

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062819\
 Data File : VX010534.D
 Acq On : 28 Jun 2019 14:14
 Operator : JC/SP
 Sample : K3565-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0572

Quant Time: Jun 29 04:38:03 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	245643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	342269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157317	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118879	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
35) Dibromofluoromethane	5.50	113	116122	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	8.71	98	453308	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	150549	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	660	0.332	ug/l #	88
5) Bromomethane	1.65	94	656	0.618	ug/l #	44
10) Methyl Iodide	2.51	142	758	0.254	ug/l #	86
11) Tert butyl alcohol	3.01	59	1225	2.033	ug/l #	74
13) Acrolein	2.29	56	193	0.483	ug/l #	14
15) Acrylonitrile	3.14	53	328	0.275	ug/l #	48
16) Acetone	2.45	43	3363	2.914	ug/l	93
17) Carbon Disulfide	2.57	76	1172	0.205	ug/l #	59
18) Methyl Acetate	2.77	43	469	0.204	ug/l	92
20) Methylene Chloride	2.86	84	807	0.340	ug/l #	74
21) trans-1,2-Dichloroethene	3.17	96	458	0.200	ug/l #	63
25) 2-Butanone	4.68	43	376	0.222	ug/l	96
31) Cyclohexane	5.58	56	5804	1.745	ug/l	97
36) 1,1-Dichloropropene	5.66	75	15603	5.155	ug/l #	48
38) Carbon Tetrachloride	5.66	117	22546	6.878	ug/l #	15
39) Methylcyclohexane	7.46	83	19307	4.852	ug/l	98
40) Benzene	6.15	78	3420	0.363	ug/l #	82
48) Methyl methacrylate	7.74	41	1397	0.583	ug/l #	66
49) 1,4-Dioxane	7.74	88	33	0.478	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	950	0.288	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	4390	1.714	ug/l #	20
56) Ethyl methacrylate	9.16	69	1179	0.304	ug/l #	1
59) 2-Hexanone	9.55	43	850	0.328	ug/l	92
67) Ethyl Benzene	10.25	91	28046	2.391	ug/l	97
68) m/p-Xylenes	10.36	106	22647	4.982	ug/l	98
73) Isopropylbenzene	11.02	105	5524	0.518	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	764	0.216	ug/l #	55
76) 1,2,3-Trichloropropane	11.13	75	70989	24.763	ug/l #	33
78) n-propylbenzene	11.36	91	6606	0.564	ug/l	99
79) 2-Chlorotoluene	11.51	91	1442	0.207	ug/l	70
80) 1,3,5-Trimethylbenzene	11.51	105	7869	0.895	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	70989	57.770	ug/l #	16
84) 1,2,4-Trimethylbenzene	11.80	105	16688	1.889	ug/l	96
85) sec-Butylbenzene	11.94	105	2556	0.247	ug/l	79

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

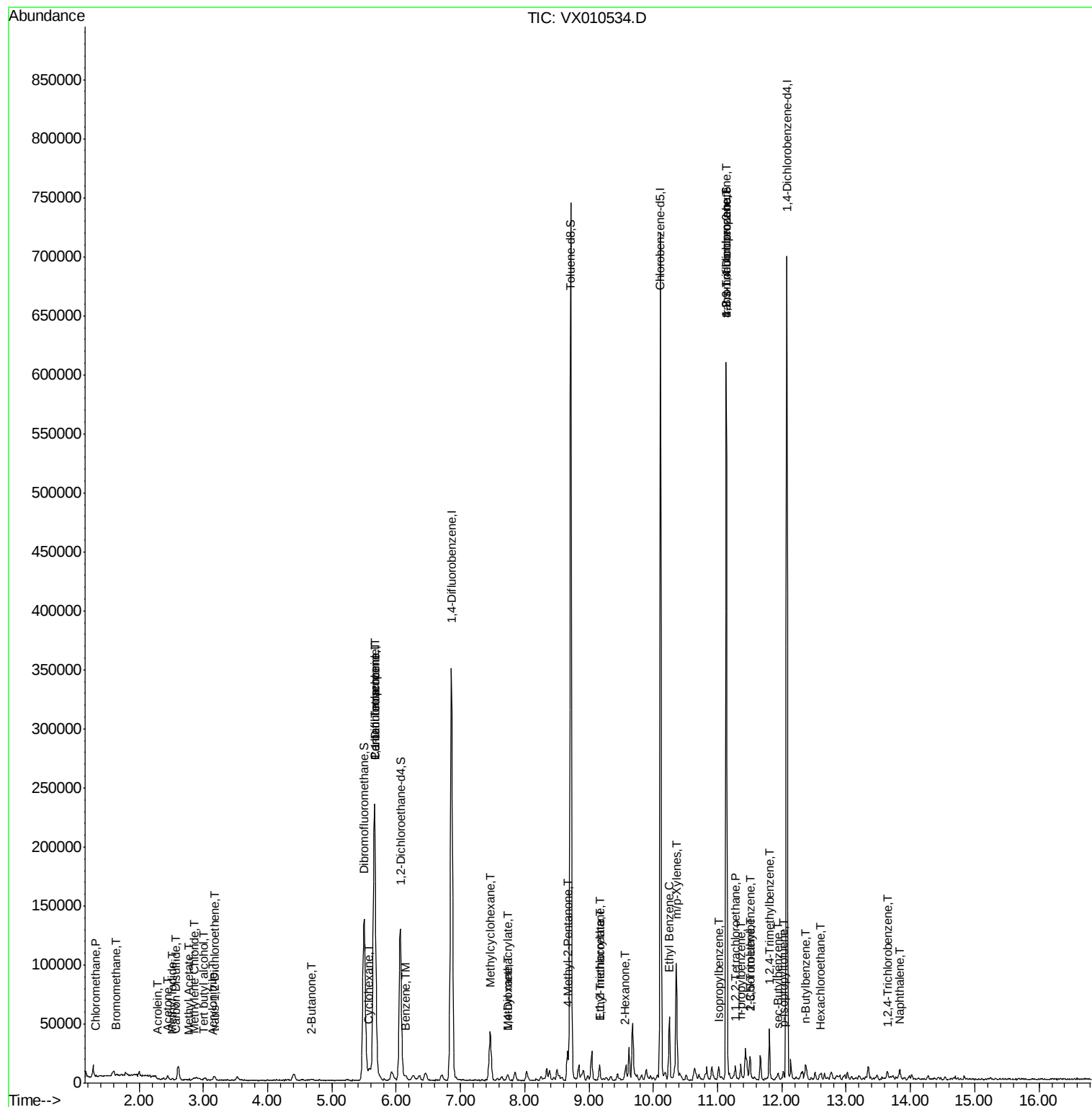
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.02	119	2190	0.229	ug/l	88
89) n-Butylbenzene	12.38	91	2172	0.267	ug/l #	60
90) Hexachloroethane	12.60	117	574	0.346	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.65	180	787	0.220	ug/l #	78
95) Naphthalene	13.83	128	4756	0.432	ug/l #	88

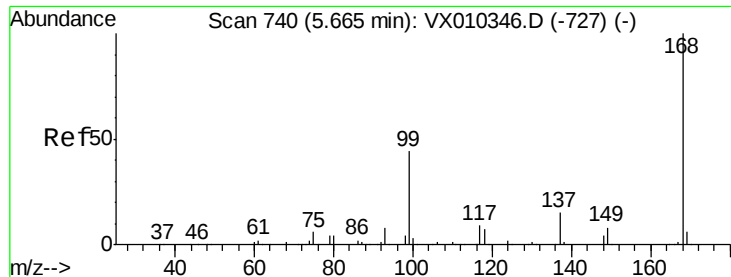
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

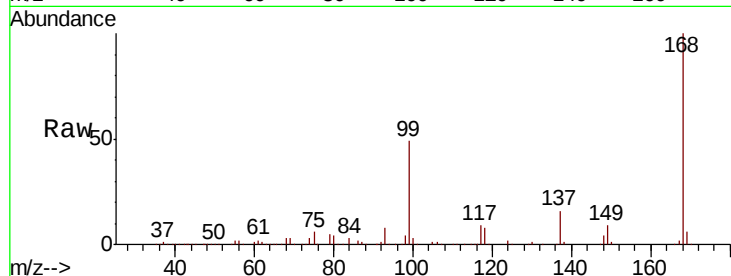
FL-0572

Tot Ion:168 Resp: 245643

Ion Ratio Lower Upper

168 100

99 48.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

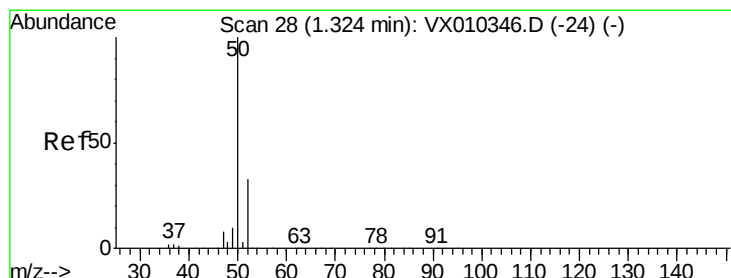
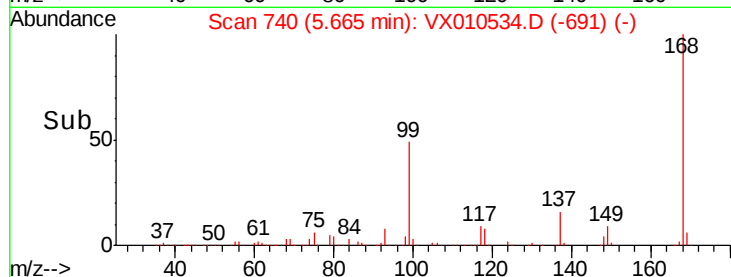
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.332 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010534.D

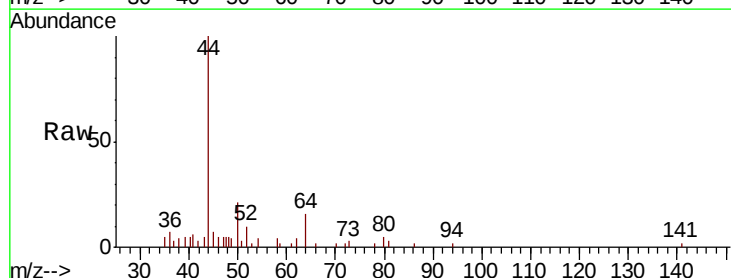
Acq: 28 Jun 2019 14:14

Tgt Ion: 50 Resp: 660

Ion Ratio Lower Upper

50 100

52 40.2 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

500

400

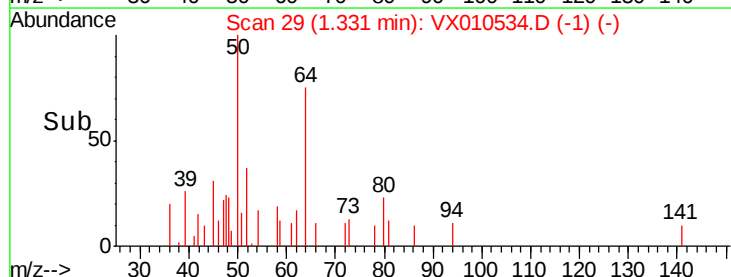
300

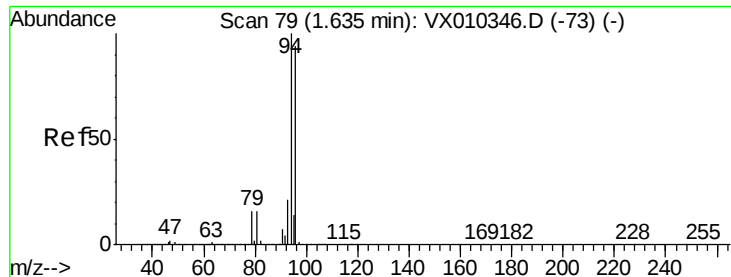
200

100

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.618 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampled :

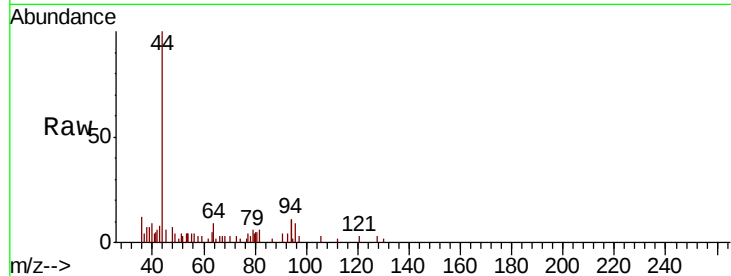
FL-0572

Tot Ion: 94 Resp: 656

Ion Ratio Lower Upper

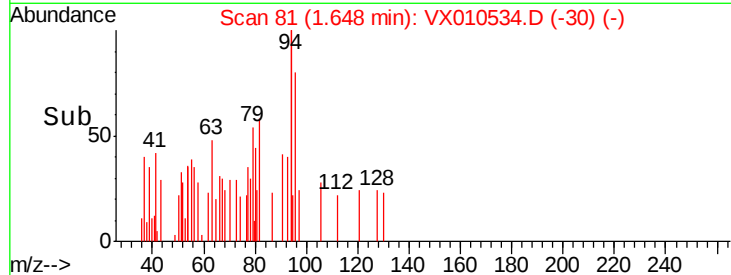
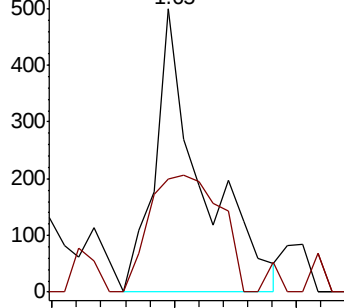
94 100

96 39.9 75.5 113.3#

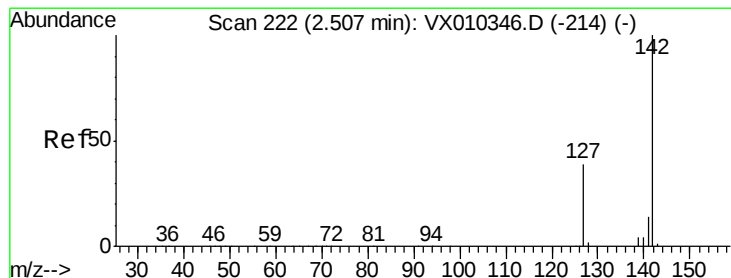


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time--> 1.60 1.65 1.70



#10

Methyl Iodide

Concen: 0.254 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

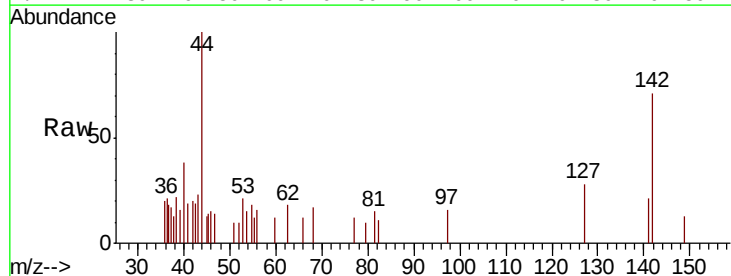
Tgt Ion:142 Resp: 758

Ion Ratio Lower Upper

142 100

127 45.5 31.1 46.7

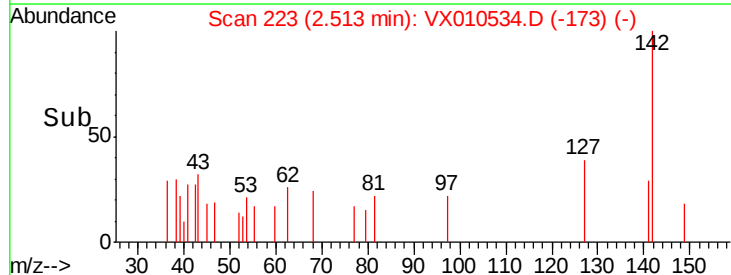
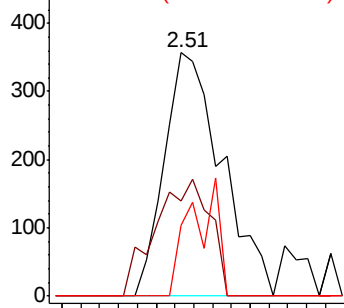
141 23.4 11.2 16.8#



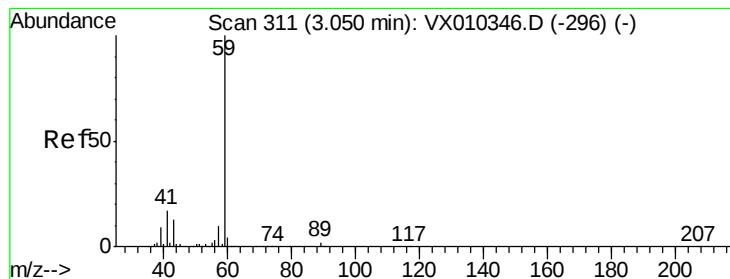
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time--> 2.45 2.50 2.55

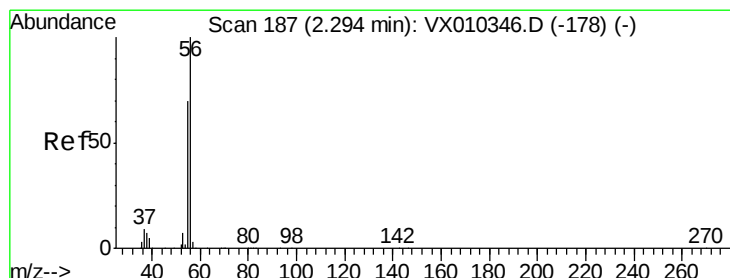
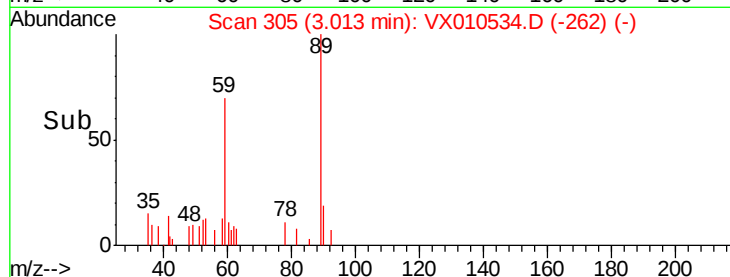
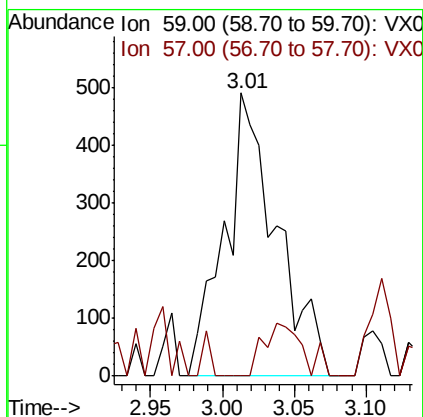
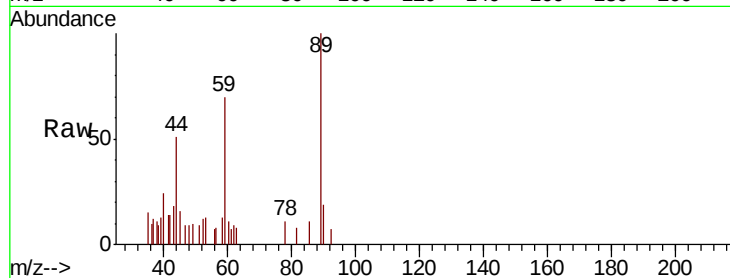


#11

Tert butyl alcohol
 Concen: 2.033 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.04 min
 Lab File: VX010534.D
 Acq: 28 Jun 2019 14:14

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0572

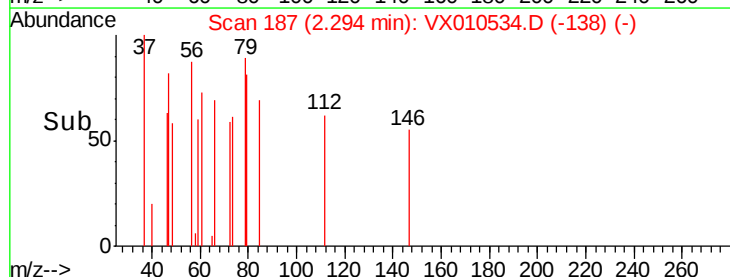
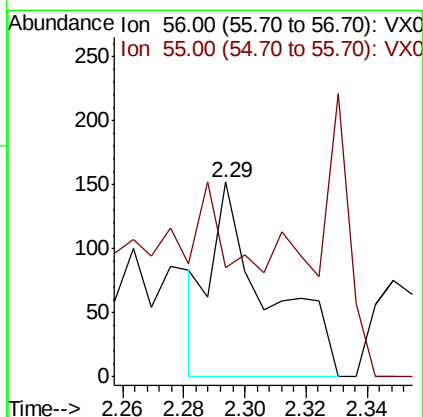
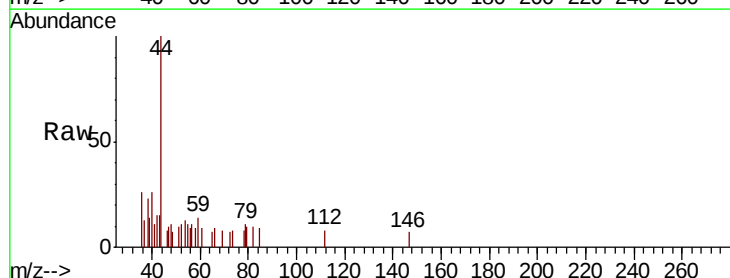
Tot Ion: 59 Resp: 1225
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

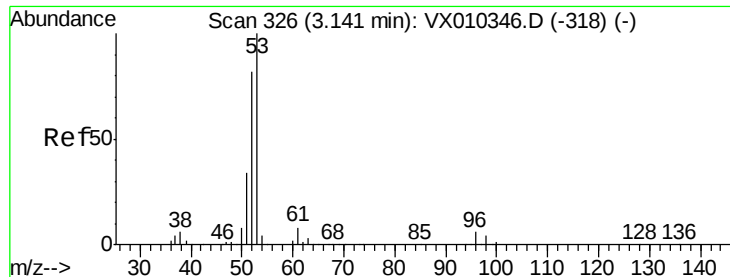


#13

Acrolein
 Concen: 0.483 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX010534.D
 Acq: 28 Jun 2019 14:14

Tgt Ion: 56 Resp: 193
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#





#15

Acrylonitrile

Concen: 0.275 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0572

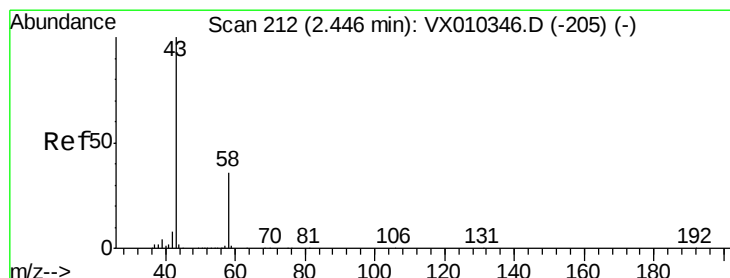
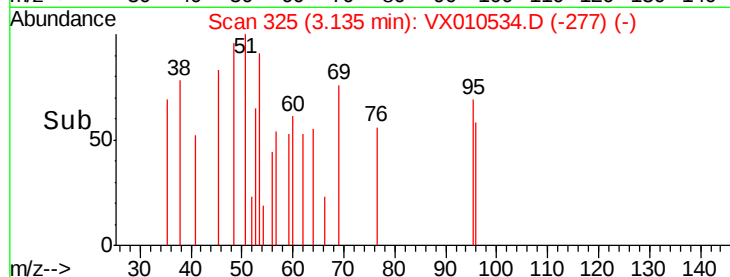
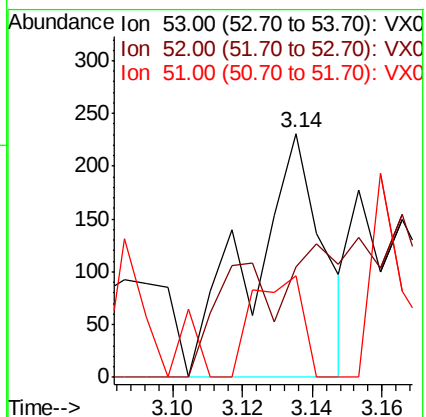
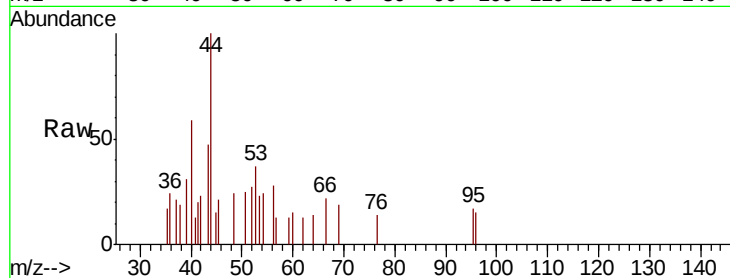
Tot Ion: 53 Resp: 328

Ion Ratio Lower Upper

53 100

52 20.1 65.5 98.3#

51 29.0 28.2 42.4



#16

Acetone

Concen: 2.914 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010534.D

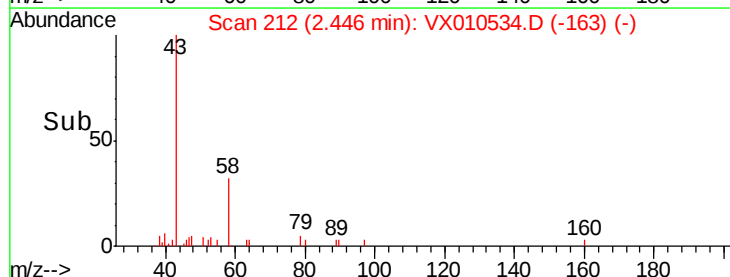
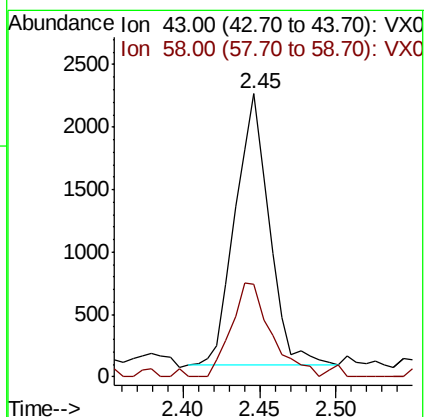
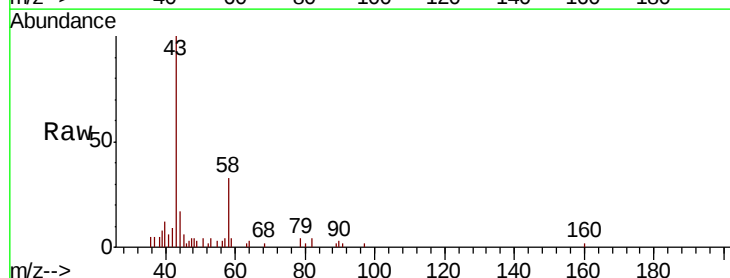
Acq: 28 Jun 2019 14:14

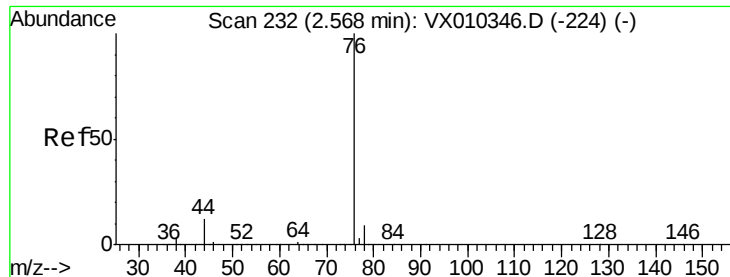
Tgt Ion: 43 Resp: 3363

Ion Ratio Lower Upper

43 100

58 31.7 28.9 43.3





#17

Carbon Disulfide

Concen: 0.205 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

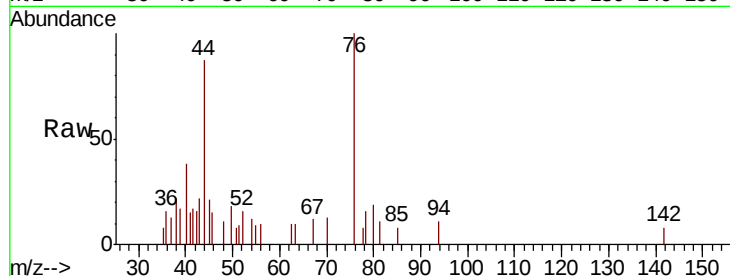
FL-0572

Tot Ion: 76 Resp: 1172

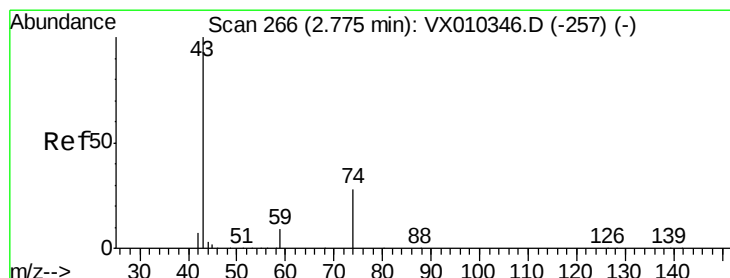
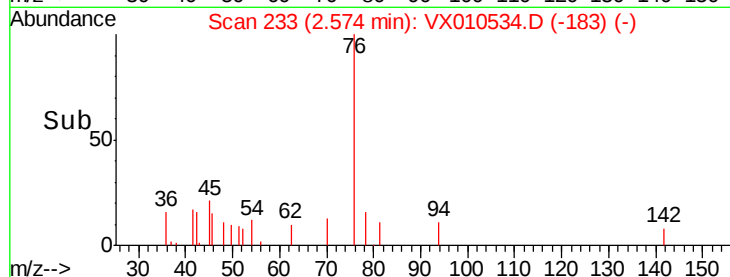
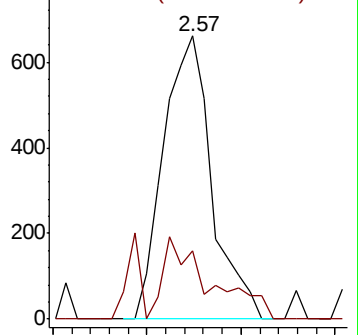
Ion Ratio Lower Upper

76 100

78 24.1 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0



#18

Methyl Acetate

Concen: 0.204 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010534.D

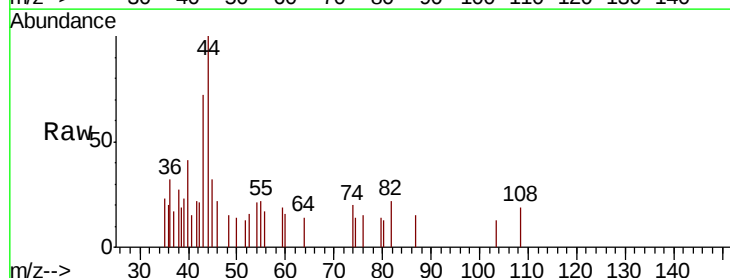
Acq: 28 Jun 2019 14:14

Tgt Ion: 43 Resp: 469

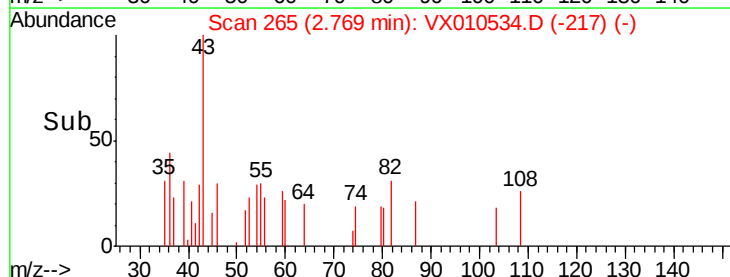
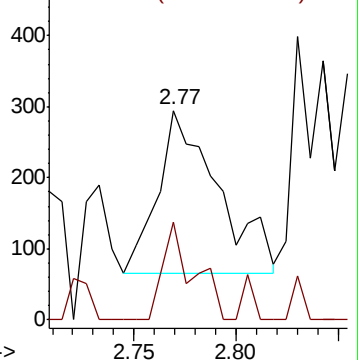
Ion Ratio Lower Upper

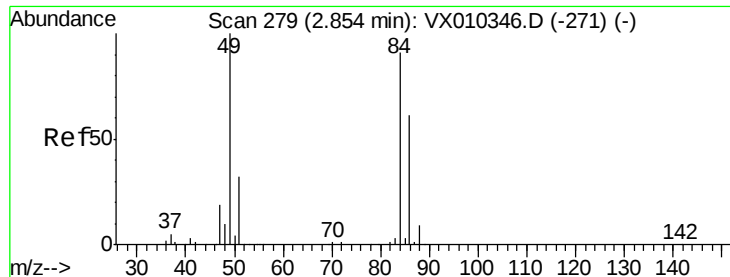
43 100

74 30.5 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

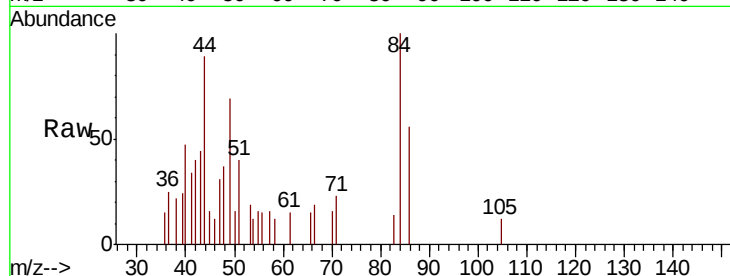




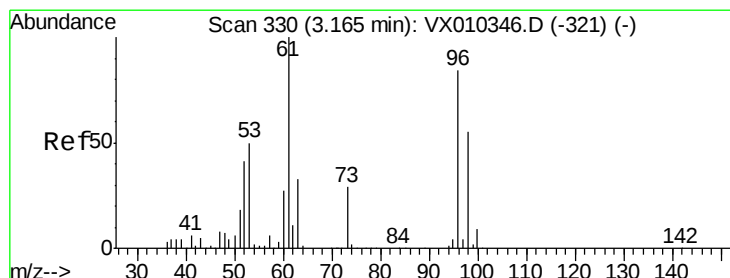
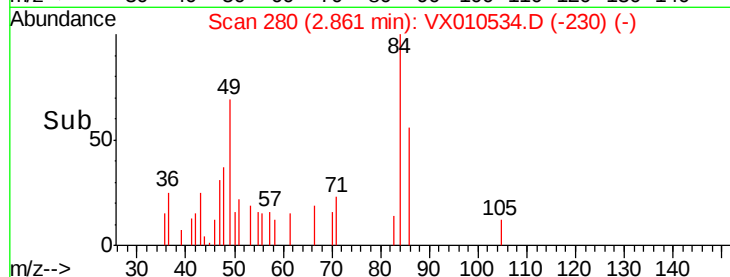
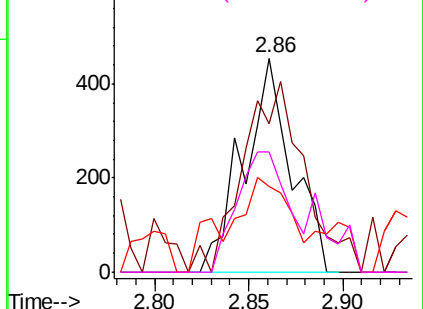
#20
Methvlene Chloride
Concen: 0.340 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Instrument :
MSVOA_X
ClientSampled :
FL-0572

Tot Ion: 84 Resp: 807
Ion Ratio Lower Upper
84 100
49 69.2 87.5 131.3#
51 40.1 27.7 41.5
86 56.2 53.4 80.0

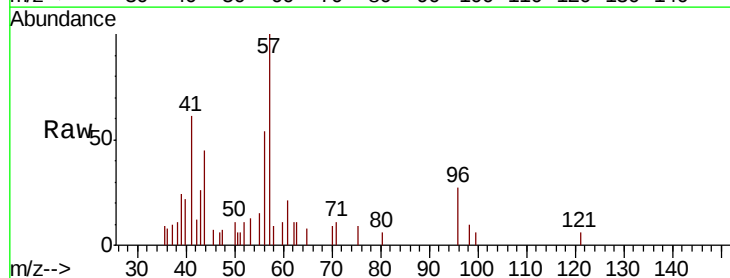


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

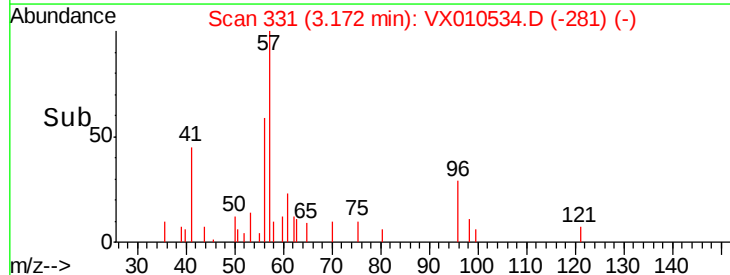
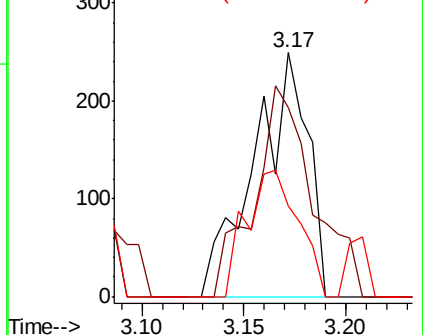


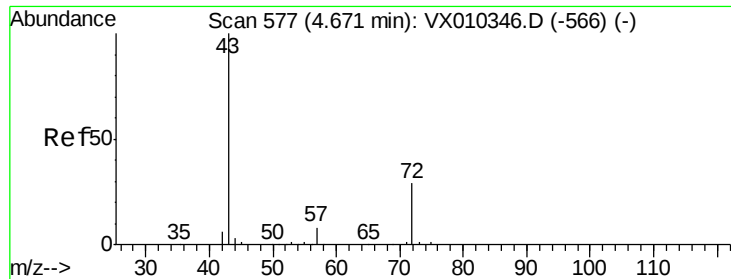
#21
trans-1,2-Dichloroethene
Concen: 0.200 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Tgt Ion: 96 Resp: 458
Ion Ratio Lower Upper
96 100
61 77.5 95.6 143.4#
98 36.9 52.5 78.7#



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 0.222 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

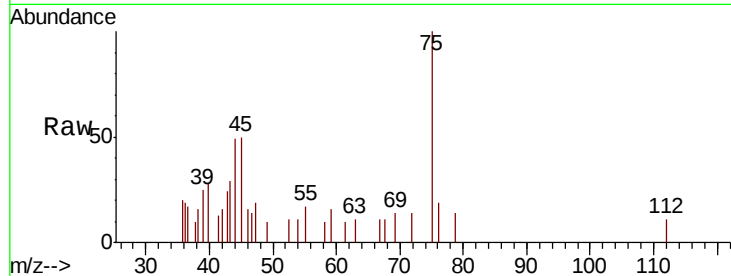
FL-0572

Tot Ion: 43 Resp: 376

Ion Ratio Lower Upper

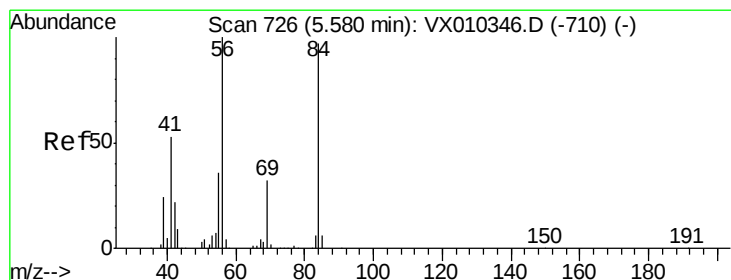
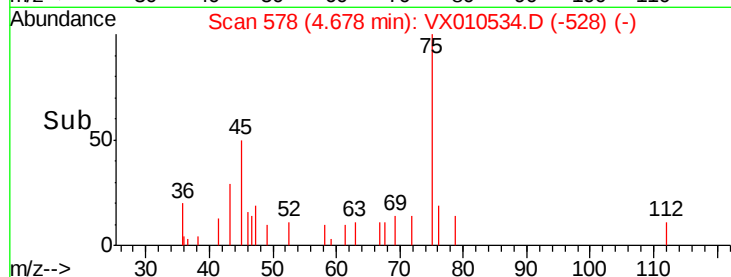
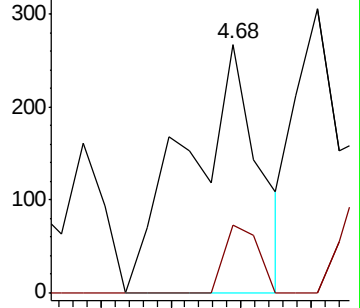
43 100

72 26.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 1.745 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

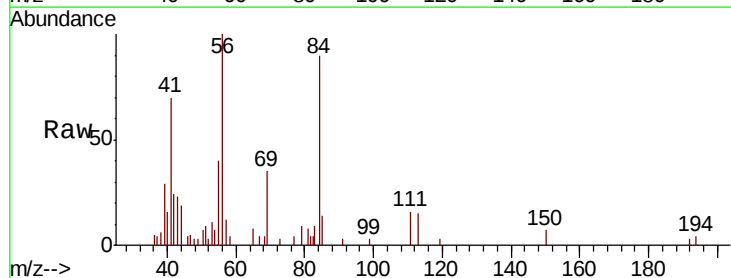
Tgt Ion: 56 Resp: 5804

Ion Ratio Lower Upper

56 100

69 32.2 25.9 38.9

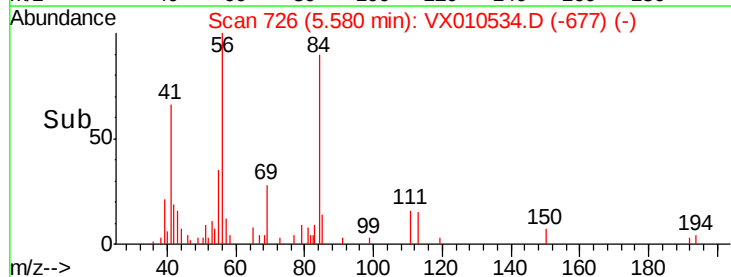
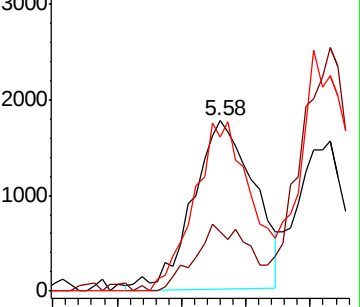
84 93.4 78.0 117.0

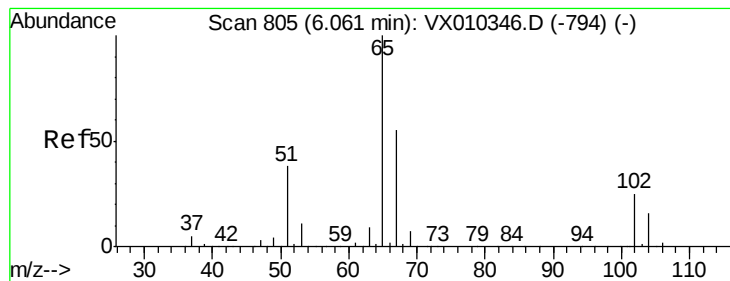


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.616 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampled :

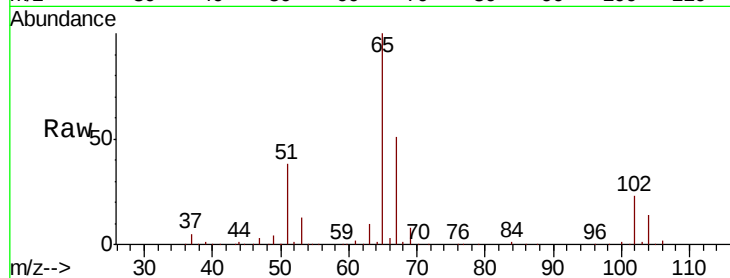
FL-0572

Tot Ion: 65 Resp: 118879

Ion Ratio Lower Upper

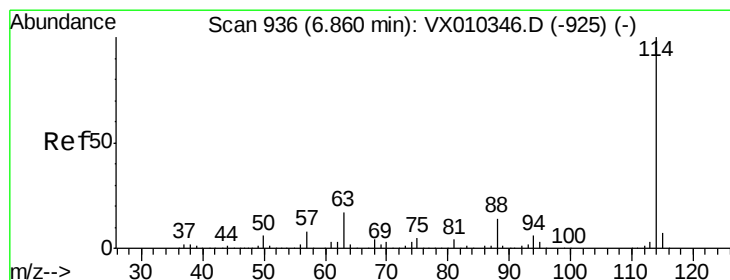
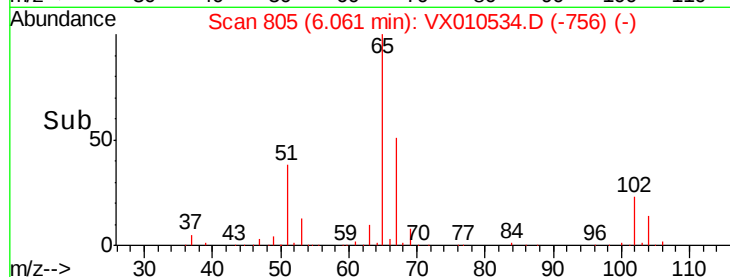
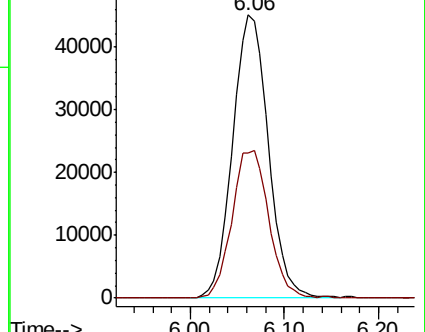
65 100

67 54.1 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: VX010534.D

Acq: 28 Jun 2019 14:14

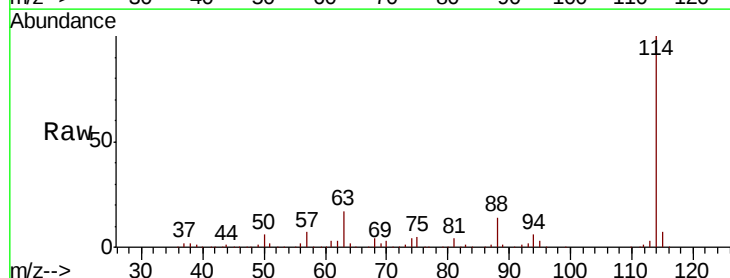
Tgt Ion: 114 Resp: 380923

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

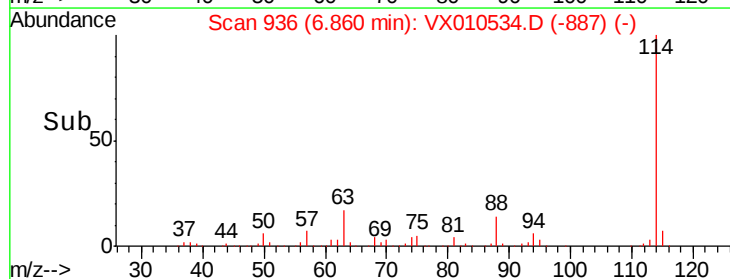
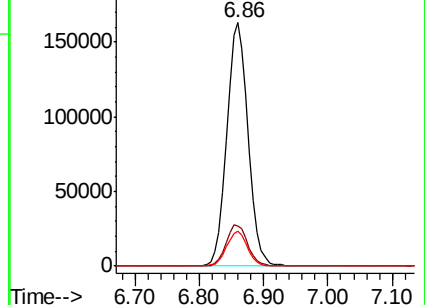
88 14.5 0.0 27.6

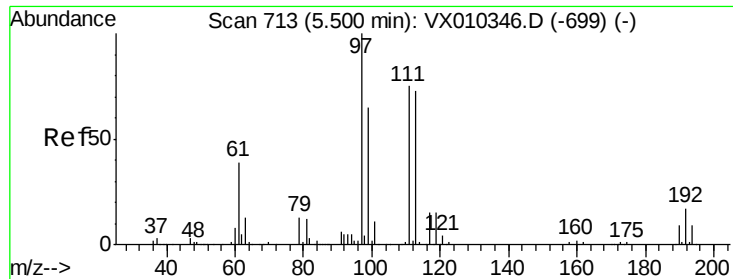


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

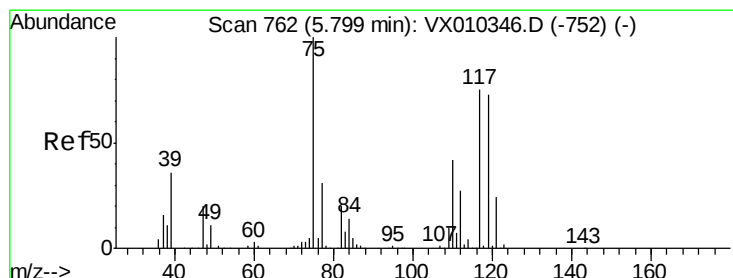
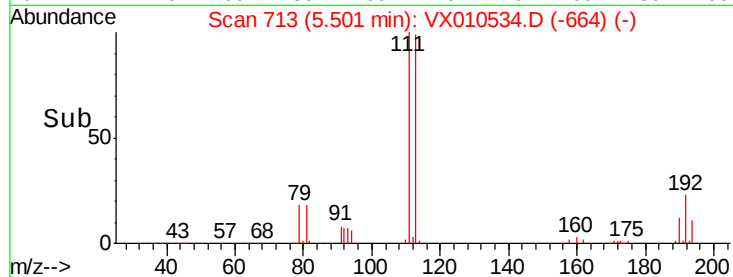
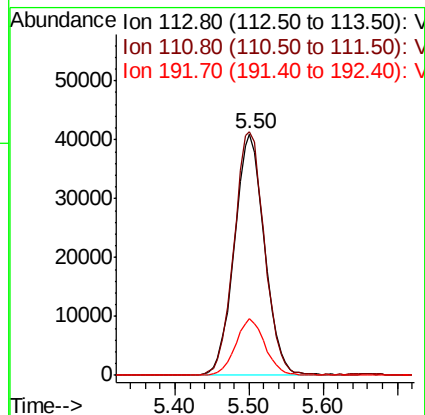
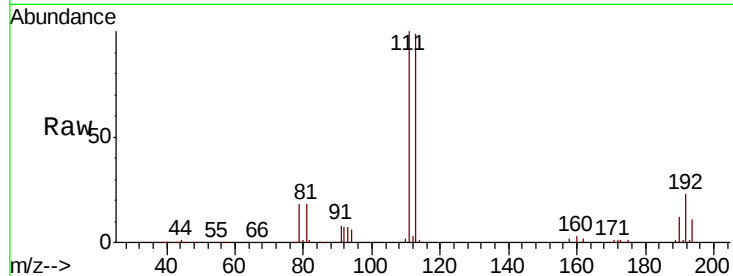




#35
 Dibromofluoromethane
 Concen: 49.824 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010534.D
 Acq: 28 Jun 2019 14:14

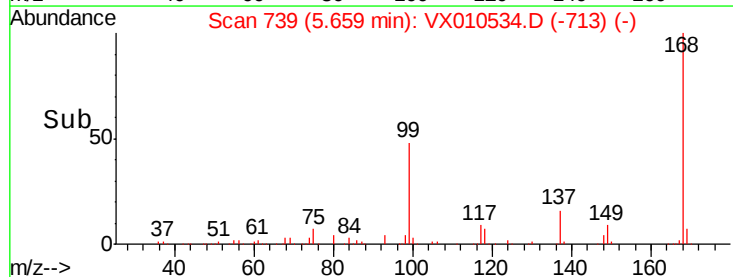
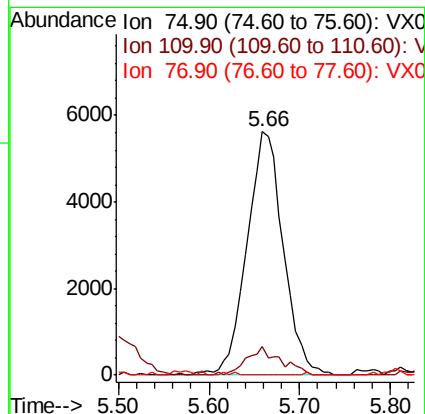
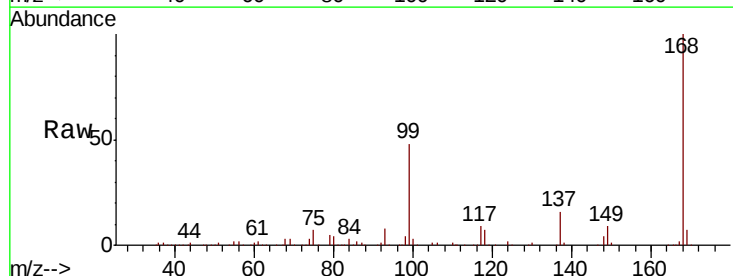
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0572

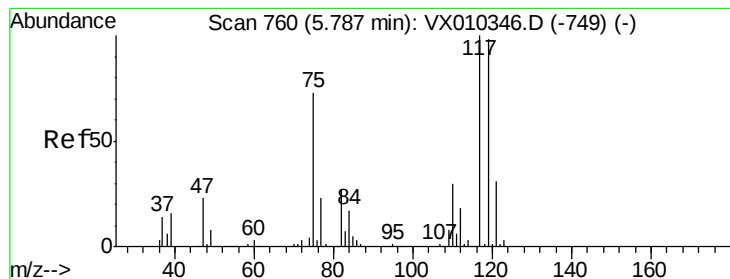
Tot Ion:113 Resp: 116122
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.2 121.8
 192 22.7 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.155 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010534.D
 Acq: 28 Jun 2019 14:14

Tgt Ion: 75 Resp: 15603
 Ion Ratio Lower Upper
 75 100
 110 10.8 20.8 62.2#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.878 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0572

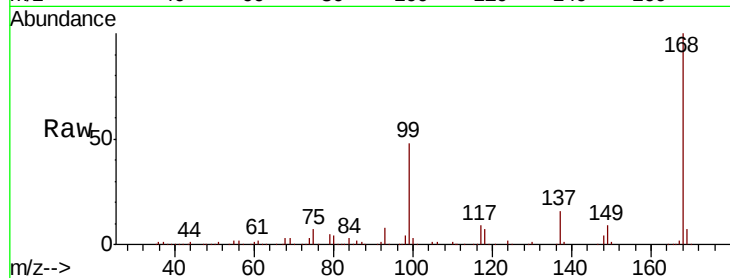
Tot Ion:117 Resp: 22546

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.4#

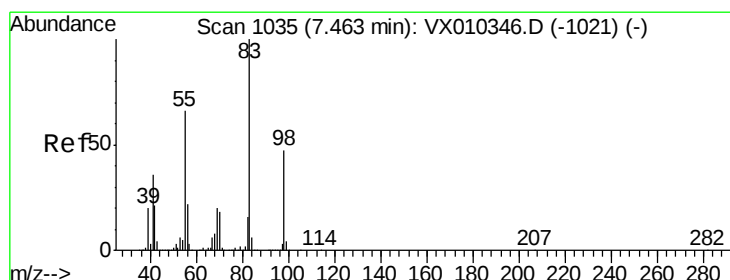
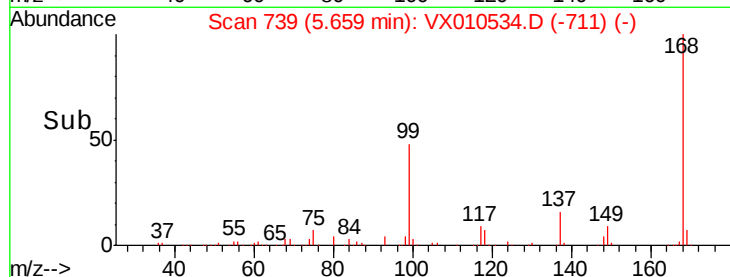
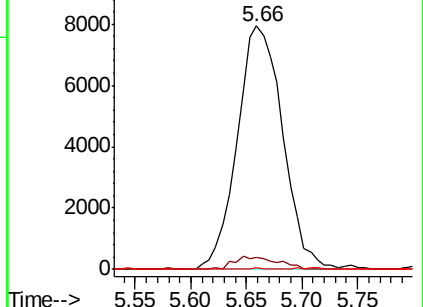
121 0.7 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 4.852 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

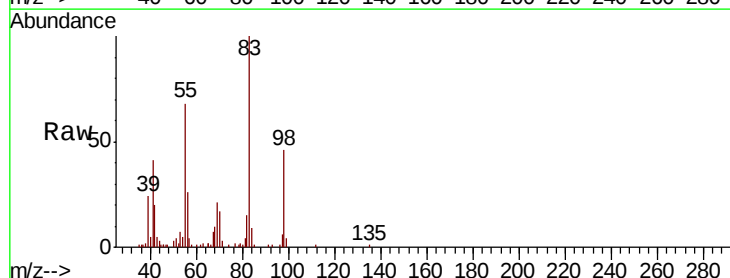
Tgt Ion: 83 Resp: 19307

Ion Ratio Lower Upper

83 100

55 67.6 53.0 79.6

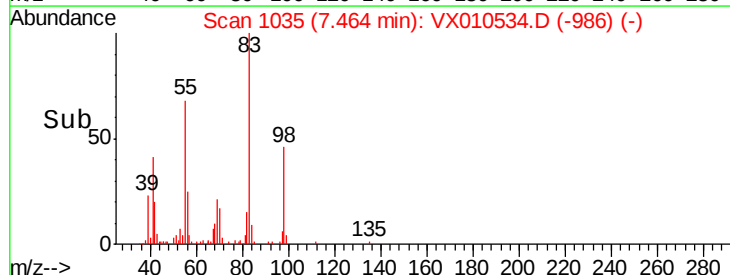
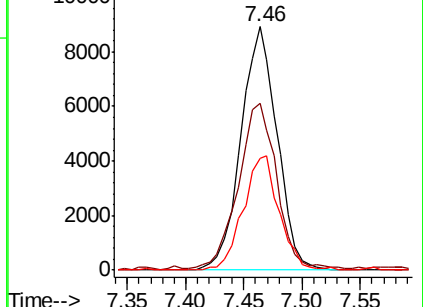
98 46.0 37.8 56.8

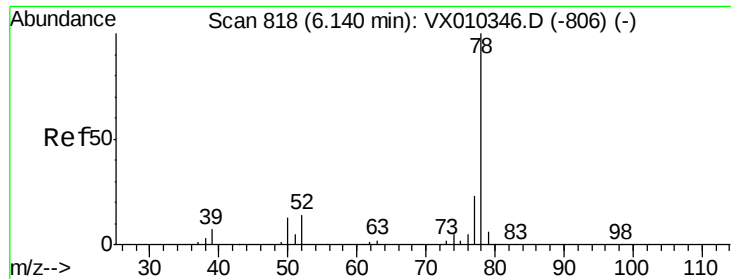


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.363 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampled :

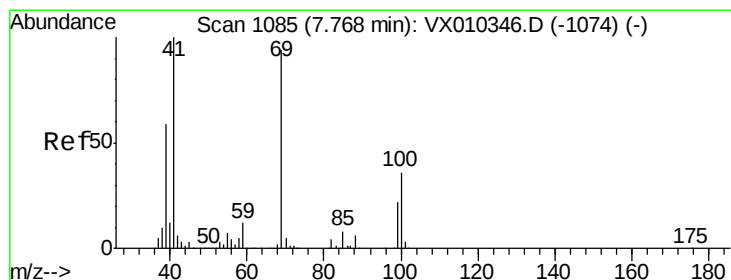
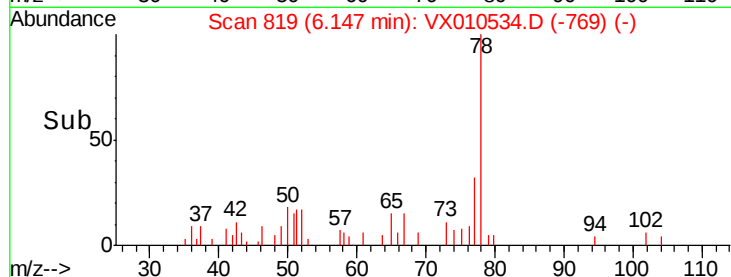
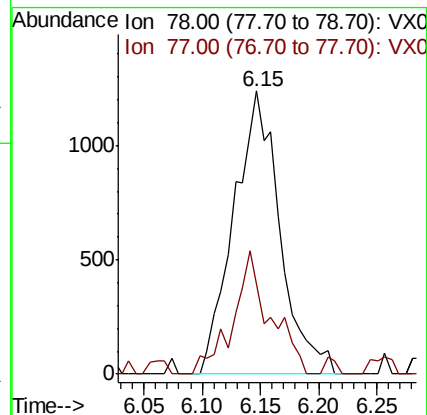
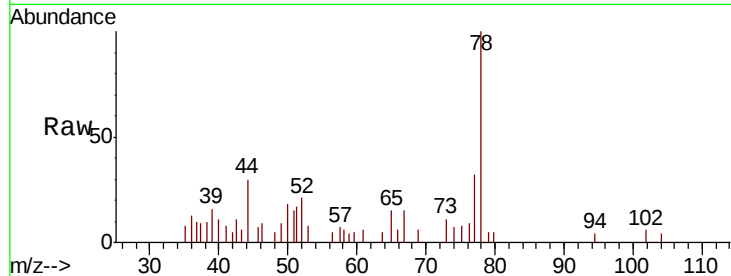
FL-0572

Tot Ion: 78 Resp: 3420

Ion Ratio Lower Upper

78 100

77 32.1 18.6 28.0#



#48

Methyl methacrylate

Concen: 0.583 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.03 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

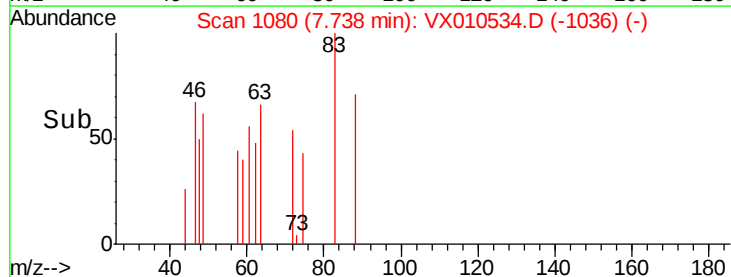
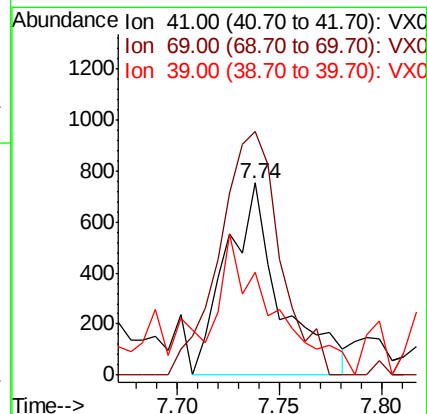
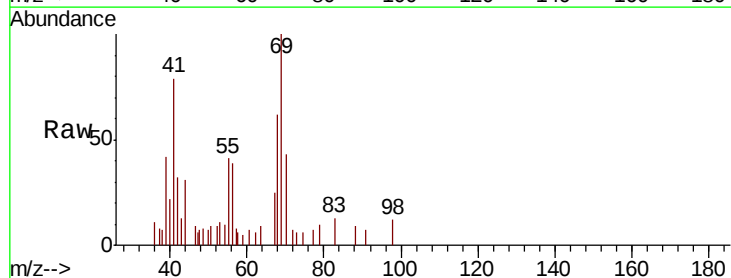
Tgt Ion: 41 Resp: 1397

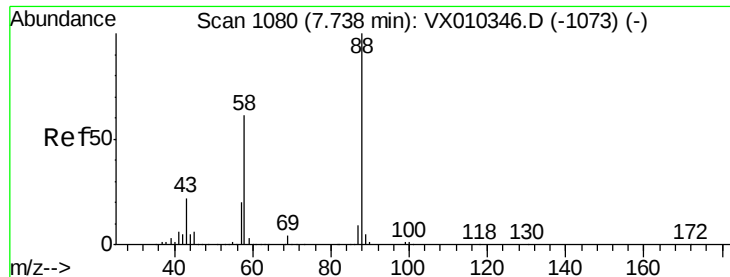
Ion Ratio Lower Upper

41 100

69 141.4 76.1 114.1#

39 68.9 47.6 71.4

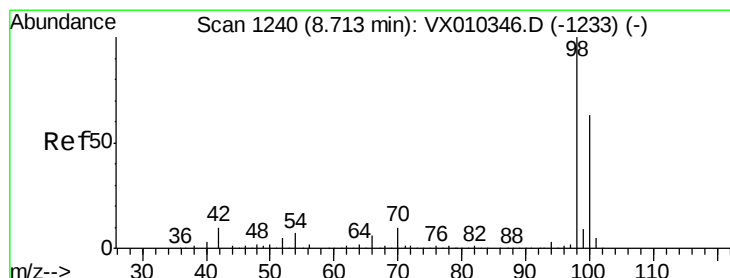
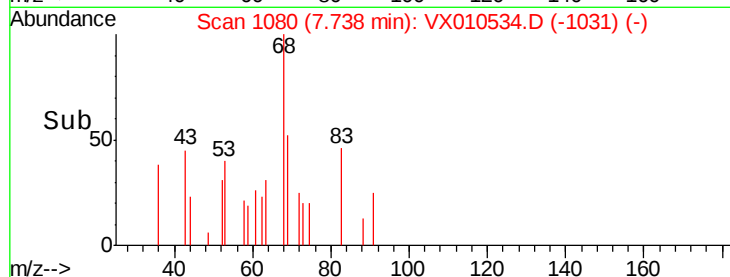
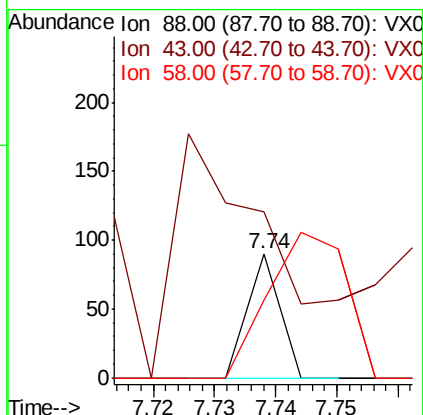
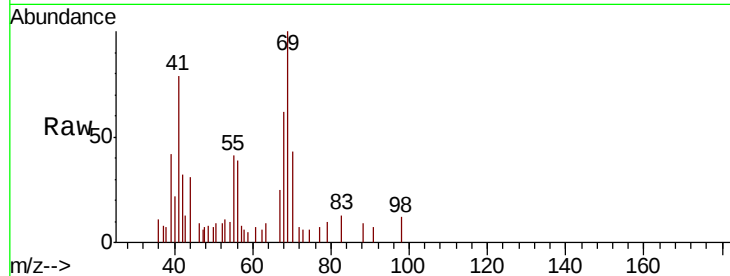




#49
1,4-Dioxane
Concen: 0.478 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

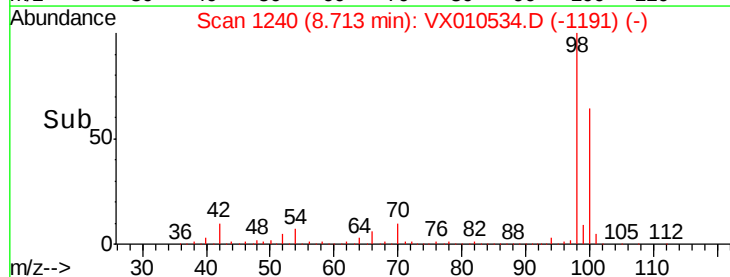
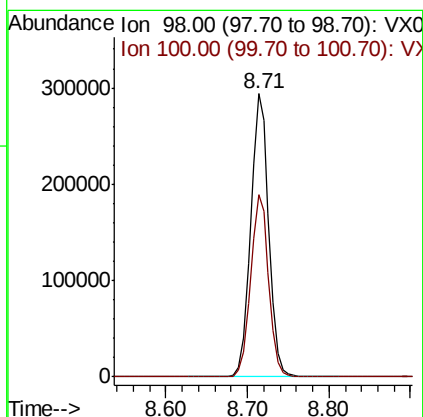
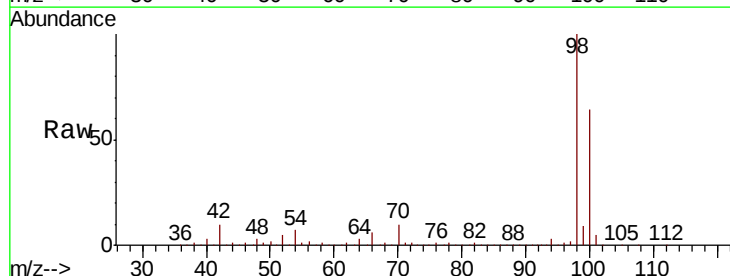
Instrument :
MSVOA_X
ClientSampled :
FL-0572

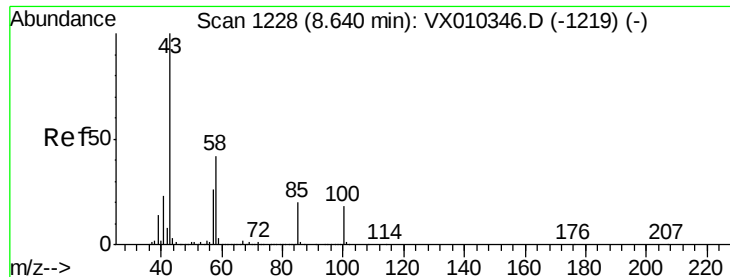
Tot Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 593.9 20.2 30.2#
58 284.8 49.5 74.3#



#50
Toluene-d8
Concen: 50.839 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Tgt Ion: 98 Resp: 453308
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 0.288 ug/l

RT: 8.67 min Scan# 1233

Delta R.T. 0.03 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

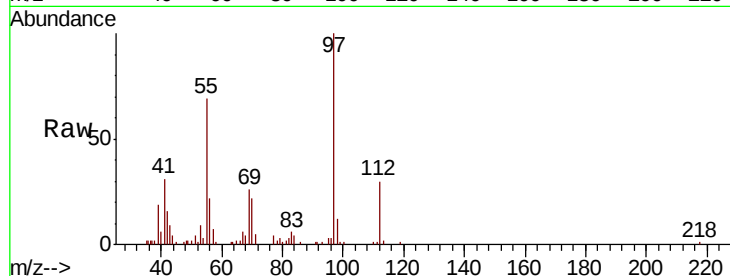
FL-0572

Tot Ion: 43 Resp: 950

Ion Ratio Lower Upper

43 100

58 0.0 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

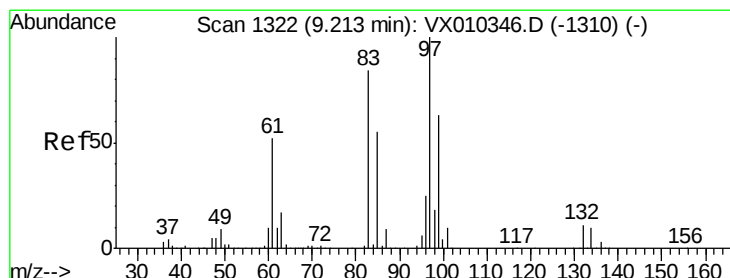
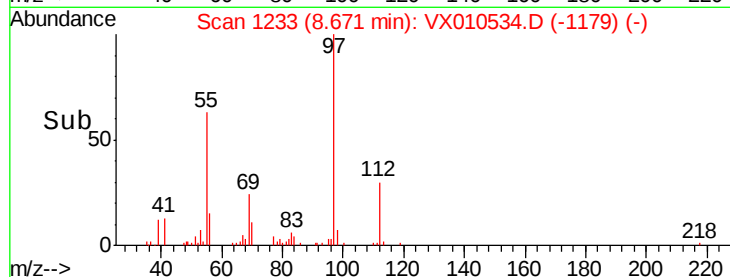
1500

1000

500

0

Time--> 8.60 8.65 8.70



#55

1,1,2-Trichloroethane

Concen: 1.714 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Tgt Ion: 97 Resp: 4390

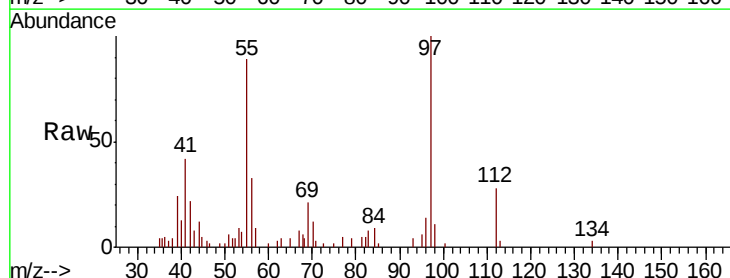
Ion Ratio Lower Upper

97 100

83 7.8 67.4 101.0#

85 2.1 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

4000

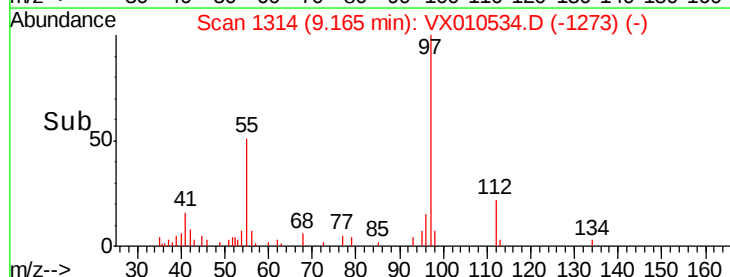
3000

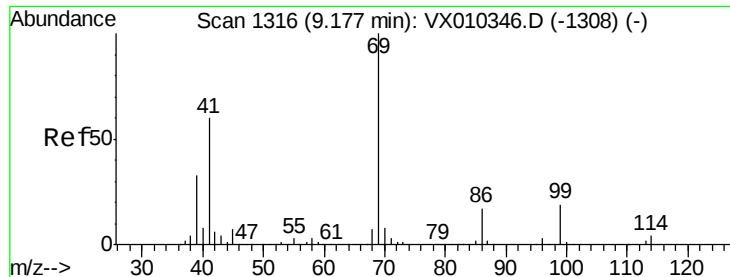
2000

1000

0

Time--> 9.10 9.15 9.20





#56

Ethyl methacrylate

Concen: 0.304 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampled :

FL-0572

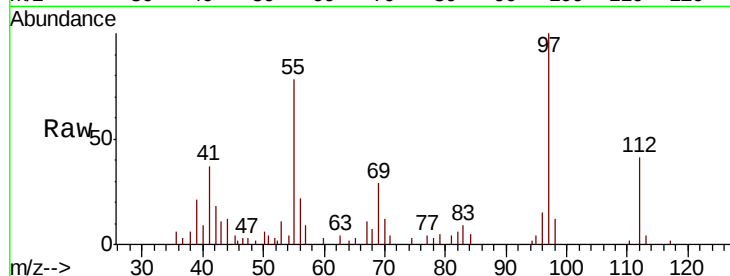
Tot Ion: 69 Resp: 1179

Ion Ratio Lower Upper

69 100

41 153.9 47.1 70.7#

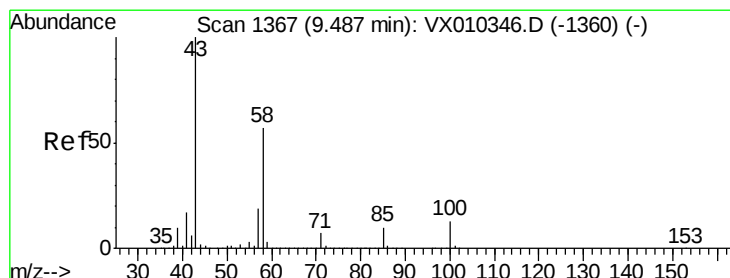
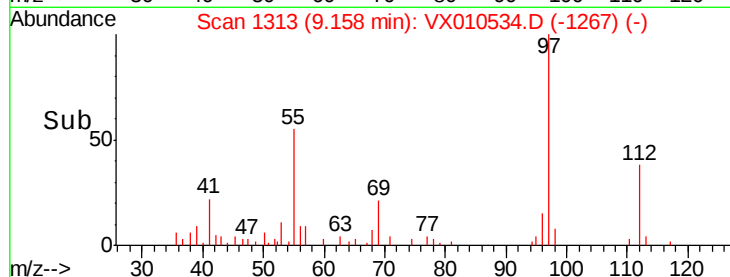
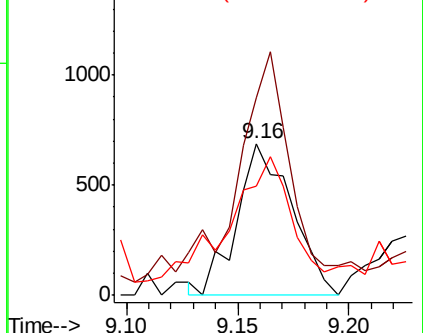
39 93.2 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 0.328 ug/l

RT: 9.55 min Scan# 1378

Delta R.T. 0.07 min

Lab File: VX010534.D

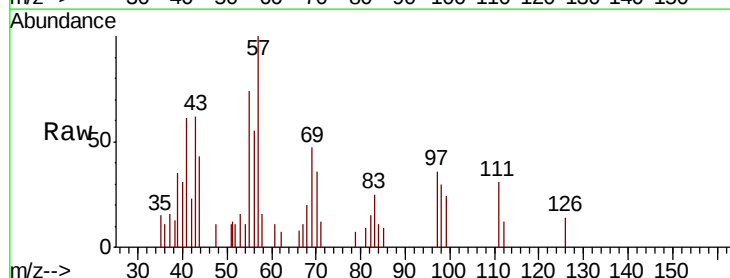
Acq: 28 Jun 2019 14:14

Tgt Ion: 43 Resp: 850

Ion Ratio Lower Upper

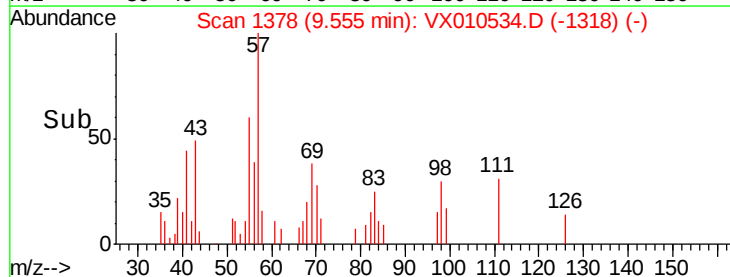
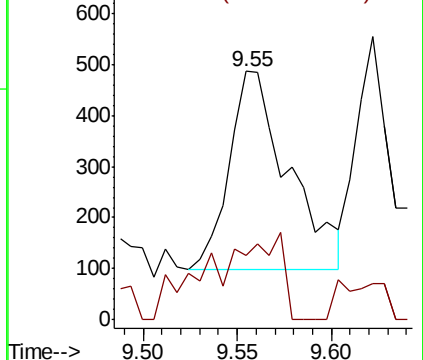
43 100

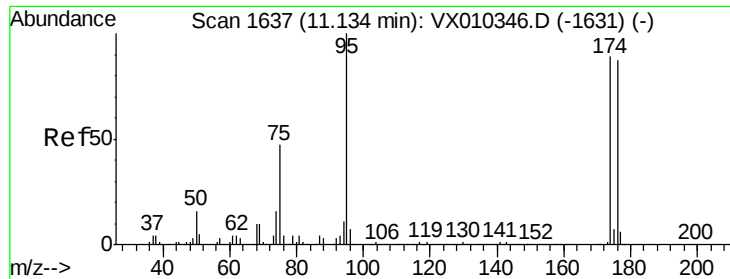
58 52.4 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.767 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0572

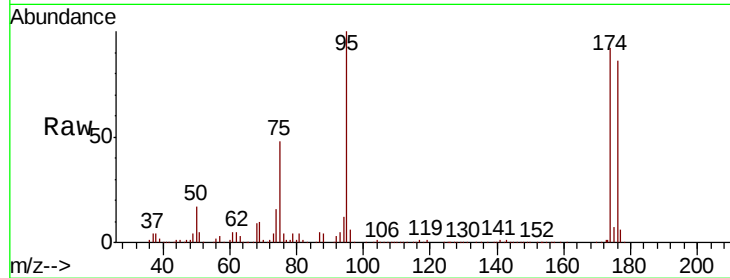
Tot Ion: 95 Resp: 150549

Ion Ratio Lower Upper

95 100

174 95.0 0.0 187.6

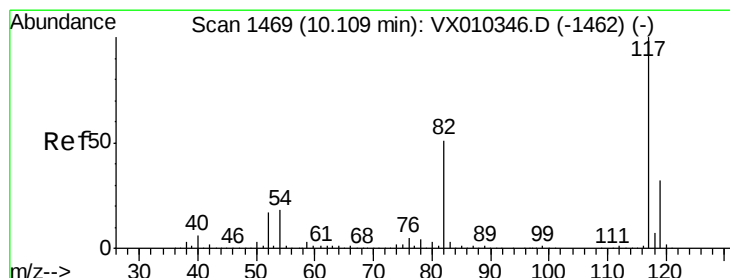
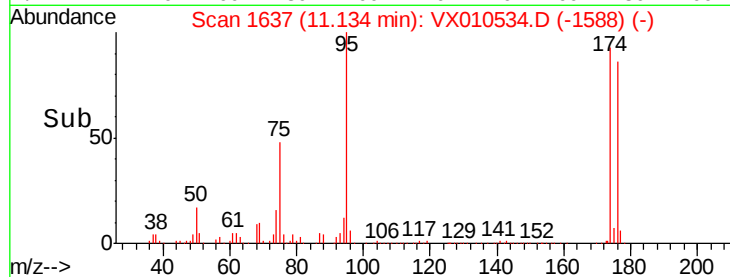
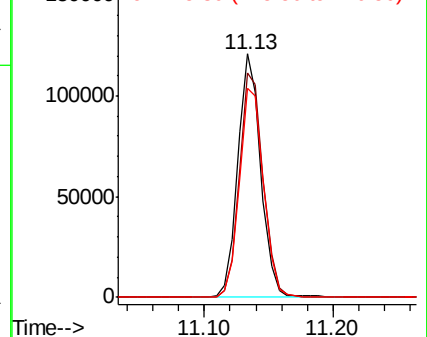
176 90.1 0.0 184.0



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: VX010534.D

Acq: 28 Jun 2019 14:14

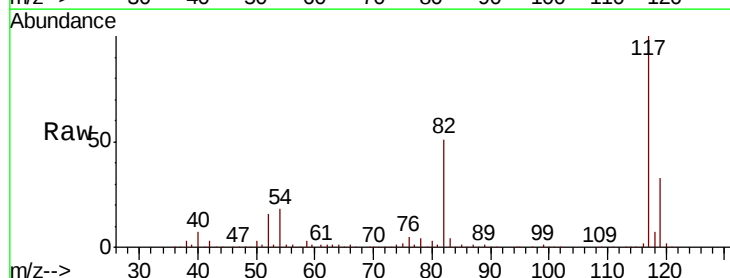
Tgt Ion: 117 Resp: 342269

Ion Ratio Lower Upper

117 100

82 51.0 41.2 61.8

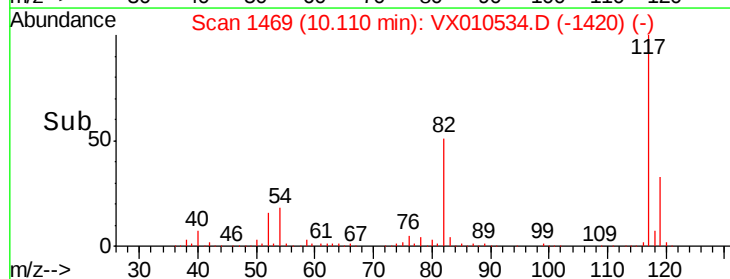
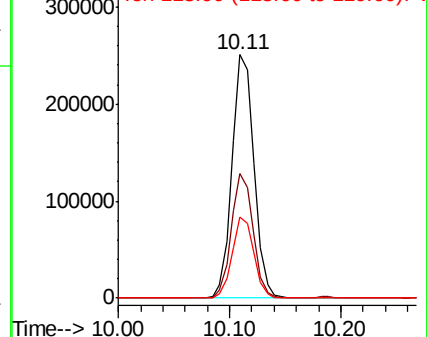
119 33.4 25.5 38.3

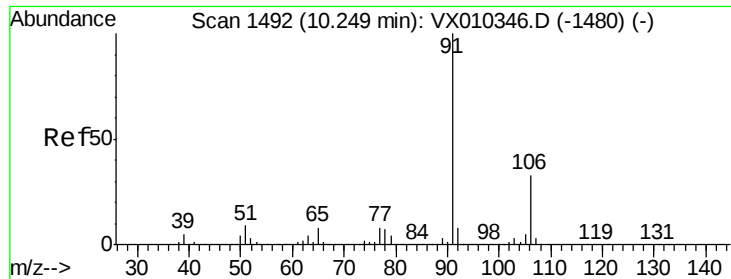


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

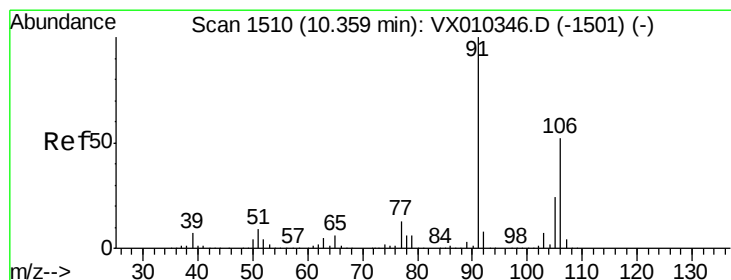
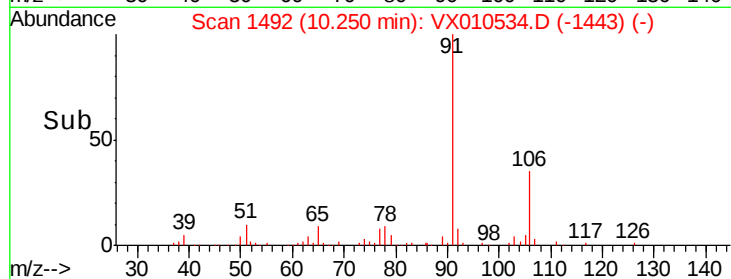
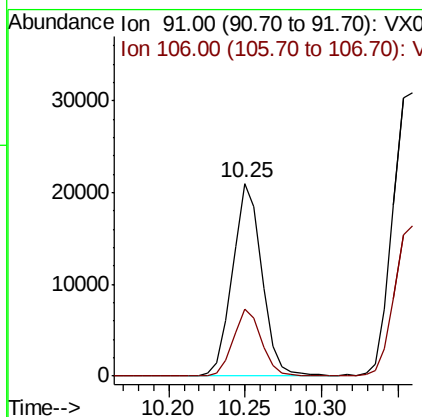
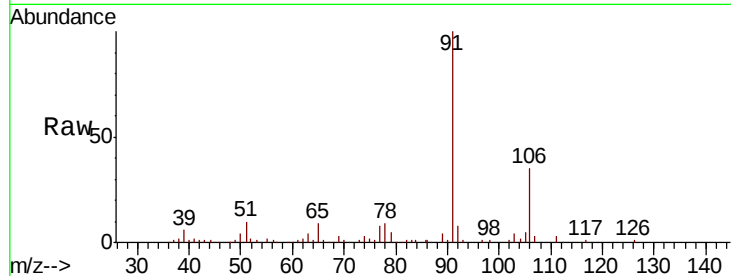




#67
Ethyl Benzene
Concen: 2.391 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

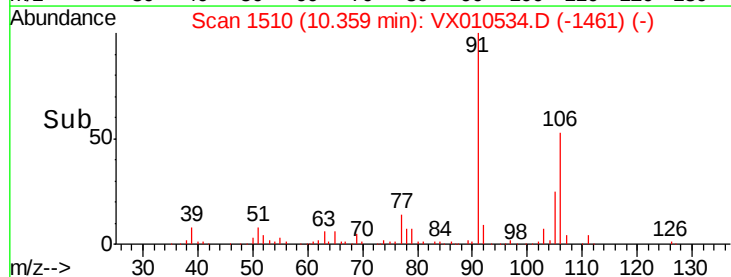
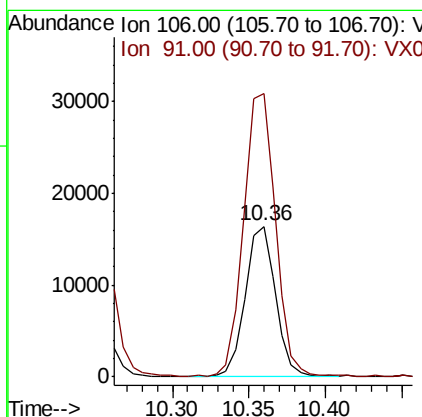
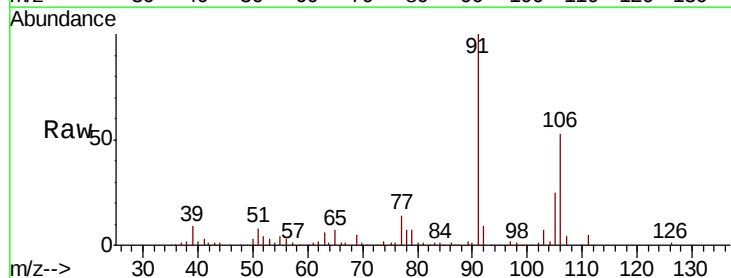
Instrument :
MSVOA_X
ClientSampleId :
FL-0572

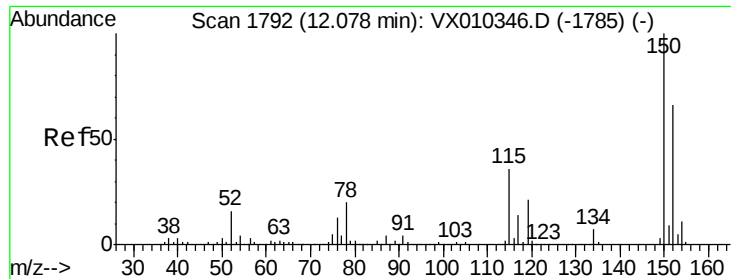
Tot Ion: 91 Resp: 28046
Ion Ratio Lower Upper
91 100
106 34.5 26.2 39.2



#68
m/p-Xylenes
Concen: 4.982 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Tgt Ion: 106 Resp: 22647
Ion Ratio Lower Upper
106 100
91 196.6 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0572

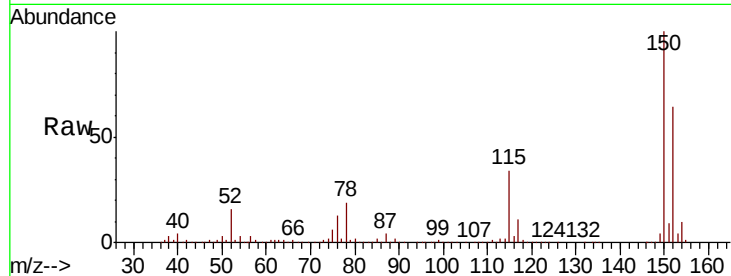
Tot Ion:152 Resp: 157317

Ion Ratio Lower Upper

152 100

115 54.7 38.6 115.7

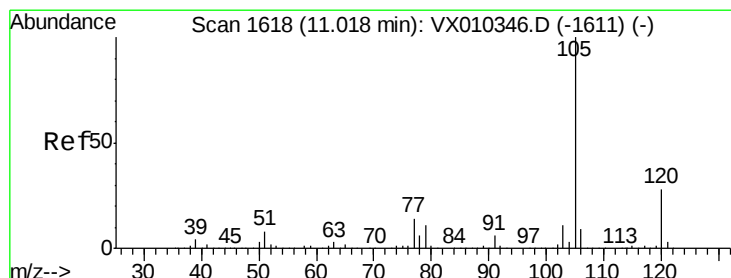
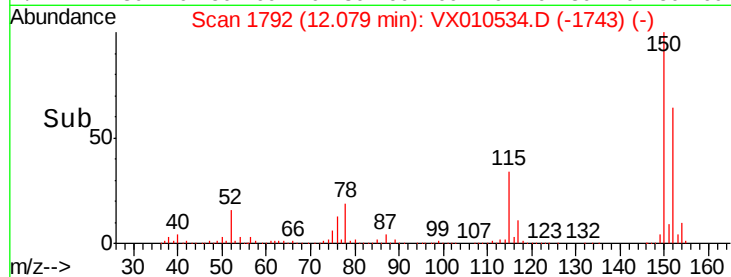
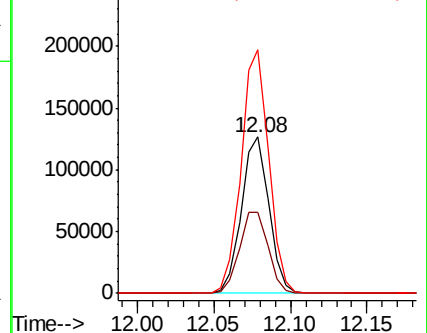
150 156.4 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.518 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010534.D

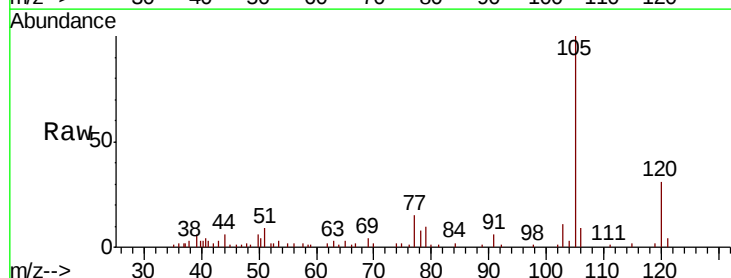
Acq: 28 Jun 2019 14:14

Tgt Ion:105 Resp: 5524

Ion Ratio Lower Upper

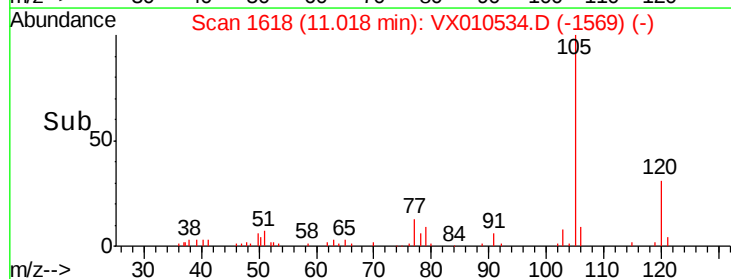
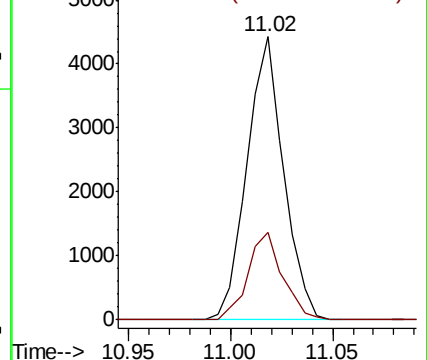
105 100

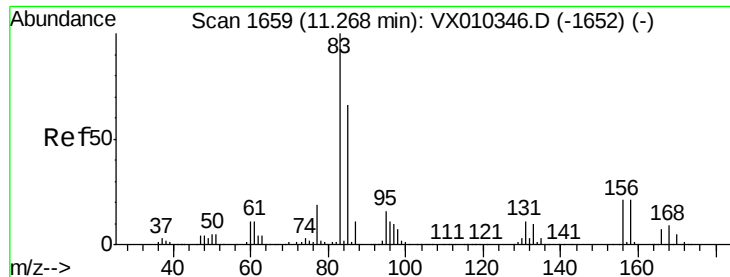
120 29.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.216 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

FL-0572

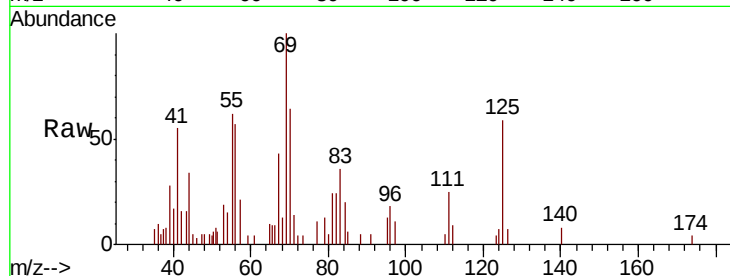
Tot Ion: 83 Resp: 764

Ion Ratio Lower Upper

83 100

131 6.2 5.5 16.4

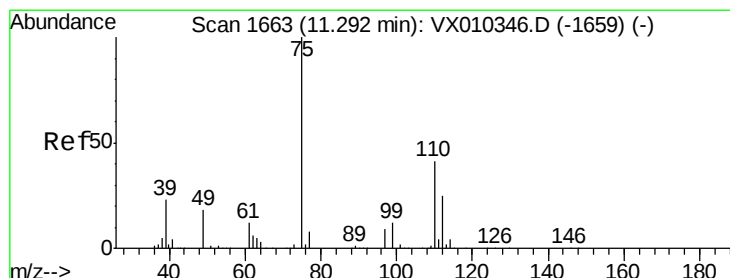
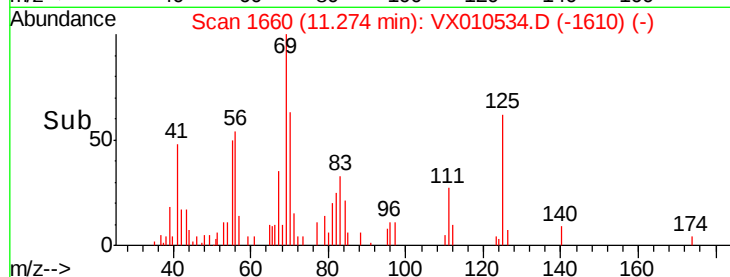
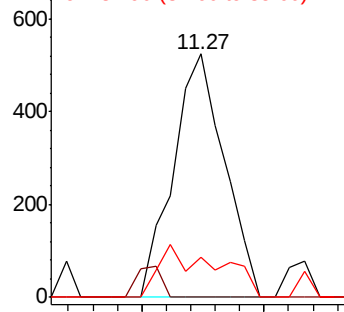
85 24.5 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.763 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010534.D

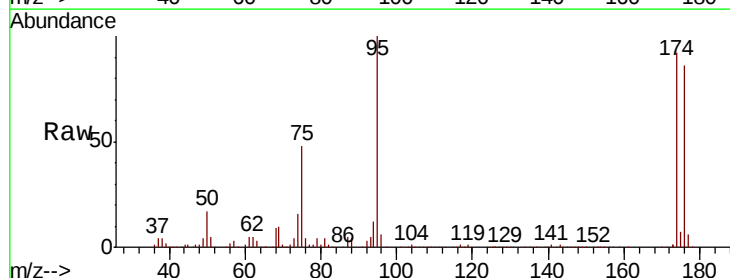
Acq: 28 Jun 2019 14:14

Tgt Ion: 75 Resp: 70989

Ion Ratio Lower Upper

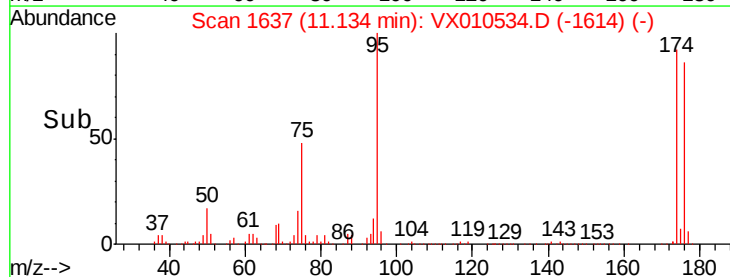
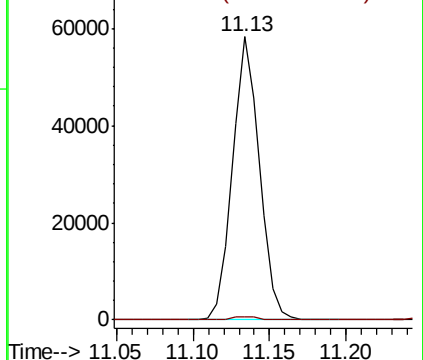
75 100

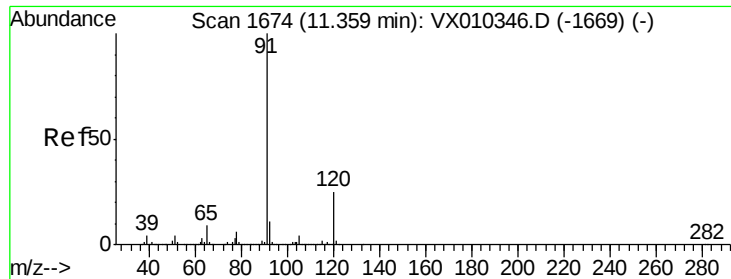
77 1.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.564 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampled :

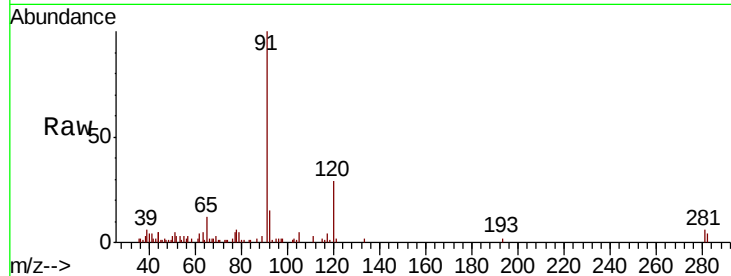
FL-0572

Tot Ion: 91 Resp: 6606

Ion Ratio Lower Upper

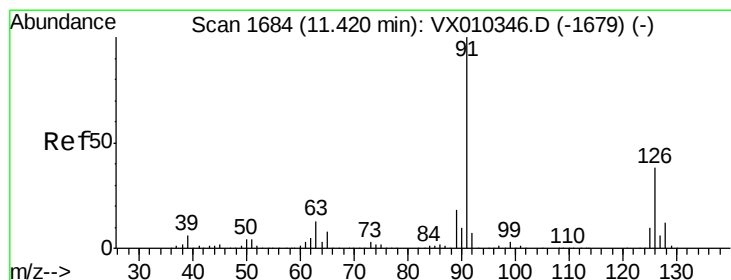
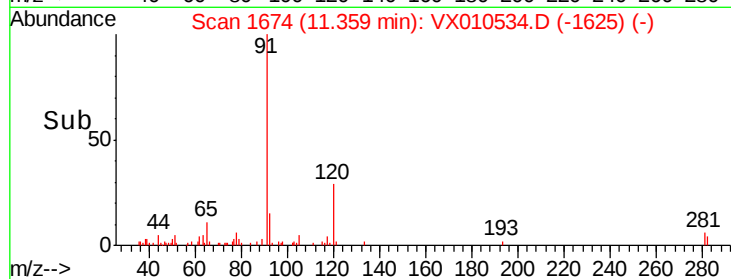
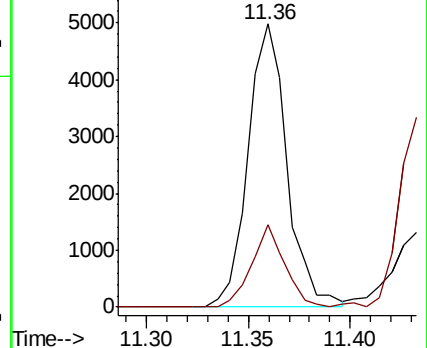
91 100

120 24.6 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: 0.207 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.09 min

Lab File: VX010534.D

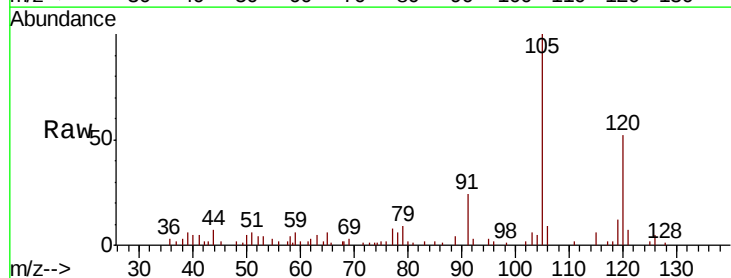
Acq: 28 Jun 2019 14:14

Tgt Ion: 91 Resp: 1442

Ion Ratio Lower Upper

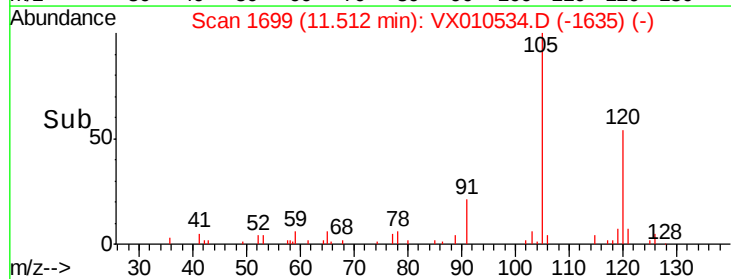
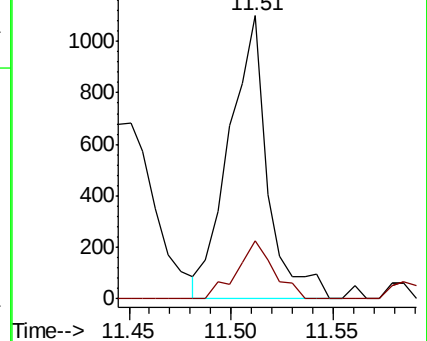
91 100

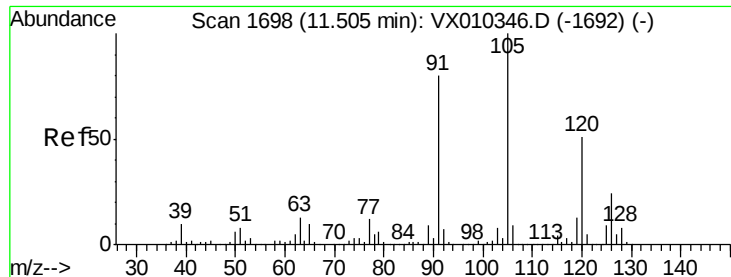
126 19.6 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

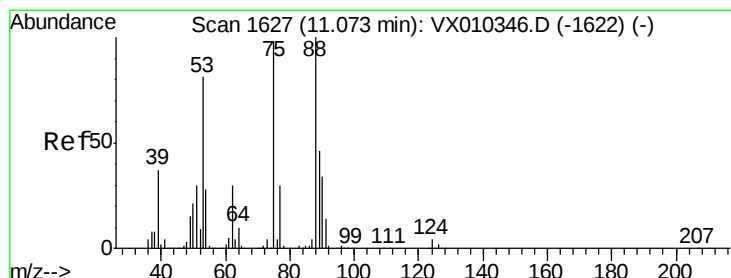
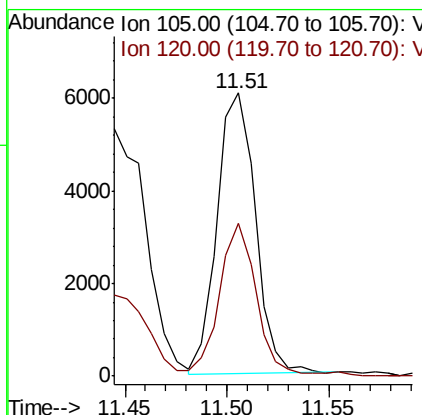
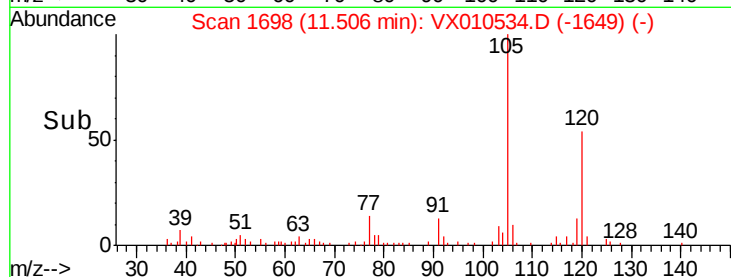
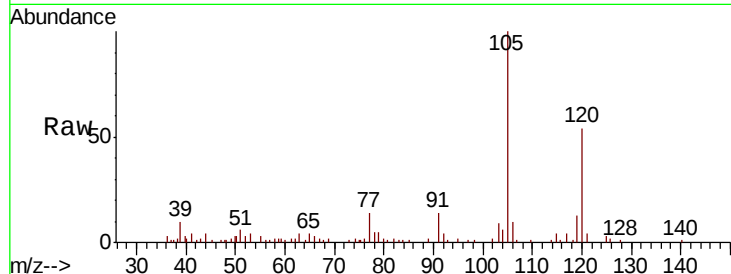




#80
 1,3,5-Trimethylbenzene
 Concen: 0.895 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010534.D
 Acq: 28 Jun 2019 14:14

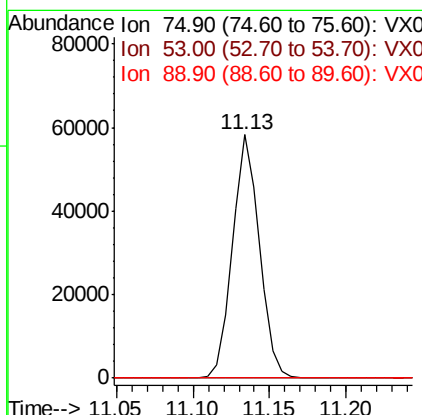
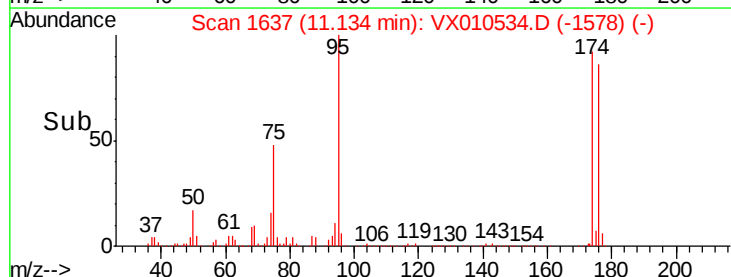
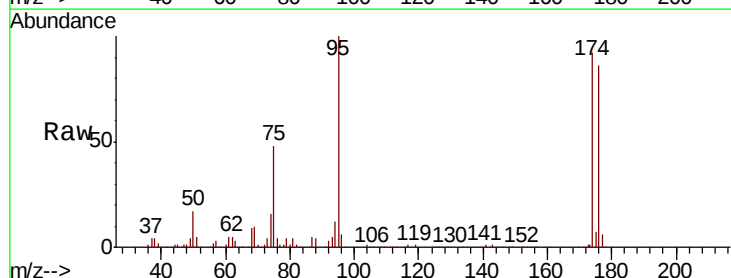
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0572

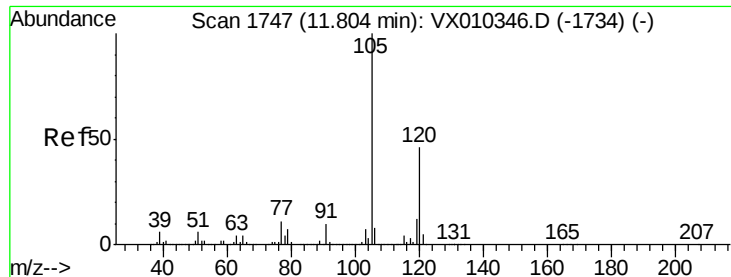
Tot Ion:105 Resp: 7869
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.770 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010534.D
 Acq: 28 Jun 2019 14:14

Tgt Ion: 75 Resp: 70989
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#





#84

1,2,4-Trimethylbenzene

Concen: 1.889 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

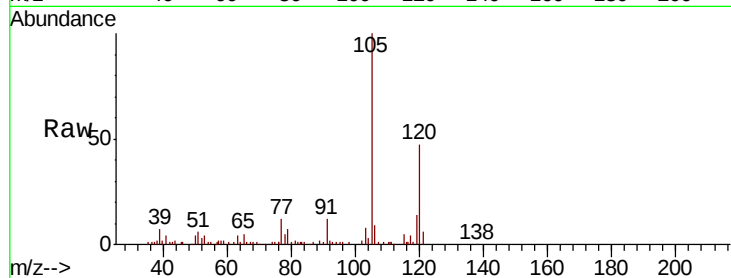
FL-0572

Tot Ion:105 Resp: 16688

Ion Ratio Lower Upper

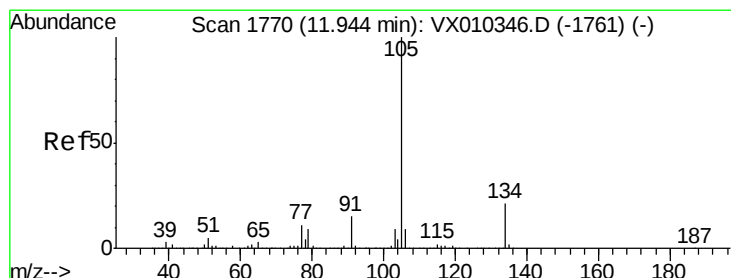
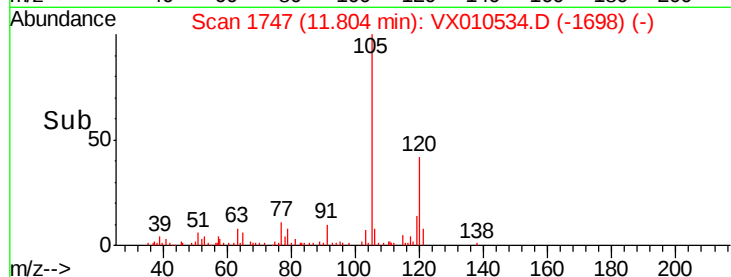
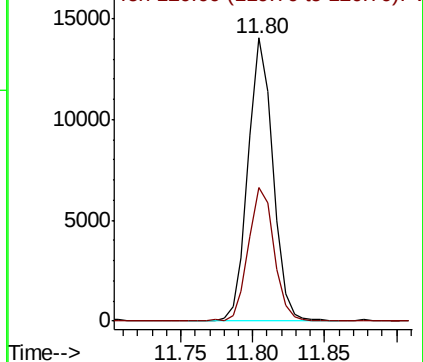
105 100

120 48.7 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.247 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010534.D

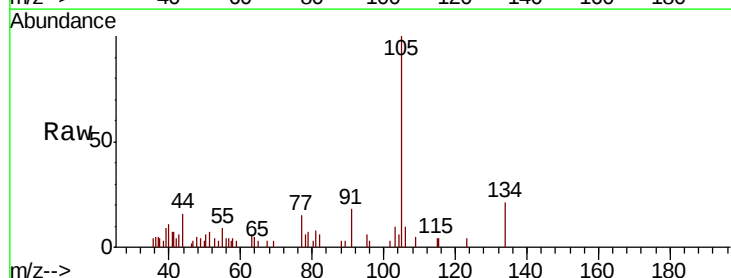
Acq: 28 Jun 2019 14:14

Tgt Ion:105 Resp: 2556

Ion Ratio Lower Upper

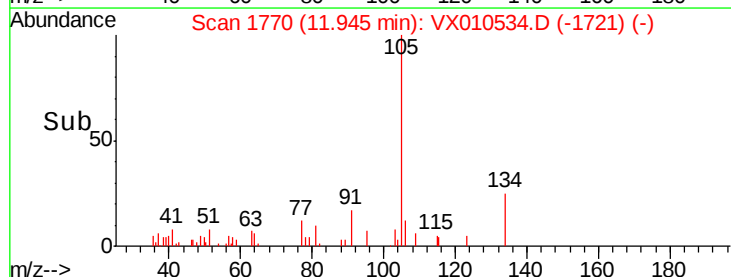
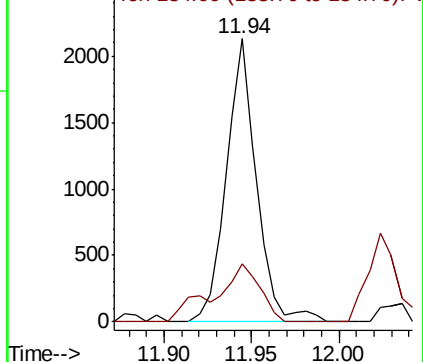
105 100

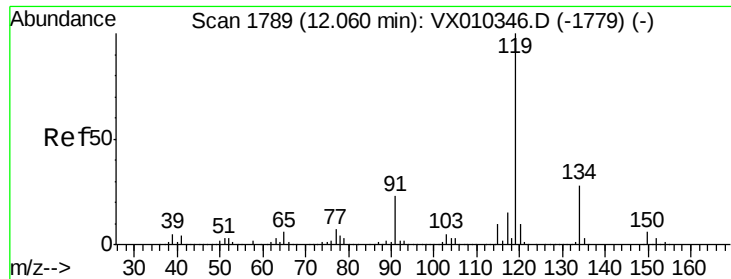
134 31.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

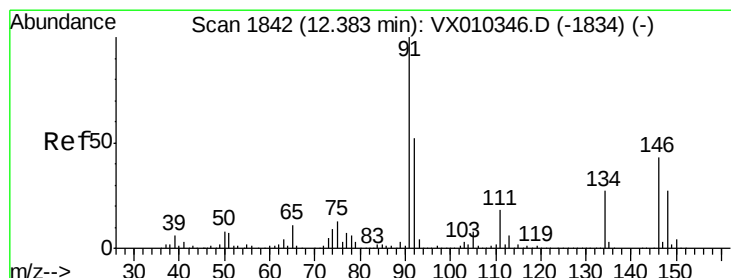
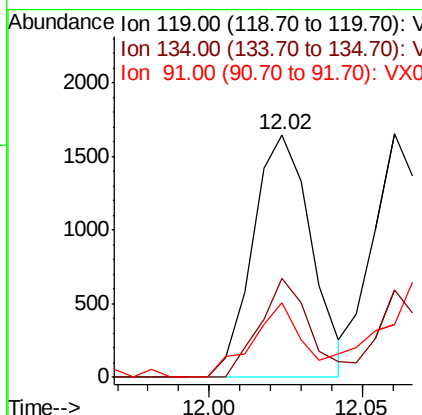
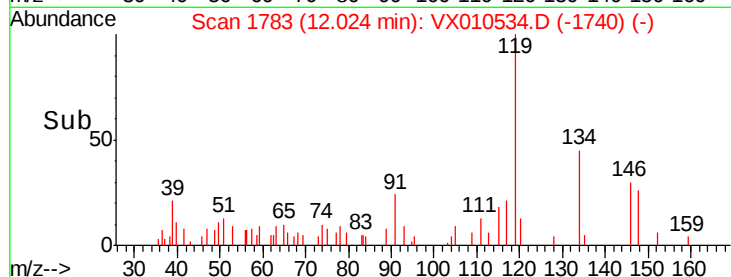
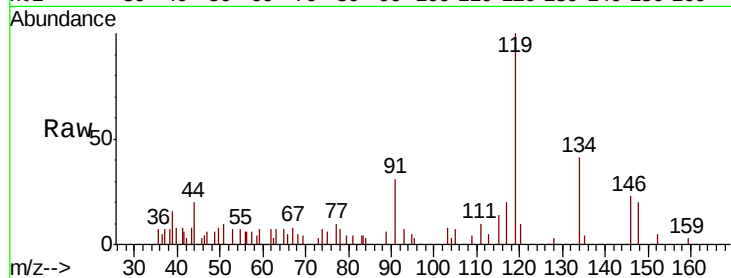




#86
p-Isopropyltoluene
Concen: 0.229 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

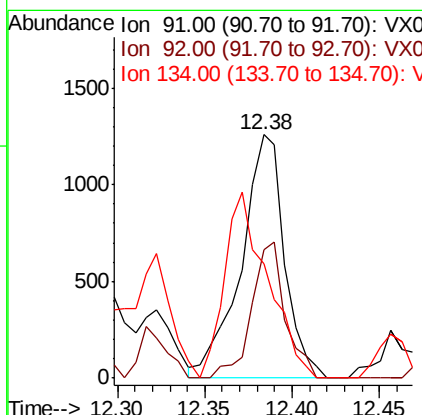
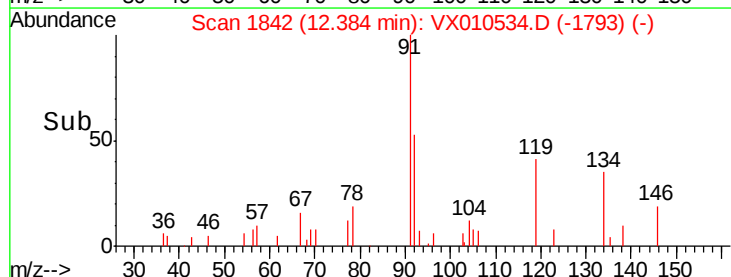
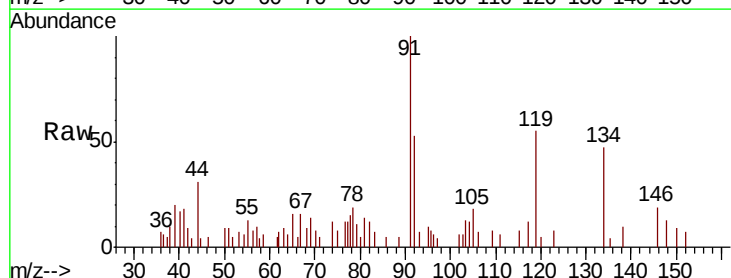
Instrument :
MSVOA_X
ClientSampled :
FL-0572

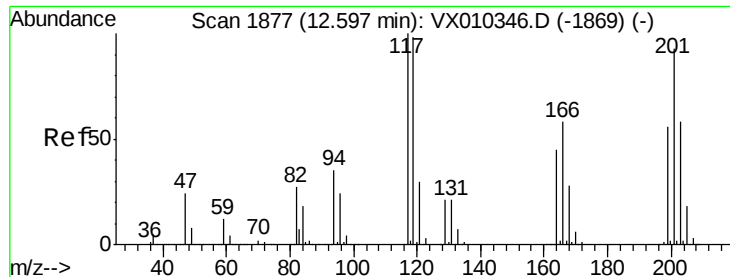
Tot Ion: 119 Resp: 2190
Ion Ratio Lower Upper
119 100
134 35.8 13.7 41.1
91 25.7 11.3 33.8



#89
n-Butylbenzene
Concen: 0.267 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Tgt Ion: 91 Resp: 2172
Ion Ratio Lower Upper
91 100
92 43.2 26.2 78.5
134 75.5 14.1 42.4#





#90

Hexachloroethane

Concen: 0.346 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

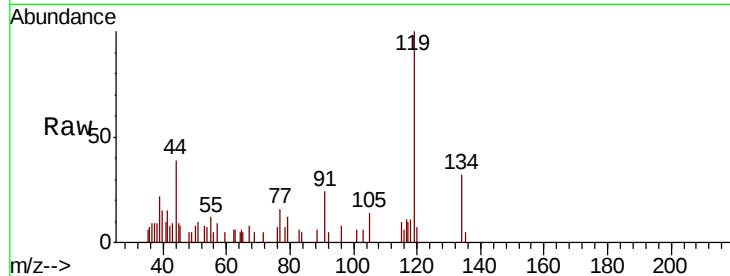
FL-0572

Tot Ion:117 Resp: 574

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

12.60

250

200

150

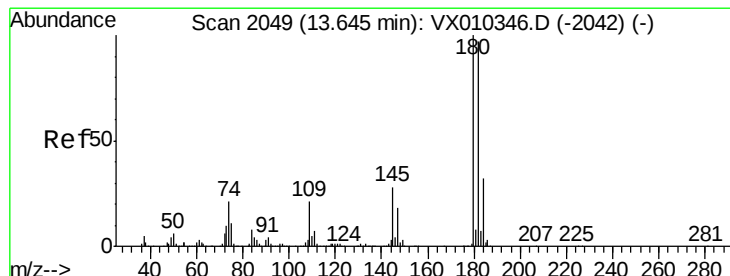
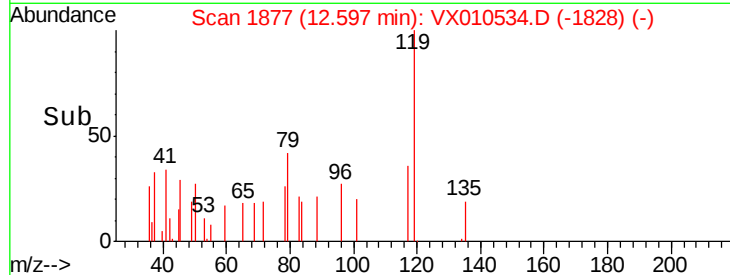
100

50

0

Time-->

12.55 12.60 12.65



#93

1,2,4-Trichlorobenzene

Concen: 0.220 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX010534.D

Acq: 28 Jun 2019 14:14

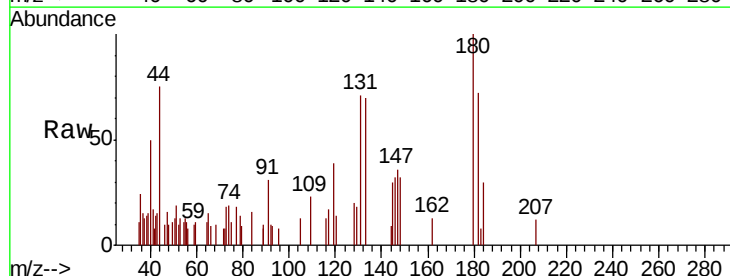
Tgt Ion:180 Resp: 787

Ion Ratio Lower Upper

180 100

182 83.4 48.0 144.0

145 56.8 14.4 43.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

800

600

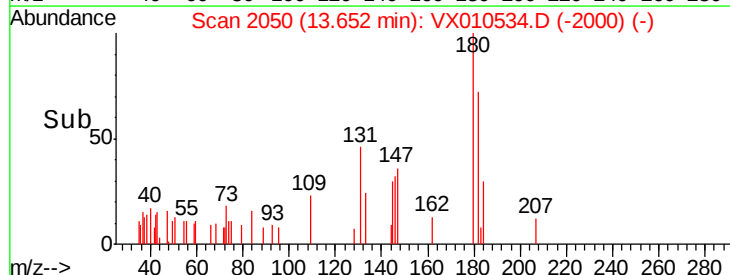
400

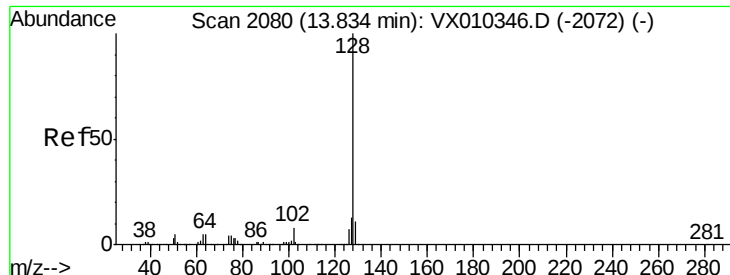
200

0

Time-->

13.60 13.65





#95
Naphthalene
Concen: 0.432 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010534.D
Acq: 28 Jun 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
FL-0572

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.2	15.4#
129	17.8	8.9	13.3#

