

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010702.D
 Acq On : 08 Jul 2019 17:46
 Operator : JC/SP
 Sample : K3664-04DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0588DL

Quant Time: Jul 09 01:10:52 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	5.67	168	234826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162002	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	114673	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
35) Dibromofluoromethane	5.50	113	109862	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	429309	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.13	95	149110	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	484	0.477	ug/l #	71
6) Chloroethane	1.73	64	313	0.255	ug/l #	41
13) Acrolein	2.29	56	158	0.413	ug/l #	75
15) Acrylonitrile	3.10	53	253	0.222	ug/l #	23
16) Acetone	2.45	43	1378	1.249	ug/l #	86
18) Methyl Acetate	2.85	43	8556	3.890	ug/l #	48
25) 2-Butanone	4.70	43	831	0.513	ug/l #	85
31) Cyclohexane	5.58	56	33930	10.669	ug/l	95
36) 1,1-Dichloropropene	5.66	75	14671	5.120	ug/l #	47
38) Carbon Tetrachloride	5.66	117	21605	6.963	ug/l #	15
39) Methylcyclohexane	7.46	83	66647	17.695	ug/l	94
43) Isopropyl Acetate	6.46	43	1517	0.311	ug/l #	59
48) Methyl methacrylate	7.73	41	4147	1.829	ug/l #	60
49) 1,4-Dioxane	7.77	88	46	0.704	ug/l #	68
51) 4-Methyl-2-Pentanone	8.66	43	838	0.269	ug/l #	34
52) Toluene	8.78	92	1365	0.232	ug/l	90
55) 1,1,2-Trichloroethane	9.16	97	4646	1.916	ug/l #	21
56) Ethyl methacrylate	9.16	69	957	0.261	ug/l #	1
59) 2-Hexanone	9.68	43	626	0.255	ug/l	77
67) Ethyl Benzene	10.25	91	345681	30.545	ug/l	100
68) m/p-Xylenes	10.35	106	303662	69.248	ug/l	99
69) o-Xylene	10.69	106	39456	9.149	ug/l	100
70) Styrene	10.70	104	2141	0.296	ug/l #	1
73) Isopropylbenzene	11.02	105	42323	3.854	ug/l	98
76) 1,2,3-Trichloropropane	11.43	75	2349	0.796	ug/l #	1
78) n-propylbenzene	11.36	91	79158	6.559	ug/l	100
79) 2-Chlorotoluene	11.43	91	26975	3.753	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	86681	9.575	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	72595	57.368	ug/l #	16
82) 4-Chlorotoluene	11.51	91	9114	1.114	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.80	105	335124	36.845	ug/l	98
85) sec-Butylbenzene	11.94	105	23340	2.188	ug/l	84
86) p-Isopropyltoluene	12.06	119	20999	2.128	ug/l	96
89) n-Butylbenzene	12.38	91	23906	2.851	ug/l #	32

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Response via : Initial Calibration

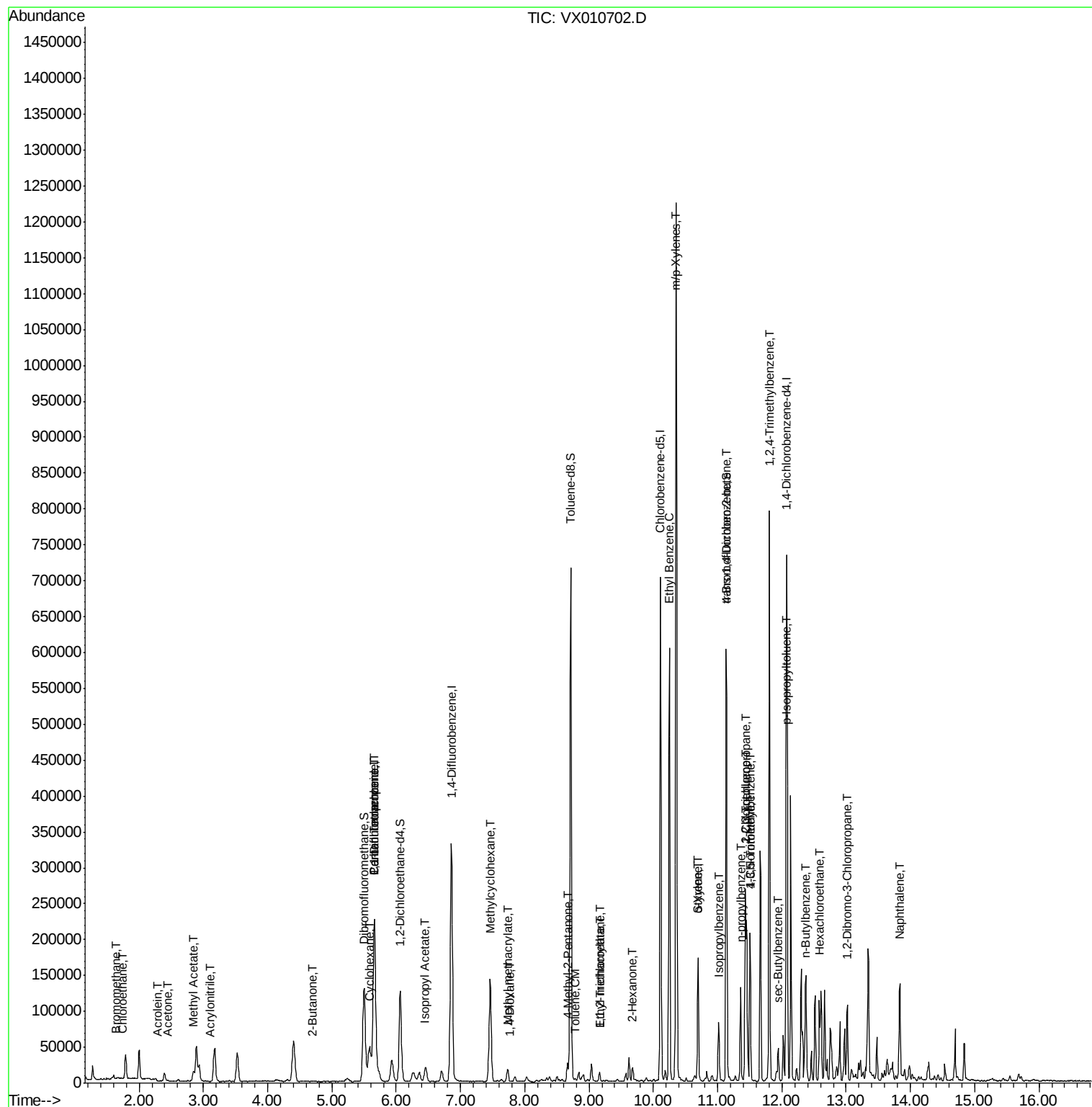
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	4981	2.919	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	418	0.533	ug/l #	1
95) Naphthalene	13.83	128	84940	7.492	ug/l	99

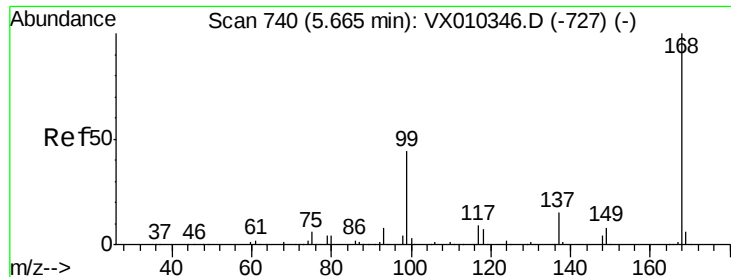
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleID :

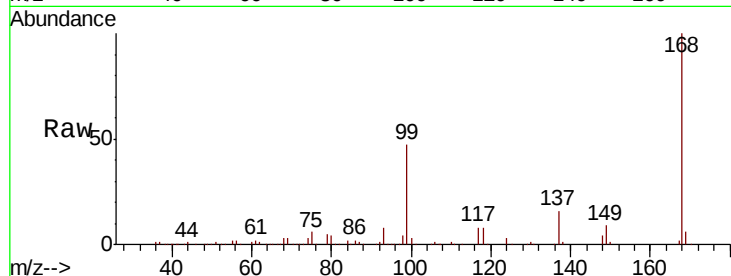
FL-0588DL

Tot Ion:168 Resp: 234826

Ion Ratio Lower Upper

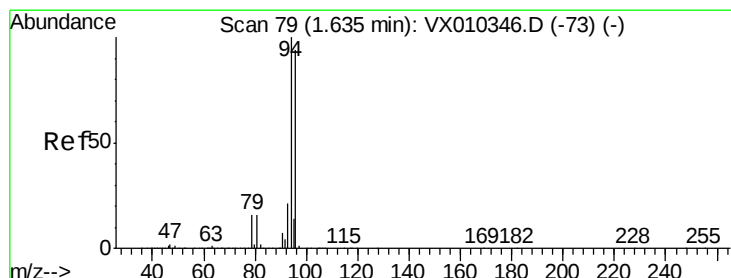
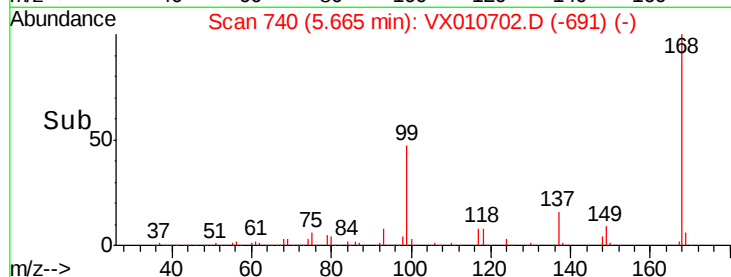
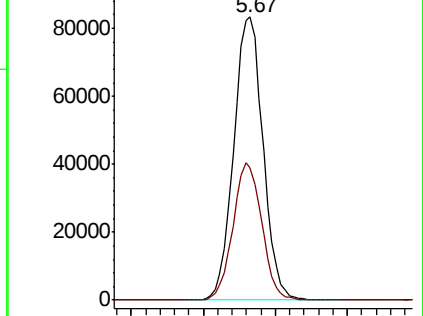
168 100

99 46.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.477 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010702.D

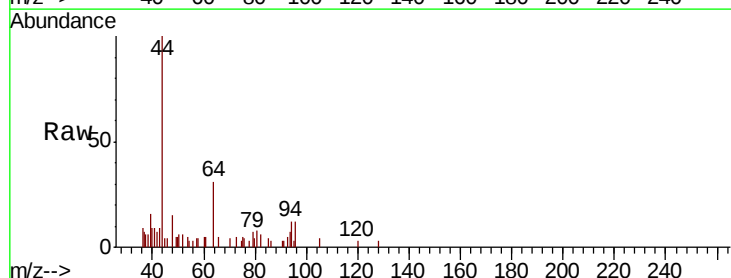
Acq: 08 Jul 2019 17:46

Tgt Ion: 94 Resp: 484

Ion Ratio Lower Upper

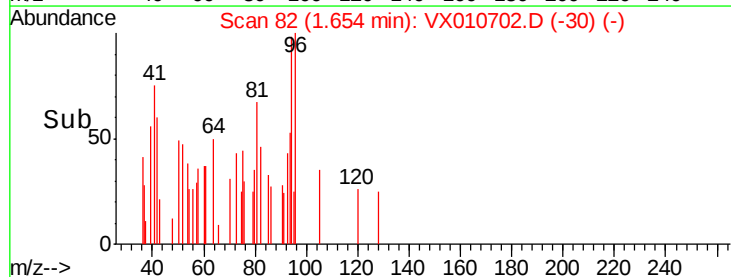
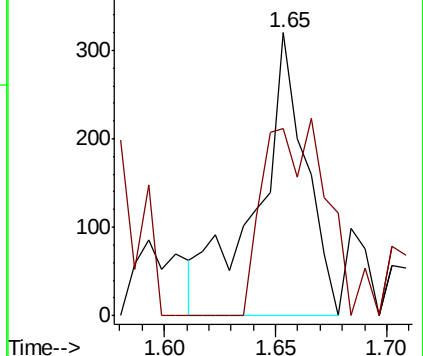
94 100

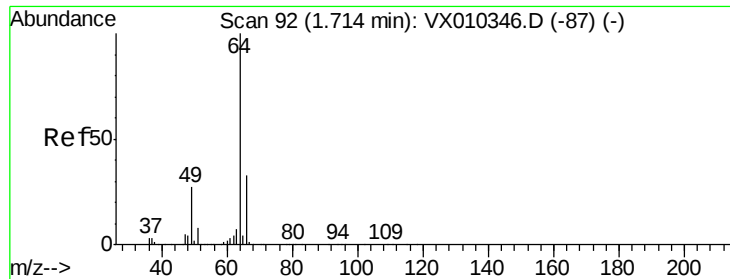
96 66.3 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.255 ug/l

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

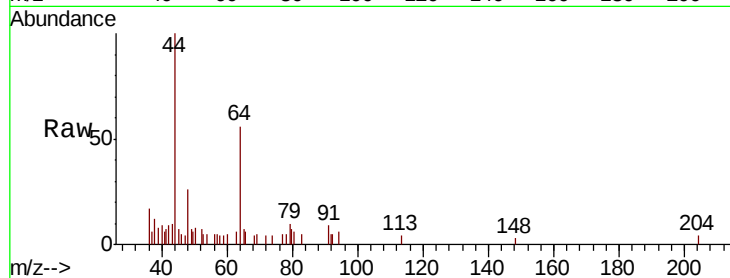
FL-0588DL

Tot Ion: 64 Resp: 313

Ion Ratio Lower Upper

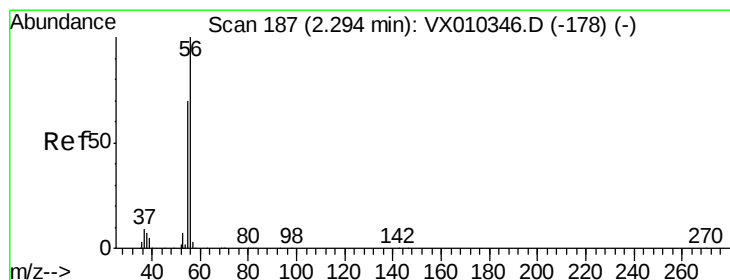
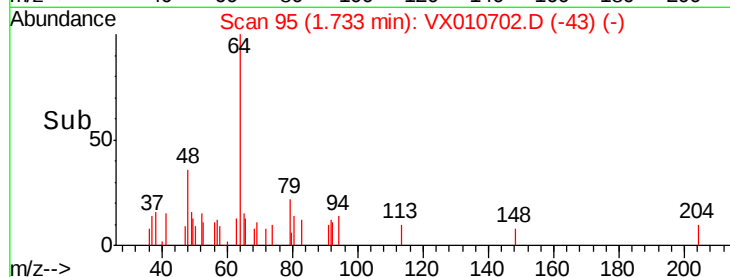
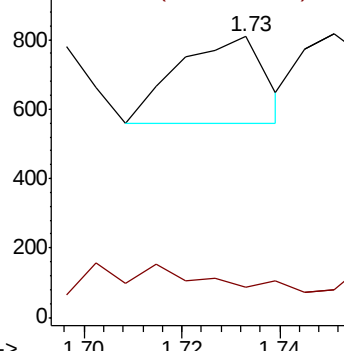
64 100

66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#13

Acrolein

Concen: 0.413 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010702.D

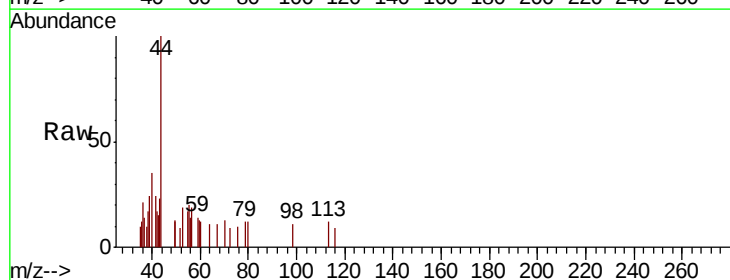
Acq: 08 Jul 2019 17:46

Tgt Ion: 56 Resp: 158

Ion Ratio Lower Upper

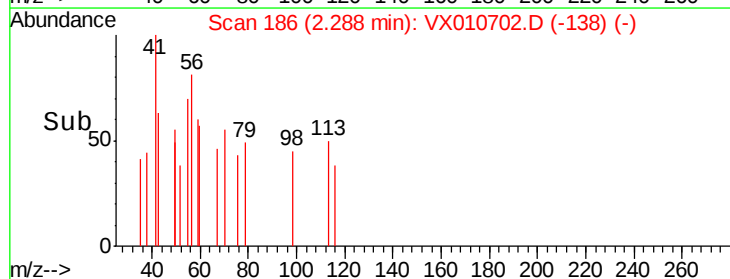
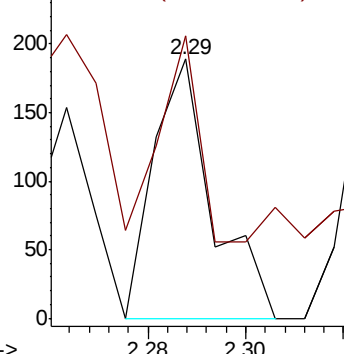
56 100

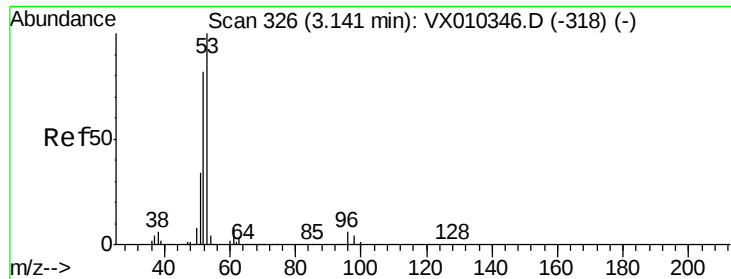
55 50.6 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.222 ug/l

RT: 3.10 min Scan# 320

Delta R.T. -0.04 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Instrument :

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ClientSampled :

FL-0588DL

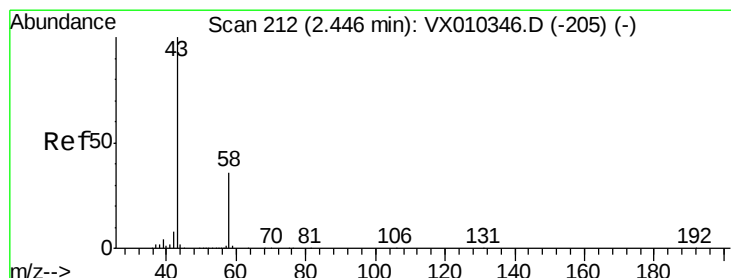
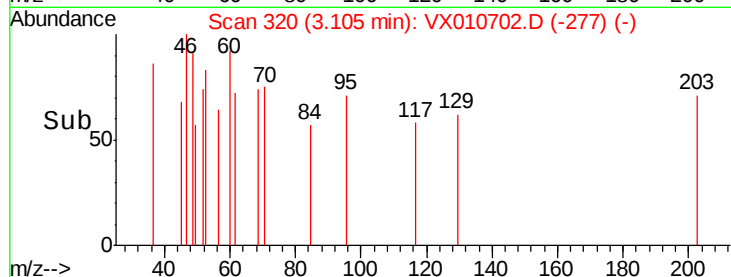
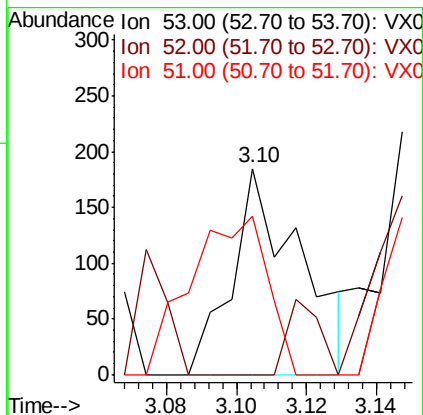
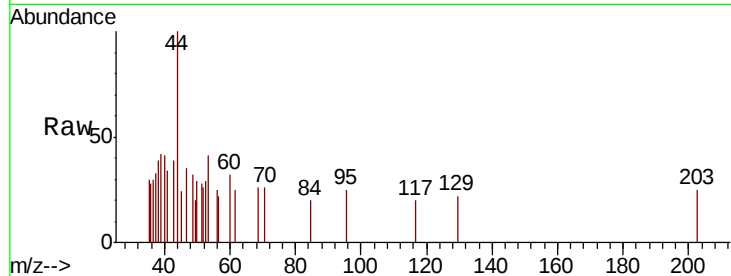
Tot Ion: 53 Resp: 253

Ion Ratio Lower Upper

53 100

52 17.4 65.5 98.3#

51 86.6 28.2 42.4#



#16

Acetone

Concen: 1.249 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010702.D

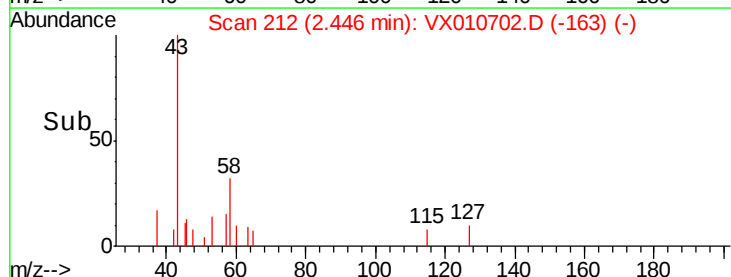
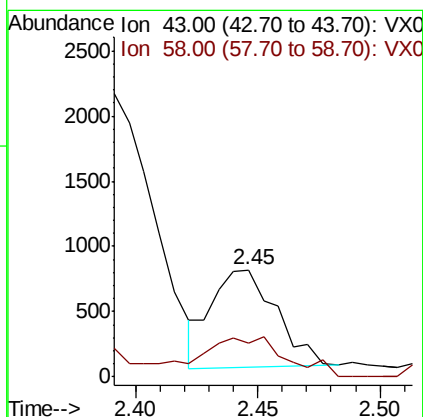
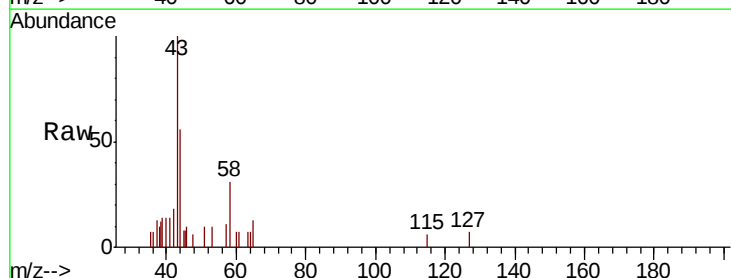
Acq: 08 Jul 2019 17:46

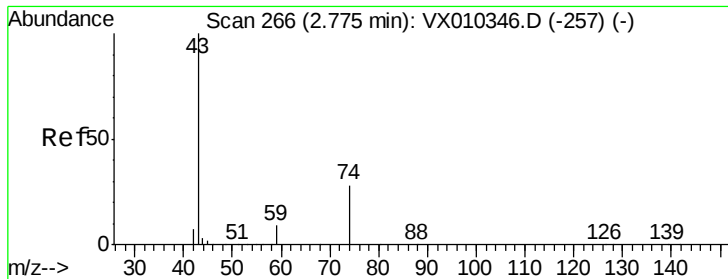
Tgt Ion: 43 Resp: 1378

Ion Ratio Lower Upper

43 100

58 27.8 28.9 43.3#

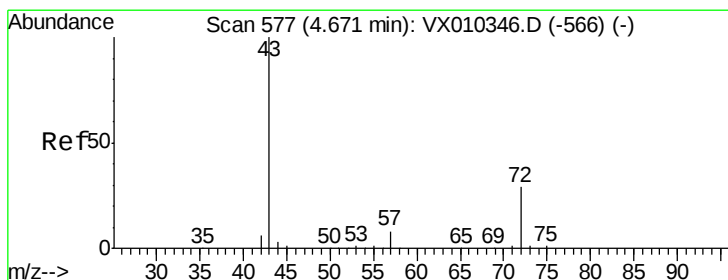
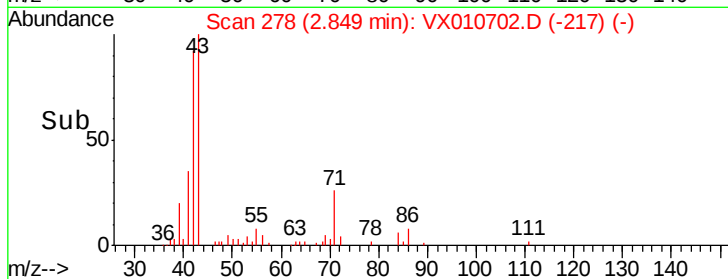
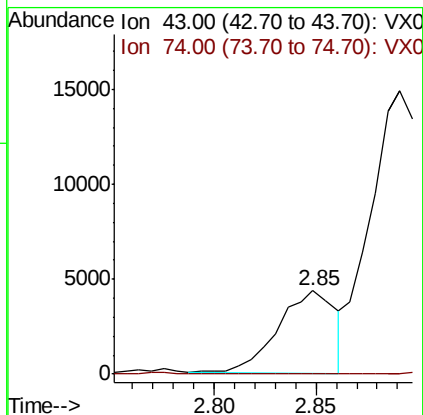
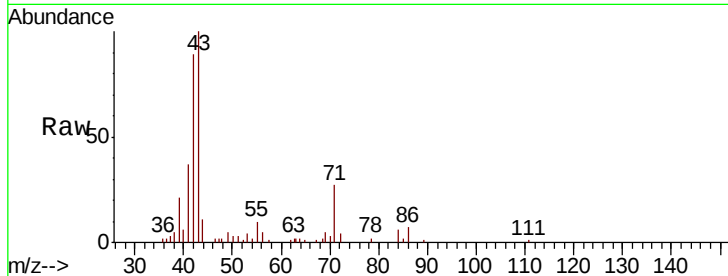




#18
Methvl Acetate
Concen: 3.890 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

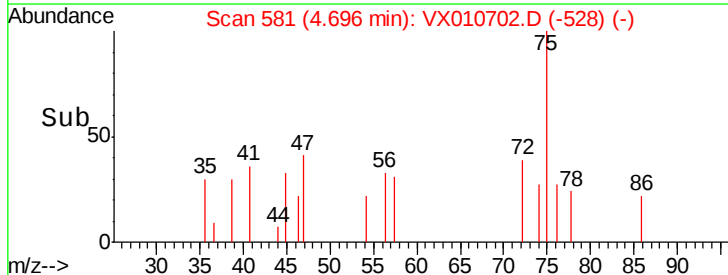
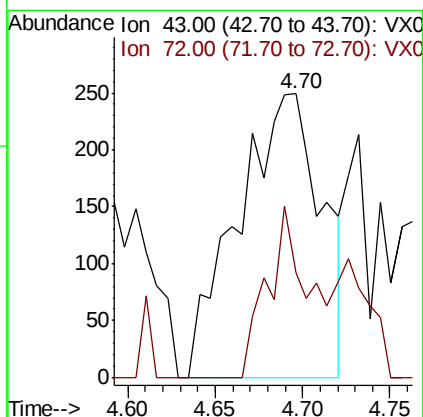
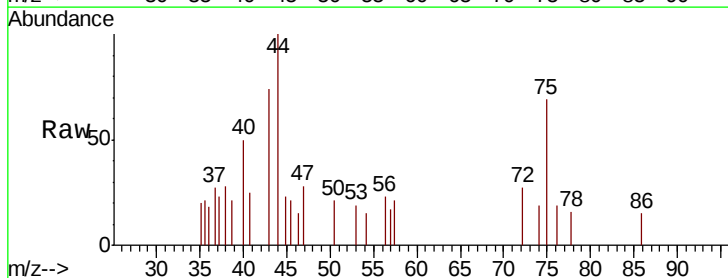
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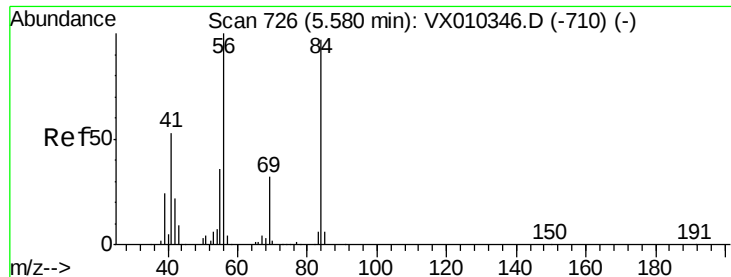
Tot Ion: 43 Resp: 8556
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



#25
2-Butanone
Concen: 0.513 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
72 36.9 23.3 34.9#

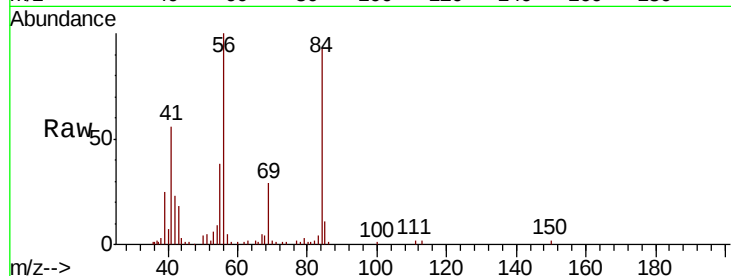




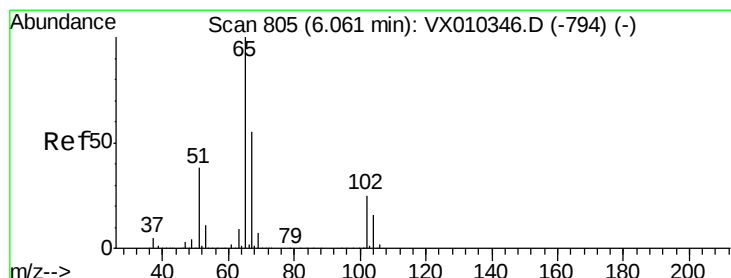
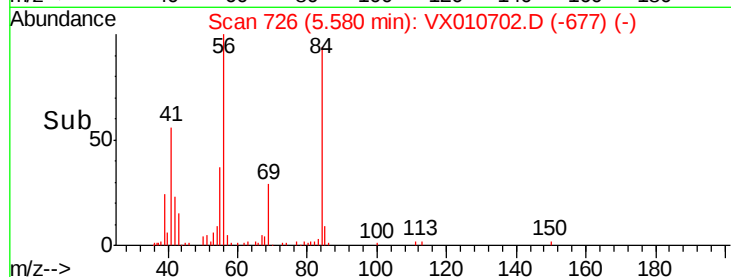
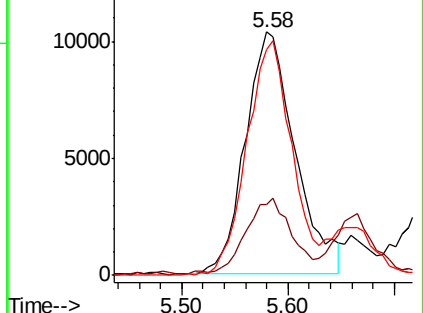
#31
Cyclohexane
Concen: 10.669 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampled :
FL-0588DL

Tot Ion: 56 Resp: 33930
Ion Ratio Lower Upper
56 100
69 28.7 25.9 38.9
84 92.5 78.0 117.0

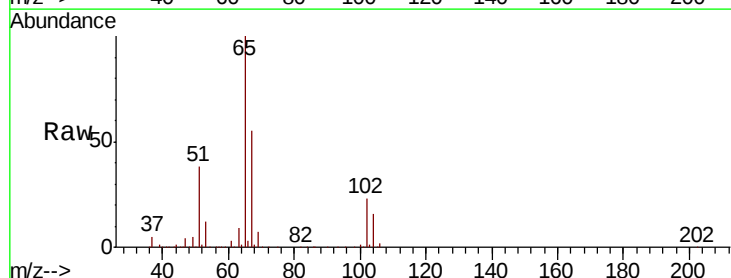


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

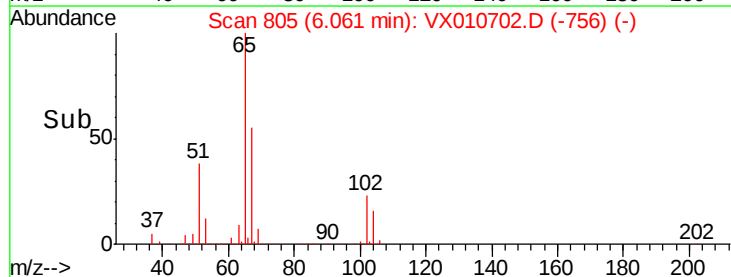
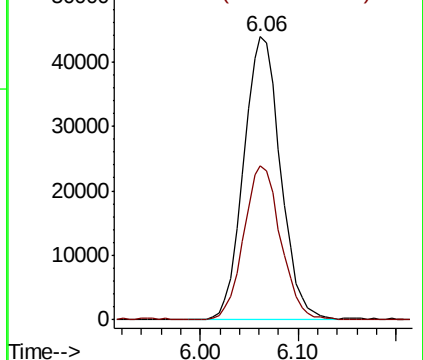


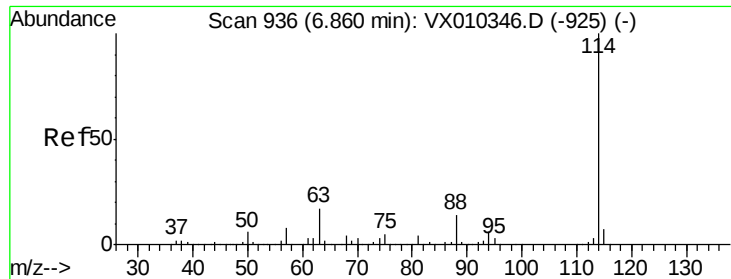
#33
1,2-Dichloroethane-d4
Concen: 52.083 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 65 Resp: 114673
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

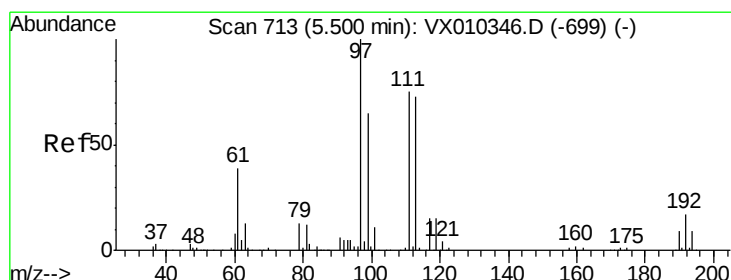
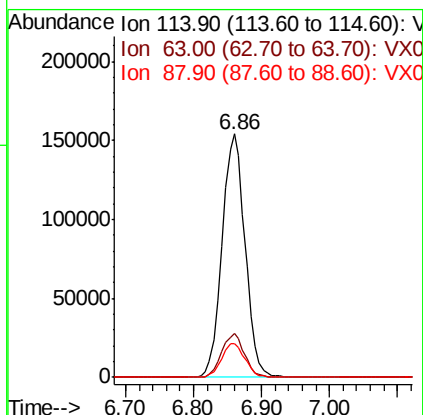
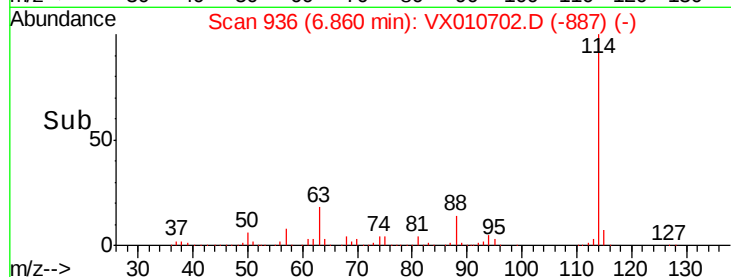
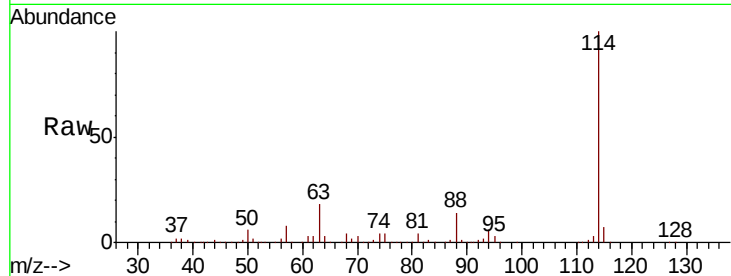




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010702.D
 Acq: 08 Jul 2019 17:46

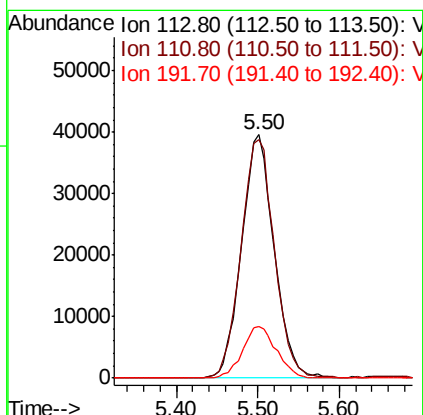
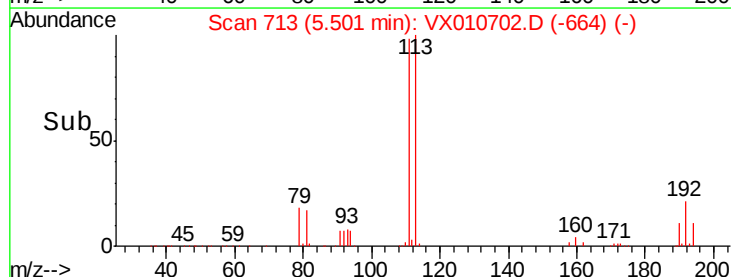
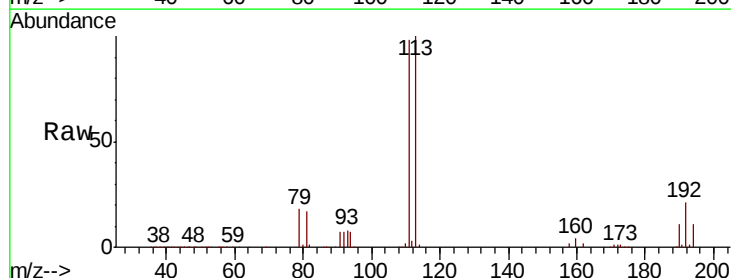
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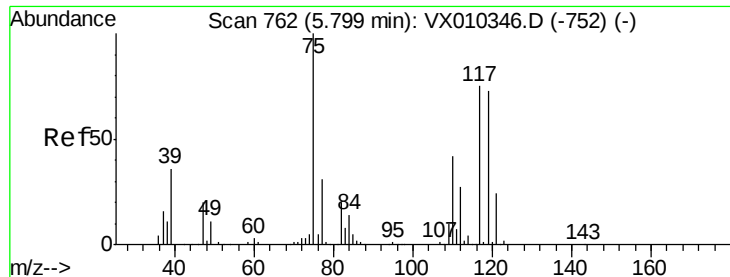
Tot Ion:114 Resp: 360573
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 33.8
 88 13.6 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 49.799 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010702.D
 Acq: 08 Jul 2019 17:46

Tgt Ion:113 Resp: 109862
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.2 121.8
 192 22.0 18.6 27.8

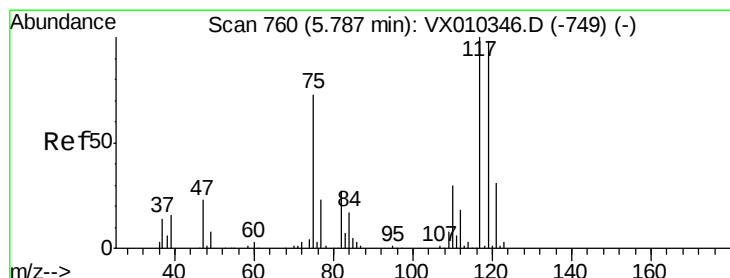
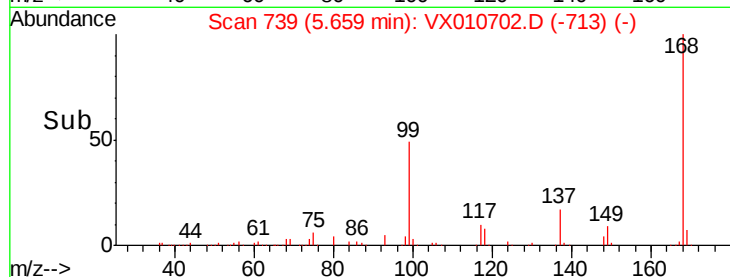
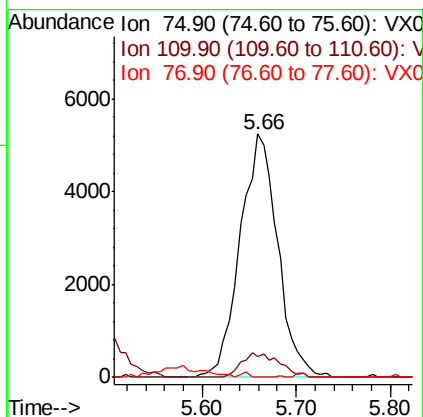
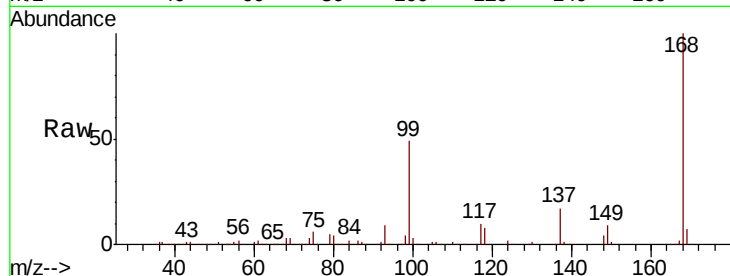




#36
 1,1-Dichloropropene
 Concen: 5.120 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010702.D
 Acq: 08 Jul 2019 17:46

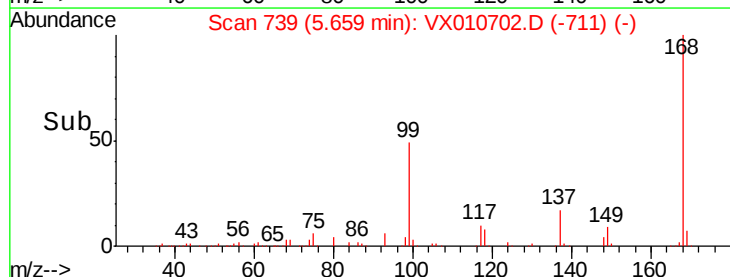
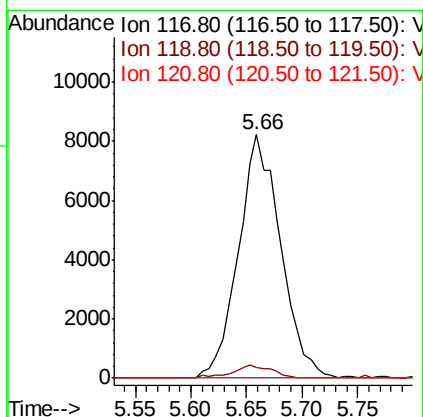
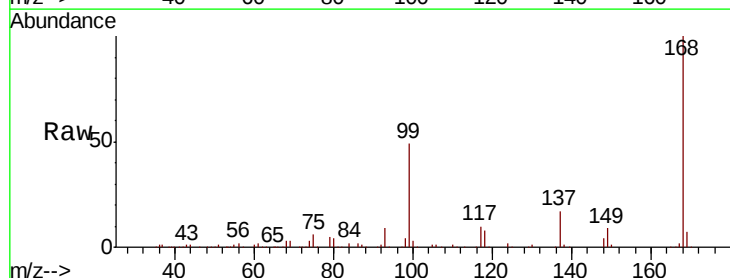
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0588DL

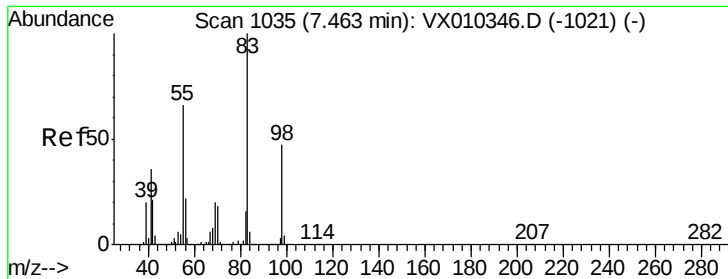
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	20.8	62.2#
77	0.4	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.963 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010702.D
 Acq: 08 Jul 2019 17:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.2	117.4#
121	0.0	24.7	37.1#





#39

Methylcyclohexane

Concen: 17.695 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0588DL

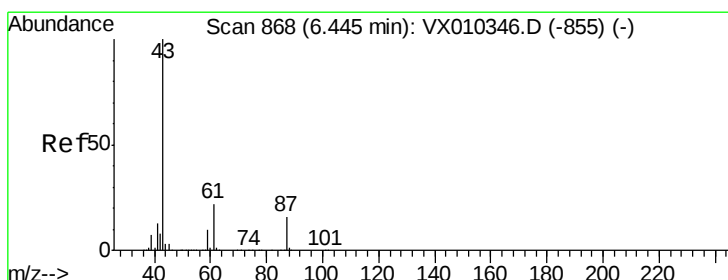
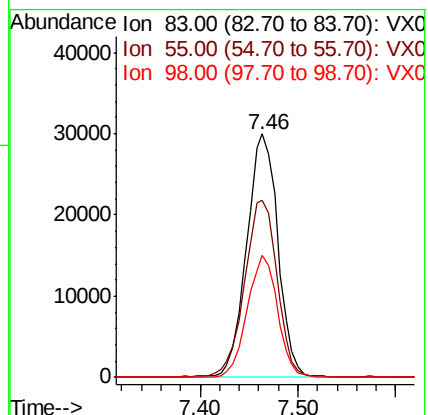
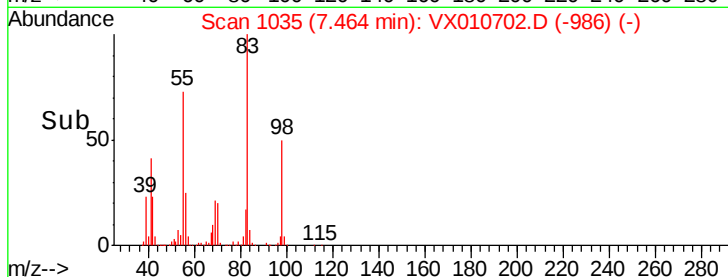
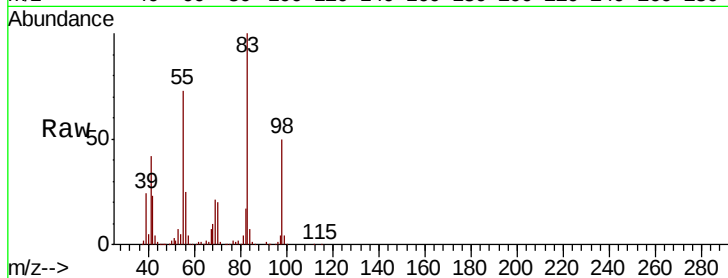
Tot Ion: 83 Resp: 66647

Ion Ratio Lower Upper

83 100

55 72.7 53.0 79.6

98 50.0 37.8 56.8



#43

Isopropyl Acetate

Concen: 0.311 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

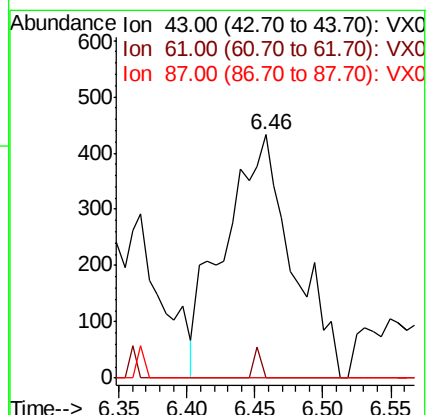
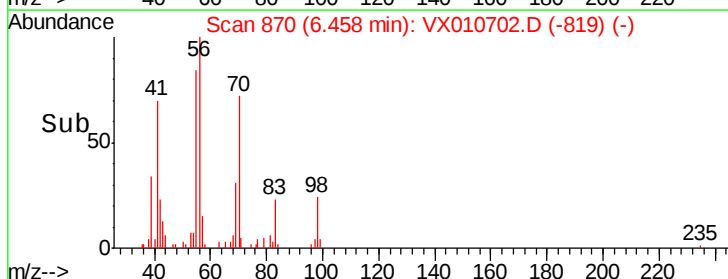
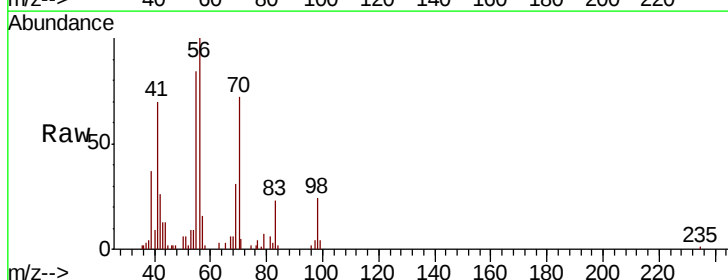
Tgt Ion: 43 Resp: 1517

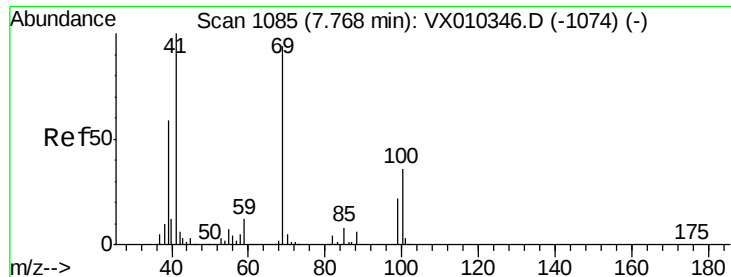
Ion Ratio Lower Upper

43 100

61 1.3 17.8 26.6#

87 0.0 13.0 19.4#

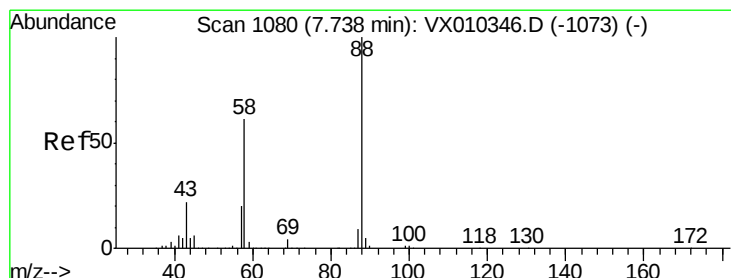
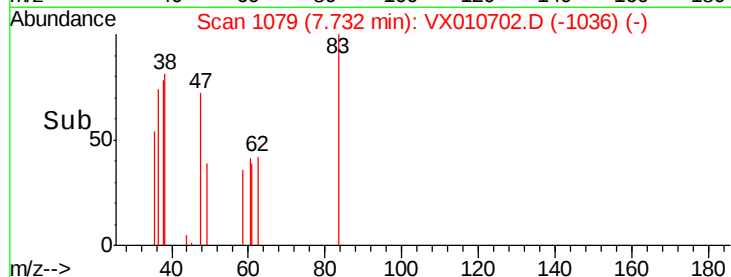
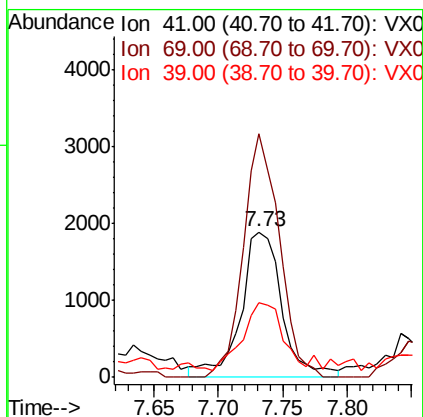
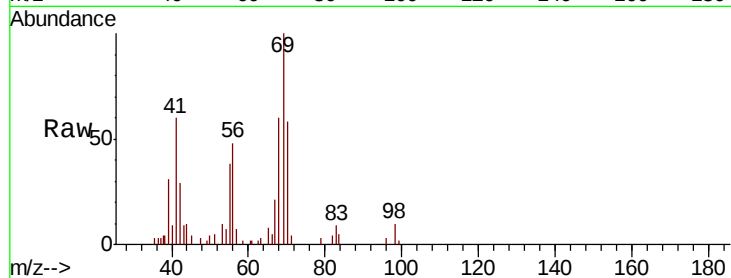




#48
Methvl methacrylate
Concen: 1.829 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

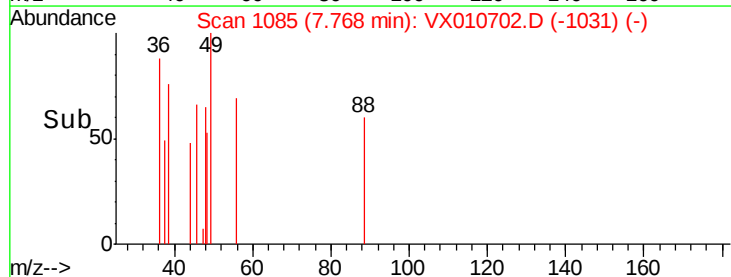
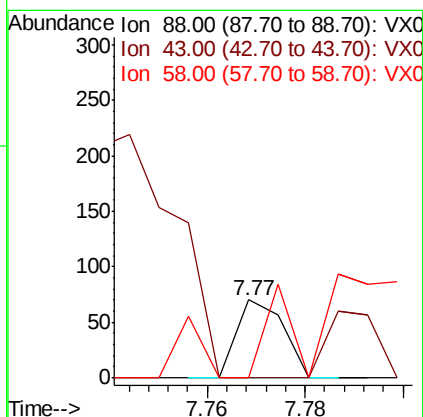
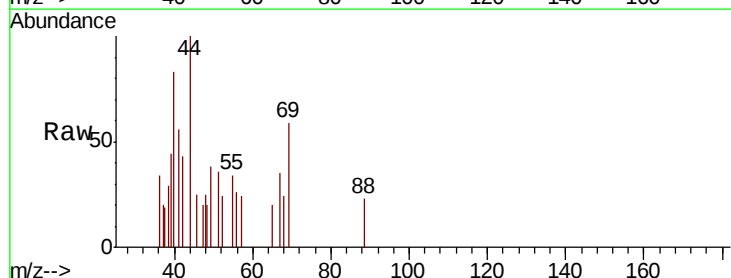
Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

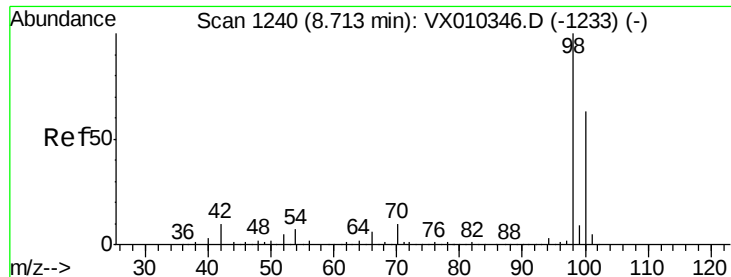
Tot Ion: 41 Resp: 4147
Ion Ratio Lower Upper
41 100
69 147.5 76.1 114.1#
39 45.4 47.6 71.4#



#49
1,4-Dioxane
Concen: 0.704 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.03 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 43.5 49.5 74.3#





#50

Toluene-d8

Concen: 50.865 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

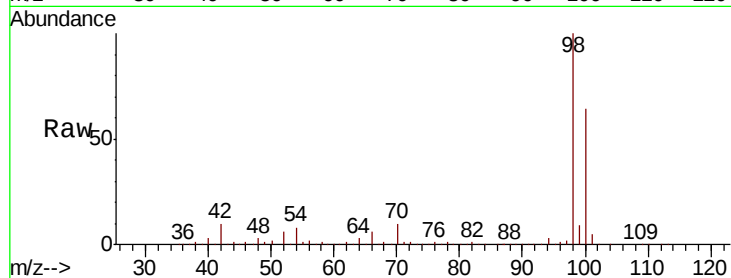
FL-0588DL

Tot Ion: 98 Resp: 429309

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

300000

250000

200000

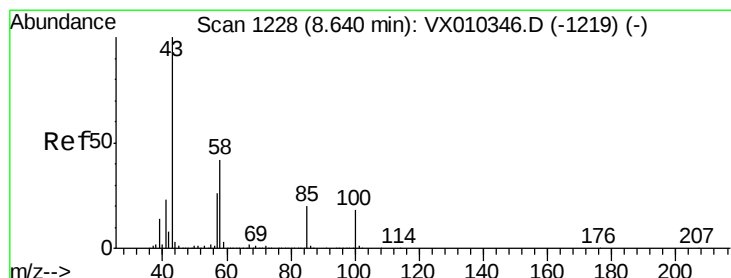
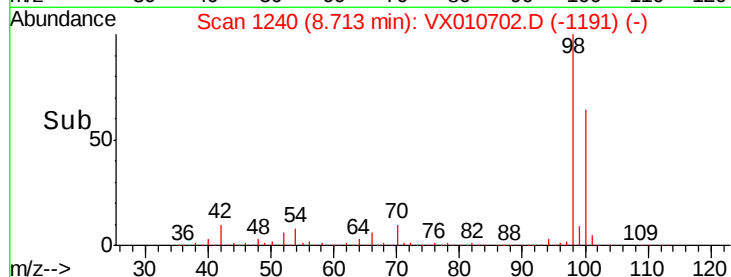
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.269 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX010702.D

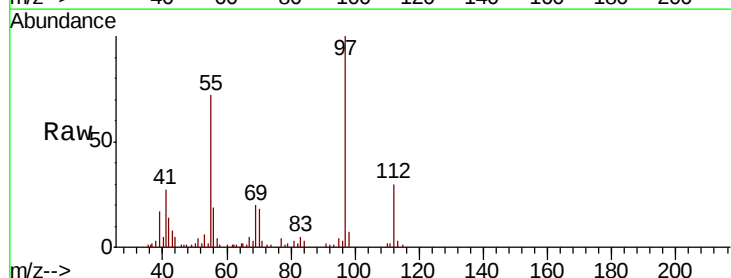
Acq: 08 Jul 2019 17:46

Tgt Ion: 43 Resp: 838

Ion Ratio Lower Upper

43 100

58 0.0 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

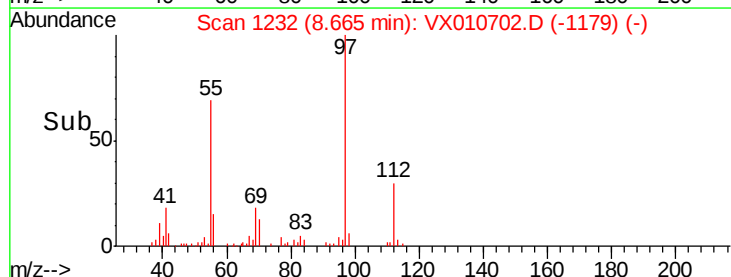
1500

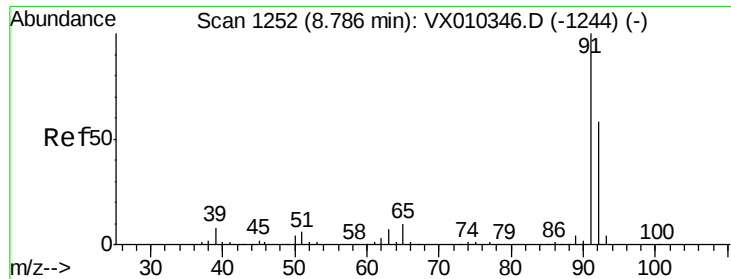
1000

500

0

Time-->





#52

Toluene

Concen: 0.232 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

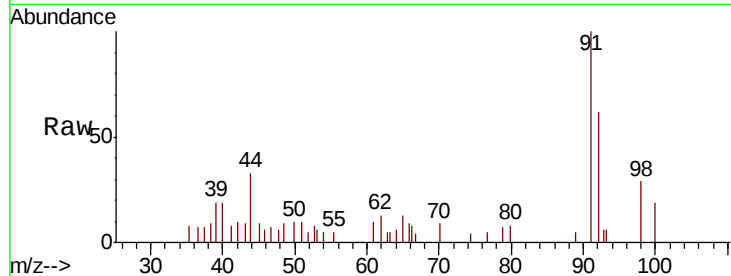
FL-0588DL

Tot Ion: 92 Resp: 1365

Ion Ratio Lower Upper

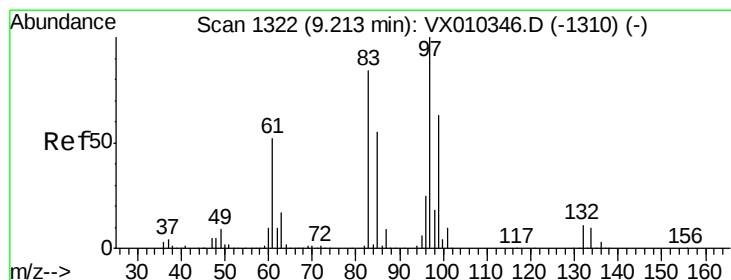
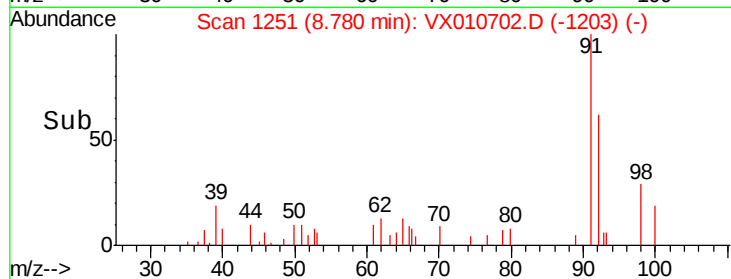
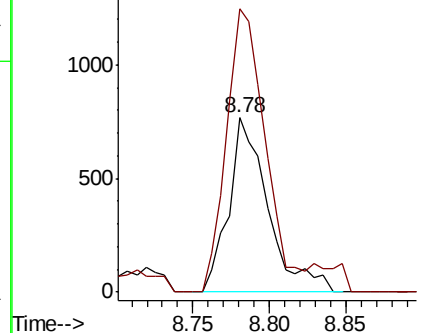
92 100

91 161.2 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.916 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Tgt Ion: 97 Resp: 4646

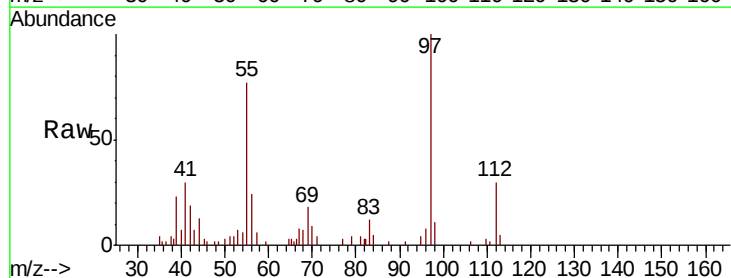
Ion Ratio Lower Upper

97 100

83 11.6 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

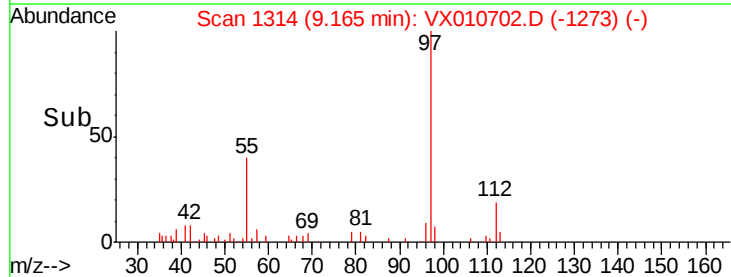
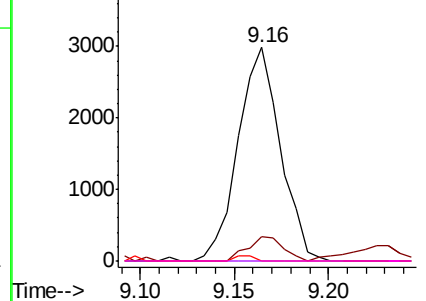


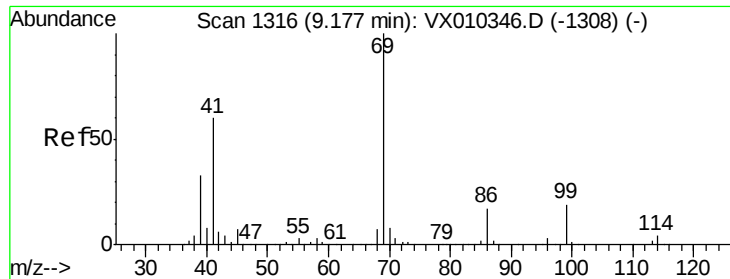
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

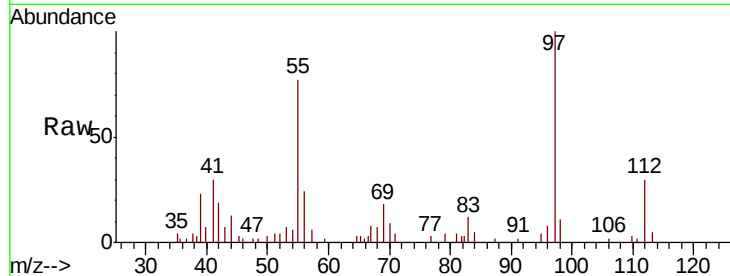




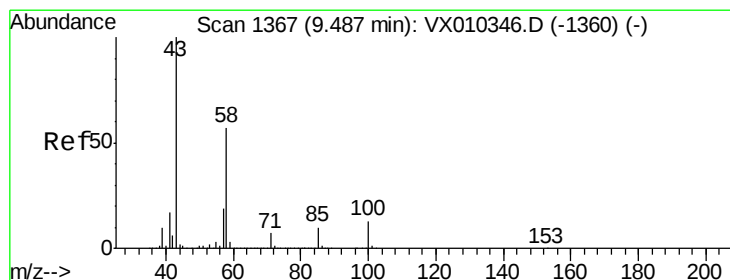
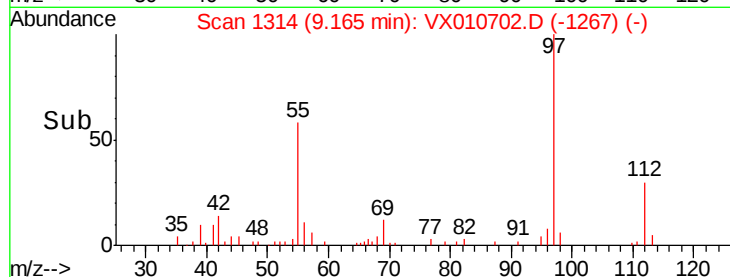
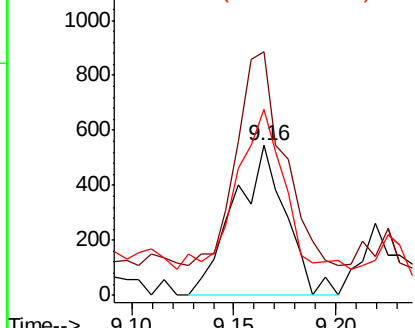
#56
Ethyl methacrylate
Concen: 0.261 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tot Ion: 69 Resp: 957
Ion Ratio Lower Upper
69 100
41 129.3 47.1 70.7#
39 98.7 26.6 40.0#

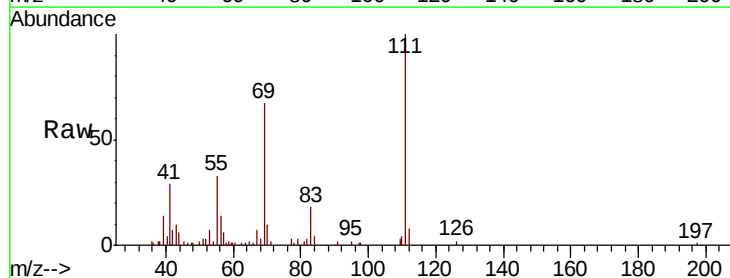


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

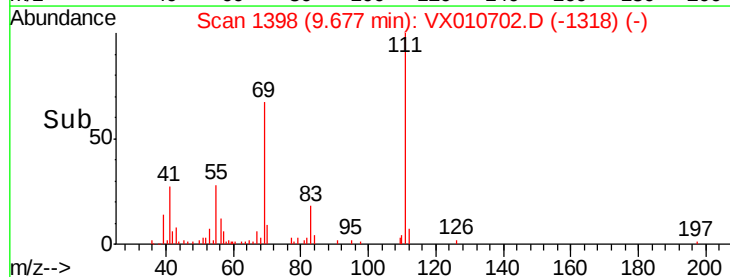
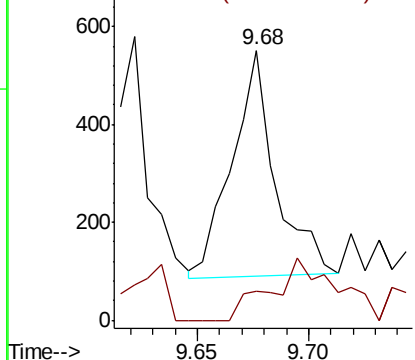


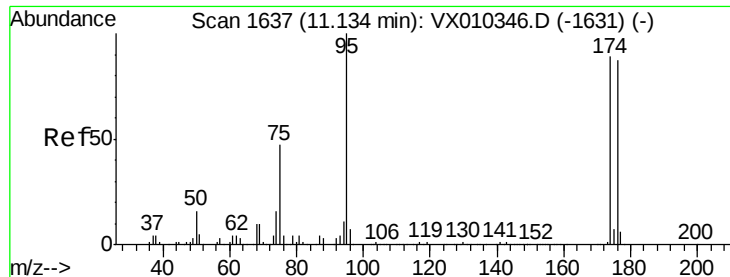
#59
2-Hexanone
Concen: 0.255 ug/l
RT: 9.68 min Scan# 1398
Delta R.T. 0.19 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 41.1 29.0 87.1



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

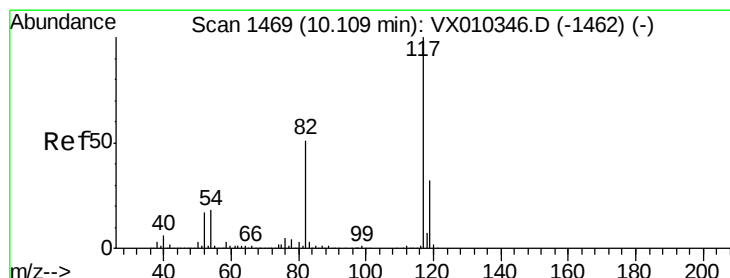
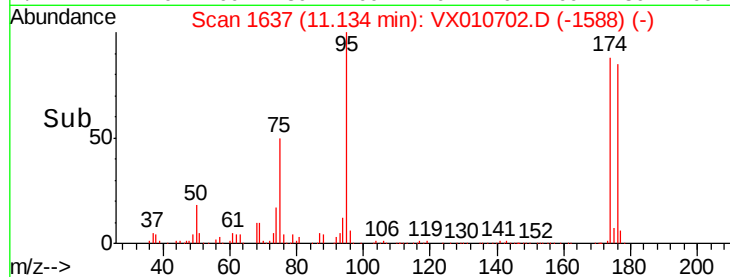
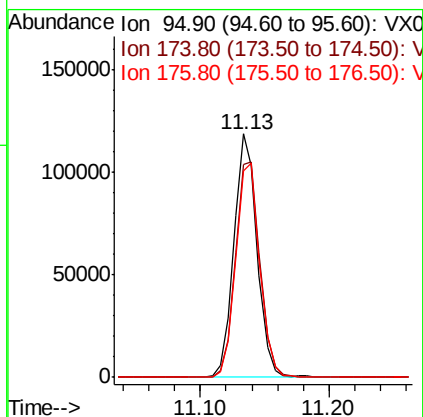
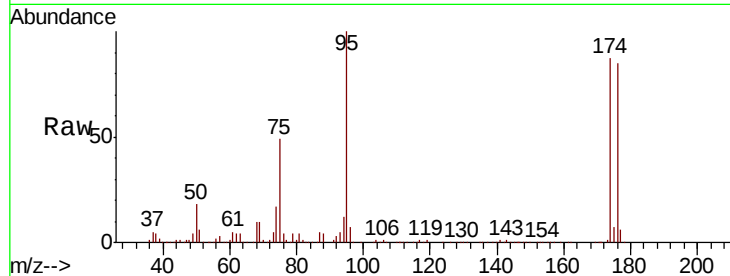




#62
4-Bromofluorobenzene
Concen: 48.934 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

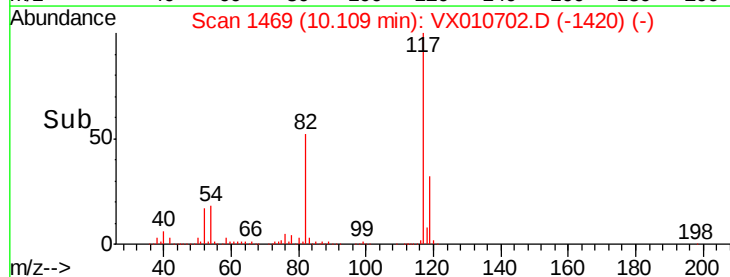
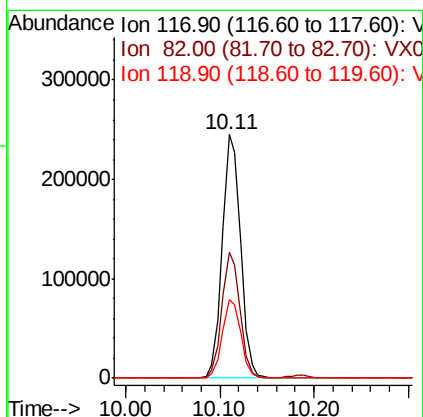
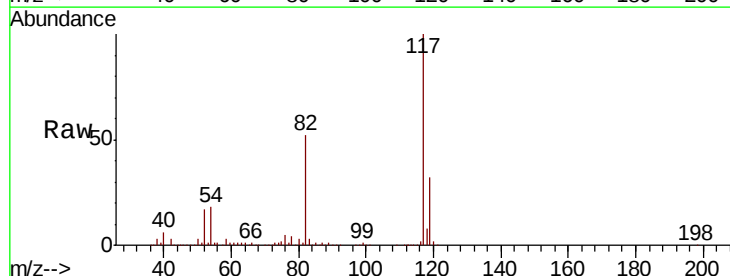
Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

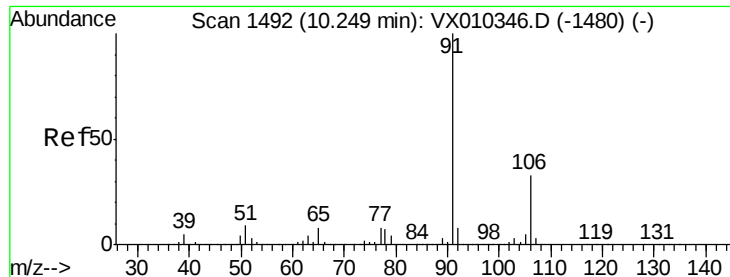
Tot Ion: 95 Resp: 149110
Ion Ratio Lower Upper
95 100
174 93.4 0.0 187.6
176 90.7 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 117 Resp: 330199
Ion Ratio Lower Upper
117 100
82 51.7 41.2 61.8
119 32.2 25.5 38.3

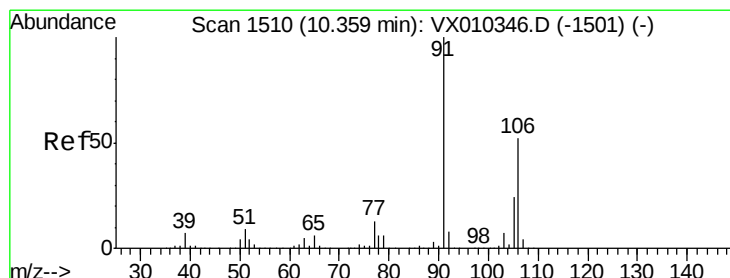
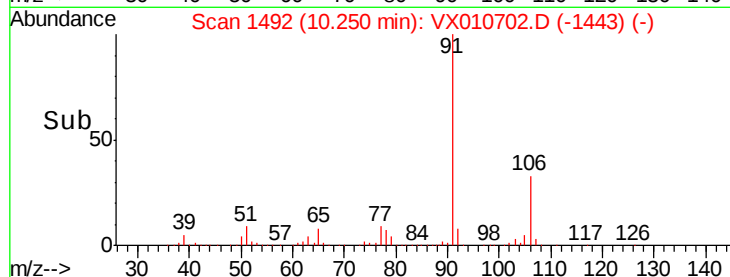
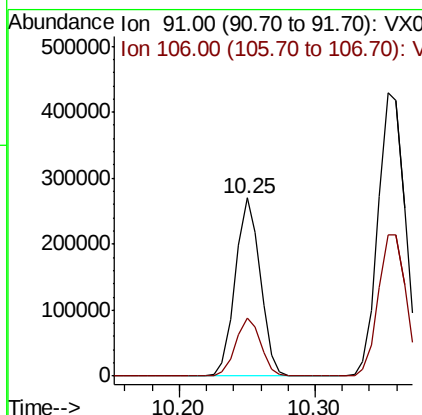
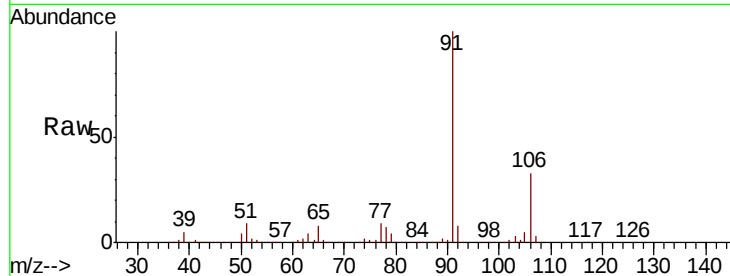




#67
Ethyl Benzene
Concen: 30.545 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

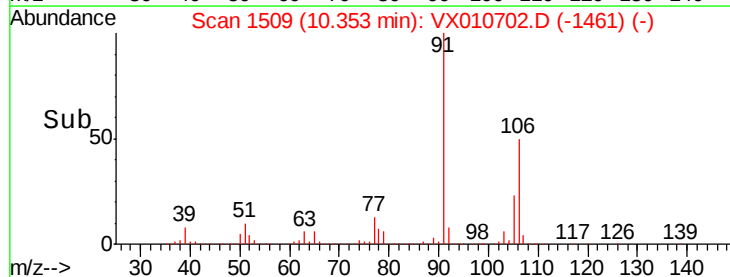
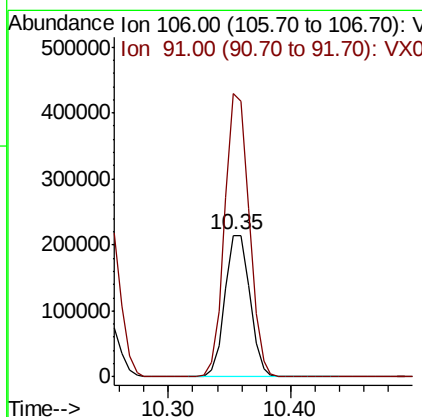
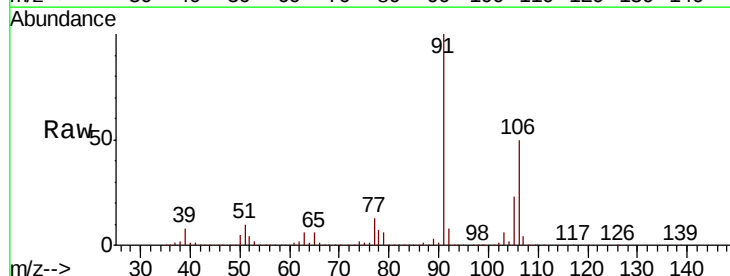
Instrument :
MSVOA_X
ClientSampleID :
FL-0588DL

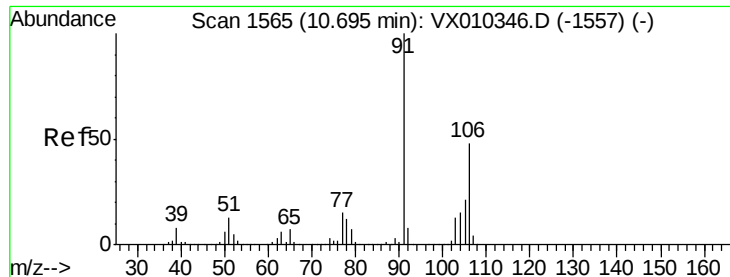
Tot Ion: 91 Resp: 345681
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2



#68
m/p-Xylenes
Concen: 69.248 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 106 Resp: 303662
Ion Ratio Lower Upper
106 100
91 195.7 155.3 232.9

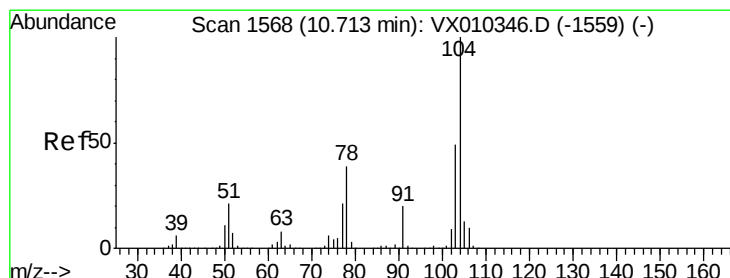
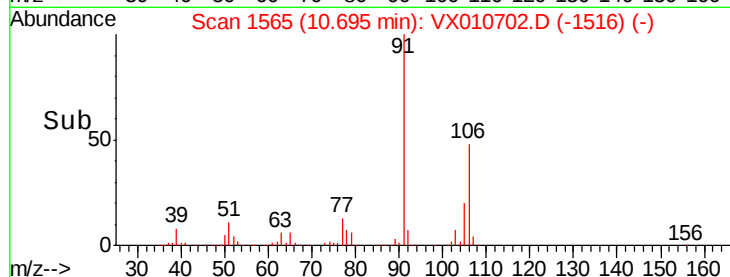
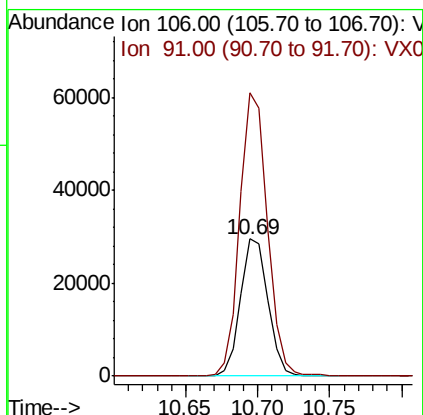
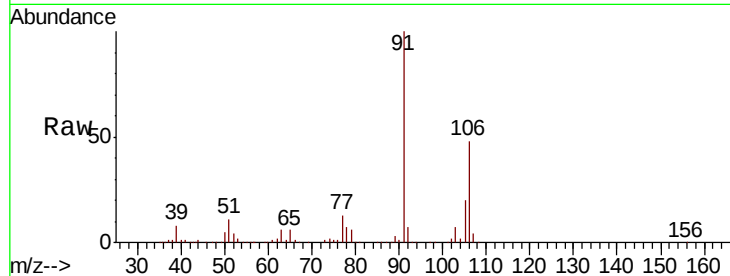




#69
o-Xylene
Concen: 9.149 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

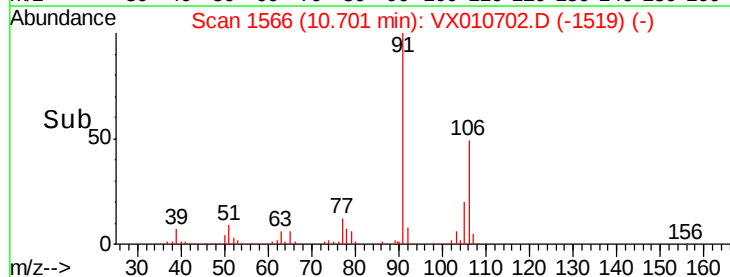
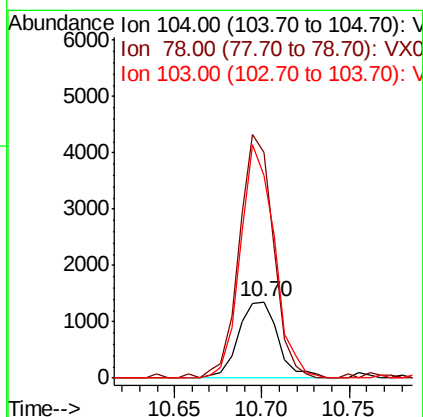
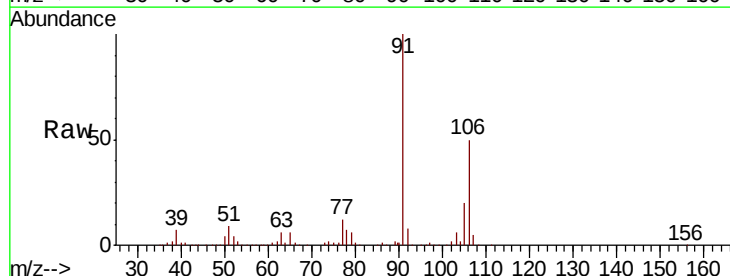
Instrument :
MSVOA_X
ClientSampleID :
FL-0588DL

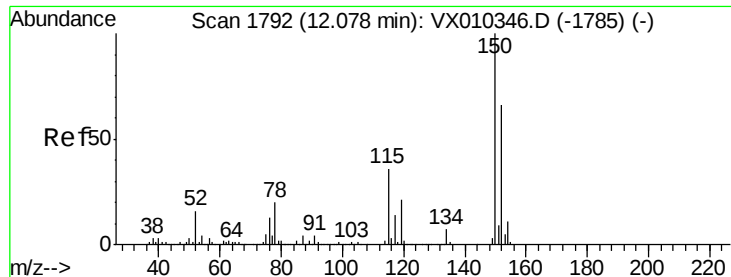
Tot Ion:106 Resp: 39456
Ion Ratio Lower Upper
106 100
91 205.4 102.7 308.1



#70
Styrene
Concen: 0.296 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion:104 Resp: 2141
Ion Ratio Lower Upper
104 100
78 275.6 36.2 54.2#
103 262.4 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

FL-0588DL

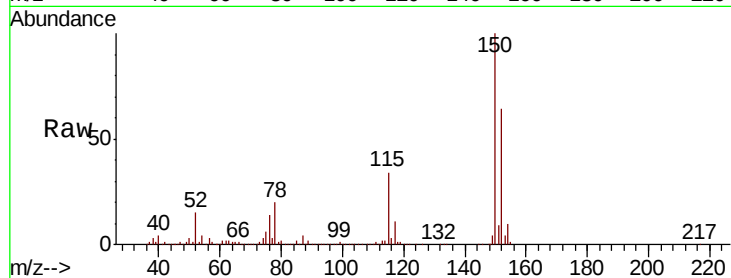
Tot Ion:152 Resp: 162002

Ion Ratio Lower Upper

152 100

115 55.8 38.6 115.7

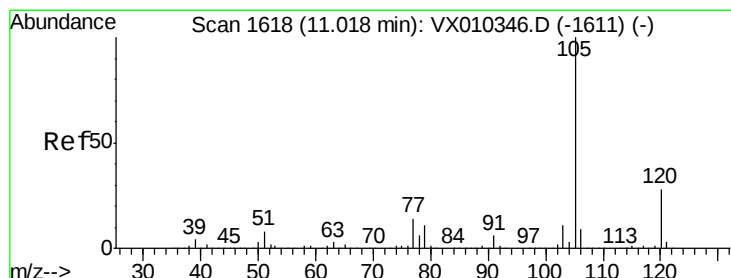
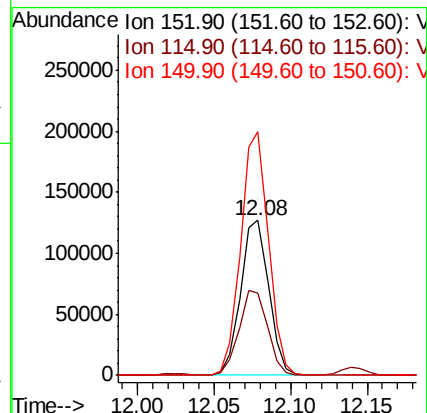
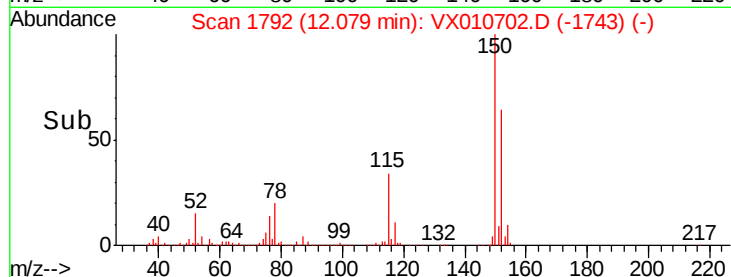
150 154.6 0.0 347.4



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: 3.854 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010702.D

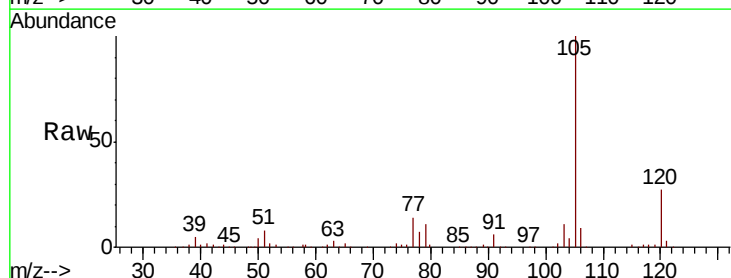
Acq: 08 Jul 2019 17:46

Tgt Ion:105 Resp: 42323

Ion Ratio Lower Upper

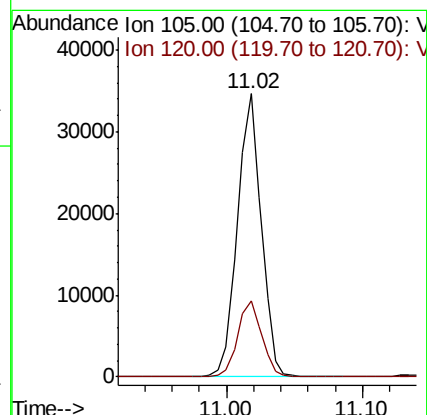
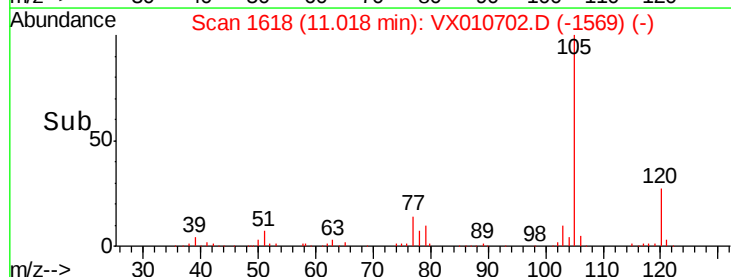
105 100

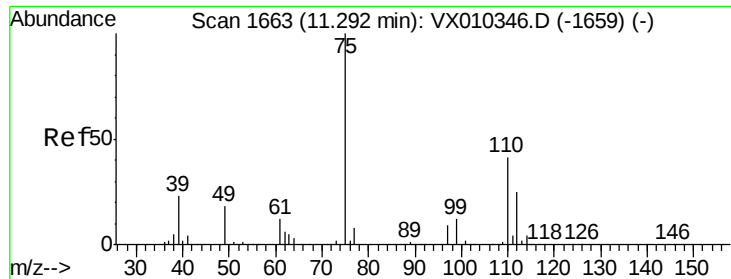
120 27.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

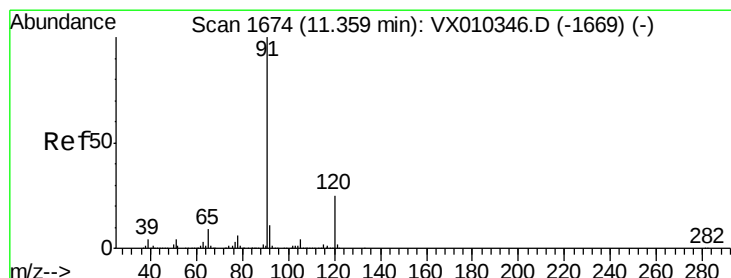
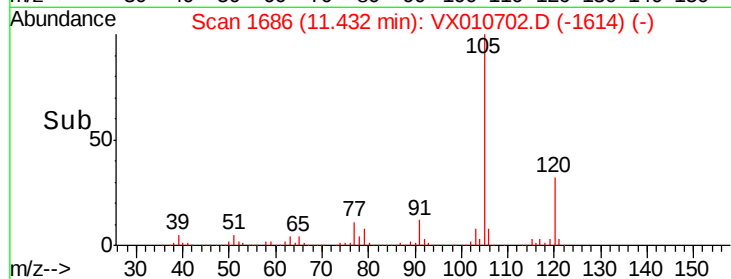
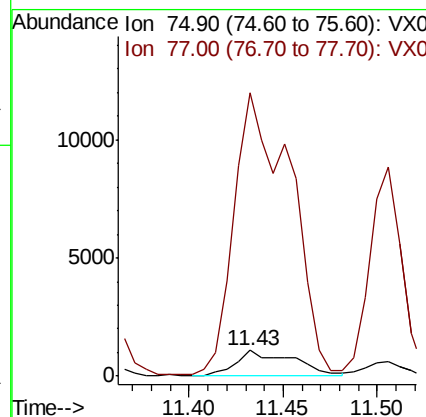
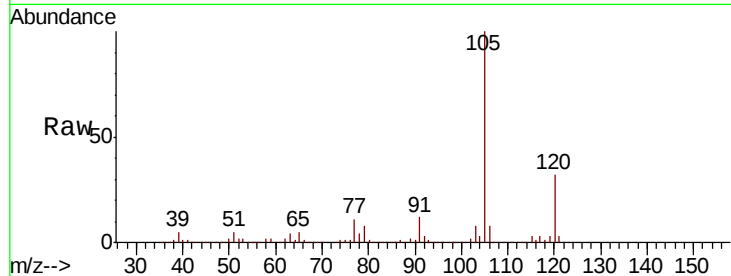




#76
 1,2,3-Trichloropropane
 Concen: 0.796 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.14 min
 Lab File: VX010702.D
 Acq: 08 Jul 2019 17:46

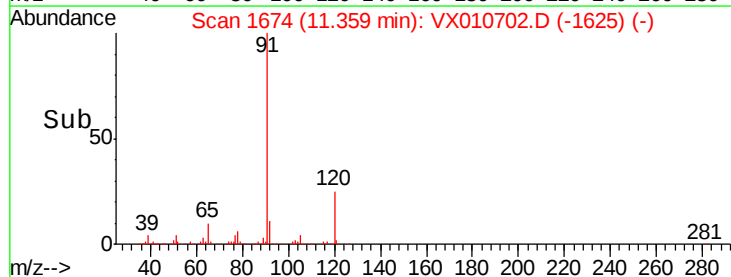
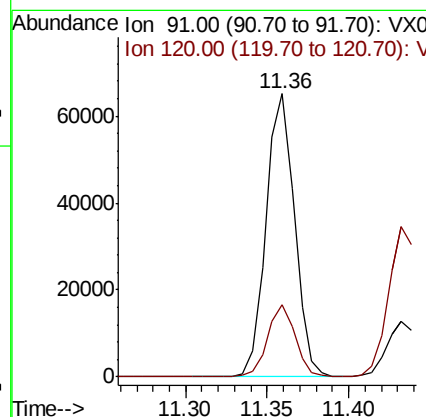
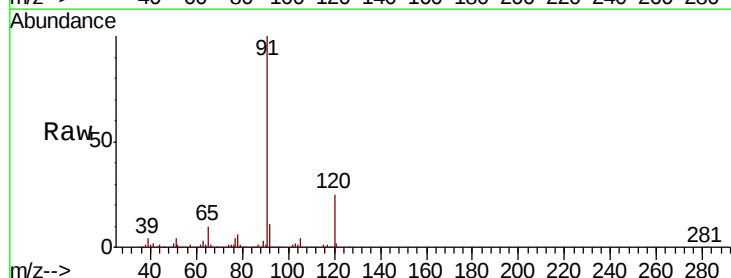
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0588DL

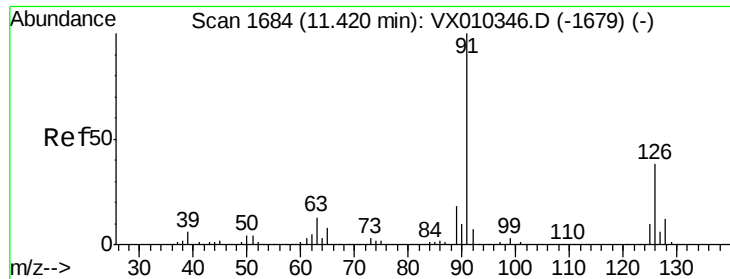
Tot Ion: 75 Resp: 2349
 Ion Ratio Lower Upper
 75 100
 77 1060.0 22.6 67.8#



#78
 n-propylbenzene
 Concen: 6.559 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX010702.D
 Acq: 08 Jul 2019 17:46

Tgt Ion: 91 Resp: 79158
 Ion Ratio Lower Upper
 91 100
 120 24.7 12.4 37.4

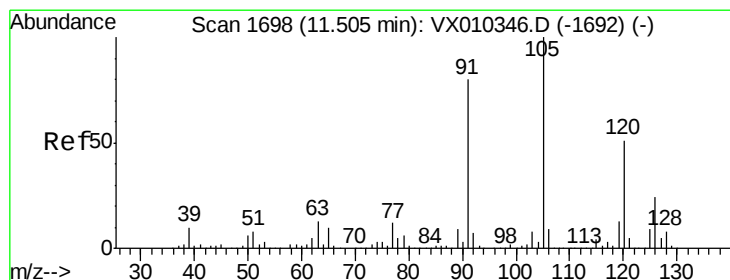
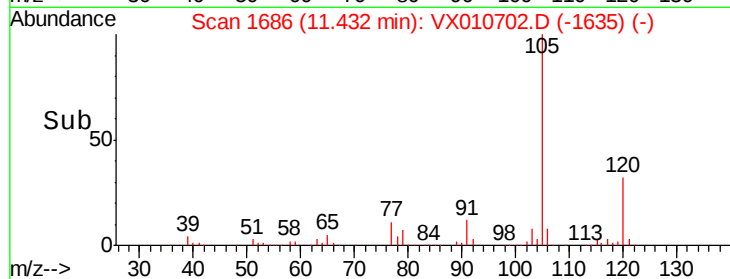
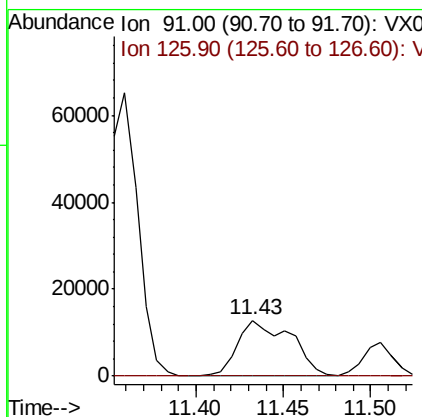
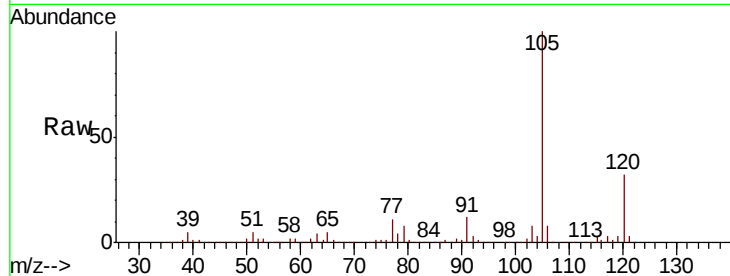




#79
 2-Chlorotoluene
 Concen: 3.753 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX010702.D
 Acq: 08 Jul 2019 17:46

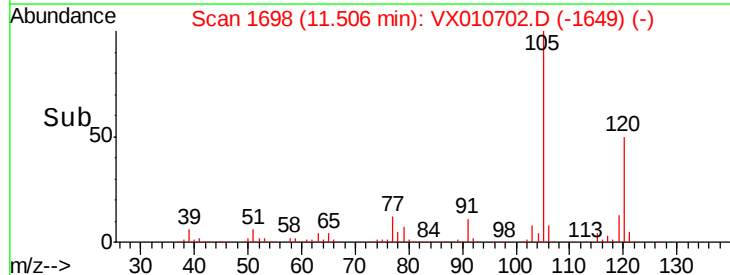
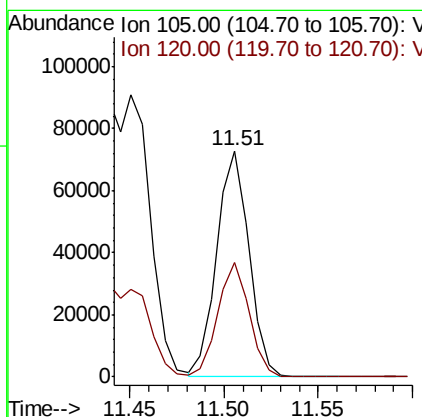
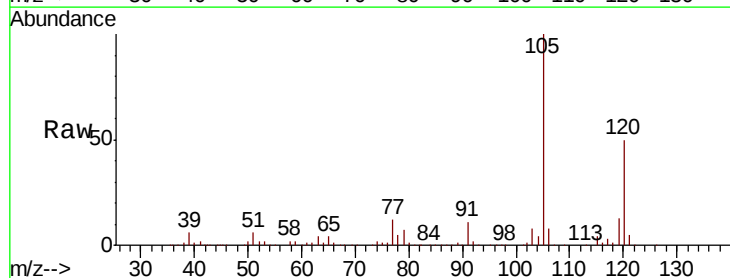
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0588DL

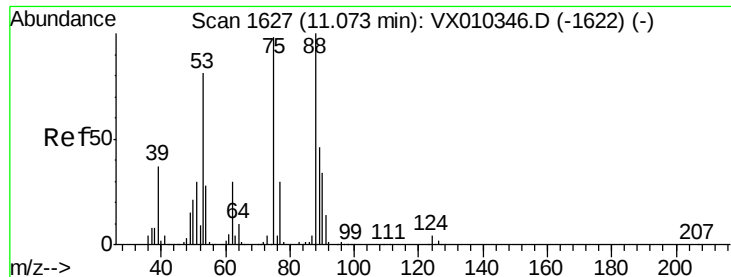
Tot Ion: 91 Resp: 26975
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 9.575 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010702.D
 Acq: 08 Jul 2019 17:46

Tgt Ion: 105 Resp: 86681
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 57.368 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

FL-0588DL

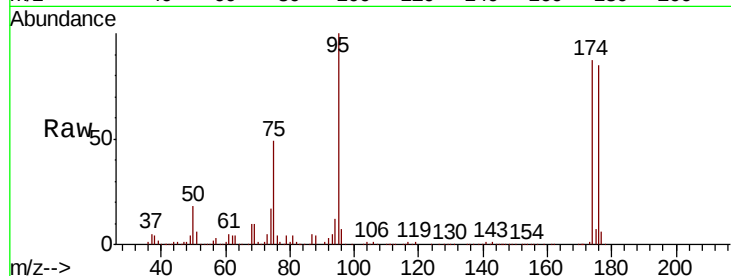
Tot Ion: 75 Resp: 72595

Ion Ratio Lower Upper

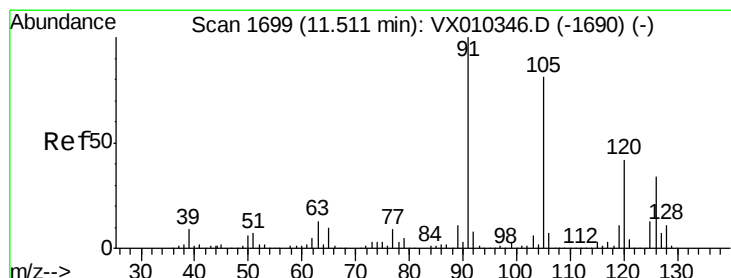
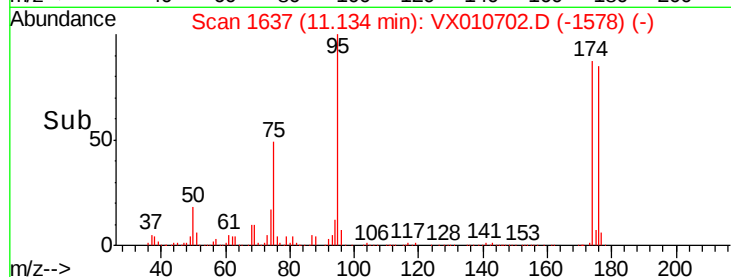
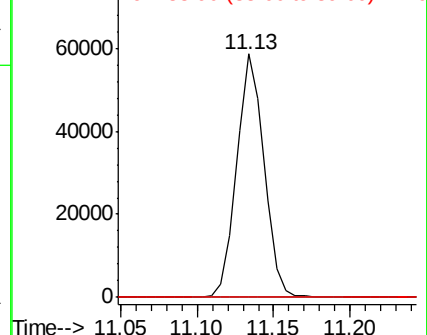
75 100

53 0.2 66.1 99.1#

89 0.0 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: 1.114 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010702.D

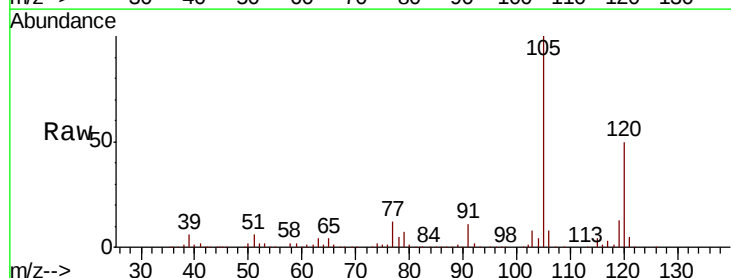
Acq: 08 Jul 2019 17:46

Tgt Ion: 91 Resp: 9114

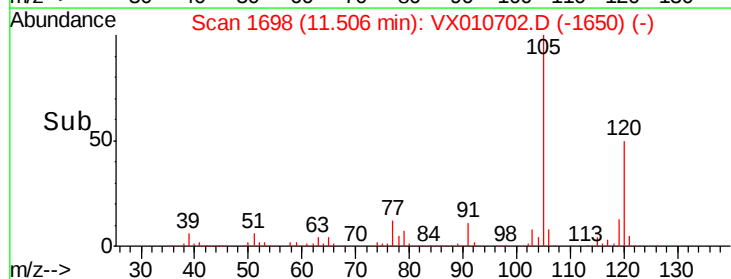
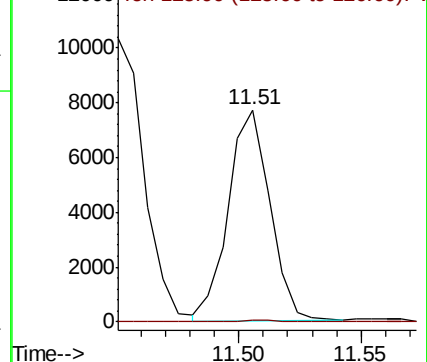
Ion Ratio Lower Upper

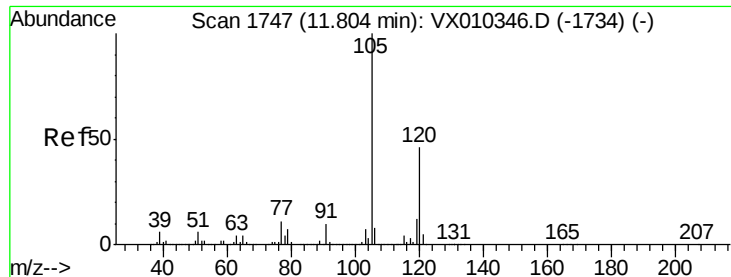
91 100

126 0.5 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: 36.845 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampled :

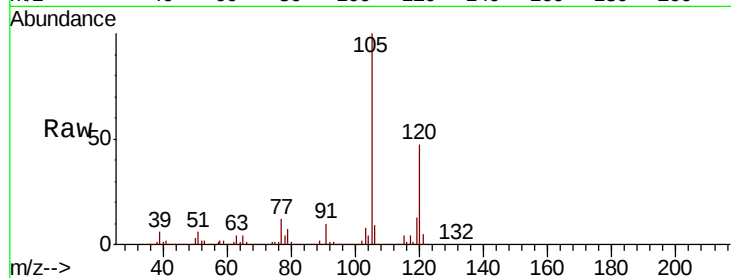
FL-0588DL

Tot Ion:105 Resp: 335124

Ion Ratio Lower Upper

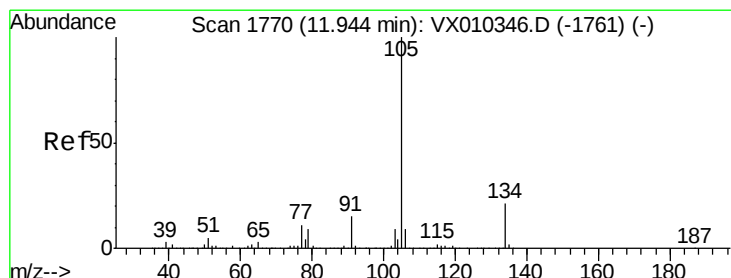
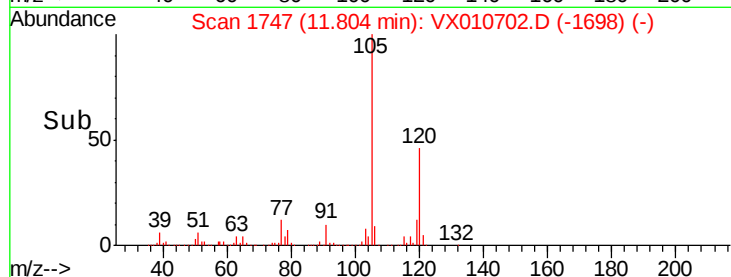
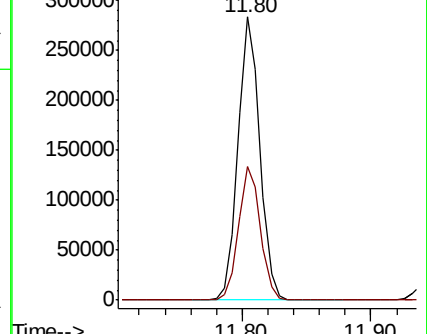
105 100

120 47.2 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: 2.188 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010702.D

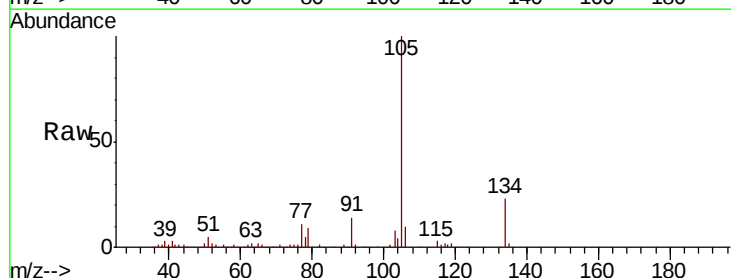
Acq: 08 Jul 2019 17:46

Tgt Ion:105 Resp: 23340

Ion Ratio Lower Upper

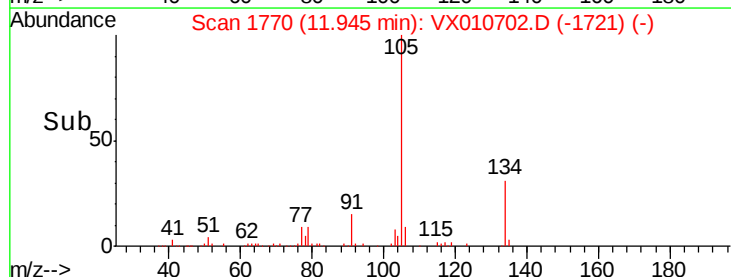
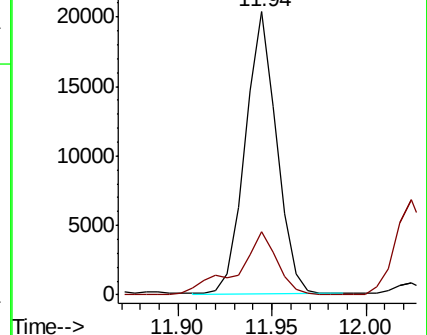
105 100

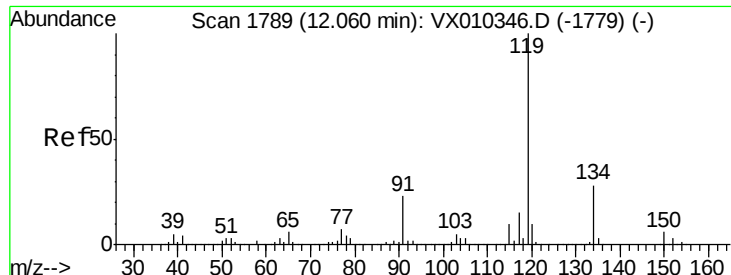
134 28.8 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

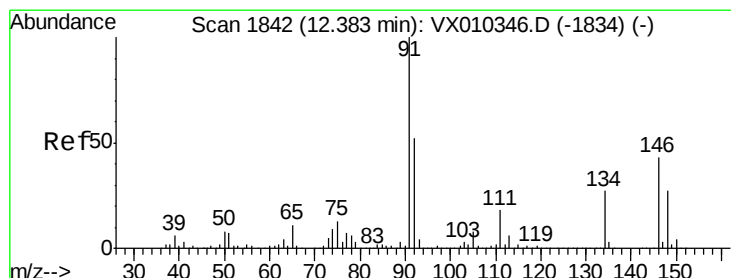
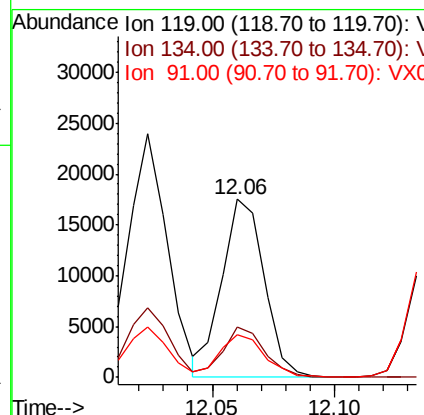
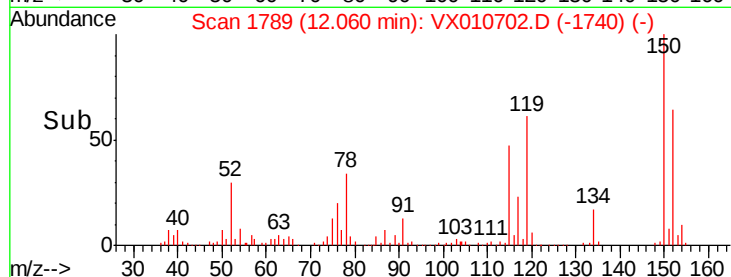
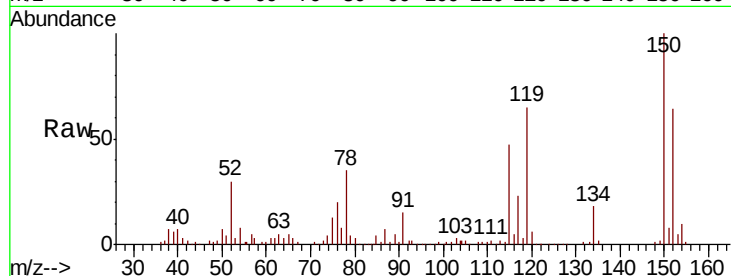




#86
p-Isopropyltoluene
Concen: 2.128 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

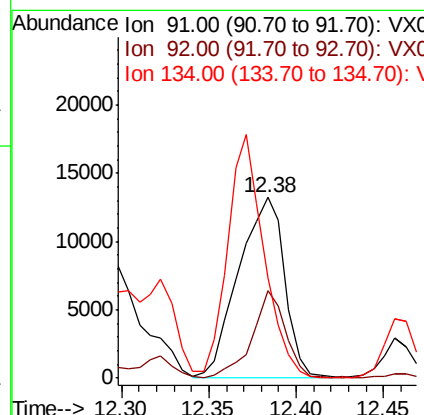
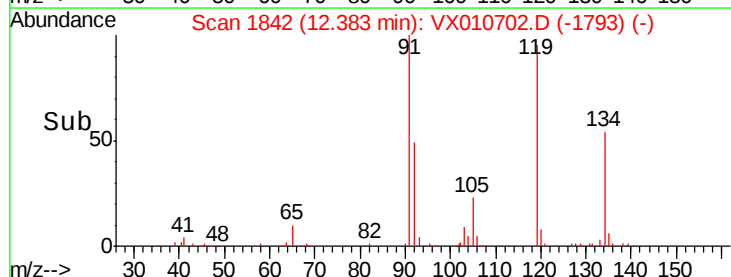
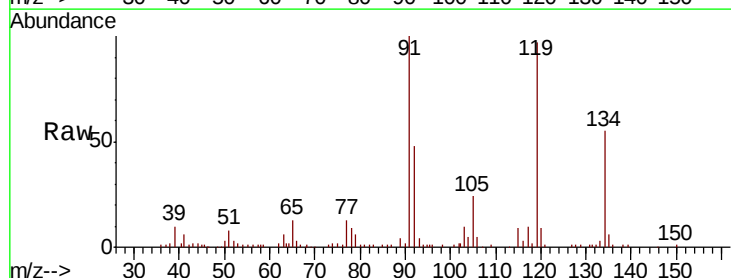
Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

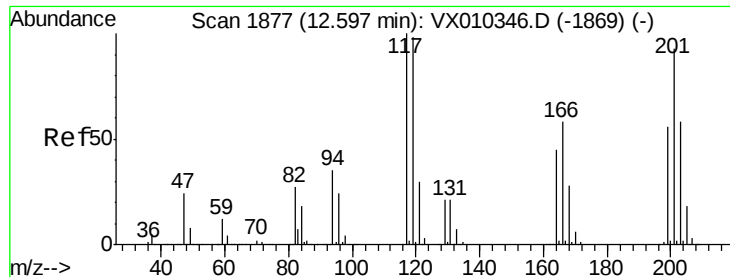
Tot Ion:119 Resp: 20999
Ion Ratio Lower Upper
119 100
134 28.1 13.7 41.1
91 25.6 11.3 33.8



#89
n-Butylbenzene
Concen: 2.851 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 91 Resp: 23906
Ion Ratio Lower Upper
91 100
92 35.9 26.2 78.5
134 107.2 14.1 42.4#





#90

Hexachloroethane

Concen: 2.919 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

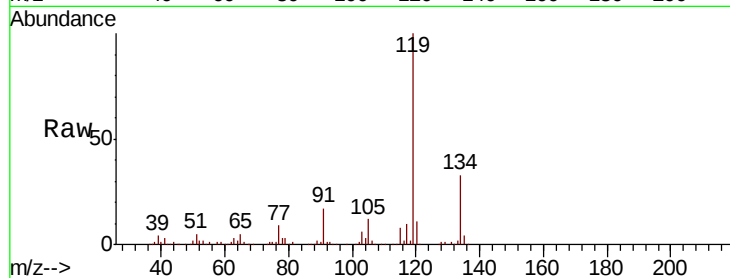
FL-0588DL

Tot Ion:117 Resp: 4981

Ion Ratio Lower Upper

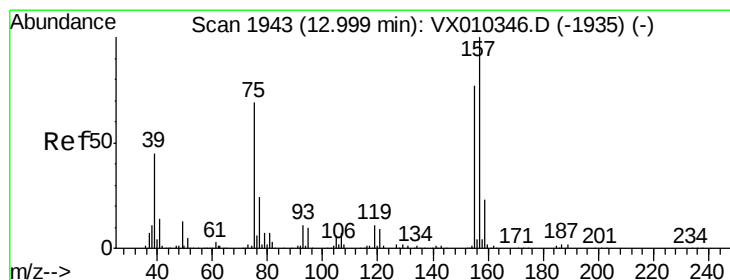
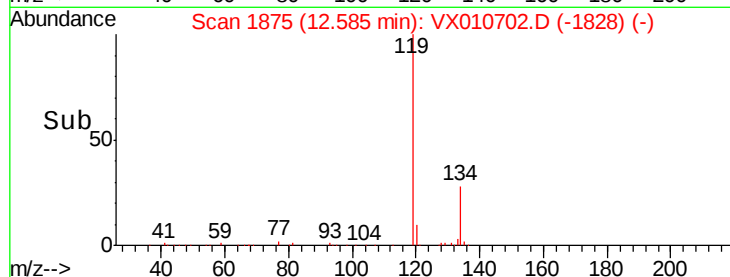
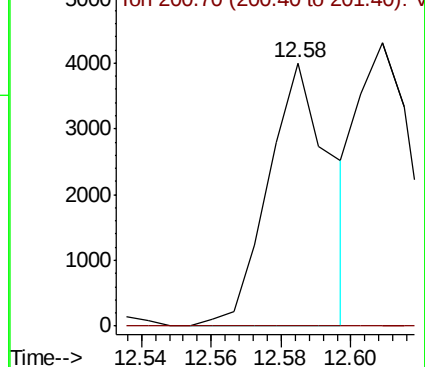
117 100

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: 0.533 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010702.D

Acq: 08 Jul 2019 17:46

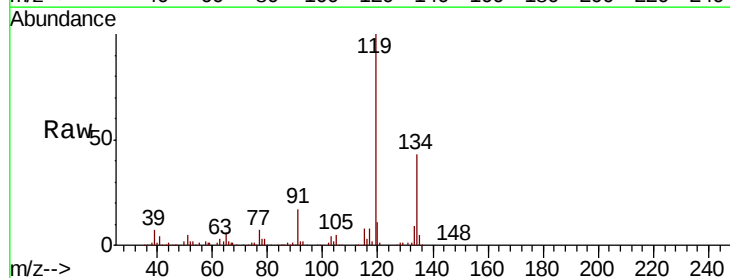
Tgt Ion: 75 Resp: 418

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

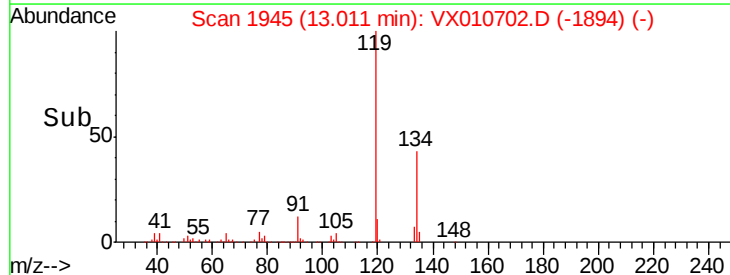
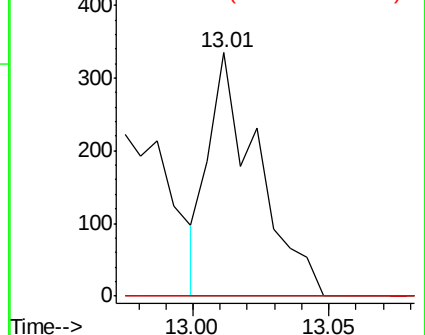
157 0.0 69.5 208.3#

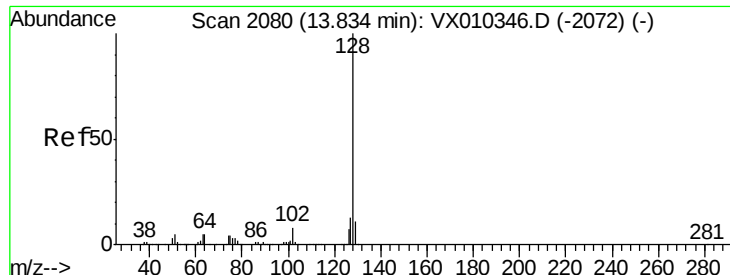


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 7.492 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.6	8.9	13.3

