

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010887.D
 Acq On : 15 Jul 2019 16:14
 Operator : JC/SP
 Sample : K3786-05DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0589DL

Quant Time: Jul 16 02:00:15 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	225107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	327772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158581	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115840	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	5.50	113	109536	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.71	98	427175	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.13	95	152795	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

Target Compounds

					Qvalue
3) Chloromethane	1.34	50	511	0.280 ug/l #	48
5) Bromomethane	1.65	94	448	0.461 ug/l	86
6) Chloroethane	1.75	64	3268	2.775 ug/l #	63
11) Tert butyl alcohol	3.02	59	1185	2.146 ug/l #	74
16) Acetone	2.45	43	1517	1.434 ug/l	98
18) Methyl Acetate	2.78	43	626	0.297 ug/l #	85
20) Methylene Chloride	2.85	84	591	0.271 ug/l #	76
31) Cyclohexane	5.59	56	49541	16.250 ug/l	96
36) 1,1-Dichloropropene	5.66	75	15004	5.336 ug/l #	47
38) Carbon Tetrachloride	5.66	117	21000	6.896 ug/l #	16
39) Methylcyclohexane	7.46	83	120574	32.620 ug/l	99
45) 1,2-Dichloropropane	7.46	63	1502	0.679 ug/l #	1
47) Bromodichloromethane	7.84	83	643	0.221 ug/l #	74
48) Methyl methacrylate	7.73	41	6655	2.991 ug/l #	59
49) 1,4-Dioxane	7.78	88	24	0.374 ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	1880	0.614 ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	13668	5.744 ug/l #	20
56) Ethyl methacrylate	9.16	69	3023	0.839 ug/l #	1
67) Ethyl Benzene	10.25	91	186271	16.581 ug/l	99
68) m/p-Xylenes	10.36	106	87896	20.192 ug/l	97
73) Isopropylbenzene	11.02	105	94041	8.748 ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	75548	26.143 ug/l #	33
78) n-propylbenzene	11.36	91	125454	10.619 ug/l	97
79) 2-Chlorotoluene	11.45	91	15484	2.201 ug/l #	38
80) 1,3,5-Trimethylbenzene	11.45	105	138503	15.629 ug/l	70
81) trans-1,4-Dichloro-2-buten	11.13	75	75548	60.990 ug/l #	16
82) 4-Chlorotoluene	11.45	91	15484	1.934 ug/l #	42
83) tert-Butylbenzene	11.80	119	50036	5.625 ug/l #	57
84) 1,2,4-Trimethylbenzene	11.80	105	402366	45.192 ug/l	100
85) sec-Butylbenzene	11.94	105	18154	1.738 ug/l	99
86) p-Isopropyltoluene	12.06	119	16138	1.671 ug/l	93
89) n-Butylbenzene	12.38	91	10249	1.249 ug/l #	62
90) Hexachloroethane	12.58	117	2571	1.539 ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	334	0.435 ug/l #	1

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Response via : Initial Calibration

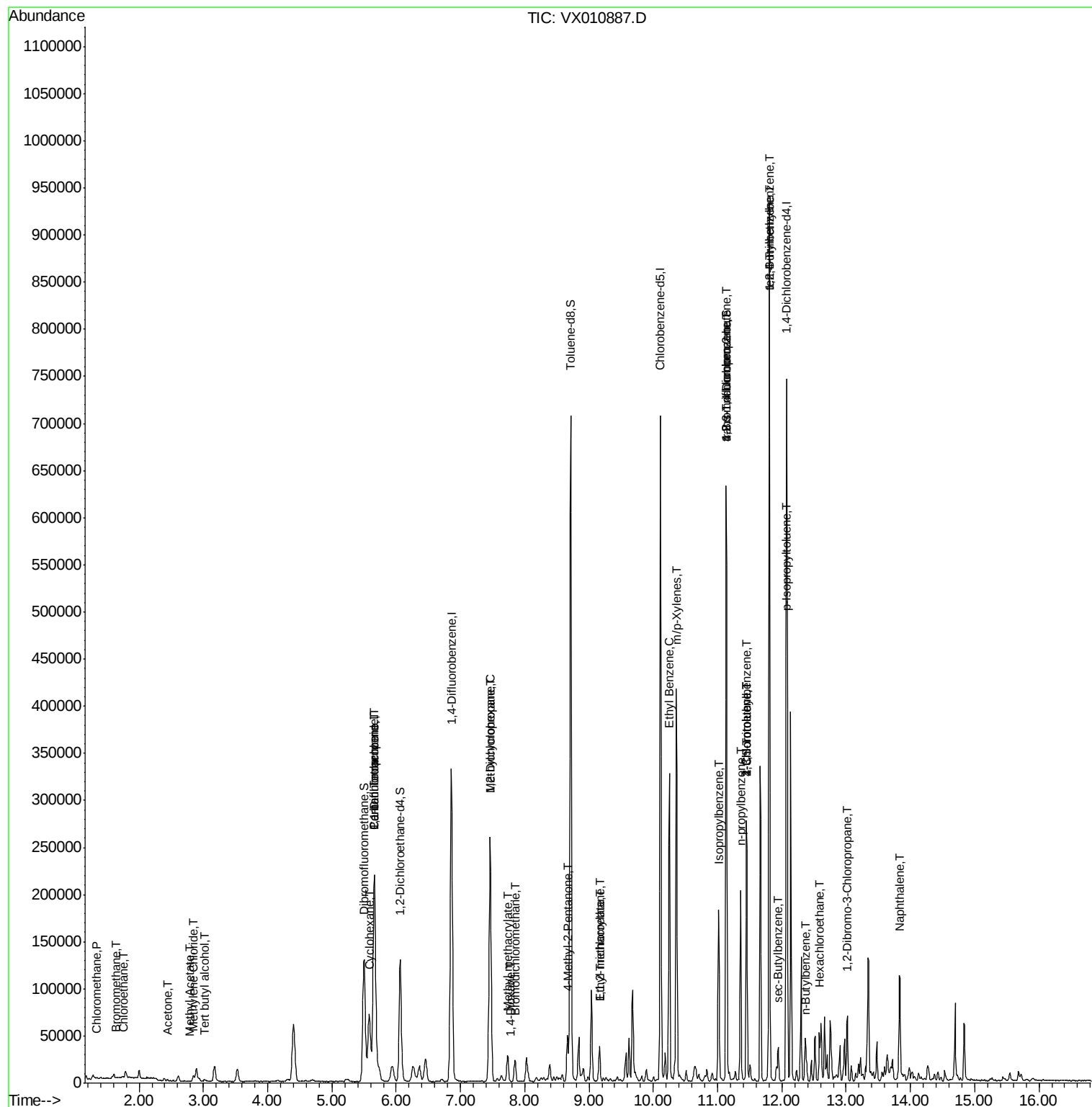
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	70575	6.359	ug/l	98

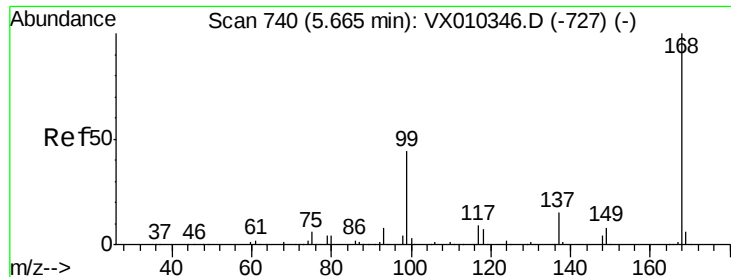
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

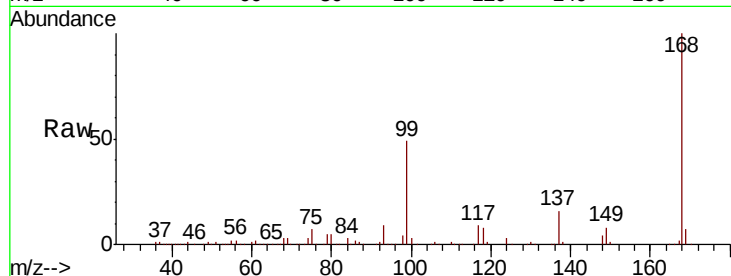
FL-0589DL

Tot Ion:168 Resp: 225107

Ion Ratio Lower Upper

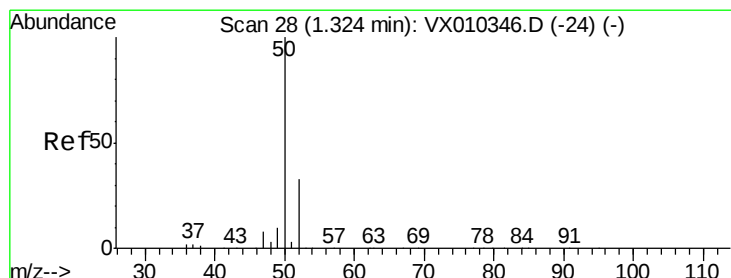
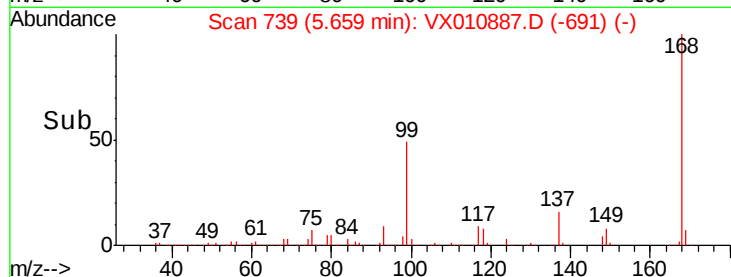
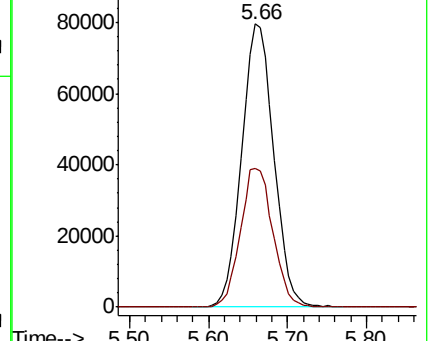
168 100

99 48.9 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: 0.280 ug/l

RT: 1.34 min Scan# 30

Delta R.T. 0.01 min

Lab File: VX010887.D

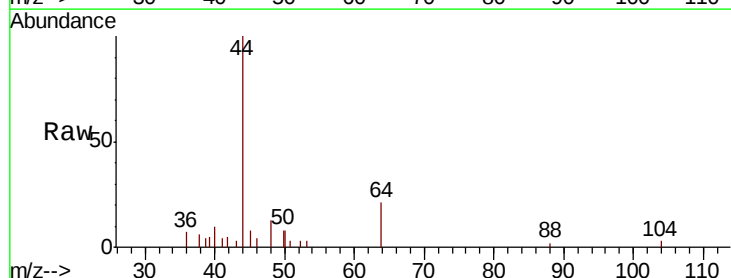
Acq: 15 Jul 2019 16:14

Tgt Ion: 50 Resp: 511

Ion Ratio Lower Upper

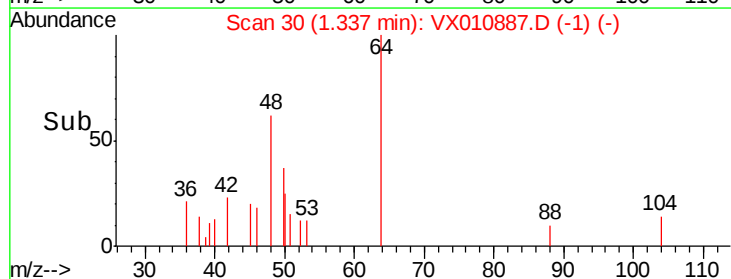
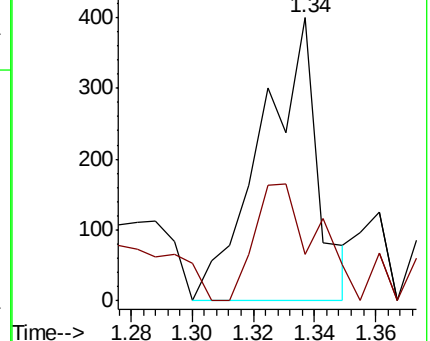
50 100

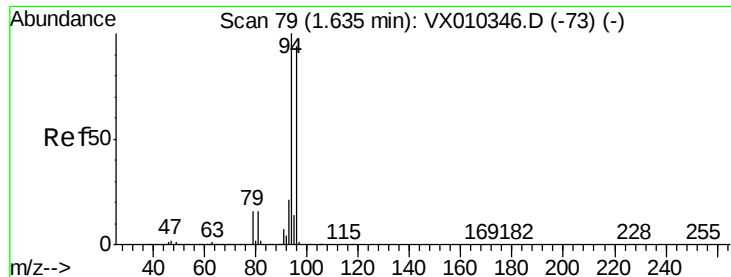
52 3.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.461 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleID :

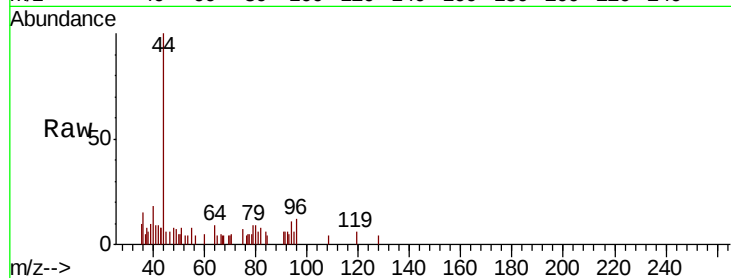
FL-0589DL

Tot Ion: 94 Resp: 448

Ion Ratio Lower Upper

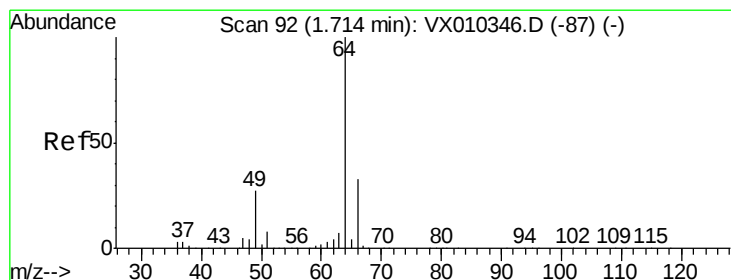
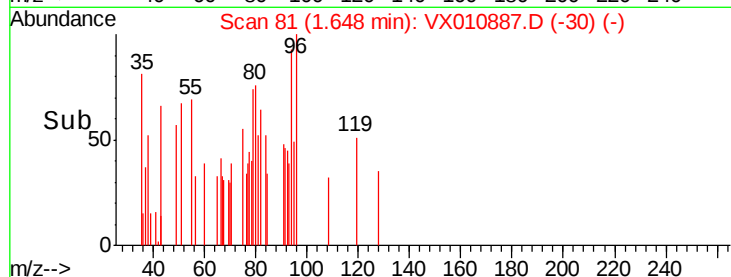
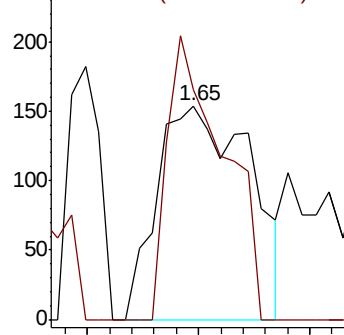
94 100

96 107.8 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: 2.775 ug/l

RT: 1.75 min Scan# 97

Delta R.T. 0.03 min

Lab File: VX010887.D

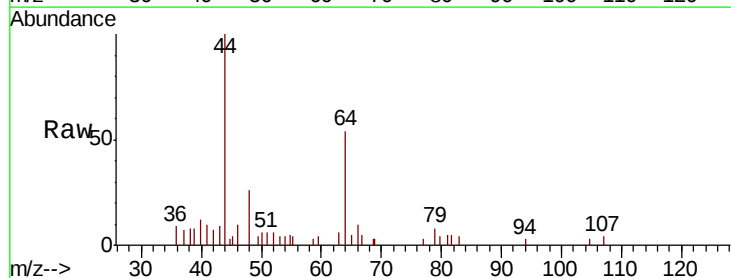
Acq: 15 Jul 2019 16:14

Tgt Ion: 64 Resp: 3268

Ion Ratio Lower Upper

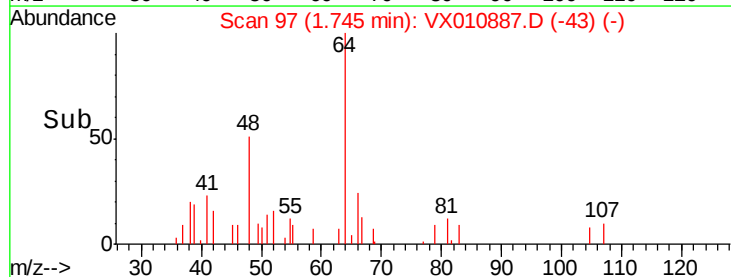
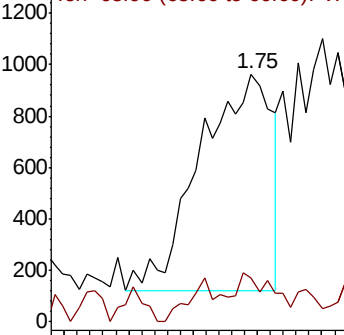
64 100

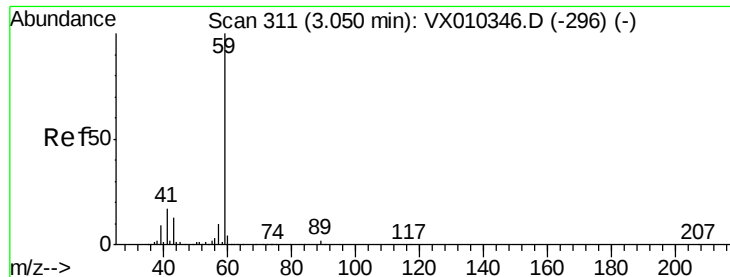
66 12.3 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

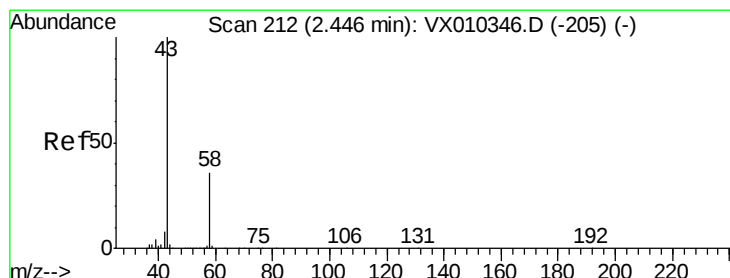
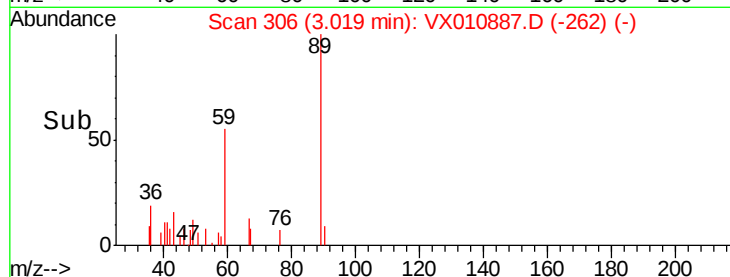
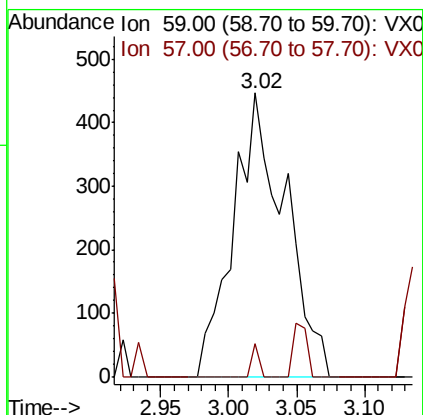
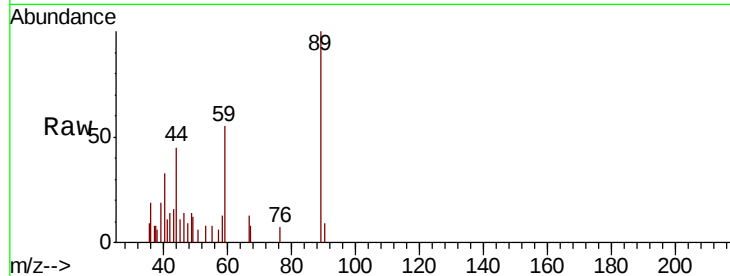




#11
Tert butyl alcohol
Concen: 2.146 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

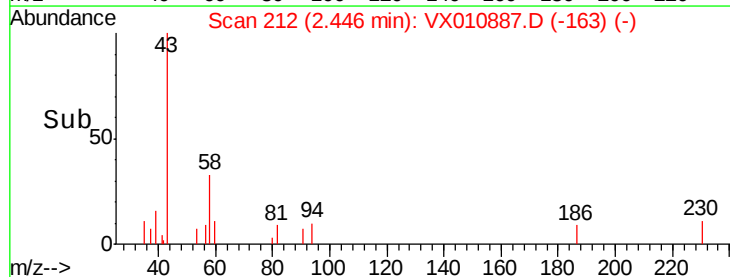
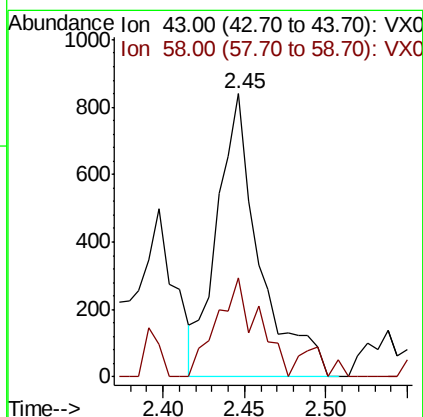
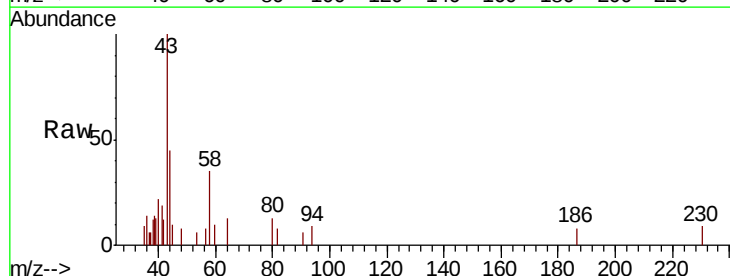
Instrument :
MSVOA_X
ClientSampleID :
FL-0589DL

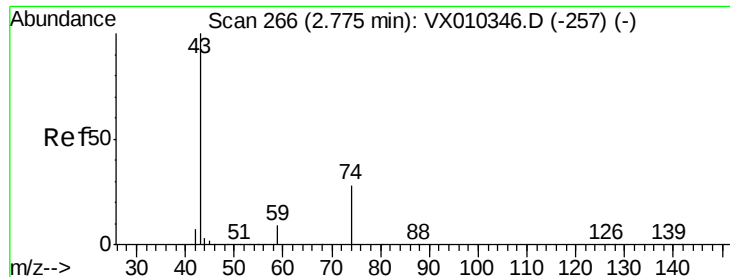
Tot Ion: 59 Resp: 1185
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 1.434 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
58 34.8 28.9 43.3

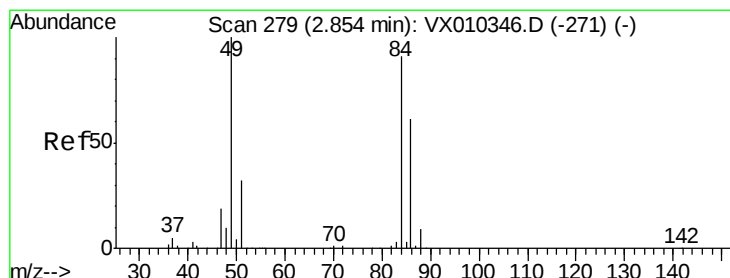
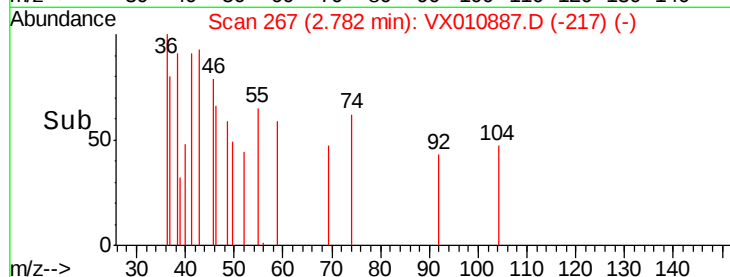
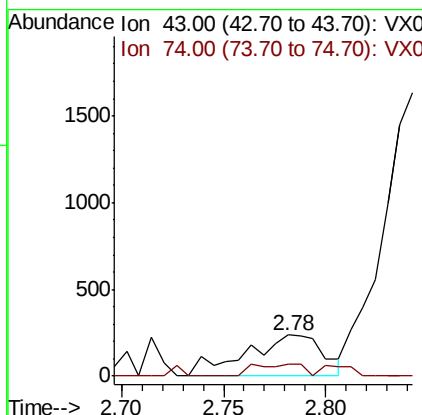
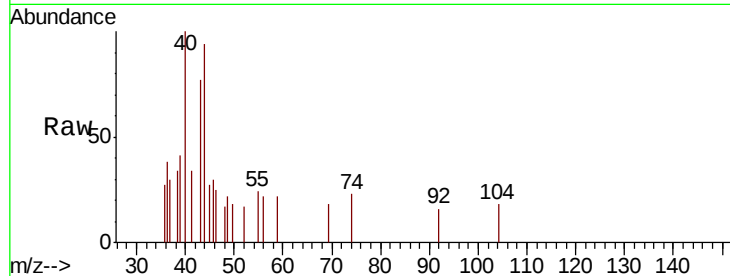




#18
Methyl Acetate
Concen: 0.297 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

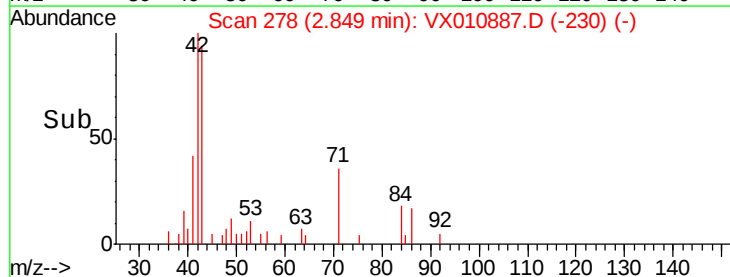
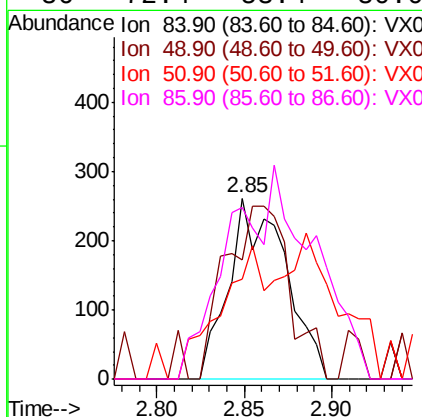
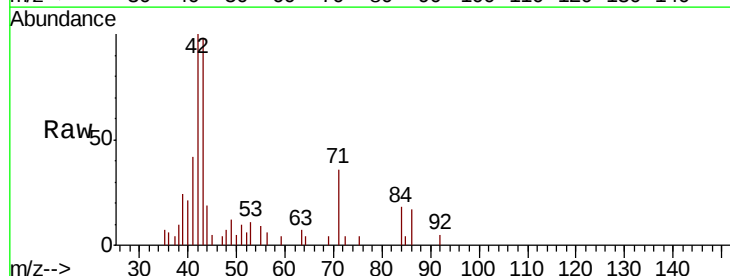
Instrument :
MSVOA_X
ClientSampleID :
FL-0589DL

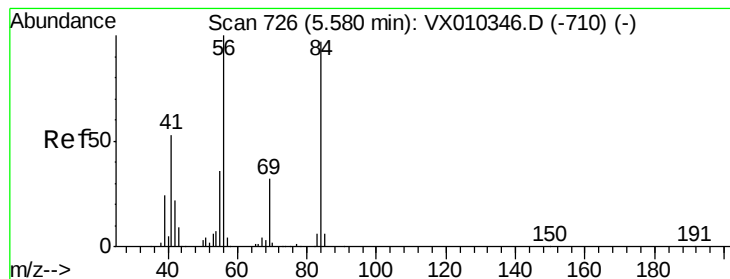
Tot Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
74 18.8 21.3 31.9#



#20
Methylene Chloride
Concen: 0.271 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Tgt Ion: 84 Resp: 591
Ion Ratio Lower Upper
84 100
49 66.3 87.5 131.3#
51 33.0 27.7 41.5
86 72.4 53.4 80.0





#31

Cyclohexane

Concen: 16.250 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0589DL

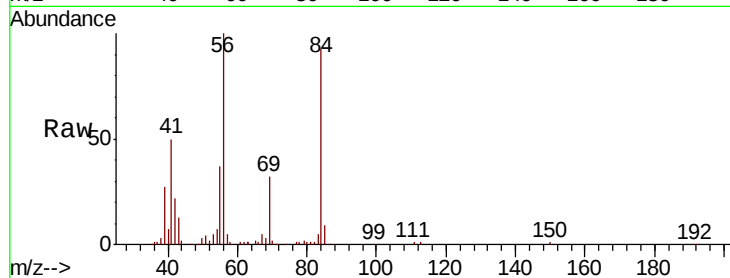
Tot Ion: 56 Resp: 49541

Ion Ratio Lower Upper

56 100

69 31.3 25.9 38.9

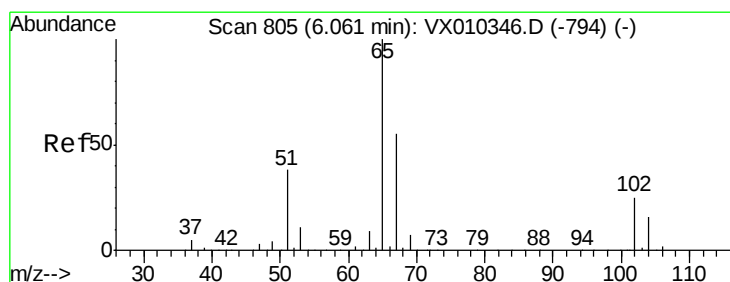
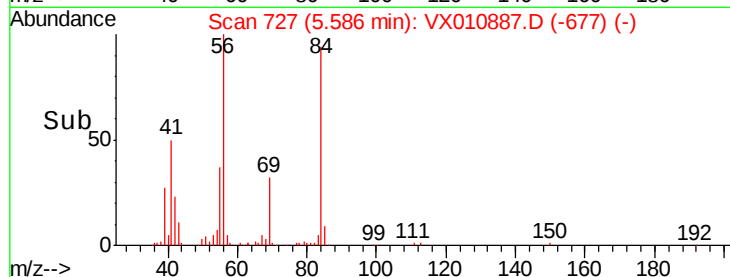
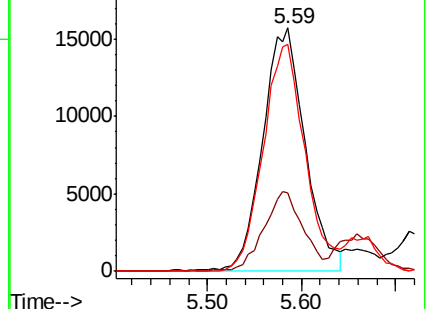
84 93.4 78.0 117.0



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: 54.885 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010887.D

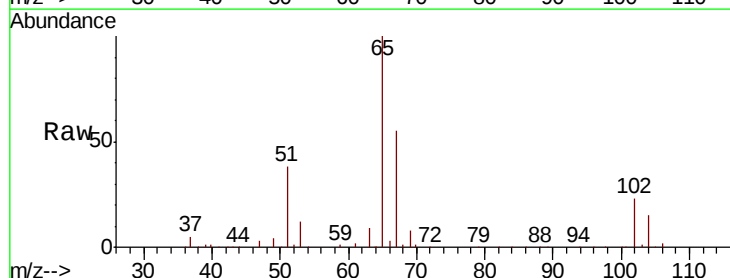
Acq: 15 Jul 2019 16:14

Tgt Ion: 65 Resp: 115840

Ion Ratio Lower Upper

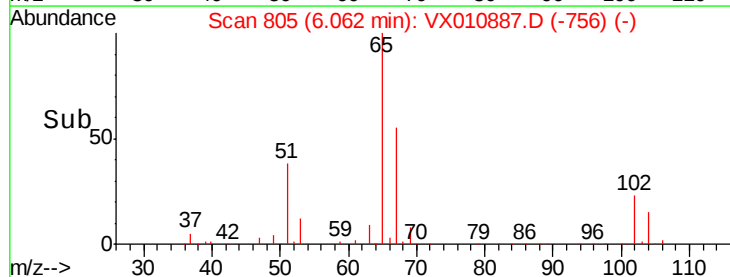
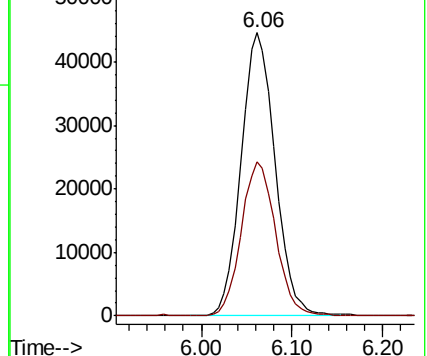
65 100

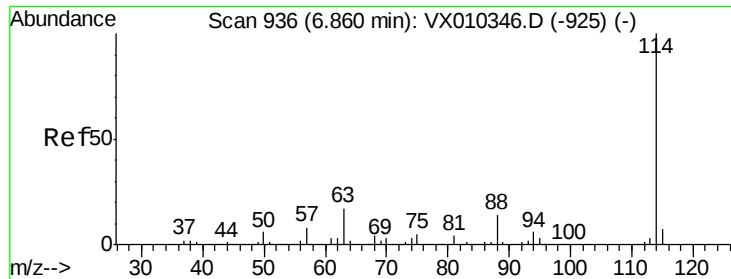
67 55.1 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

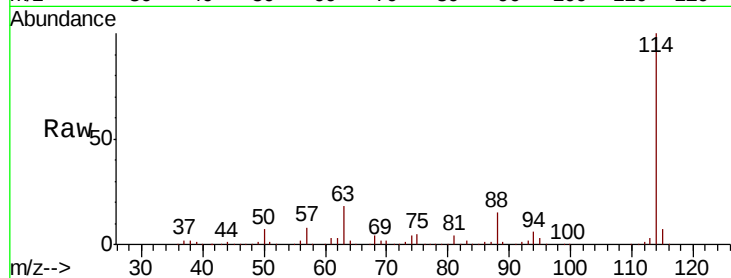




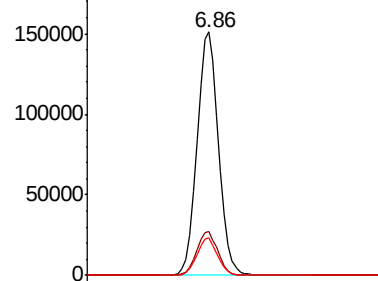
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010887.D
 Acq: 15 Jul 2019 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0589DL

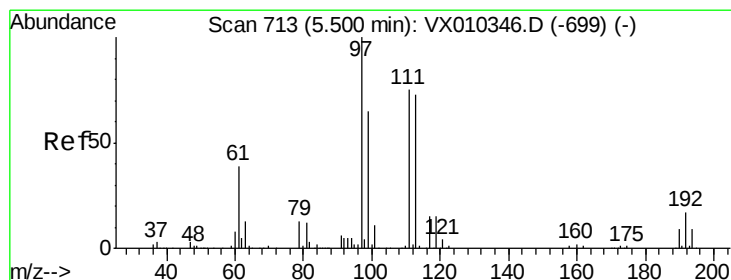
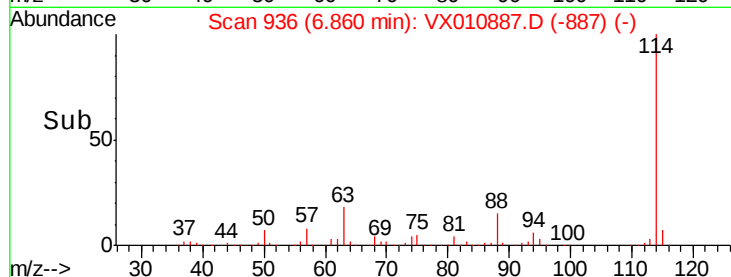
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	33.8
88	15.2	0.0	27.6



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

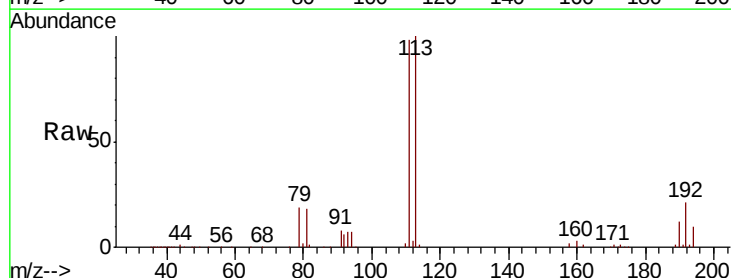


Time-->

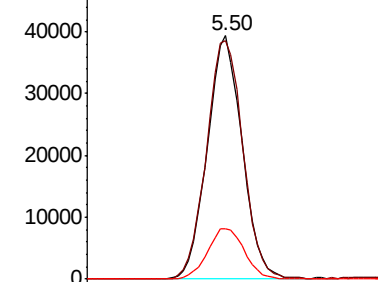


#35
 Dibromofluoromethane
 Concen: 50.592 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010887.D
 Acq: 15 Jul 2019 16:14

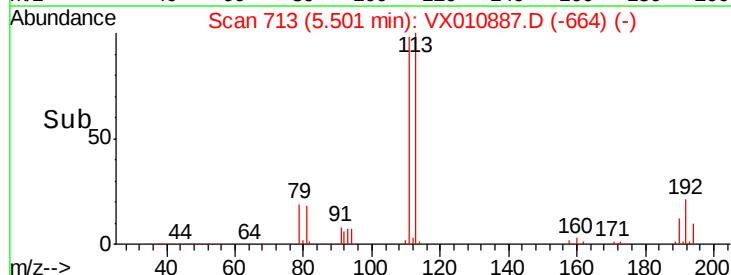
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	21.8	18.6	27.8

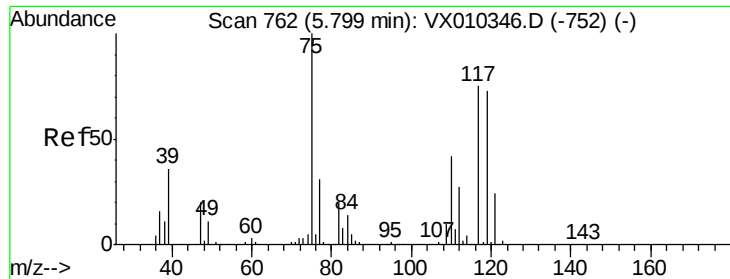


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

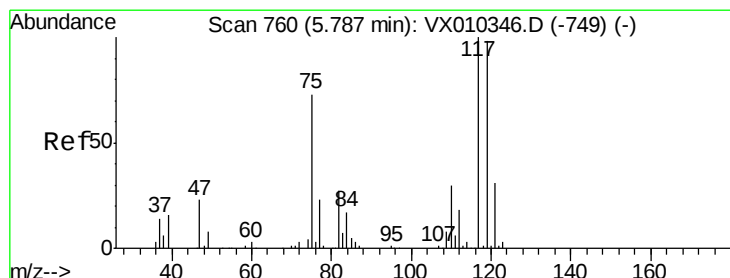
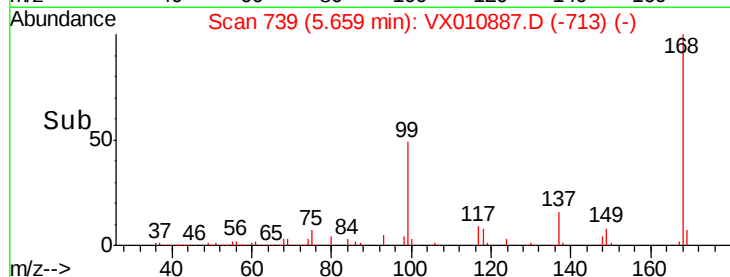
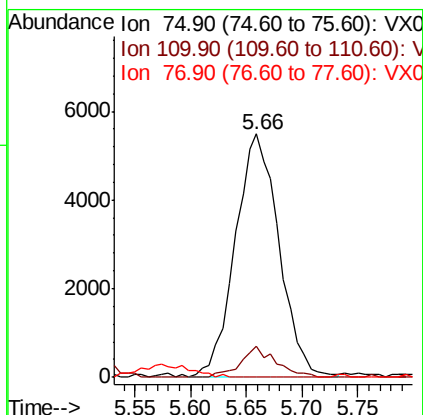
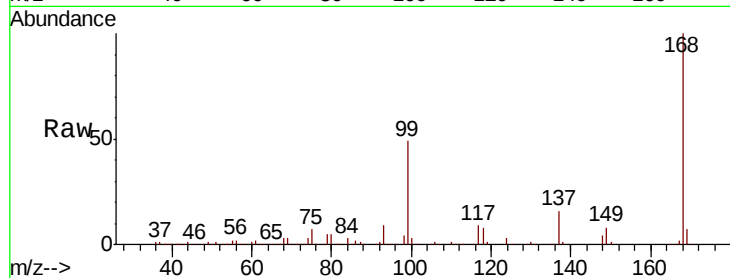




#36
 1,1-Dichloropropene
 Concen: 5.336 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010887.D
 Acq: 15 Jul 2019 16:14

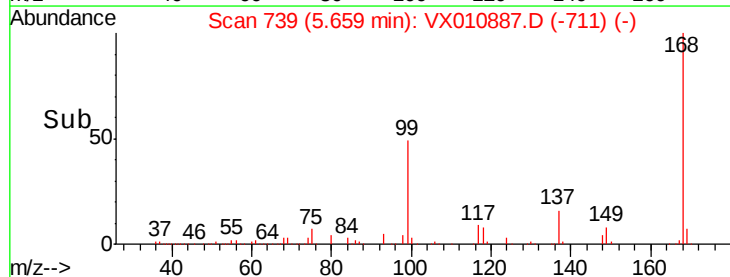
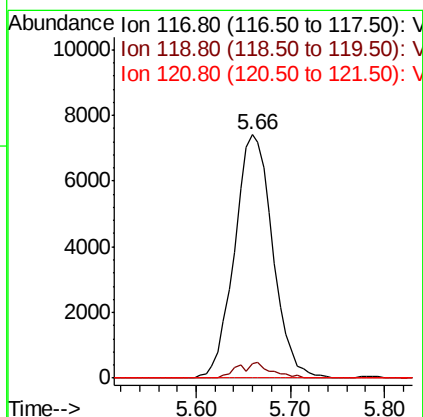
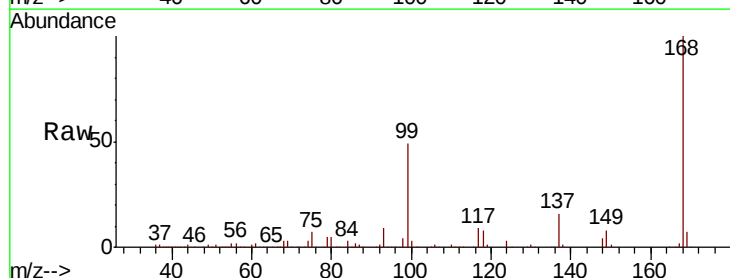
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0589DL

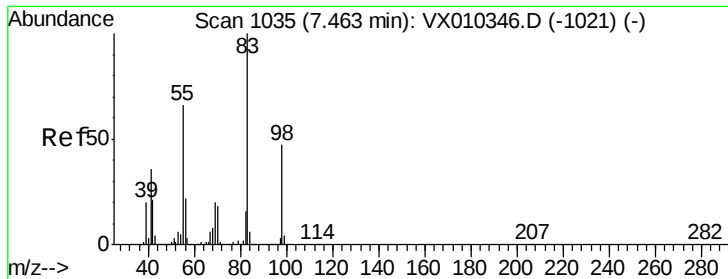
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.8	62.2#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.896 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010887.D
 Acq: 15 Jul 2019 16:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.2	117.4#
121	0.0	24.7	37.1#

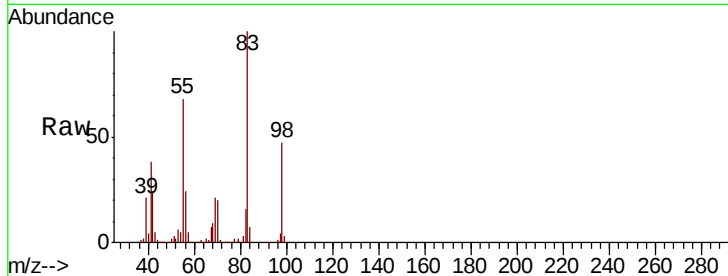




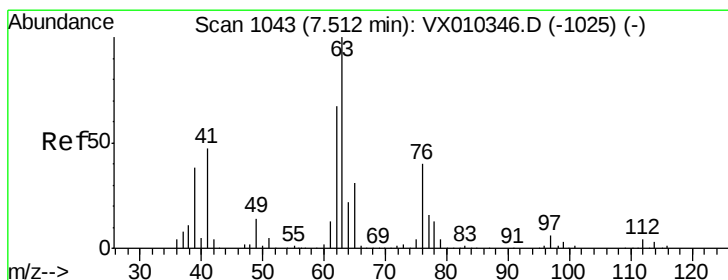
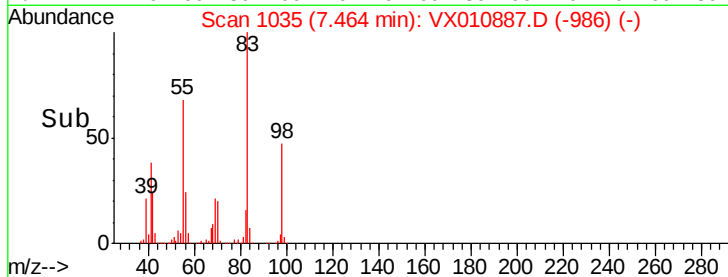
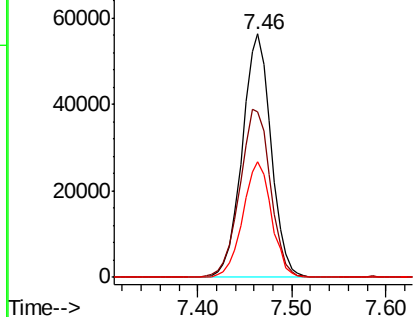
#39
Methvlcvclohexane
Concen: 32.620 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Instrument :
MSVOA_X
ClientSampleId :
FL-0589DL

Tot Ion: 83 Resp: 120574
Ion Ratio Lower Upper
83 100
55 67.8 53.0 79.6
98 47.4 37.8 56.8

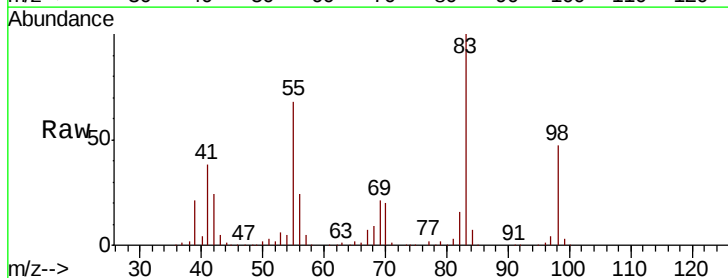


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

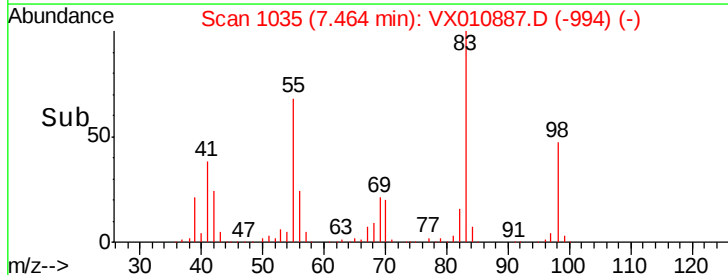
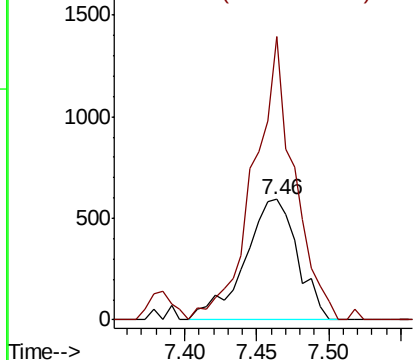


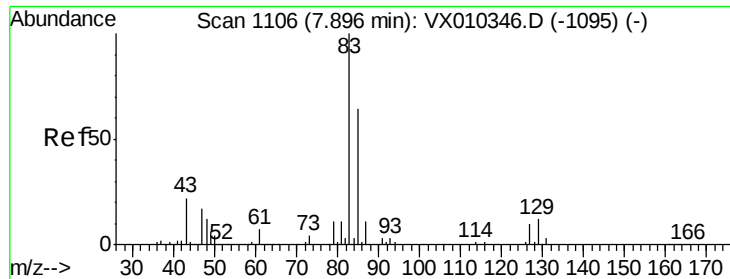
#45
1,2-Dichloropropane
Concen: 0.679 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.05 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Tgt Ion: 63 Resp: 1502
Ion Ratio Lower Upper
63 100
65 235.5 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.221 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

FL-0589DL

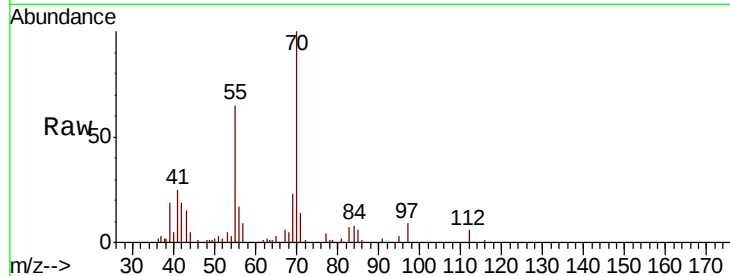
Tot Ion: 83 Resp: 643

Ion Ratio Lower Upper

83 100

85 84.8 51.5 77.3#

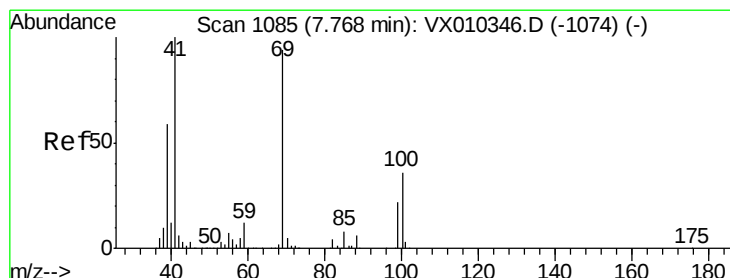
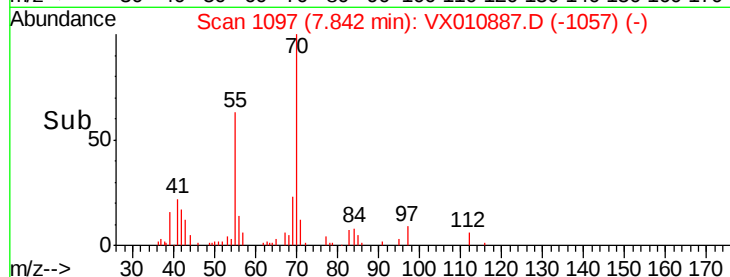
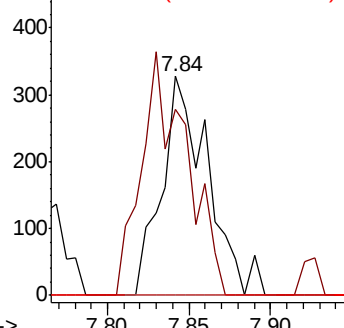
127 0.0 7.8 11.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.991 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

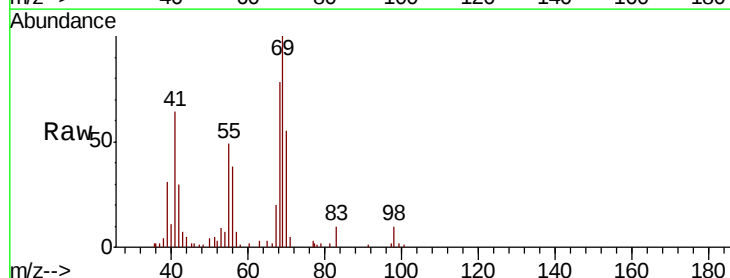
Tgt Ion: 41 Resp: 6655

Ion Ratio Lower Upper

41 100

69 149.2 76.1 114.1#

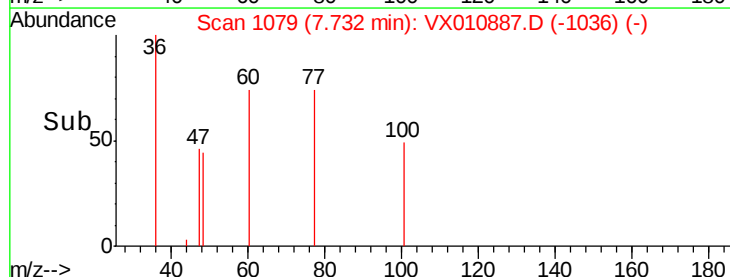
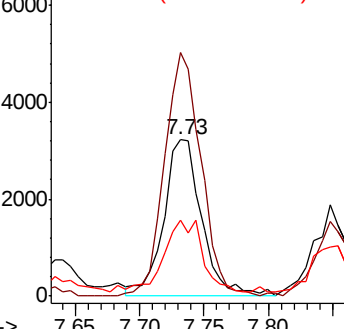
39 46.0 47.6 71.4#

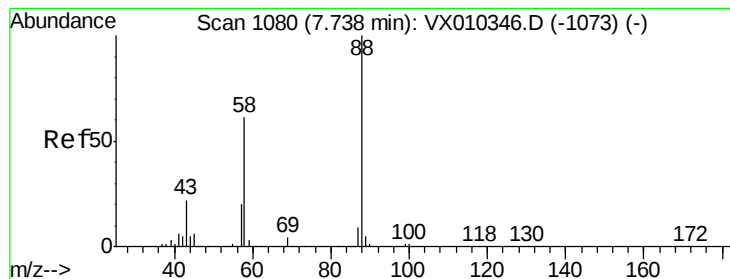


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.374 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.04 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

FL-0589DL

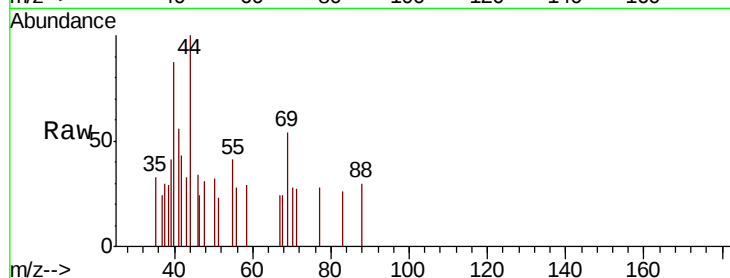
Tot Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.2#

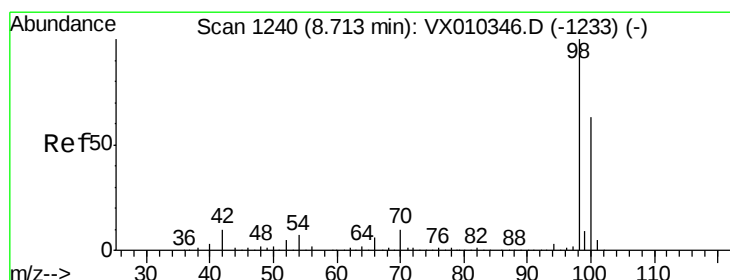
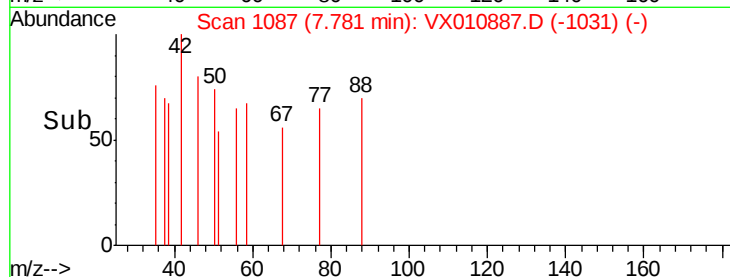
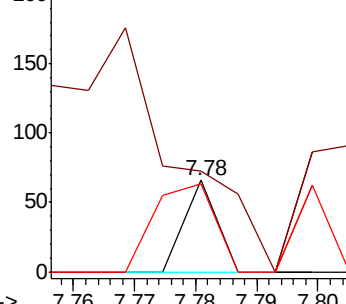
58 179.2 49.5 74.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.572 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010887.D

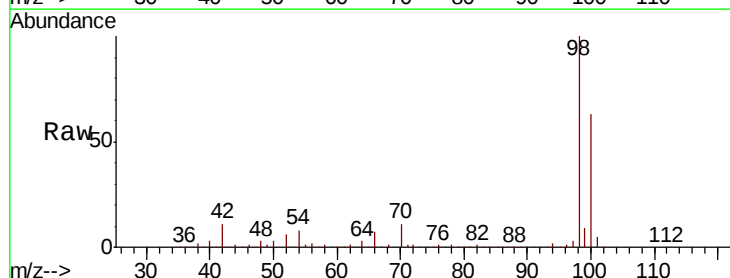
Acq: 15 Jul 2019 16:14

Tgt Ion: 98 Resp: 427175

Ion Ratio Lower Upper

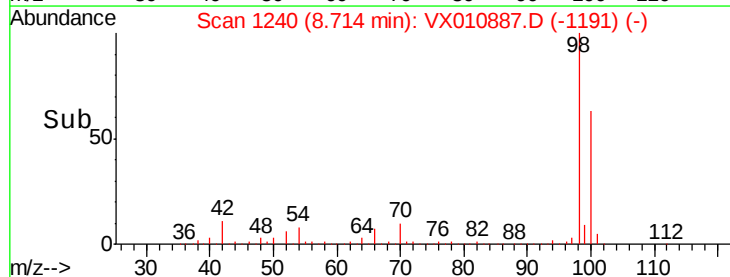
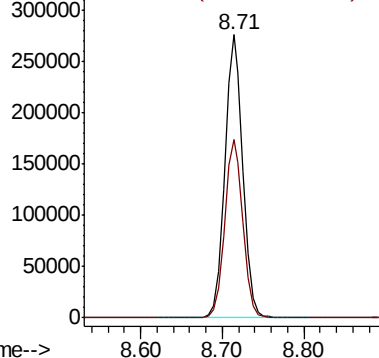
98 100

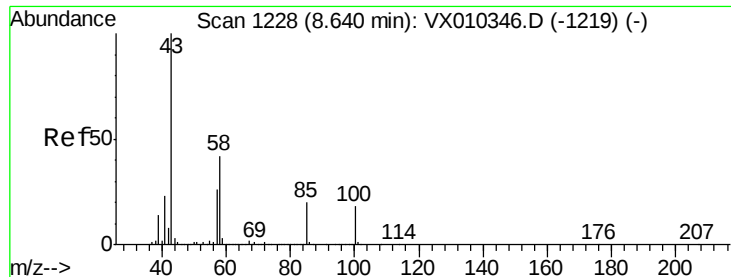
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.614 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.02 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

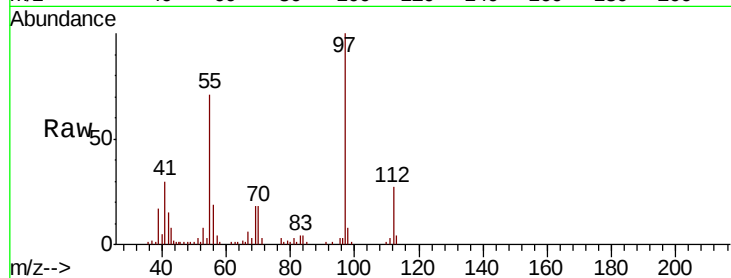
FL-0589DL

Tot Ion: 43 Resp: 1880

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

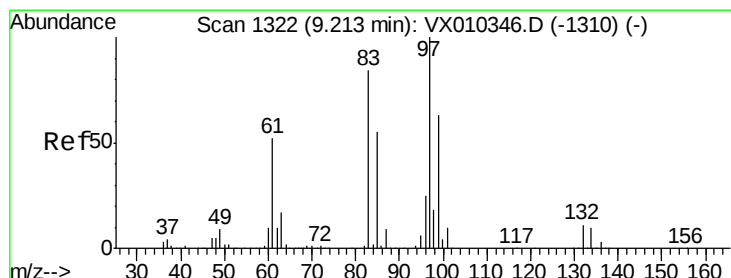
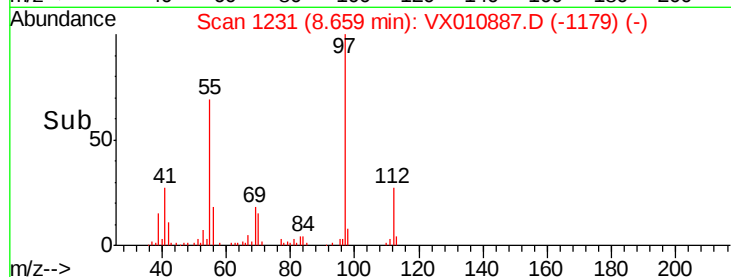
0

8.60

8.65

8.70

Time-->



#55

1,1,2-Trichloroethane

Concen: 5.744 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Tgt Ion: 97 Resp: 13668

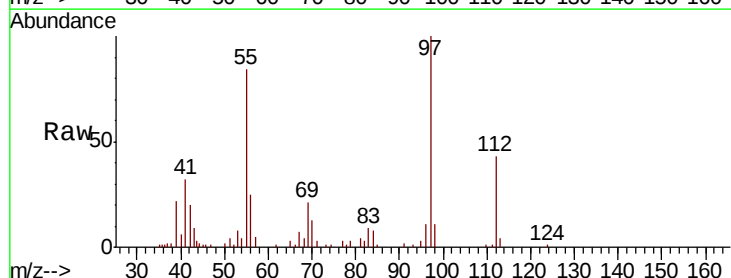
Ion Ratio Lower Upper

97 100

83 9.1 67.4 101.0#

85 0.7 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

12000

10000

8000

6000

4000

2000

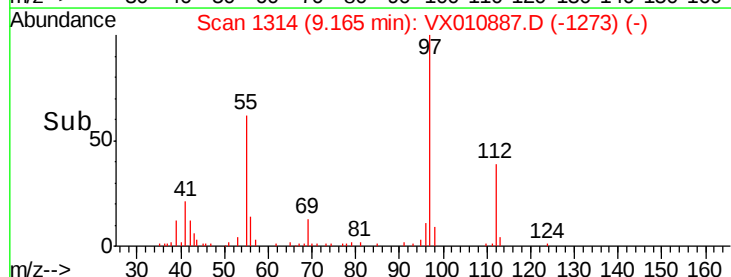
0

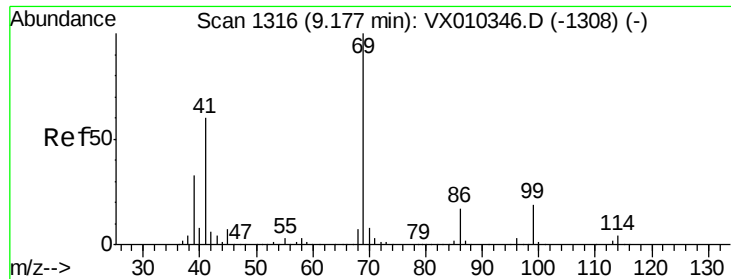
9.10

9.15

9.20

Time-->

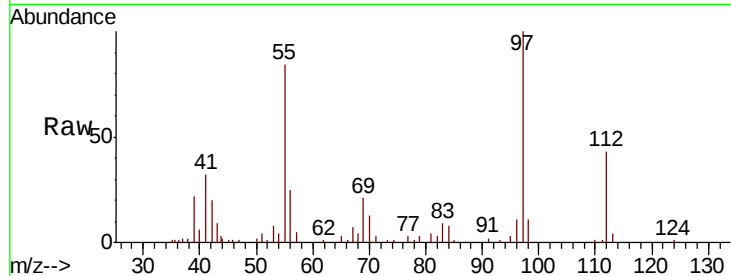




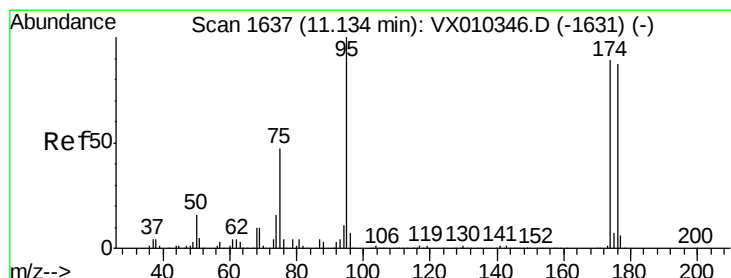
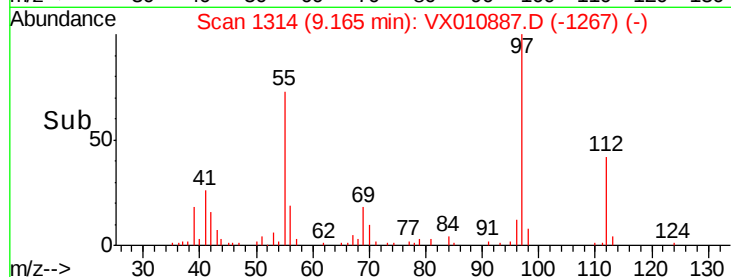
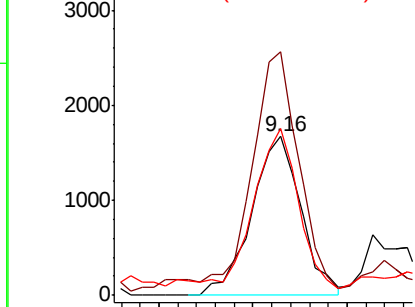
#56
Ethyl methacrylate
Concen: 0.839 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Instrument :
MSVOA_X
ClientSampleID :
FL-0589DL

Tot Ion: 69 Resp: 3023
Ion Ratio Lower Upper
69 100
41 138.4 47.1 70.7#
39 89.8 26.6 40.0#

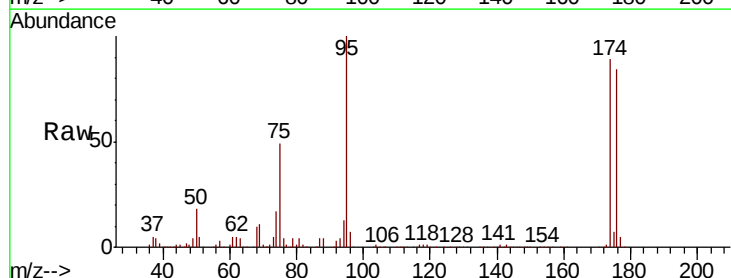


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

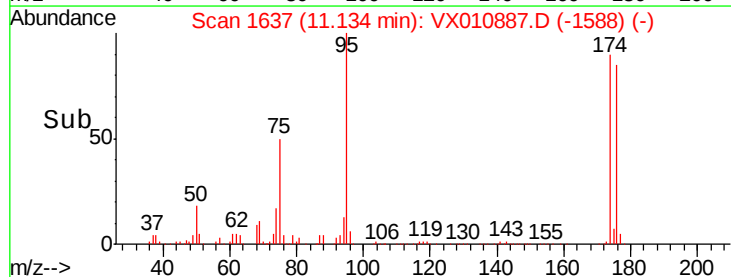
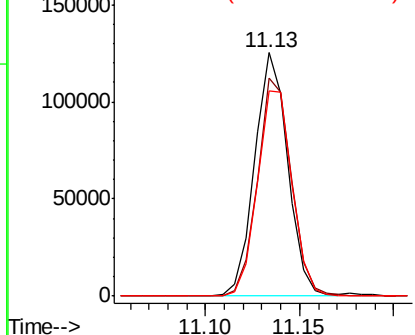


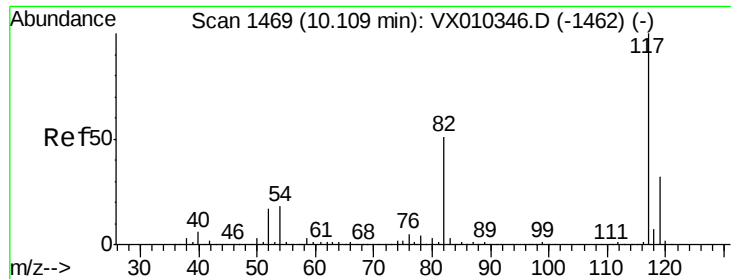
#62
4-Bromofluorobenzene
Concen: 51.094 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Tgt Ion: 95 Resp: 152795
Ion Ratio Lower Upper
95 100
174 91.4 0.0 187.6
176 88.7 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

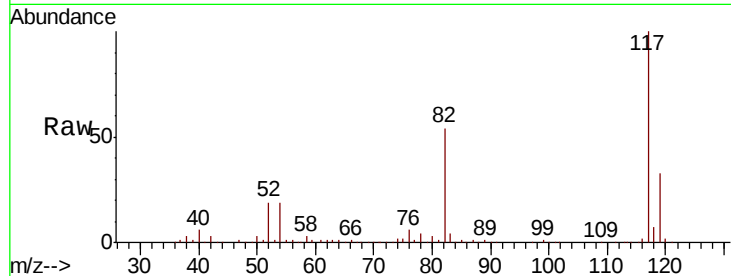




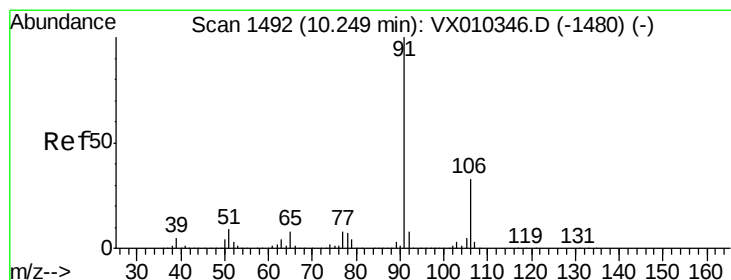
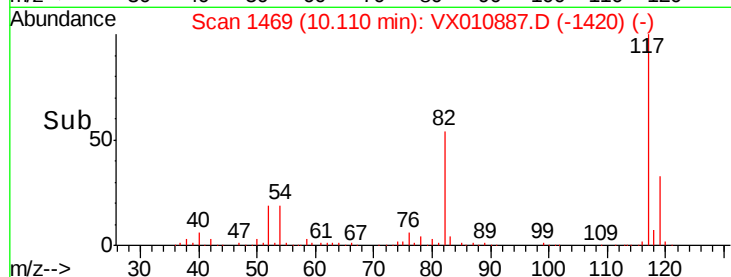
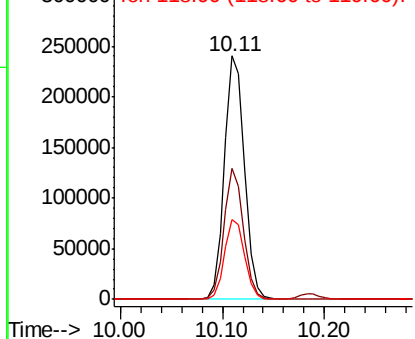
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Instrument :
MSVOA_X
ClientSampleID :
FL-0589DL

Tot Ion:117 Resp: 327772
Ion Ratio Lower Upper
117 100
82 53.6 41.2 61.8
119 32.5 25.5 38.3

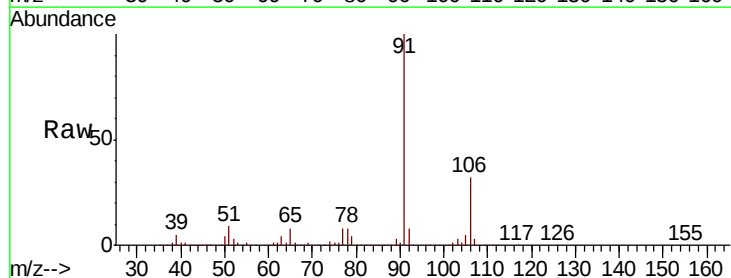


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

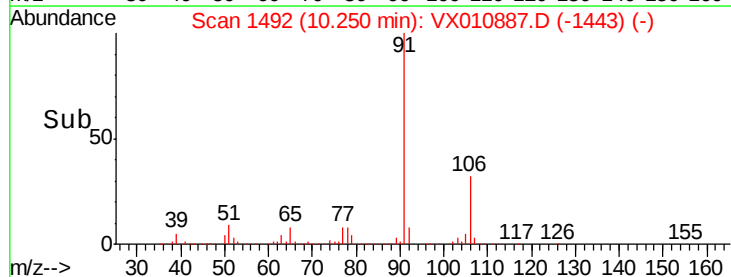
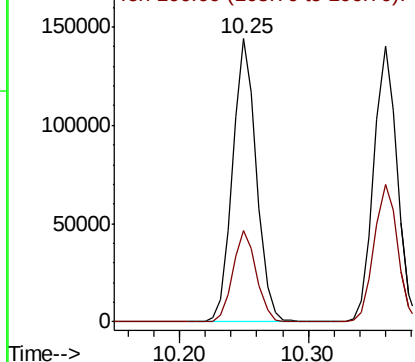


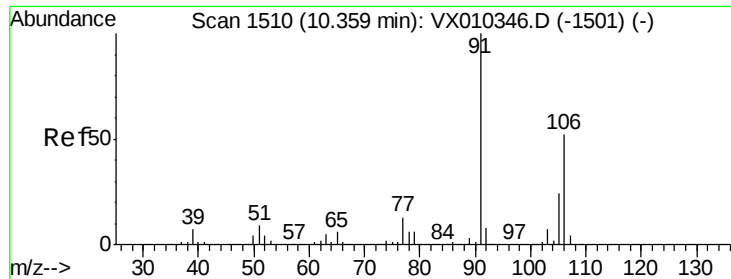
#67
Ethyl Benzene
Concen: 16.581 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Tgt Ion: 91 Resp: 186271
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2



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

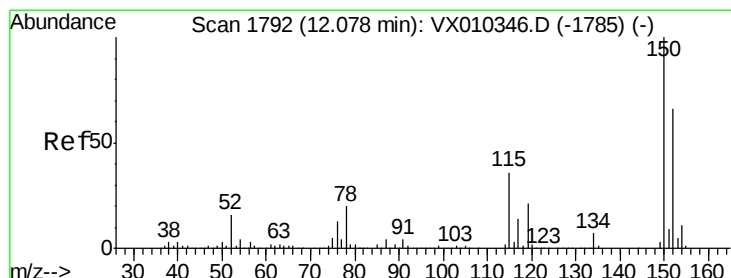
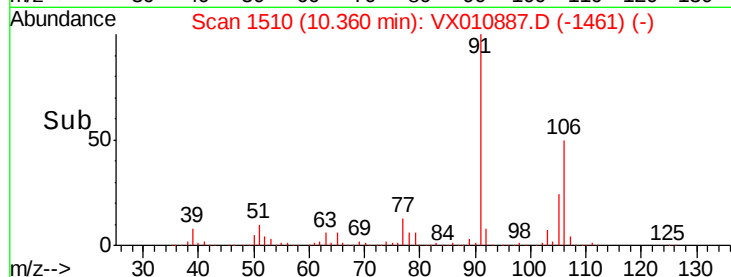
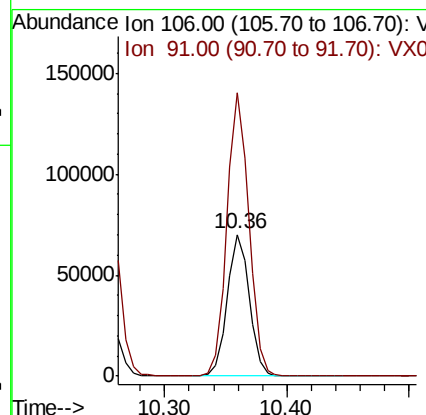
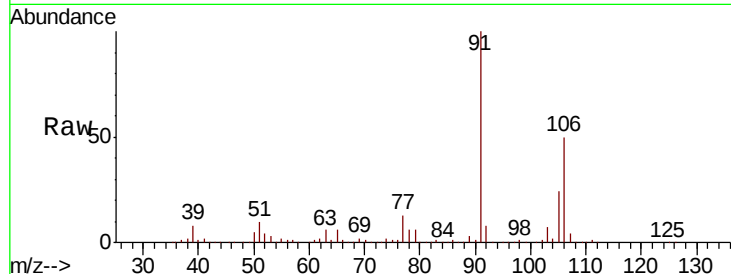




#68
m/p-Xvlenes
Concen: 20.192 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

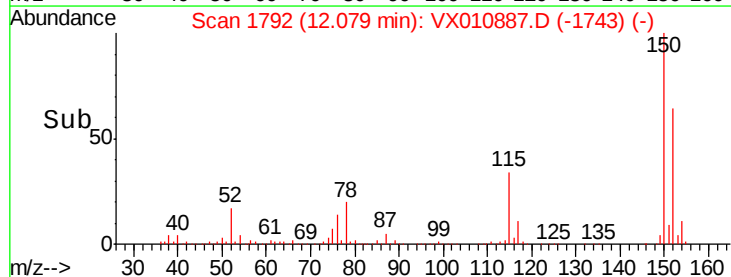
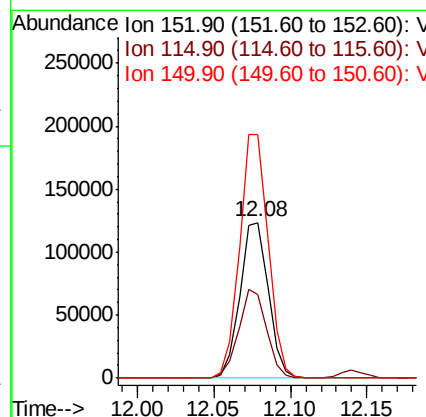
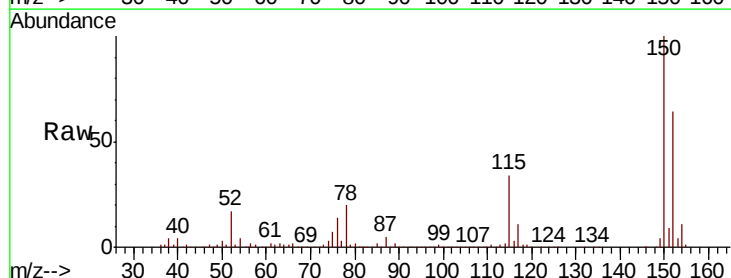
Instrument :
MSVOA_X
ClientSampleId :
FL-0589DL

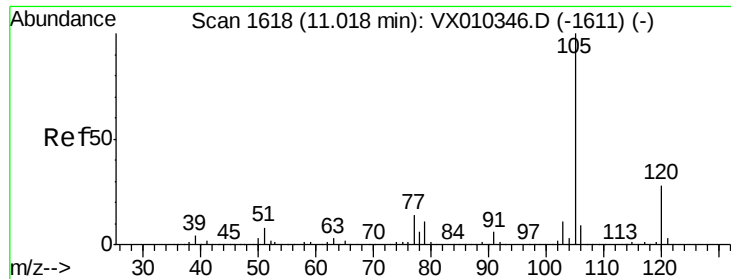
Tot Ion:106 Resp: 87896
Ion Ratio Lower Upper
106 100
91 198.5 155.3 232.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Tgt Ion:152 Resp: 158581
Ion Ratio Lower Upper
152 100
115 55.9 38.6 115.7
150 157.7 0.0 347.4





#73

Isopropylbenzene

Concen: 8.748 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

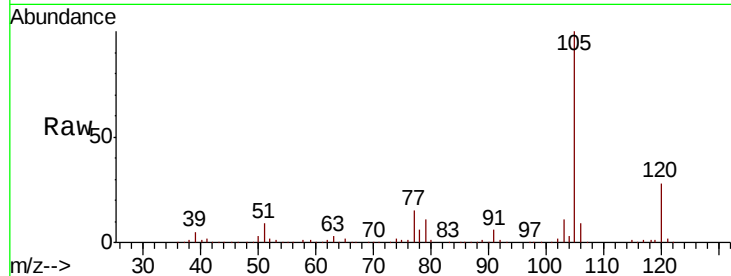
FL-0589DL

Tot Ion:105 Resp: 94041

Ion Ratio Lower Upper

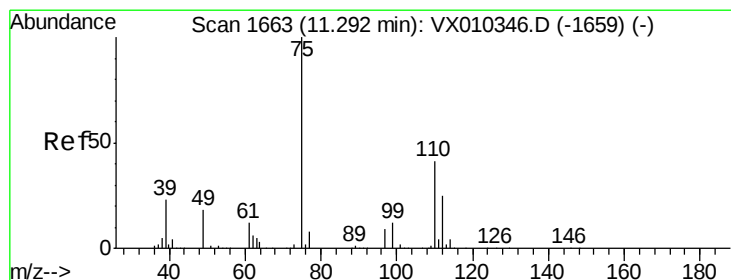
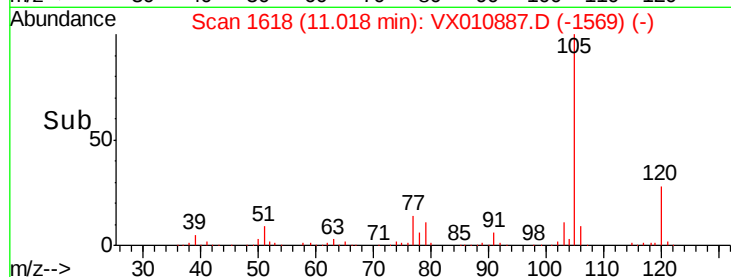
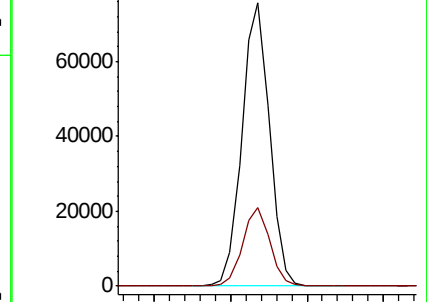
105 100

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: 26.143 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010887.D

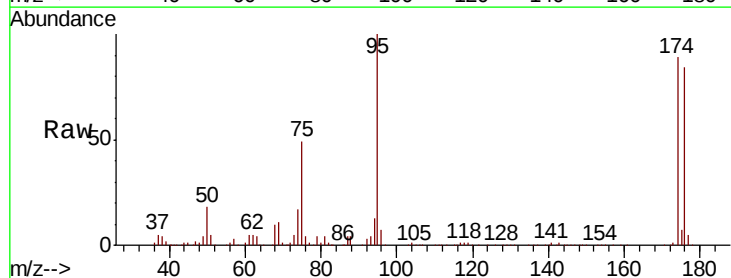
Acq: 15 Jul 2019 16:14

Tgt Ion: 75 Resp: 75548

Ion Ratio Lower Upper

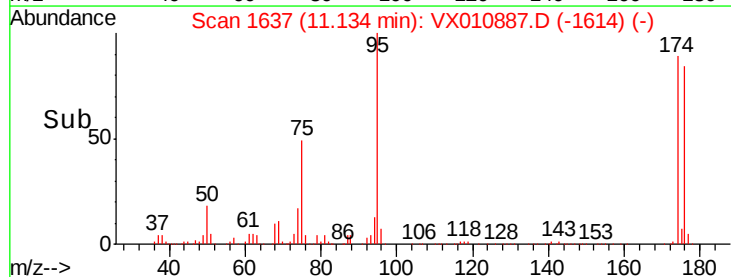
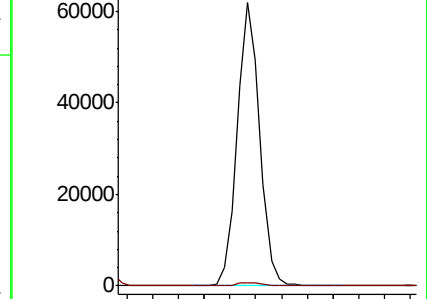
75 100

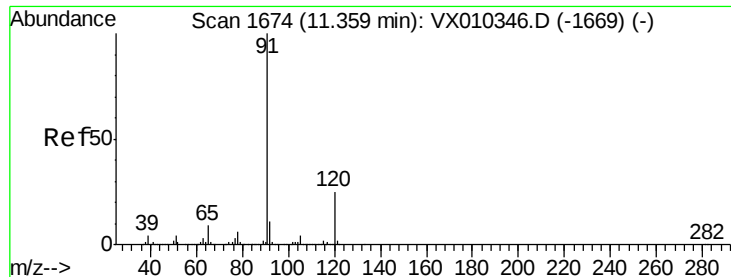
77 1.5 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 10.619 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

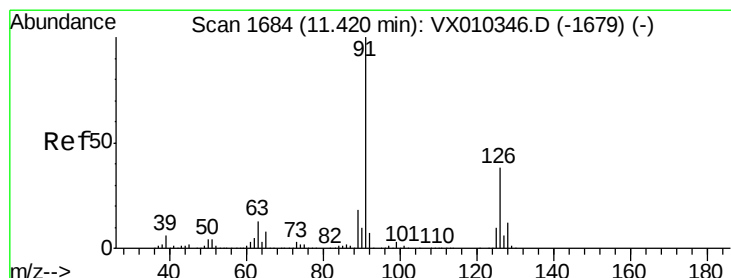
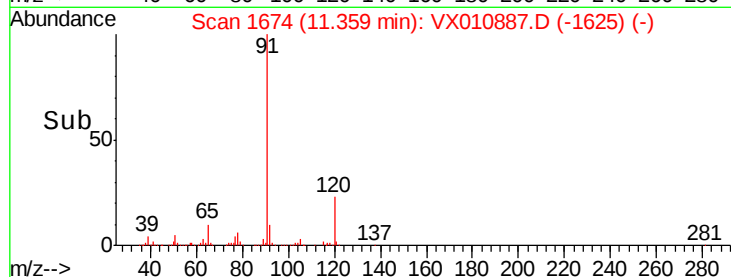
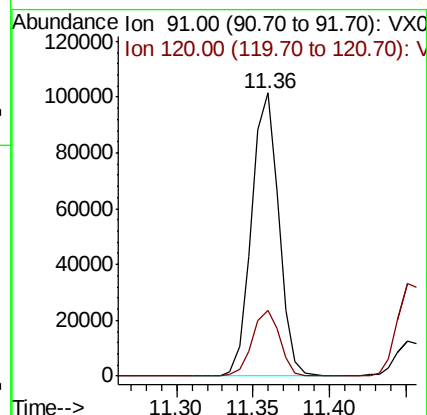
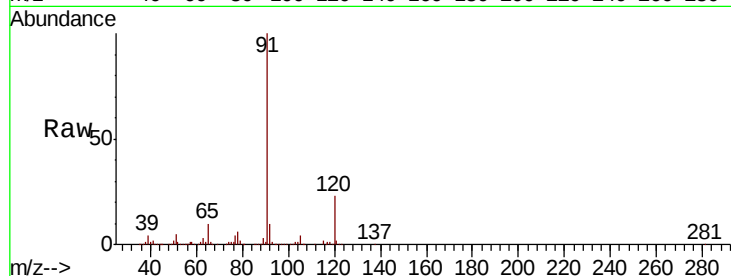
FL-0589DL

Tot Ion: 91 Resp: 125454

Ion Ratio Lower Upper

91 100

120 23.6 12.4 37.4



#79

2-Chlorotoluene

Concen: 2.201 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX010887.D

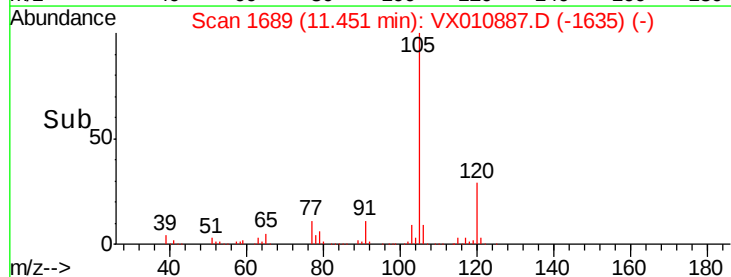
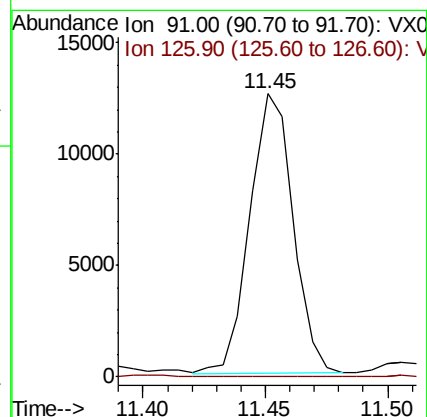
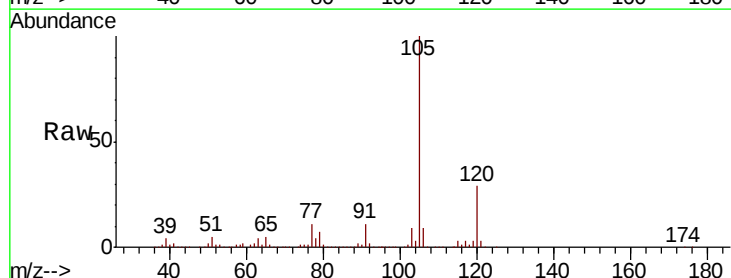
Acq: 15 Jul 2019 16:14

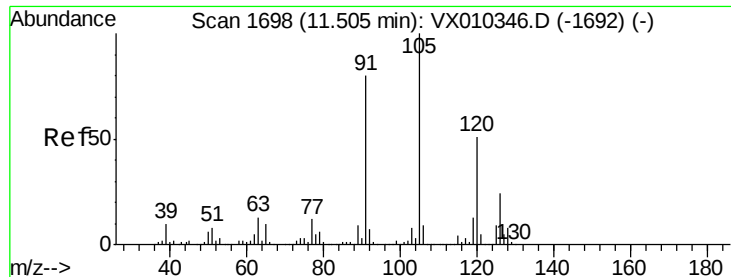
Tgt Ion: 91 Resp: 15484

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 15.629 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.05 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleID :

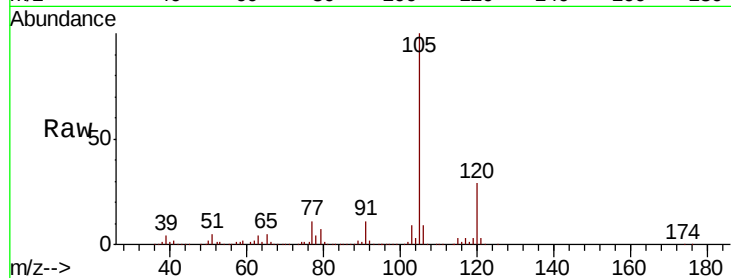
FL-0589DL

Tot Ion:105 Resp: 138503

Ion Ratio Lower Upper

105 100

120 29.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

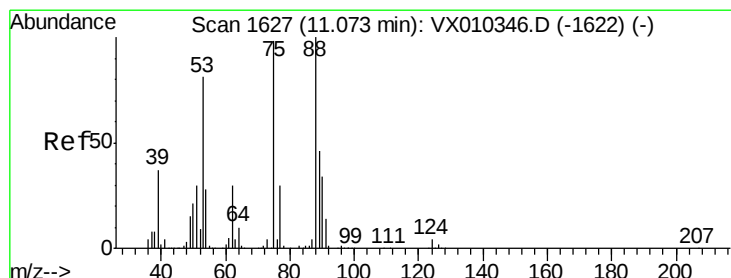
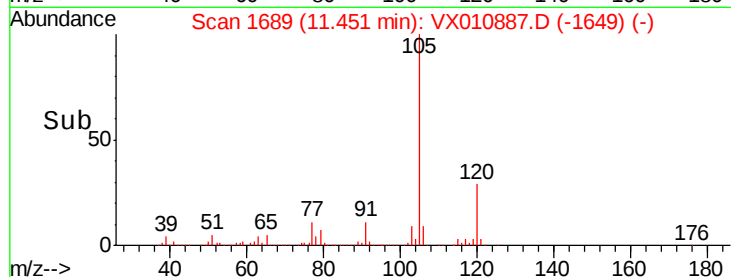
40000

20000

0

11.40 11.45 11.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 60.990 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

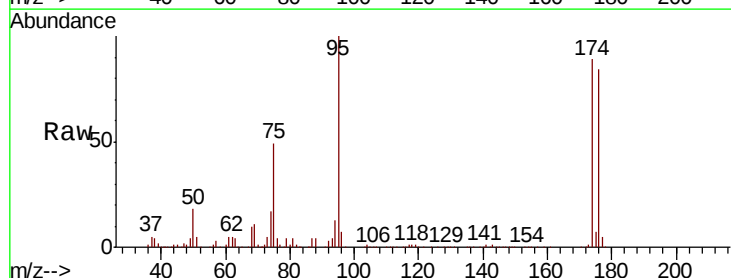
Tgt Ion: 75 Resp: 75548

Ion Ratio Lower Upper

75 100

53 0.0 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

80000

60000

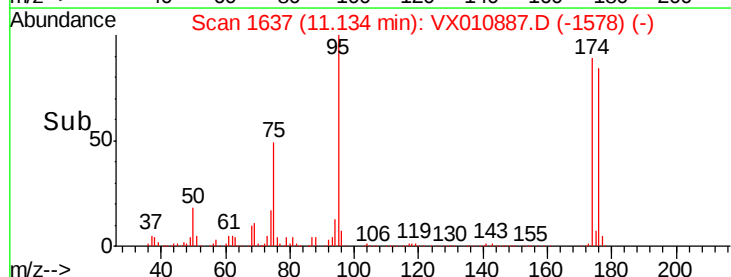
40000

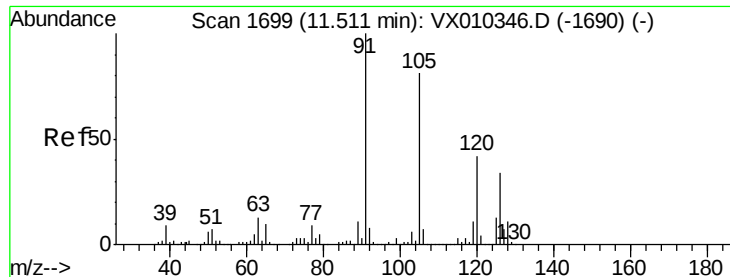
20000

0

11.10 11.20

Time-->





#82

4-Chlorotoluene

Concen: 1.934 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.06 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

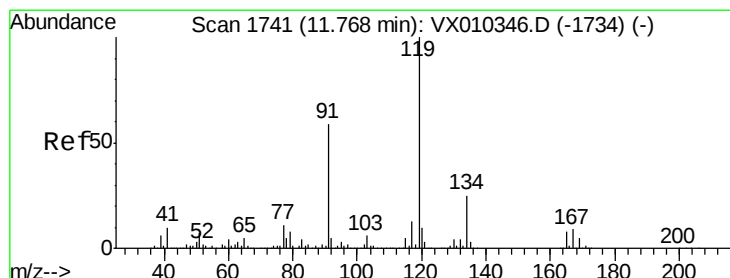
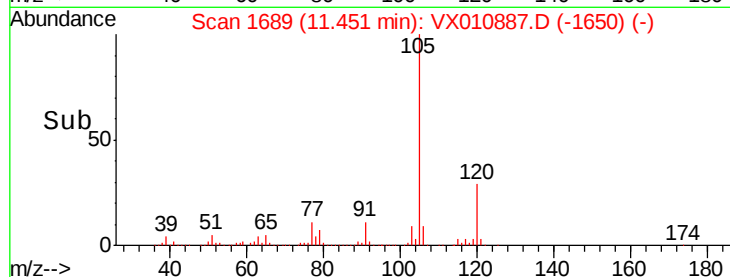
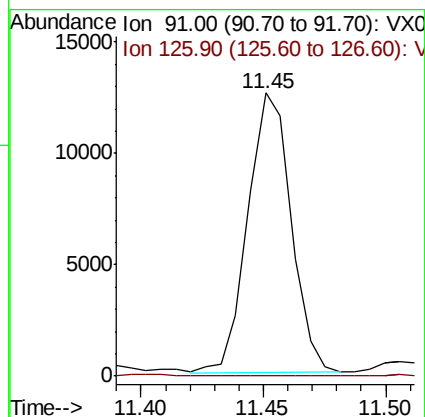
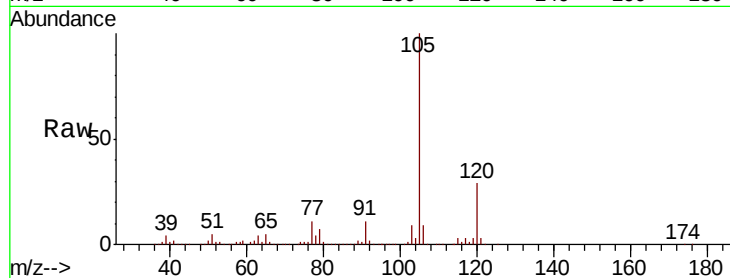
FL-0589DL

Tot Ion: 91 Resp: 15484

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 5.625 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

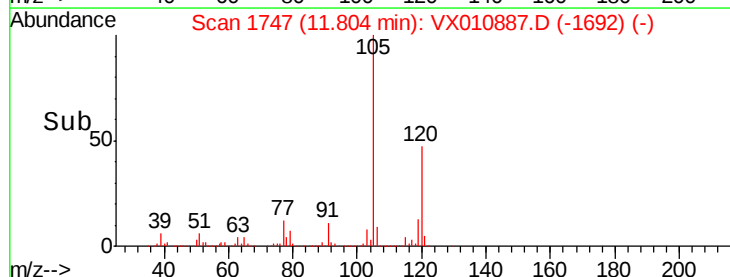
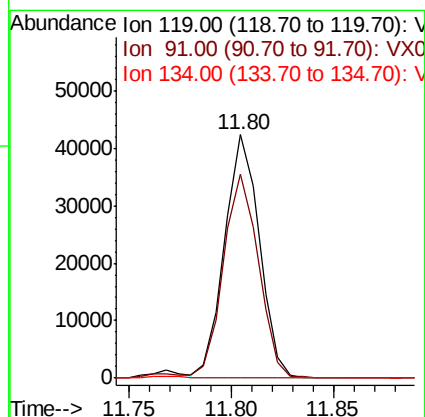
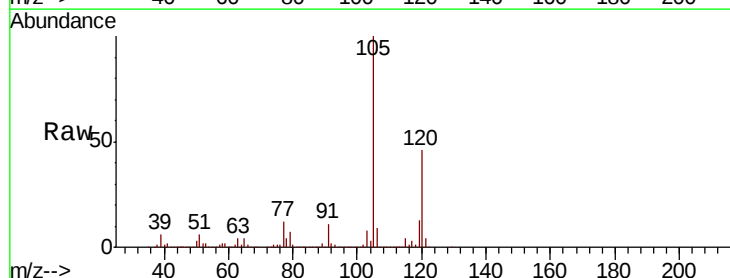
Tgt Ion: 119 Resp: 50036

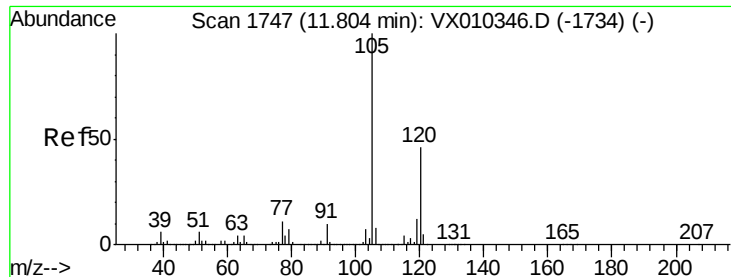
Ion Ratio Lower Upper

119 100

91 84.4 27.6 82.7#

134 0.0 11.8 35.4#

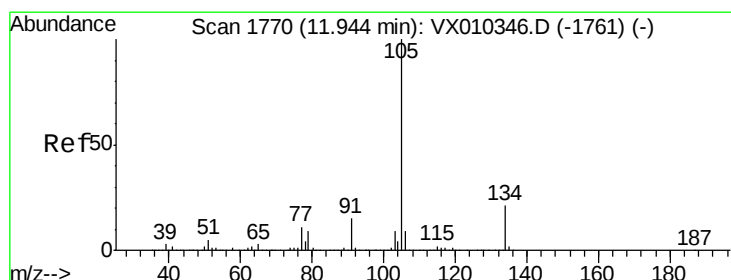
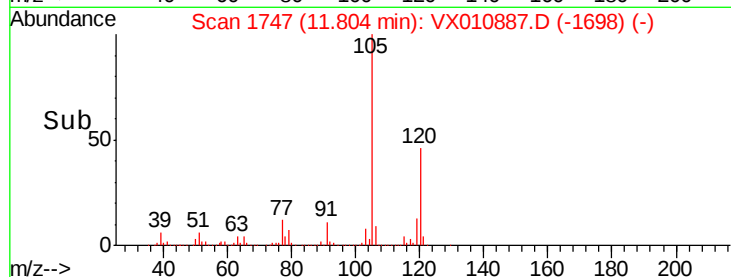
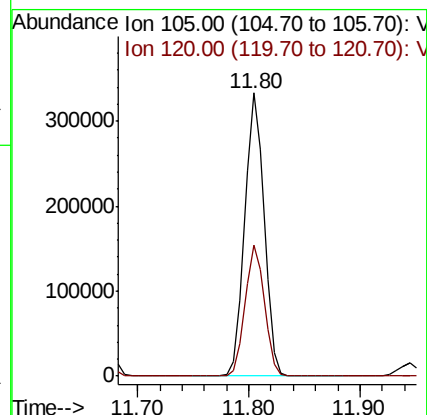
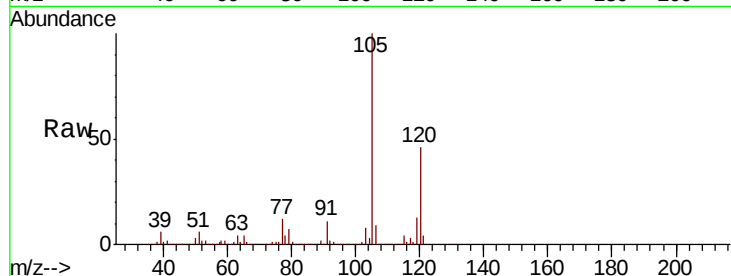




#84
 1,2,4-Trimethylbenzene
 Concen: 45.192 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010887.D
 Acq: 15 Jul 2019 16:14

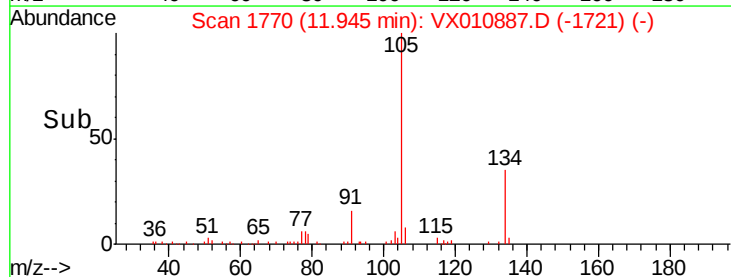
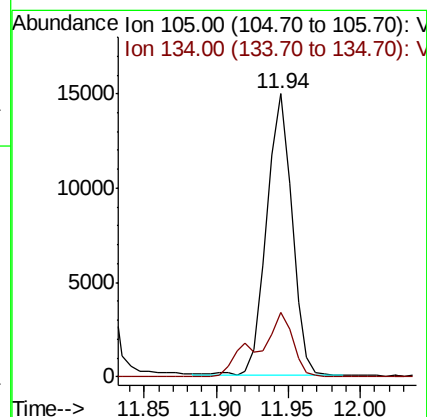
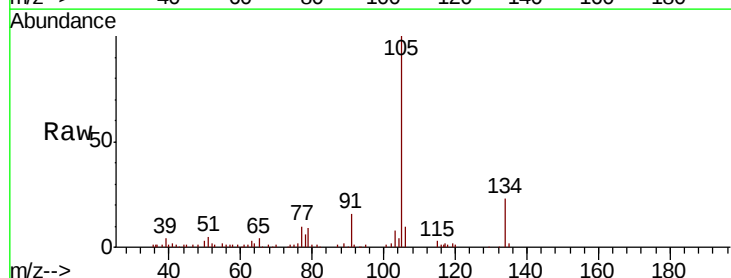
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0589DL

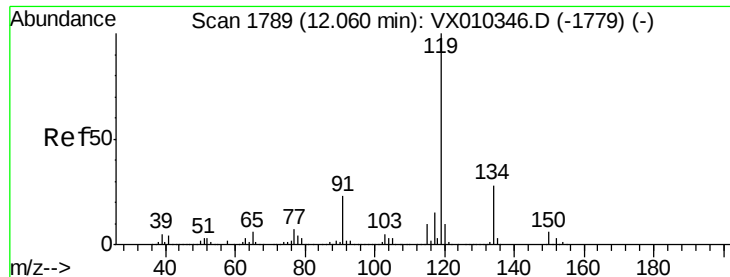
Tot Ion:105 Resp: 402366
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 1.738 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010887.D
 Acq: 15 Jul 2019 16:14

Tgt Ion:105 Resp: 18154
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.7 31.9

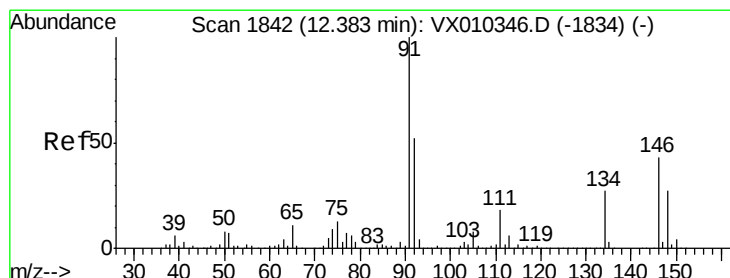
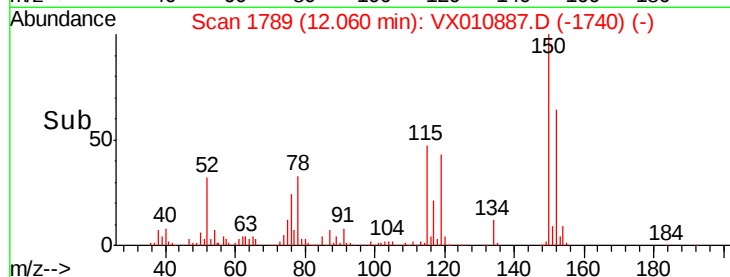
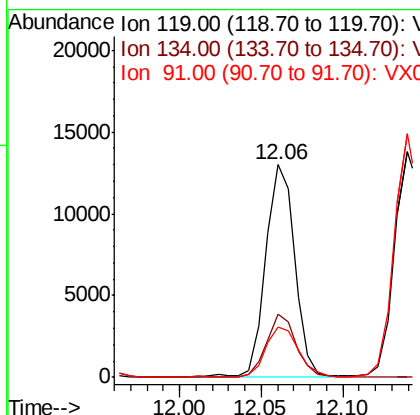
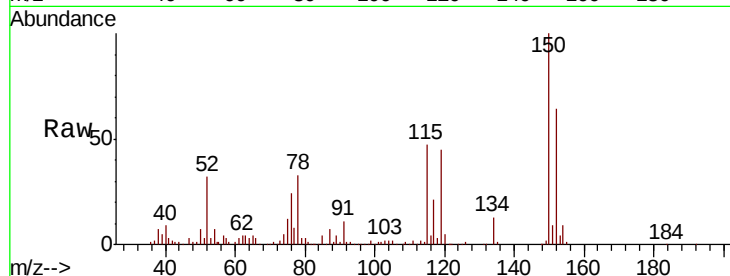




#86
p-Isopropyltoluene
Concen: 1.671 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

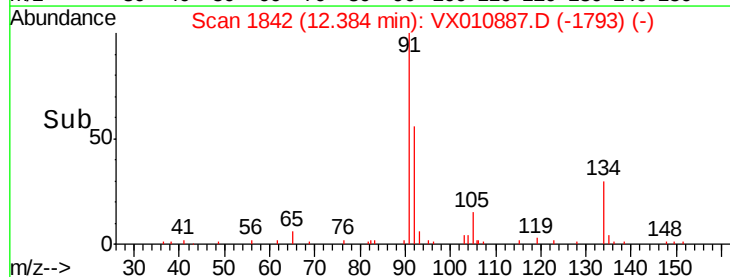
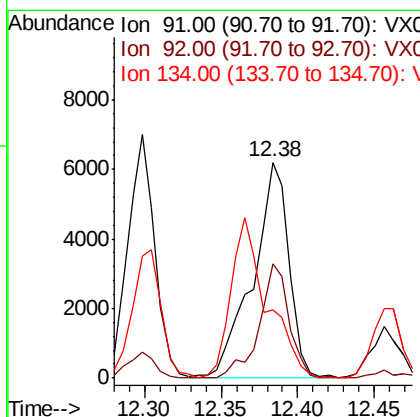
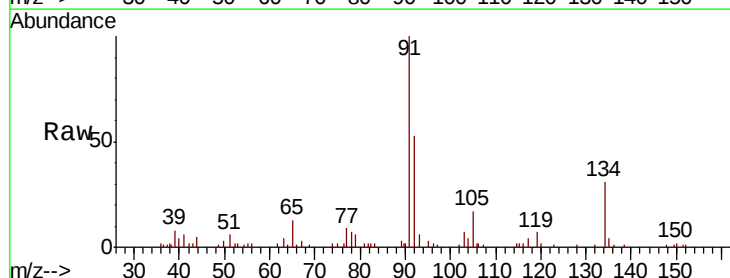
Instrument :
MSVOA_X
ClientSampleID :
FL-0589DL

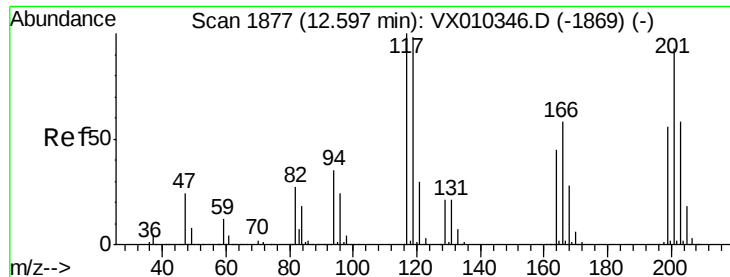
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.4	13.7	41.1
91	26.8	11.3	33.8



#89
n-Butylbenzene
Concen: 1.249 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	43.6	26.2	78.5
134	73.6	14.1	42.4





#90

Hexachloroethane

Concen: 1.539 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

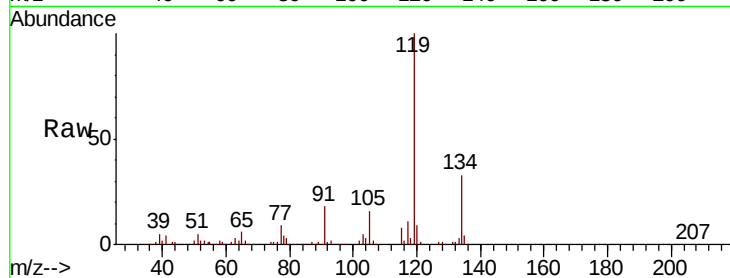
FL-0589DL

Tot Ion:117 Resp: 2571

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

12.58

2000

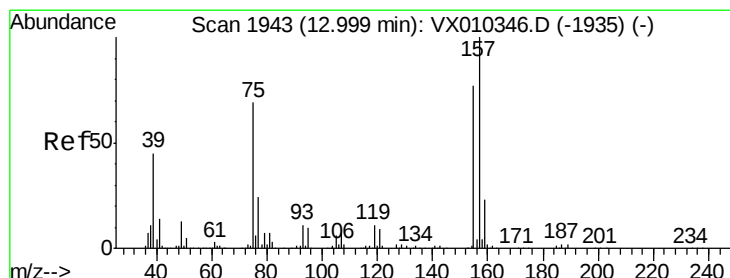
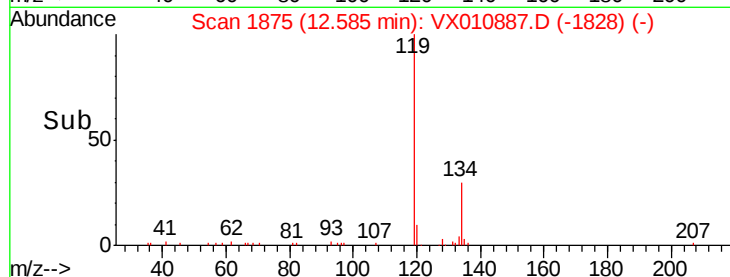
1500

1000

500

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.435 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010887.D

Acq: 15 Jul 2019 16:14

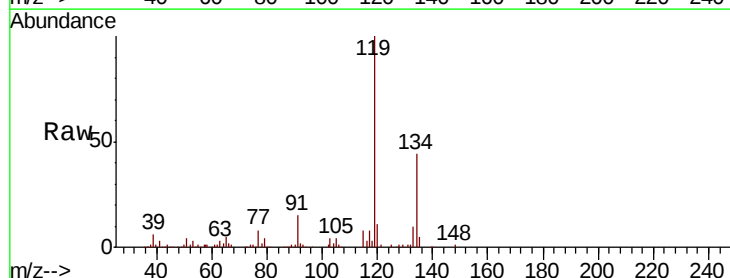
Tgt Ion: 75 Resp: 334

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

13.02

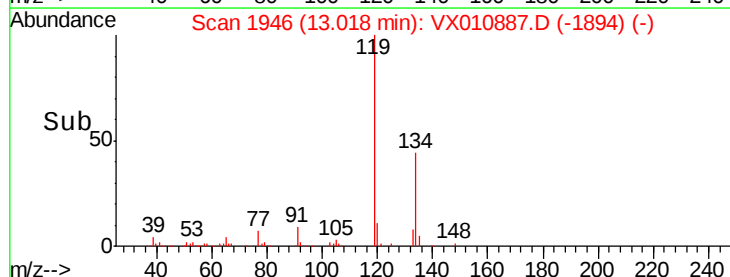
300

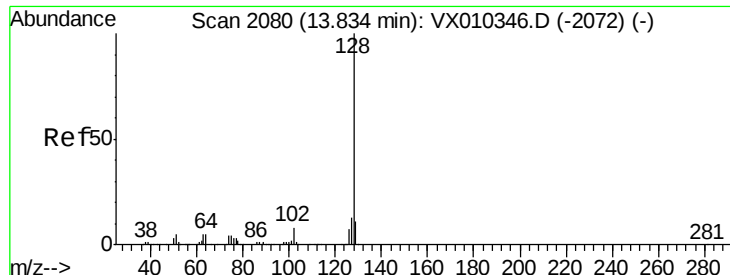
200

100

0

Time-->





#95
Naphthalene
Concen: 6.359 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010887.D
Acq: 15 Jul 2019 16:14

Instrument :
MSVOA_X
ClientSampleId :
FL-0589DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	12.0	8.9	13.3

