

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010588.D
 Acq On : 01 Jul 2019 14:11
 Operator : JC/SP
 Sample : K3565-06DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0571DL

Quant Time: Jul 02 04:51:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	242248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	367297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173854	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	115454	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
35) Dibromofluoromethane	5.50	113	109425	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
50) Toluene-d8	8.71	98	441468	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	159121	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	480	0.459	ug/l #	70
13) Acrolein	2.29	56	142	0.360	ug/l #	14
15) Acrylonitrile	3.17	53	1135	0.965	ug/l #	49
16) Acetone	2.45	43	2655	2.332	ug/l	97
18) Methyl Acetate	2.83	43	6381	2.813	ug/l #	48
20) Methylene Chloride	2.85	84	1217	0.520	ug/l #	73
25) 2-Butanone	4.69	43	510	0.305	ug/l #	46
29) Tetrahydrofuran	5.13	42	218	0.211	ug/l #	37
31) Cyclohexane	5.57	56	36544	11.139	ug/l	94
36) 1,1-Dichloropropene	5.66	75	15046	5.155	ug/l #	48
38) Carbon Tetrachloride	5.65	117	20918	6.618	ug/l #	16
39) Methylcyclohexane	7.46	83	22574	5.884	ug/l	96
40) Benzene	6.14	78	450155	49.504	ug/l	98
42) 1,2-Dichloroethane	6.14	62	3984	1.439	ug/l #	71
48) Methyl methacrylate	7.73	41	1057	0.458	ug/l #	45
49) 1,4-Dioxane	7.74	88	20	0.301	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	1205	0.379	ug/l	91
52) Toluene	8.78	92	407216	68.003	ug/l	99
53) t-1,3-Dichloropropene	8.78	75	4744	1.401	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	1166	0.472	ug/l #	29
59) 2-Hexanone	9.51	43	749	0.300	ug/l	68
67) Ethyl Benzene	10.25	91	534154	45.022	ug/l	99
68) m/p-Xylenes	10.35	106	835705	181.789	ug/l	99
69) o-Xylene	10.69	106	197601	43.709	ug/l	100
70) Styrene	10.69	104	9638	1.271	ug/l #	1
73) Isopropylbenzene	11.02	105	50785	4.309	ug/l	100
74) N-amyl acetate	10.94	43	1429	0.321	ug/l #	57
76) 1,2,3-Trichloropropane	11.43	75	2536	0.800	ug/l #	1
78) n-propylbenzene	11.36	91	50909	3.930	ug/l	99
79) 2-Chlorotoluene	11.43	91	29376	3.809	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	93694	9.644	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	76094	56.034	ug/l #	16
82) 4-Chlorotoluene	11.51	91	9793	1.116	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.80	105	324643	33.259	ug/l	99

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

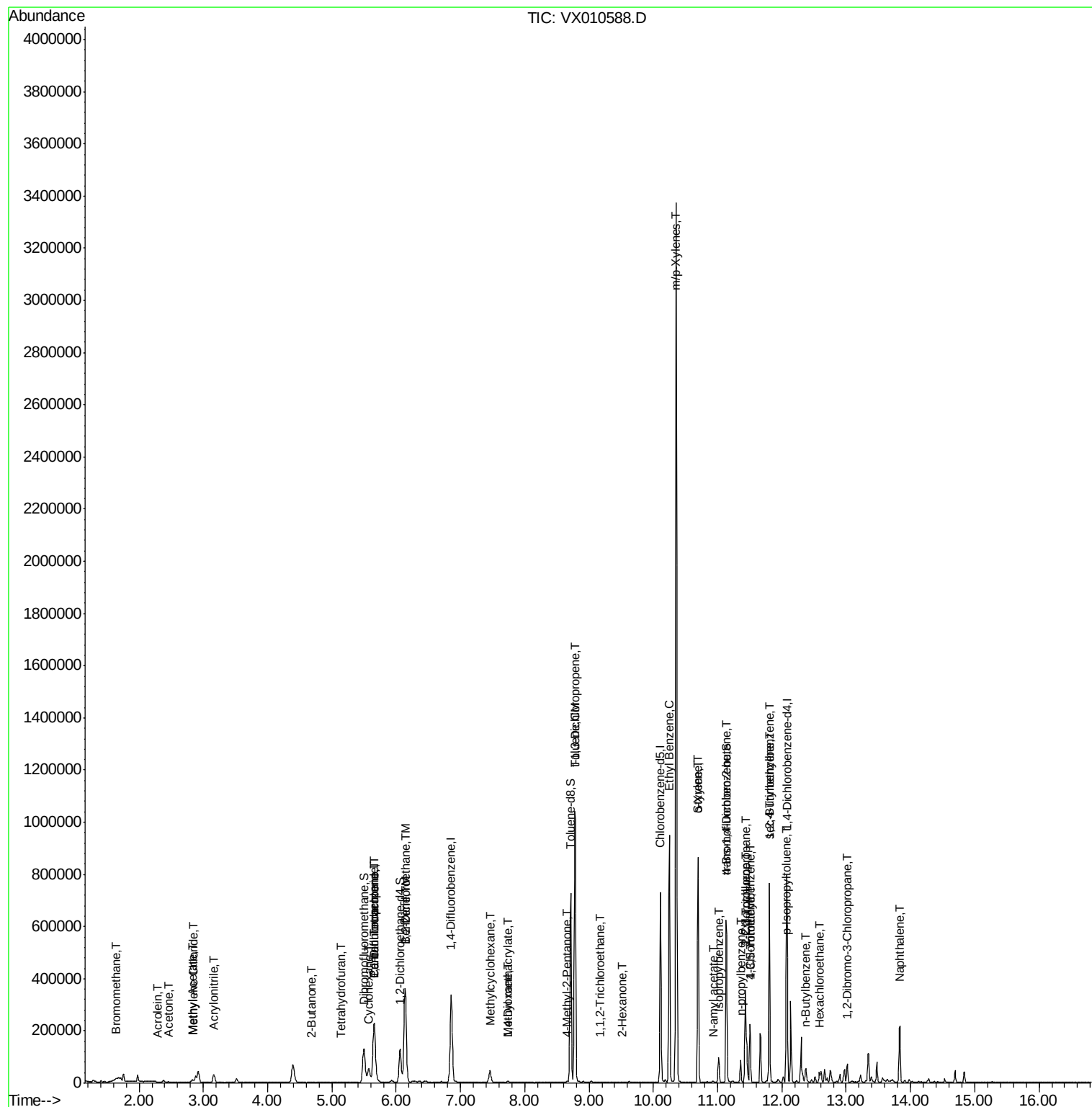
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.80	105	324643	28.355	ug/l #	55
86) p-Isopropyltoluene	12.06	119	6801	0.642	ug/l	90
89) n-Butylbenzene	12.38	91	7904	0.878	ug/l #	23
90) Hexachloroethane	12.58	117	1751	0.956	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	351	0.417	ug/l #	1
95) Naphthalene	13.83	128	143997	11.835	ug/l	100

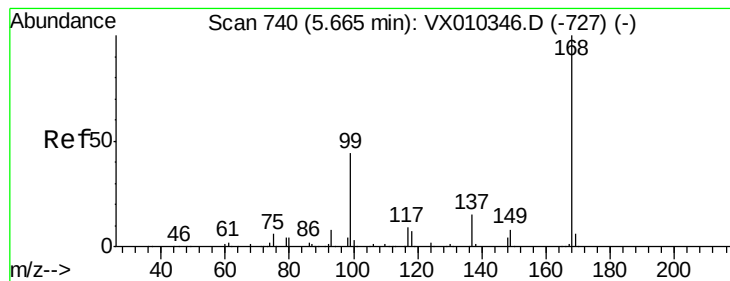
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

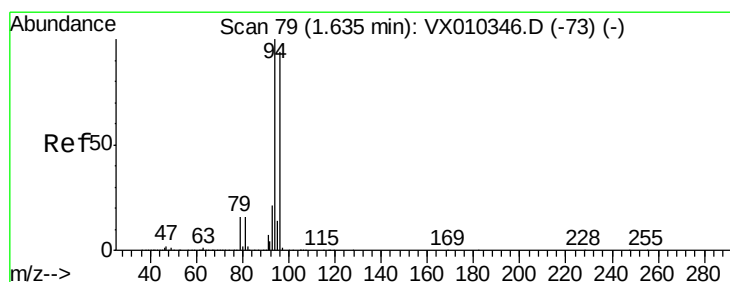
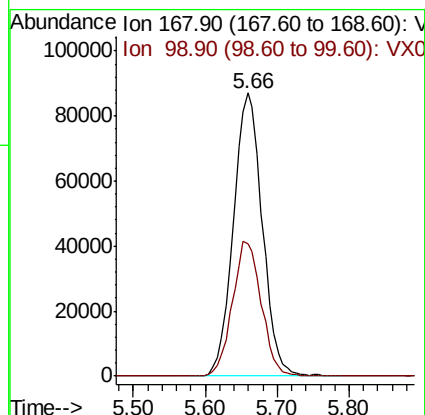
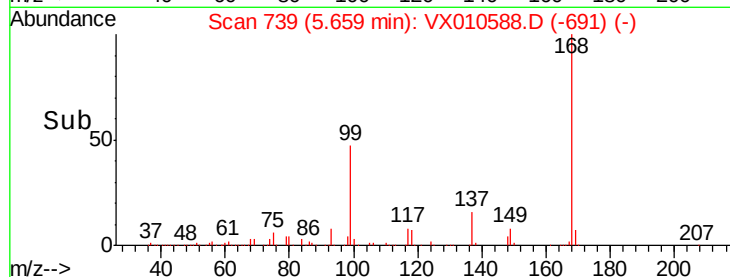
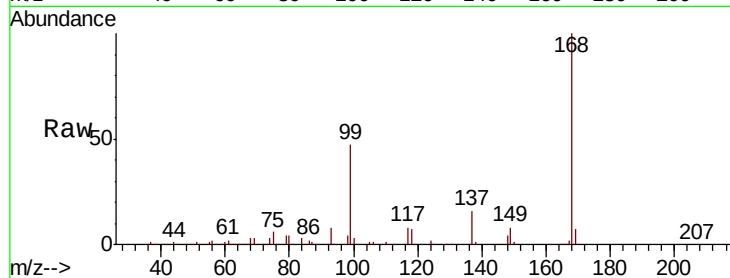
FL-0571DL

Tot Ion:168 Resp: 242248

Ion Ratio Lower Upper

168 100

99 46.6 35.5 53.3



#5

Bromomethane

Concen: 0.459 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010588.D

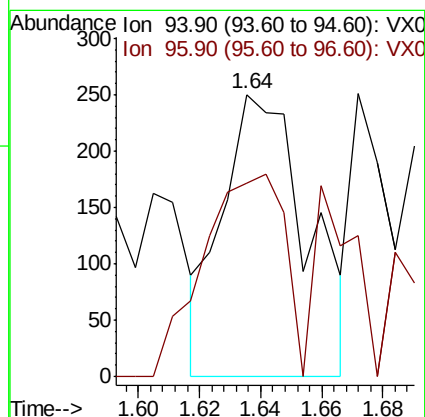
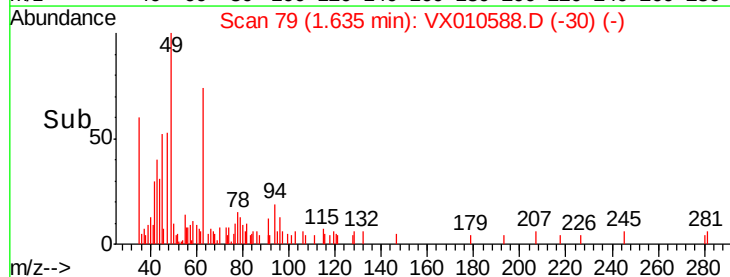
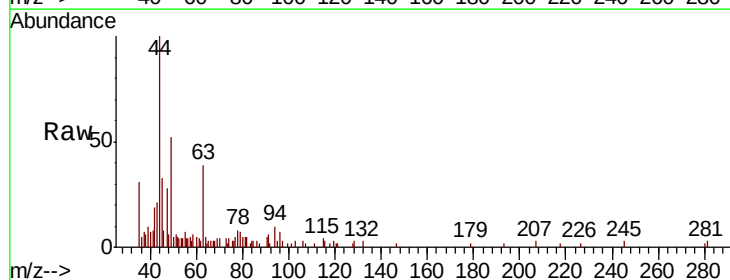
Acq: 01 Jul 2019 14:11

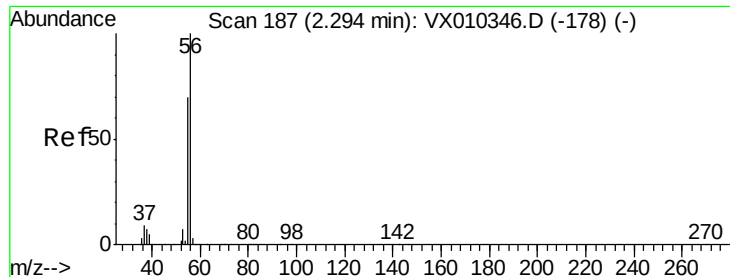
Tgt Ion: 94 Resp: 480

Ion Ratio Lower Upper

94 100

96 65.6 75.5 113.3#





#13

Acrolein

Concen: 0.360 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

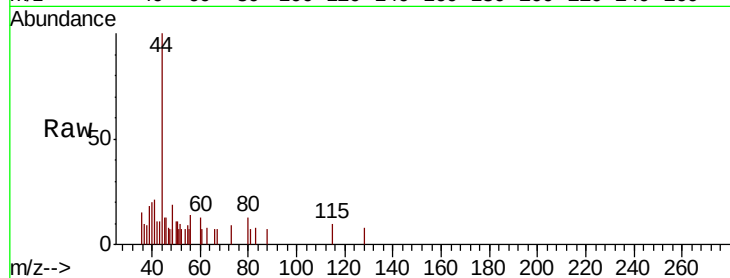
FL-0571DL

Tot Ion: 56 Resp: 142

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

600

500

400

300

200

100

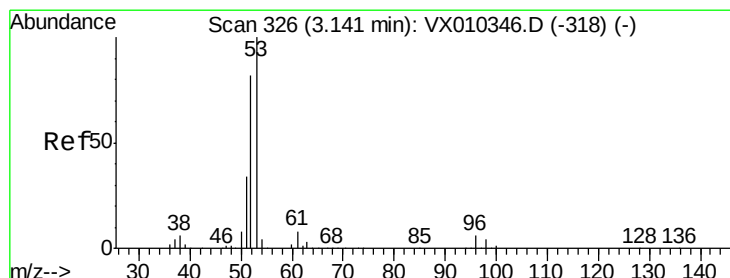
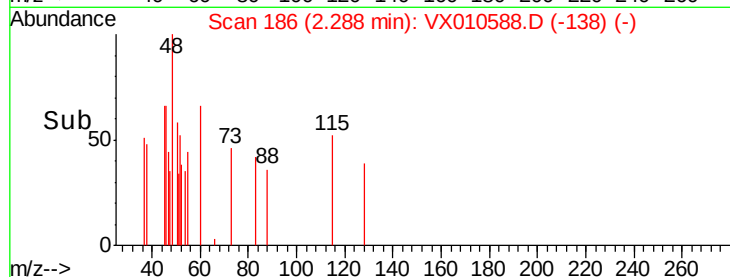
0

2.28

2.30

2.32

Time-->



#15

Acrylonitrile

Concen: 0.965 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

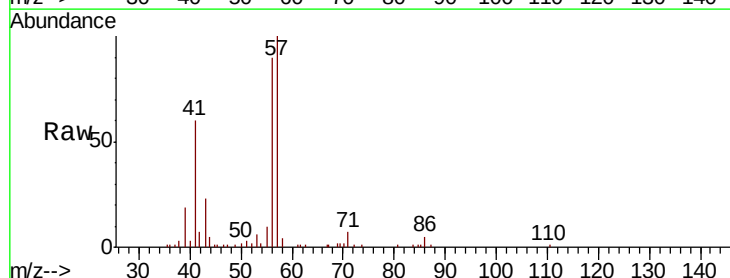
Tgt Ion: 53 Resp: 1135

Ion Ratio Lower Upper

53 100

52 37.4 65.5 98.3#

51 65.9 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

600

400

200

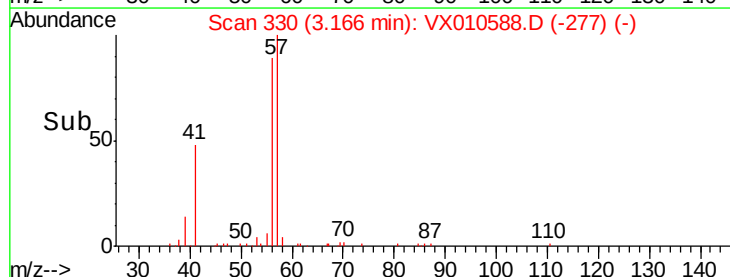
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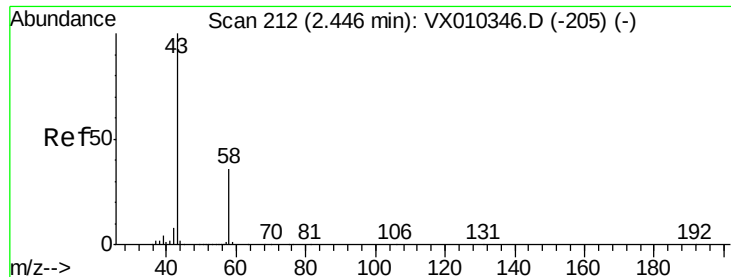
3.10

3.15

3.20

Time-->





#16

Acetone

Concen: 2.332 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

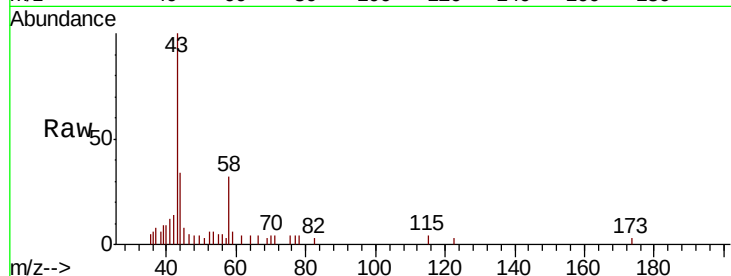
FL-0571DL

Tot Ion: 43 Resp: 2655

Ion Ratio Lower Upper

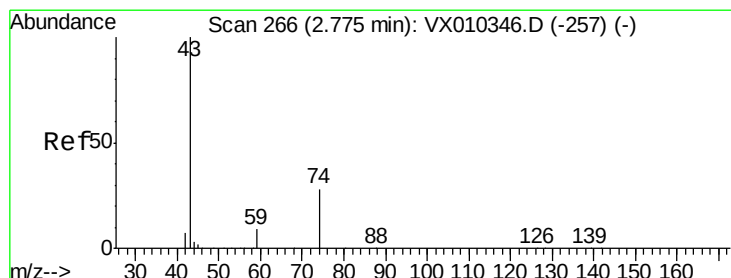
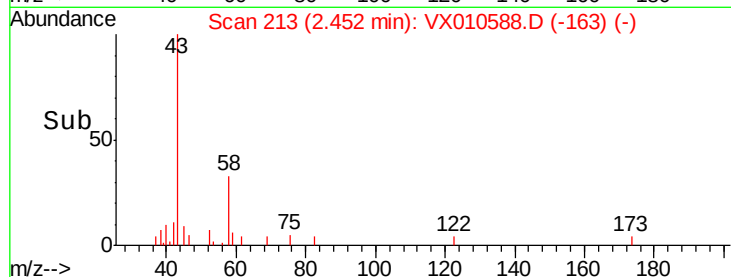
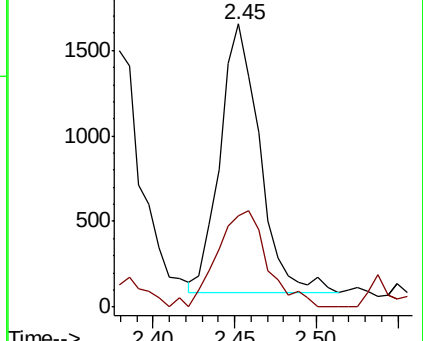
43 100

58 34.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 2.813 ug/l

RT: 2.83 min Scan# 275

Delta R.T. 0.06 min

Lab File: VX010588.D

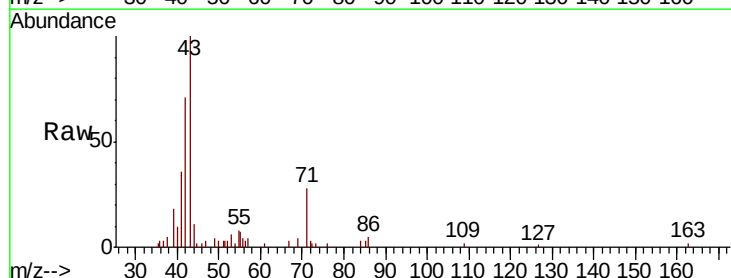
Acq: 01 Jul 2019 14:11

Tgt Ion: 43 Resp: 6381

Ion Ratio Lower Upper

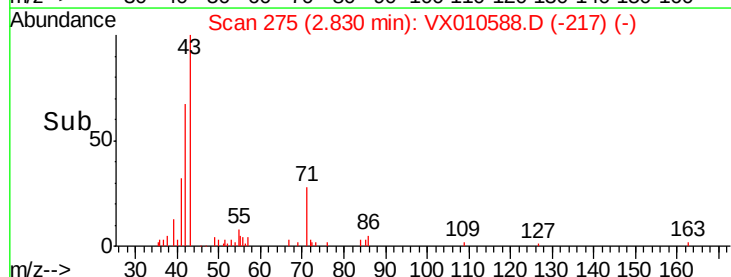
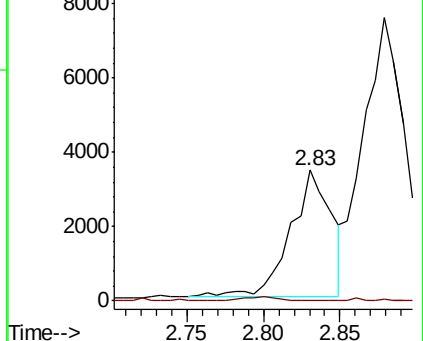
43 100

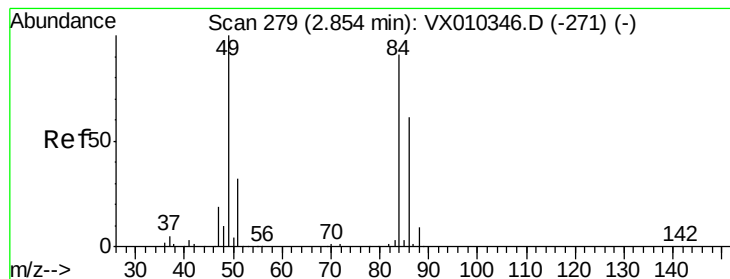
74 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 0.520 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

FL-0571DL

Tot Ion: 84 Resp: 1217

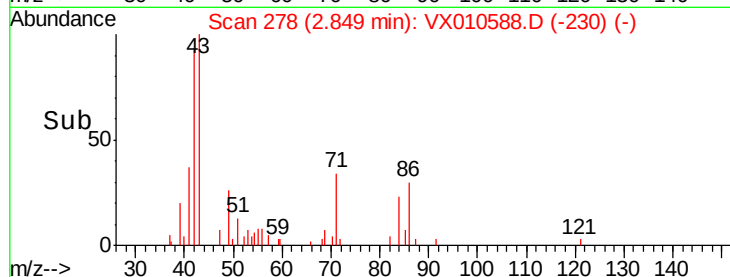
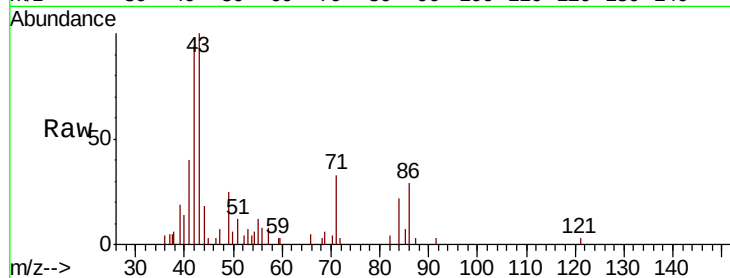
Ion Ratio Lower Upper

84 100

49 100.7 87.5 131.3

51 30.7 27.7 41.5

86 121.0 53.4 80.0#

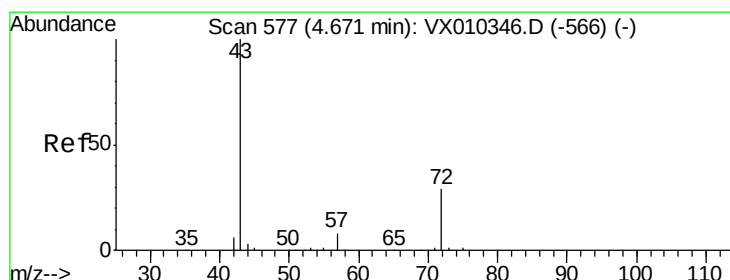
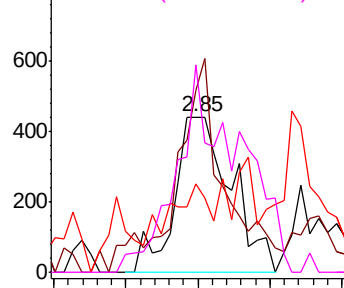


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.305 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX010588.D

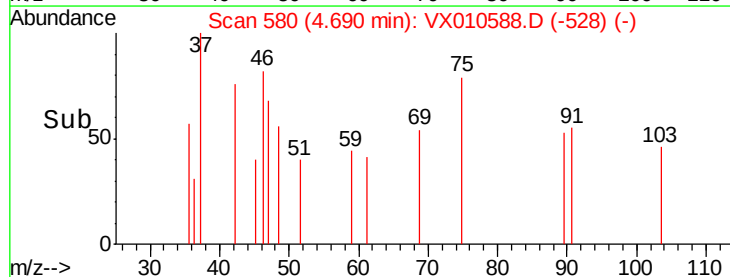
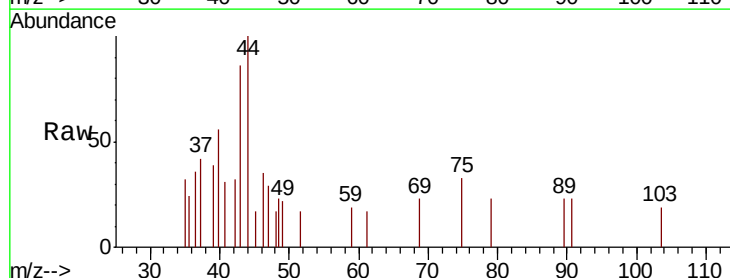
Acq: 01 Jul 2019 14:11

Tgt Ion: 43 Resp: 510

Ion Ratio Lower Upper

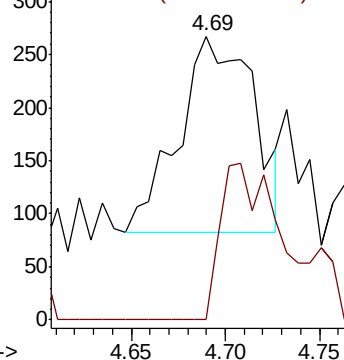
43 100

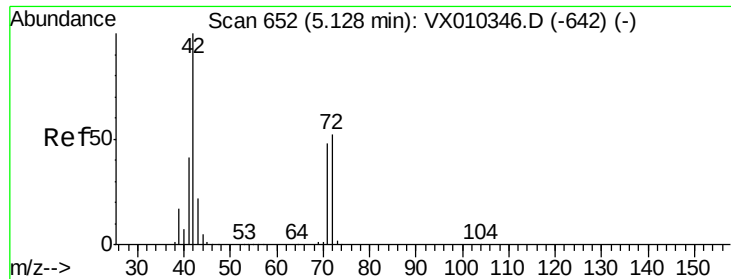
72 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

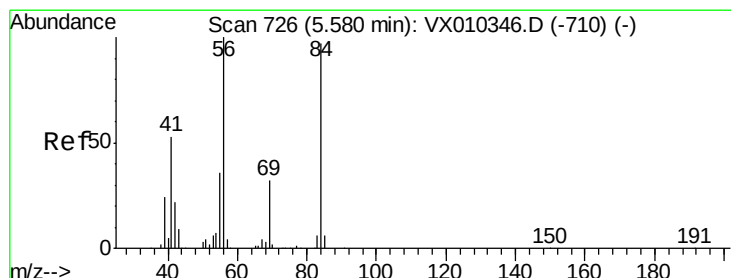
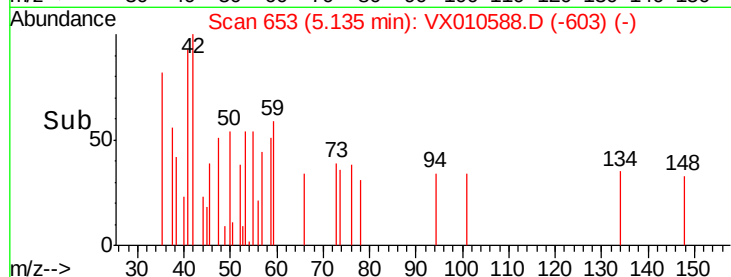
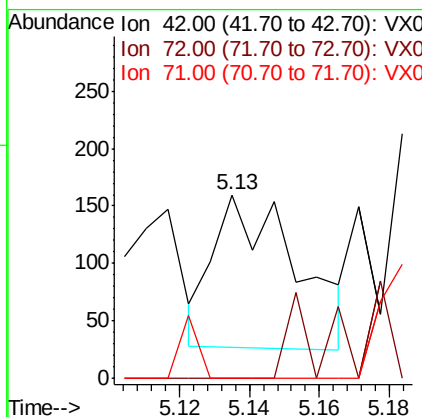
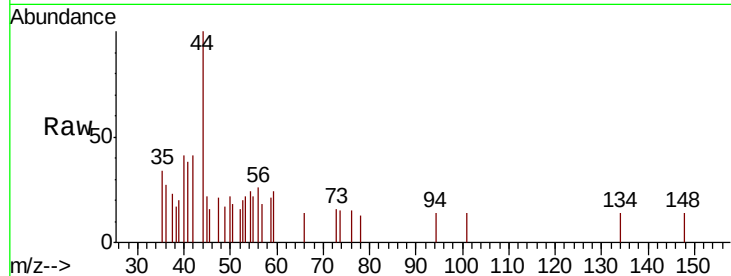




#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010588.D
Acq: 01 Jul 2019 14:11

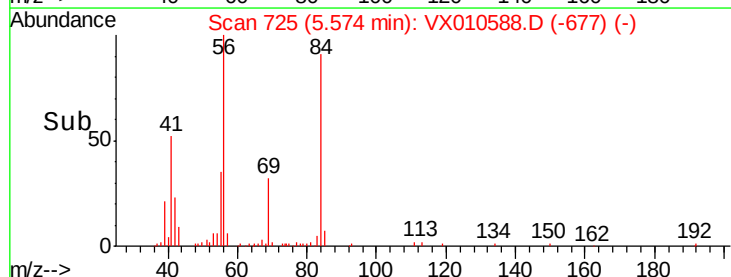
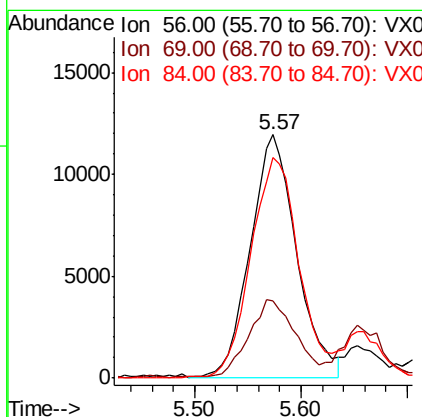
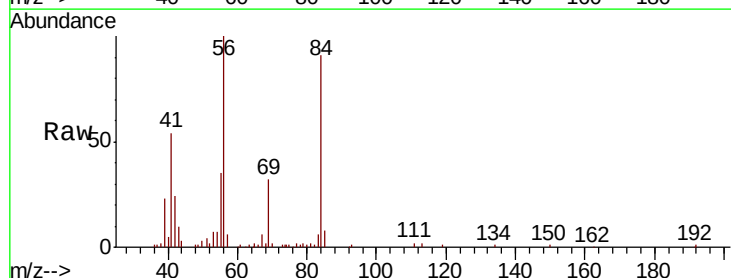
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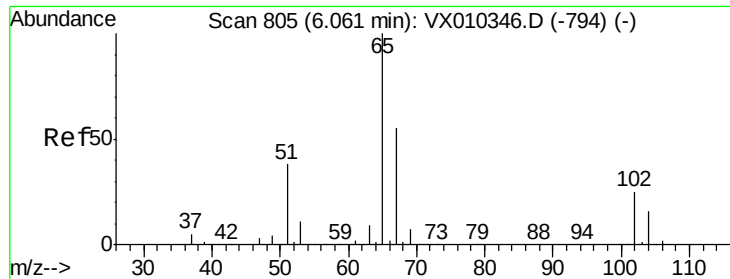
Tot Ion: 42 Resp: 218
Ion Ratio Lower Upper
42 100
72 12.4 40.6 60.8#
71 0.0 37.8 56.8#



#31
Cyclohexane
Concen: 11.139 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010588.D
Acq: 01 Jul 2019 14:11

Tgt Ion: 56 Resp: 36544
Ion Ratio Lower Upper
56 100
69 30.9 25.9 38.9
84 90.3 78.0 117.0

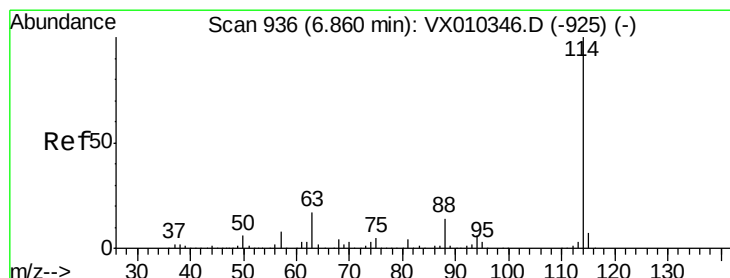
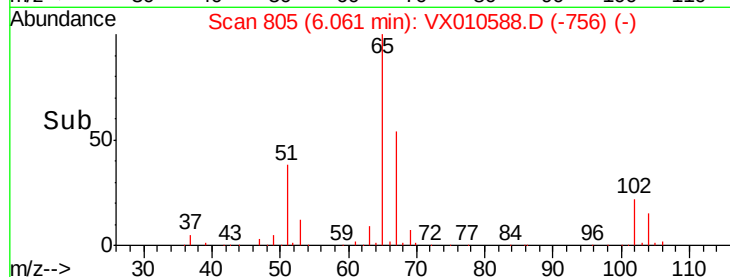
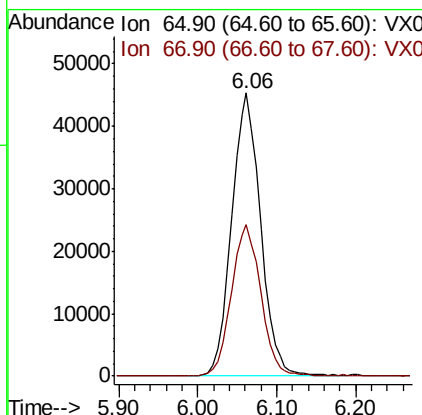
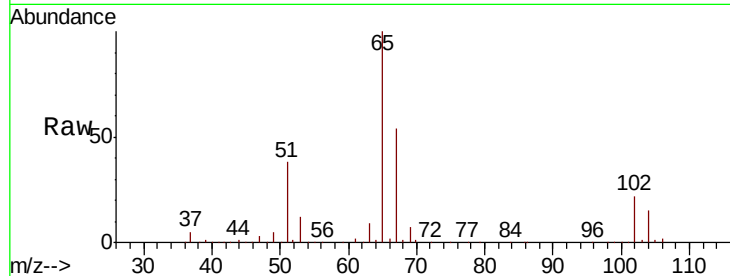




#33
 1,2-Dichloroethane-d4
 Concen: 50.831 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010588.D
 Acq: 01 Jul 2019 14:11

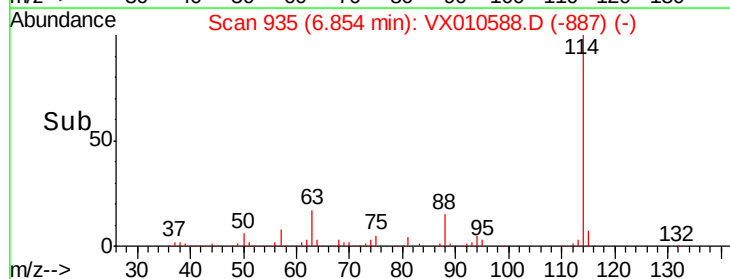
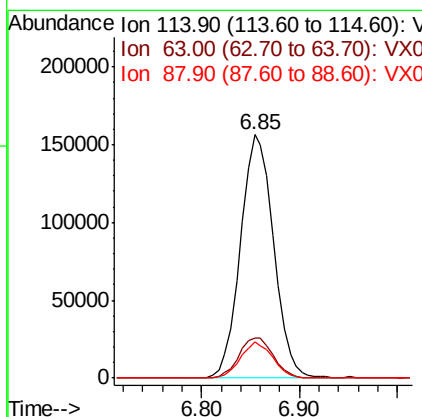
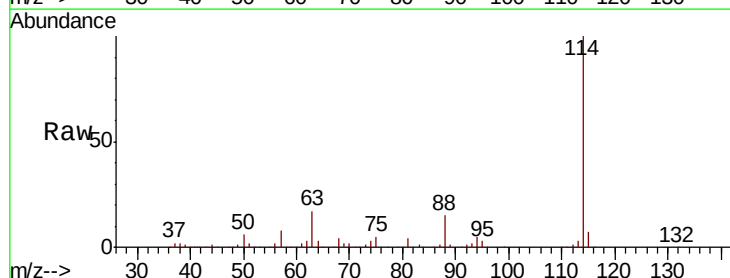
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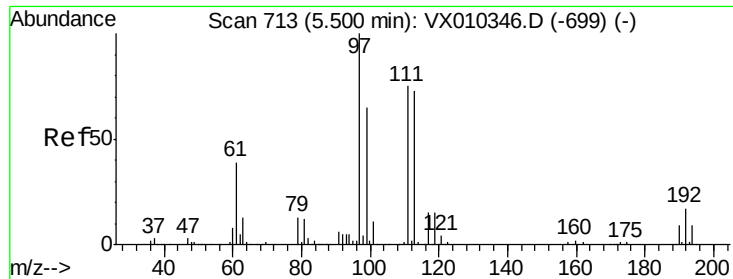
Tot Ion: 65 Resp: 115454
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010588.D
 Acq: 01 Jul 2019 14:11

Tgt Ion: 114 Resp: 367297
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 14.7 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.693 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

FL-0571DL

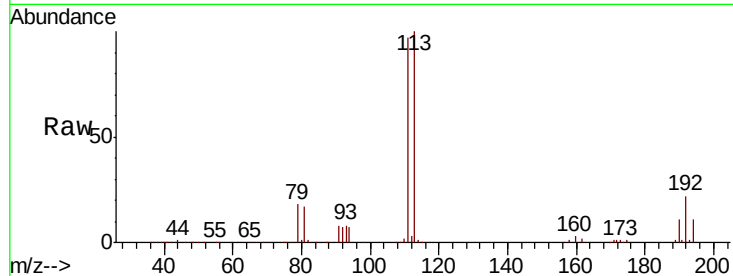
Tot Ion:113 Resp: 109425

Ion Ratio Lower Upper

113 100

111 101.7 81.2 121.8

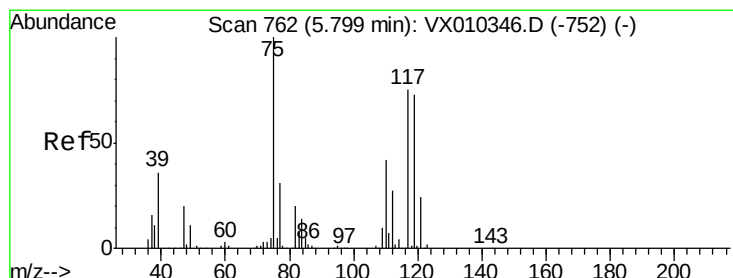
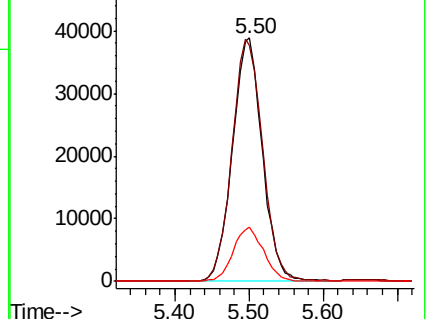
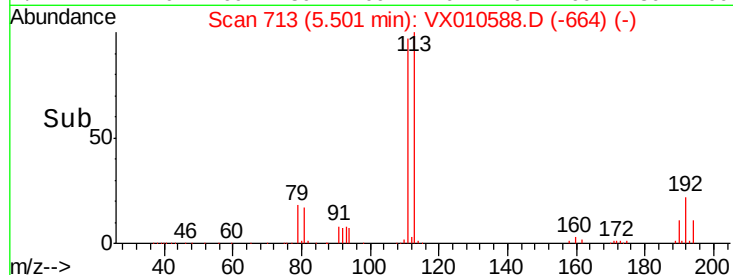
192 22.8 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.155 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

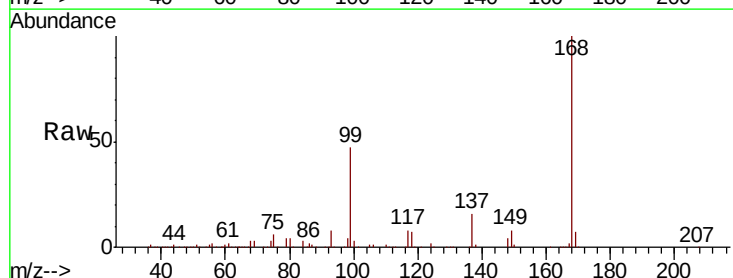
Tgt Ion: 75 Resp: 15046

Ion Ratio Lower Upper

75 100

110 10.6 20.8 62.2#

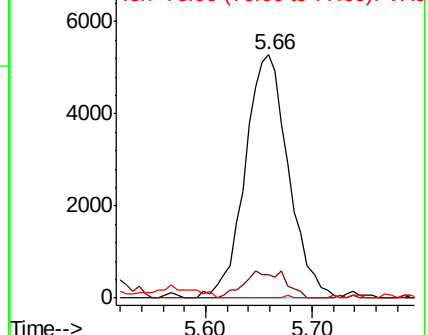
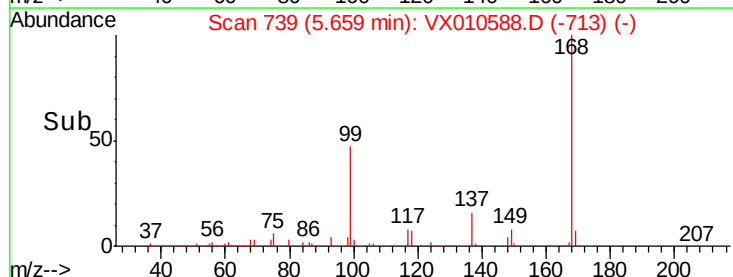
77 0.2 25.4 38.0#

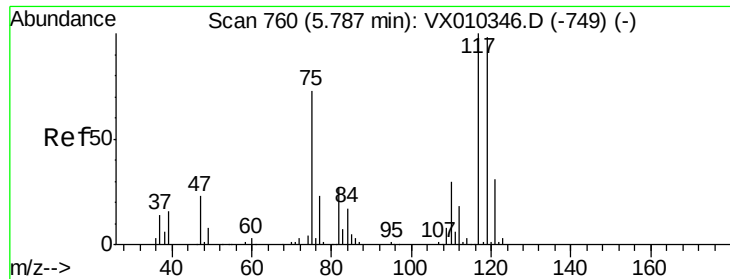


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

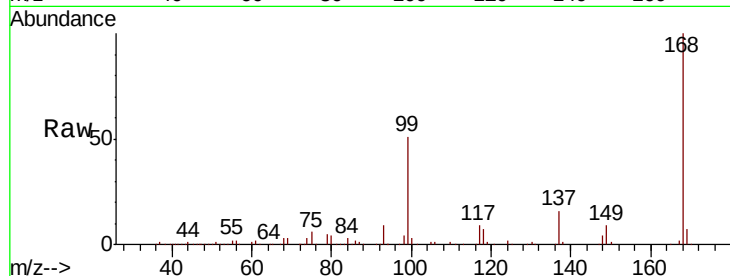




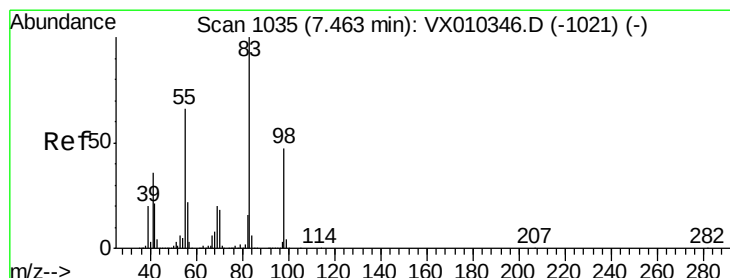
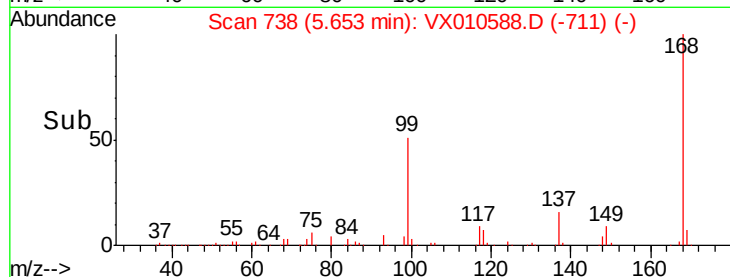
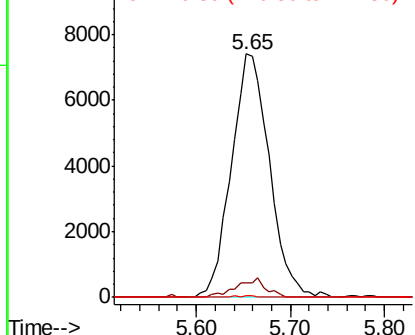
#38
Carbon Tetrachloride
Concen: 6.618 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX010588.D
Acq: 01 Jul 2019 14:11

Instrument :
MSVOA_X
ClientSampled :
FL-0571DL

Tot Ion:117 Resp: 20918
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.4#
121 0.8 24.7 37.1#

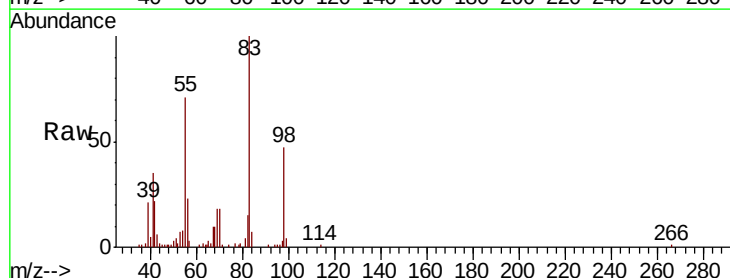


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

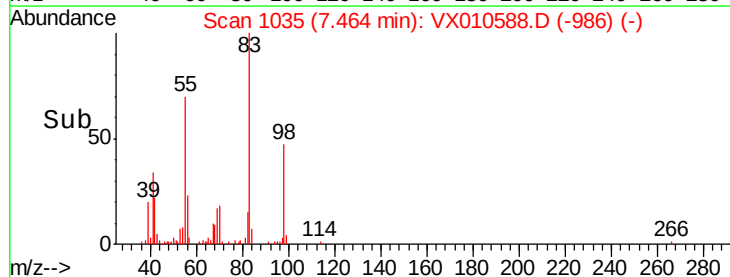
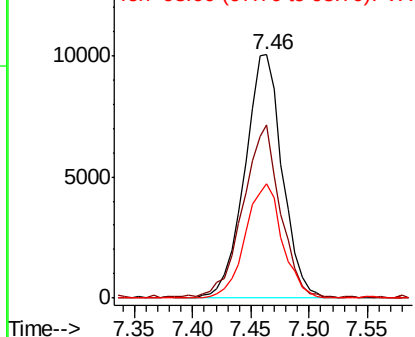


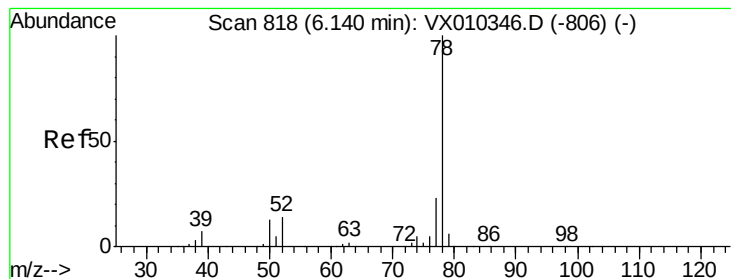
#39
Methylcyclohexane
Concen: 5.884 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010588.D
Acq: 01 Jul 2019 14:11

Tgt Ion: 83 Resp: 22574
Ion Ratio Lower Upper
83 100
55 71.1 53.0 79.6
98 46.7 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: 49.504 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

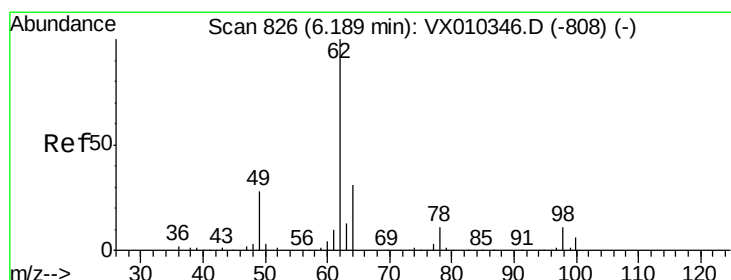
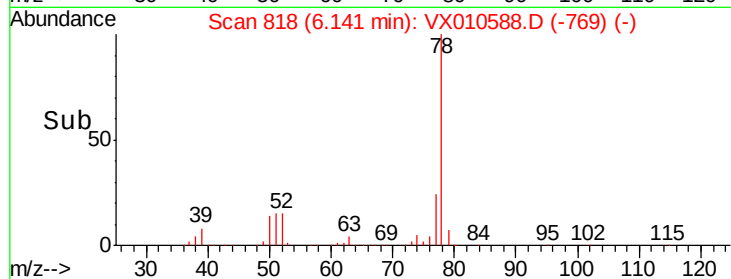
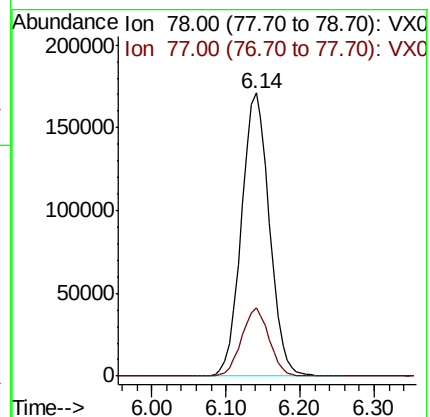
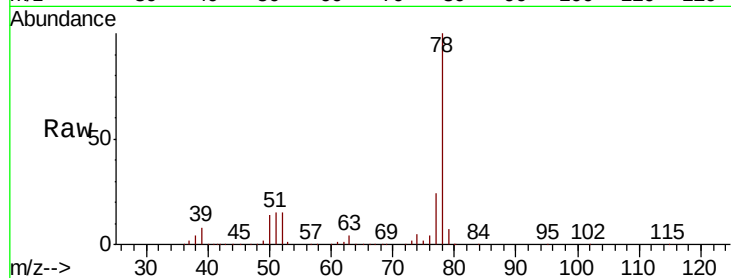
FL-0571DL

Tot Ion: 78 Resp: 450155

Ion Ratio Lower Upper

78 100

77 24.2 18.6 28.0



#42

1,2-Dichloroethane

Concen: 1.439 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.05 min

Lab File: VX010588.D

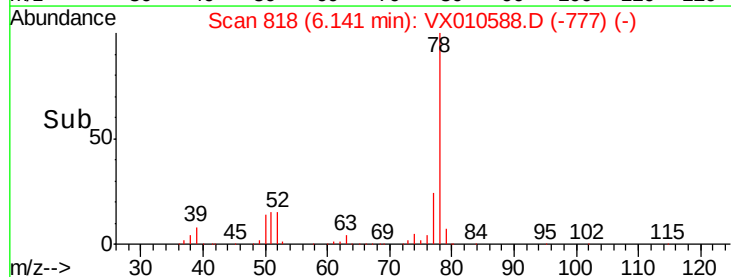
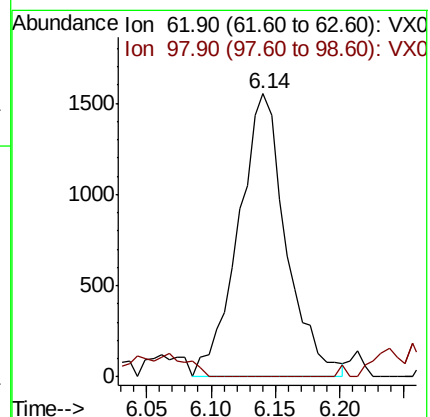
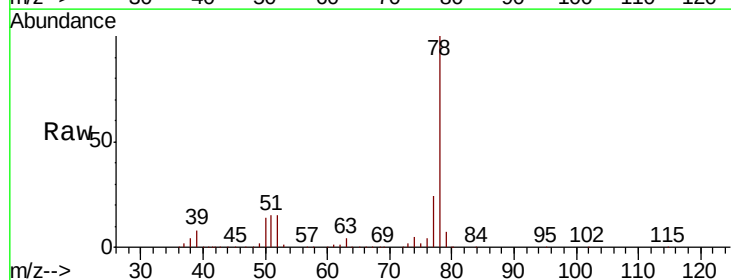
Acq: 01 Jul 2019 14:11

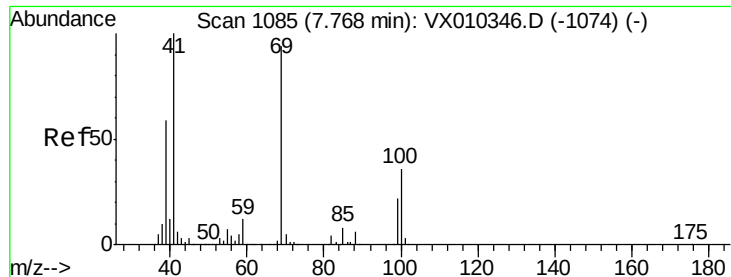
Tgt Ion: 62 Resp: 3984

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.2





#48

Methyl methacrylate

Concen: 0.458 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

FL-0571DL

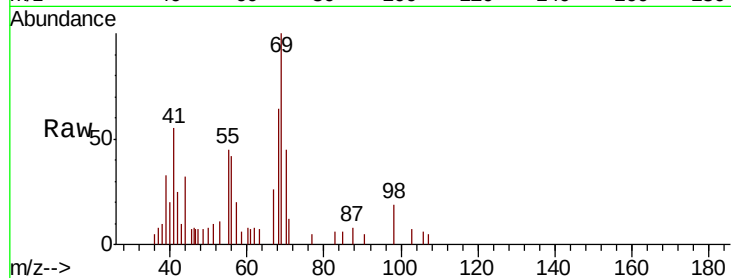
Tot Ion: 41 Resp: 1057

Ion Ratio Lower Upper

41 100

69 176.1 76.1 114.1#

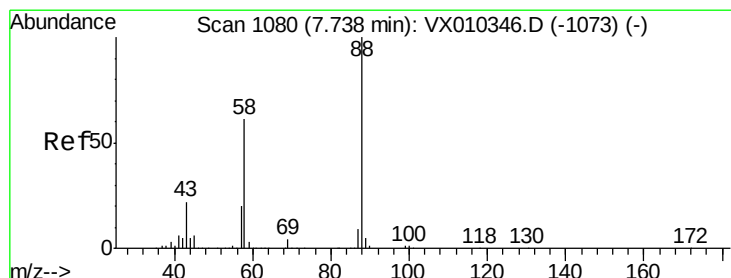
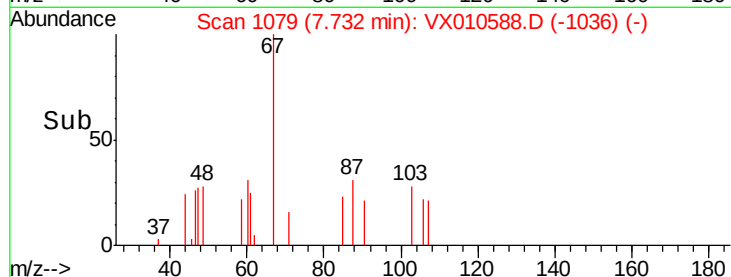
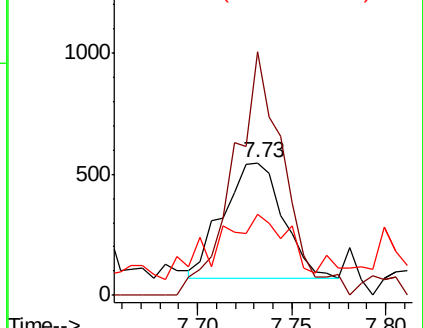
39 67.2 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 0.301 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

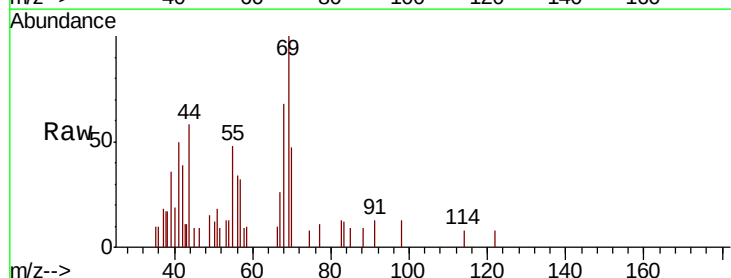
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 510.0 20.2 30.2#

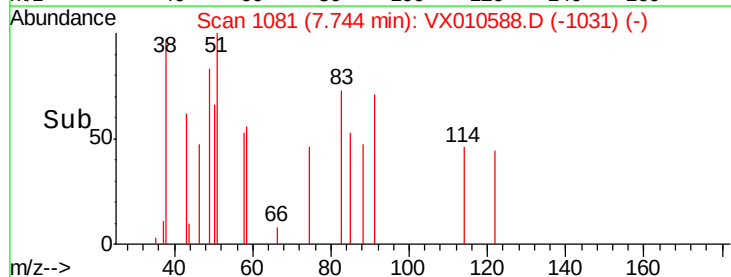
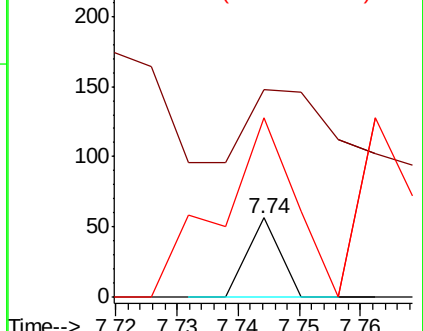
58 545.0 49.5 74.3#

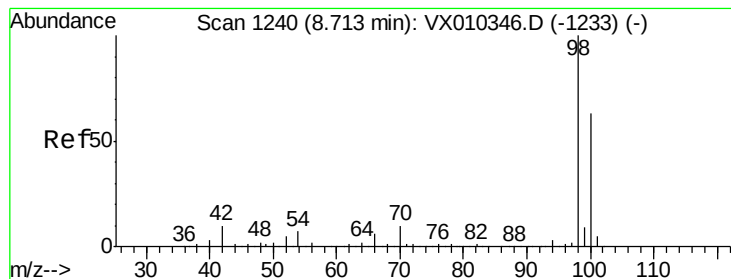


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.348 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

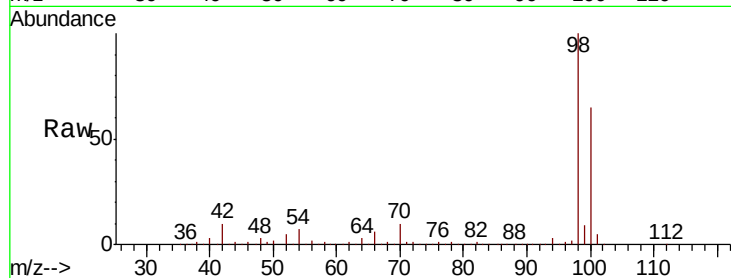
FL-0571DL

Tot Ion: 98 Resp: 441468

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

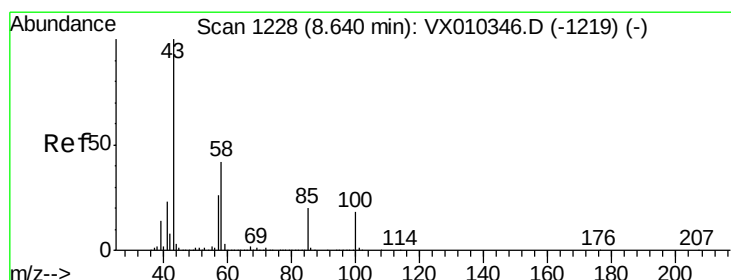
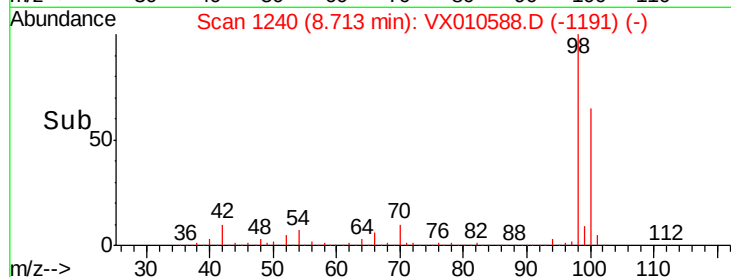
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.379 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX010588.D

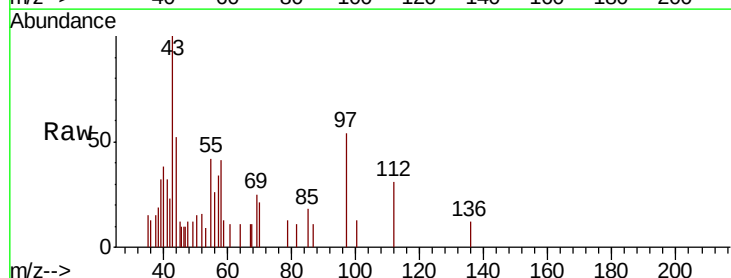
Acq: 01 Jul 2019 14:11

Tgt Ion: 43 Resp: 1205

Ion Ratio Lower Upper

43 100

58 36.3 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

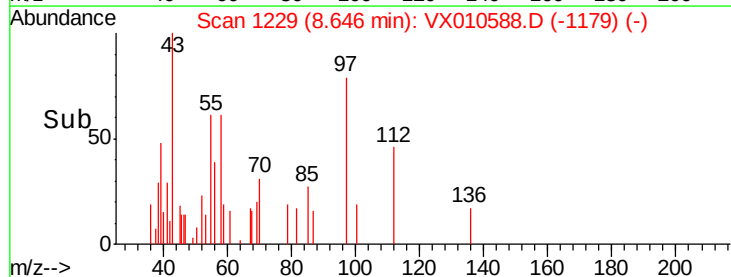
1500

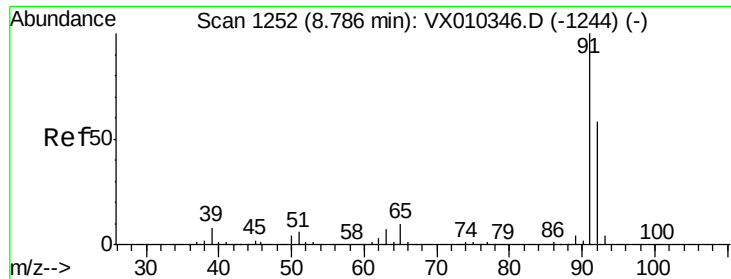
1000

500

0

Time-->





#52

Toluene

Concen: 68.003 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

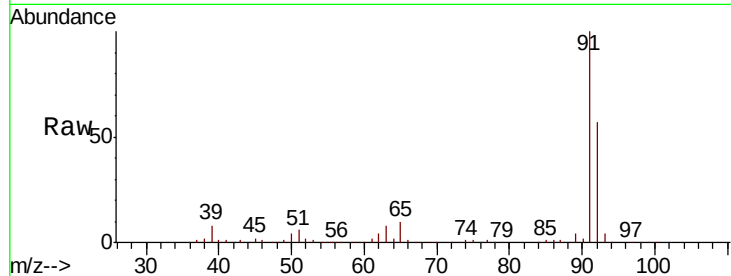
FL-0571DL

Tot Ion: 92 Resp: 407216

Ion Ratio Lower Upper

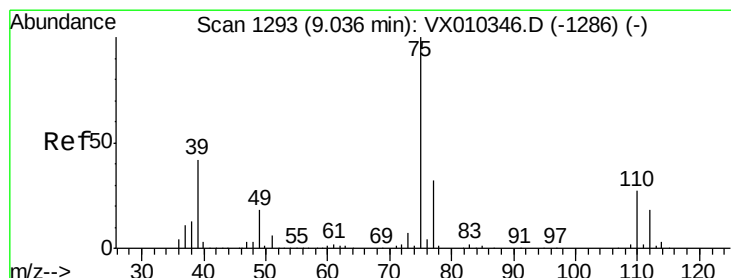
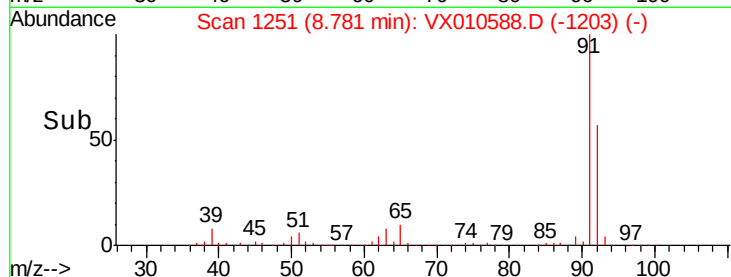
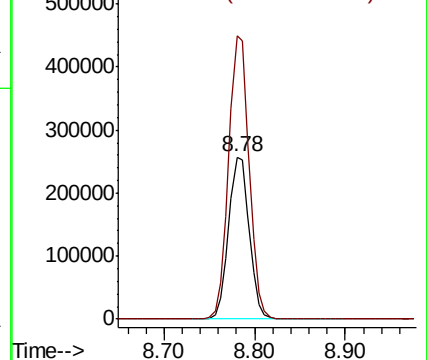
92 100

91 173.9 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.401 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.26 min

Lab File: VX010588.D

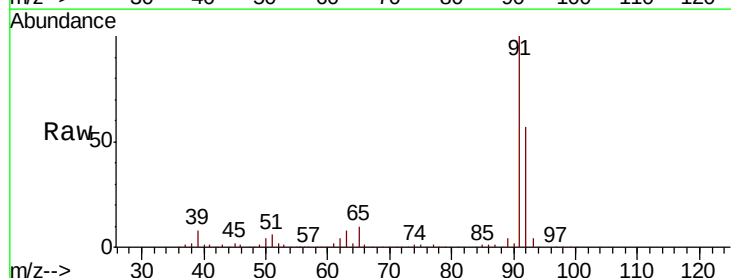
Acq: 01 Jul 2019 14:11

Tgt Ion: 75 Resp: 4744

Ion Ratio Lower Upper

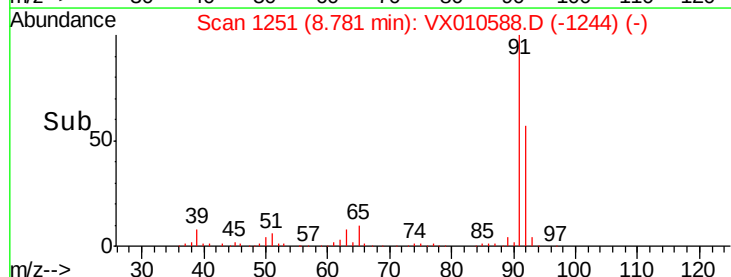
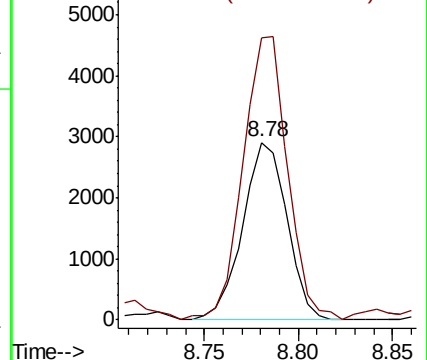
75 100

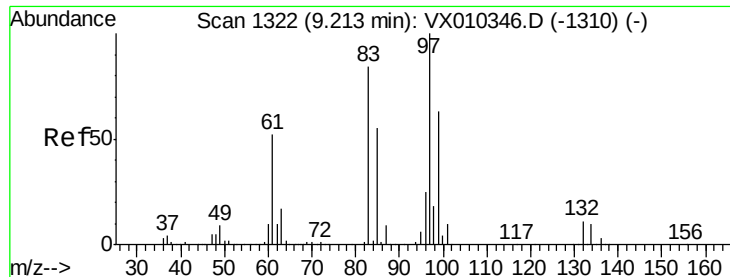
77 159.5 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#55

1,1,2-Trichloroethane

Concen: 0.472 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

FL-0571DL

Tot Ion: 97 Resp: 1166

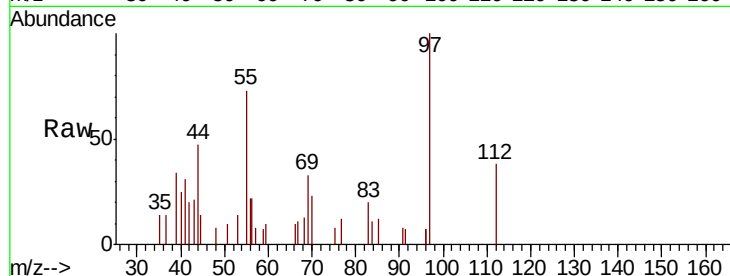
Ion Ratio Lower Upper

97 100

83 19.8 67.4 101.0#

85 11.6 43.8 65.8#

99 0.0 50.3 75.5#



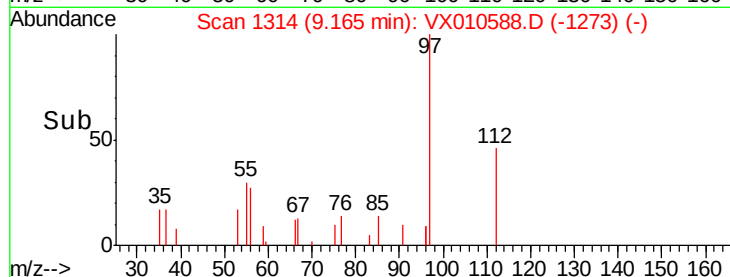
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



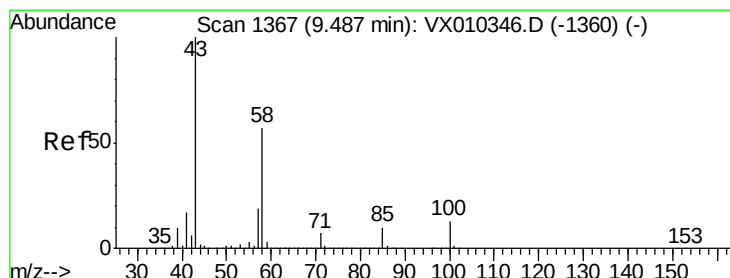
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



#59

2-Hexanone

Concen: 0.300 ug/l

RT: 9.51 min Scan# 1371

Delta R.T. 0.02 min

Lab File: VX010588.D

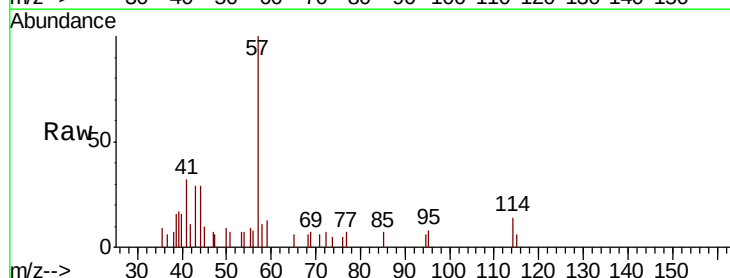
Acq: 01 Jul 2019 14:11

Tgt Ion: 43 Resp: 749

Ion Ratio Lower Upper

43 100

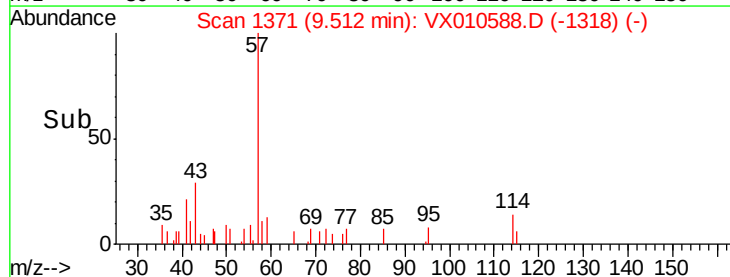
58 34.0 29.0 87.1



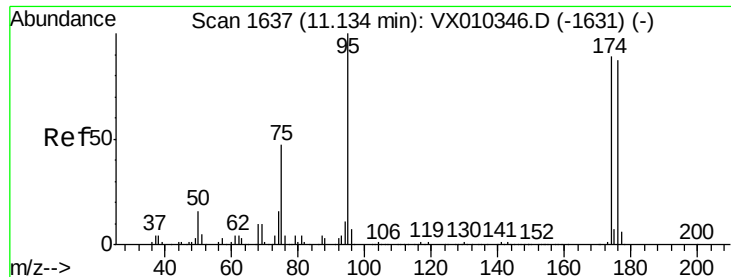
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 51.264 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

FL-0571DL

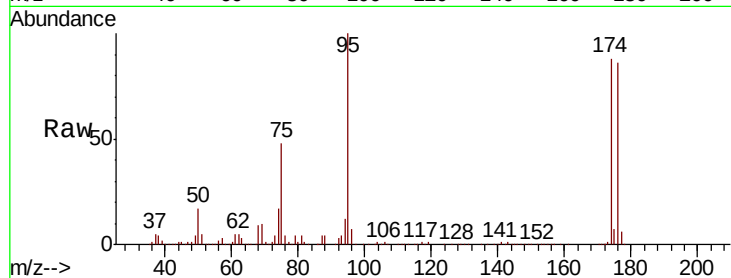
Tot Ion: 95 Resp: 159121

Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.6

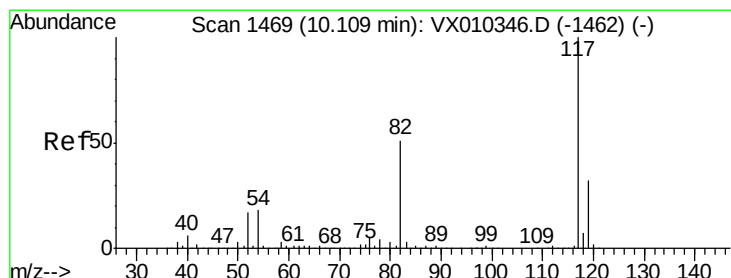
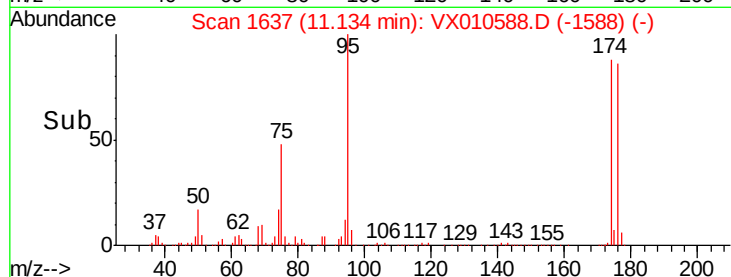
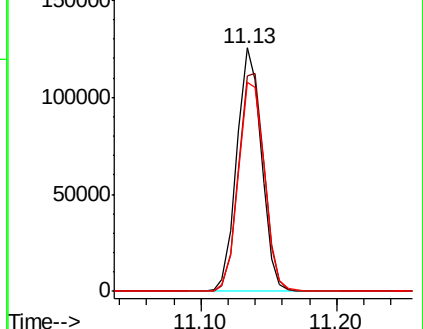
176 90.6 0.0 184.0



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: VX010588.D

Acq: 01 Jul 2019 14:11

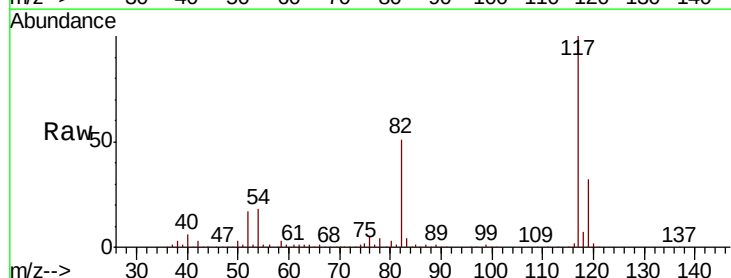
Tgt Ion: 117 Resp: 346160

Ion Ratio Lower Upper

117 100

82 51.5 41.2 61.8

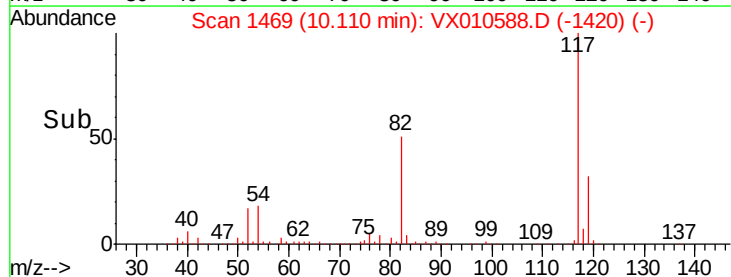
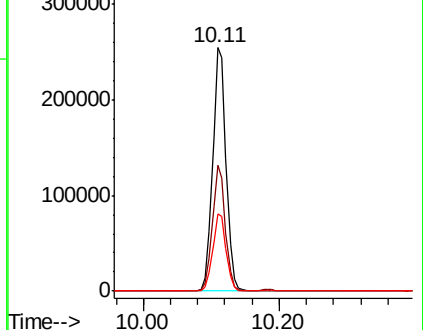
119 31.9 25.5 38.3

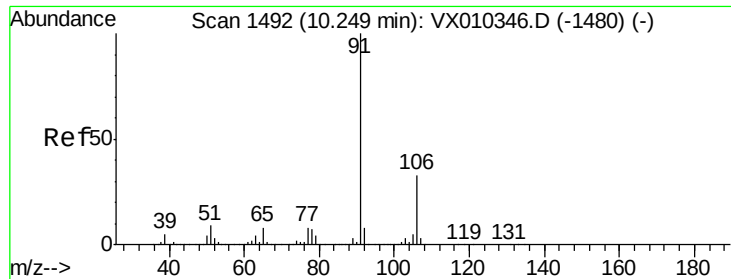


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

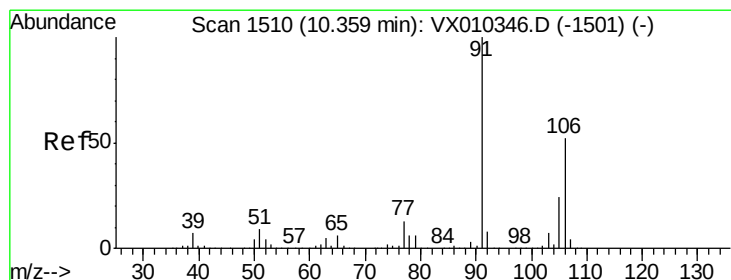
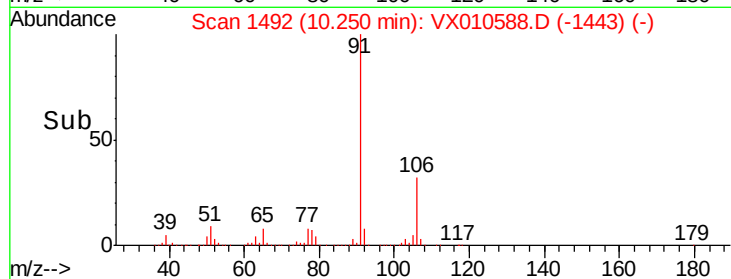
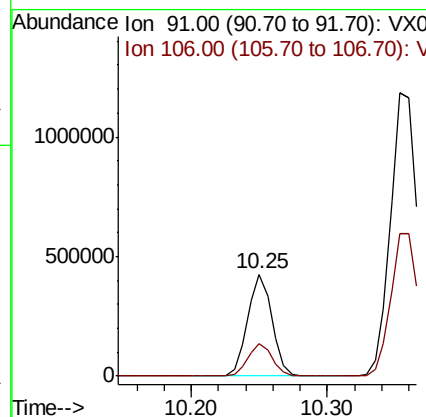
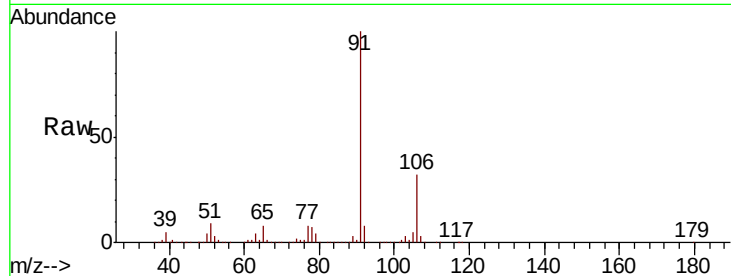




#67
Ethyl Benzene
Concen: 45.022 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010588.D
Acq: 01 Jul 2019 14:11

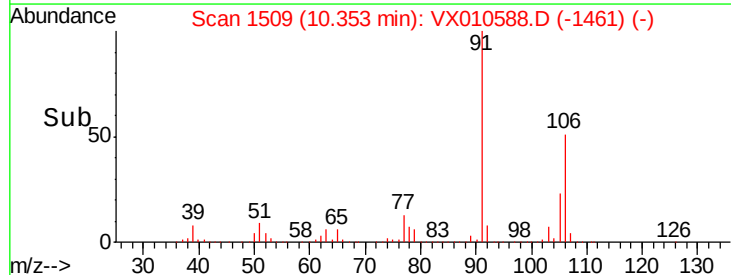
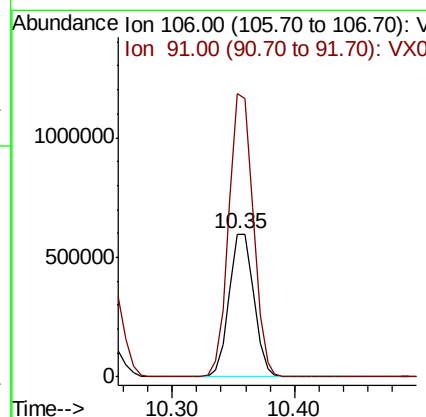
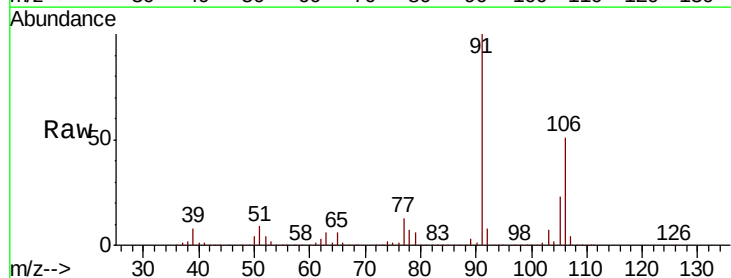
Instrument :
MSVOA_X
ClientSampled :
FL-0571DL

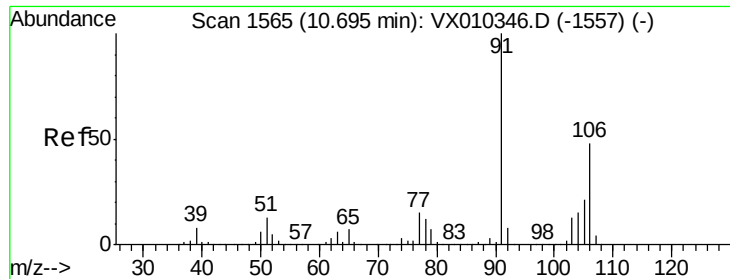
Tot Ion: 91 Resp: 534154
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2



#68
m/p-Xylenes
Concen: 181.789 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010588.D
Acq: 01 Jul 2019 14:11

Tgt Ion: 106 Resp: 835705
Ion Ratio Lower Upper
106 100
91 196.2 155.3 232.9

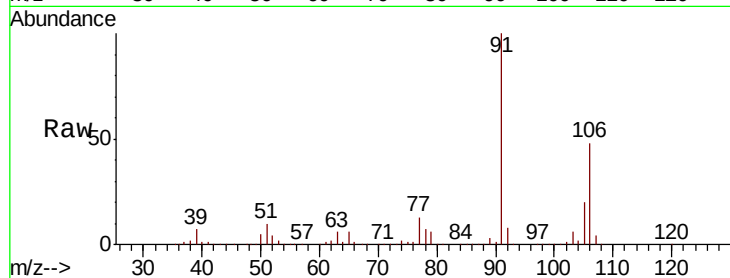




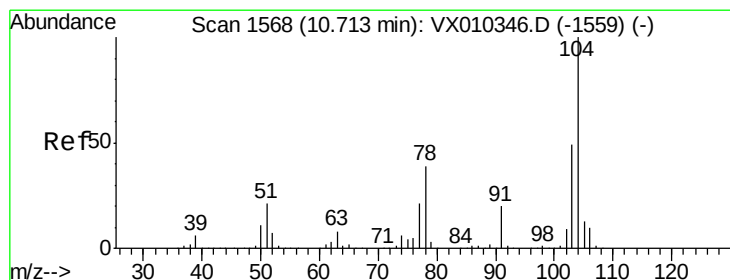
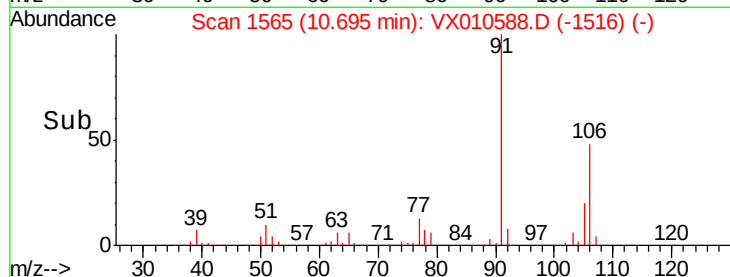
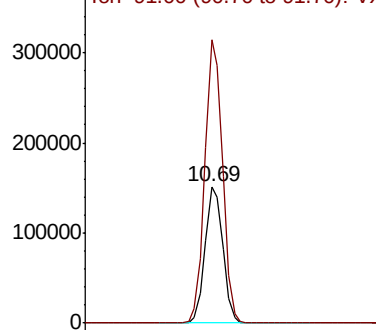
#69
o-Xylene
Concen: 43.709 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010588.D
Acq: 01 Jul 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
FL-0571DL

Tot Ion:106 Resp: 197601
Ion Ratio Lower Upper
106 100
91 206.0 102.7 308.1

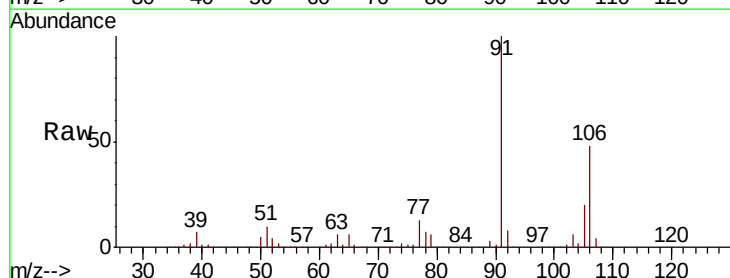


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

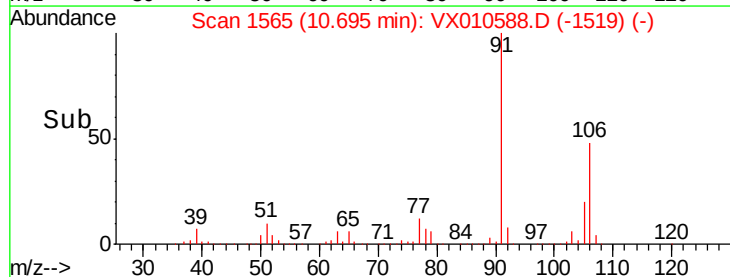
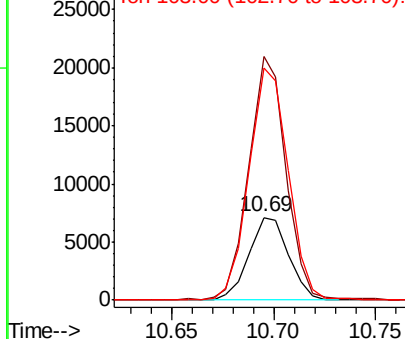


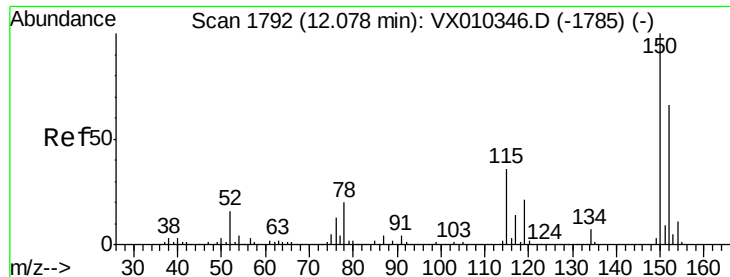
#70
Styrene
Concen: 1.271 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX010588.D
Acq: 01 Jul 2019 14:11

Tgt Ion:104 Resp: 9638
Ion Ratio Lower Upper
104 100
78 278.0 36.2 54.2#
103 278.0 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

FL-0571DL

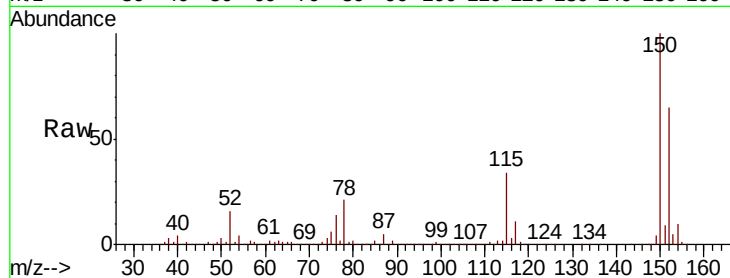
Tot Ion:152 Resp: 173854

Ion Ratio Lower Upper

152 100

115 53.8 38.6 115.7

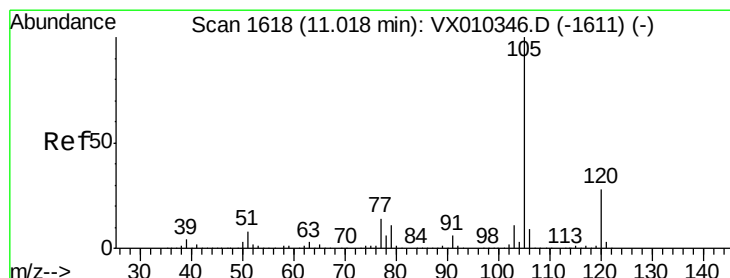
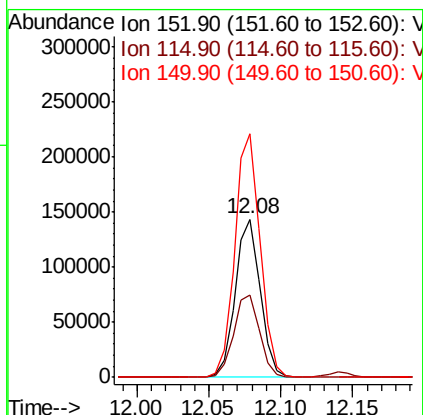
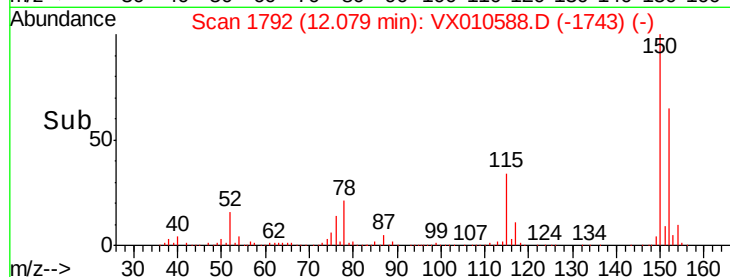
150 156.2 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 4.309 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010588.D

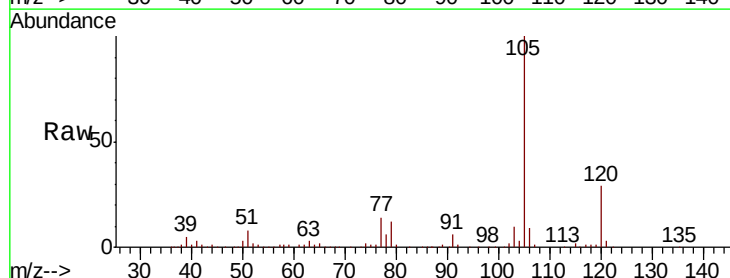
Acq: 01 Jul 2019 14:11

Tgt Ion:105 Resp: 50785

Ion Ratio Lower Upper

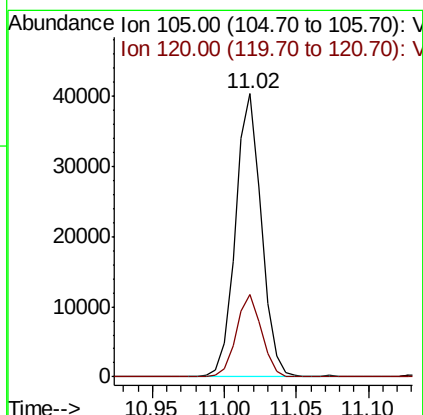
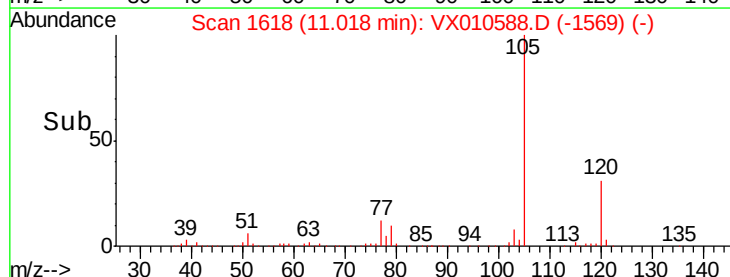
105 100

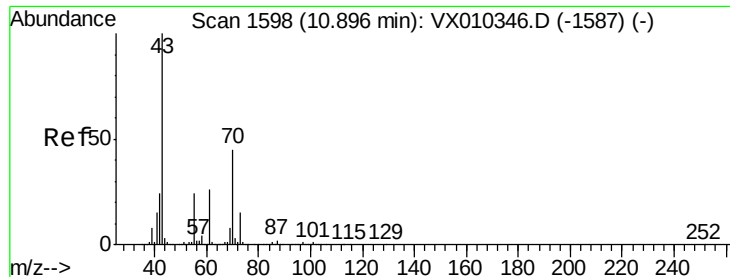
120 28.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.321 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

FL-0571DL

Tot Ion: 43 Resp: 1429

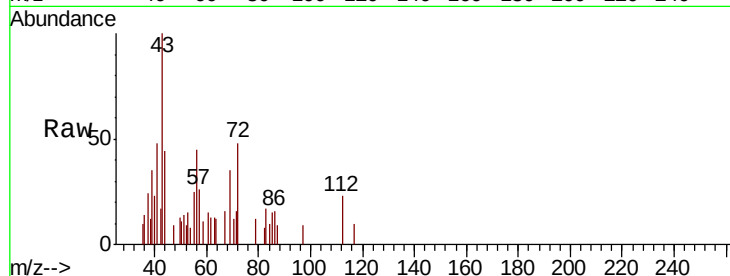
Ion Ratio Lower Upper

43 100

70 22.3 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#

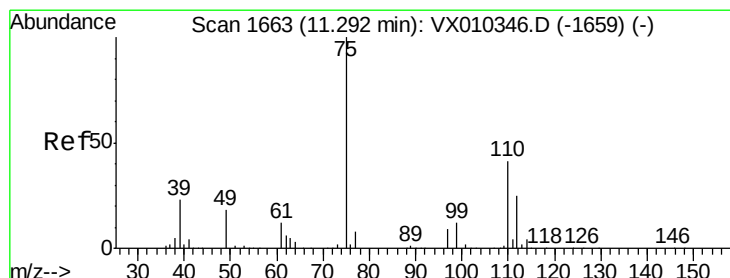
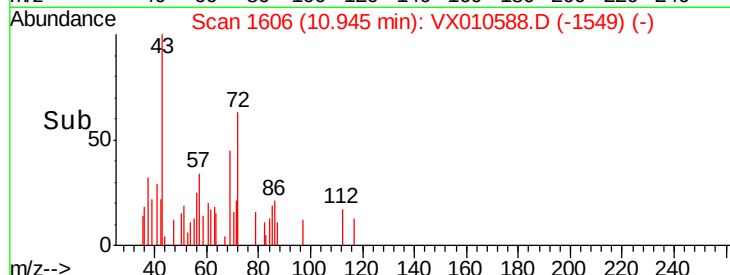
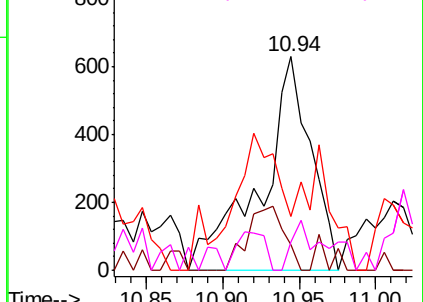


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 0.800 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.14 min

Lab File: VX010588.D

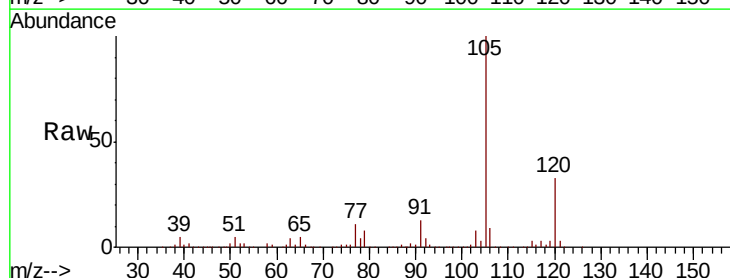
Acq: 01 Jul 2019 14:11

Tgt Ion: 75 Resp: 2536

Ion Ratio Lower Upper

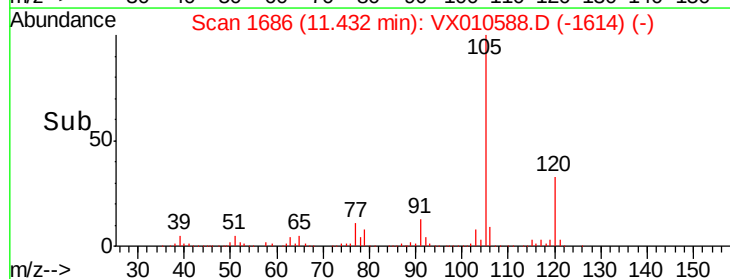
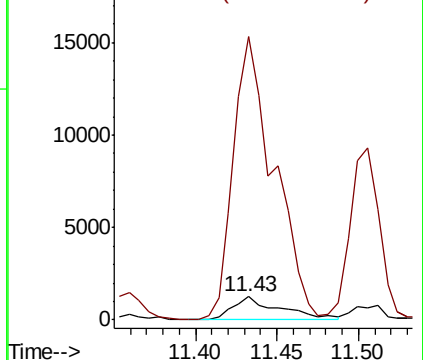
75 100

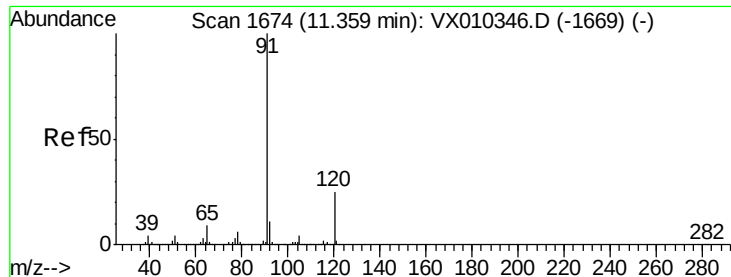
77 1046.7 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.930 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

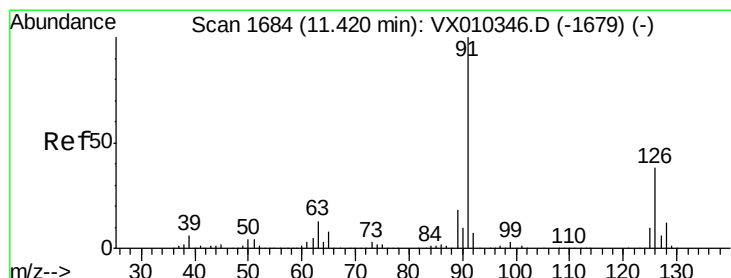
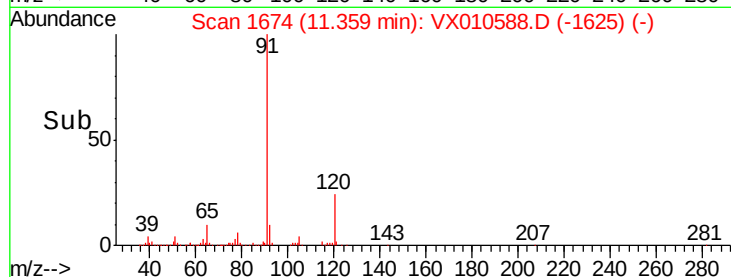
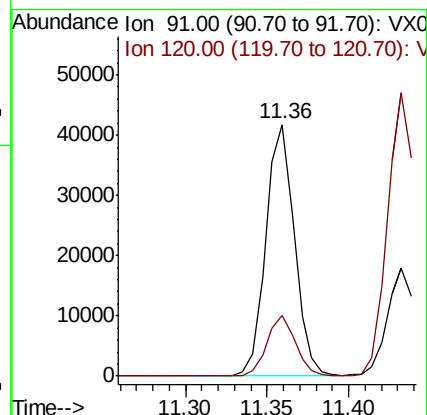
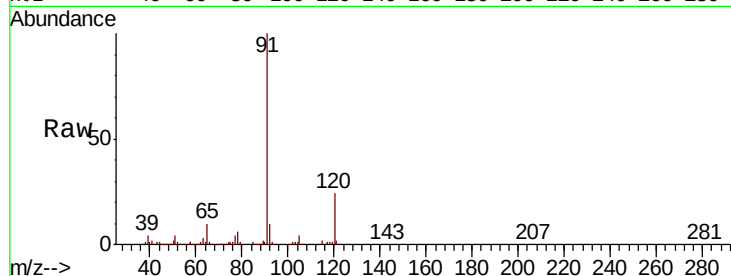
FL-0571DL

Tot Ion: 91 Resp: 50909

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.4



#79

2-Chlorotoluene

Concen: 3.809 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010588.D

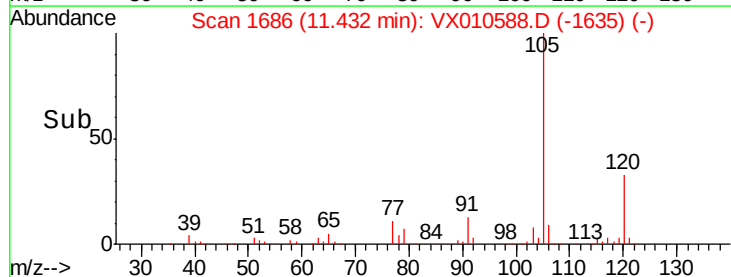
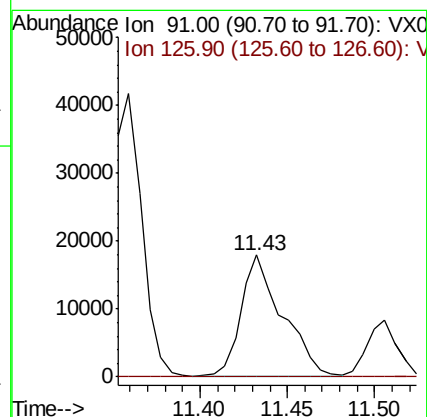
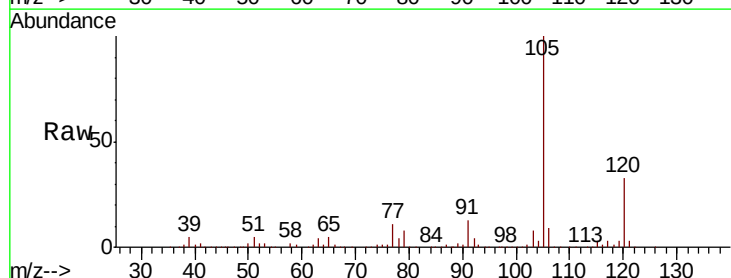
Acq: 01 Jul 2019 14:11

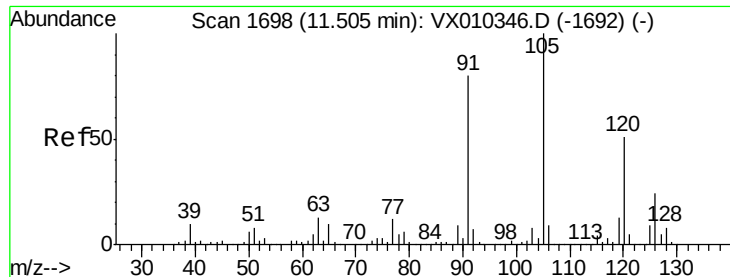
Tgt Ion: 91 Resp: 29376

Ion Ratio Lower Upper

91 100

126 0.1 18.7 56.1#

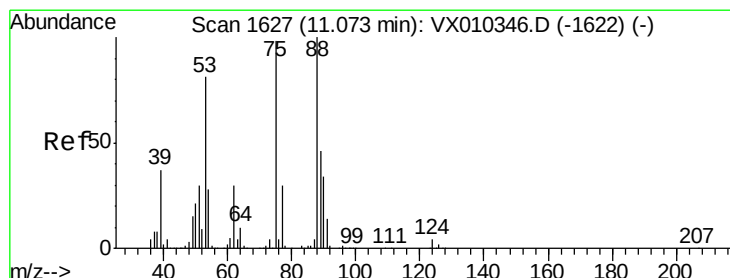
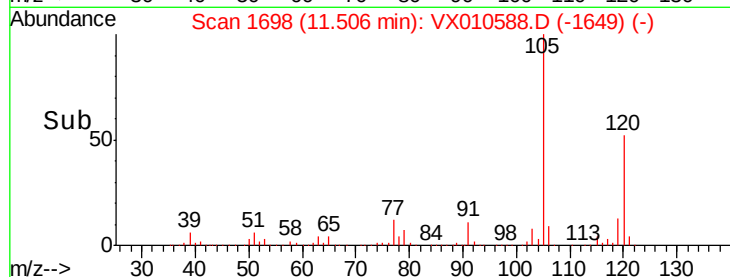
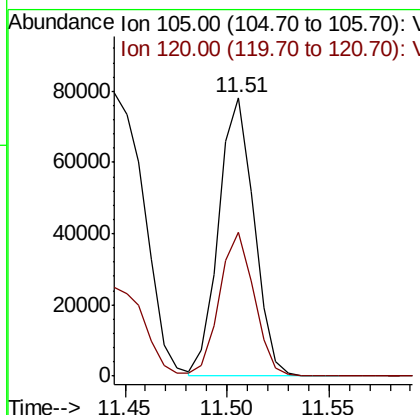
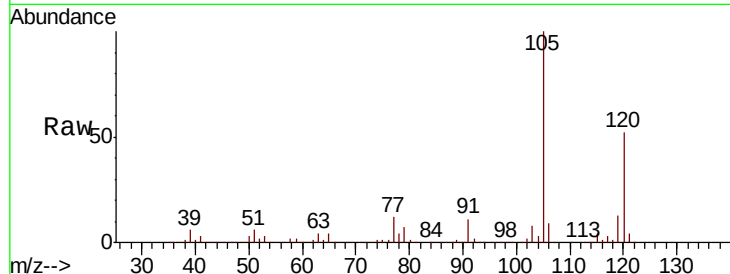




#80
 1,3,5-Trimethylbenzene
 Concen: 9.644 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010588.D
 Acq: 01 Jul 2019 14:11

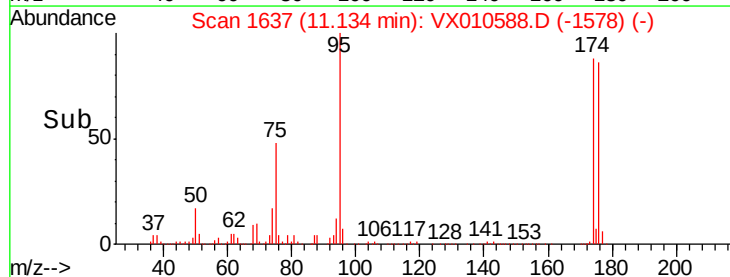
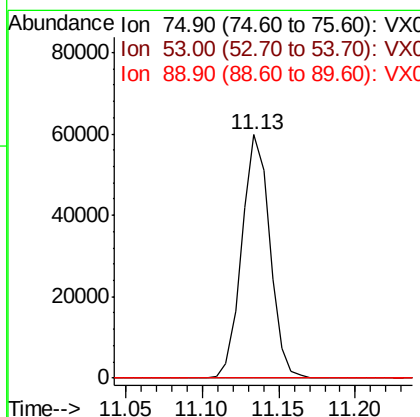
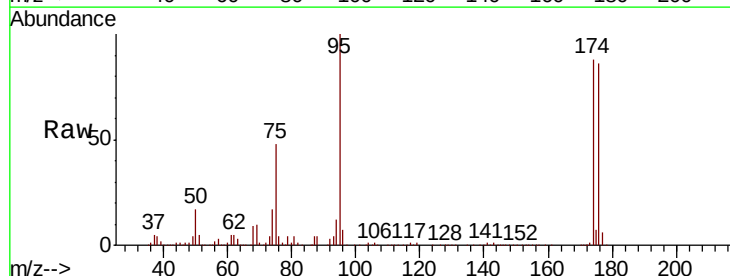
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0571DL

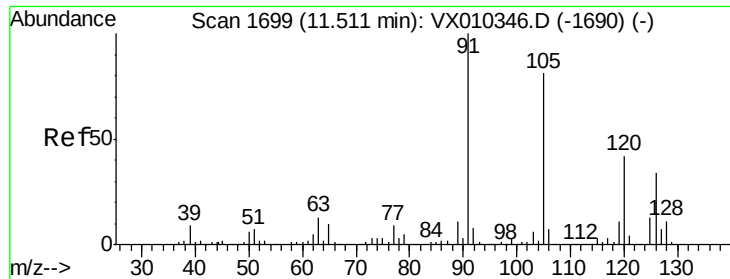
Tot Ion:105 Resp: 93694
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.034 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010588.D
 Acq: 01 Jul 2019 14:11

Tgt Ion: 75 Resp: 76094
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.1 37.8 56.6#

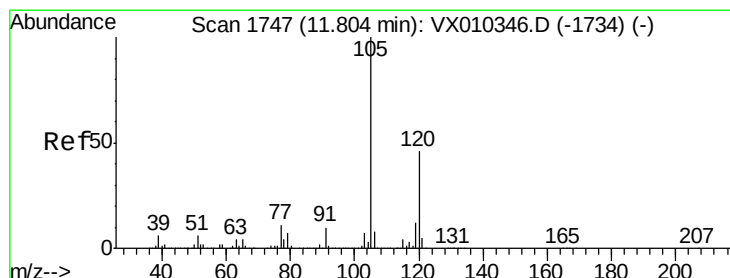
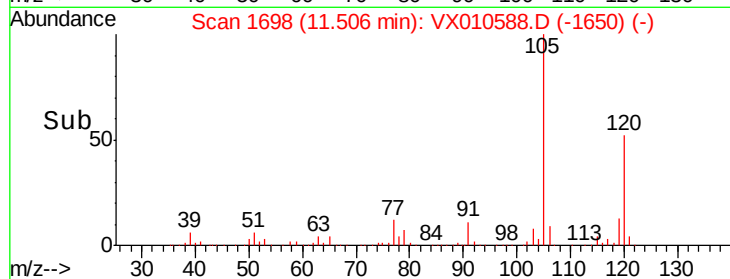
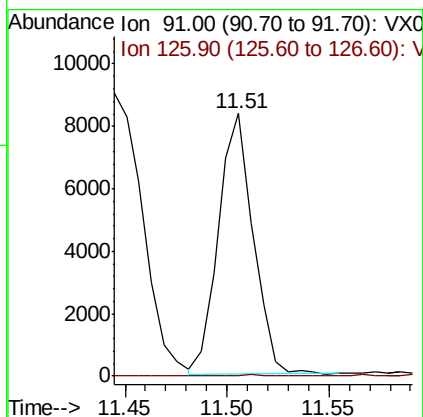
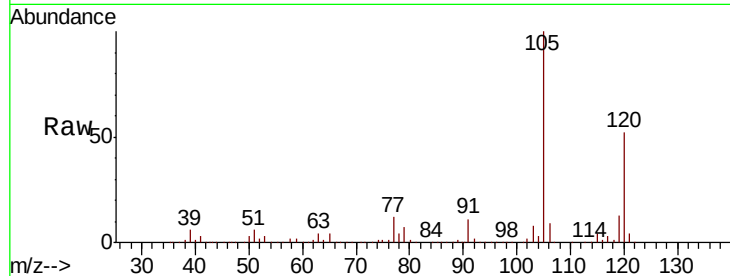




#82
4-Chlorotoluene
Concen: 1.116 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010588.D
Acq: 01 Jul 2019 14:11

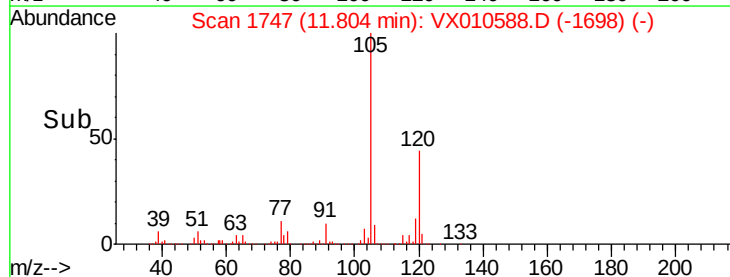
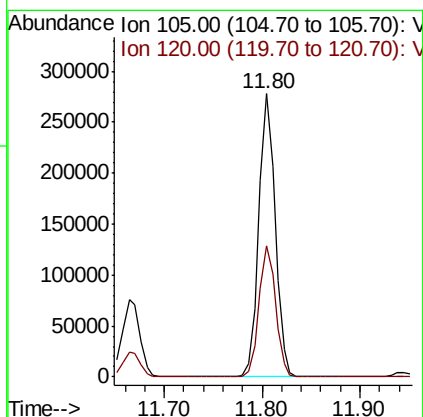
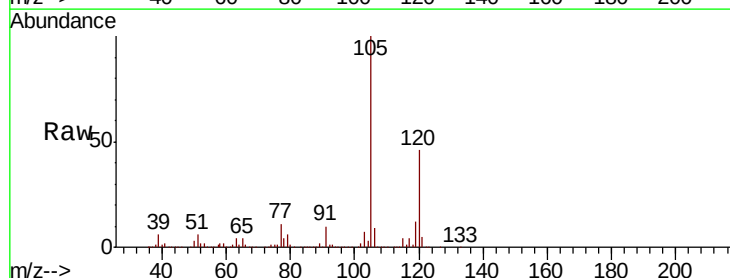
Instrument :
MSVOA_X
ClientSampled :
FL-0571DL

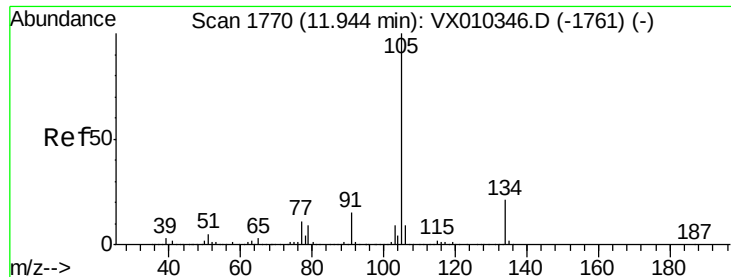
Tot Ion: 91 Resp: 9793
Ion Ratio Lower Upper
91 100
126 0.2 16.2 48.6#



#84
1,2,4-Trimethylbenzene
Concen: 33.259 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010588.D
Acq: 01 Jul 2019 14:11

Tgt Ion: 105 Resp: 324643
Ion Ratio Lower Upper
105 100
120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 28.355 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

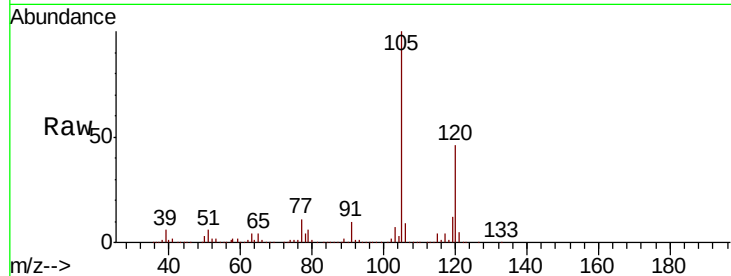
FL-0571DL

Tot Ion:105 Resp: 324643

Ion Ratio Lower Upper

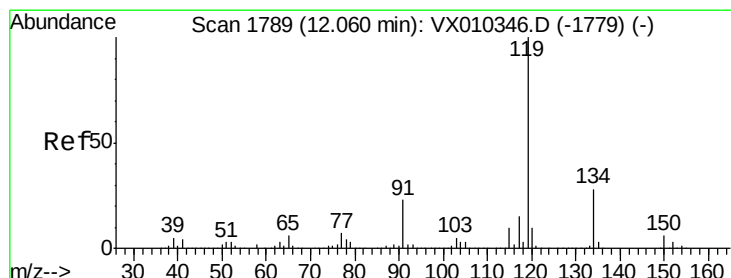
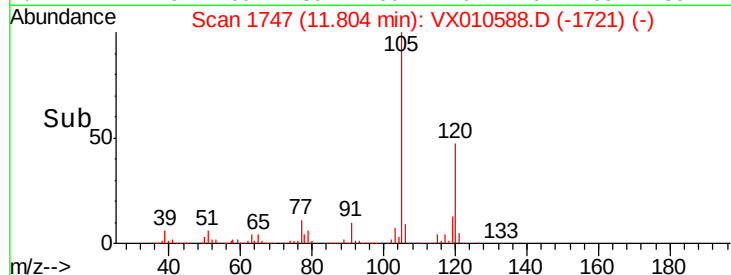
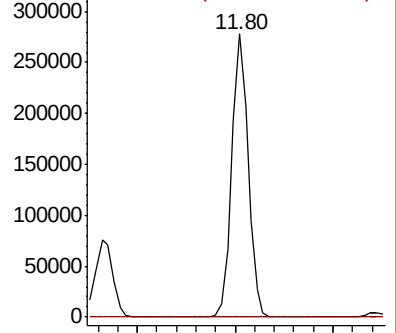
105 100

134 0.0 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: 0.642 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

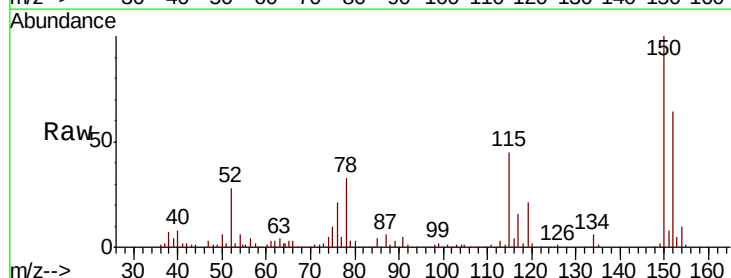
Tgt Ion:119 Resp: 6801

Ion Ratio Lower Upper

119 100

134 30.3 13.7 41.1

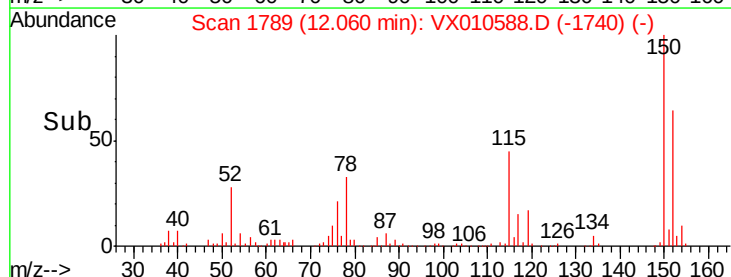
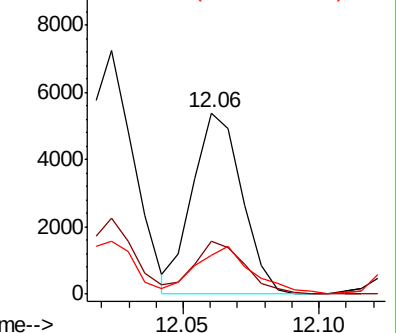
91 30.0 11.3 33.8

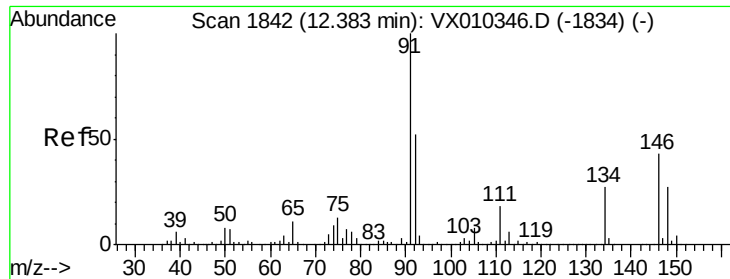


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 0.878 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010588.D

Acq: 01 Jul 2019 14:11

Instrument :

MSVOA_X

ClientSampled :

FL-0571DL

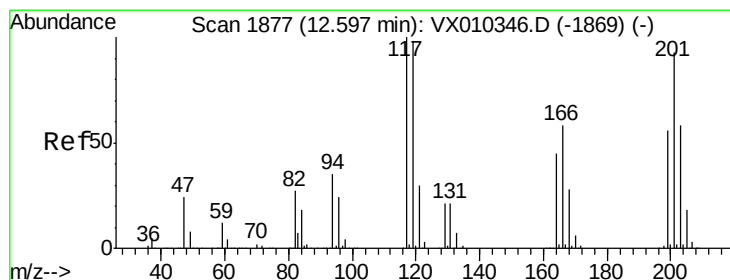
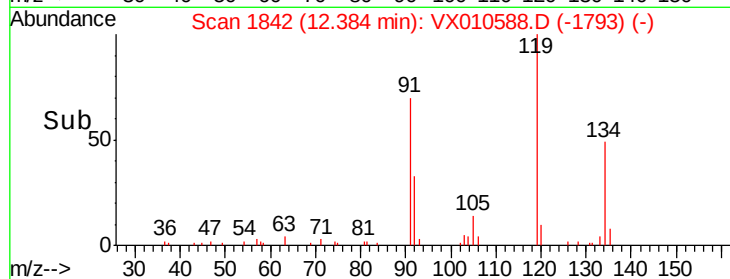
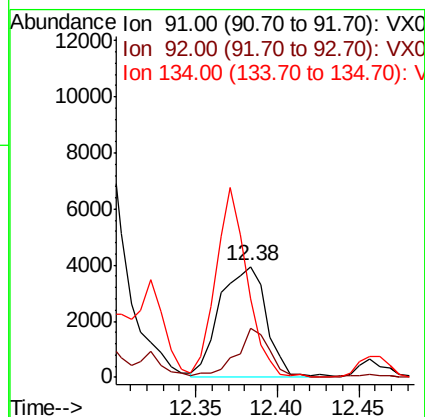
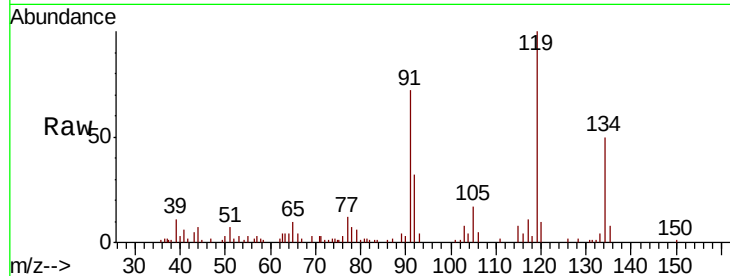
Tot Ion: 91 Resp: 7904

Ion Ratio Lower Upper

91 100

92 31.9 26.2 78.5

134 115.6 14.1 42.4#



#90

Hexachloroethane

Concen: 0.956 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010588.D

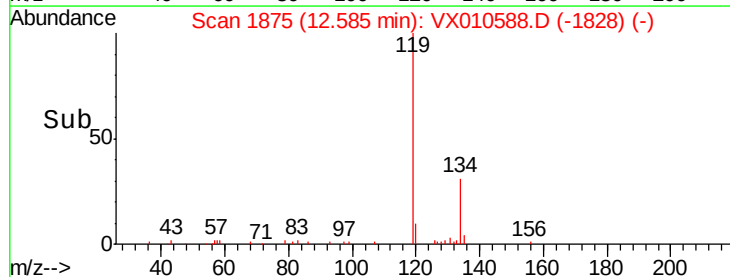
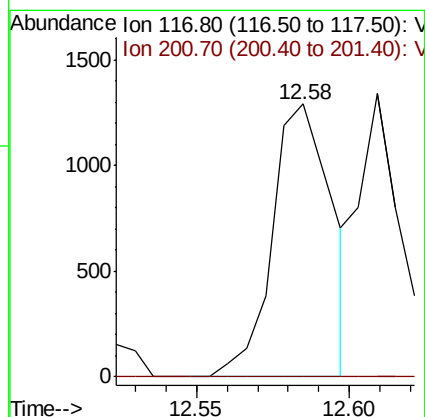
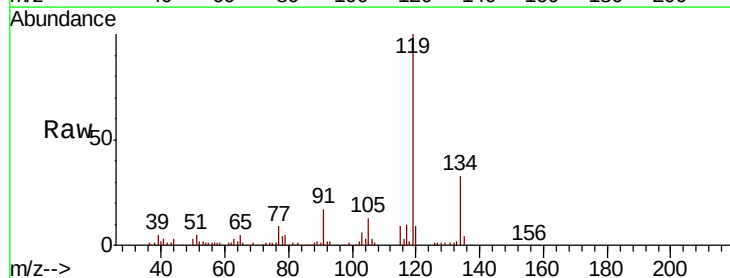
Acq: 01 Jul 2019 14:11

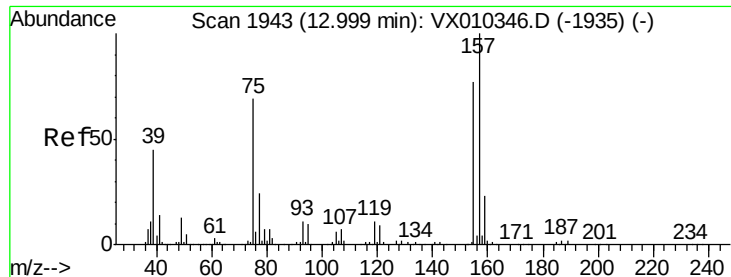
Tgt Ion: 117 Resp: 1751

Ion Ratio Lower Upper

117 100

201 0.0 44.0 131.8#

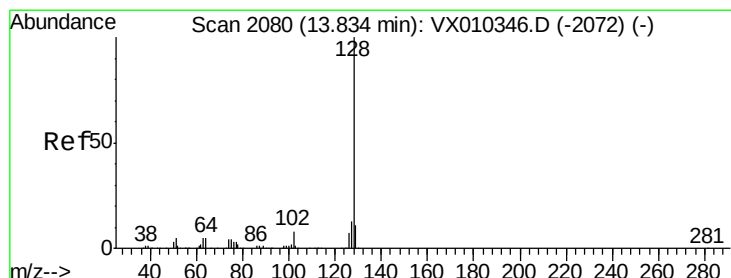
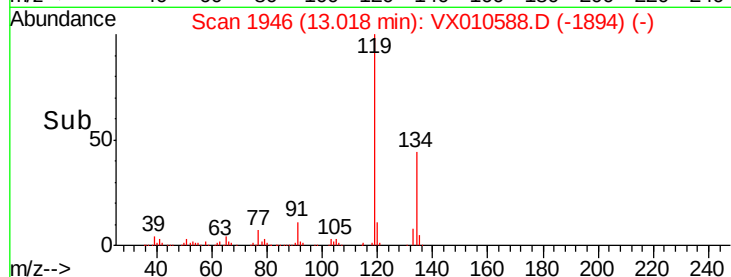
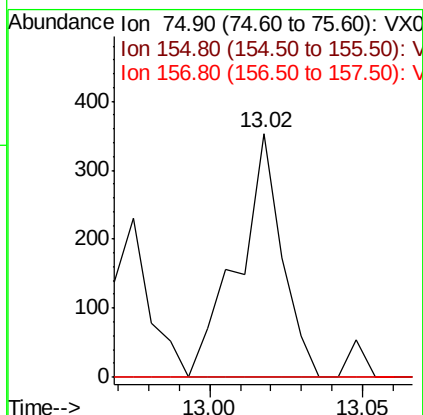
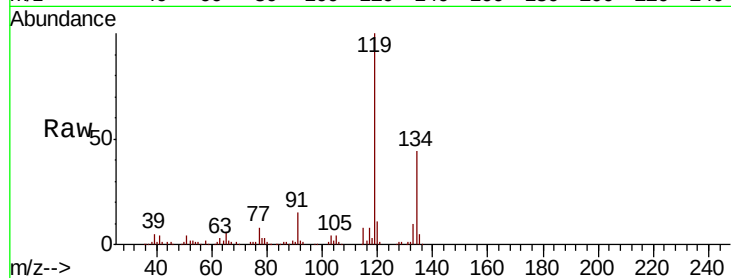




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.417 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX010588.D
 Acq: 01 Jul 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0571DL

Tot Ion: 75 Resp: 351
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#



#95
 Naphthalene
 Concen: 11.835 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010588.D
 Acq: 01 Jul 2019 14:11

Tgt Ion:128 Resp: 143997
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.4
 129 11.1 8.9 13.3

