

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010888.D
 Acq On : 15 Jul 2019 16:37
 Operator : JC/SP
 Sample : K3786-11DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0599DL

Quant Time: Jul 16 02:00:30 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	220564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154421	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	116270	56.22	ug/l	0.00
Spiked Amount			Recovery	=	112.44%	
35) Dibromofluoromethane	5.50	113	107580	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	8.71	98	421174	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.13	95	147965	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	365	0.204	ug/l	98
5) Bromomethane	1.65	94	359	0.377	ug/l	98
6) Chloroethane	1.72	64	2661	2.306	ug/l #	45
11) Tert butyl alcohol	3.02	59	1440	2.661	ug/l #	74
13) Acrolein	2.31	56	124	0.345	ug/l	85
14) Allyl chloride	2.60	41	629	0.232	ug/l #	44
15) Acrylonitrile	3.18	53	1333	1.244	ug/l #	45
16) Acetone	2.44	43	1109	1.070	ug/l #	83
18) Methyl Acetate	2.85	43	9164	4.436	ug/l #	48
20) Methylene Chloride	2.85	84	620	0.291	ug/l #	72
25) 2-Butanone	4.69	43	331	0.218	ug/l #	1
31) Cyclohexane	5.59	56	27574	9.231	ug/l	93
36) 1,1-Dichloropropene	5.66	75	14413	5.220	ug/l #	47
38) Carbon Tetrachloride	5.66	117	20686	6.918	ug/l #	15
39) Methylcyclohexane	7.46	83	58357	16.078	ug/l	96
48) Methyl methacrylate	7.73	41	2794	1.279	ug/l #	46
49) 1,4-Dioxane	7.74	88	33	0.524	ug/l #	28
51) 4-Methyl-2-Pentanone	8.66	43	1945	0.647	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	6062	2.595	ug/l #	20
56) Ethyl methacrylate	9.16	69	1405	0.397	ug/l #	1
67) Ethyl Benzene	10.25	91	17932	1.643	ug/l	99
68) m/p-Xylenes	10.36	106	17920	4.237	ug/l	96
69) o-Xylene	10.69	106	7812	1.878	ug/l	95
73) Isopropylbenzene	11.02	105	43015	4.109	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	945	0.273	ug/l #	32
76) 1,2,3-Trichloropropane	11.43	75	2756	0.979	ug/l #	1
78) n-propylbenzene	11.36	91	71478	6.213	ug/l	100
79) 2-Chlorotoluene	11.43	91	35677	5.208	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	120857	14.005	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	72773	60.332	ug/l #	16
82) 4-Chlorotoluene	11.51	91	13274	1.703	ug/l #	44
83) tert-Butylbenzene	11.77	119	1966	0.227	ug/l #	78
84) 1,2,4-Trimethylbenzene	11.80	105	345941	39.901	ug/l	99
85) sec-Butylbenzene	11.94	105	16547	1.627	ug/l	85

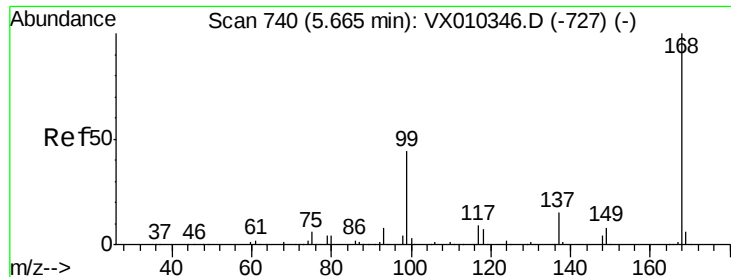
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
Data File : VX010888.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	15429	1.640	ug/l	95
89) n-Butylbenzene	12.38	91	15833	1.981	ug/l #	19
90) Hexachloroethane	12.58	117	3815	2.346	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	365	0.488	ug/l #	1
95) Naphthalene	13.83	128	18378	1.701	ug/l #	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampled :

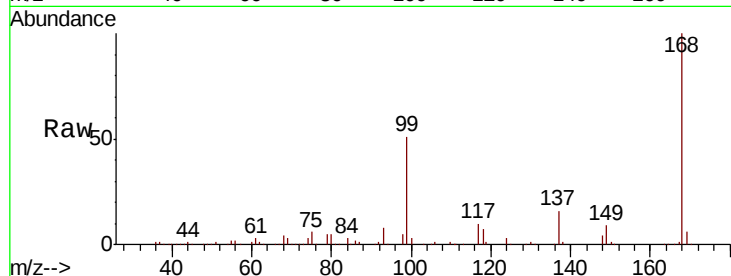
FL-0599DL

Tot Ion:168 Resp: 220564

Ion Ratio Lower Upper

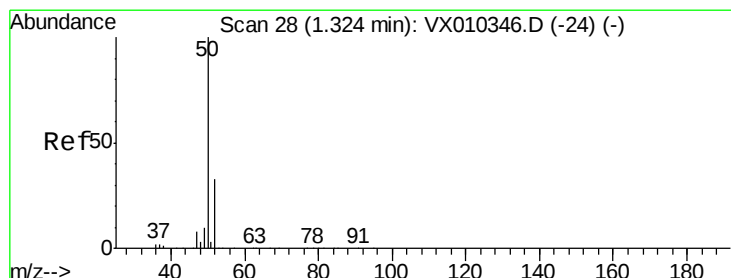
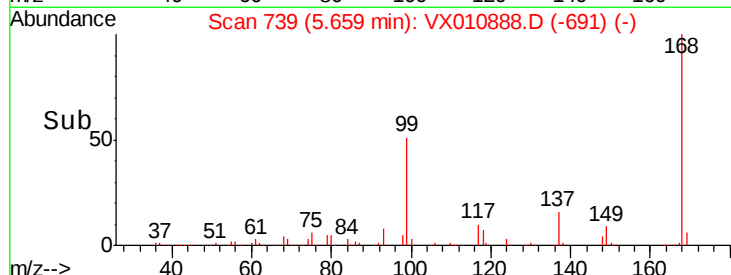
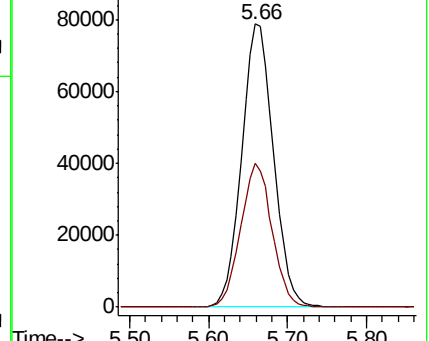
168 100

99 51.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.204 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010888.D

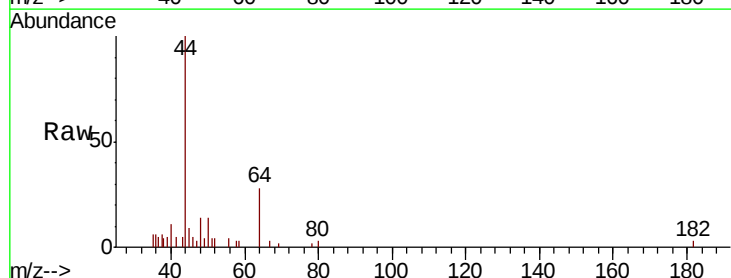
Acq: 15 Jul 2019 16:37

Tgt Ion: 50 Resp: 365

Ion Ratio Lower Upper

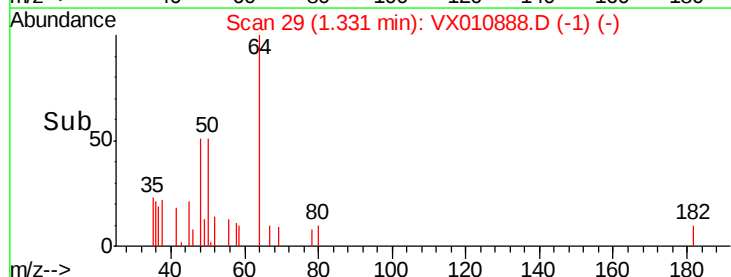
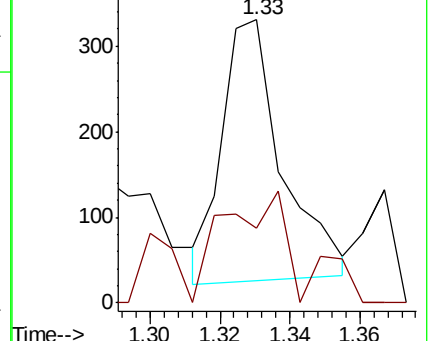
50 100

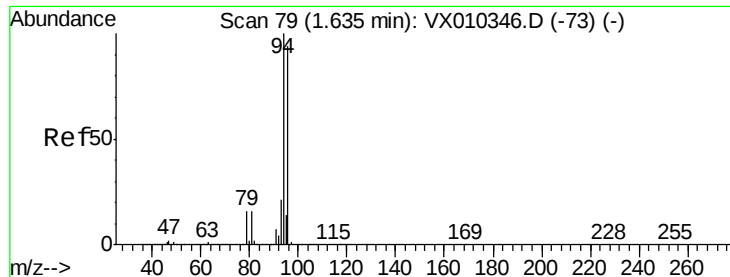
52 31.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.377 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

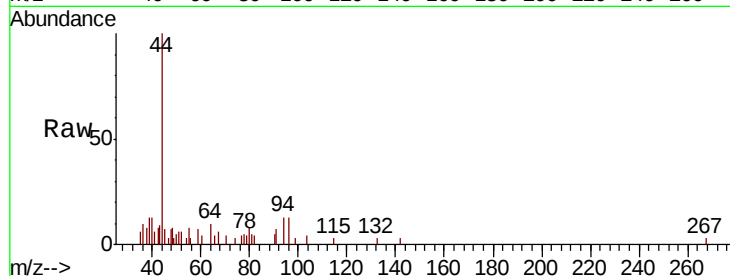
FL-0599DL

Tot Ion: 94 Resp: 359

Ion Ratio Lower Upper

94 100

96 96.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

100

50

0

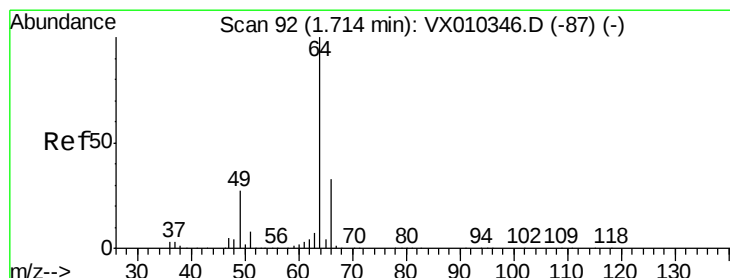
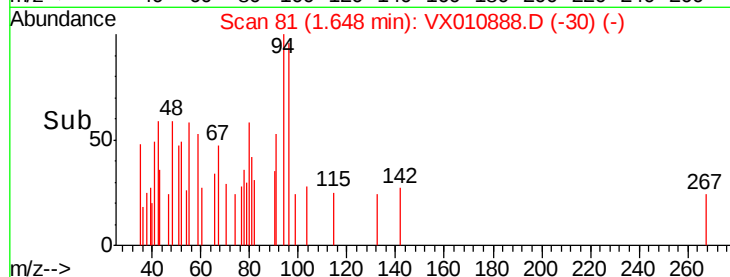
1.62

1.64

1.66

1.68

Time-->



#6

Chloroethane

Concen: 2.306 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010888.D

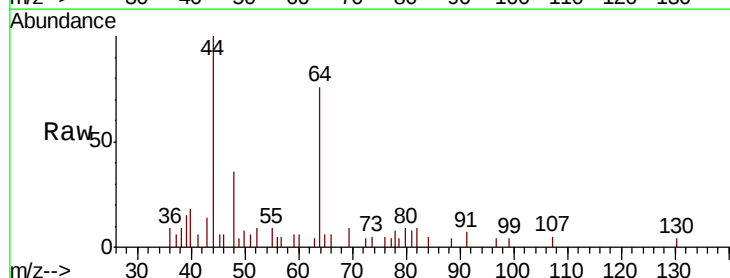
Acq: 15 Jul 2019 16:37

Tgt Ion: 64 Resp: 2661

Ion Ratio Lower Upper

64 100

66 2.1 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1200

1000

800

600

400

200

0

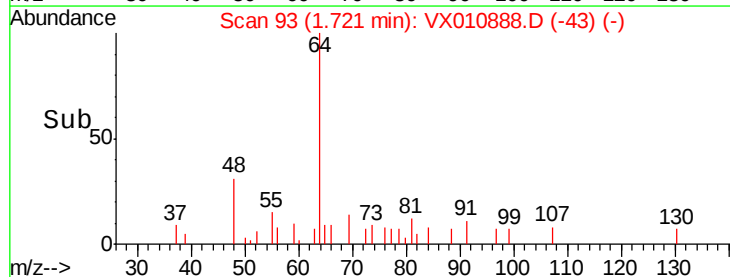
1.60

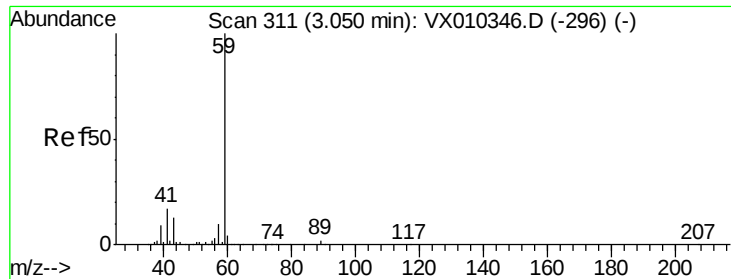
1.65

1.70

1.75

Time-->

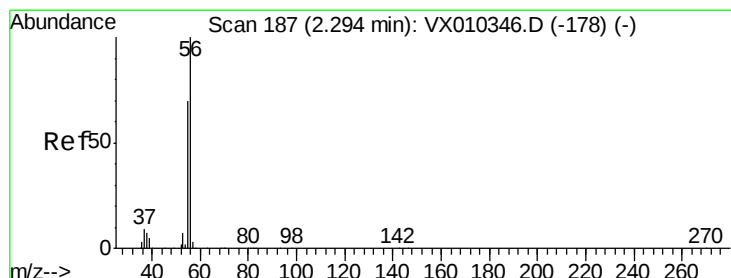
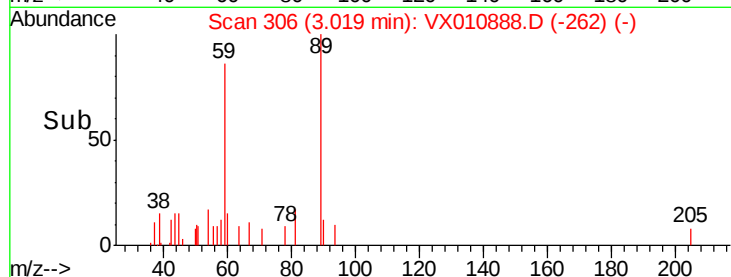
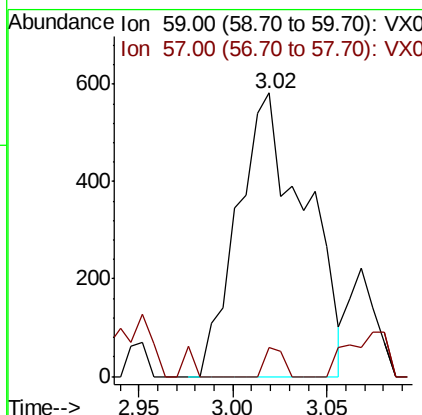
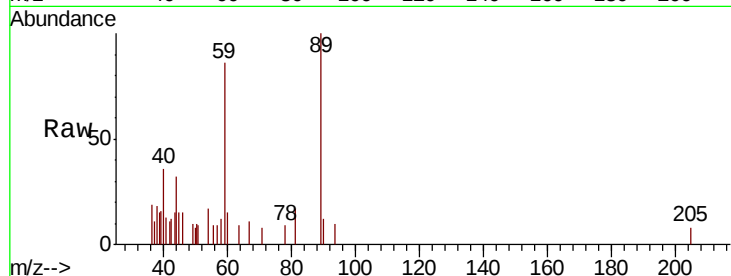




#11
Tert butyl alcohol
Concen: 2.661 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

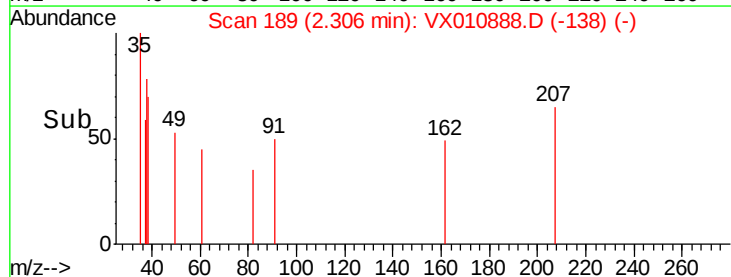
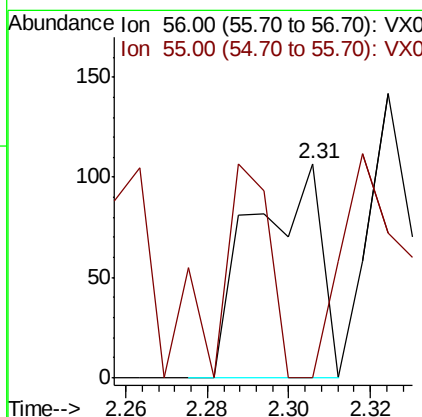
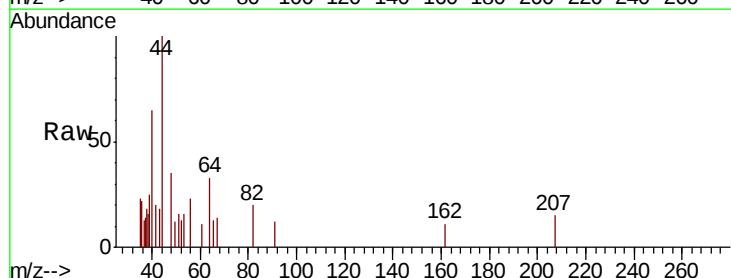
Instrument :
MSVOA_X
ClientSampleID :
FL-0599DL

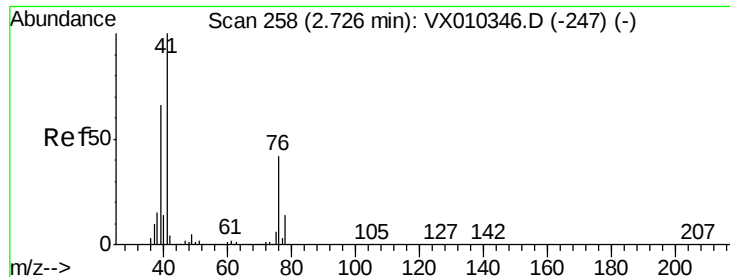
Tot Ion: 59 Resp: 1440
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 0.345 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

Tgt Ion: 56 Resp: 124
Ion Ratio Lower Upper
56 100
55 58.9 56.9 85.3





#14

Allvl chloride

Concen: 0.232 ug/l

RT: 2.60 min Scan# 238

Delta R.T. -0.12 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampled :

FL-0599DL

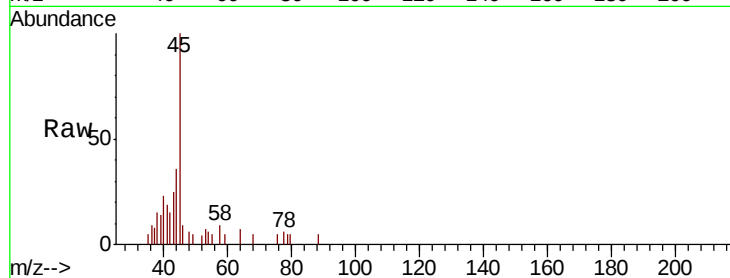
Tot Ion: 41 Resp: 629

Ion Ratio Lower Upper

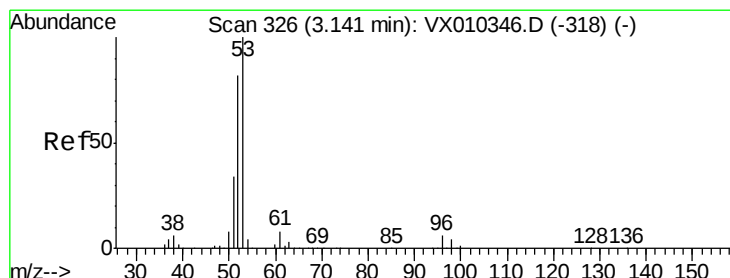
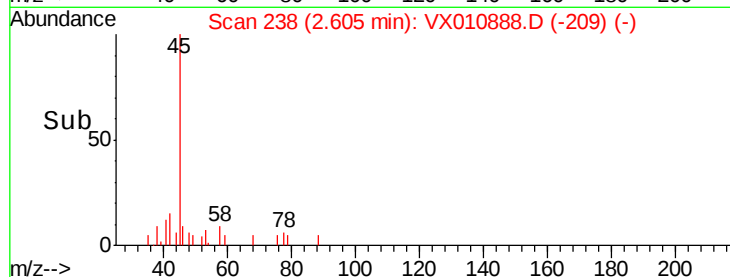
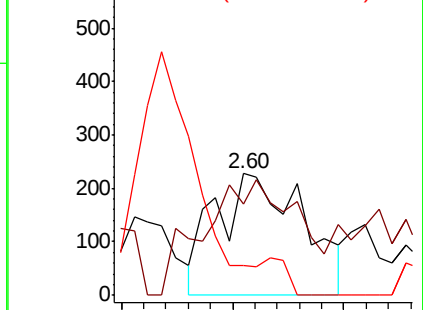
41 100

39 101.9 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



#15

Acrylonitrile

Concen: 1.244 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

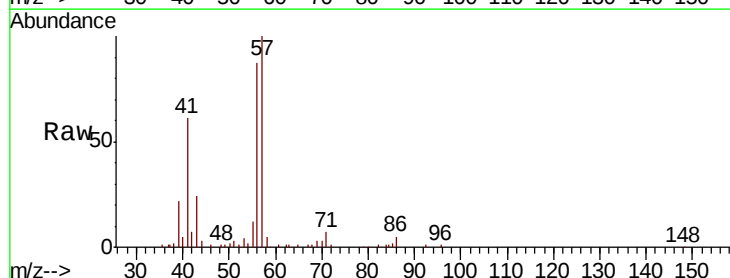
Tgt Ion: 53 Resp: 1333

Ion Ratio Lower Upper

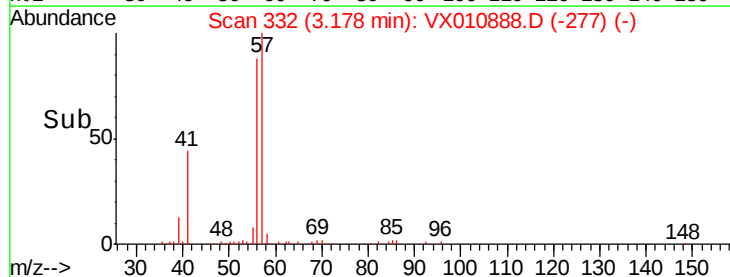
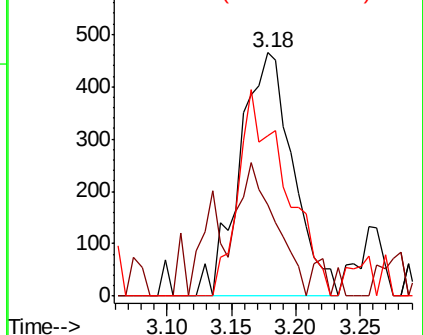
53 100

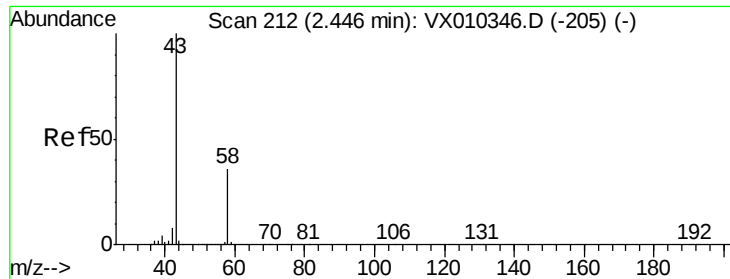
52 37.7 65.5 98.3#

51 75.6 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: 1.070 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

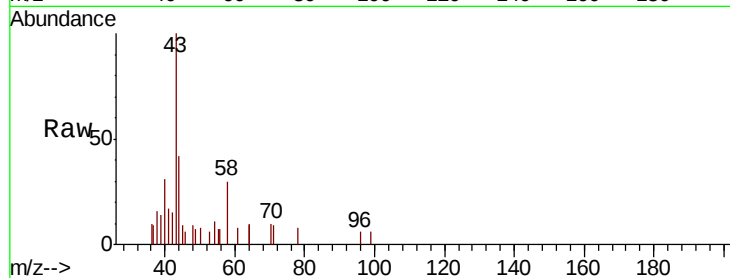
FL-0599DL

Tot Ion: 43 Resp: 1109

Ion Ratio Lower Upper

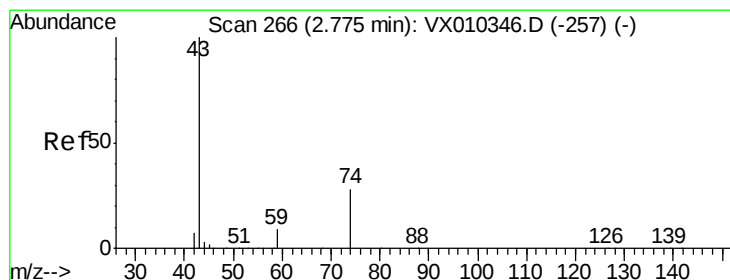
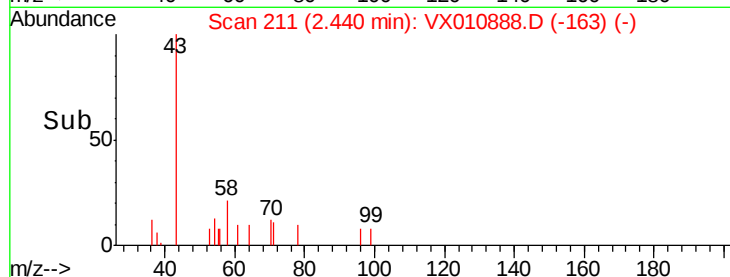
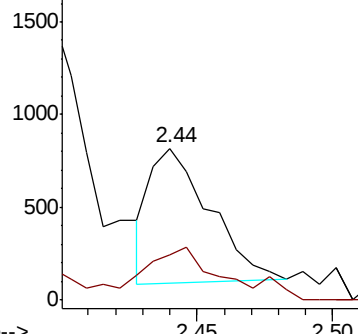
43 100

58 26.1 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 4.436 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010888.D

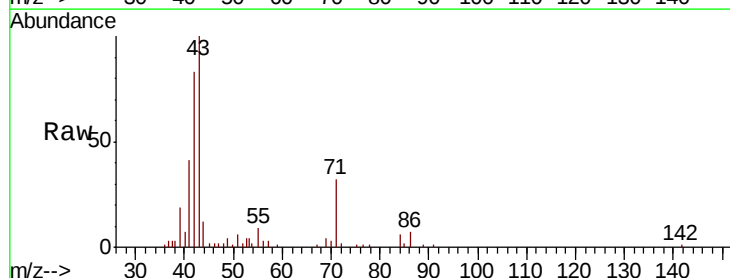
Acq: 15 Jul 2019 16:37

Tgt Ion: 43 Resp: 9164

Ion Ratio Lower Upper

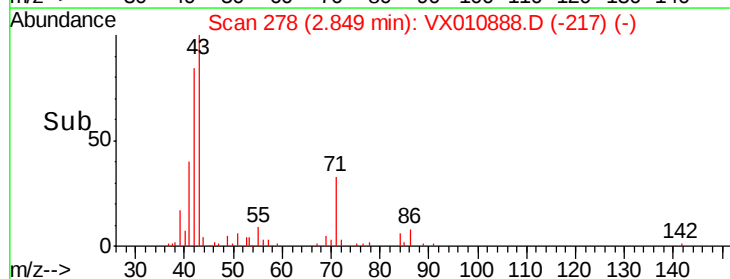
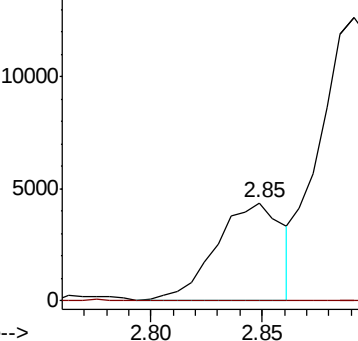
43 100

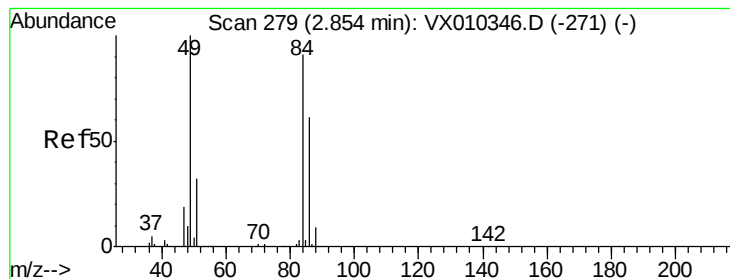
74 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methvlene Chloride

Concen: 0.291 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

FL-0599DL

Tot Ion: 84 Resp: 620

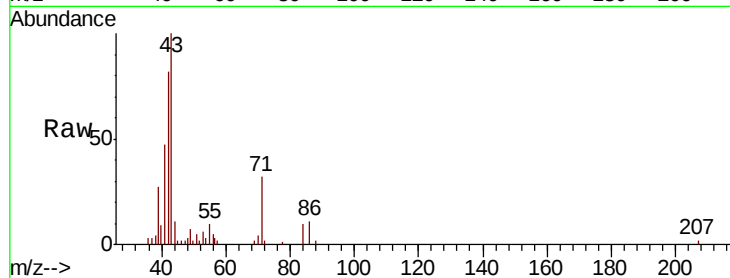
Ion Ratio Lower Upper

84 100

49 76.0 87.5 131.3#

51 22.9 27.7 41.5#

86 87.1 53.4 80.0#

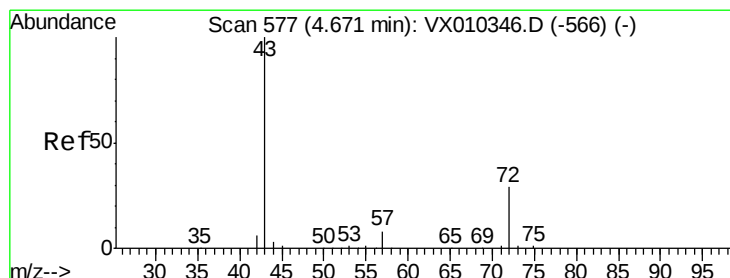
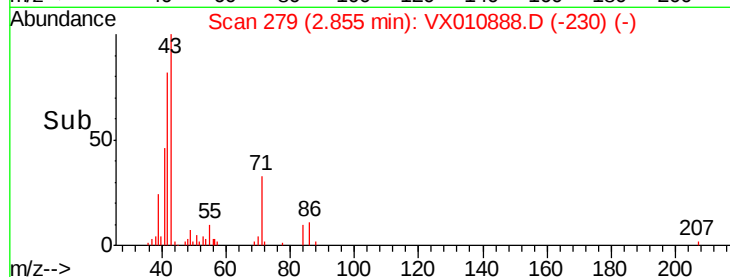
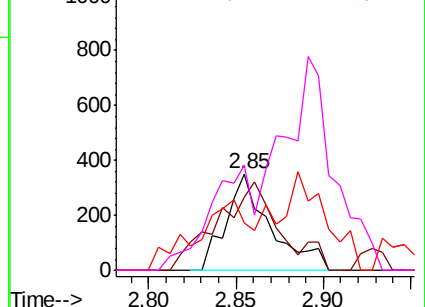


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.218 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX010888.D

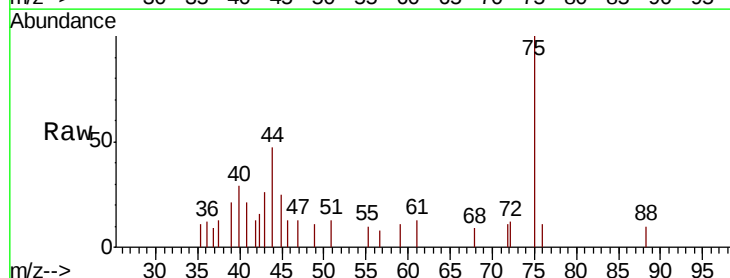
Acq: 15 Jul 2019 16:37

Tgt Ion: 43 Resp: 331

Ion Ratio Lower Upper

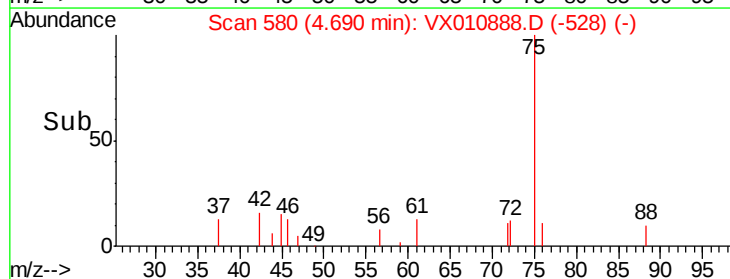
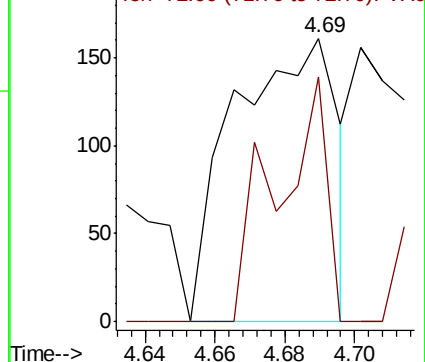
43 100

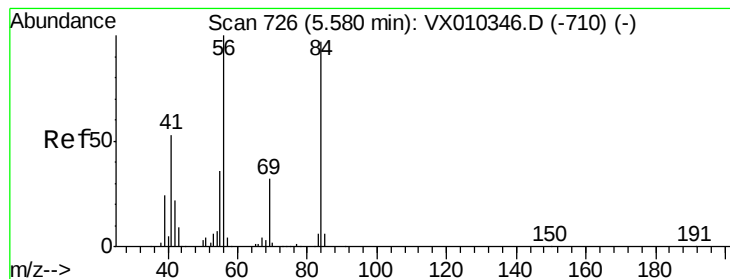
72 86.3 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

Cyclohexane

Concen: 9.231 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampled :

FL-0599DL

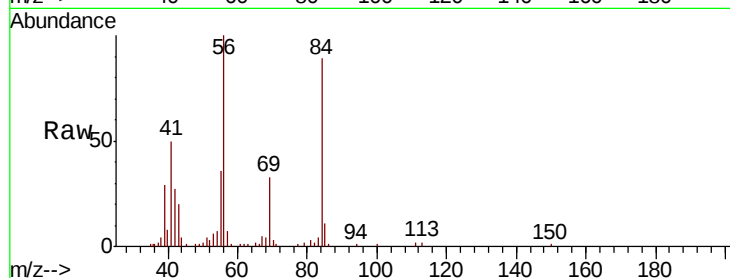
Tot Ion: 56 Resp: 27574

Ion Ratio Lower Upper

56 100

69 31.7 25.9 38.9

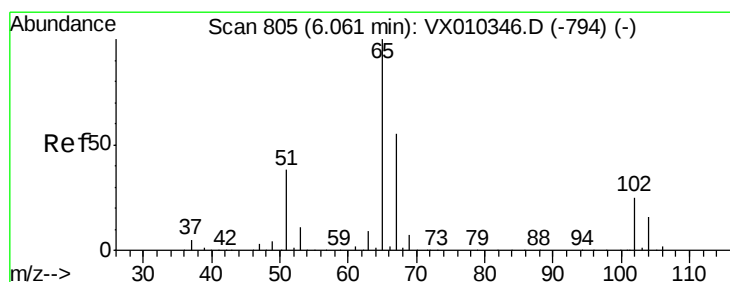
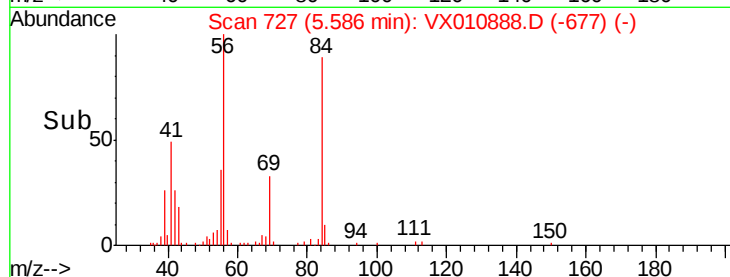
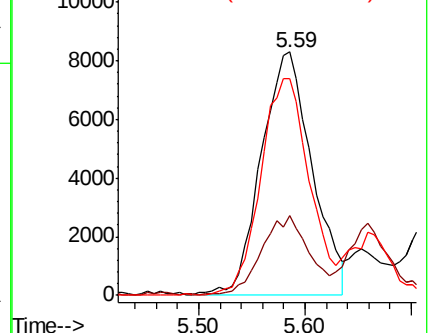
84 88.9 78.0 117.0



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: 56.223 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010888.D

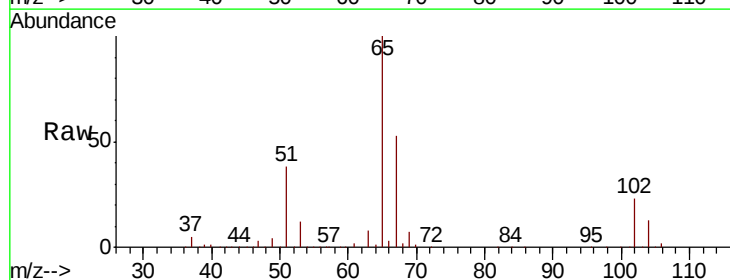
Acq: 15 Jul 2019 16:37

Tgt Ion: 65 Resp: 116270

Ion Ratio Lower Upper

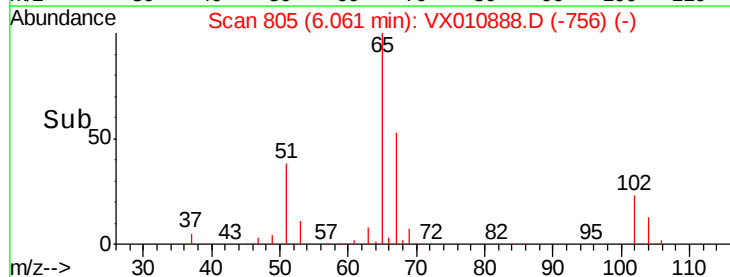
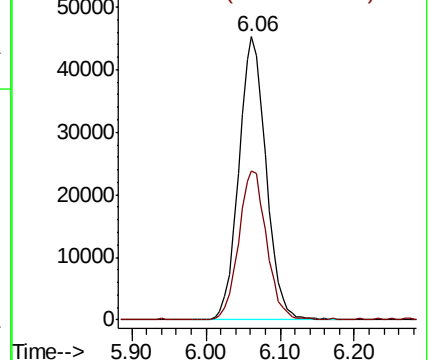
65 100

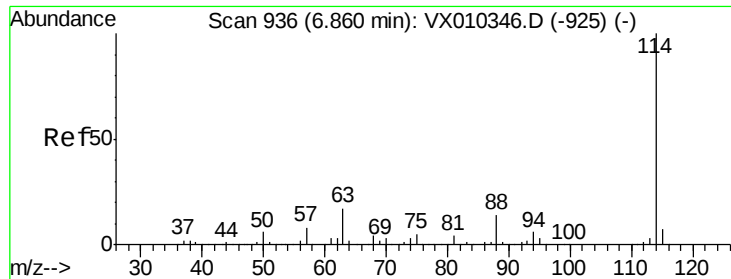
67 53.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

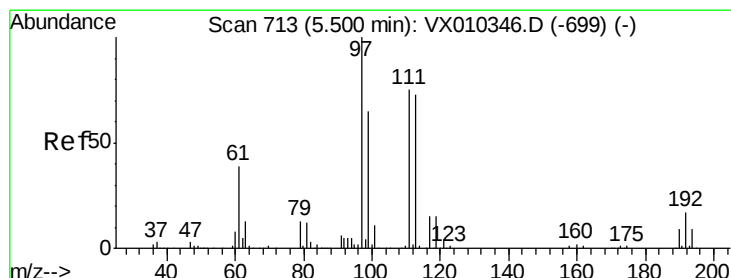
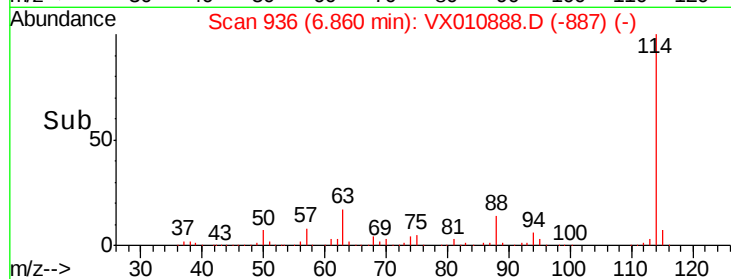
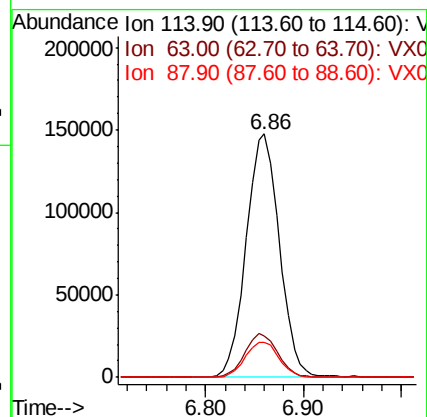
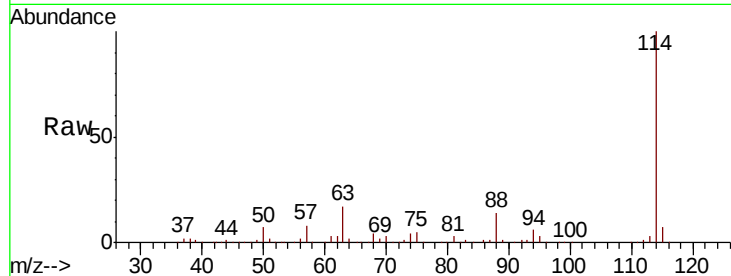




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

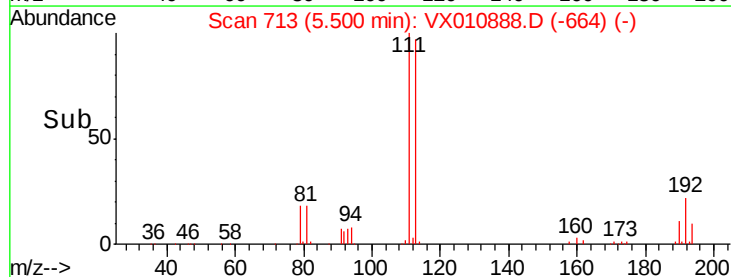
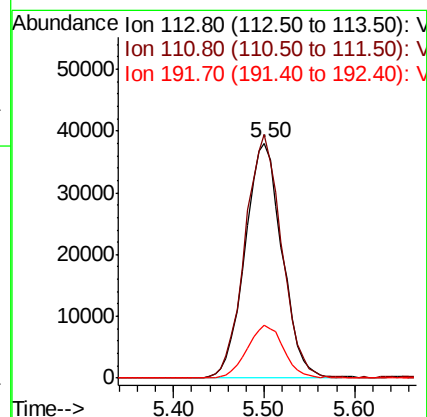
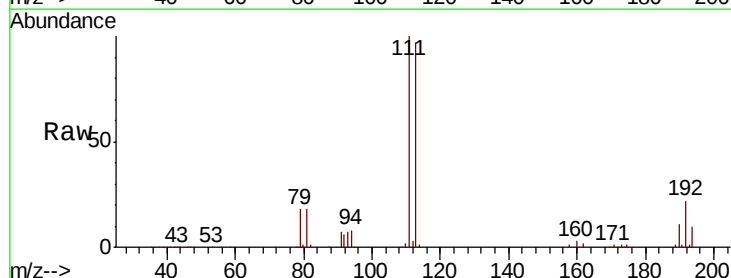
Instrument :
MSVOA_X
ClientSampleId :
FL-0599DL

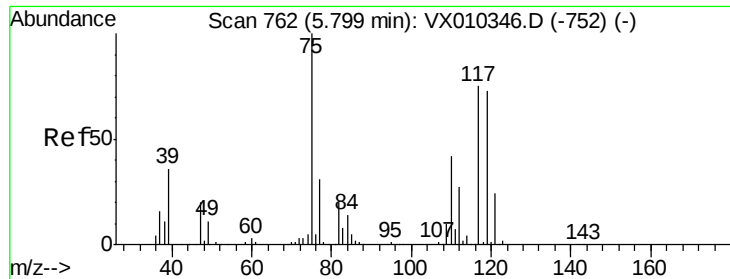
Tot Ion:114 Resp: 347480
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.8
88 14.4 0.0 27.6



#35
Dibromofluoromethane
Concen: 50.602 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

Tgt Ion:113 Resp: 107580
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 22.4 18.6 27.8

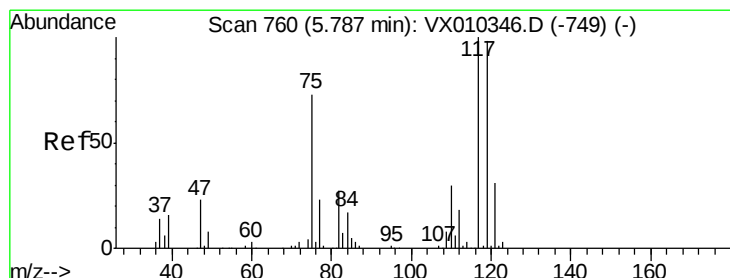
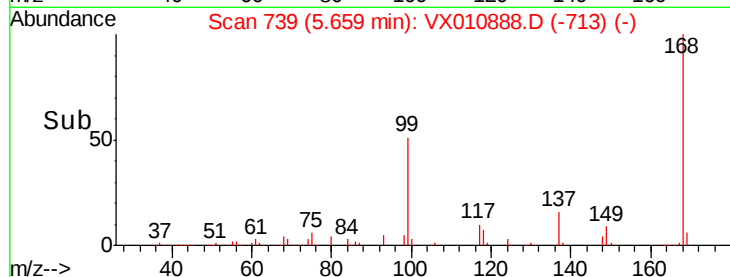
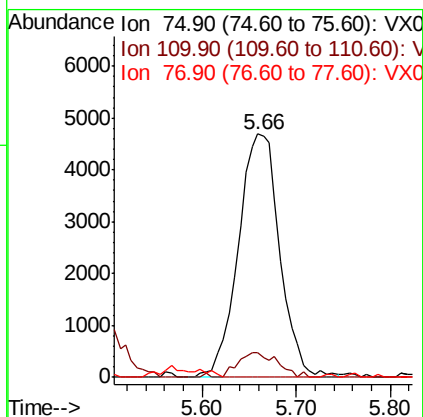
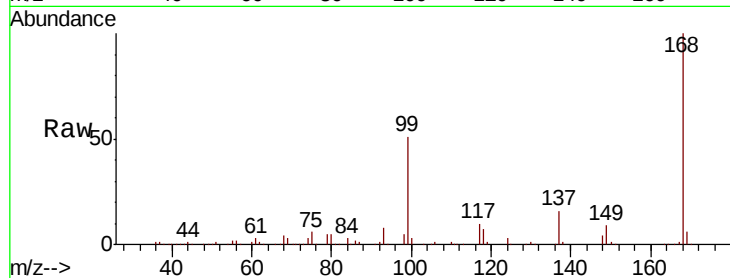




#36
 1,1-Dichloropropene
 Concen: 5.220 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010888.D
 Acq: 15 Jul 2019 16:37

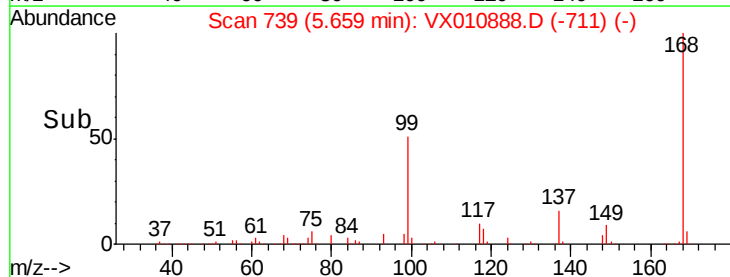
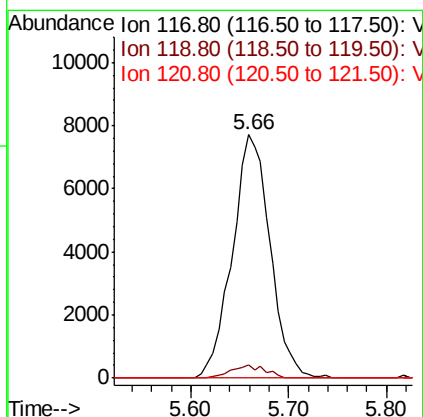
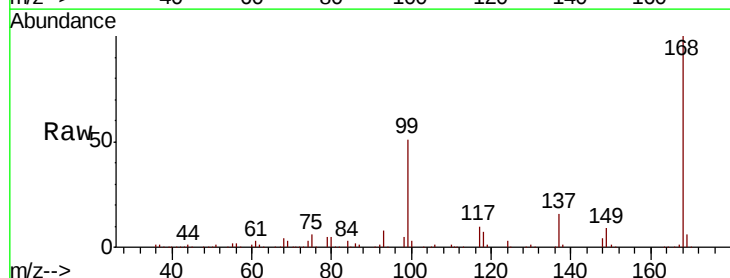
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0599DL

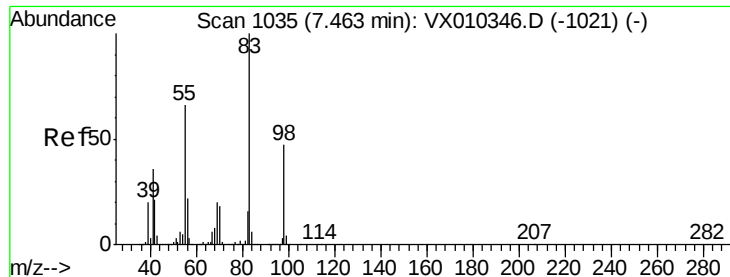
Tot Ion: 75 Resp: 14413
 Ion Ratio Lower Upper
 75 100
 110 9.8 20.8 62.2#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.918 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010888.D
 Acq: 15 Jul 2019 16:37

Tgt Ion: 117 Resp: 20686
 Ion Ratio Lower Upper
 117 100
 119 5.3 78.2 117.4#
 121 0.0 24.7 37.1#

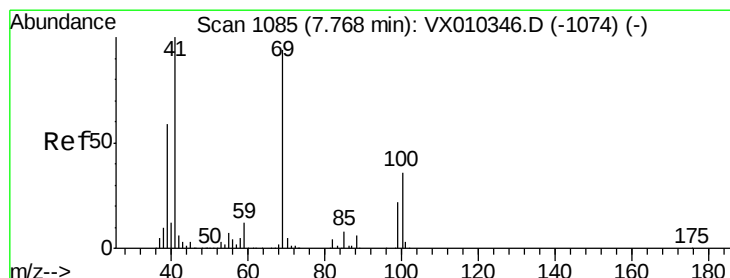
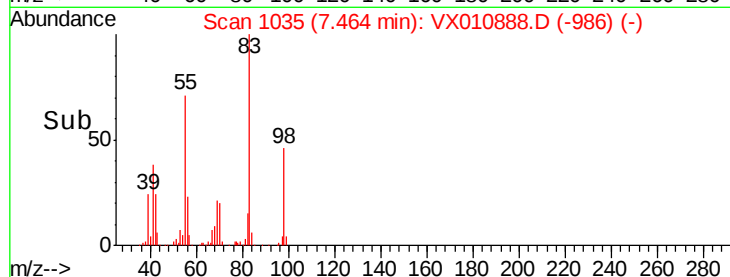
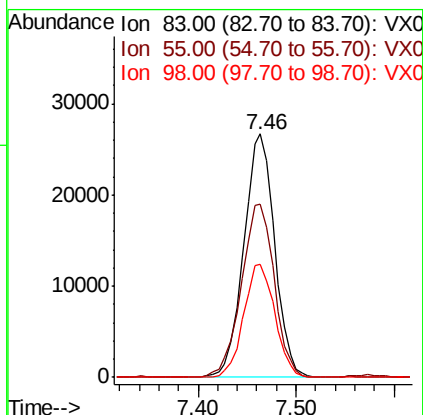
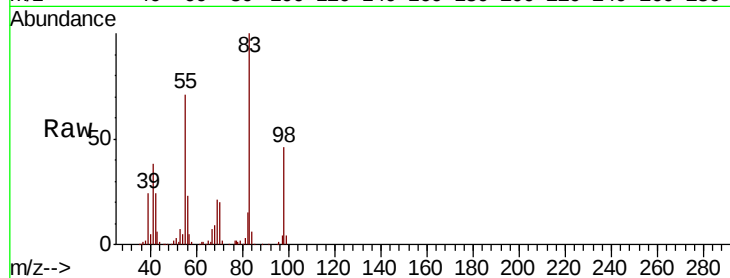




#39
Methylcyclohexane
Concen: 16.078 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

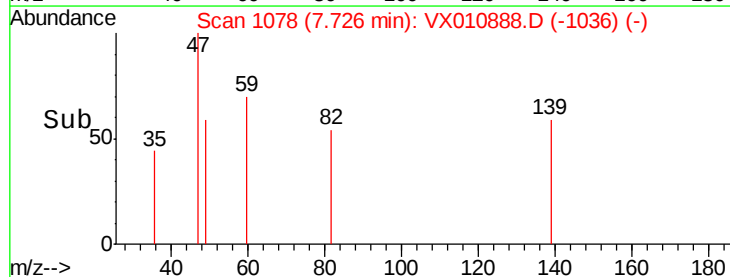
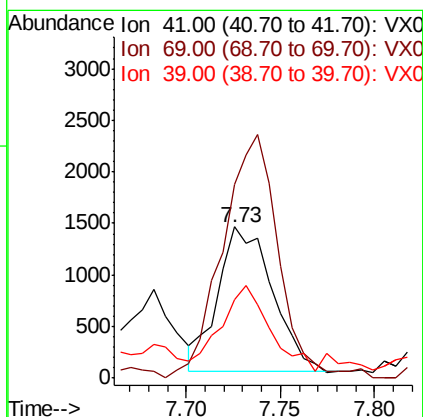
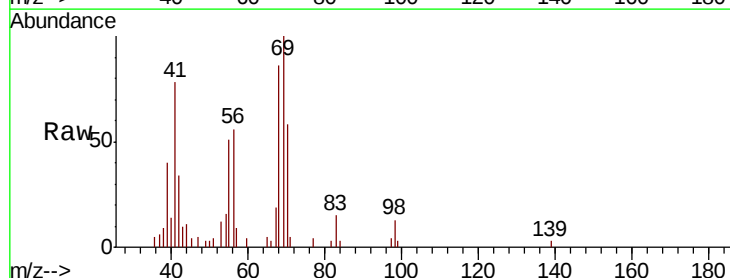
Instrument :
MSVOA_X
ClientSampleID :
FL-0599DL

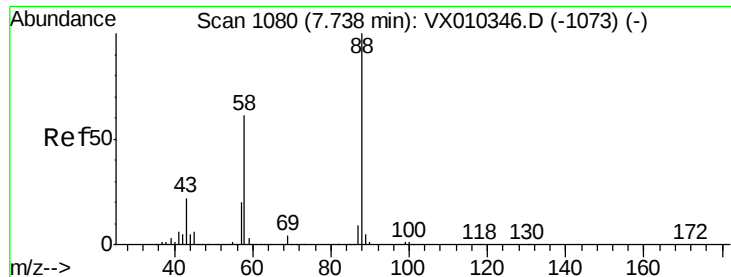
Tot Ion	83	Resp	58357
Ion Ratio	Lower	Upper	
83	100		
55	70.8	53.0	79.6
98	46.4	37.8	56.8



#48
Methyl methacrylate
Concen: 1.279 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.04 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

Tgt Ion	41	Resp	2794
Ion Ratio	Lower	Upper	
41	100		
69	174.2	76.1	114.1#
39	52.7	47.6	71.4

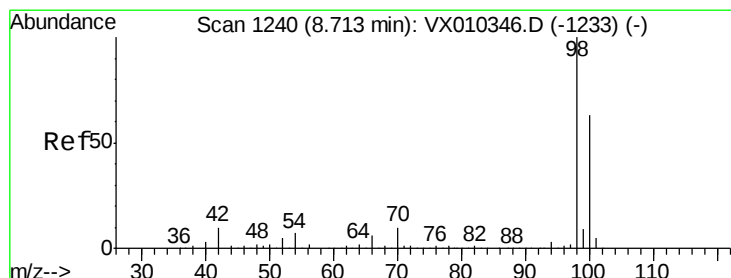
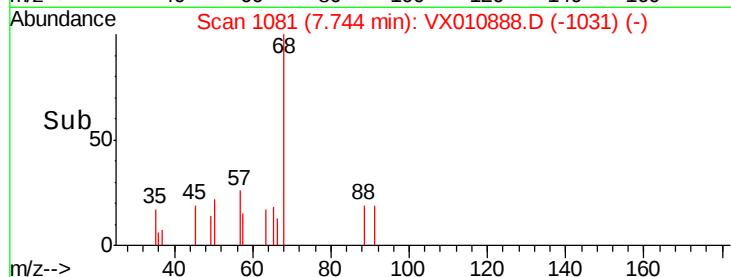
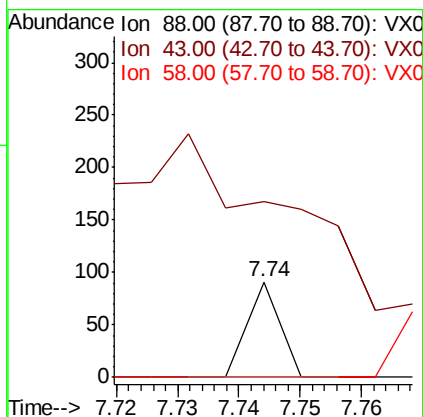
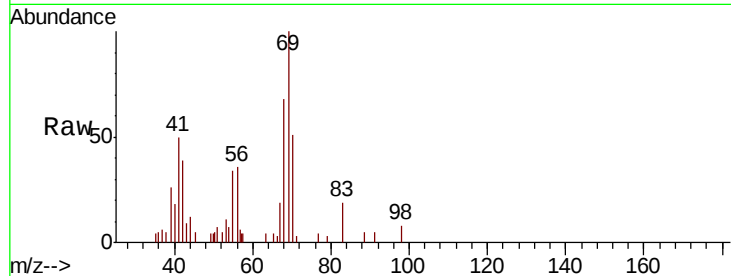




#49
1,4-Dioxane
Concen: 0.524 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

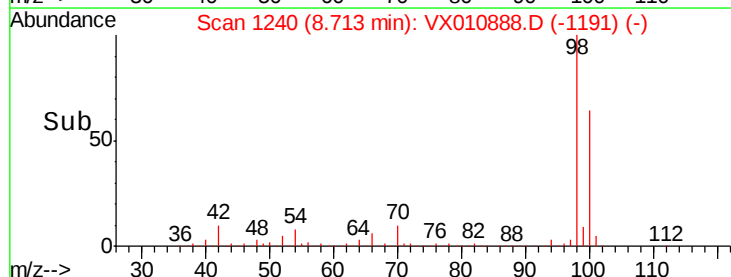
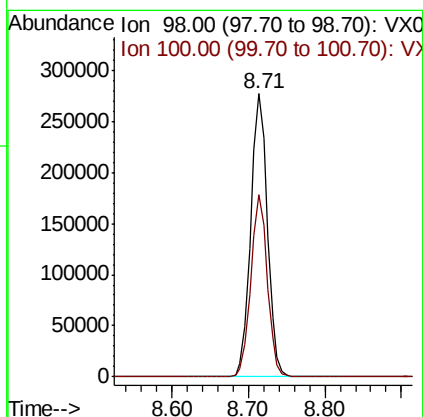
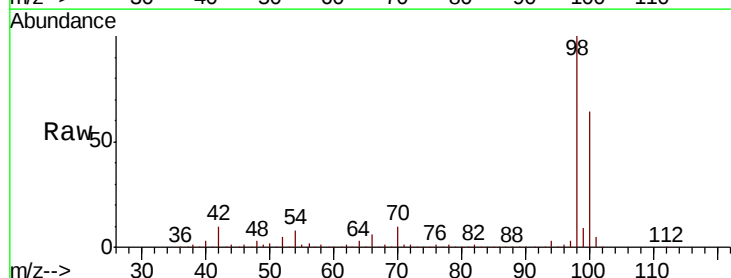
Instrument :
MSVOA_X
ClientSampleId :
FL-0599DL

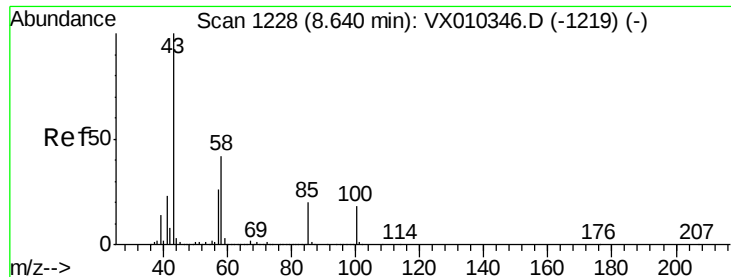
Tot Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#



#50
Toluene-d8
Concen: 51.781 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

Tgt Ion: 98 Resp: 421174
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

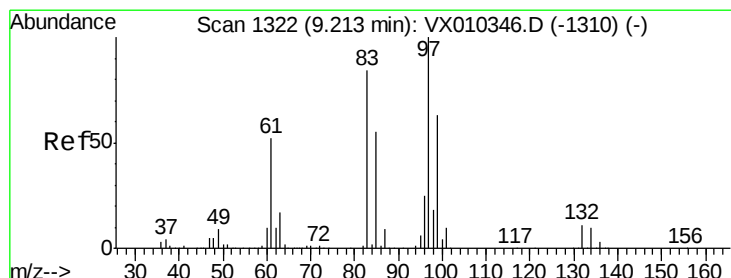
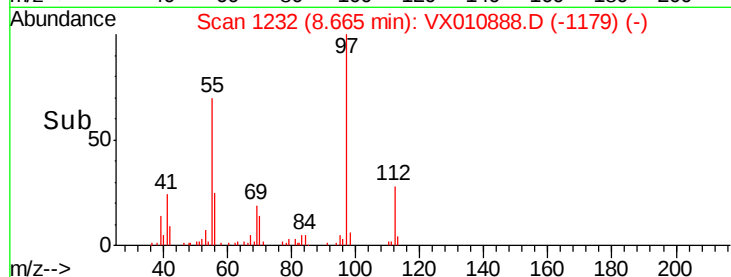
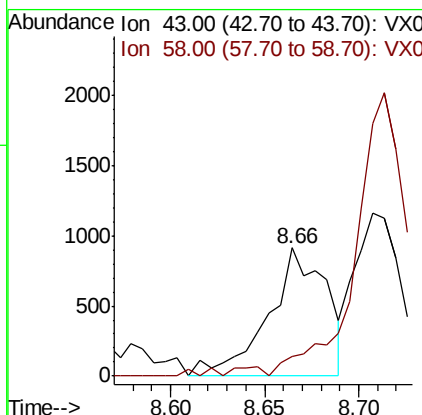
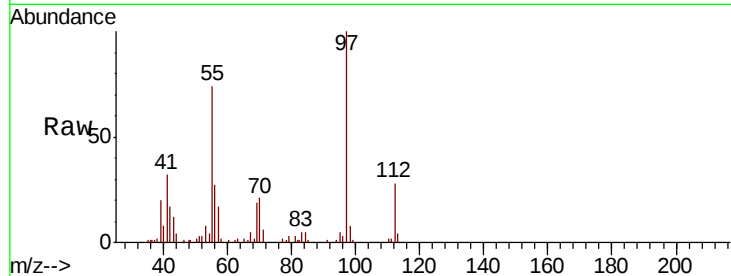




#51
 4-Methyl-2-Pentanone
 Concen: 0.647 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX010888.D
 Acq: 15 Jul 2019 16:37

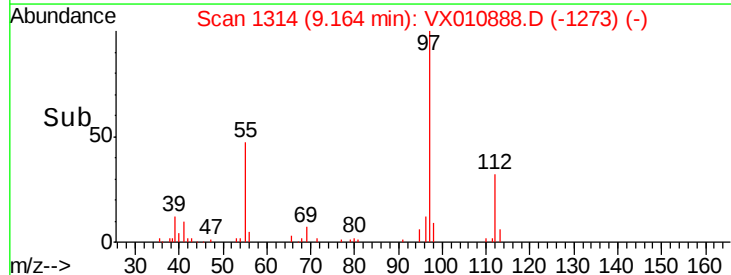
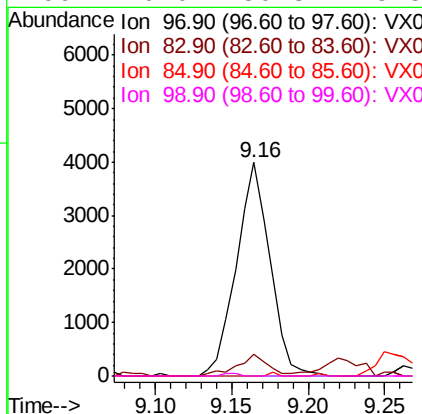
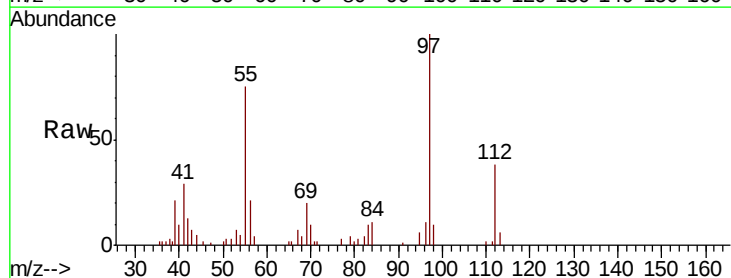
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0599DL

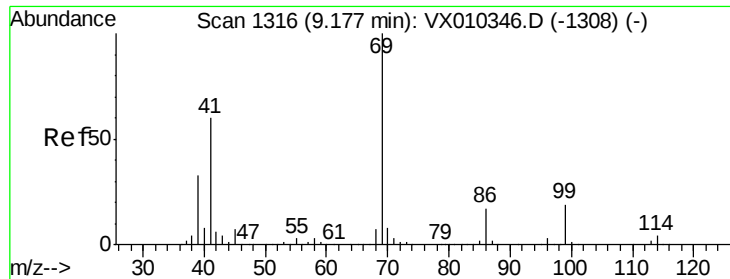
Tot Ion: 43 Resp: 1945
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.5 50.3#



#55
 1,1,2-Trichloroethane
 Concen: 2.595 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010888.D
 Acq: 15 Jul 2019 16:37

Tgt Ion: 97 Resp: 6062
 Ion Ratio Lower Upper
 97 100
 83 10.2 67.4 101.0#
 85 0.0 43.8 65.8#
 99 0.0 50.3 75.5#





#56

Ethyl methacrylate

Concen: 0.397 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampleID :

FL-0599DL

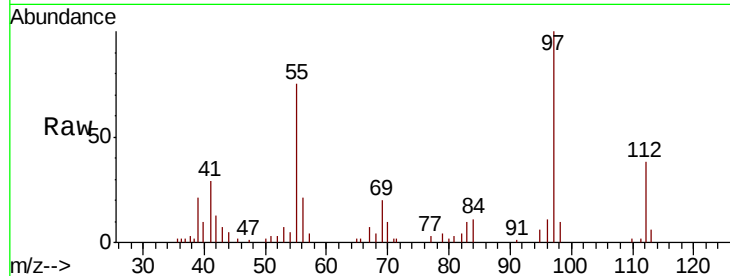
Tot Ion: 69 Resp: 1405

Ion Ratio Lower Upper

69 100

41 160.1 47.1 70.7#

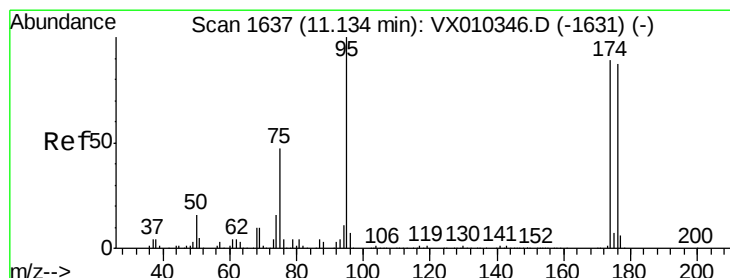
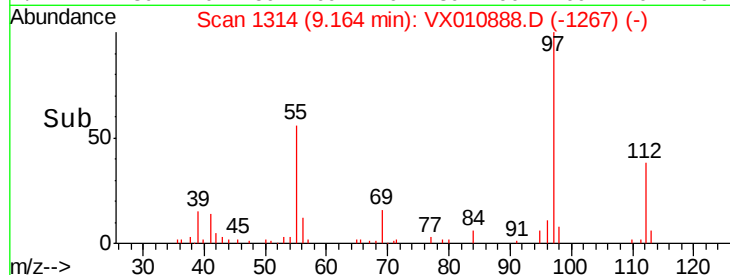
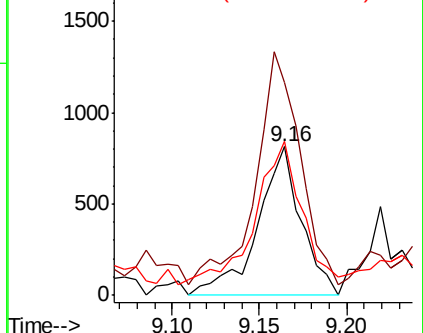
39 103.0 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 50.388 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

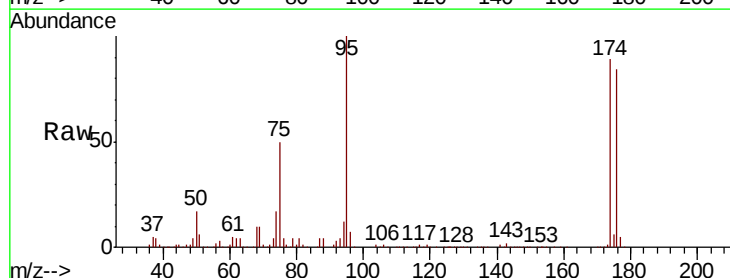
Tgt Ion: 95 Resp: 147965

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.6

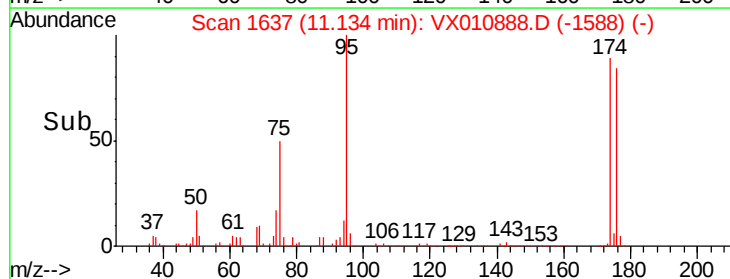
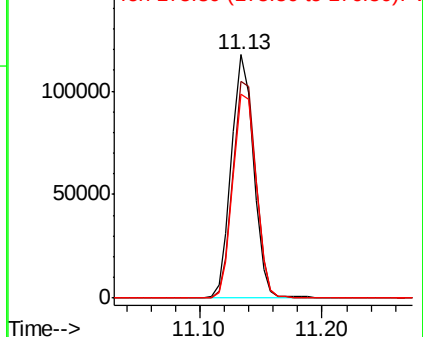
176 88.0 0.0 184.0

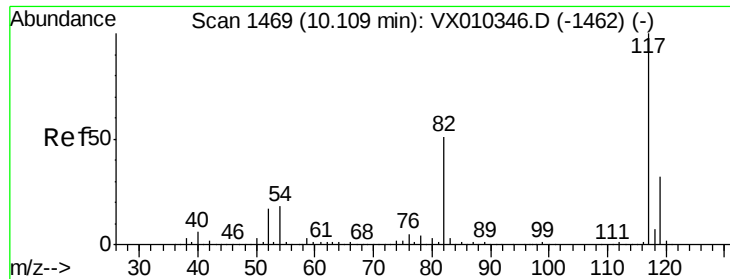


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

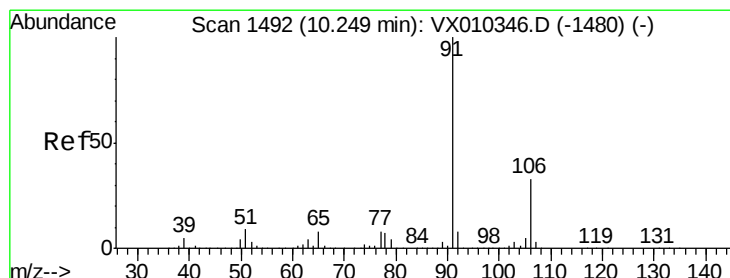
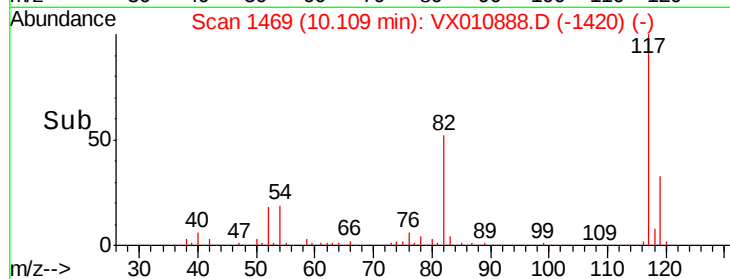
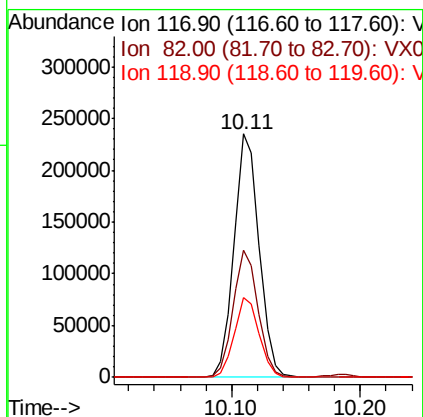
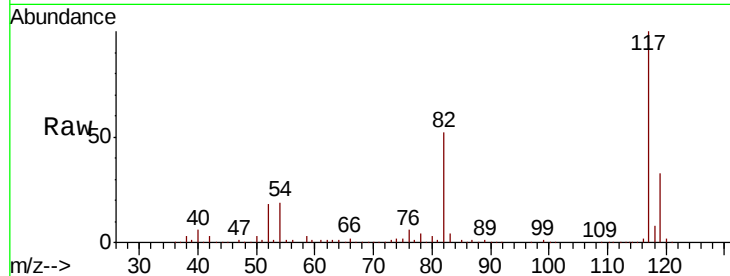




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

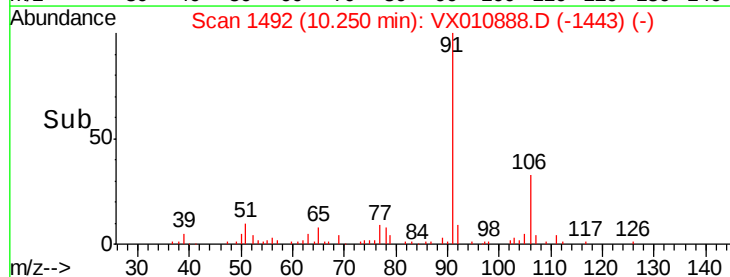
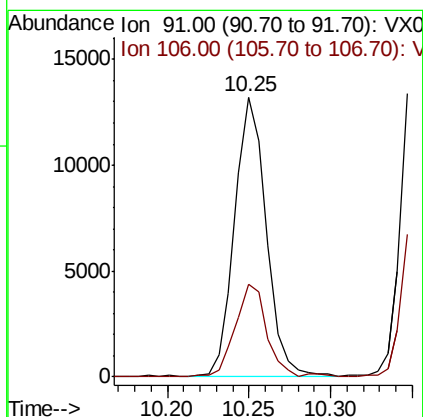
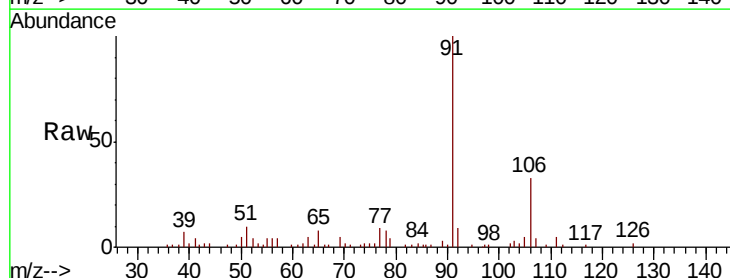
Instrument :
MSVOA_X
ClientSampled :
FL-0599DL

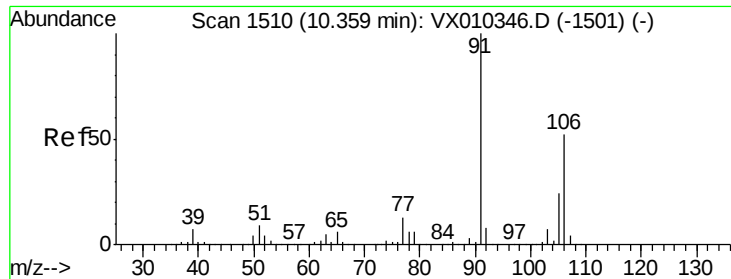
Tot Ion:117 Resp: 318469
Ion Ratio Lower Upper
117 100
82 52.1 41.2 61.8
119 32.8 25.5 38.3



#67
Ethyl Benzene
Concen: 1.643 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

Tgt Ion: 91 Resp: 17932
Ion Ratio Lower Upper
91 100
106 33.3 26.2 39.2

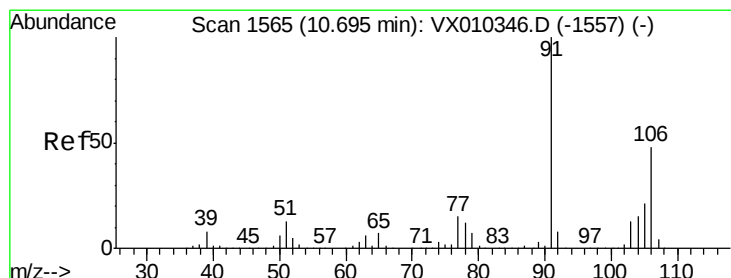
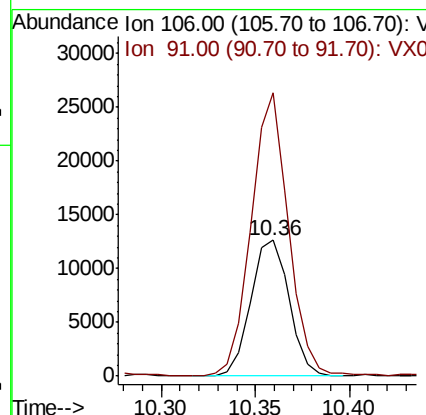
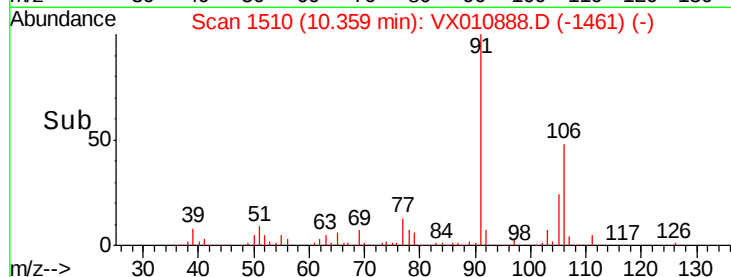
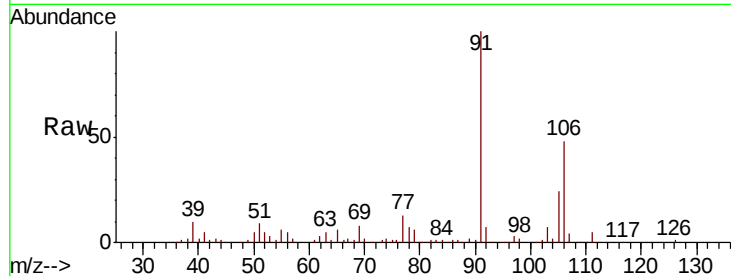




#68
m/p-Xylenes
Concen: 4.237 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

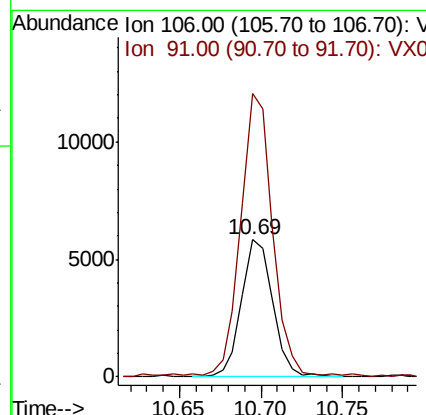
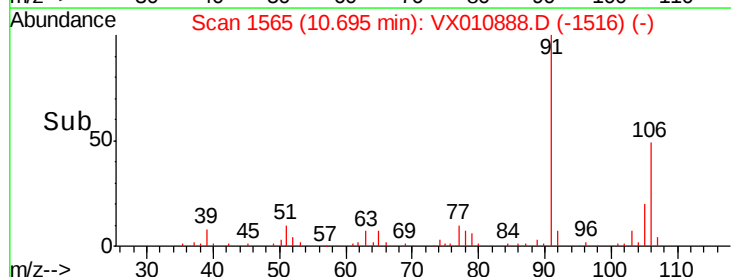
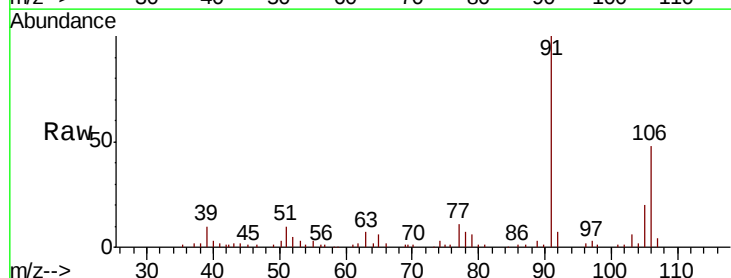
Instrument :
MSVOA_X
ClientSampled :
FL-0599DL

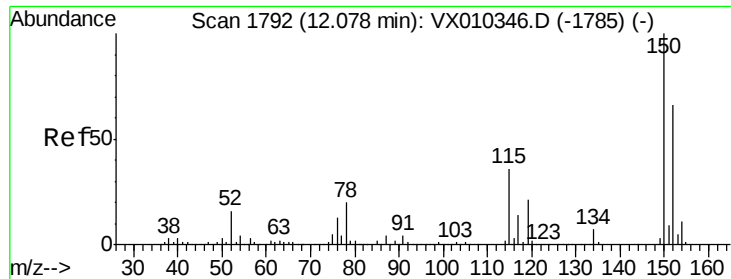
Tot Ion:106 Resp: 17920
Ion Ratio Lower Upper
106 100
91 199.5 155.3 232.9



#69
o-Xylene
Concen: 1.878 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

Tgt Ion:106 Resp: 7812
Ion Ratio Lower Upper
106 100
91 212.5 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampled :

FL-0599DL

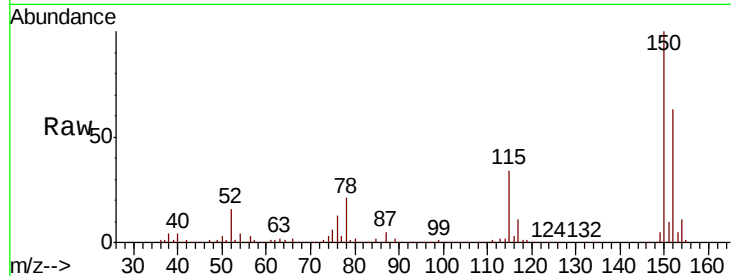
Tot Ion:152 Resp: 154421

Ion Ratio Lower Upper

152 100

115 56.3 38.6 115.7

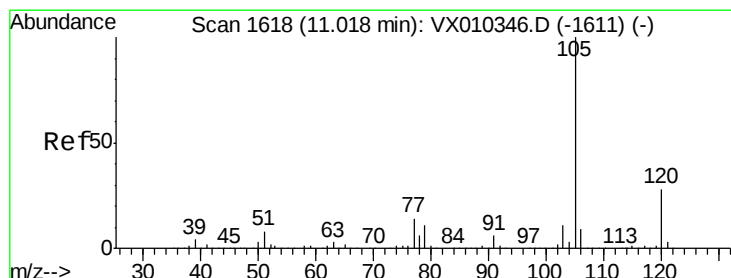
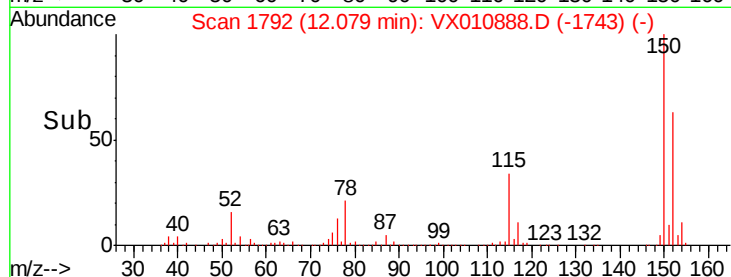
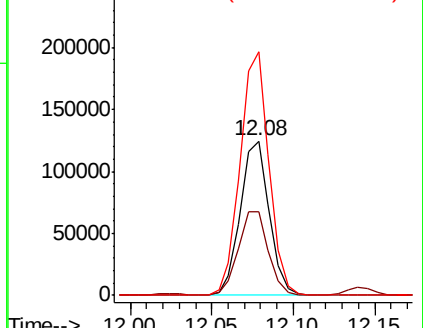
150 157.1 0.0 347.4



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: 4.109 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010888.D

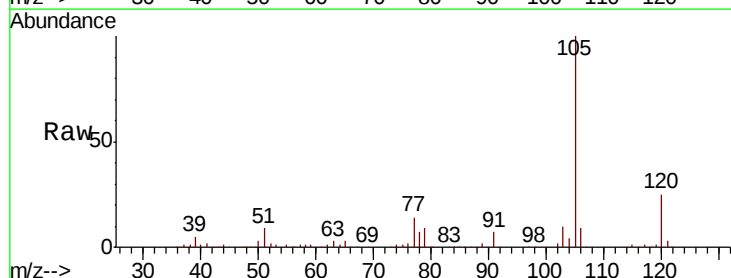
Acq: 15 Jul 2019 16:37

Tgt Ion:105 Resp: 43015

Ion Ratio Lower Upper

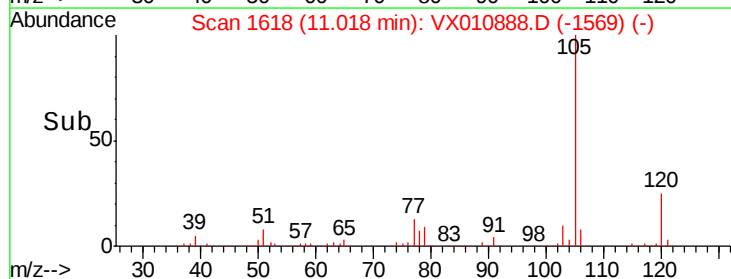
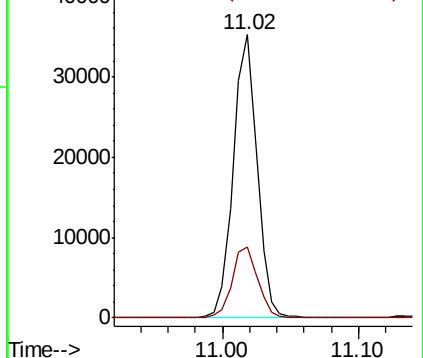
105 100

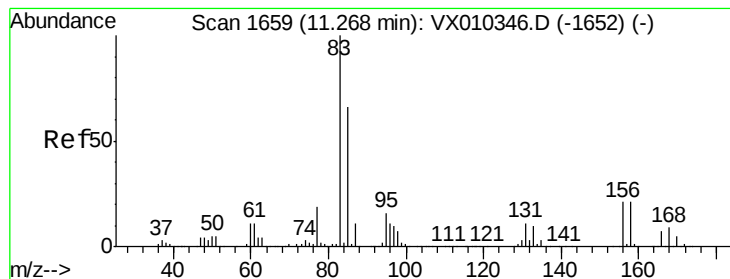
120 26.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.273 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampleID :

FL-0599DL

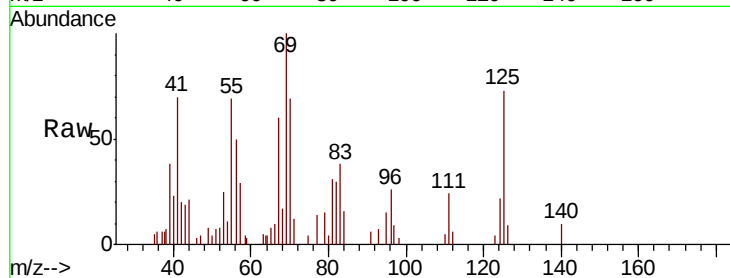
Tot Ion: 83 Resp: 945

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

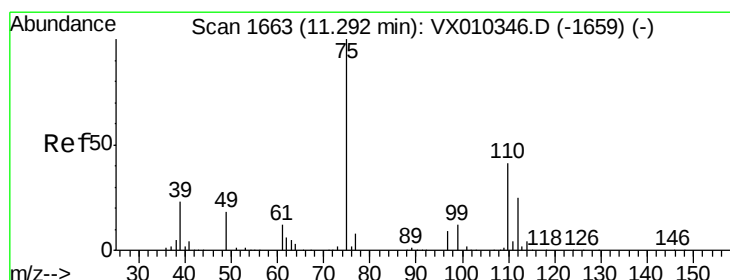
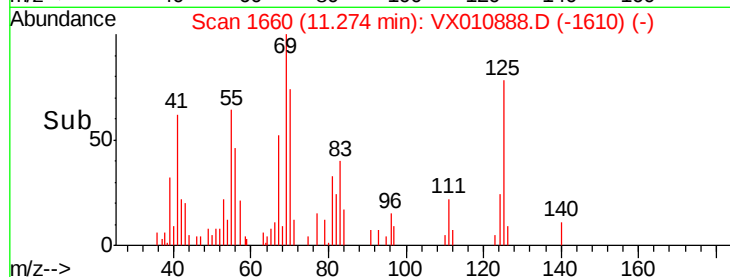
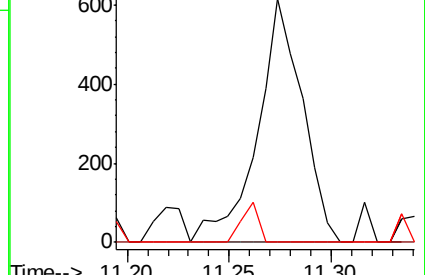
85 5.9 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.979 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX010888.D

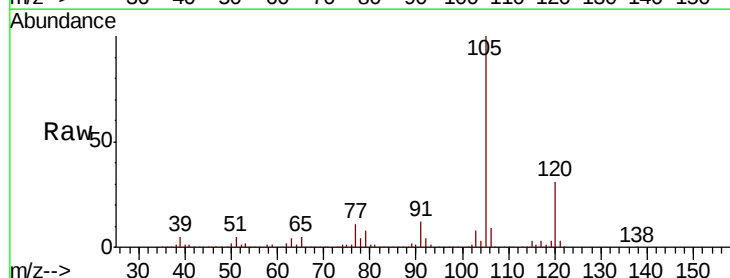
Acq: 15 Jul 2019 16:37

Tgt Ion: 75 Resp: 2756

Ion Ratio Lower Upper

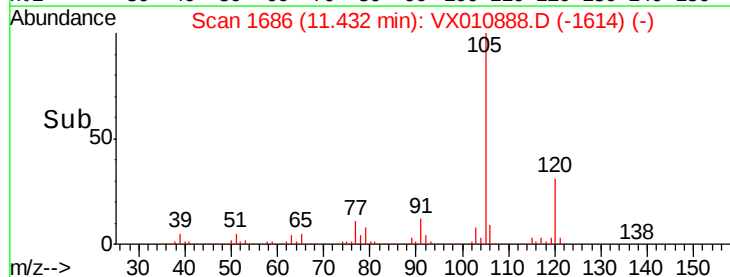
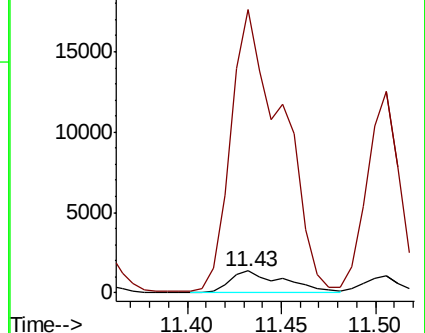
75 100

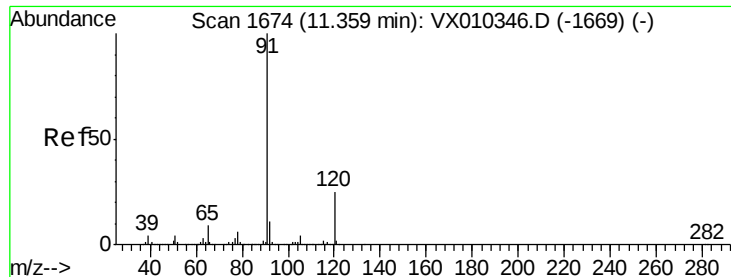
77 1214.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 6.213 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

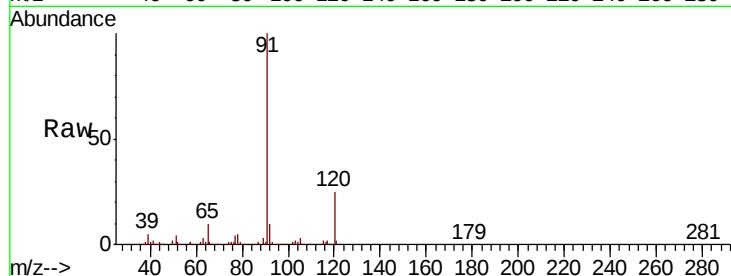
FL-0599DL

Tot Ion: 91 Resp: 71478

Ion Ratio Lower Upper

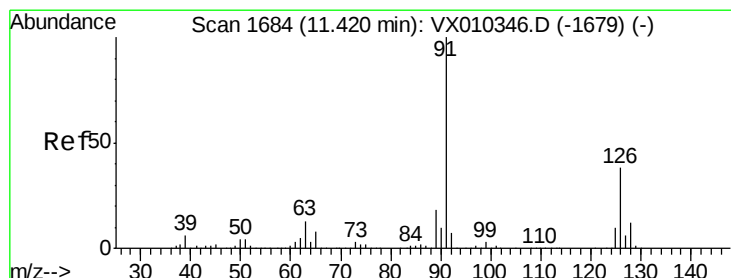
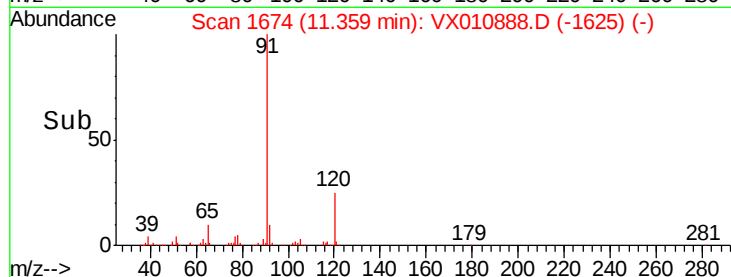
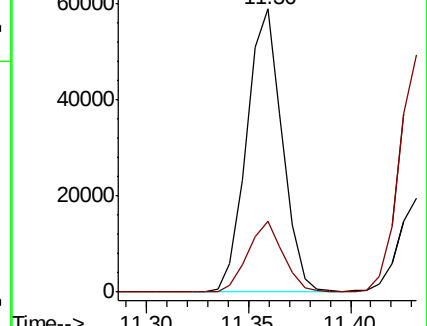
91 100

120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 5.208 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010888.D

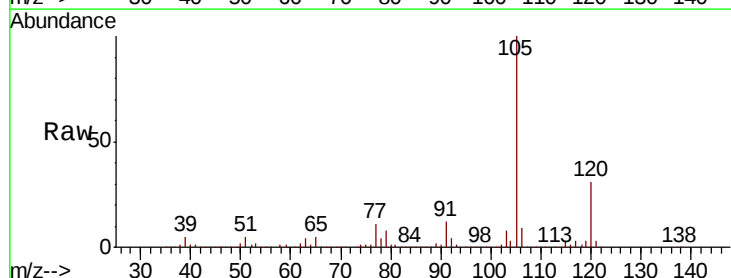
Acq: 15 Jul 2019 16:37

Tgt Ion: 91 Resp: 35677

Ion Ratio Lower Upper

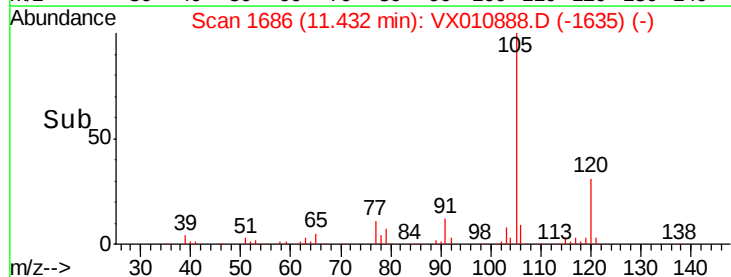
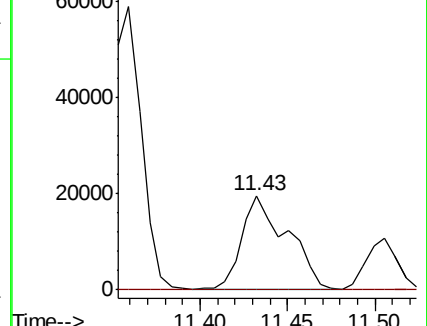
91 100

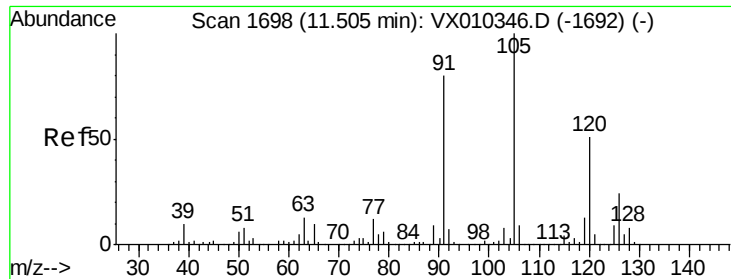
126 0.2 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

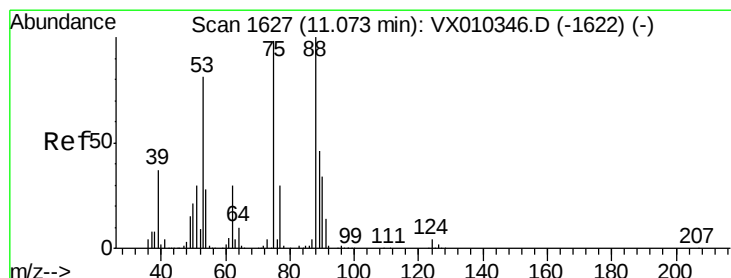
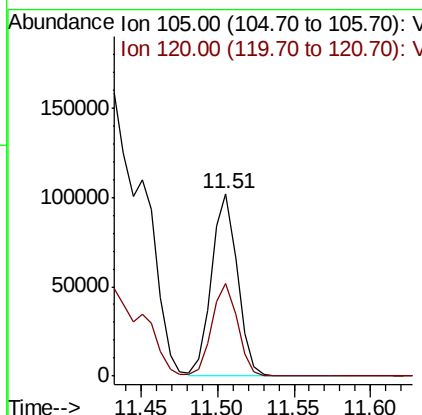
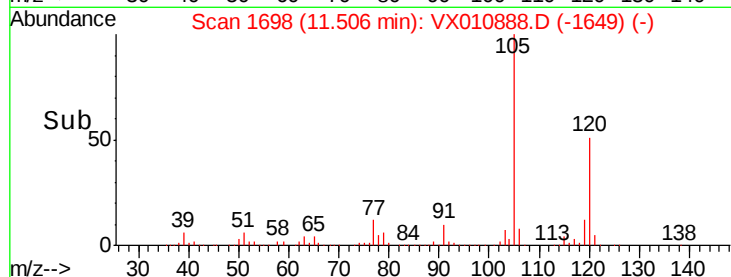
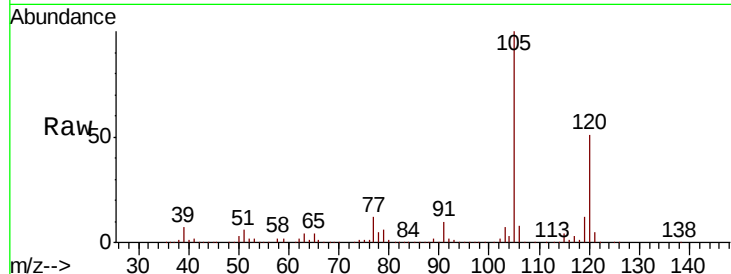




#80
 1,3,5-Trimethylbenzene
 Concen: 14.005 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010888.D
 Acq: 15 Jul 2019 16:37

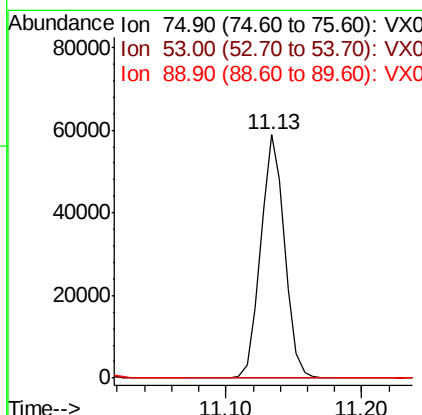
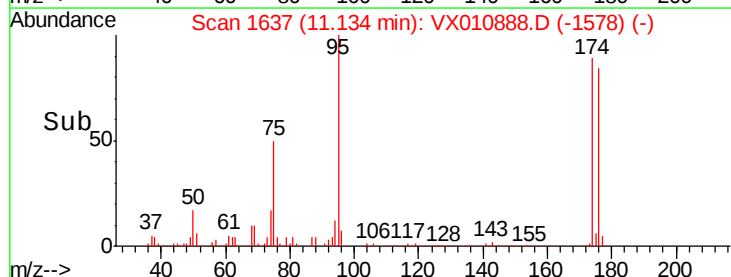
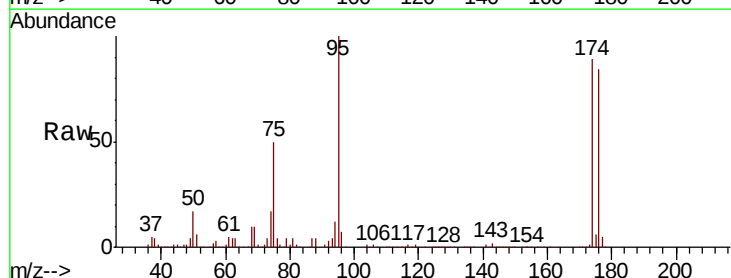
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0599DL

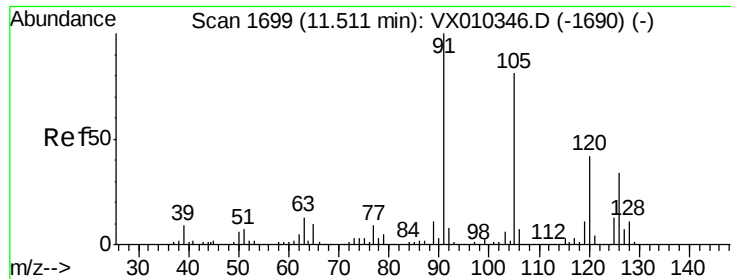
Tot Ion:105 Resp: 120857
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.332 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010888.D
 Acq: 15 Jul 2019 16:37

Tgt Ion: 75 Resp: 72773
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#

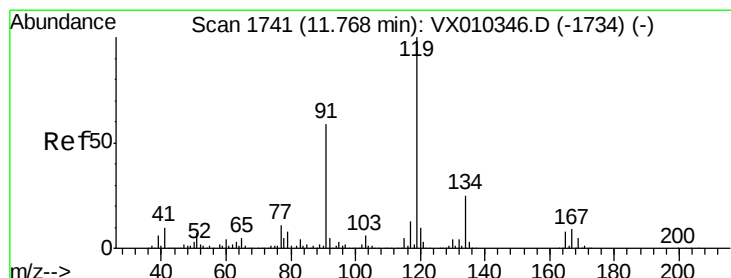
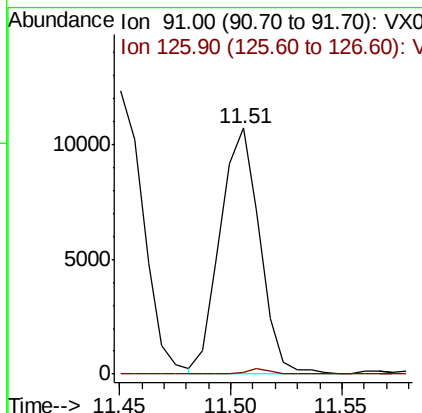
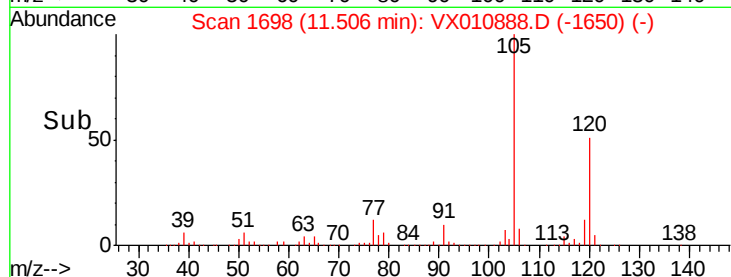
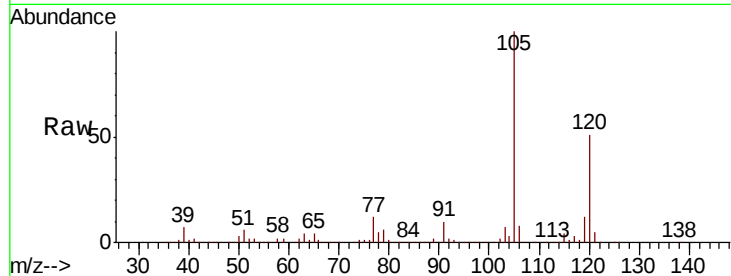




#82
4-Chlorotoluene
Concen: 1.703 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

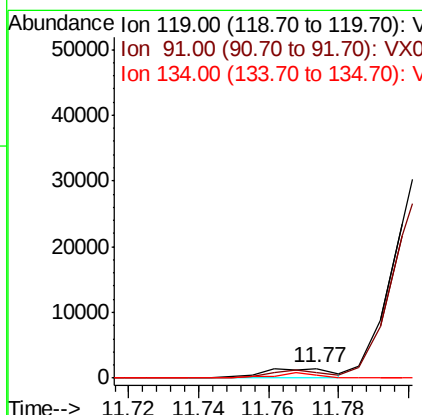
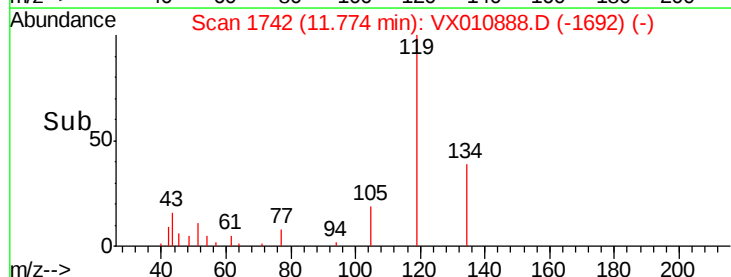
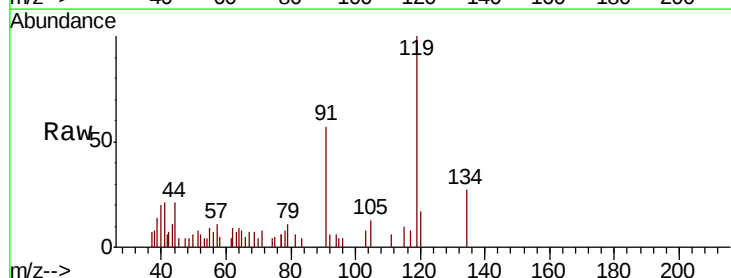
Instrument :
MSVOA_X
ClientSampled :
FL-0599DL

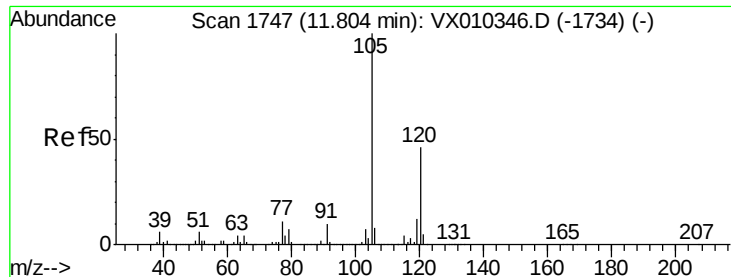
Tot Ion: 91 Resp: 13274
Ion Ratio Lower Upper
91 100
126 1.2 16.2 48.6#



#83
tert-Butylbenzene
Concen: 0.227 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

Tgt Ion: 119 Resp: 1966
Ion Ratio Lower Upper
119 100
91 70.7 27.6 82.7
134 35.5 11.8 35.4#

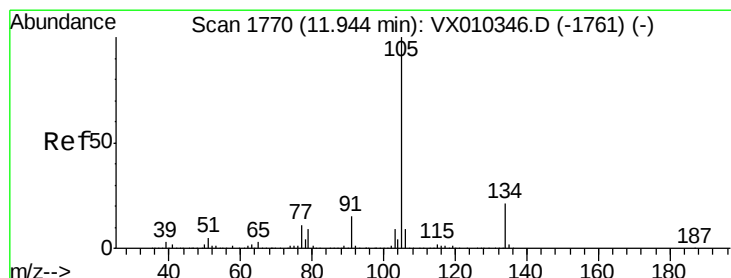
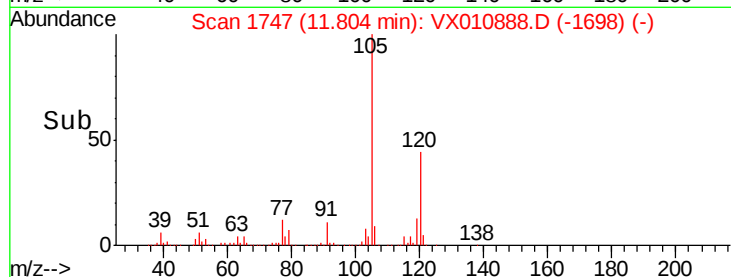
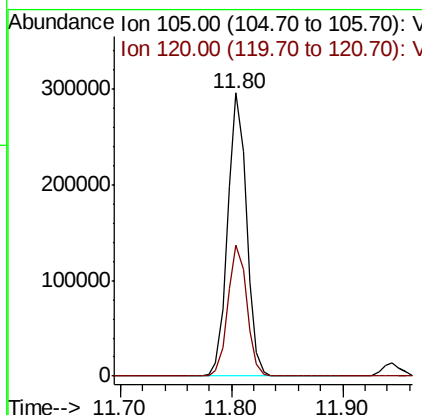
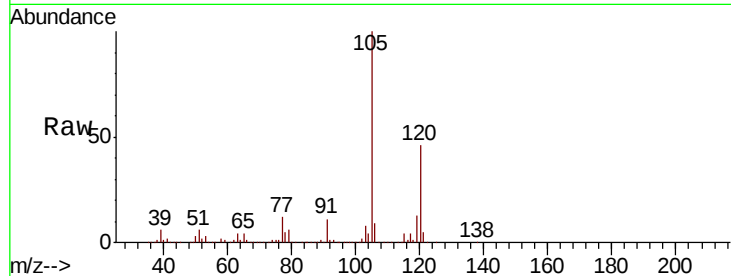




#84
 1,2,4-Trimethylbenzene
 Concen: 39.901 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010888.D
 Acq: 15 Jul 2019 16:37

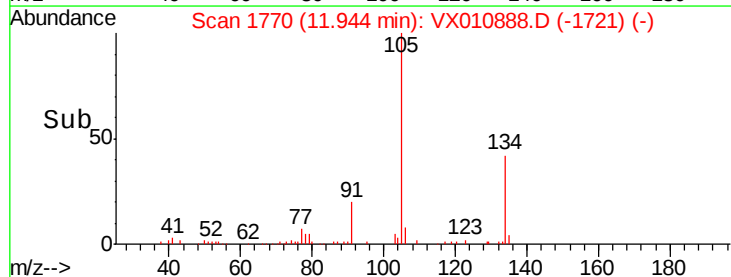
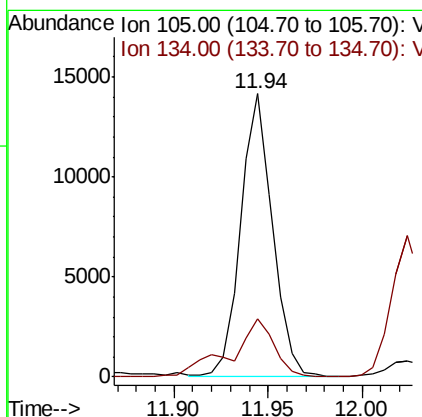
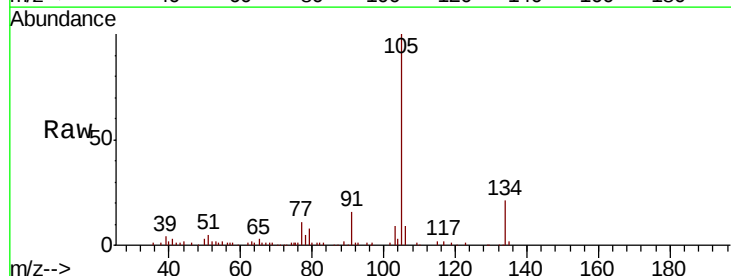
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0599DL

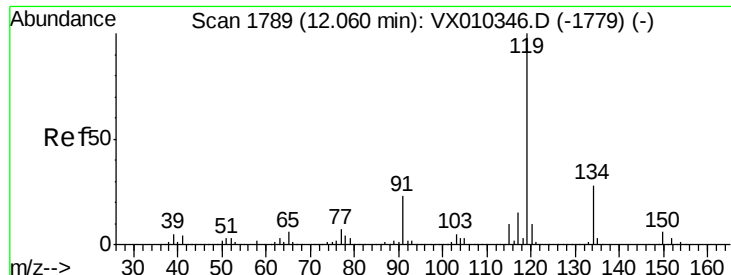
Tot Ion:105 Resp: 345941
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 1.627 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010888.D
 Acq: 15 Jul 2019 16:37

Tgt Ion:105 Resp: 16547
 Ion Ratio Lower Upper
 105 100
 134 28.2 10.7 31.9

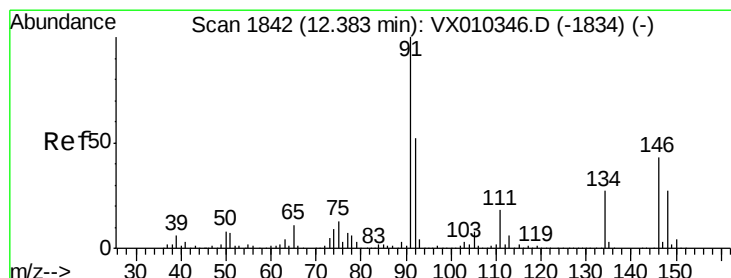
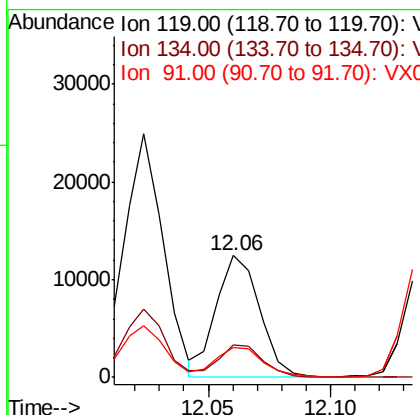
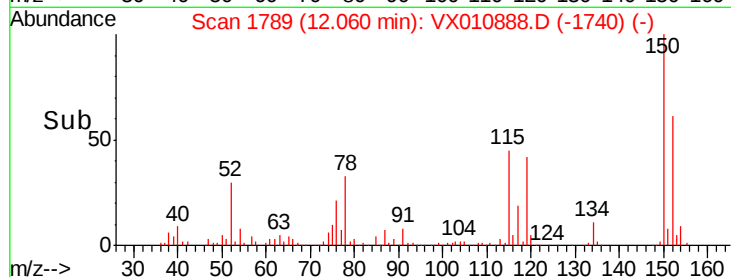
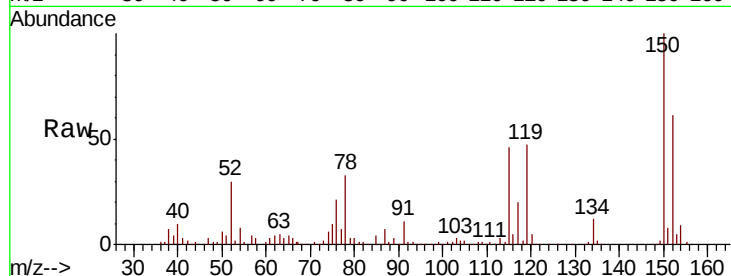




#86
p-Isopropyltoluene
Concen: 1.640 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

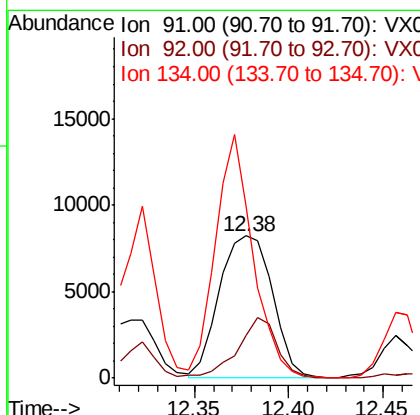
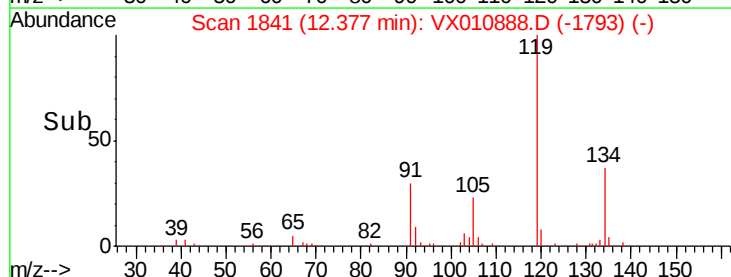
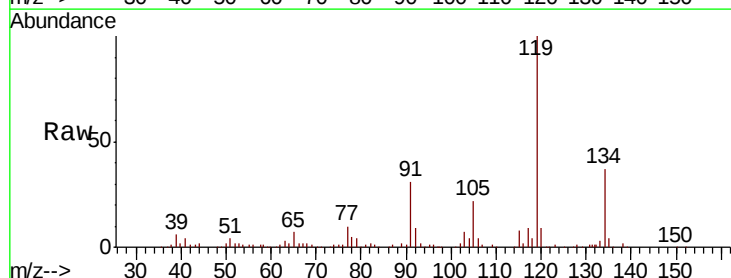
Instrument :
MSVOA_X
ClientSampled :
FL-0599DL

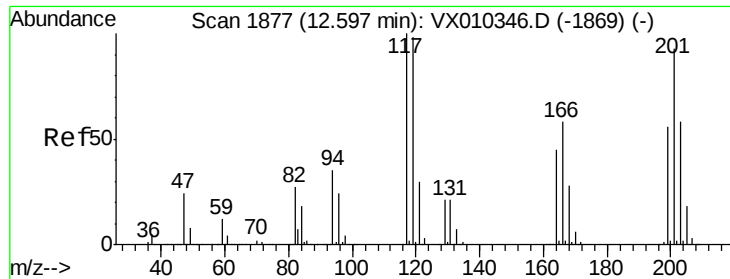
Tot Ion:119 Resp: 15429
Ion Ratio Lower Upper
119 100
134 27.7 13.7 41.1
91 27.3 11.3 33.8



#89
n-Butylbenzene
Concen: 1.981 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

Tgt Ion: 91 Resp: 15833
Ion Ratio Lower Upper
91 100
92 32.1 26.2 78.5
134 122.6 14.1 42.4#





#90

Hexachloroethane

Concen: 2.346 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

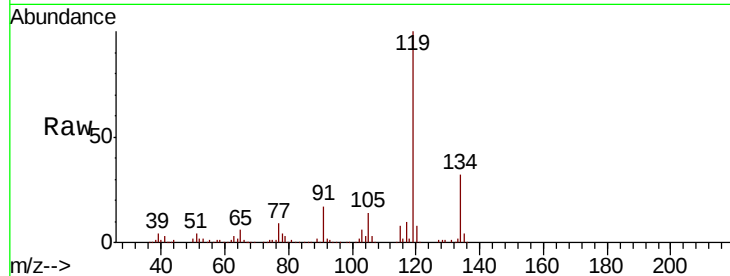
FL-0599DL

Tot Ion:117 Resp: 3815

Ion Ratio Lower Upper

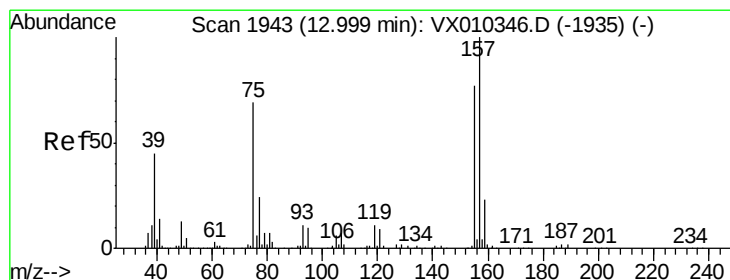
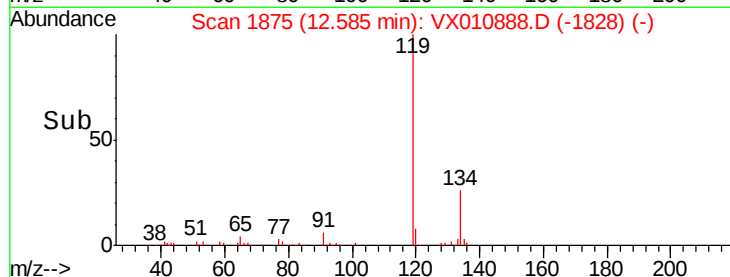
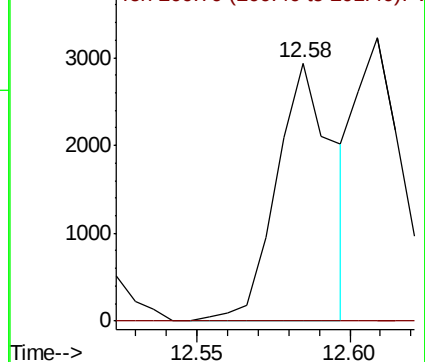
117 100

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: 0.488 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010888.D

Acq: 15 Jul 2019 16:37

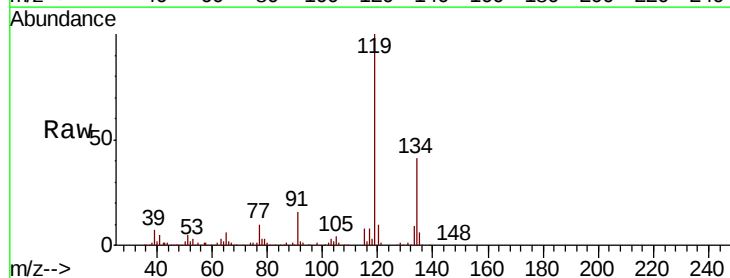
Tgt Ion: 75 Resp: 365

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

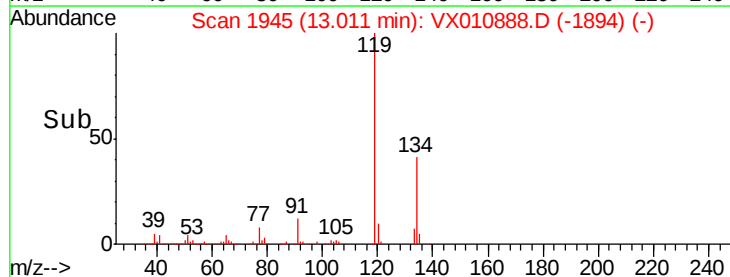
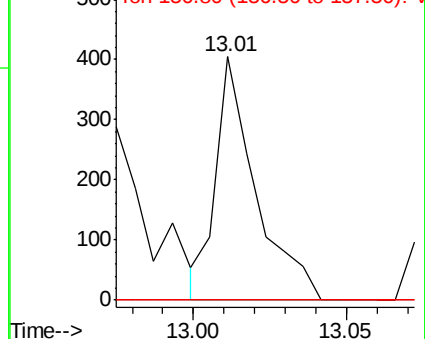
157 0.0 69.5 208.3#

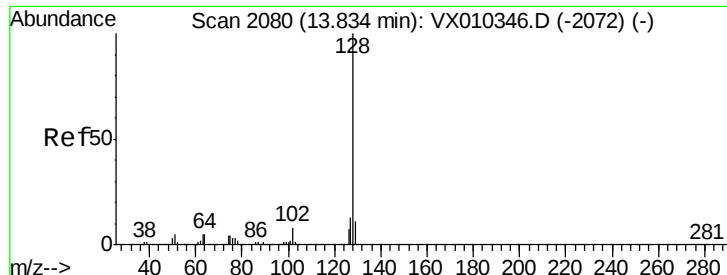


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

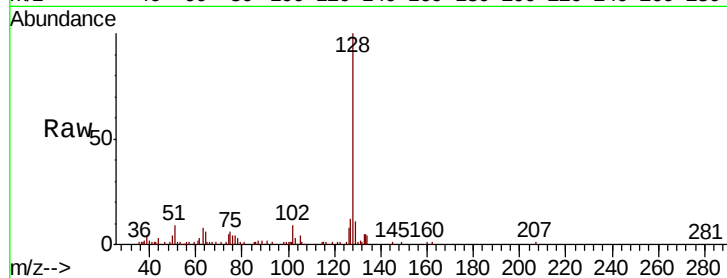




#95
Naphthalene
Concen: 1.701 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010888.D
Acq: 15 Jul 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
FL-0599DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.2	15.4
129	15.2	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

