug/l #	48
20) Methylene Chloride	2.85	84	873	0.376	ug/l #	53
25) 2-Butanone	4.70	43	903	0.545	ug/l #	77
31) Cyclohexane	5.57	56	49132	15.103	ug/l	95
36) 1,1-Dichloropropene	5.65	75	14862	5.140	ug/l #	48
38) Carbon Tetrachloride	5.65	117	21079	6.732	ug/l #	16
39) Methylcyclohexane	7.46	83	35510	9.343	ug/l	94
40) Benzene	6.14	78	453868	50.384	ug/l	99
42) 1,2-Dichloroethane	6.14	62	3856	1.406	ug/l #	71
43) Isopropyl Acetate	6.45	43	1098	0.223	ug/l #	61
48) Methyl methacrylate	7.73	41	1724	0.754	ug/l #	55
49) 1,4-Dioxane	7.71	88	23	0.349	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	1134	0.360	ug/l	92
52) Toluene	8.78	92	407848	68.751	ug/l	100
53) t-1,3-Dichloropropene	8.78	75	4509	1.345	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	1751	0.716	ug/l #	19
67) Ethyl Benzene	10.25	91	532819	46.162	ug/l	100
68) m/p-Xylenes	10.36	106	844505	188.827	ug/l	99
69) o-Xylene	10.69	106	196498	44.677	ug/l	99
70) Styrene	10.69	104	9503	1.288	ug/l #	1
73) Isopropylbenzene	11.02	105	50689	4.481	ug/l	98
76) 1,2,3-Trichloropropane	11.43	75	2377	0.782	ug/l #	1
78) n-propylbenzene	11.36	91	52466	4.220	ug/l	98
79) 2-Chlorotoluene	11.43	91	29545	3.991	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	94853	10.171	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	74044	56.804	ug/l #	16
82) 4-Chlorotoluene	11.51	91	9615	1.141	ug/l #	43

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

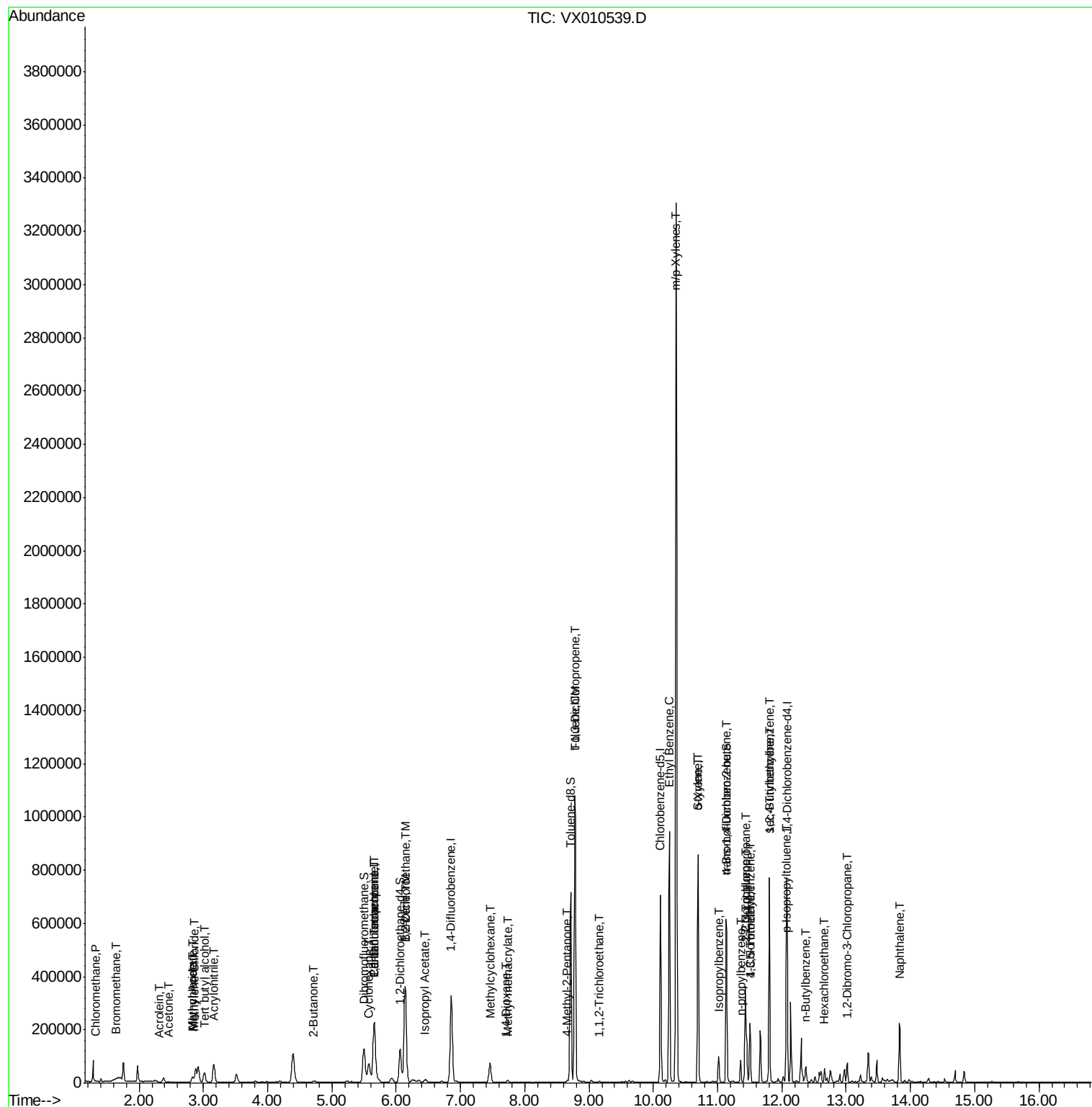
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	325042	34.692	ug/l	97
85) sec-Butylbenzene	11.80	105	325042	29.577	ug/l #	55
86) p-Isopropyltoluene	12.06	119	6968	0.685	ug/l	91
89) n-Butylbenzene	12.38	91	7783	0.901	ug/l #	18
90) Hexachloroethane	12.66	117	2416	1.375	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	362	0.448	ug/l #	1
95) Naphthalene	13.83	128	143480	12.286	ug/l	99

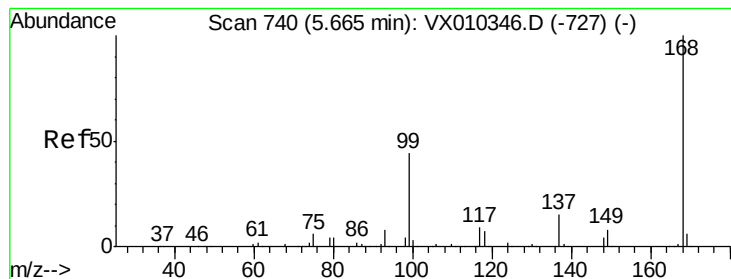
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

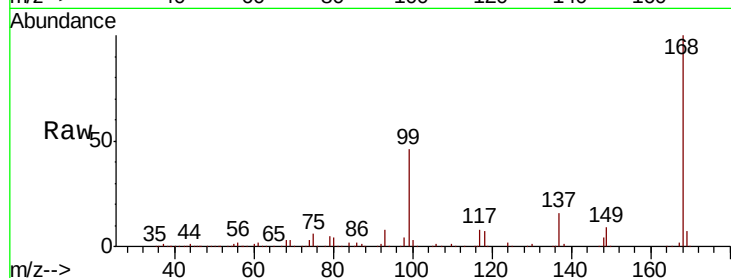
FL-0571DL

Tot Ion:168 Resp: 240211

Ion Ratio Lower Upper

168 100

99 46.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

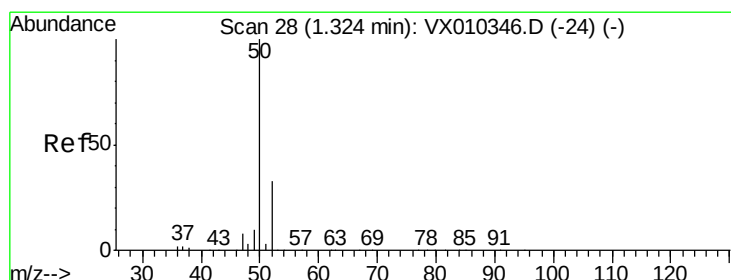
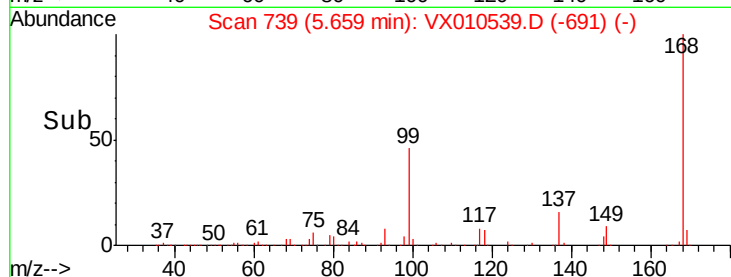
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.253 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010539.D

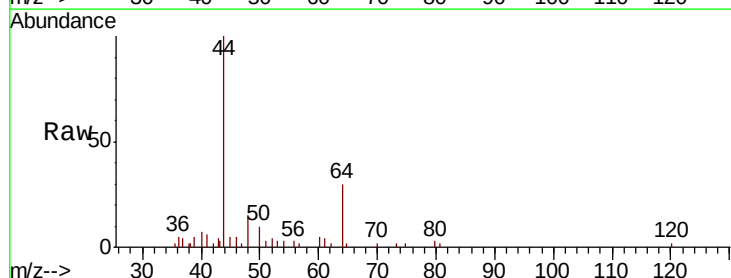
Acq: 28 Jun 2019 16:58

Tgt Ion: 50 Resp: 492

Ion Ratio Lower Upper

50 100

52 22.9 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

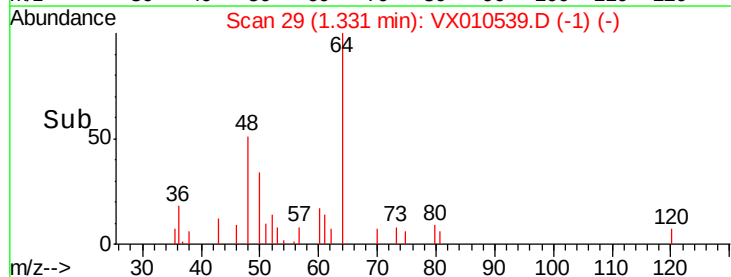
300

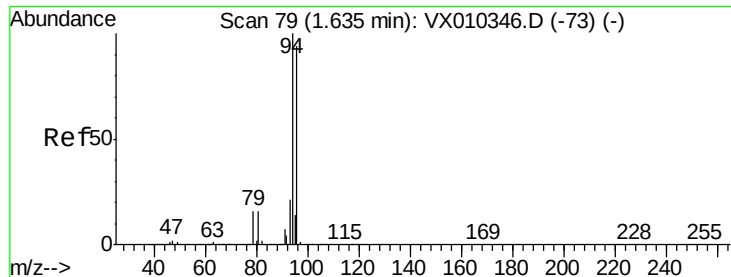
200

100

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.413 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampled :

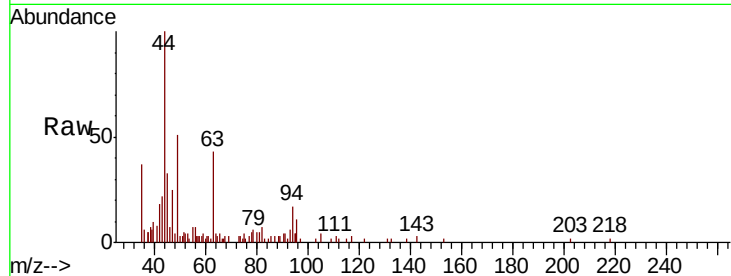
FL-0571DL

Tot Ion: 94 Resp: 429

Ion Ratio Lower Upper

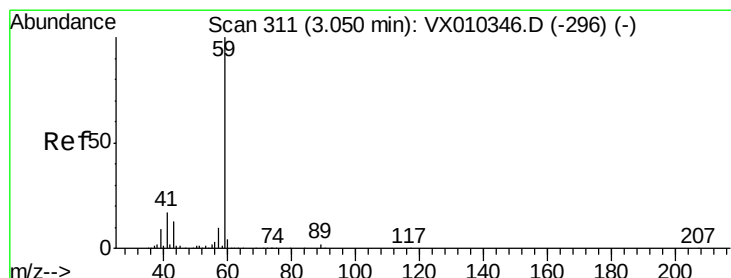
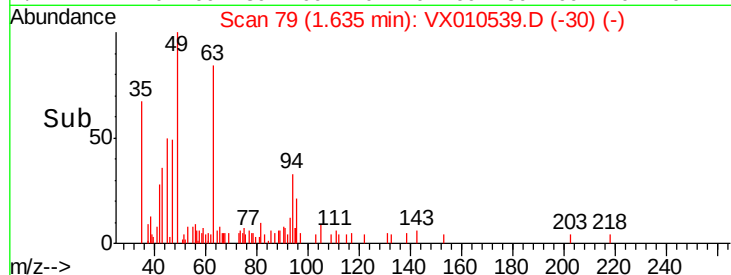
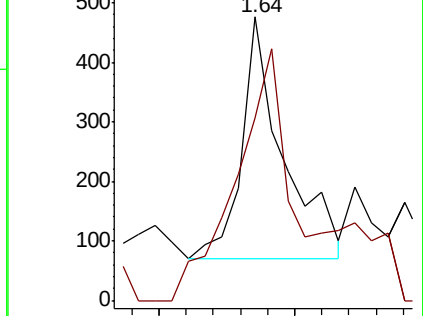
94 100

96 59.4 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 37.227 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010539.D

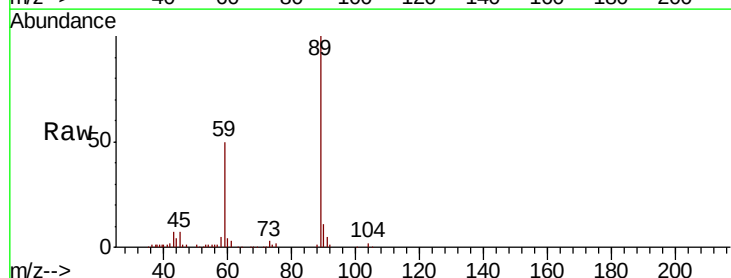
Acq: 28 Jun 2019 16:58

Tgt Ion: 59 Resp: 21939

Ion Ratio Lower Upper

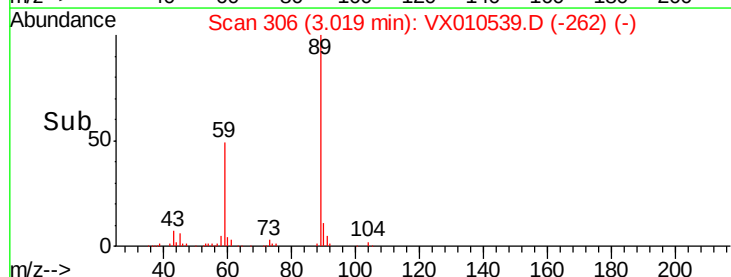
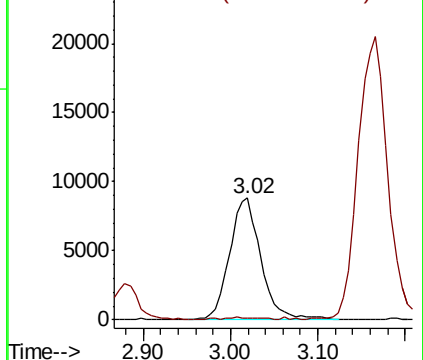
59 100

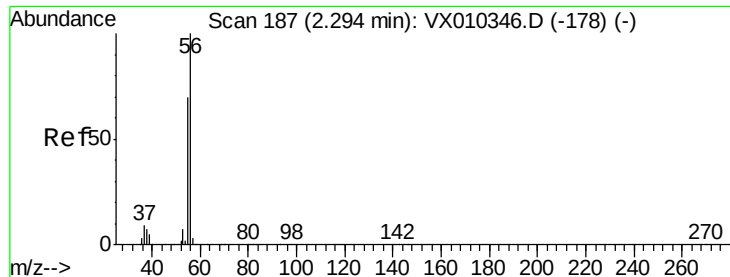
57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.489 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampled :

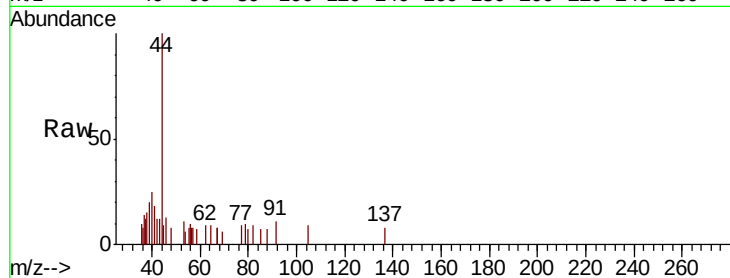
FL-0571DL

Tot Ion: 56 Resp: 191

Ion Ratio Lower Upper

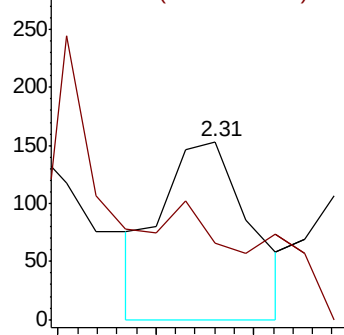
56 100

55 0.0 56.9 85.3#

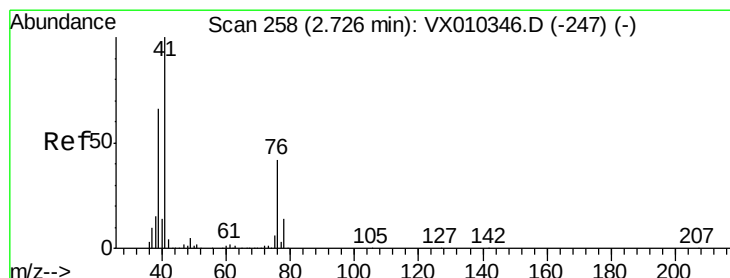
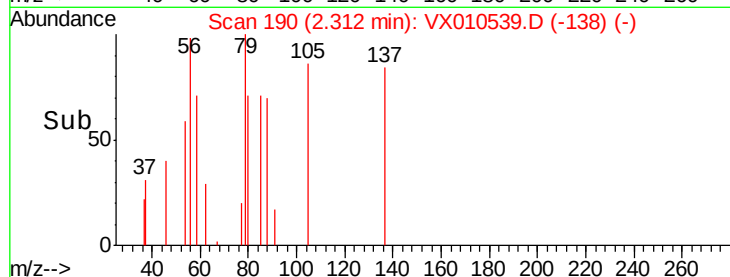


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 2.039 ug/l

RT: 2.83 min Scan# 275

Delta R.T. 0.10 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

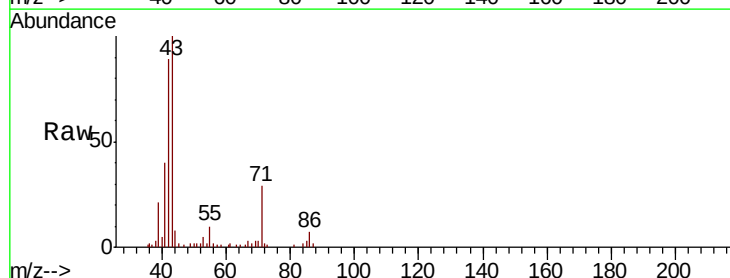
Tgt Ion: 41 Resp: 6027

Ion Ratio Lower Upper

41 100

39 57.9 50.3 75.5

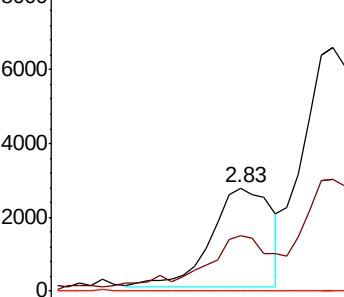
76 0.0 31.3 46.9#



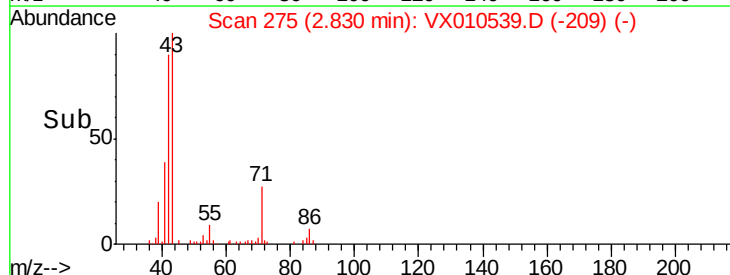
Abundance Ion 41.00 (40.70 to 41.70): VX0

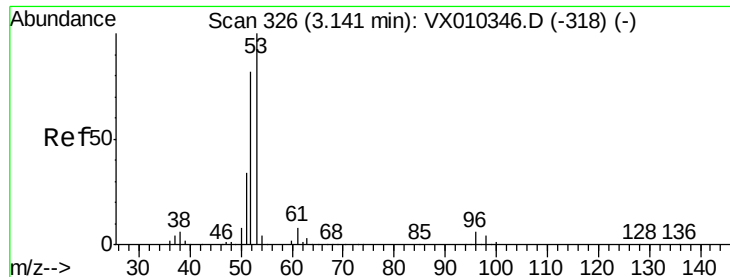
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 1.717 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampled :

FL-0571DL

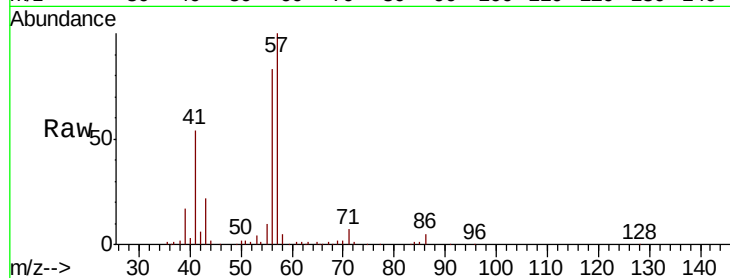
Tot Ion: 53 Resp: 2003

Ion Ratio Lower Upper

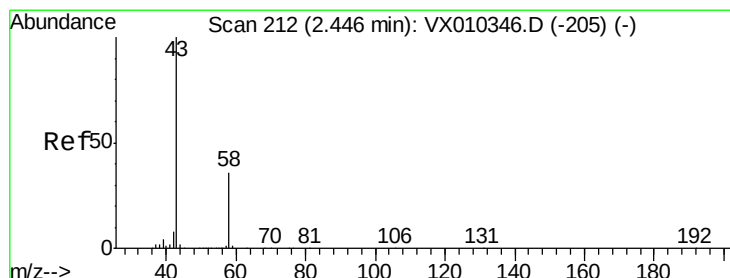
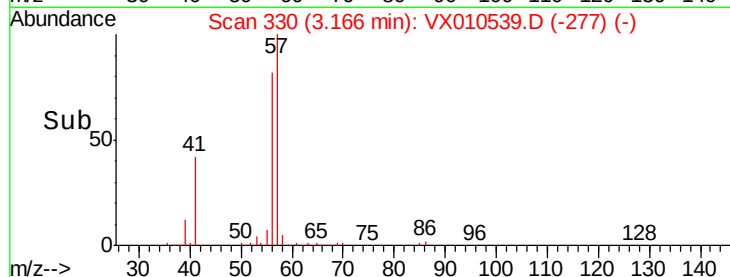
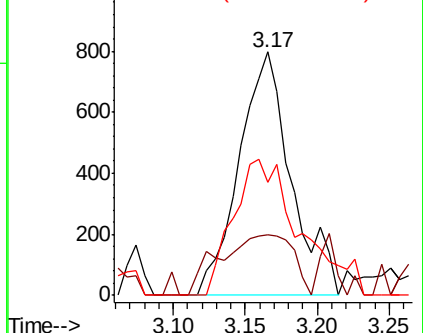
53 100

52 34.9 65.5 98.3#

51 72.1 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: 2.546 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX010539.D

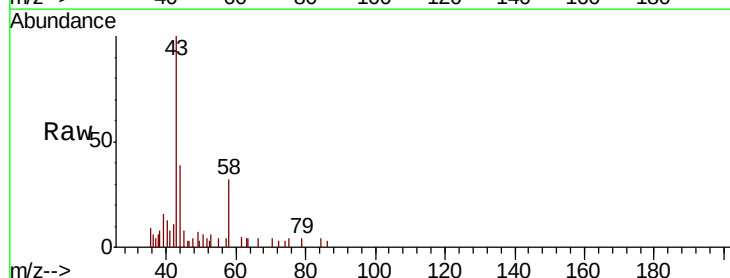
Acq: 28 Jun 2019 16:58

Tgt Ion: 43 Resp: 2874

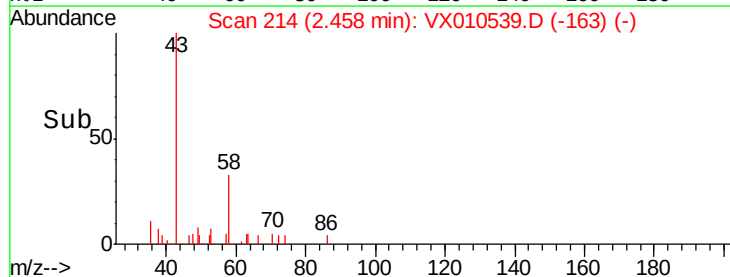
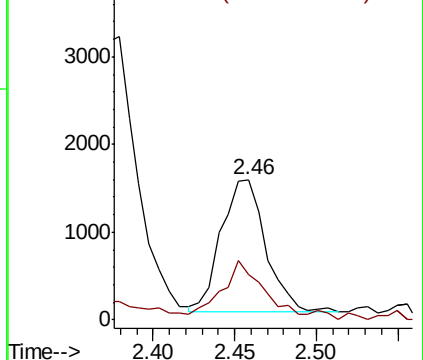
Ion Ratio Lower Upper

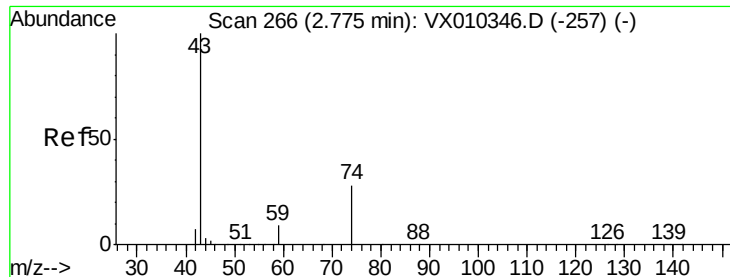
43 100

58 34.0 28.9 43.3



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

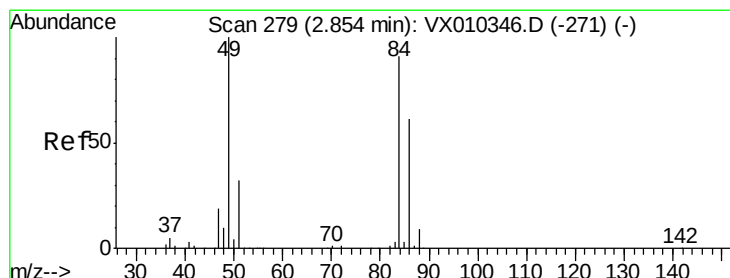
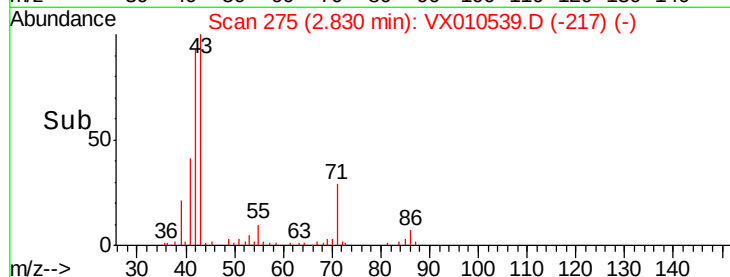
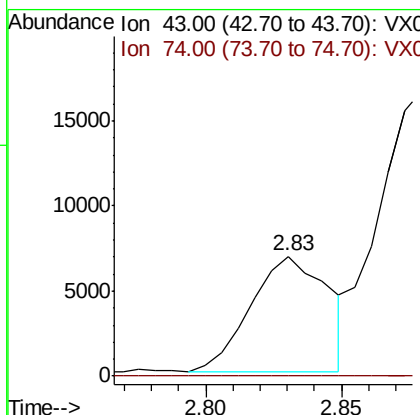
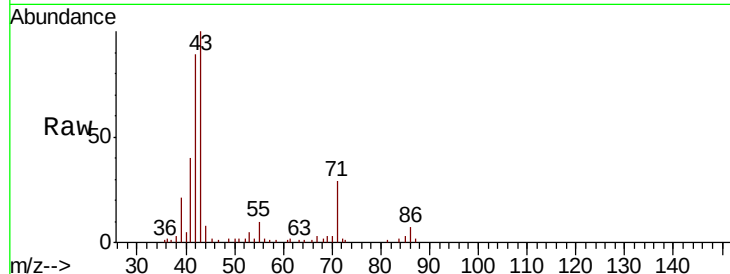




#18
Methvl Acetate
Concen: 5.934 ug/l
RT: 2.83 min Scan# 275
Delta R.T. 0.06 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

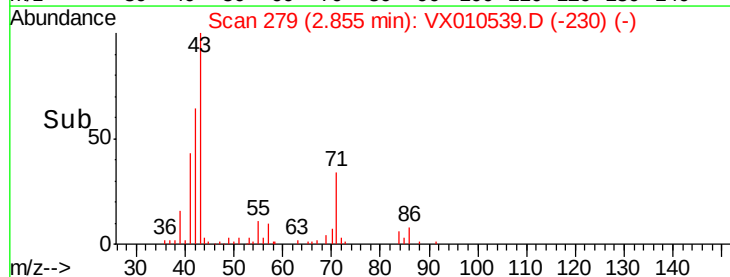
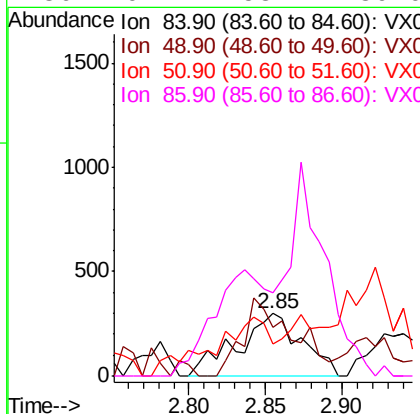
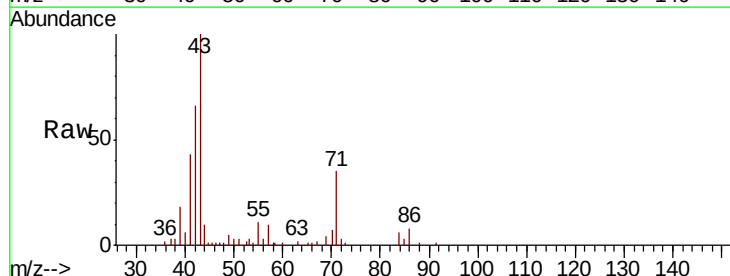
Instrument :
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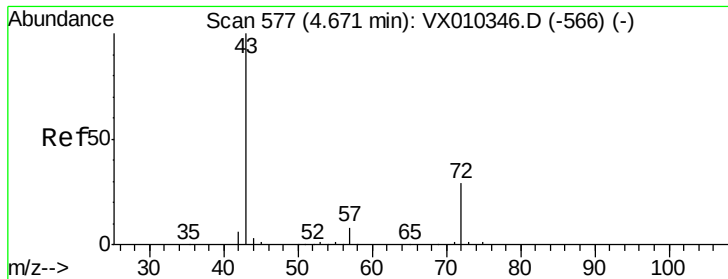
Tot Ion: 43 Resp: 13350
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



#20
Methylene Chloride
Concen: 0.376 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion: 84 Resp: 873
Ion Ratio Lower Upper
84 100
49 60.5 87.5 131.3#
51 10.4 27.7 41.5#
86 107.7 53.4 80.0#





#25

2-Butanone

Concen: 0.545 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.03 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

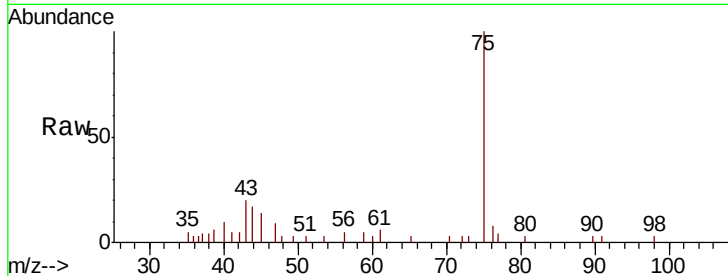
FL-0571DL

Tot Ion: 43 Resp: 903

Ion Ratio Lower Upper

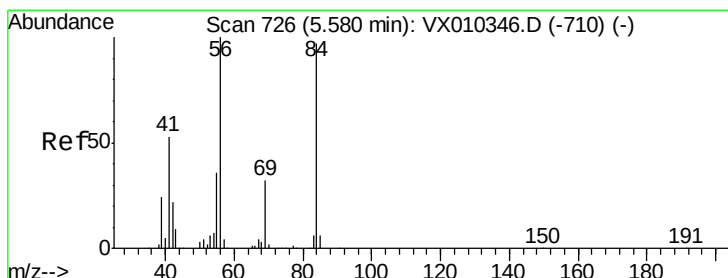
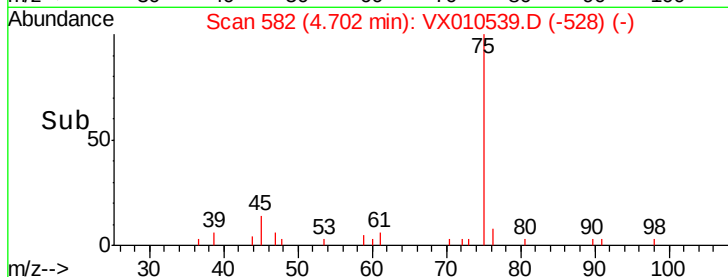
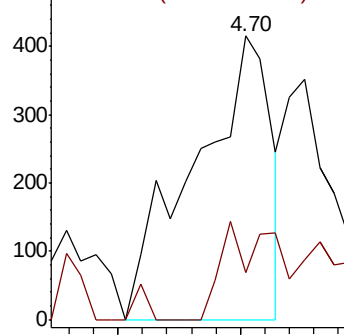
43 100

72 16.6 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 15.103 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

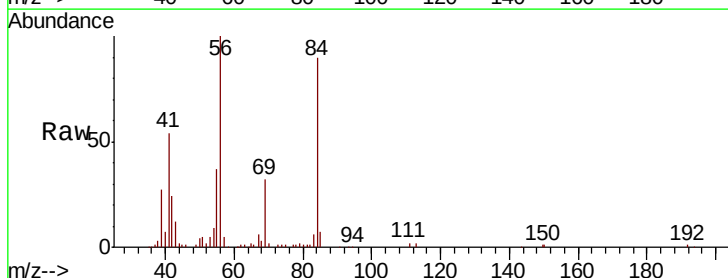
Tgt Ion: 56 Resp: 49132

Ion Ratio Lower Upper

56 100

69 31.0 25.9 38.9

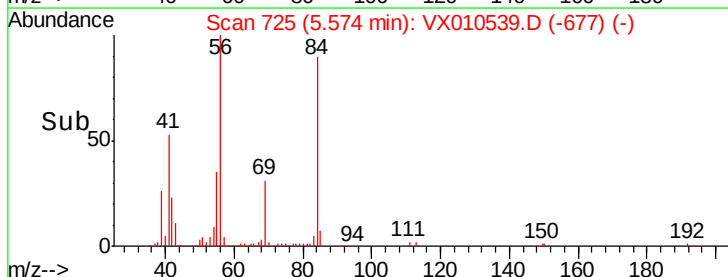
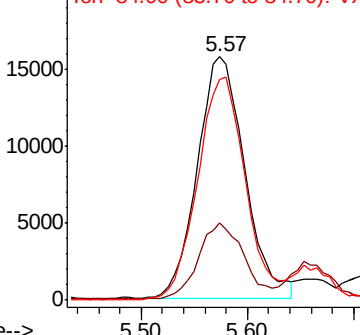
84 91.1 78.0 117.0

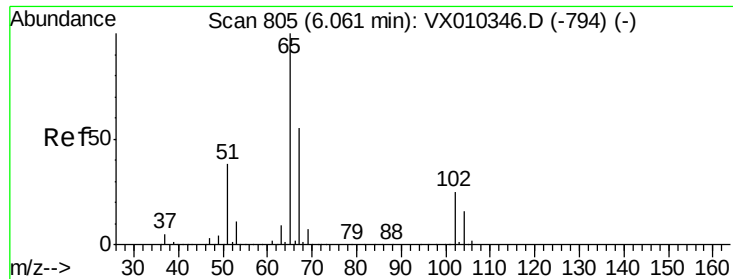


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

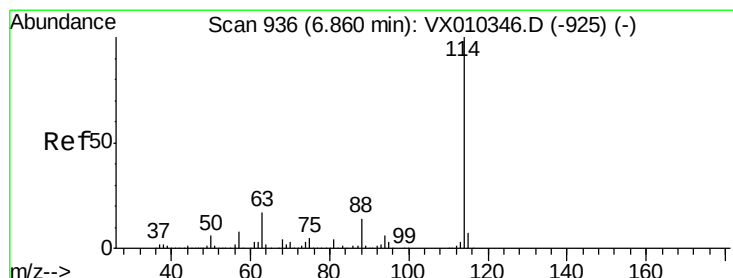
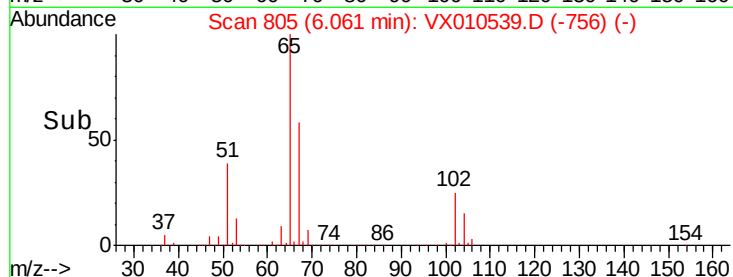
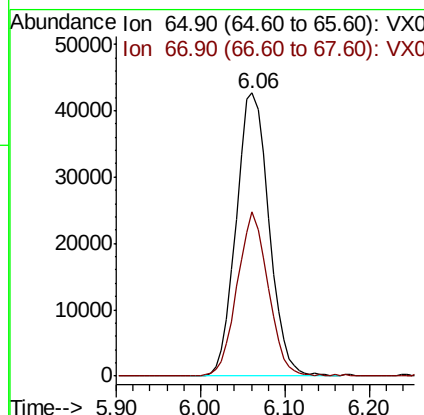
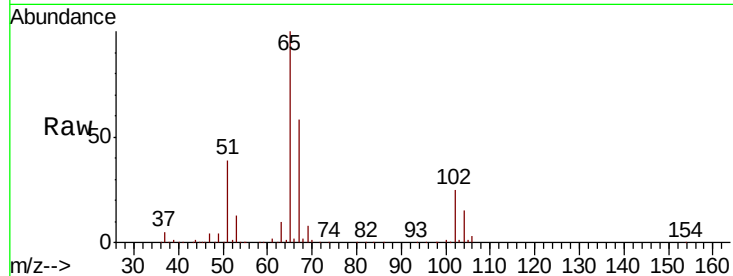




#33
 1,2-Dichloroethane-d4
 Concen: 49.977 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

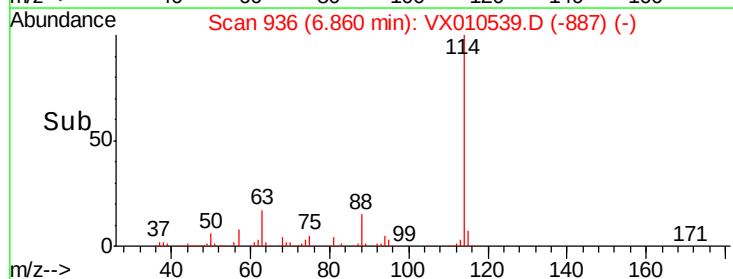
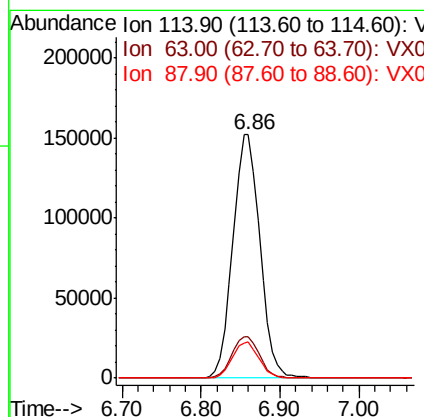
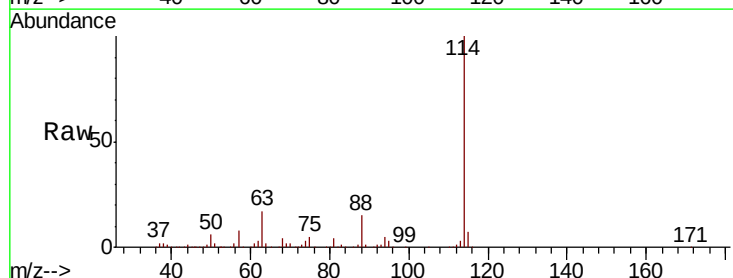
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0571DL

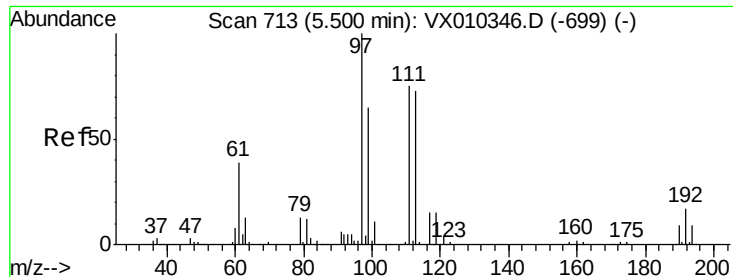
Tot Ion: 65 Resp: 112560
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

Tgt Ion: 114 Resp: 363862
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 14.7 0.0 27.6

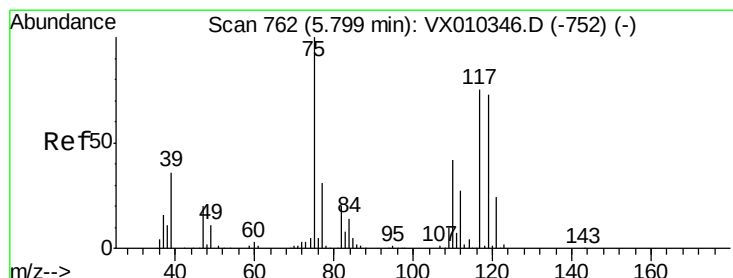
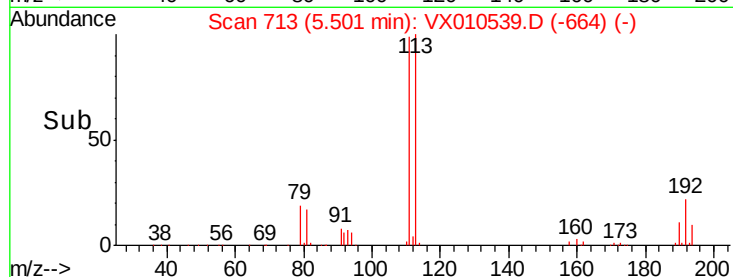
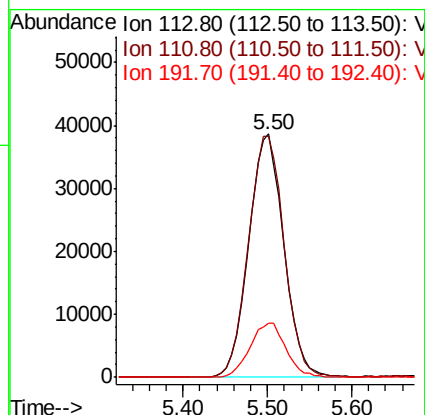
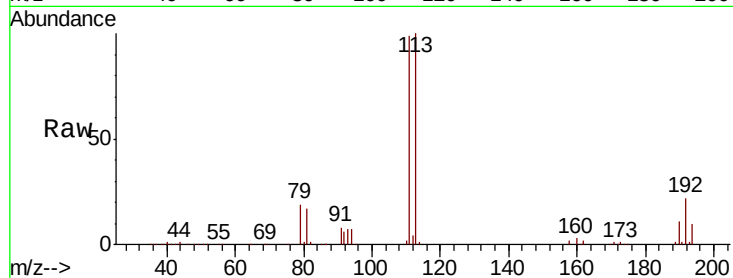




#35
 Dibromofluoromethane
 Concen: 49.083 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

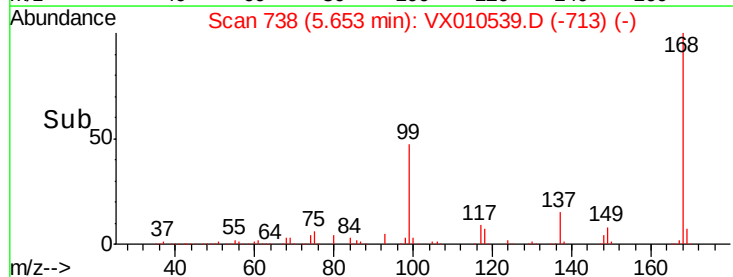
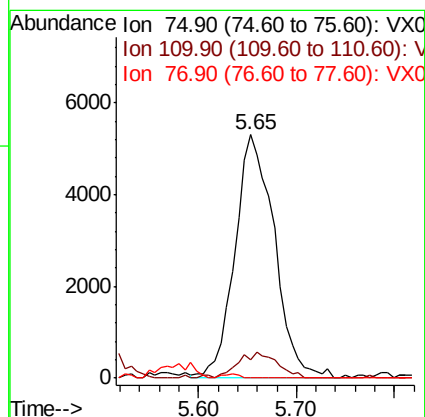
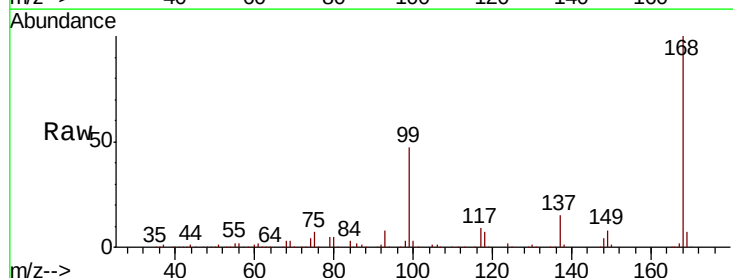
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0571DL

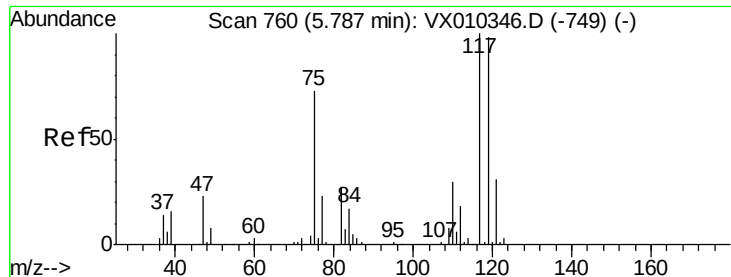
Tot Ion:113 Resp: 109271
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.2 121.8
 192 22.9 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.140 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

Tgt Ion: 75 Resp: 14862
 Ion Ratio Lower Upper
 75 100
 110 10.8 20.8 62.2#
 77 0.0 25.4 38.0#

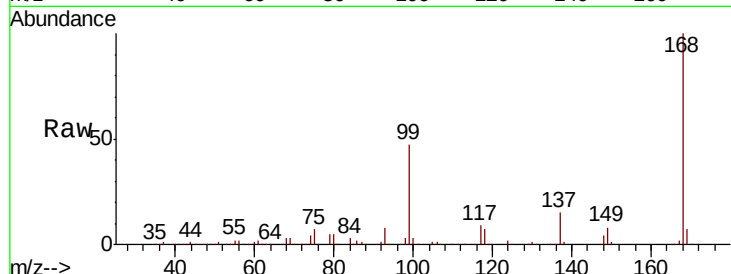




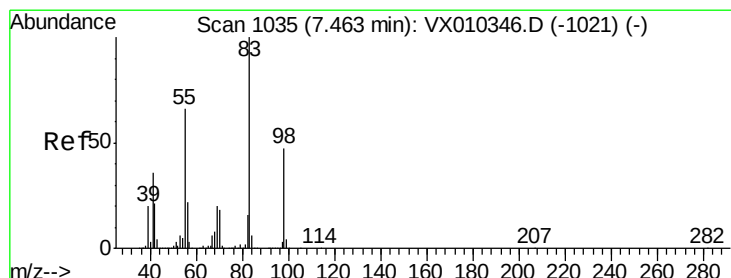
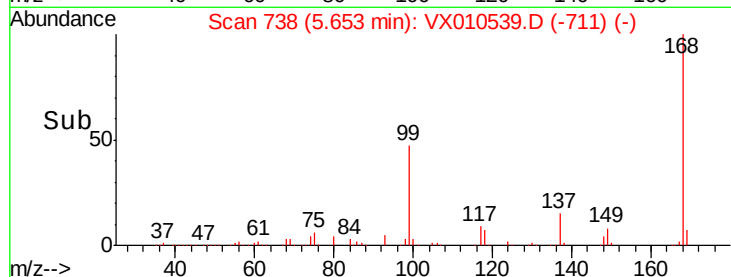
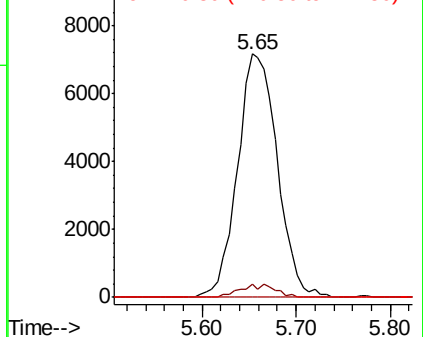
#38
Carbon Tetrachloride
Concen: 6.732 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampleId :
FL-0571DL

Tot Ion:117 Resp: 21079
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.4#
121 0.0 24.7 37.1#

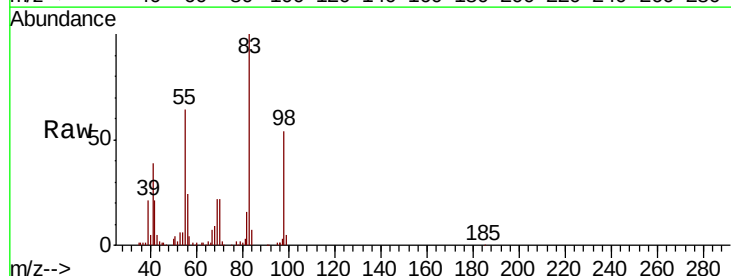


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

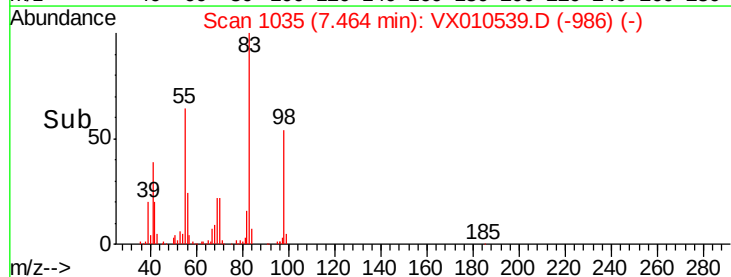
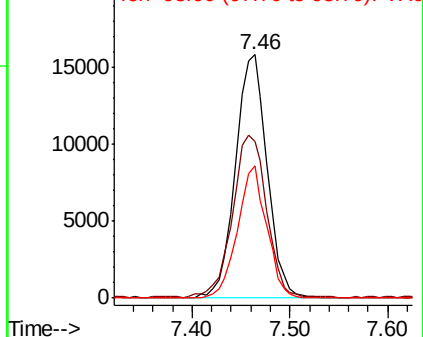


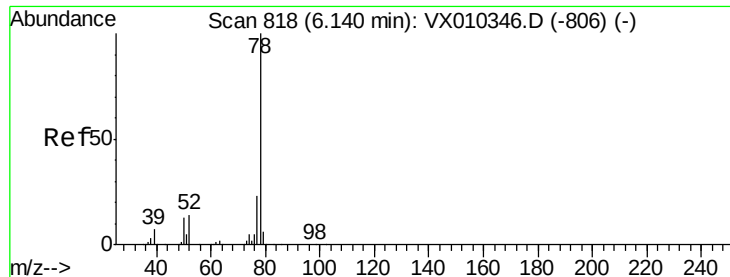
#39
Methylcyclohexane
Concen: 9.343 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion: 83 Resp: 35510
Ion Ratio Lower Upper
83 100
55 64.2 53.0 79.6
98 54.3 37.8 56.8



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





#40

Benzene

Concen: 50.384 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

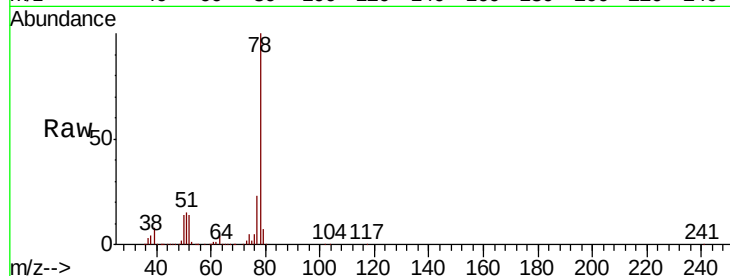
FL-0571DL

Tot Ion: 78 Resp: 453868

Ion Ratio Lower Upper

78 100

77 22.9 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

150000

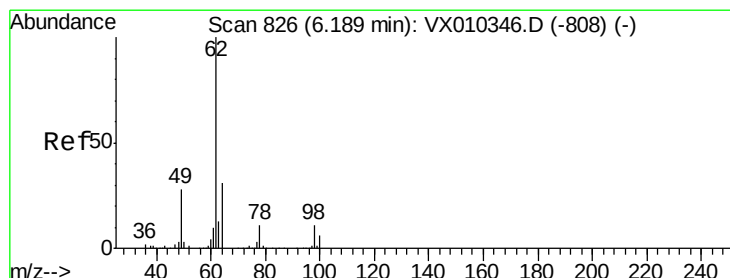
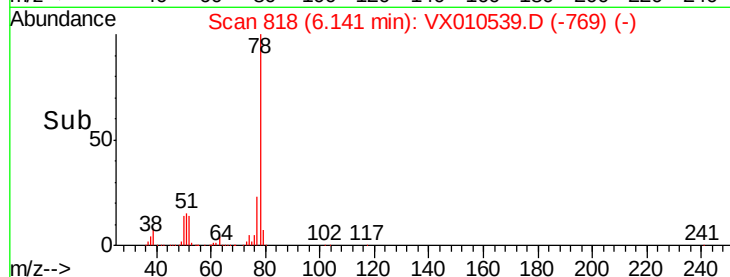
100000

50000

0

Time-->

6.00 6.10 6.20 6.30 6.40



#42

1,2-Dichloroethane

Concen: 1.406 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.05 min

Lab File: VX010539.D

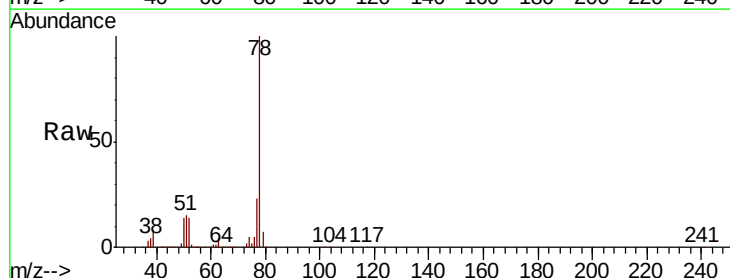
Acq: 28 Jun 2019 16:58

Tgt Ion: 62 Resp: 3856

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.14

1500

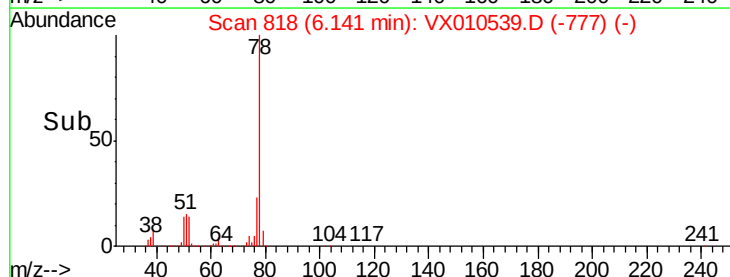
1000

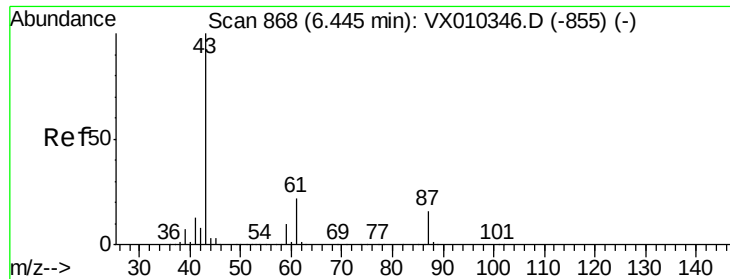
500

0

Time-->

6.05 6.10 6.15 6.20





#43

Isopropyl Acetate

Concen: 0.223 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampled :

FL-0571DL

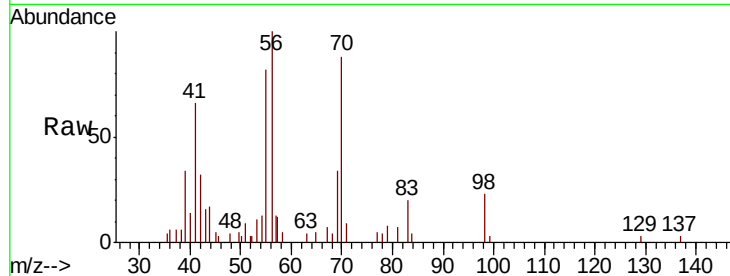
Tot Ion: 43 Resp: 1098

Ion Ratio Lower Upper

43 100

61 3.4 17.8 26.6#

87 0.0 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.45

300

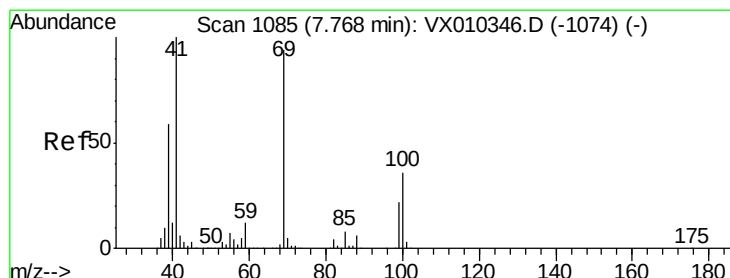
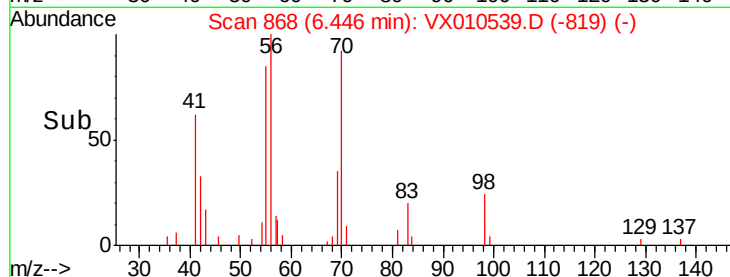
200

100

0

6.40 6.45 6.50 6.55

Time-->



#48

Methyl methacrylate

Concen: 0.754 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

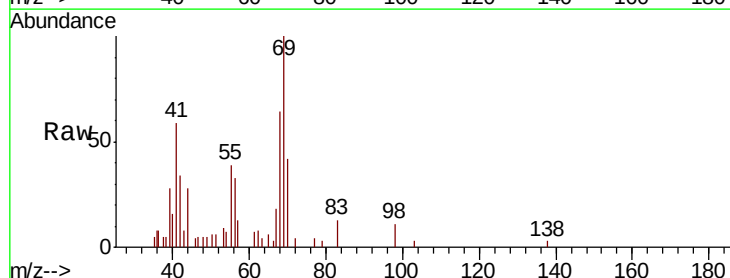
Tgt Ion: 41 Resp: 1724

Ion Ratio Lower Upper

41 100

69 161.8 76.1 114.1#

39 54.7 47.6 71.4



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

2000

1500

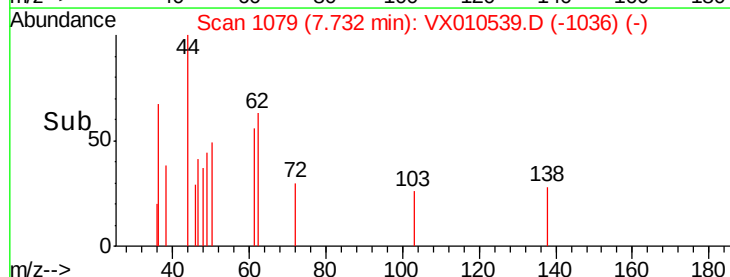
1000

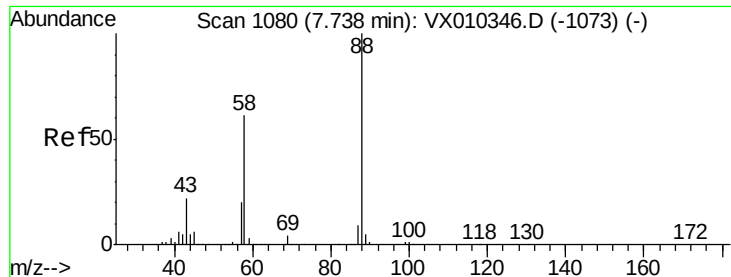
500

0

7.65 7.70 7.75 7.80

Time-->

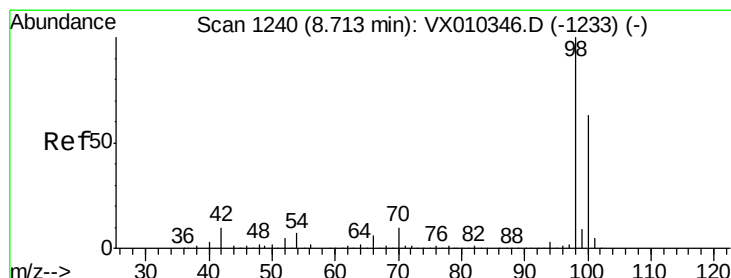
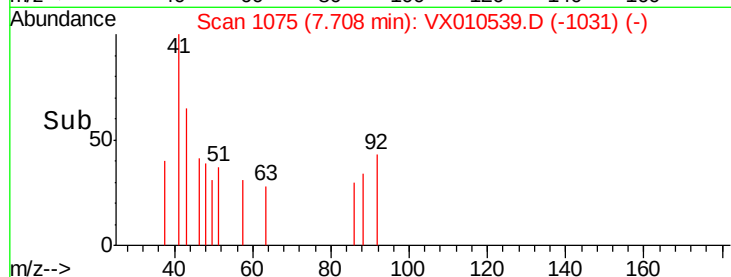
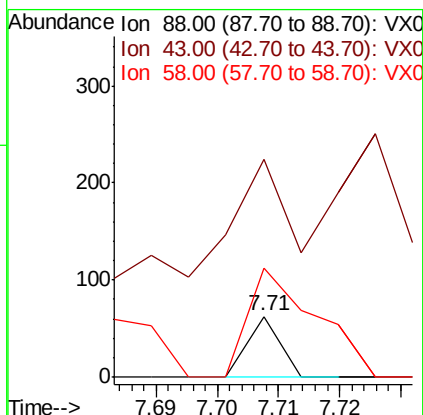
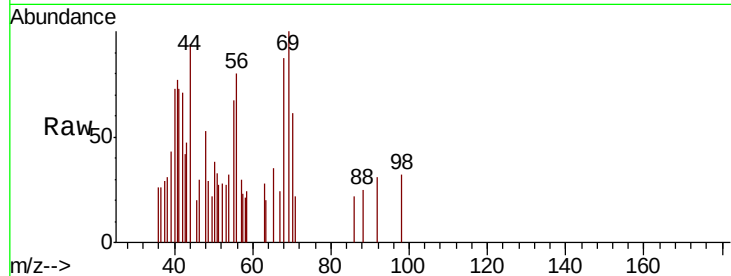




#49
1,4-Dioxane
Concen: 0.349 ug/l
RT: 7.71 min Scan# 1075
Delta R.T. -0.03 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

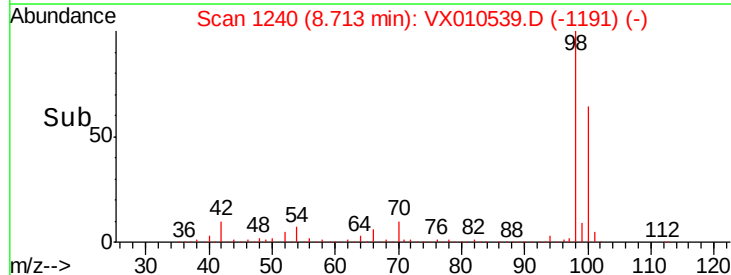
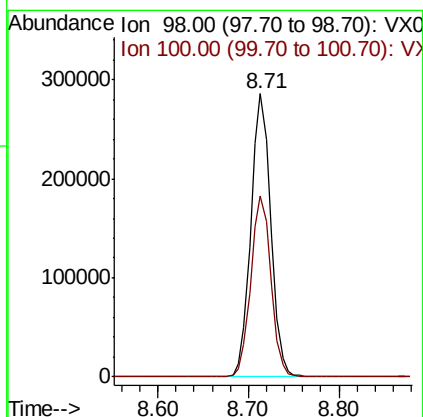
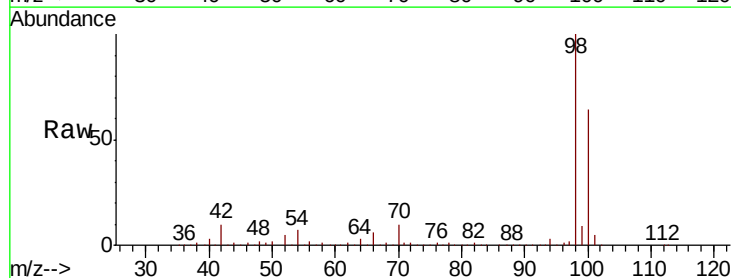
Instrument :
MSVOA_X
ClientSampled :
FL-0571DL

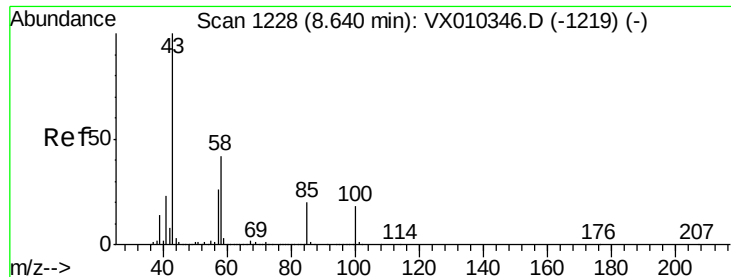
Tot Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 356.5 20.2 30.2#
58 373.9 49.5 74.3#



#50
Toluene-d8
Concen: 50.919 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion: 98 Resp: 433686
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

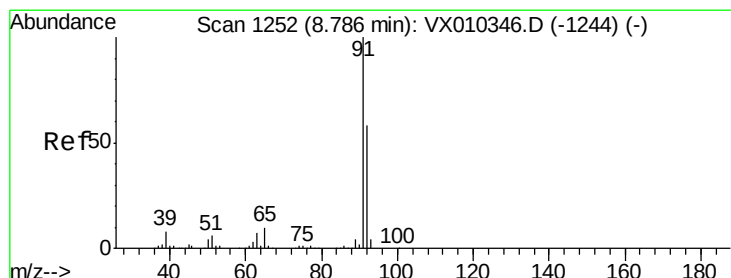
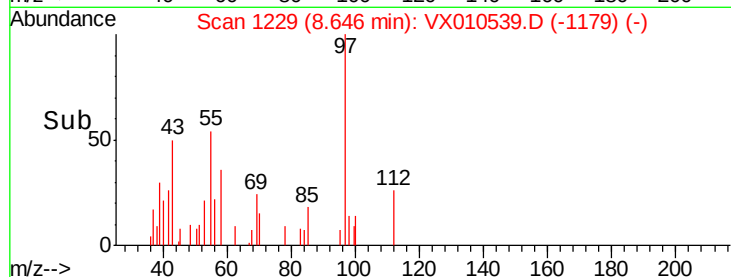
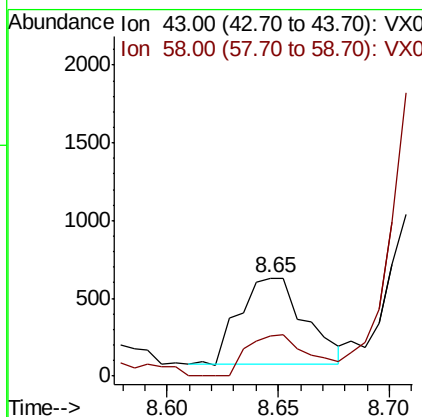
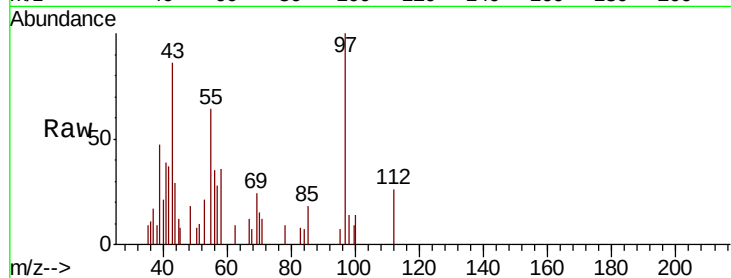




#51
4-Methyl-2-Pentanone
Concen: 0.360 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

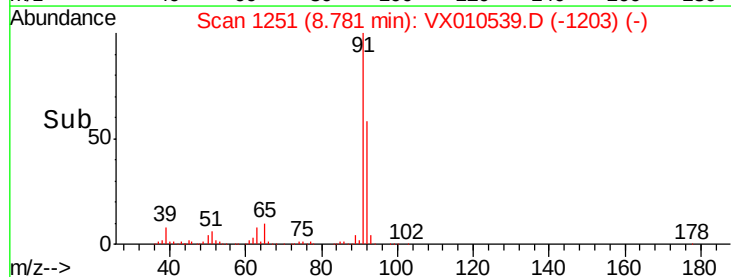
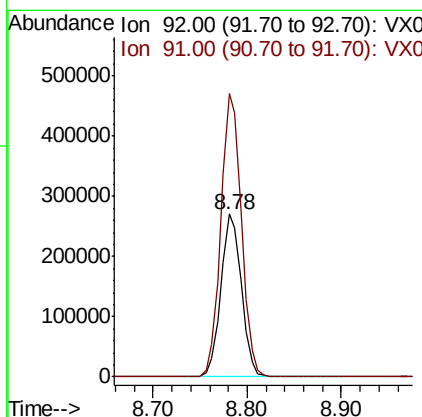
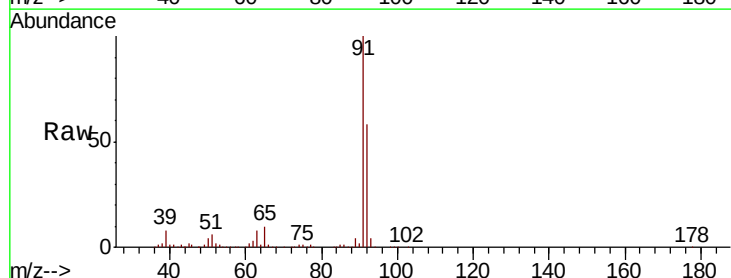
Instrument :
MSVOA_X
ClientSampled :
FL-0571DL

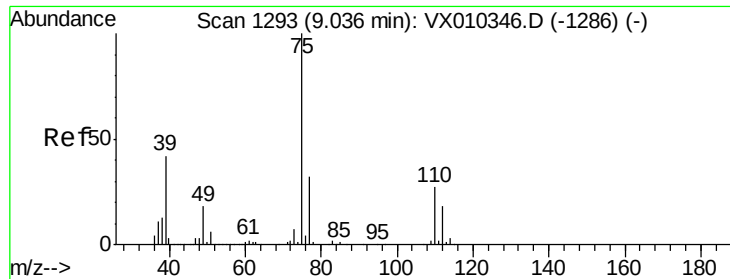
Tot Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 47.1 33.5 50.3



#52
Toluene
Concen: 68.751 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion: 92 Resp: 407848
Ion Ratio Lower Upper
92 100
91 174.8 139.8 209.6

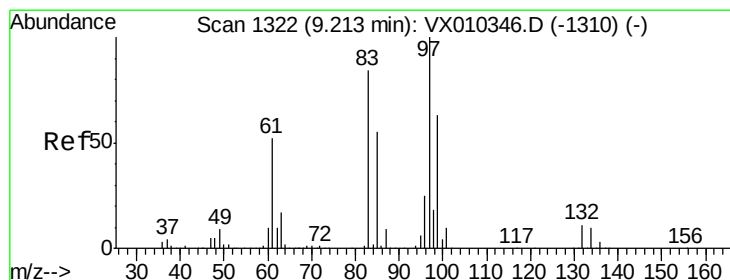
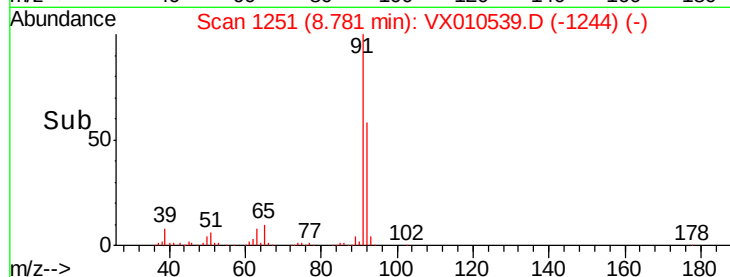
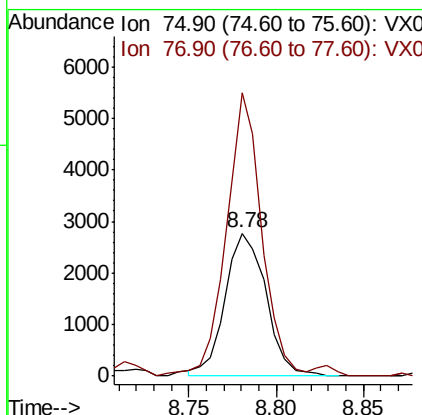
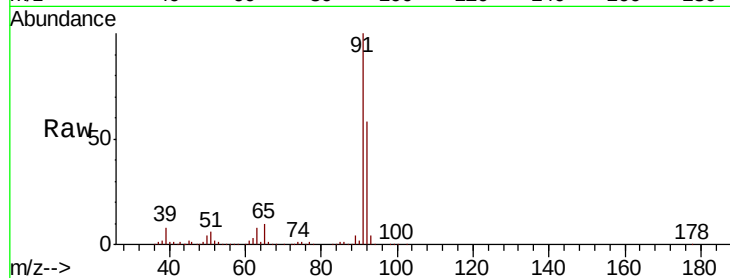




#53
t-1,3-Dichloropropene
Concen: 1.345 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.26 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

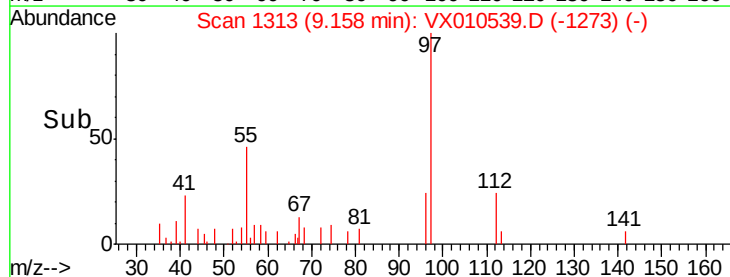
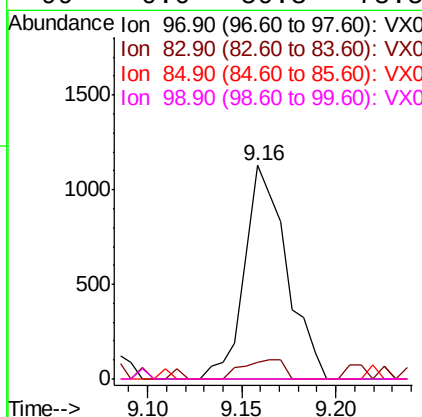
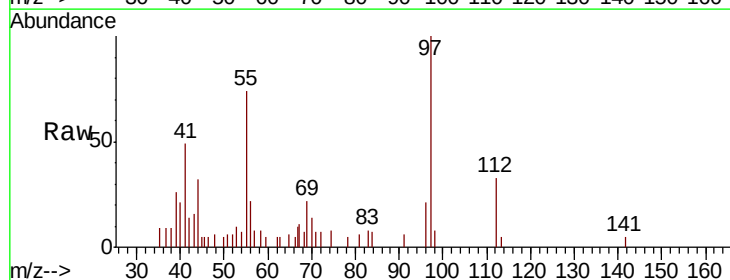
Instrument :
MSVOA_X
ClientSampleId :
FL-0571DL

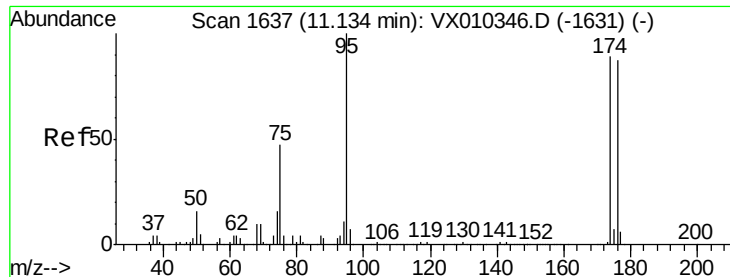
Tot Ion: 75 Resp: 4509
Ion Ratio Lower Upper
75 100
77 195.3 25.4 38.2#



#55
1,1,2-Trichloroethane
Concen: 0.716 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.05 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion: 97 Resp: 1751
Ion Ratio Lower Upper
97 100
83 8.0 67.4 101.0#
85 0.0 43.8 65.8#
99 0.0 50.3 75.5#





#62

4-Bromofluorobenzene

Concen: 49.906 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0571DL

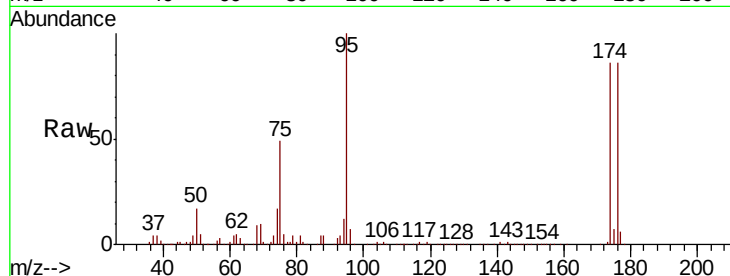
Tot Ion: 95 Resp: 153457

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.6

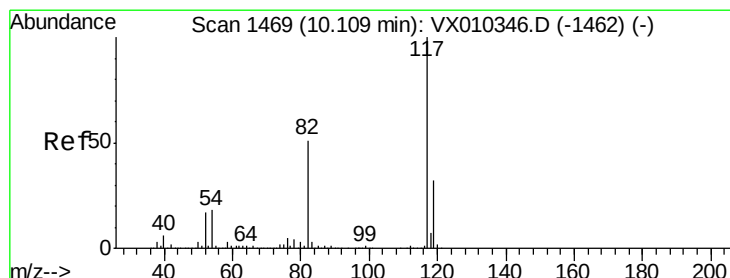
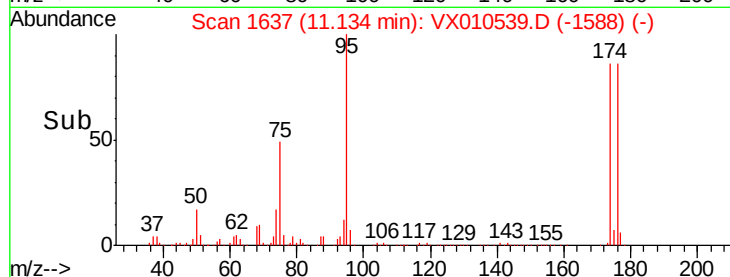
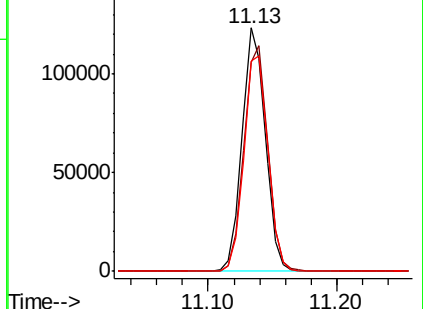
176 91.5 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010539.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010539.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010539.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

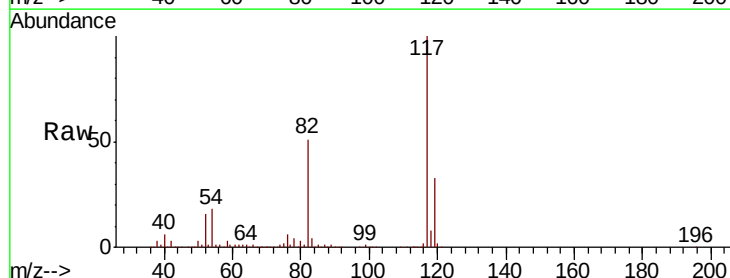
Tgt Ion: 117 Resp: 336767

Ion Ratio Lower Upper

117 100

82 51.1 41.2 61.8

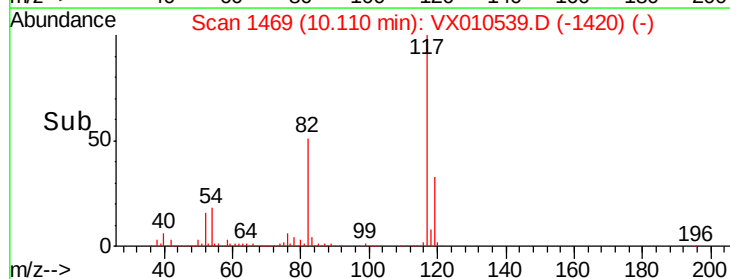
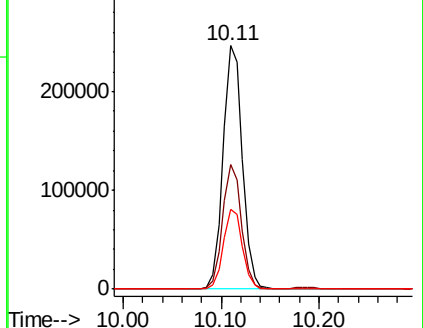
119 33.0 25.5 38.3

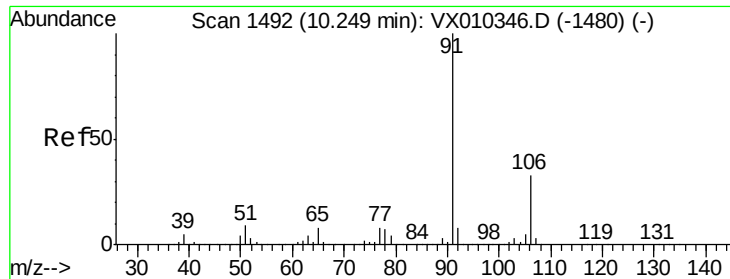


Abundance Ion 116.90 (116.60 to 117.60): VX010539.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010539.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010539.D (-1420) (-)





#67

Ethyl Benzene

Concen: 46.162 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampled :

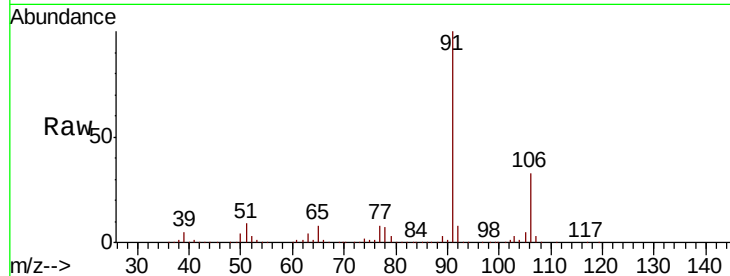
FL-0571DL

Tot Ion: 91 Resp: 532819

Ion Ratio Lower Upper

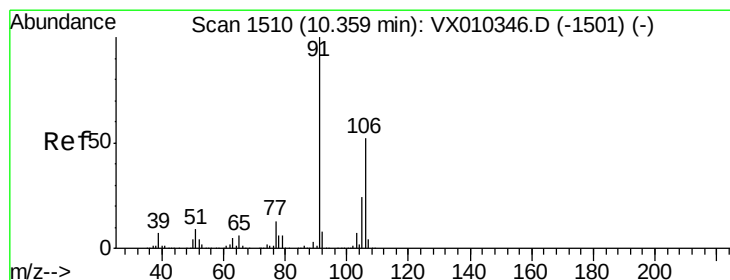
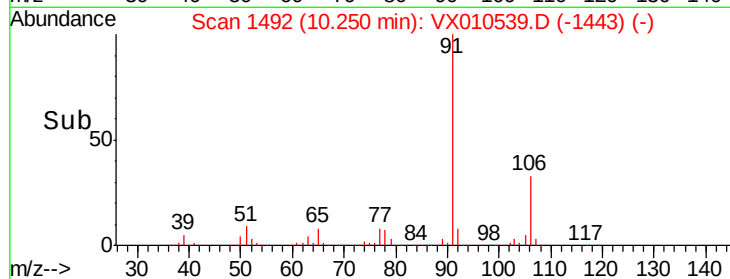
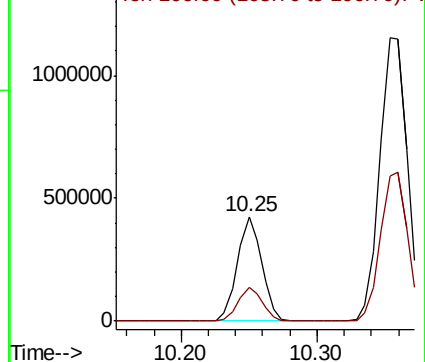
91 100

106 32.8 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 188.827 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010539.D

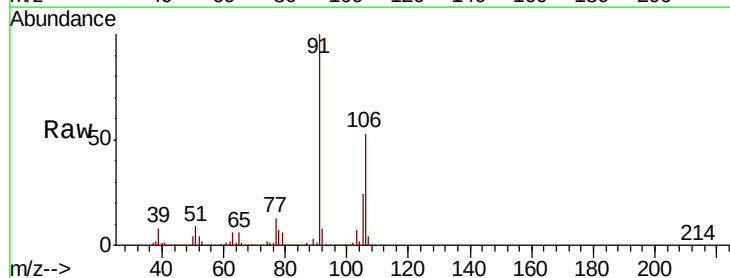
Acq: 28 Jun 2019 16:58

Tgt Ion: 106 Resp: 844505

Ion Ratio Lower Upper

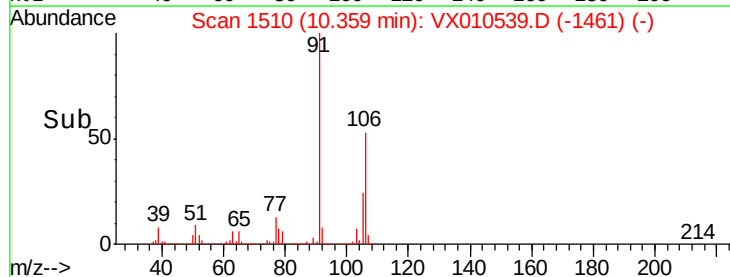
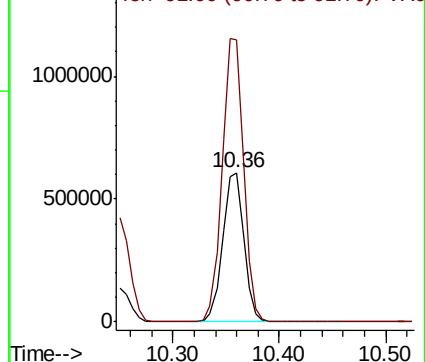
106 100

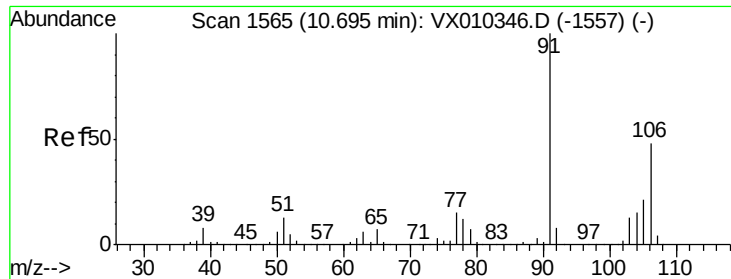
91 192.0 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

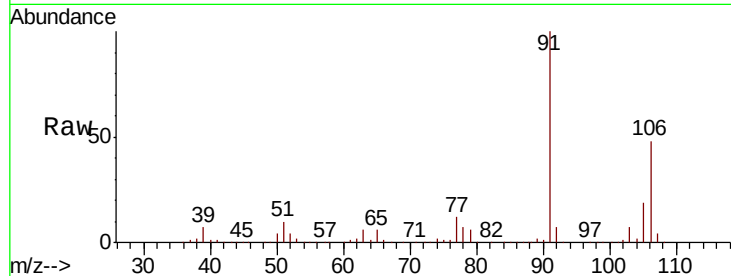




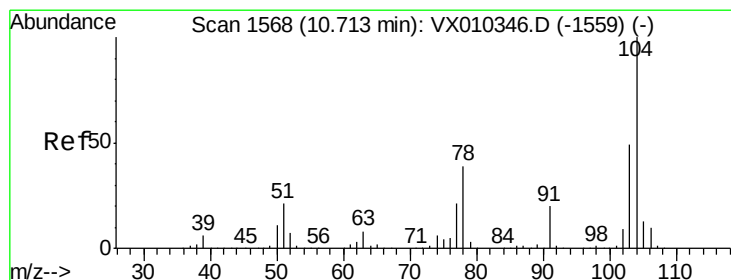
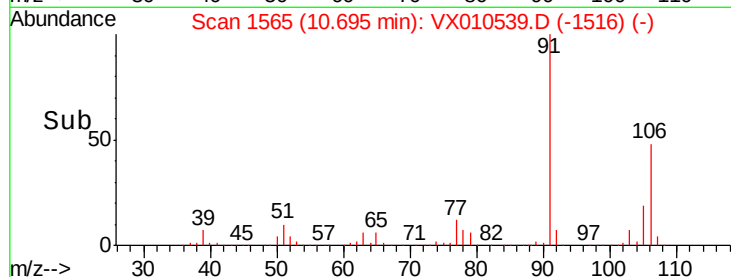
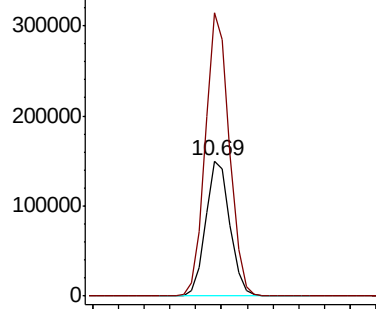
#69
o-Xylene
Concen: 44.677 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampleId :
FL-0571DL

Tot Ion:106 Resp: 196498
Ion Ratio Lower Upper
106 100
91 206.6 102.7 308.1

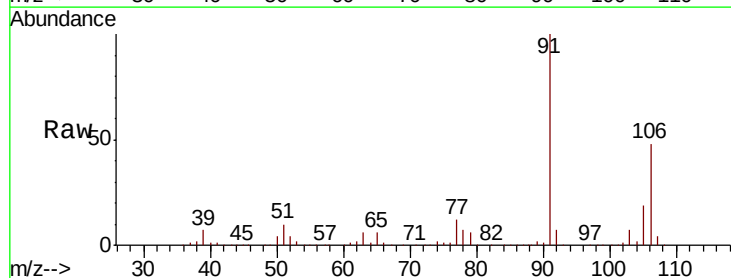


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

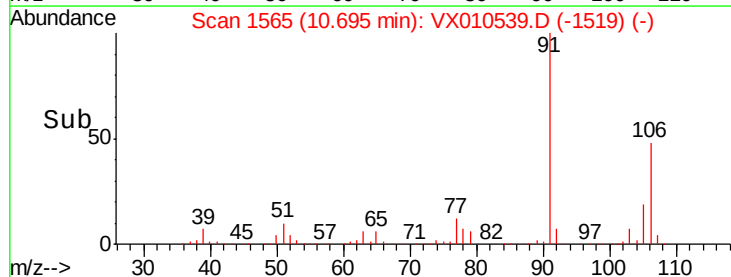
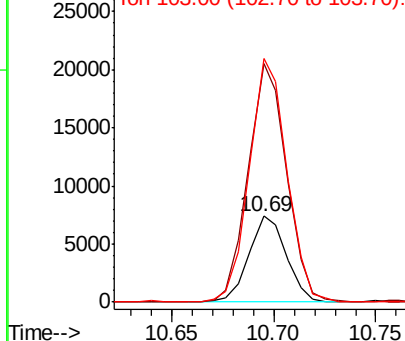


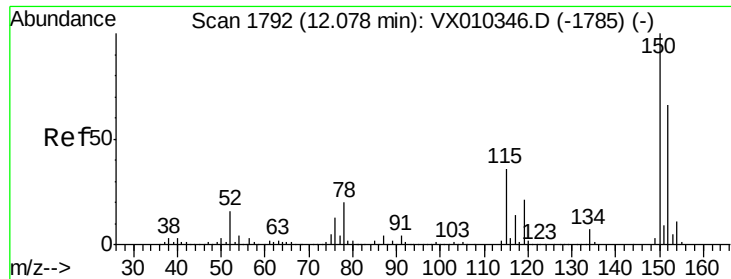
#70
Styrene
Concen: 1.288 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion:104 Resp: 9503
Ion Ratio Lower Upper
104 100
78 283.2 36.2 54.2#
103 283.9 44.2 66.4#



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



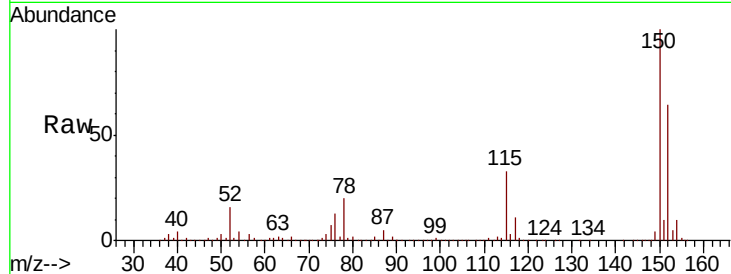


#72

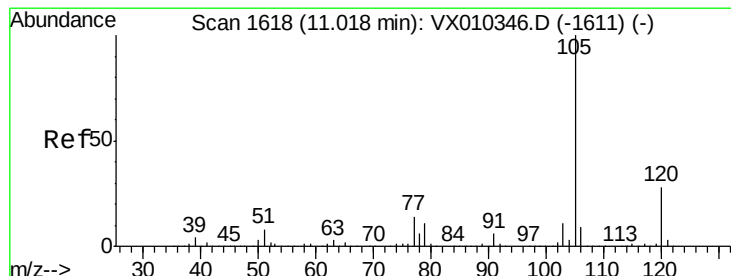
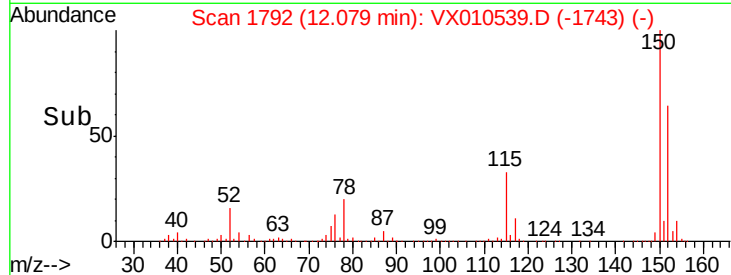
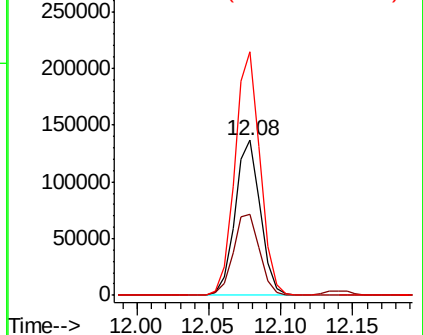
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampleId :
FL-0571DL

Tot Ion:152 Resp: 166877
Ion Ratio Lower Upper
152 100
115 54.5 38.6 115.7
150 157.0 0.0 347.4



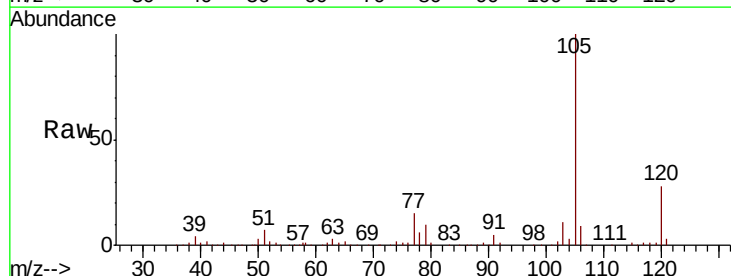
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



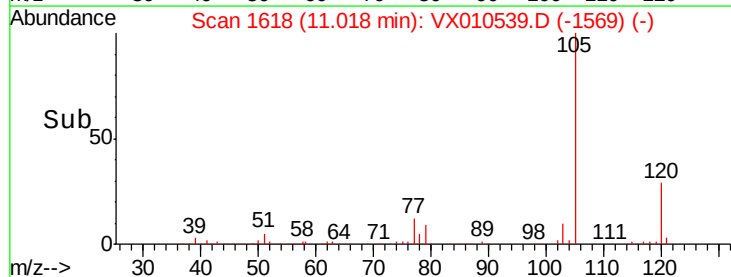
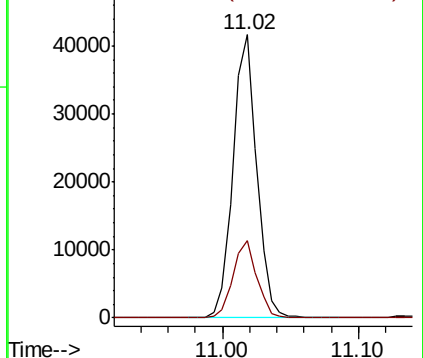
#73

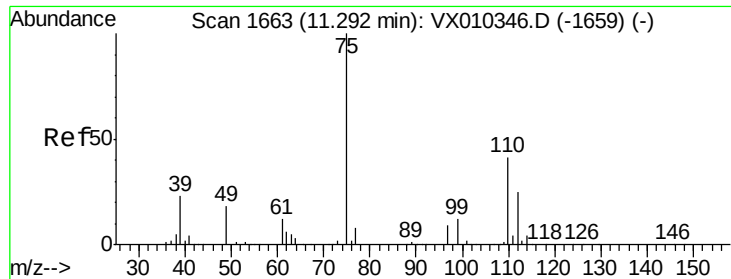
Isopropylbenzene
Concen: 4.481 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion:105 Resp: 50689
Ion Ratio Lower Upper
105 100
120 27.1 14.1 42.4



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

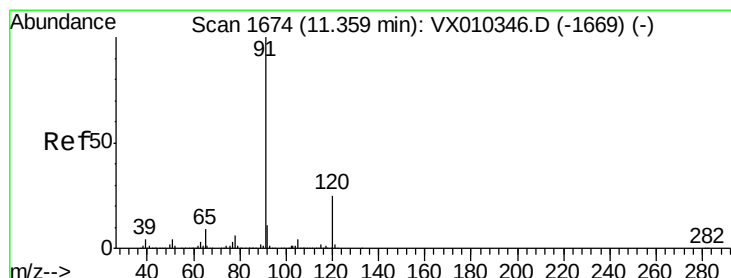
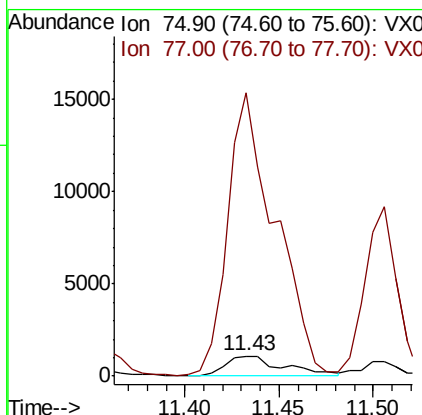
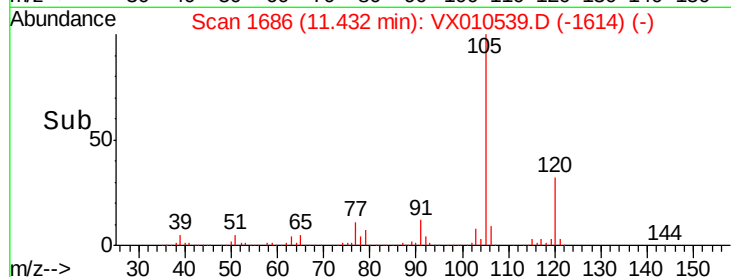
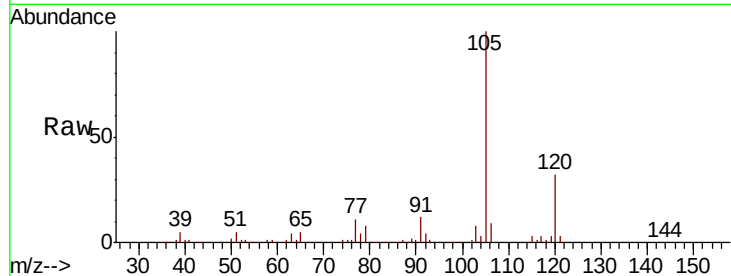




#76
 1,2,3-Trichloropropane
 Concen: 0.782 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.14 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

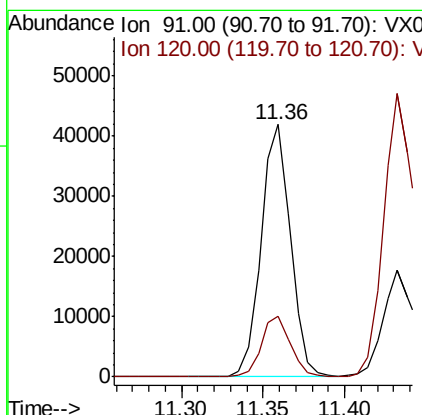
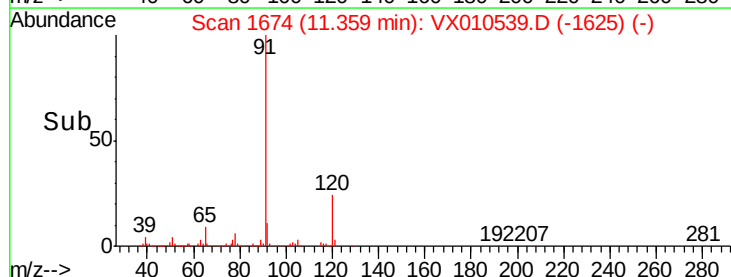
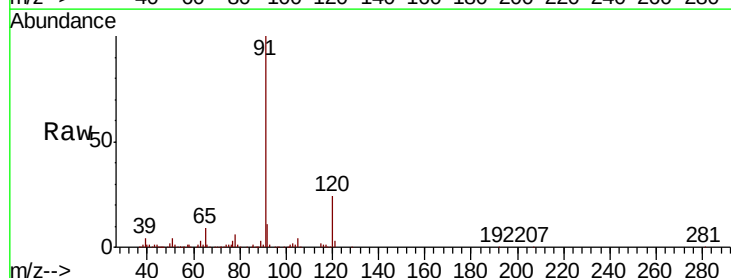
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0571DL

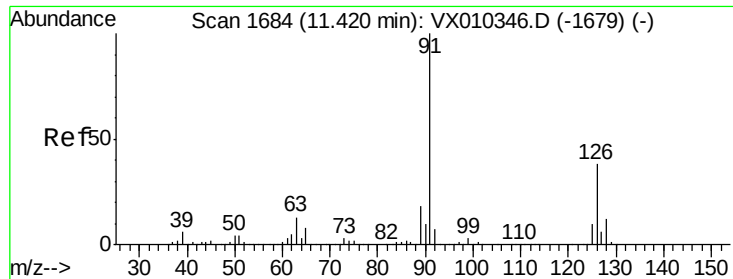
Tot Ion: 75 Resp: 2377
 Ion Ratio Lower Upper
 75 100
 77 1133.2 22.6 67.8#



#78
 n-propylbenzene
 Concen: 4.220 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

Tgt Ion: 91 Resp: 52466
 Ion Ratio Lower Upper
 91 100
 120 23.7 12.4 37.4

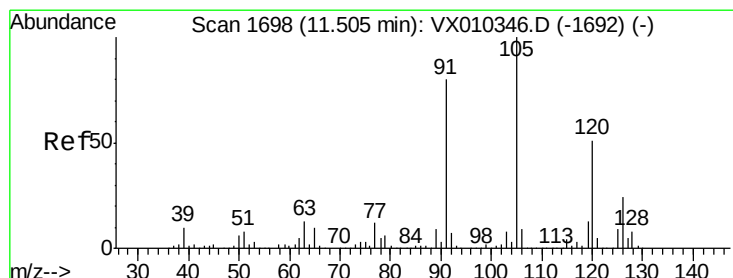
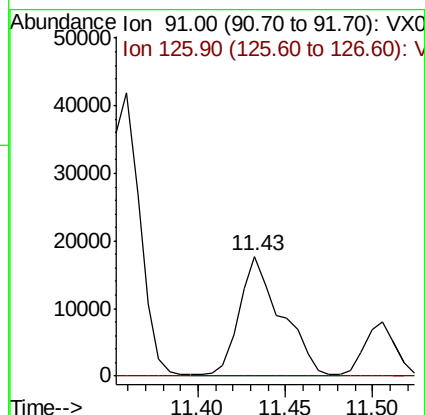
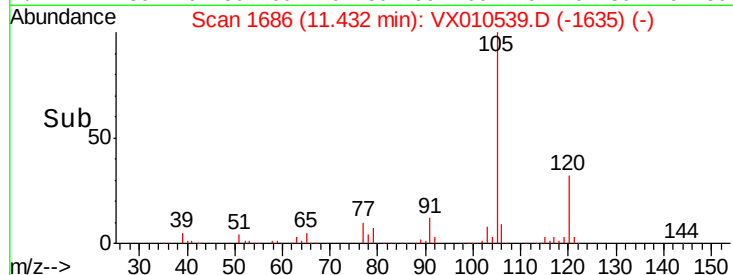
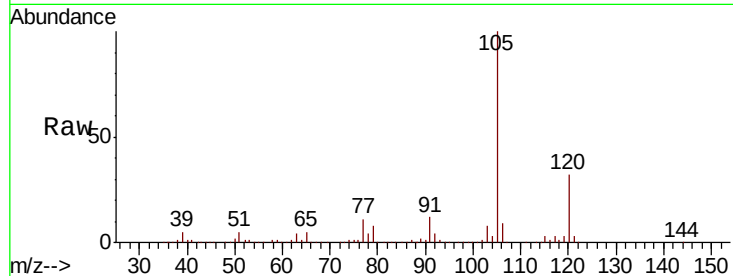




#79
 2-Chlorotoluene
 Concen: 3.991 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

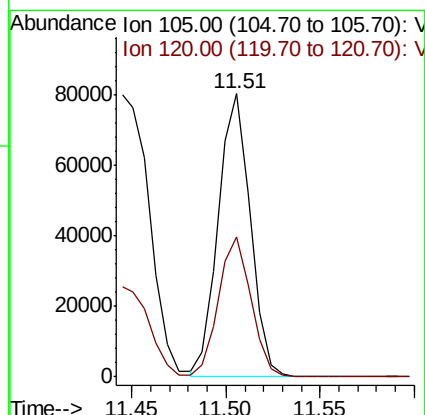
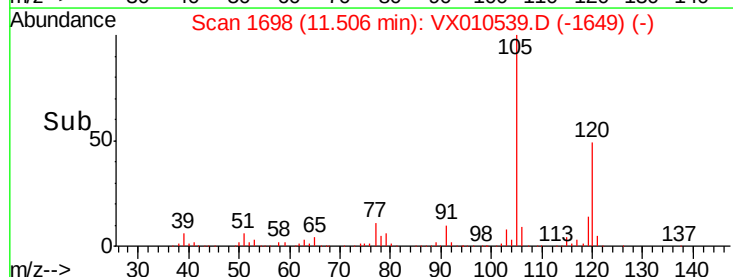
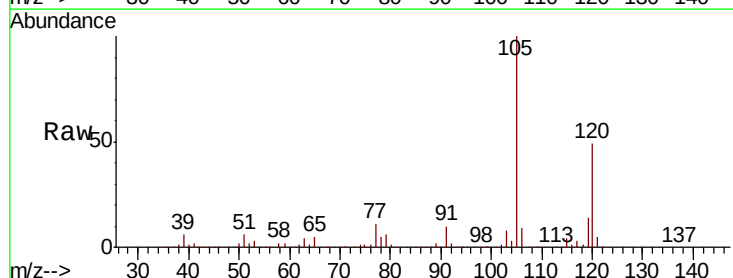
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0571DL

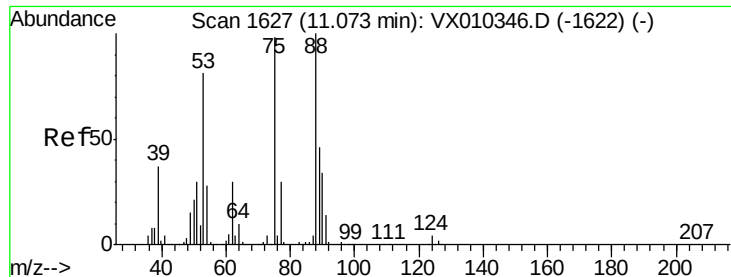
Tot Ion: 91 Resp: 29545
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 10.171 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

Tgt Ion: 105 Resp: 94853
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 56.804 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0571DL

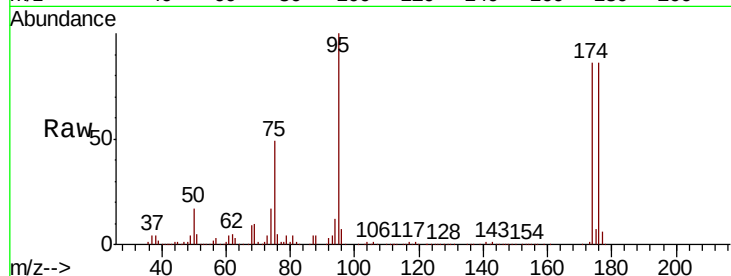
Tot Ion: 75 Resp: 74044

Ion Ratio Lower Upper

75 100

53 0.3 66.1 99.1#

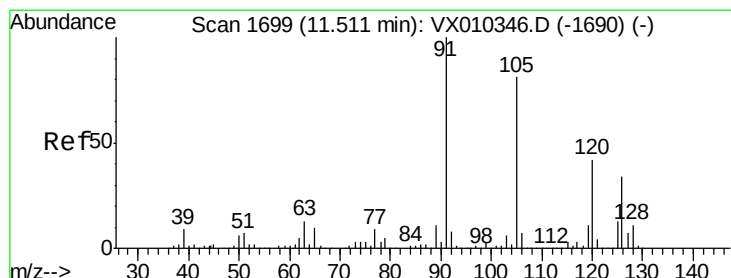
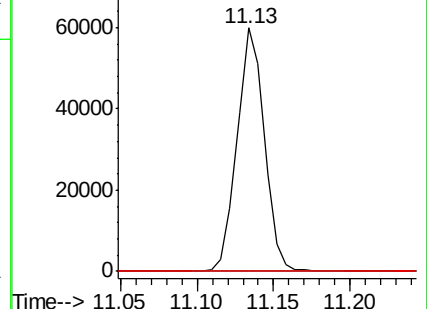
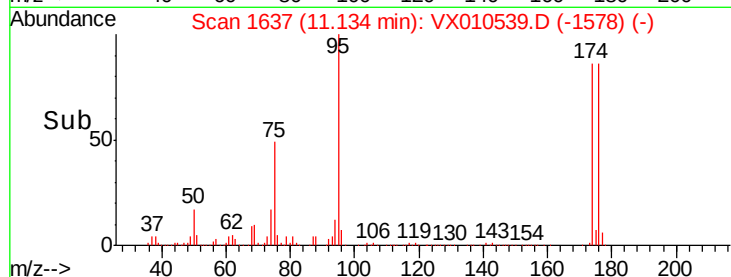
89 0.1 37.8 56.6#



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: 1.141 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010539.D

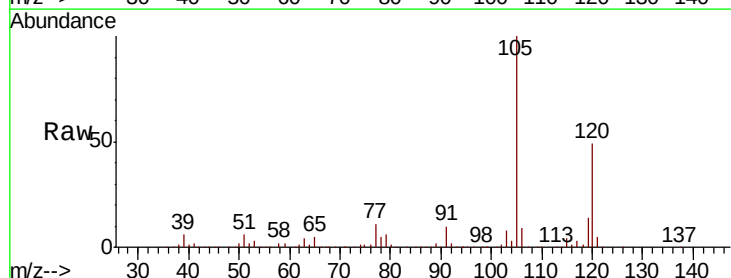
Acq: 28 Jun 2019 16:58

Tgt Ion: 91 Resp: 9615

Ion Ratio Lower Upper

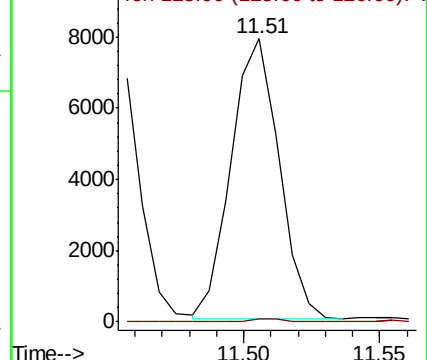
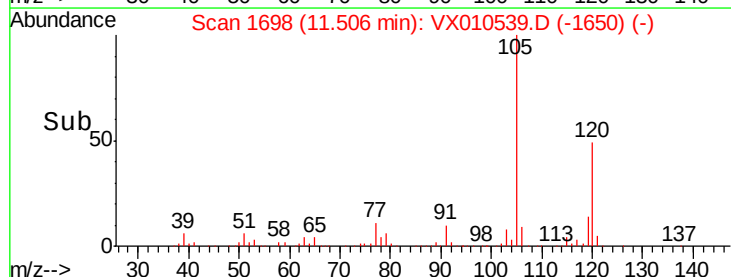
91 100

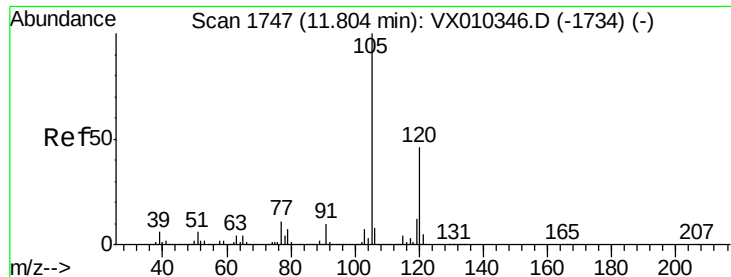
126 0.6 16.2 48.6#



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: 34.692 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleID :

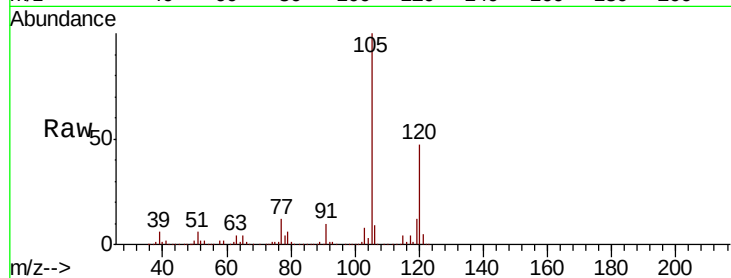
FL-0571DL

Tot Ion:105 Resp: 325042

Ion Ratio Lower Upper

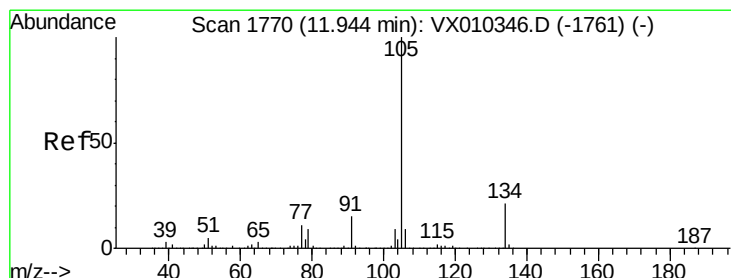
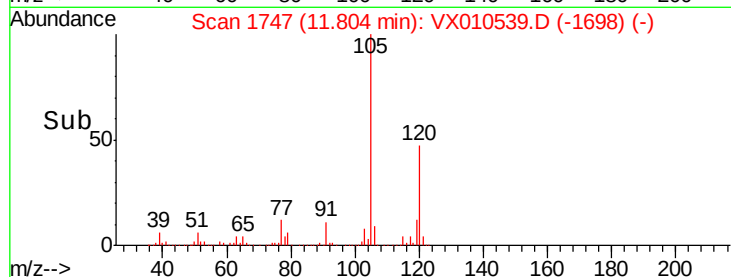
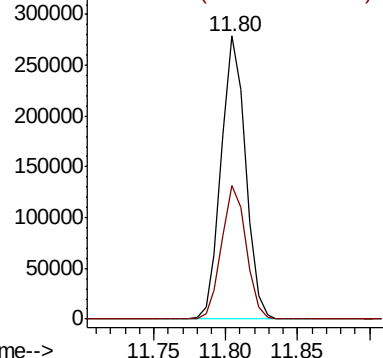
105 100

120 47.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 29.577 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010539.D

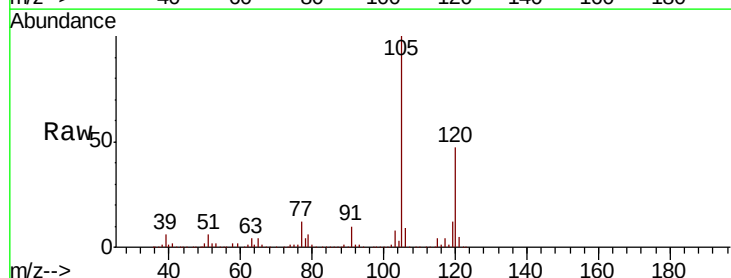
Acq: 28 Jun 2019 16:58

Tgt Ion:105 Resp: 325042

Ion Ratio Lower Upper

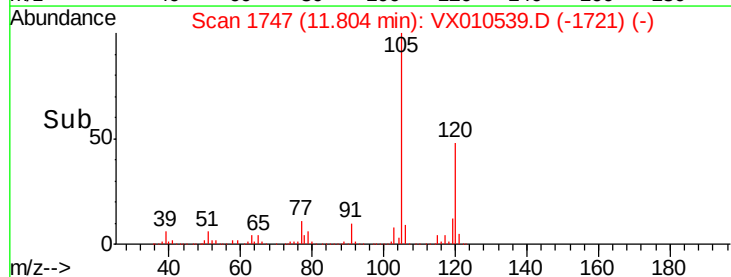
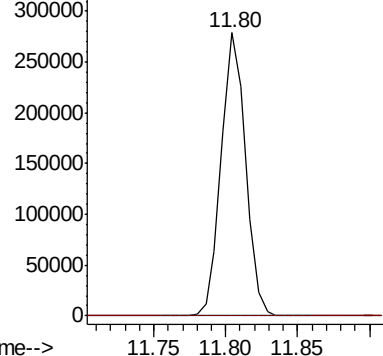
105 100

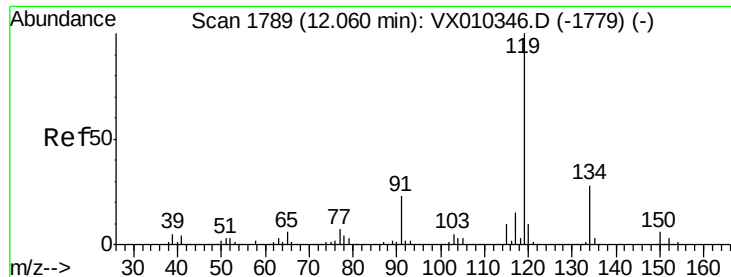
134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

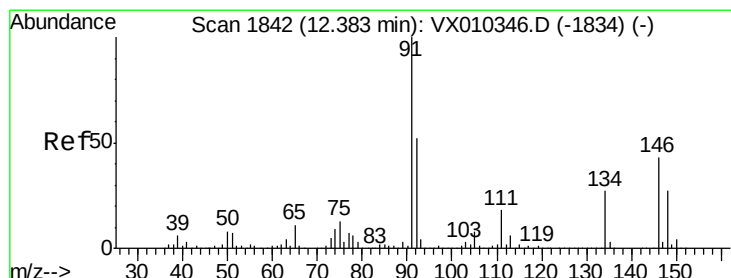
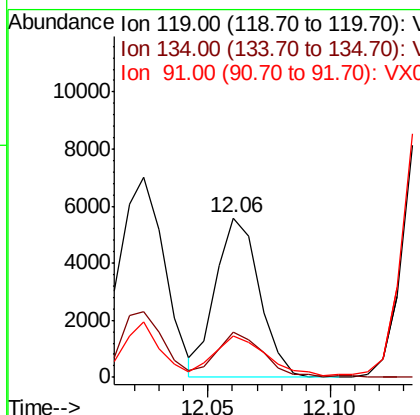
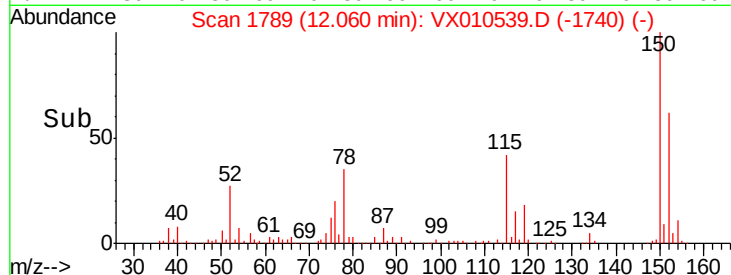
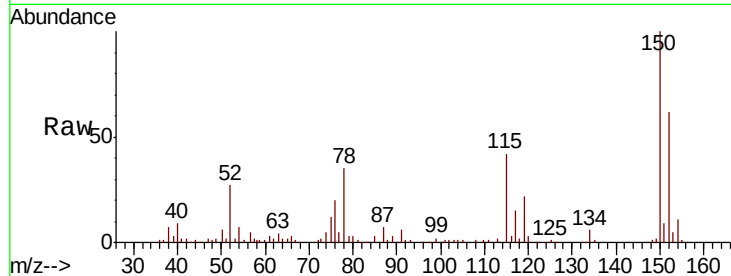




#86
 p-Isopropyltoluene
 Concen: 0.685 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

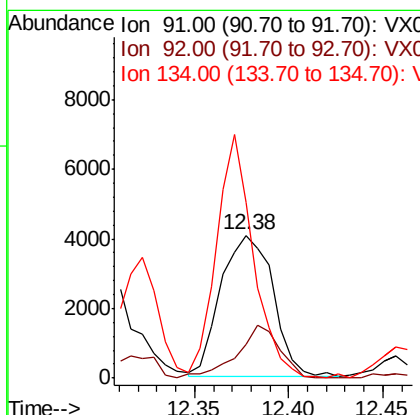
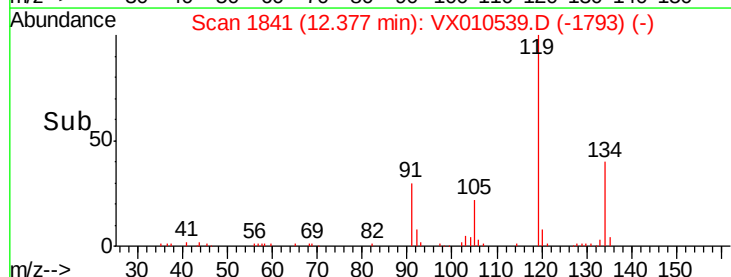
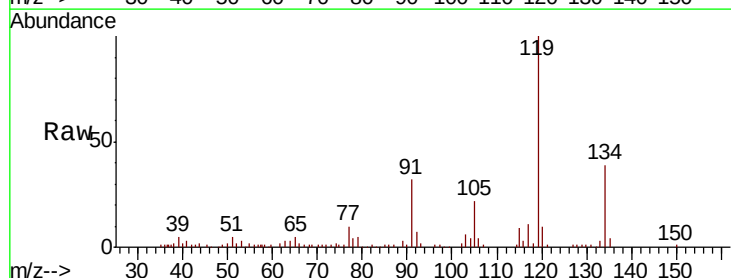
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0571DL

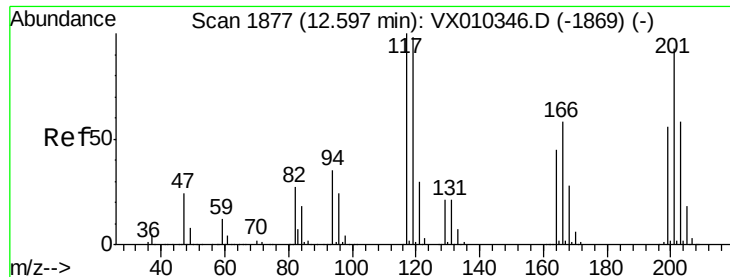
Tot Ion:119 Resp: 6968
 Ion Ratio Lower Upper
 119 100
 134 30.6 13.7 41.1
 91 28.7 11.3 33.8



#89
 n-Butylbenzene
 Concen: 0.901 ug/l
 RT: 12.38 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

Tgt Ion: 91 Resp: 7783
 Ion Ratio Lower Upper
 91 100
 92 30.8 26.2 78.5
 134 121.7 14.1 42.4#





#90

Hexachloroethane

Concen: 1.375 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampled :

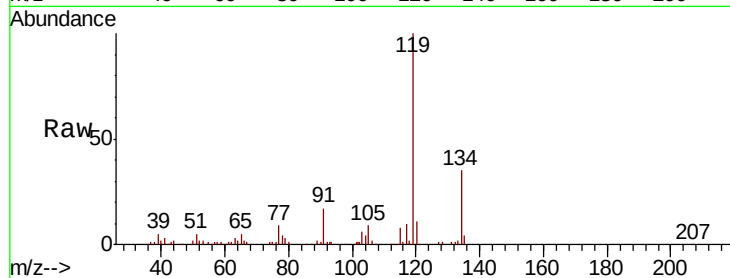
FL-0571DL

Tot Ion:117 Resp: 2416

Ion Ratio Lower Upper

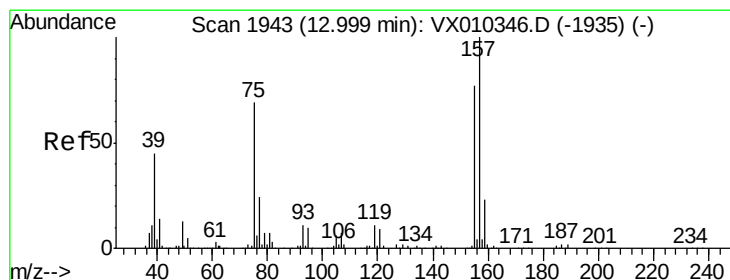
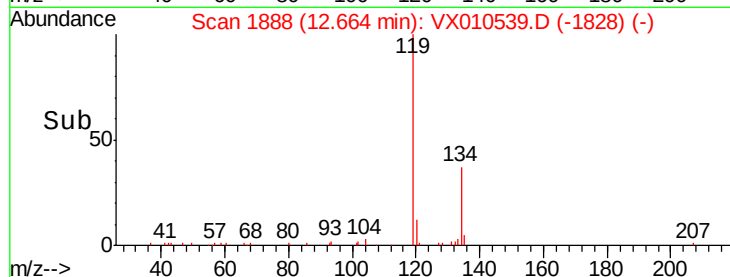
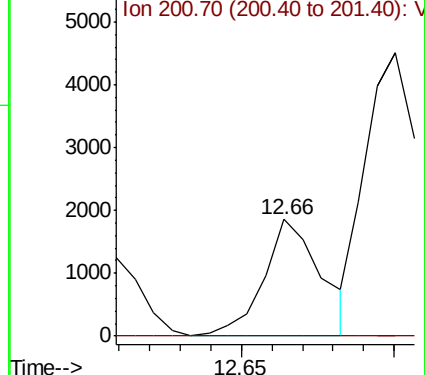
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.448 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

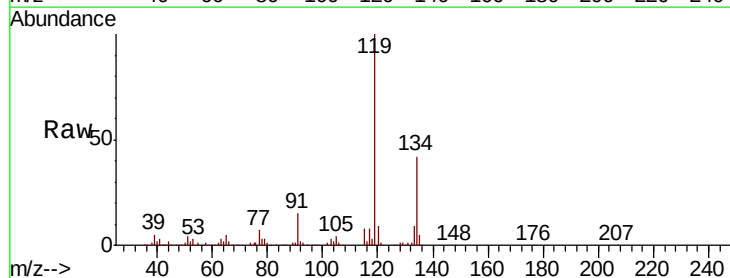
Tgt Ion: 75 Resp: 362

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

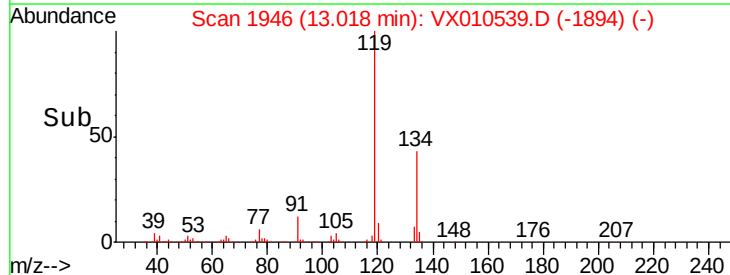
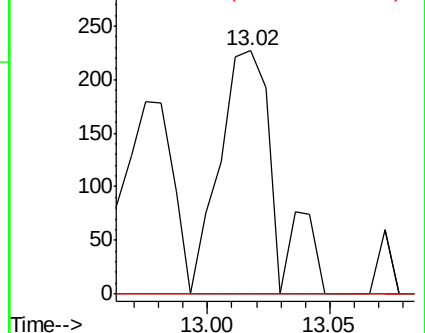
157 0.0 69.5 208.3#

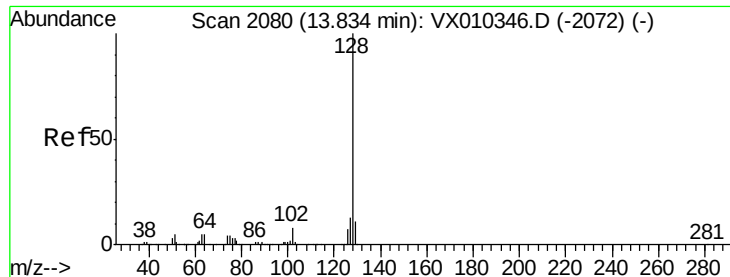


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 12.286 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0571DL

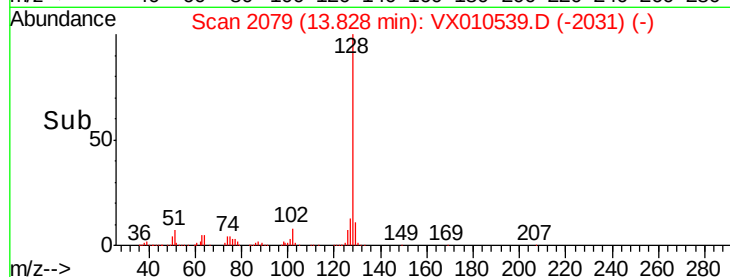
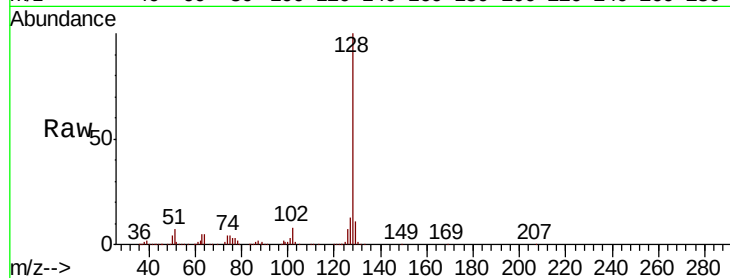
Tot Ion:128 Resp: 143480

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

150000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83

100000

50000

0

13.80 13.90

Time-->