

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010487.D
 Acq On : 27 Jun 2019 14:32
 Operator : JC/SP
 Sample : K3565-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0568

Quant Time: Jun 28 06:47:25 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	248376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	348977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118085	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	115856	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	451301	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	159062	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	723	0.360	ug/l #	79
11) Tert butyl alcohol	3.01	59	962	1.579	ug/l #	74
13) Acrolein	2.40	56	15602	38.596	ug/l #	74
14) Allyl chloride	2.84	41	29834	9.761	ug/l #	64
15) Acrylonitrile	3.18	53	4914	4.073	ug/l #	46
16) Acetone	2.39	43	38416	32.916	ug/l #	45
18) Methyl Acetate	2.84	43	72752	31.276	ug/l #	48
20) Methylene Chloride	2.85	84	590	0.246	ug/l #	1
25) 2-Butanone	4.55	43	2200	1.285	ug/l #	46
31) Cyclohexane	5.58	56	214551	63.783	ug/l	96
36) 1,1-Dichloropropene	5.66	75	15642	5.115	ug/l #	48
38) Carbon Tetrachloride	5.66	117	21922	6.620	ug/l #	15
39) Methylcyclohexane	7.46	83	89060	22.155	ug/l	99
40) Benzene	6.15	78	435456	45.704	ug/l	100
42) 1,2-Dichloroethane	6.14	62	3631	1.252	ug/l #	71
43) Isopropyl Acetate	6.45	43	1896	0.364	ug/l #	62
48) Methyl methacrylate	7.74	41	3142	1.299	ug/l #	45
49) 1,4-Dioxane	7.73	88	26	0.373	ug/l #	1
52) Toluene	8.79	92	11790	1.879	ug/l	97
55) 1,1,2-Trichloroethane	9.17	97	3248	1.255	ug/l #	22
56) Ethyl methacrylate	9.15	69	841	0.215	ug/l #	21
67) Ethyl Benzene	10.25	91	1854597	155.055	ug/l	100
68) m/p-Xylenes	10.36	106	759372	163.851	ug/l	100
69) o-Xylene	10.69	106	6485	1.423	ug/l	94
73) Isopropylbenzene	11.02	105	213043	18.303	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	76185	24.348	ug/l #	33
78) n-propylbenzene	11.36	91	283459	22.158	ug/l	99
79) 2-Chlorotoluene	11.45	91	19217	2.523	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	24119	2.514	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.02	75	2438	1.818	ug/l #	52
82) 4-Chlorotoluene	11.45	91	19217	2.217	ug/l #	42
83) tert-Butylbenzene	11.77	119	6924	0.719	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	800250	83.010	ug/l	98
85) sec-Butylbenzene	11.80	105	800250	70.769	ug/l #	55

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

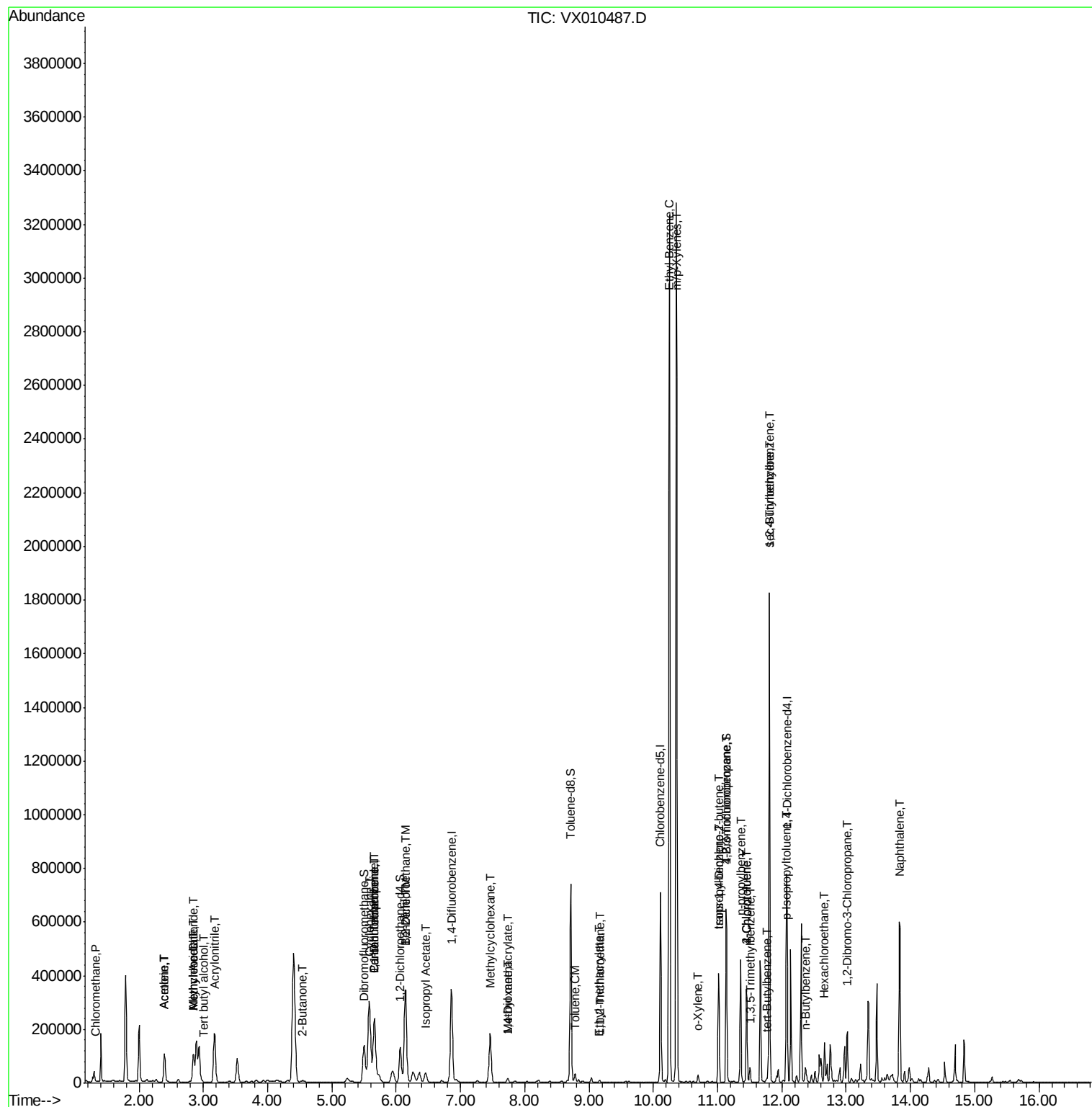
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	15899	1.520	ug/l	97
89) n-Butylbenzene	12.38	91	10946	1.232	ug/l #	53
90) Hexachloroethane	12.66	117	6757	3.736	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	713	0.858	ug/l #	1
95) Naphthalene	13.83	128	395586	32.921	ug/l	100

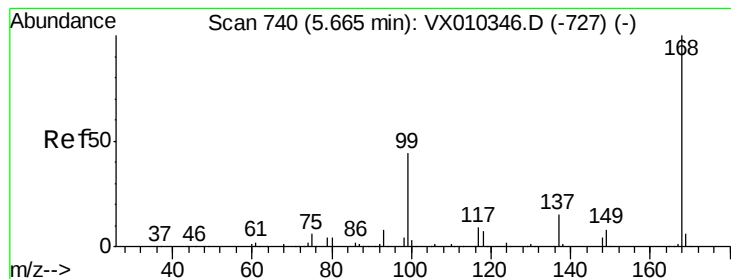
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

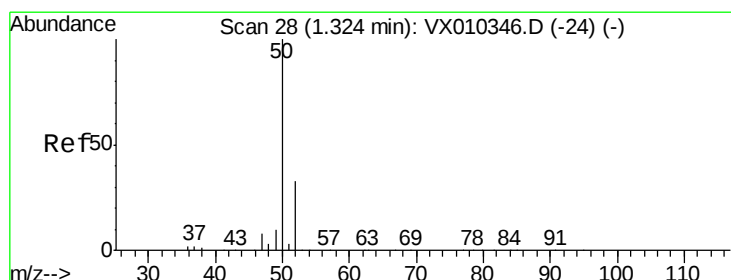
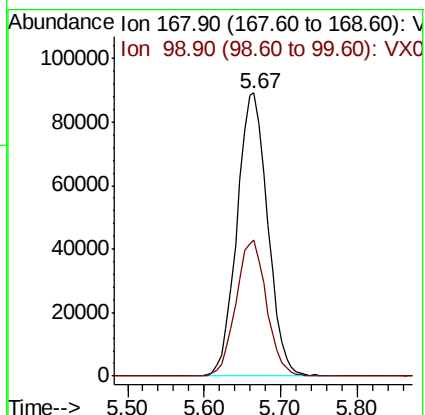
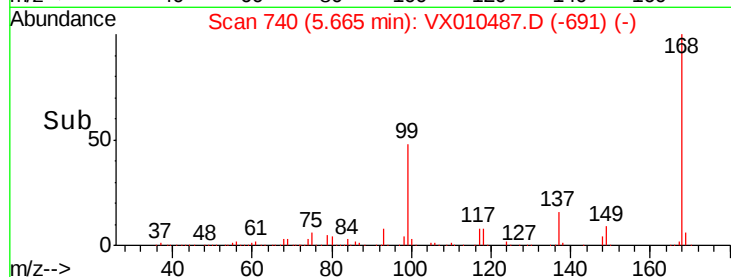
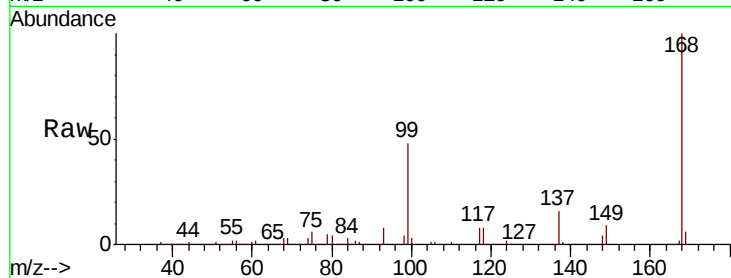
FL-0568

Tot Ion:168 Resp: 248376

Ion Ratio Lower Upper

168 100

99 48.1 35.5 53.3



#3

Chloromethane

Concen: 0.360 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010487.D

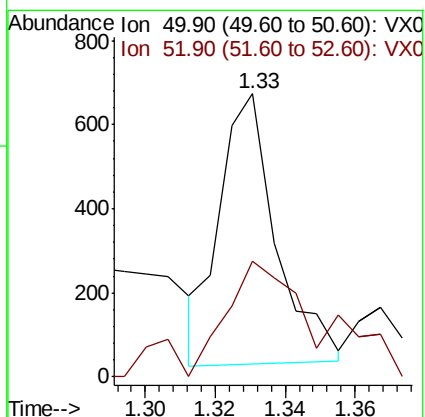
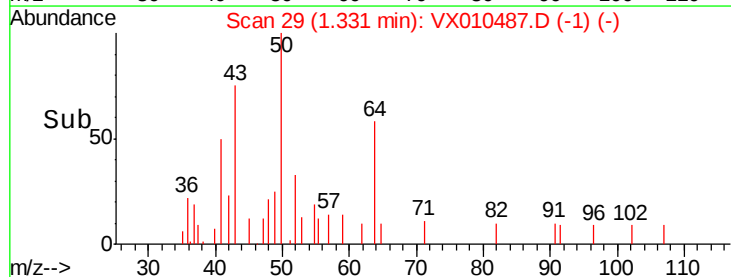
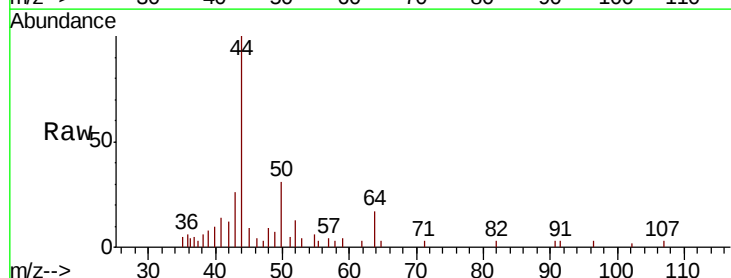
Acq: 27 Jun 2019 14:32

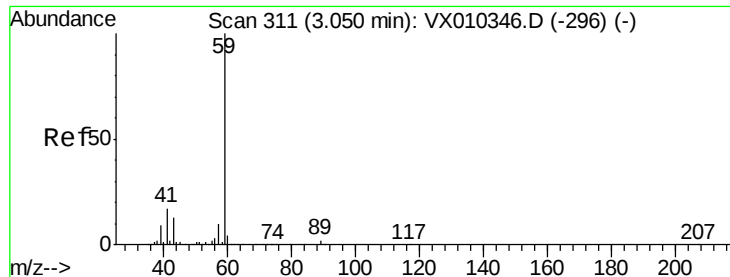
Tgt Ion: 50 Resp: 723

Ion Ratio Lower Upper

50 100

52 44.8 26.5 39.7#





#11

Tert butyl alcohol

Concen: 1.579 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

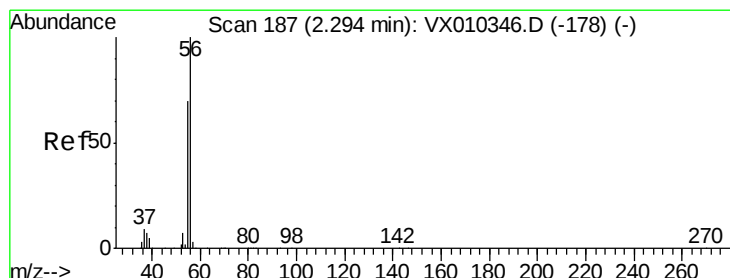
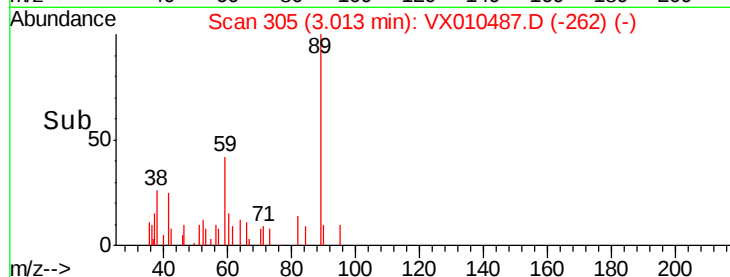
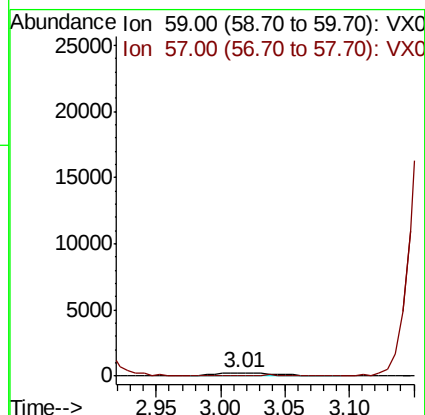
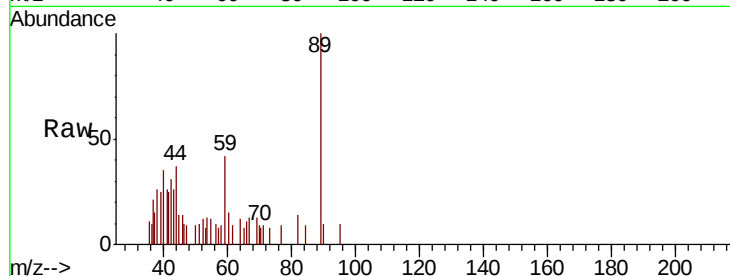
FL-0568

Tot Ion: 59 Resp: 962

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#13

Acrolein

Concen: 38.596 ug/l

RT: 2.40 min Scan# 204

Delta R.T. 0.10 min

Lab File: VX010487.D

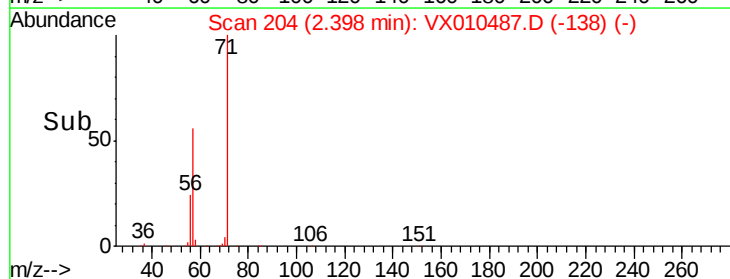
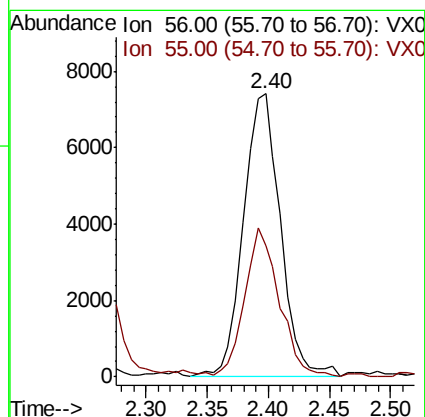
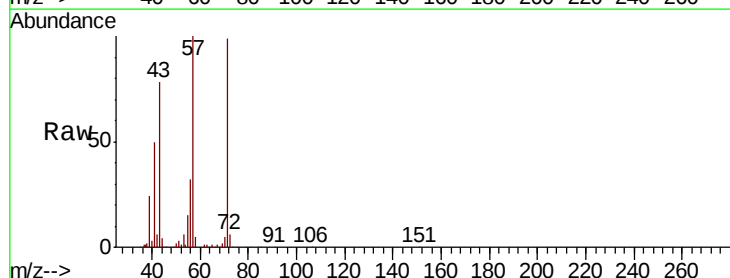
Acq: 27 Jun 2019 14:32

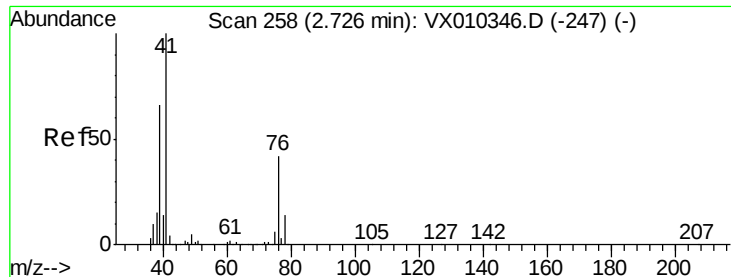
Tgt Ion: 56 Resp: 15602

Ion Ratio Lower Upper

56 100

55 49.2 56.9 85.3#





#14

Allvl chloride

Concen: 9.761 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

FL-0568

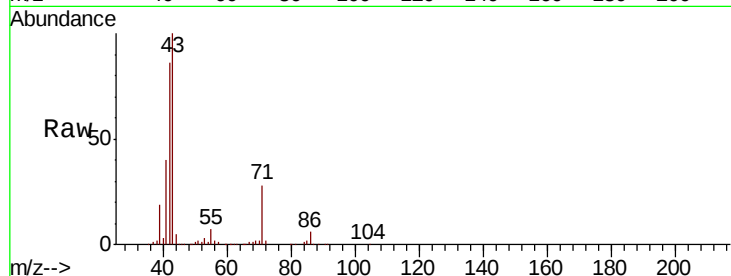
Tot Ion: 41 Resp: 29834

Ion Ratio Lower Upper

41 100

39 49.0 50.3 75.5#

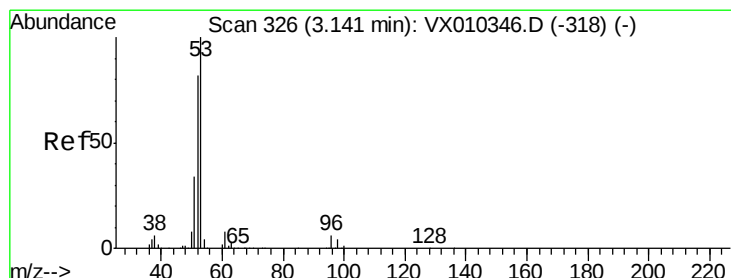
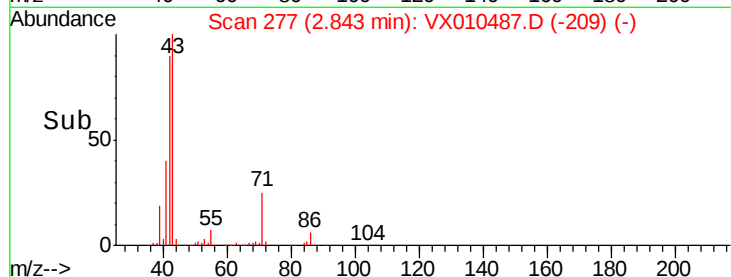
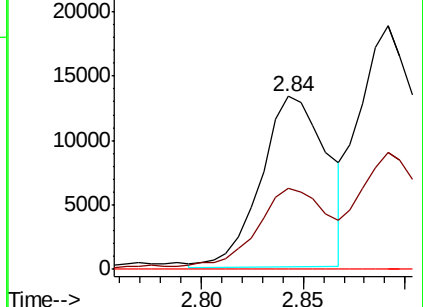
76 0.1 31.3 46.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 4.073 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

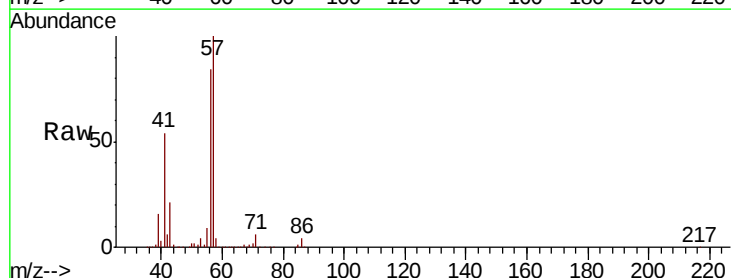
Tgt Ion: 53 Resp: 4914

Ion Ratio Lower Upper

53 100

52 25.4 65.5 98.3#

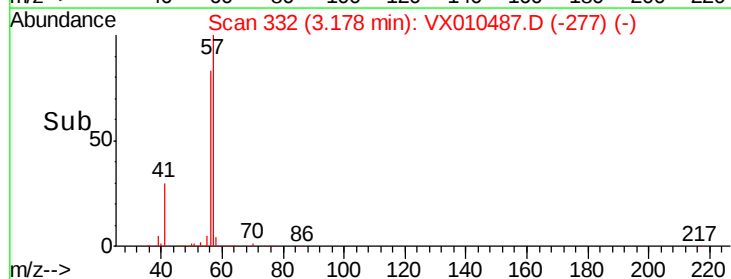
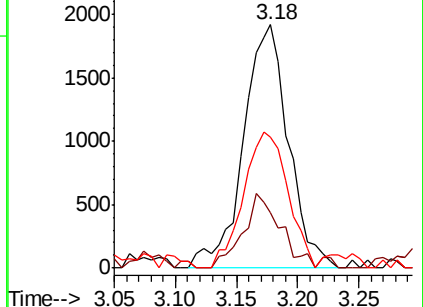
51 55.0 28.2 42.4#

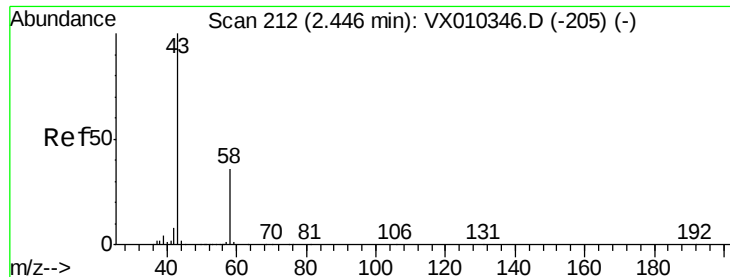


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 32.916 ug/l

RT: 2.39 min Scan# 203

Delta R.T. -0.05 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

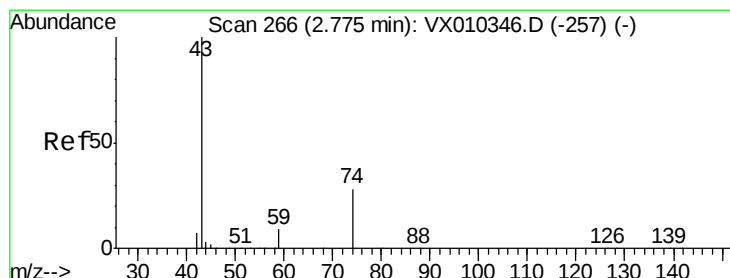
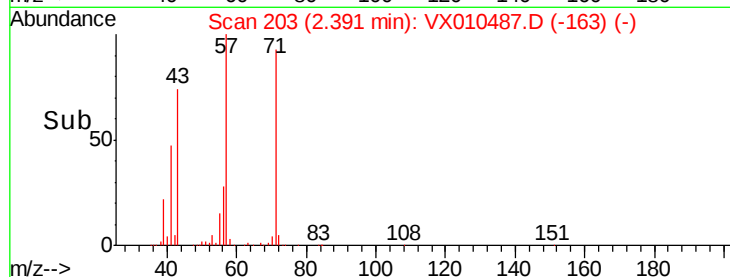
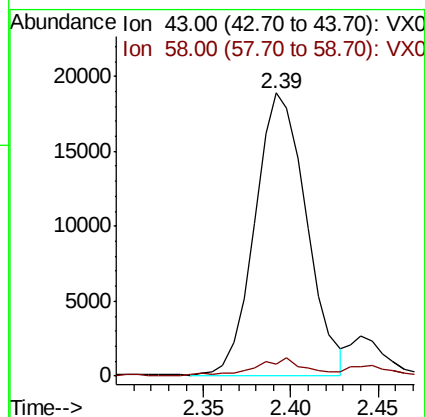
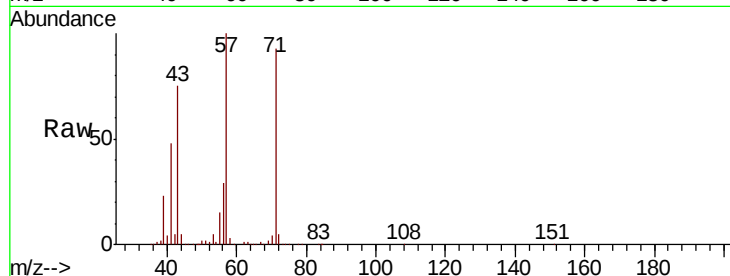
FL-0568

Tot Ion: 43 Resp: 38416

Ion Ratio Lower Upper

43 100

58 3.8 28.9 43.3#



#18

Methyl Acetate

Concen: 31.276 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010487.D

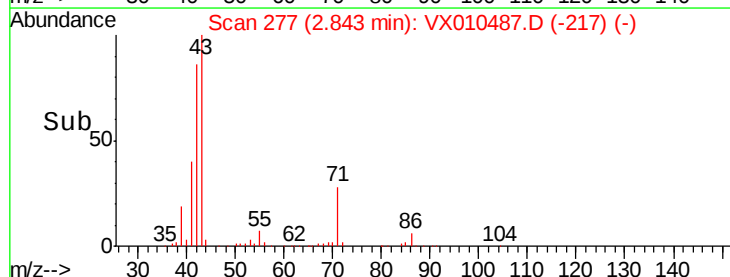
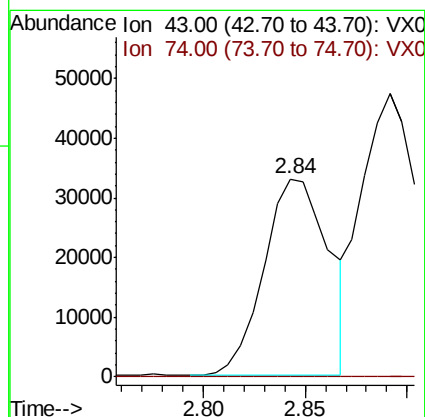
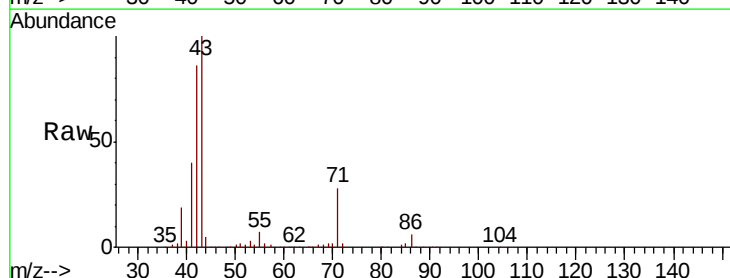
Acq: 27 Jun 2019 14:32

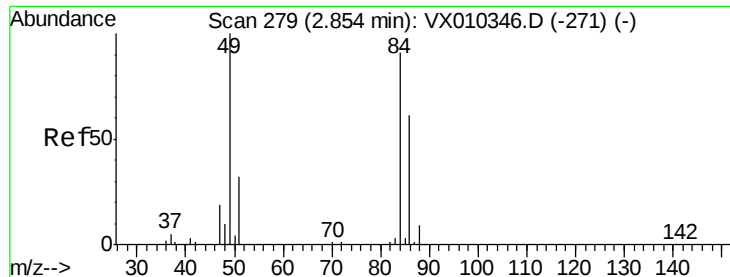
Tgt Ion: 43 Resp: 72752

Ion Ratio Lower Upper

43 100

74 0.0 21.3 31.9#

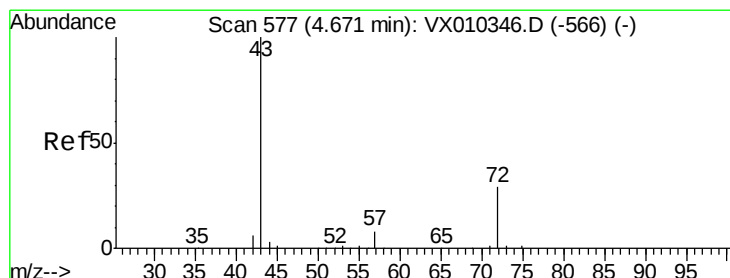
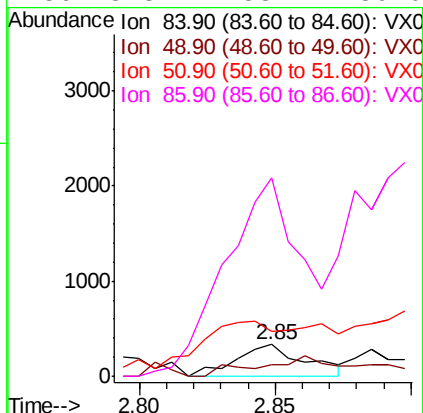
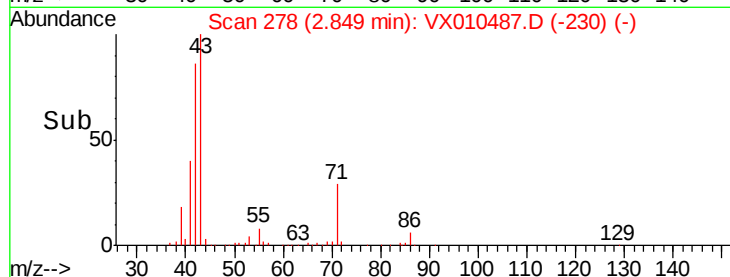
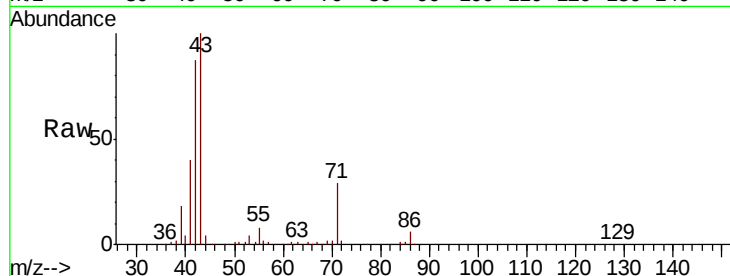




#20
Methvlene Chloride
Concen: 0.246 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

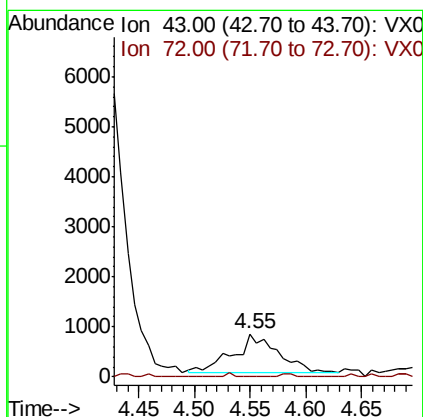
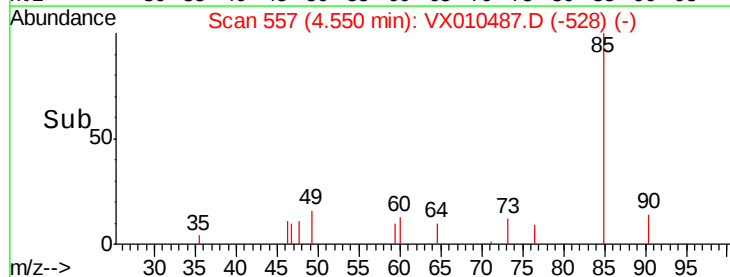
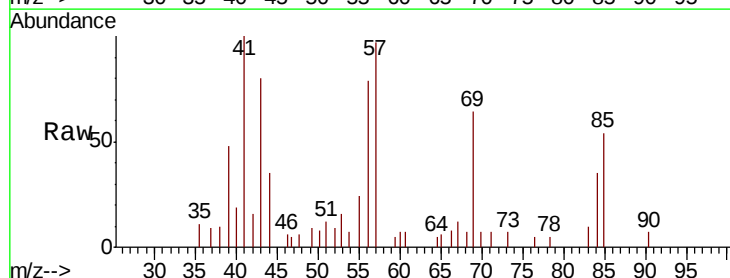
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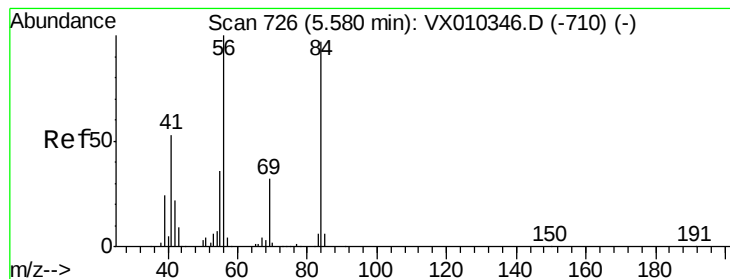
Tot Ion: 84 Resp: 590
Ion Ratio Lower Upper
84 100
49 36.7 87.5 131.3#
51 79.1 27.7 41.5#
86 528.1 53.4 80.0#



#25
2-Butanone
Concen: 1.285 ug/l
RT: 4.55 min Scan# 557
Delta R.T. -0.12 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

Tgt Ion: 43 Resp: 2200
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#





#31

Cyclohexane

Concen: 63.783 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0568

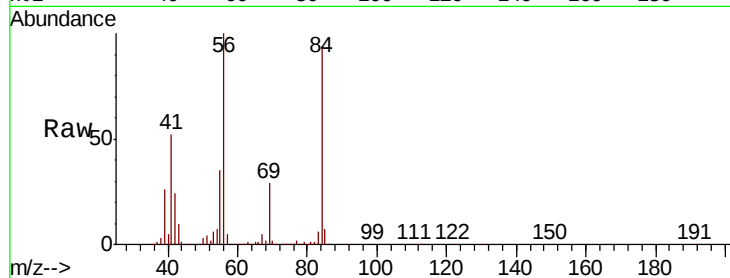
Tot Ion: 56 Resp: 214551

Ion Ratio Lower Upper

56 100

69 28.9 25.9 38.9

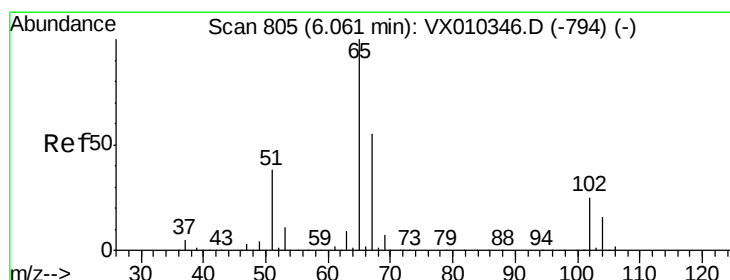
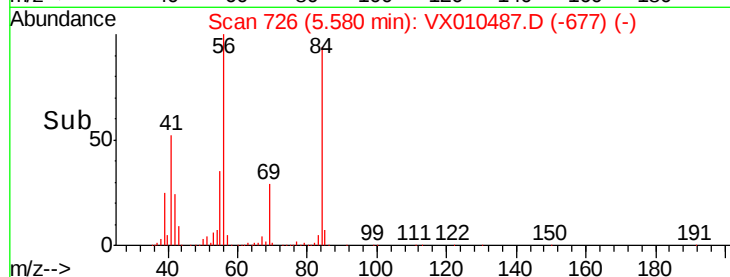
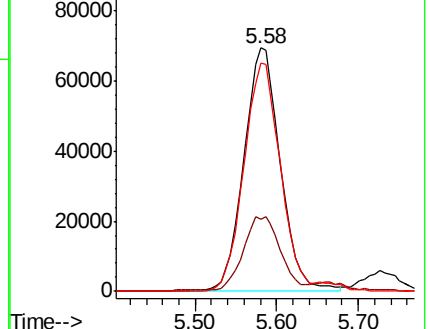
84 93.7 78.0 117.0



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: 50.707 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010487.D

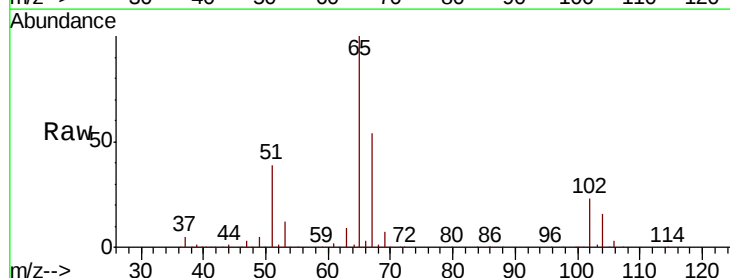
Acq: 27 Jun 2019 14:32

Tgt Ion: 65 Resp: 118085

Ion Ratio Lower Upper

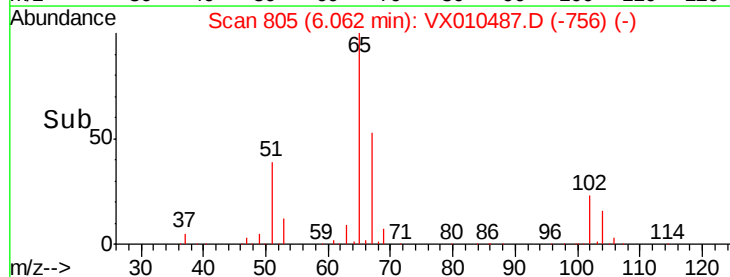
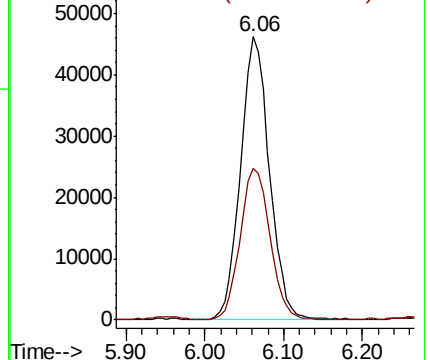
65 100

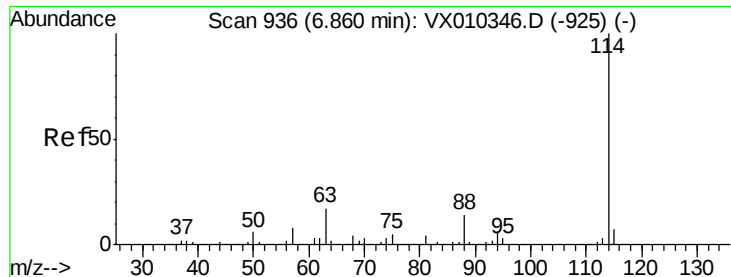
67 55.2 0.0 110.2



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: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0568

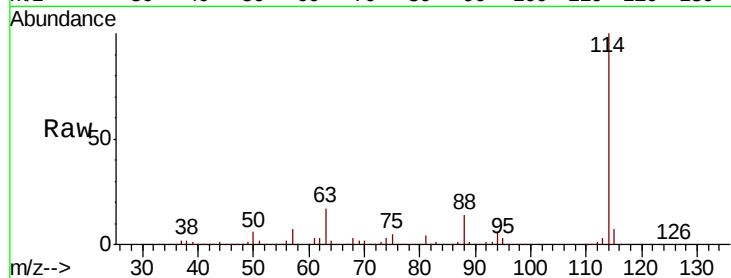
Tot Ion:114 Resp: 384848

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

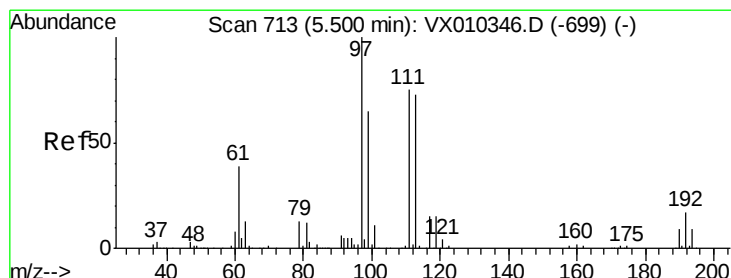
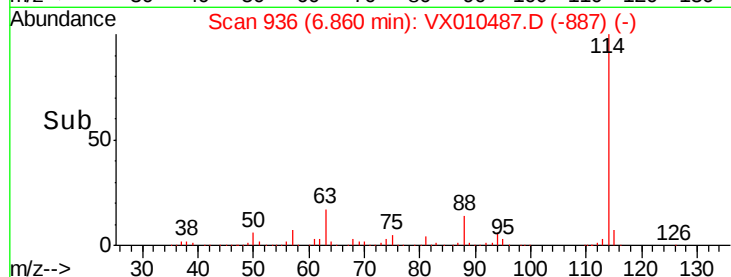
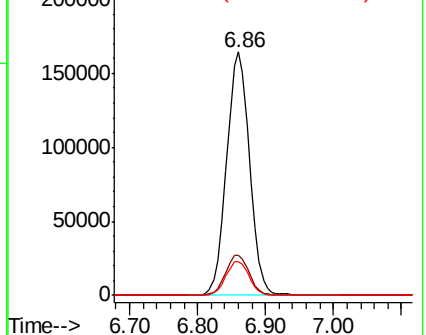
88 14.0 0.0 27.6



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



#35

Dibromofluoromethane

Concen: 49.203 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

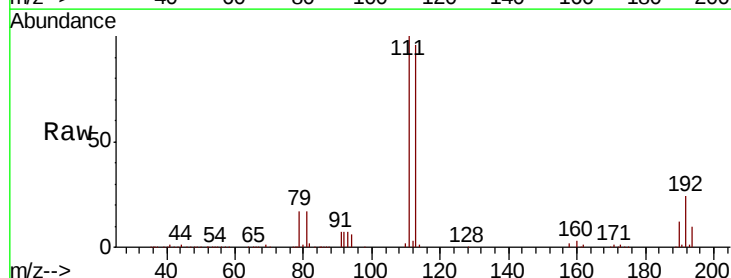
Tgt Ion:113 Resp: 115856

Ion Ratio Lower Upper

113 100

111 100.7 81.2 121.8

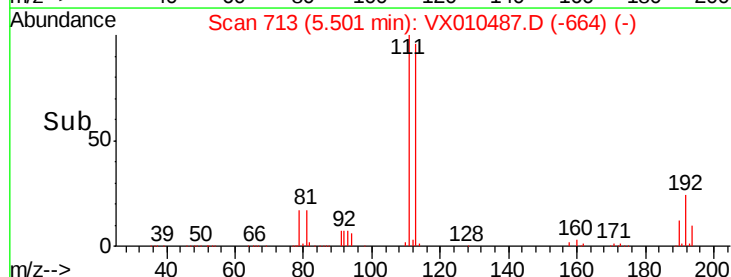
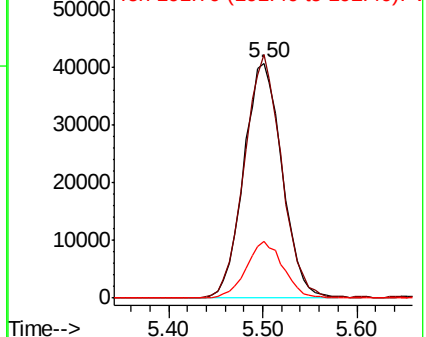
192 23.1 18.6 27.8

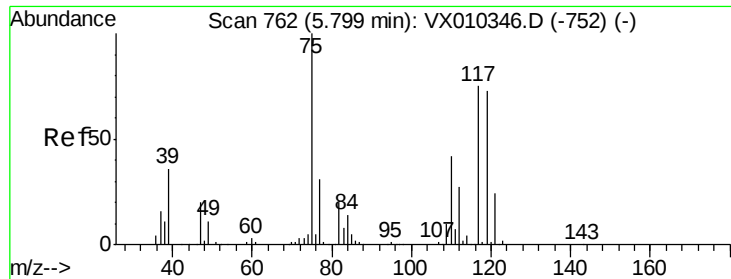


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

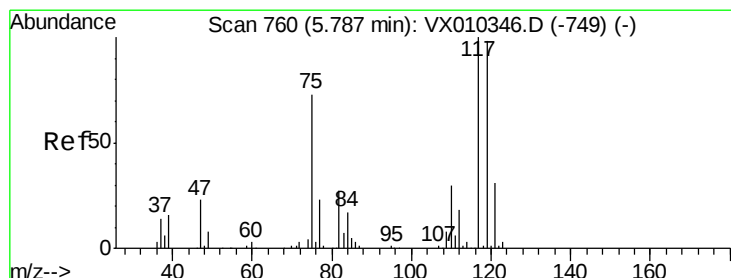
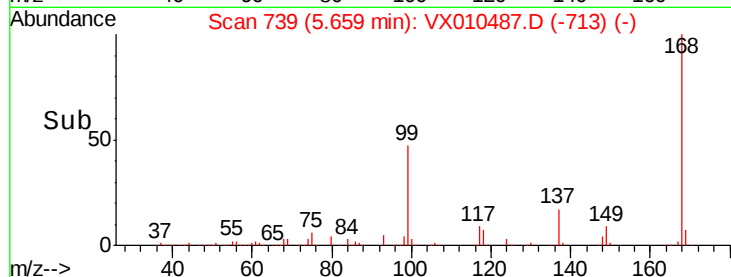
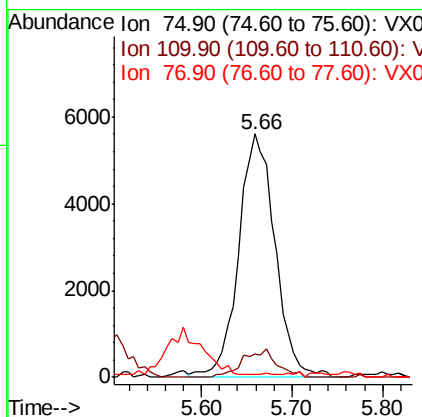
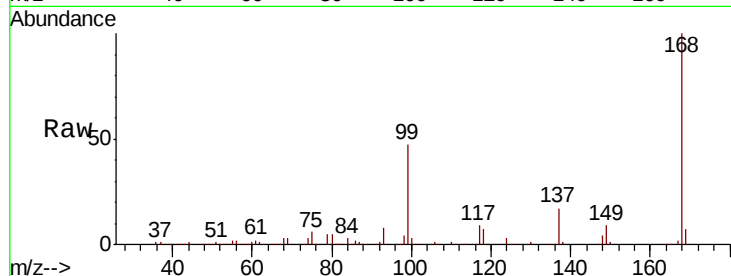




#36
 1,1-Dichloropropene
 Concen: 5.115 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010487.D
 Acq: 27 Jun 2019 14:32

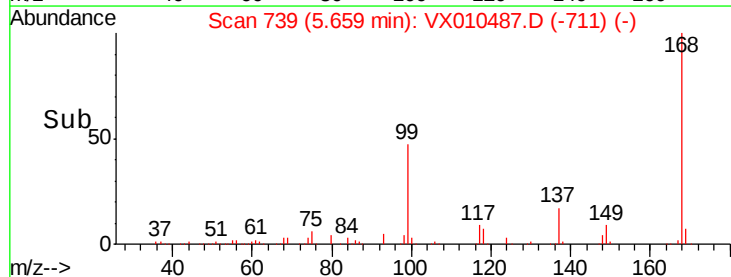
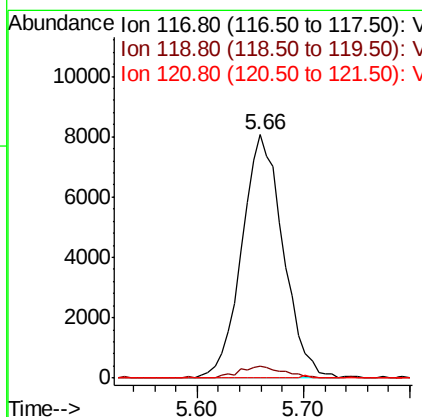
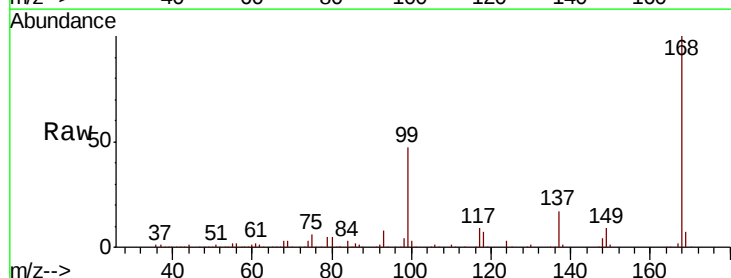
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0568

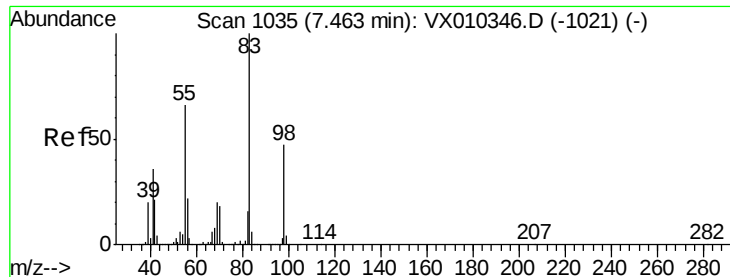
Tot Ion: 75 Resp: 15642
 Ion Ratio Lower Upper
 75 100
 110 10.7 20.8 62.2#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.620 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010487.D
 Acq: 27 Jun 2019 14:32

Tgt Ion: 117 Resp: 21922
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.2 117.4#
 121 0.0 24.7 37.1#

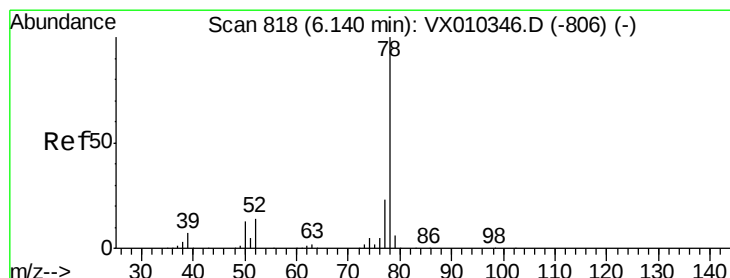
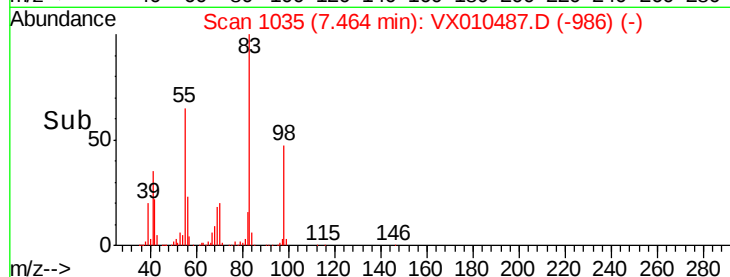
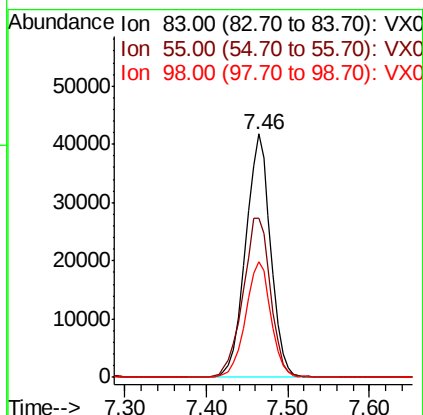
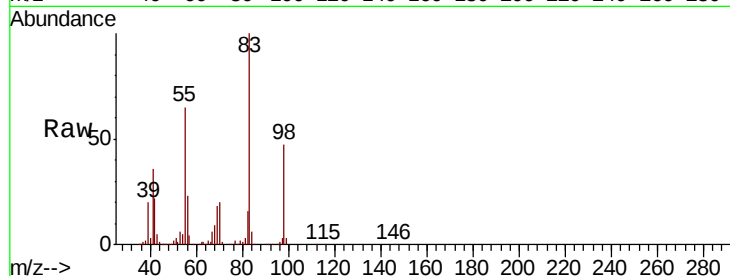




#39
Methvlcvclohexane
Concen: 22.155 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

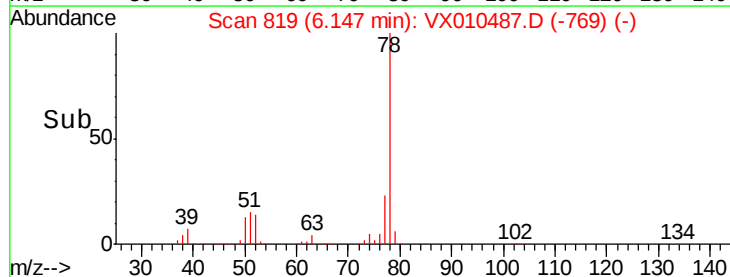
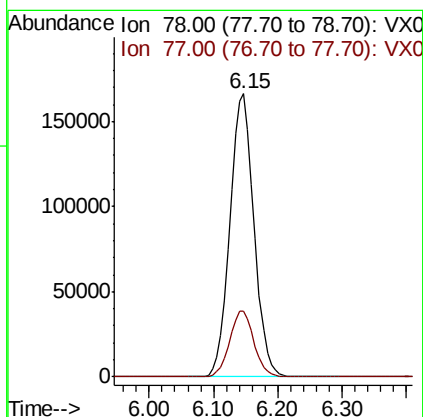
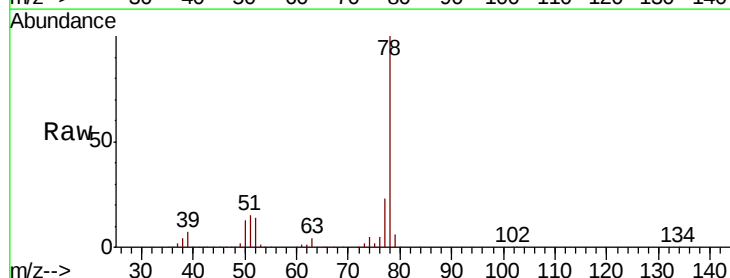
Instrument :
MSVOA_X
ClientSampled :
FL-0568

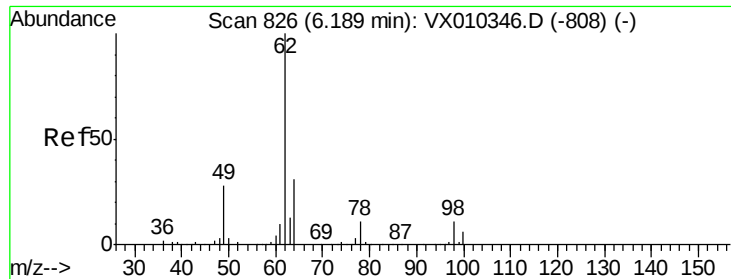
Tot Ion: 83 Resp: 89060
Ion Ratio Lower Upper
83 100
55 65.1 53.0 79.6
98 47.4 37.8 56.8



#40
Benzene
Concen: 45.704 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

Tgt Ion: 78 Resp: 435456
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0





#42

1,2-Dichloroethane

Concen: 1.252 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.05 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

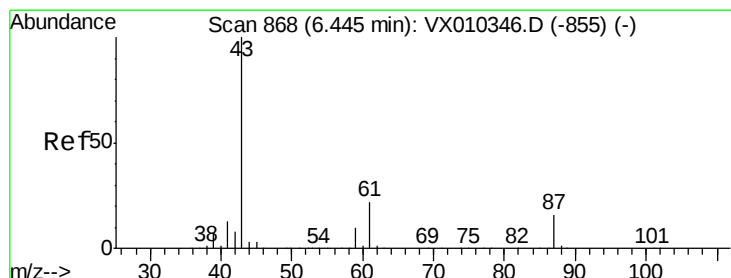
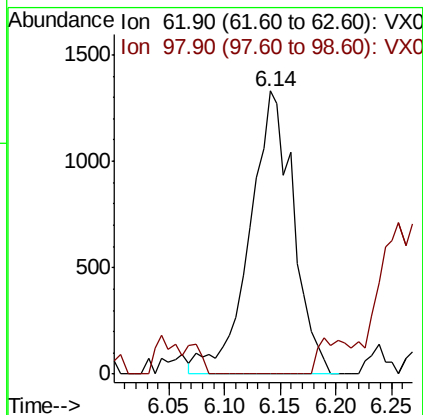
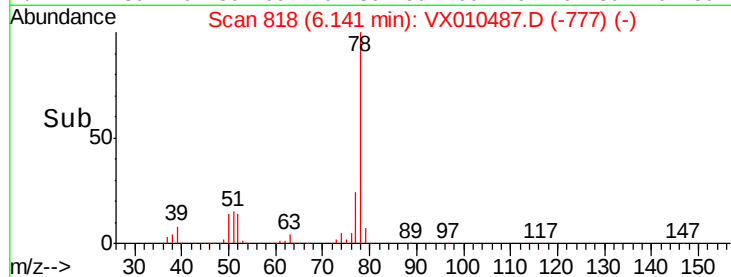
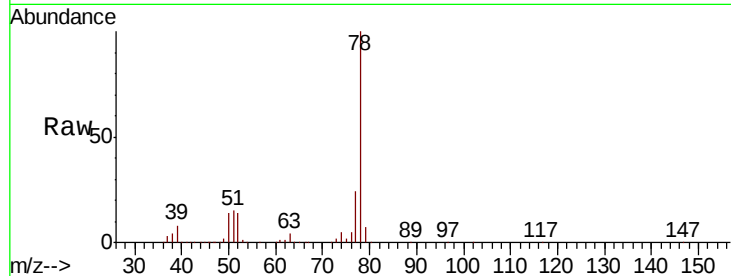
FL-0568

Tot Ion: 62 Resp: 3631

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.2



#43

Isopropyl Acetate

Concen: 0.364 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

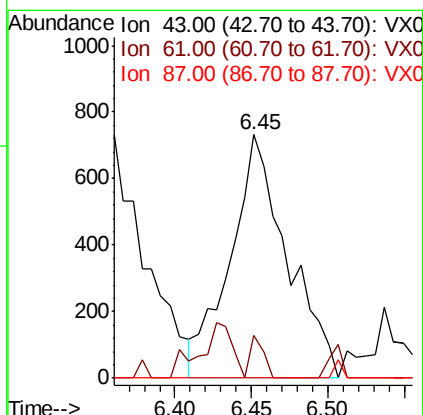
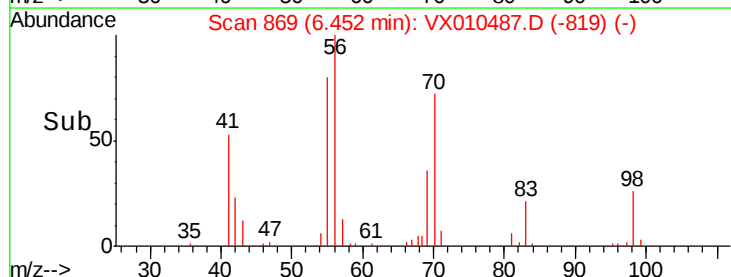
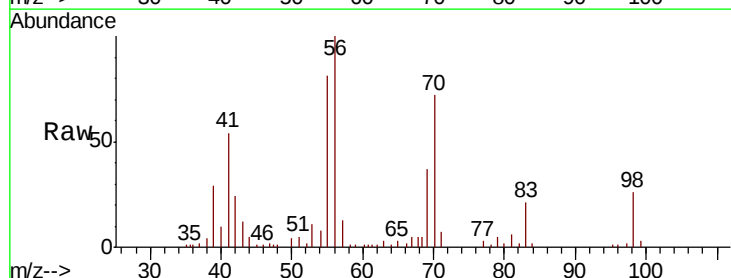
Tgt Ion: 43 Resp: 1896

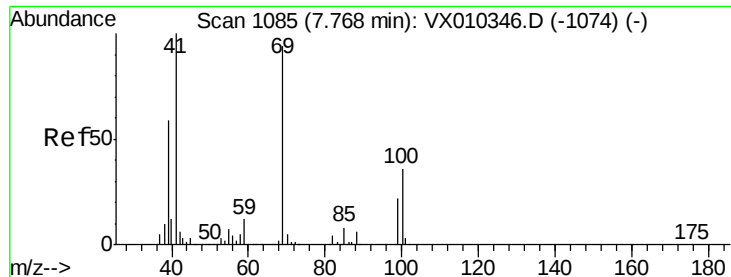
Ion Ratio Lower Upper

43 100

61 4.1 17.8 26.6#

87 0.0 13.0 19.4#

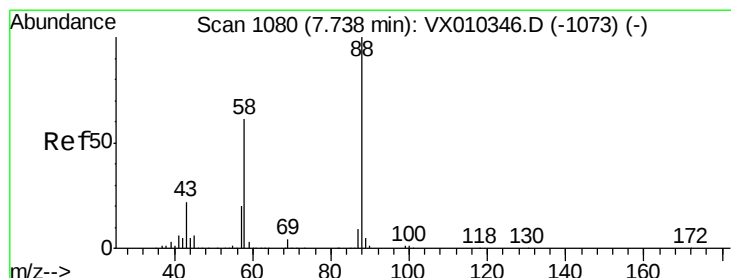
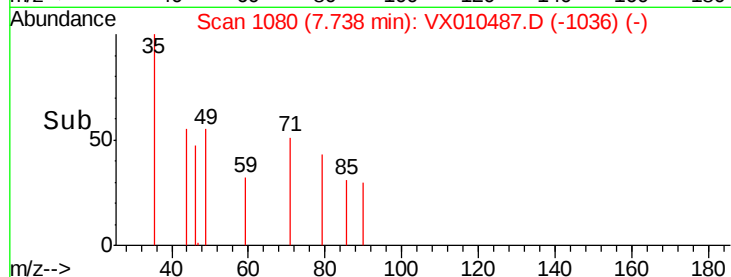
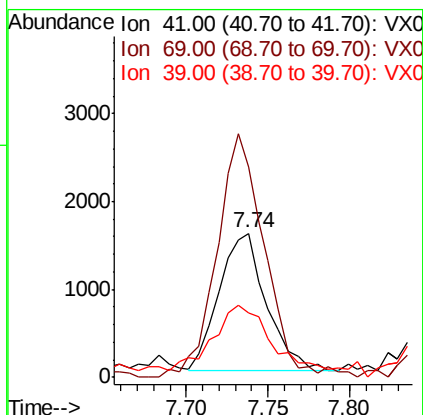
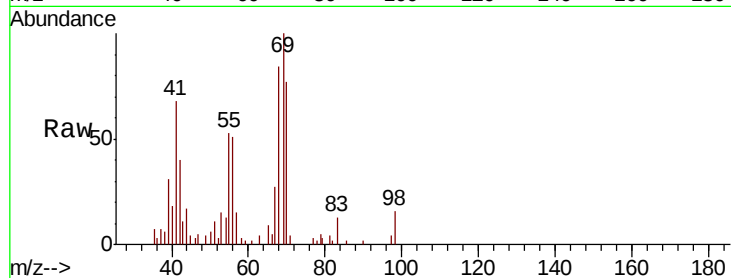




#48
Methvl methacrylate
Concen: 1.299 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.03 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

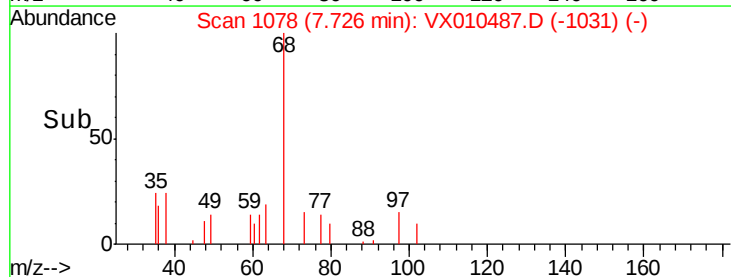
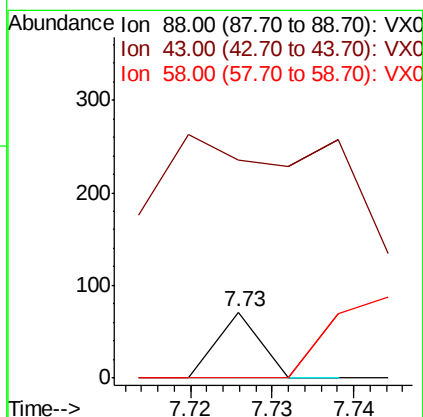
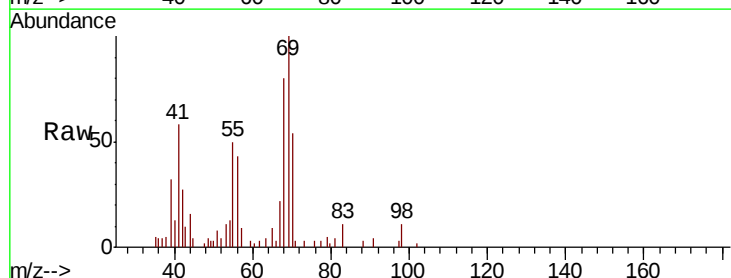
Instrument :
MSVOA_X
ClientSampled :
FL-0568

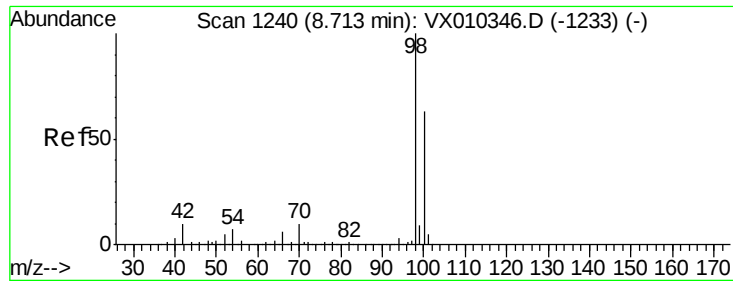
Tot Ion: 41 Resp: 3142
Ion Ratio Lower Upper
41 100
69 179.8 76.1 114.1#
39 56.4 47.6 71.4



#49
1,4-Dioxane
Concen: 0.373 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 1738.5 20.2 30.2#
58 0.0 49.5 74.3#

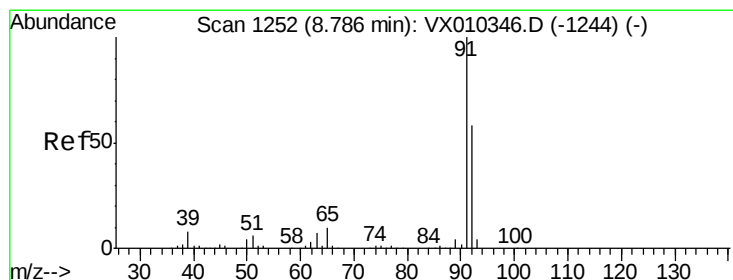
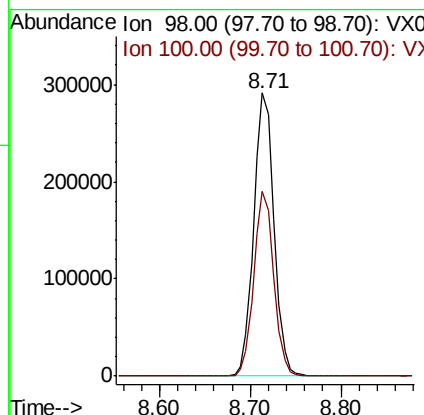
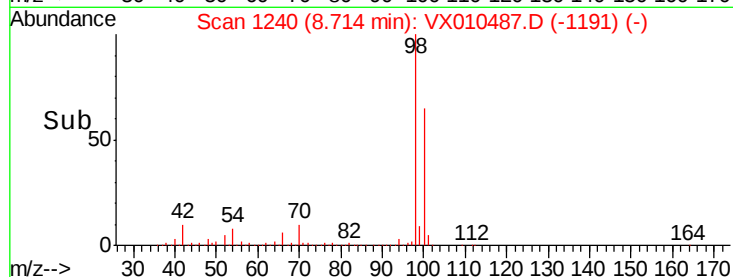
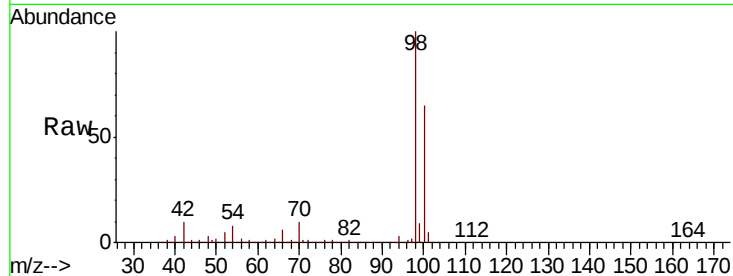




#50
Toluene-d8
Concen: 50.098 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

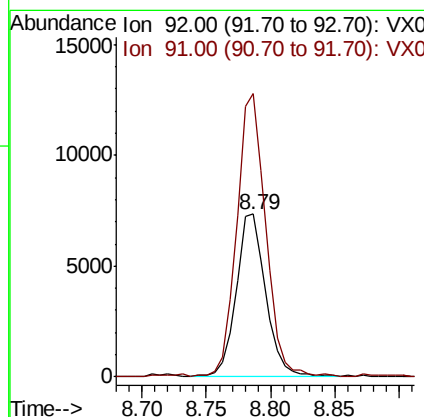
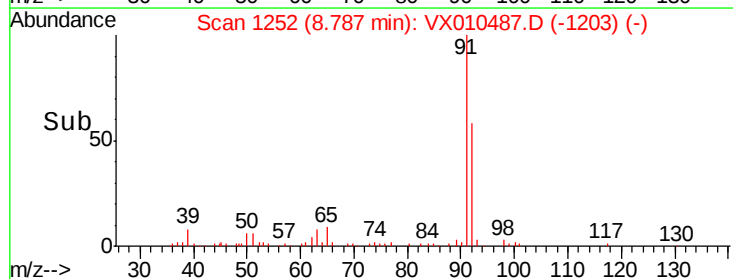
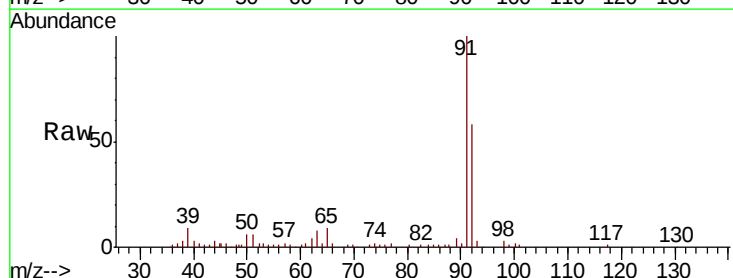
Instrument :
MSVOA_X
ClientSampleId :
FL-0568

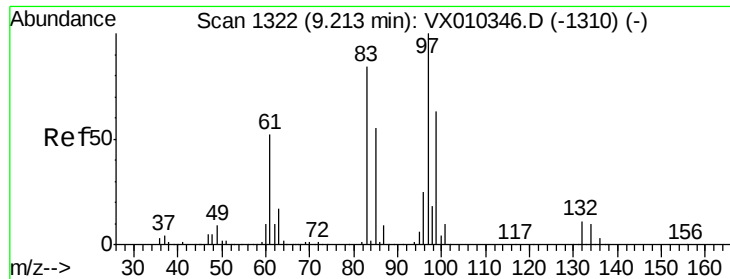
Tot Ion: 98 Resp: 451301
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#52
Toluene
Concen: 1.879 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

Tgt Ion: 92 Resp: 11790
Ion Ratio Lower Upper
92 100
91 170.1 139.8 209.6





#55

1,1,2-Trichloroethane

Concen: 1.255 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.04 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0568

Tot Ion: 97 Resp: 3248

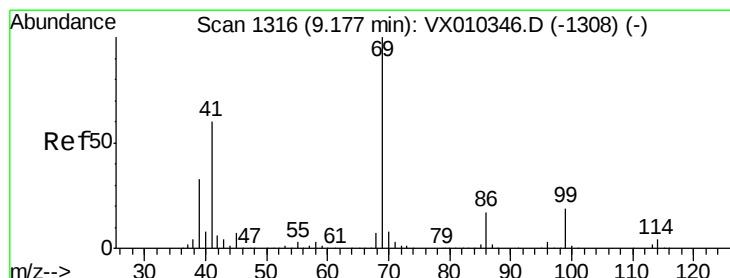
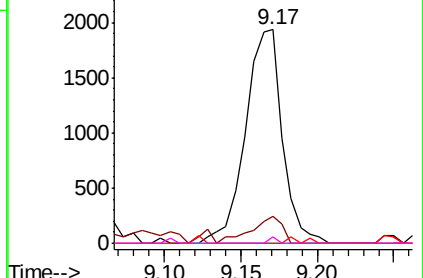
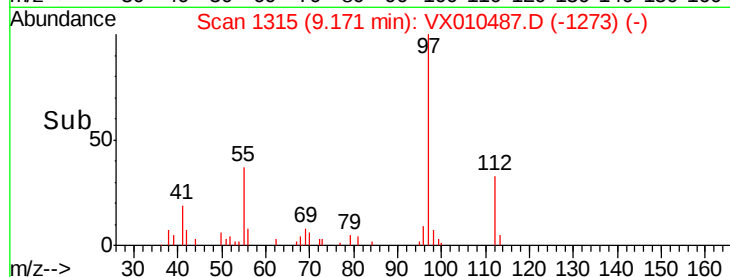
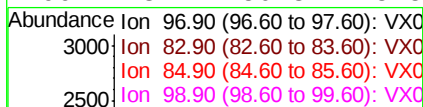
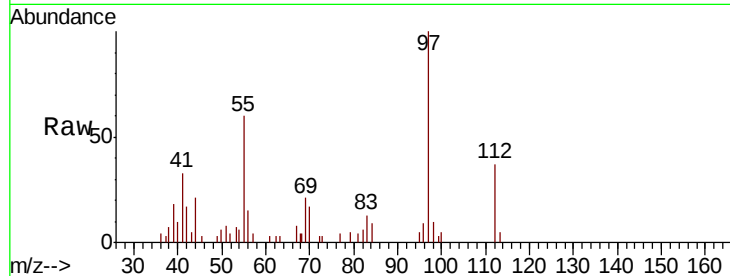
Ion Ratio Lower Upper

97 100

83 12.6 67.4 101.0#

85 0.0 43.8 65.8#

99 3.1 50.3 75.5#



#56

Ethyl methacrylate

Concen: 0.215 ug/l

RT: 9.15 min Scan# 1312

Delta R.T. -0.02 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

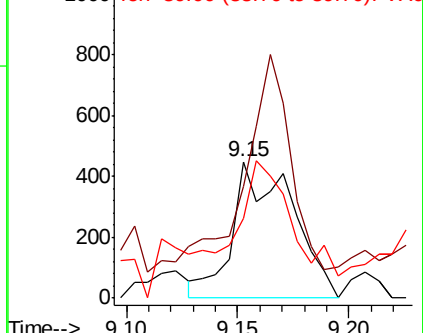
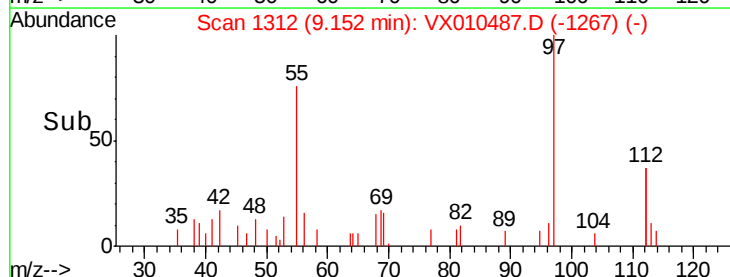
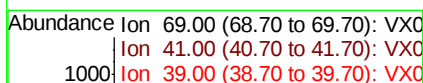
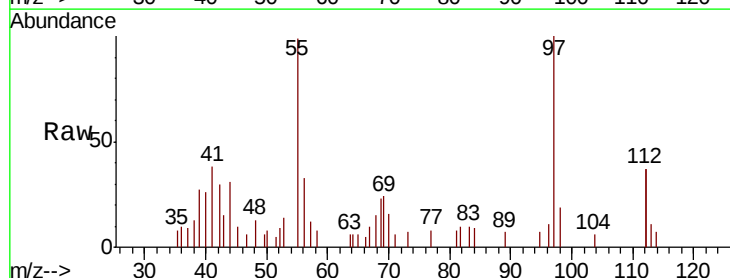
Tgt Ion: 69 Resp: 841

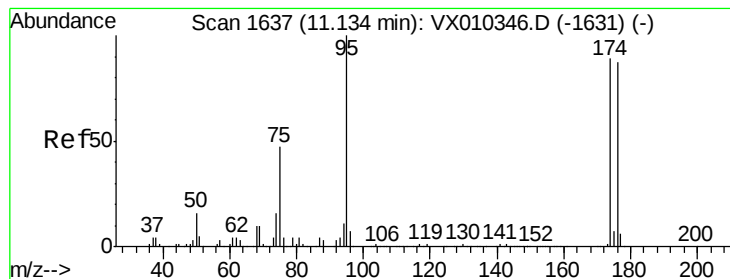
Ion Ratio Lower Upper

69 100

41 113.3 47.1 70.7#

39 84.3 26.6 40.0#





#62

4-Bromofluorobenzene

Concen: 48.908 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0568

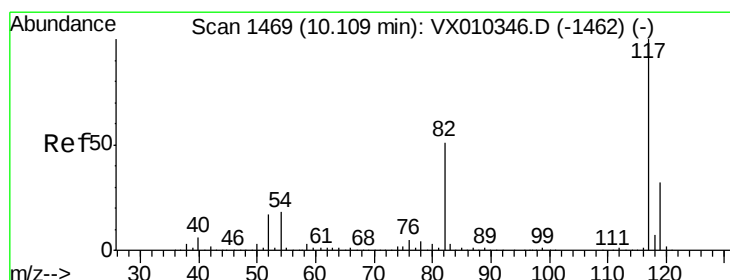
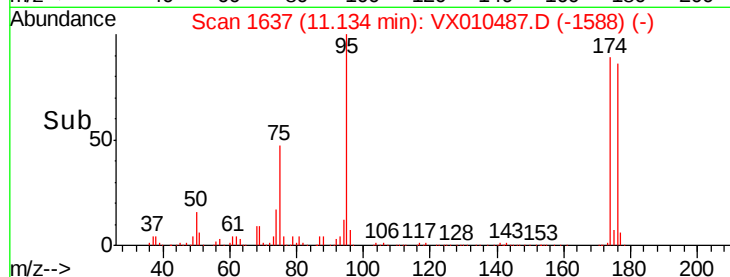
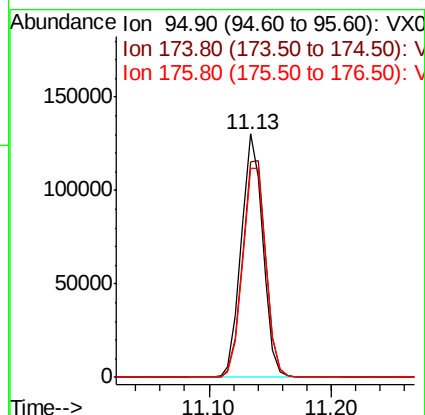
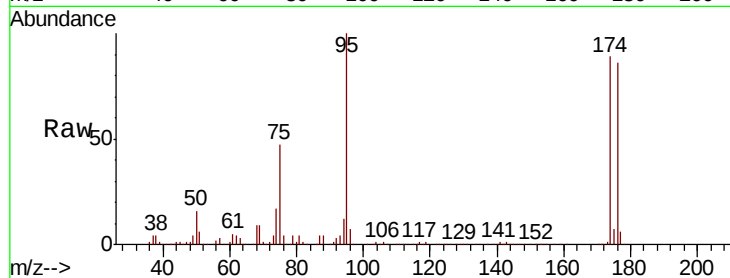
Tot Ion: 95 Resp: 159062

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.6

176 92.2 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: VX010487.D

Acq: 27 Jun 2019 14:32

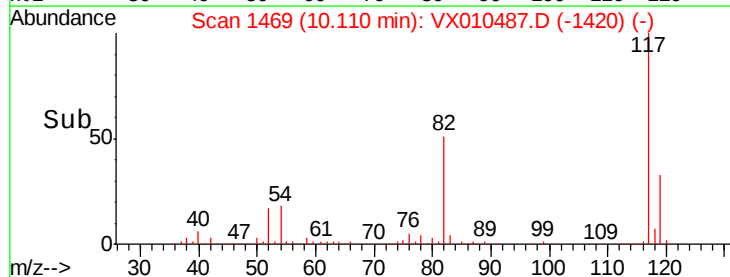
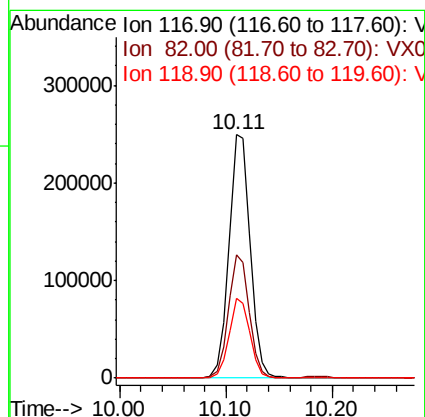
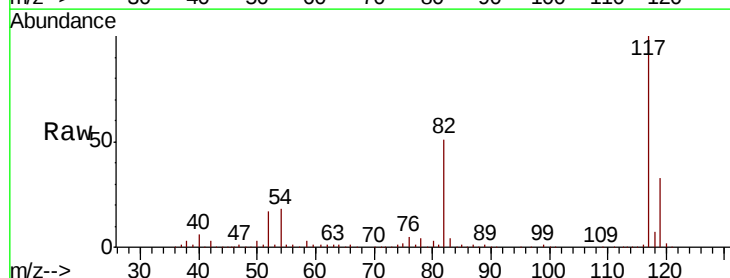
Tgt Ion: 117 Resp: 348977

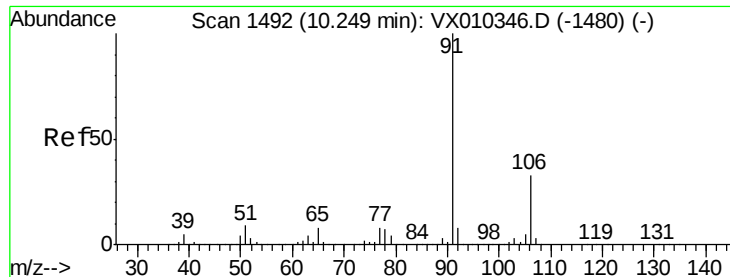
Ion Ratio Lower Upper

117 100

82 50.9 41.2 61.8

119 32.9 25.5 38.3





#67

Ethyl Benzene

Concen: 155.055 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

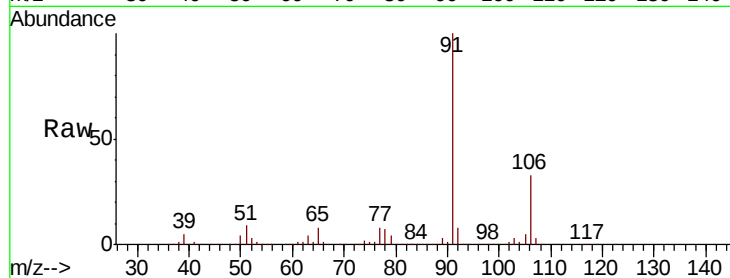
FL-0568

Tot Ion: 91 Resp: 1854597

Ion Ratio Lower Upper

91 100

106 32.6 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1480) (-)

Ion 106.00 (105.70 to 106.70): VX010346.D (-1480) (-)

10.25

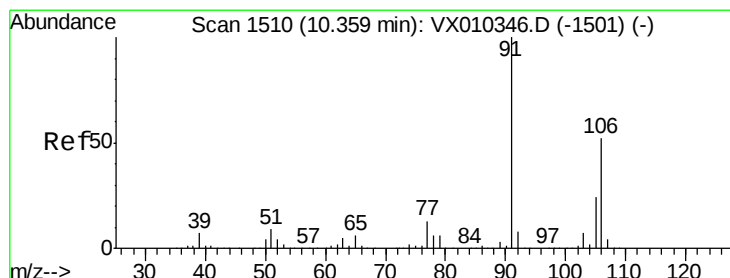
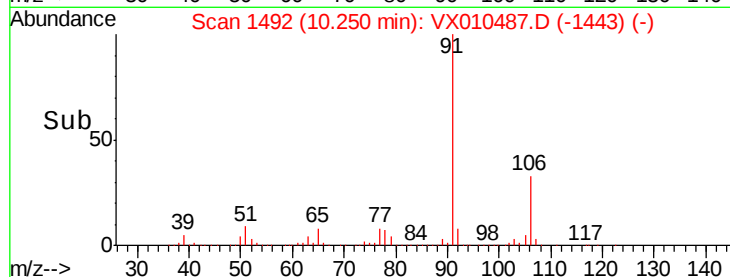
1500000

1000000

500000

0

Time-->



#68

m/p-Xylenes

Concen: 163.851 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010487.D

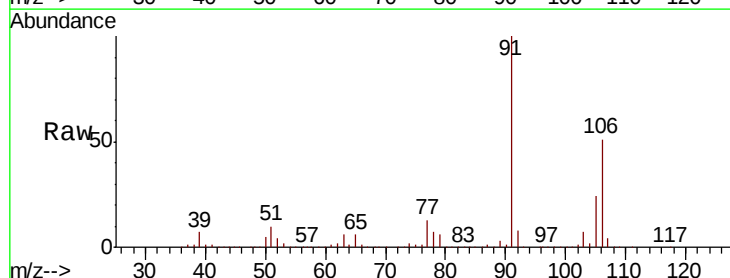
Acq: 27 Jun 2019 14:32

Tgt Ion: 106 Resp: 759372

Ion Ratio Lower Upper

106 100

91 193.9 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): VX010346.D (-1501) (-)

Ion 91.00 (90.70 to 91.70): VX010346.D (-1501) (-)

10.36

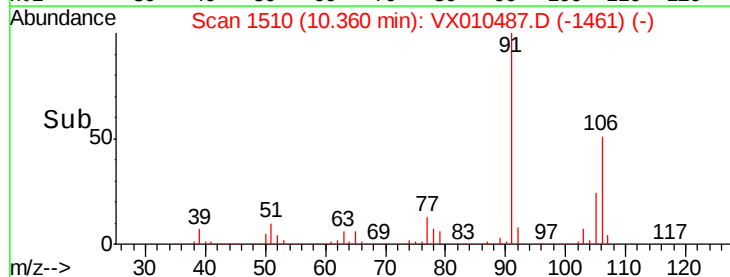
1500000

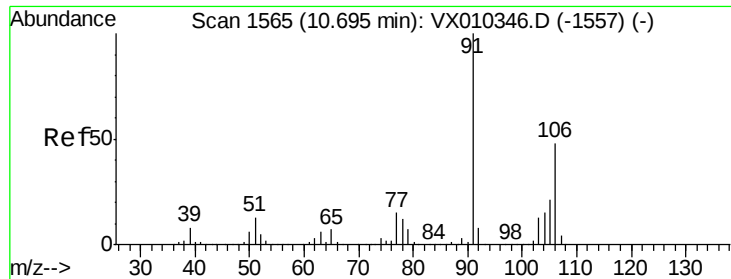
1000000

500000

0

Time-->

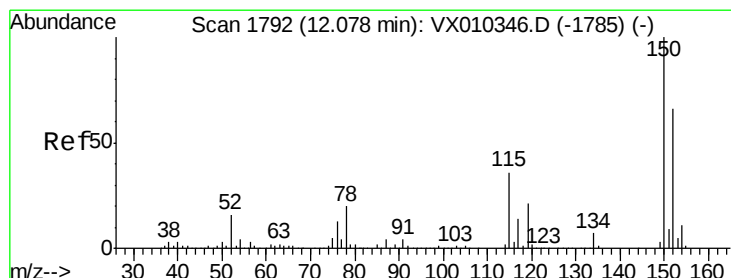
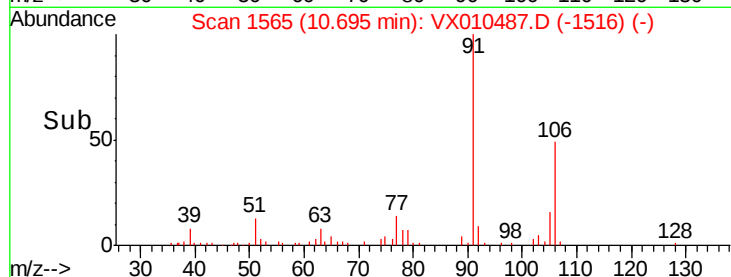
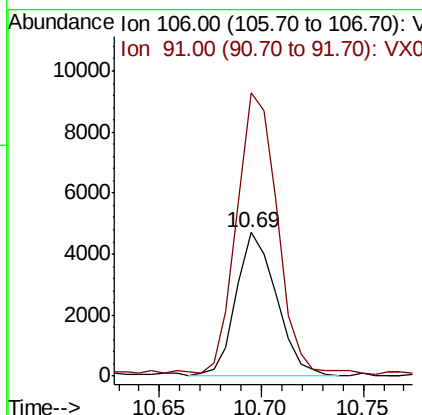
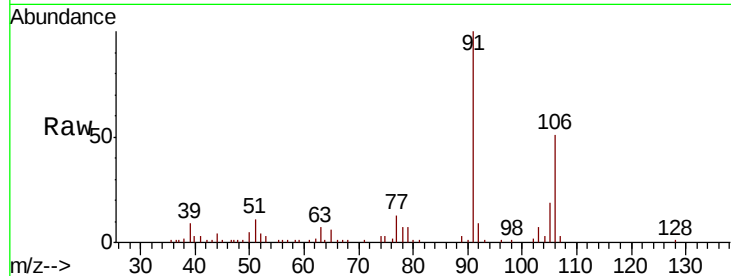




#69
o-Xylene
Concen: 1.423 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

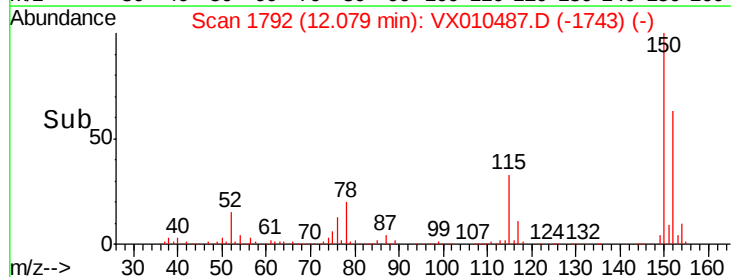
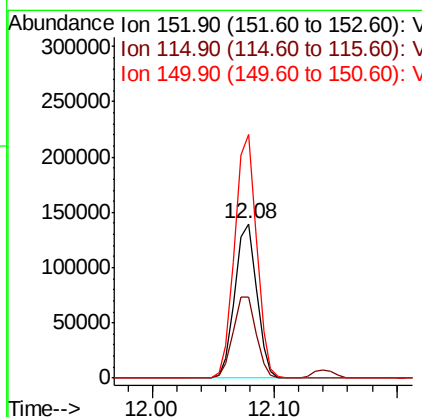
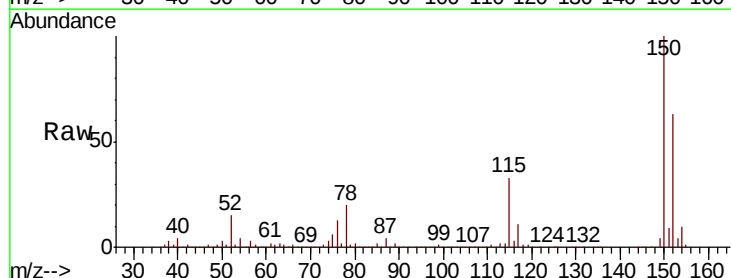
Instrument :
MSVOA_X
ClientSampled :
FL-0568

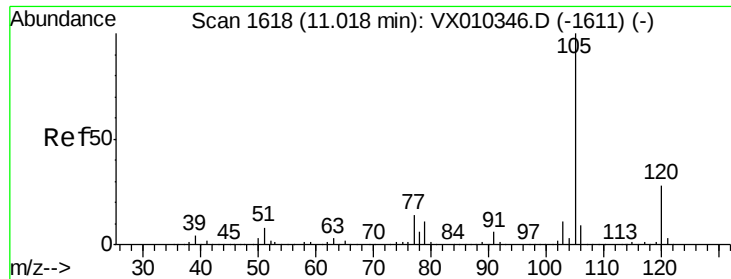
Tot Ion:106 Resp: 6485
Ion Ratio Lower Upper
106 100
91 195.9 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

Tgt Ion:152 Resp: 171707
Ion Ratio Lower Upper
152 100
115 55.1 38.6 115.7
150 158.0 0.0 347.4





#73

Isopropylbenzene

Concen: 18.303 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

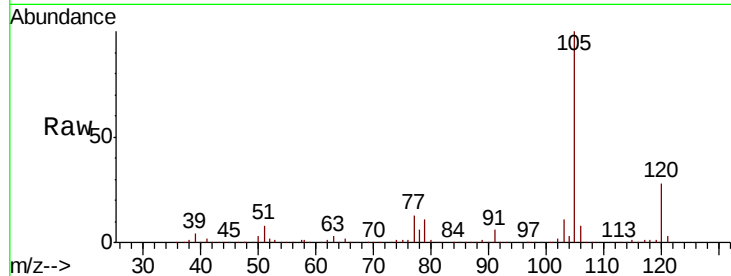
FL-0568

Tot Ion:105 Resp: 213043

Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

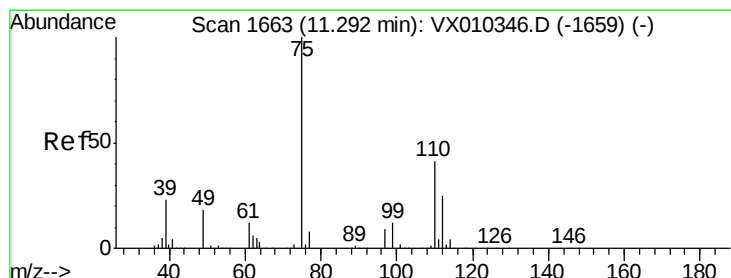
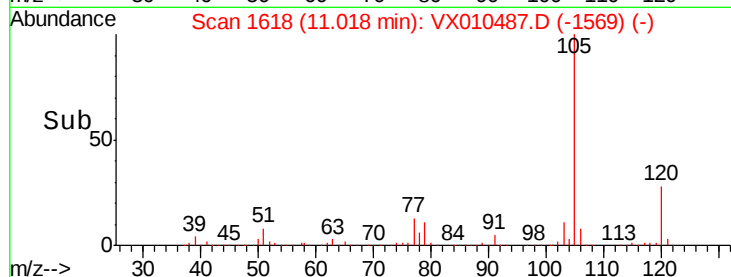
50000

0

11.02

10.95 11.00 11.05 11.10

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.348 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010487.D

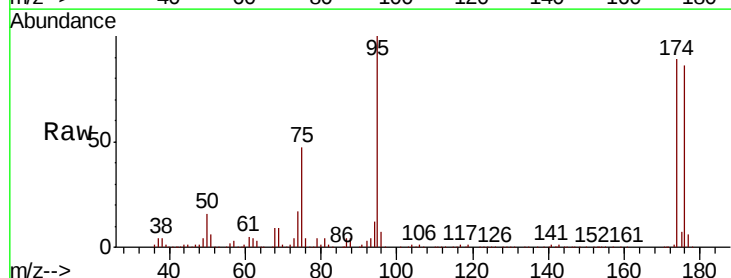
Acq: 27 Jun 2019 14:32

Tgt Ion: 75 Resp: 76185

Ion Ratio Lower Upper

75 100

77 1.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

60000

40000

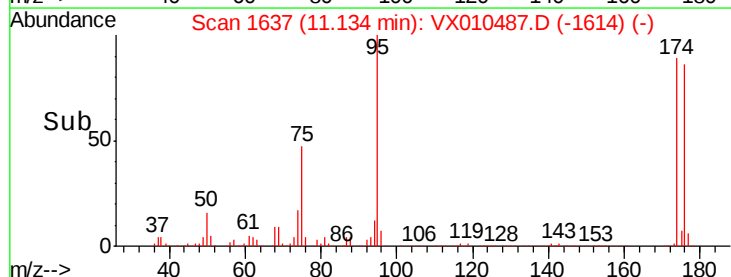
20000

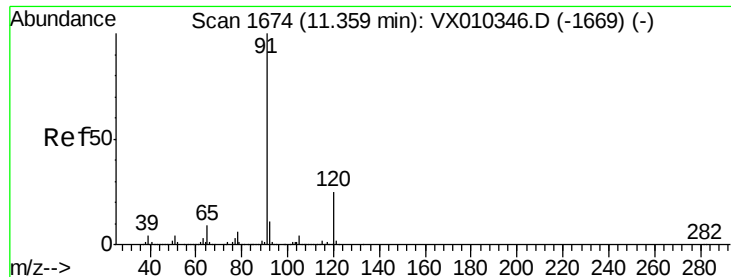
0

11.13

11.10 11.20

Time-->





#78

n-propylbenzene

Concen: 22.158 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

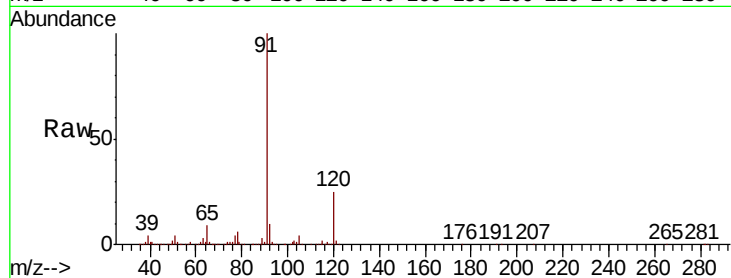
FL-0568

Tot Ion: 91 Resp: 283459

Ion Ratio Lower Upper

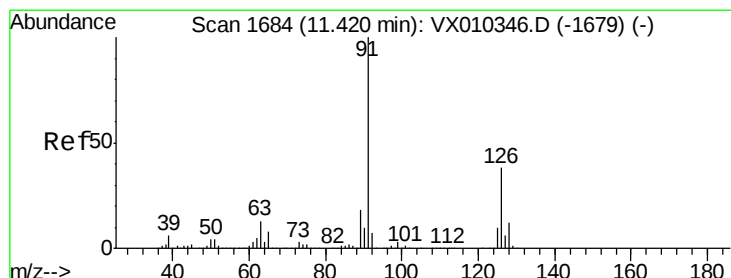
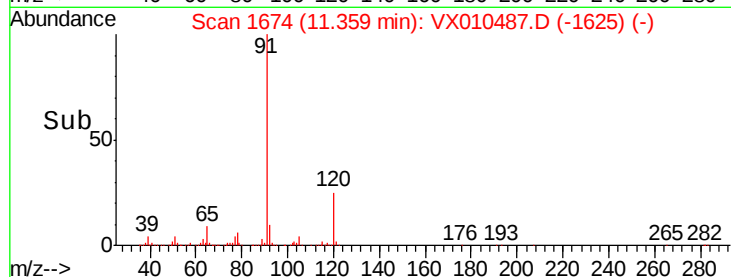
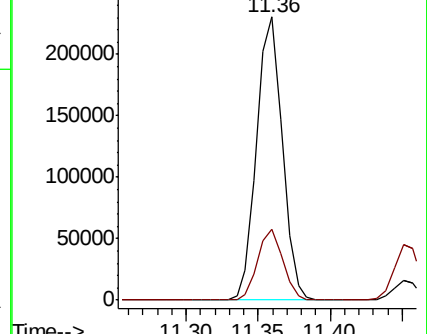
91 100

120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.523 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX010487.D

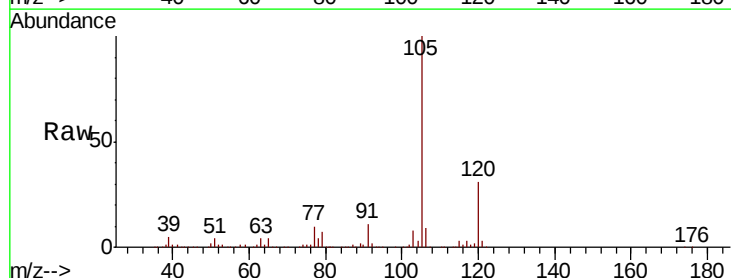
Acq: 27 Jun 2019 14:32

Tgt Ion: 91 Resp: 19217

Ion Ratio Lower Upper

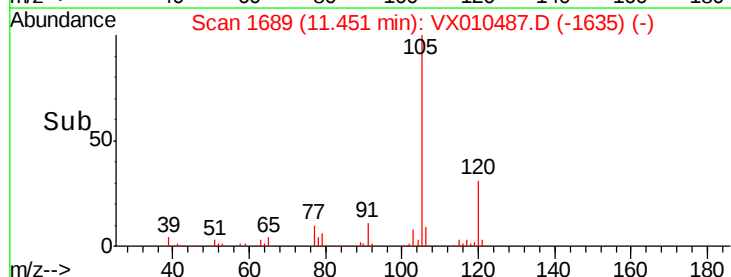
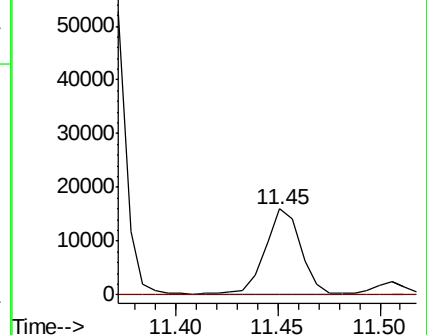
91 100

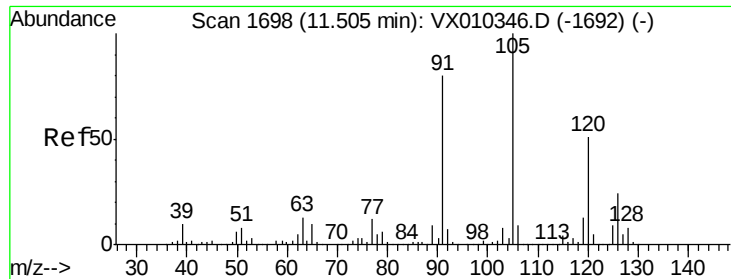
126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

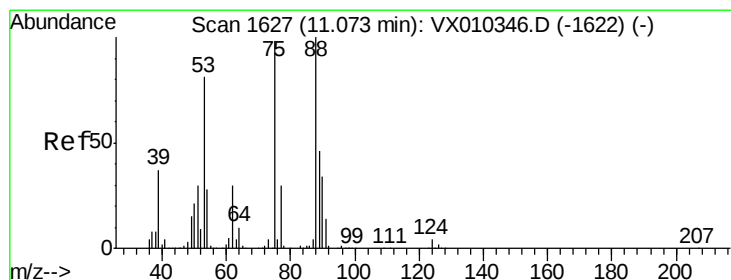
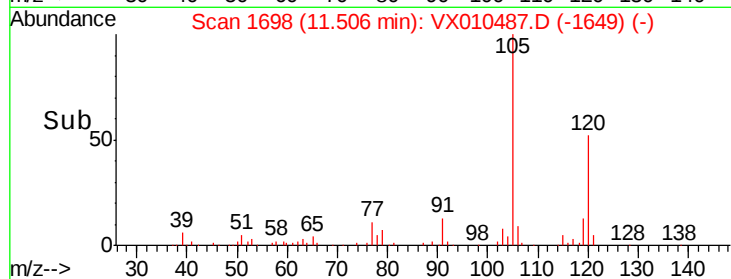
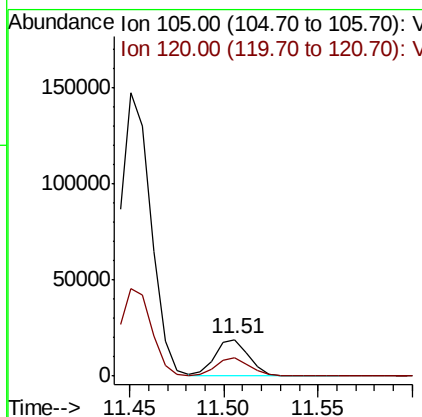
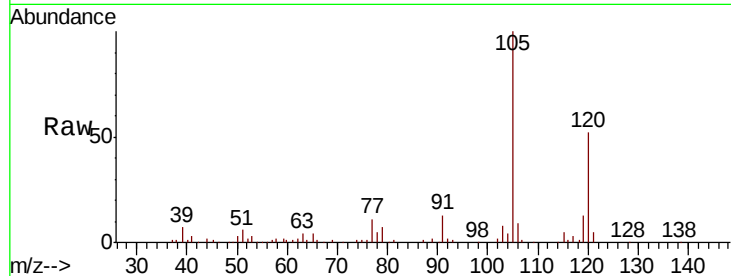




#80
 1,3,5-Trimethylbenzene
 Concen: 2.514 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010487.D
 Acq: 27 Jun 2019 14:32

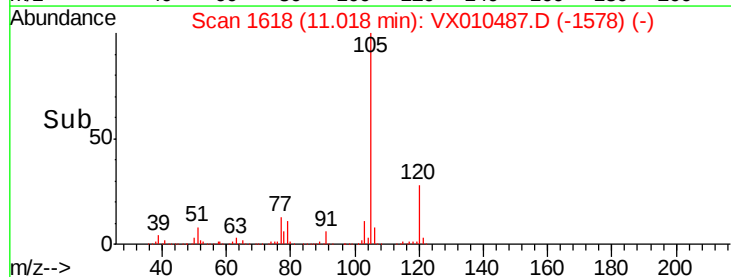
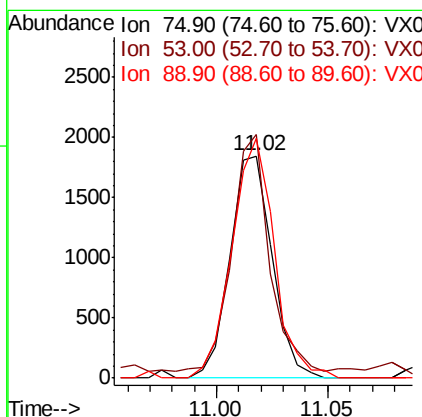
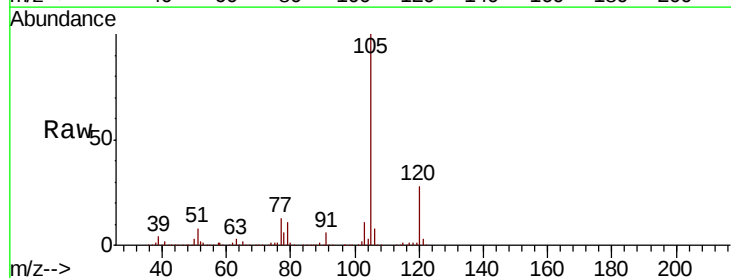
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0568

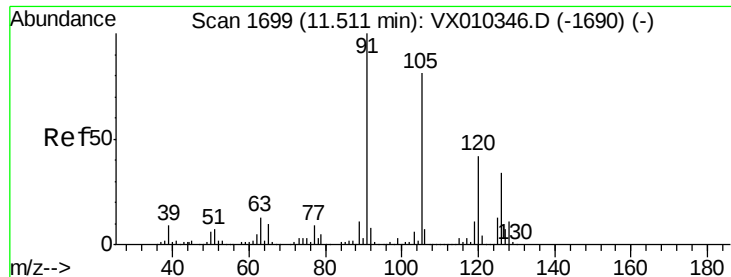
Tot Ion:105 Resp: 24119
 Ion Ratio Lower Upper
 105 100
 120 48.2 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.818 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX010487.D
 Acq: 27 Jun 2019 14:32

Tgt Ion: 75 Resp: 2438
 Ion Ratio Lower Upper
 75 100
 53 103.6 66.1 99.1#
 89 108.7 37.8 56.6#





#82

4-Chlorotoluene

Concen: 2.217 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.06 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

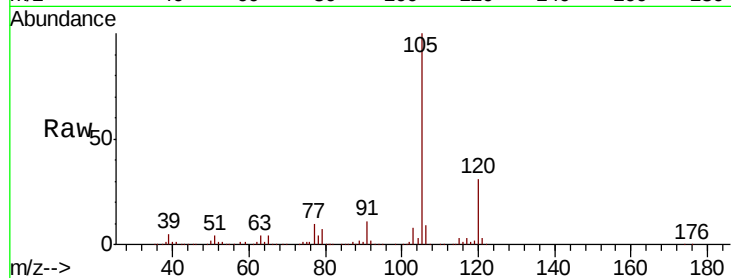
FL-0568

Tot Ion: 91 Resp: 19217

Ion Ratio Lower Upper

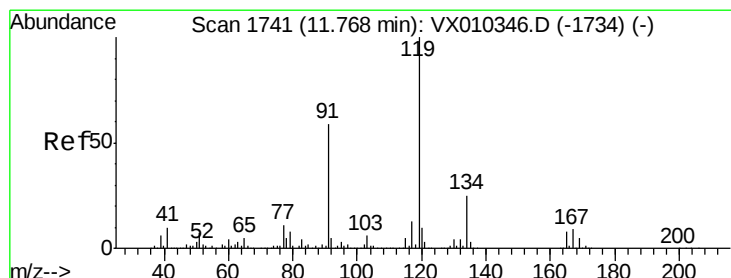
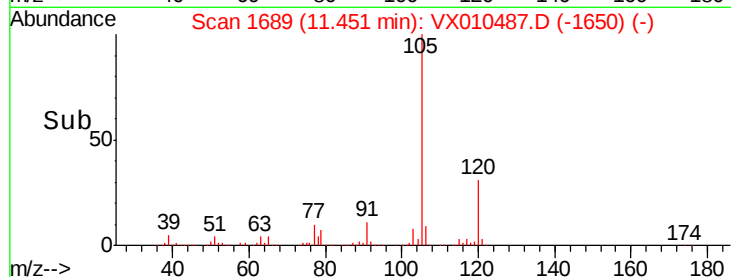
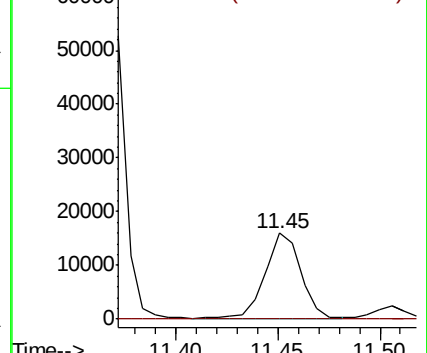
91 100

126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 0.719 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

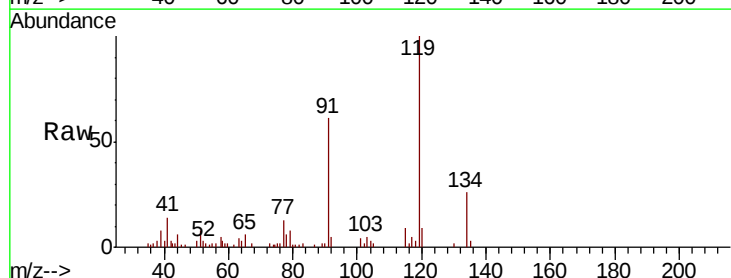
Tgt Ion: 119 Resp: 6924

Ion Ratio Lower Upper

119 100

91 64.5 27.6 82.7

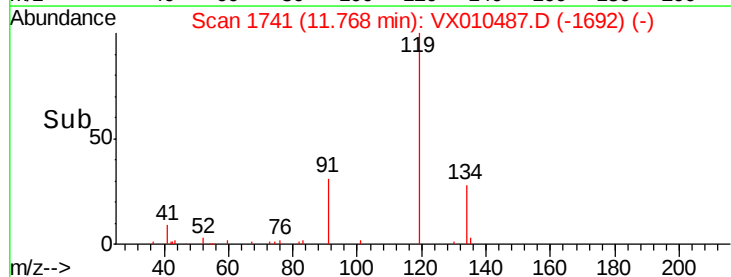
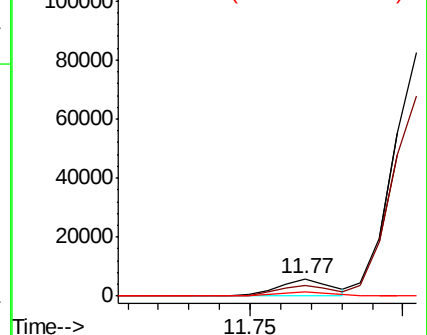
134 26.4 11.8 35.4

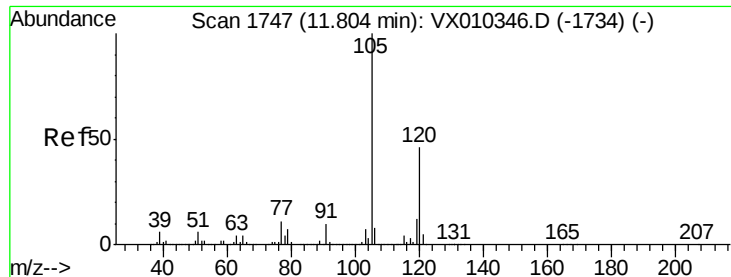


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 83.010 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

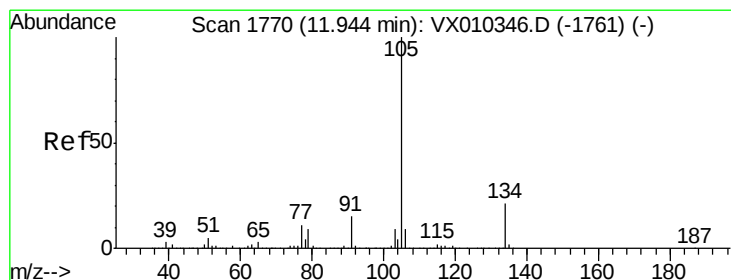
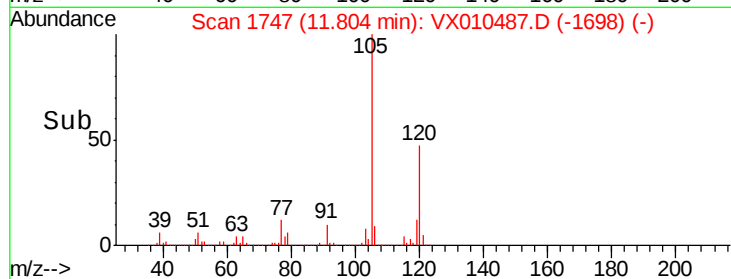
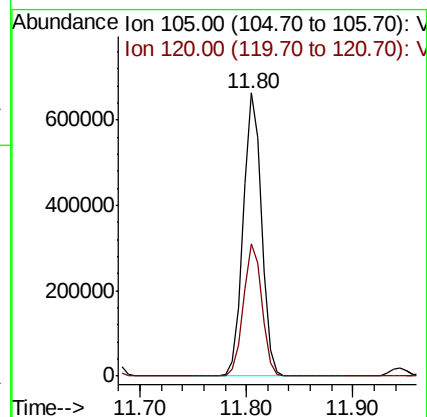
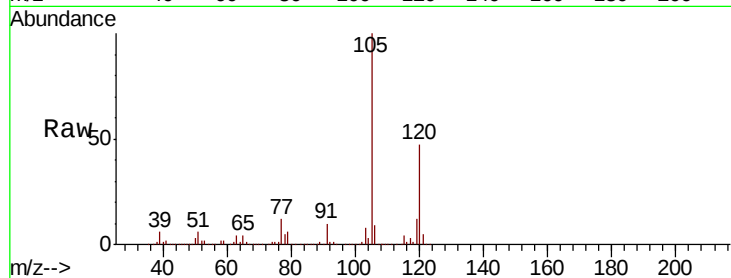
FL-0568

Tot Ion:105 Resp: 800250

Ion Ratio Lower Upper

105 100

120 47.2 23.1 69.2



#85

sec-Butylbenzene

Concen: 70.769 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010487.D

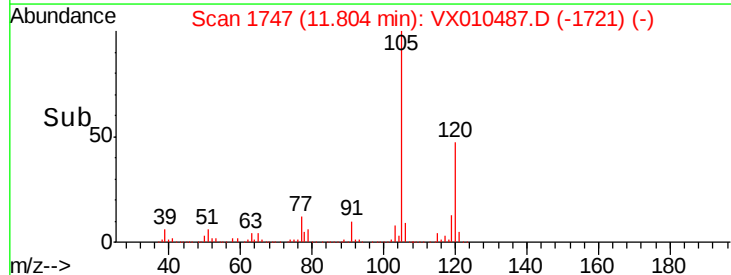
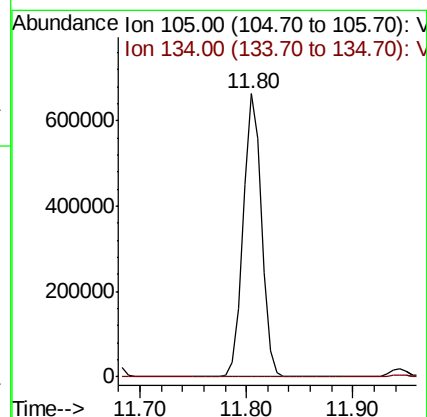
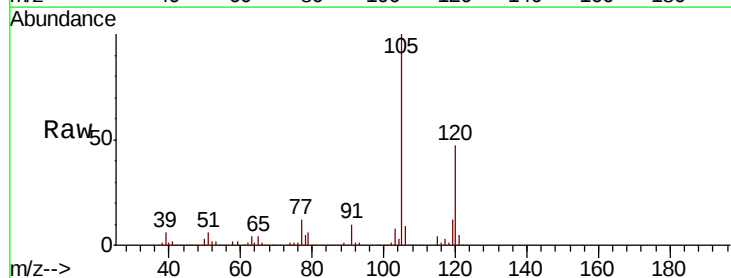
Acq: 27 Jun 2019 14:32

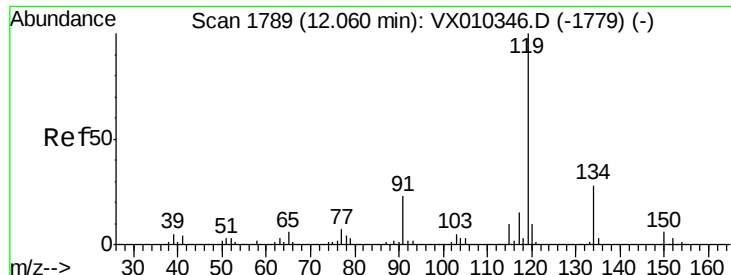
Tgt Ion:105 Resp: 800250

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#

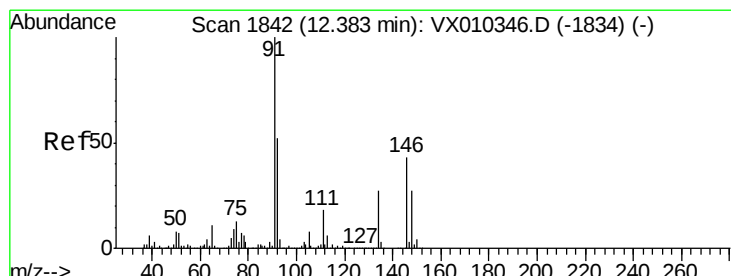
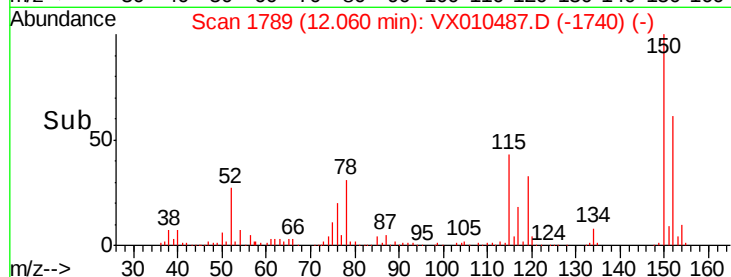
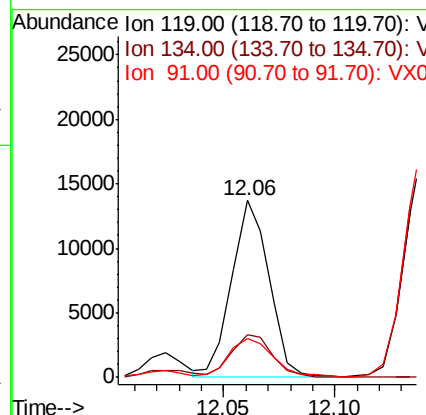
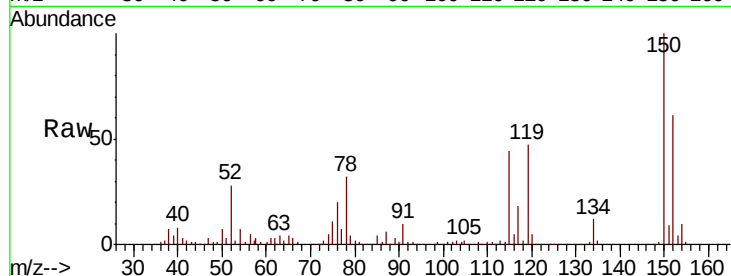




#86
p-Isopropyltoluene
Concen: 1.520 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

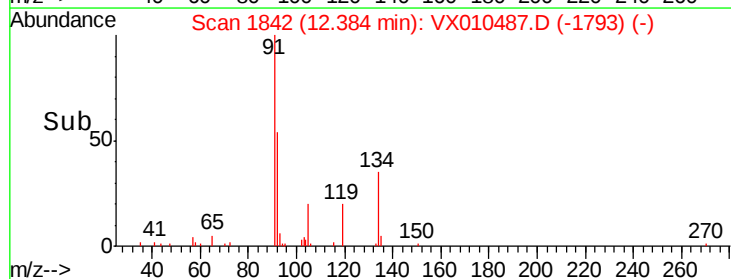
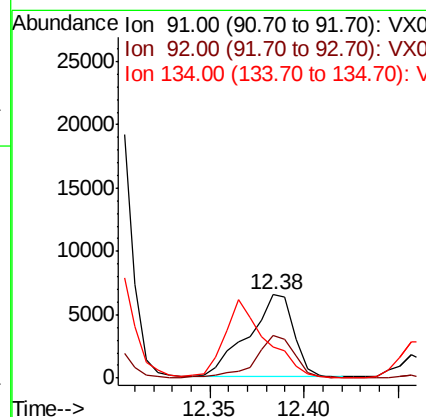
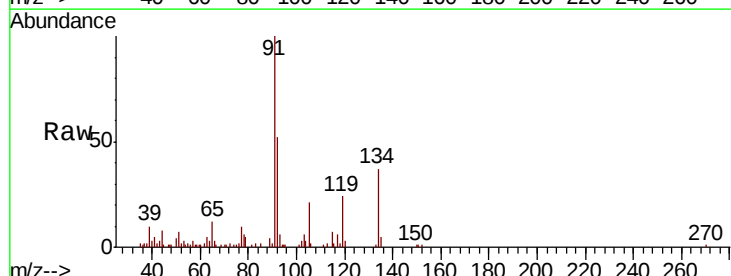
Instrument :
MSVOA_X
ClientSampled :
FL-0568

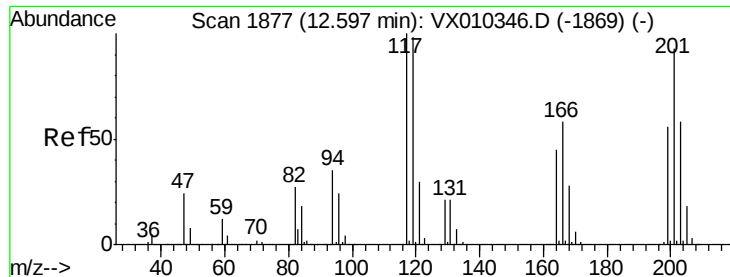
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.7	41.1
91	25.5	11.3	33.8



#89
n-Butylbenzene
Concen: 1.232 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010487.D
Acq: 27 Jun 2019 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	44.6	26.2	78.5
134	87.8	14.1	42.4





#90

Hexachloroethane

Concen: 3.736 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

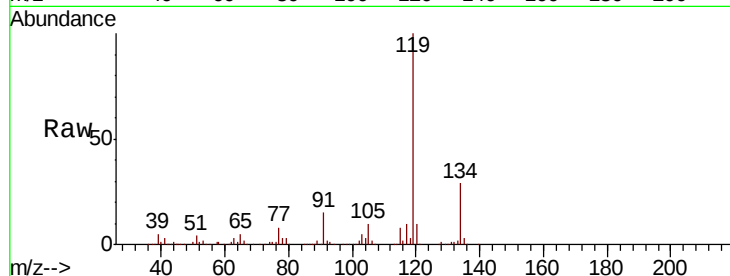
FL-0568

Tot Ion:117 Resp: 6757

Ion Ratio Lower Upper

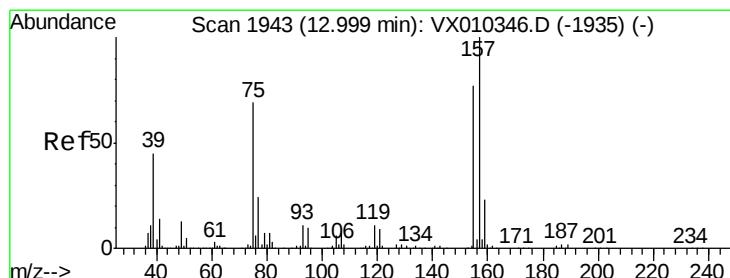
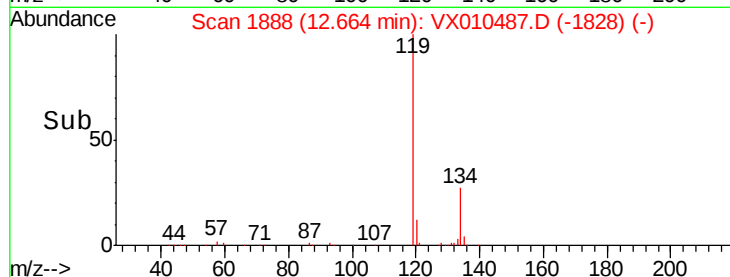
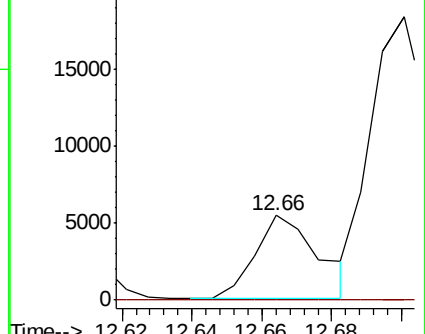
117 100

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: 0.858 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

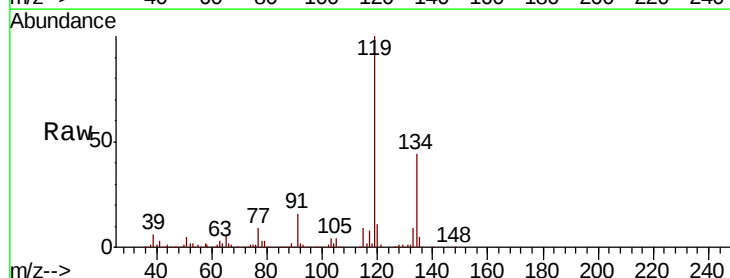
Tgt Ion: 75 Resp: 713

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

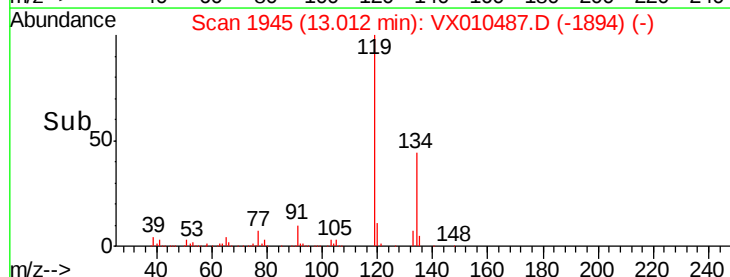
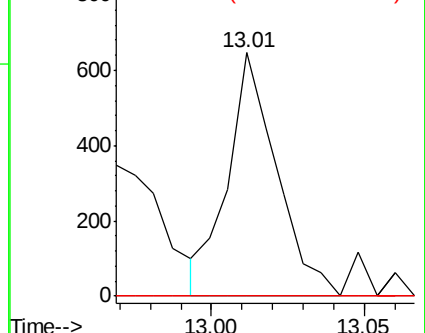
157 0.0 69.5 208.3#

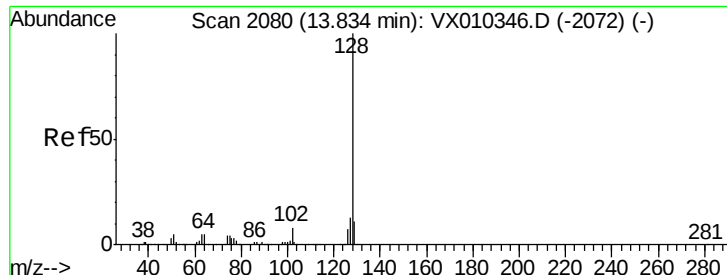


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 32.921 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX010487.D

Acq: 27 Jun 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0568

Tot Ion:128 Resp: 395586

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.2 8.9 13.3

