

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010678.D
 Acq On : 04 Jul 2019 09:25
 Operator : JC/SP
 Sample : K3664-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0585

Quant Time: Jul 05 00:58:42 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	230484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360961	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	327304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117147	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
35) Dibromofluoromethane	5.50	113	110262	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	8.71	98	428826	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	149255	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	768	0.412	ug/l 92
5) Bromomethane	1.65	94	641	0.644	ug/l # 49
6) Chloroethane	1.62	64	471	0.391	ug/l 89
11) Tert butyl alcohol	3.02	59	1928	3.410	ug/l # 74
13) Acrolein	2.28	56	261	0.696	ug/l # 73
14) Allyl chloride	2.84	41	9390	3.311	ug/l # 60
15) Acrylonitrile	3.18	53	1949	1.741	ug/l # 45
16) Acetone	2.45	43	3295	3.042	ug/l 96
18) Methyl Acetate	2.85	43	23406	10.843	ug/l # 49
20) Methylene Chloride	2.85	84	643	0.288	ug/l # 37
31) Cyclohexane	5.58	56	21102	6.760	ug/l 94
36) 1,1-Dichloropropene	5.66	75	15177	5.291	ug/l # 48
38) Carbon Tetrachloride	5.67	117	21173	6.817	ug/l # 15
39) Methylcyclohexane	7.46	83	27794	7.372	ug/l 96
41) Methacrylonitrile	5.05	41	455	0.281	ug/l # 54
48) Methyl methacrylate	7.73	41	958	0.422	ug/l # 53
49) 1,4-Dioxane	7.77	88	45	0.688	ug/l # 69
51) 4-Methyl-2-Pentanone	8.66	43	760	0.243	ug/l # 34
55) 1,1,2-Trichloroethane	9.16	97	4206	1.733	ug/l # 19
56) Ethyl methacrylate	9.16	69	899	0.245	ug/l # 3
67) Ethyl Benzene	10.25	91	48676	4.339	ug/l 99
68) m/p-Xylenes	10.36	106	26515	6.100	ug/l 99
73) Isopropylbenzene	11.02	105	28725	2.699	ug/l 97
76) 1,2,3-Trichloropropane	11.13	75	73423	25.664	ug/l # 33
78) n-propylbenzene	11.36	91	49941	4.270	ug/l 99
79) 2-Chlorotoluene	11.44	91	3894	0.559	ug/l # 38
80) 1,3,5-Trimethylbenzene	11.51	105	24844	2.832	ug/l 99
81) trans-1,4-Dichloro-2-buten	11.13	75	73423	59.871	ug/l # 16
82) 4-Chlorotoluene	11.51	91	3090	0.390	ug/l # 42
83) tert-Butylbenzene	12.02	119	3583	0.407	ug/l 71
84) 1,2,4-Trimethylbenzene	11.80	105	72770	8.256	ug/l 100
85) sec-Butylbenzene	11.94	105	26298	2.544	ug/l 92
86) p-Isopropyltoluene	12.02	119	3668	0.384	ug/l 90
89) n-Butylbenzene	12.38	91	4547	0.560	ug/l # 41

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

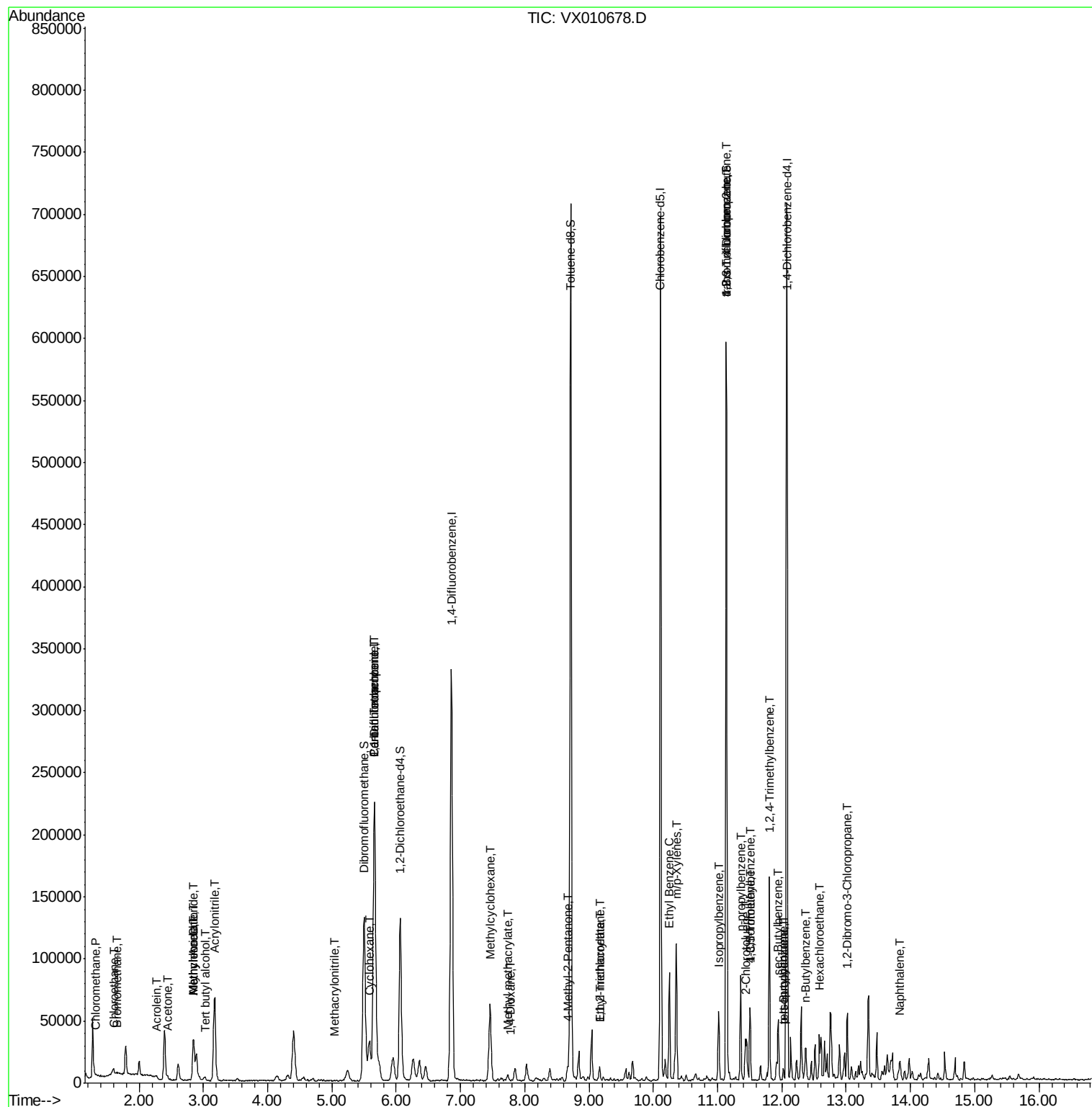
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.58	117	1622	0.981	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	304	0.400	ug/l #	1
95) Naphthalene	13.83	128	10151	0.924	ug/l	94

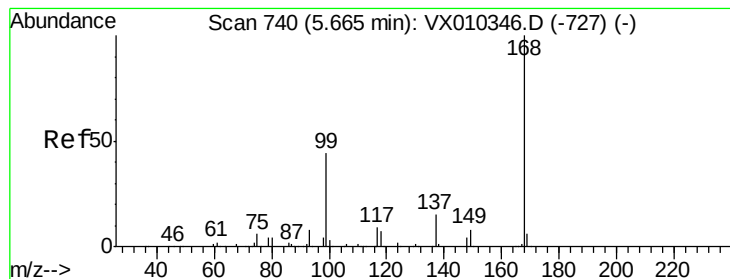
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampled :

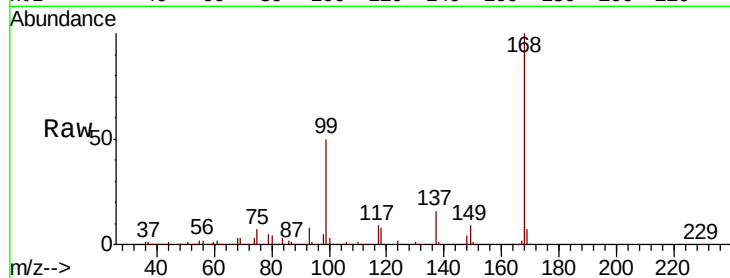
FL-0585

Tot Ion:168 Resp: 230484

Ion Ratio Lower Upper

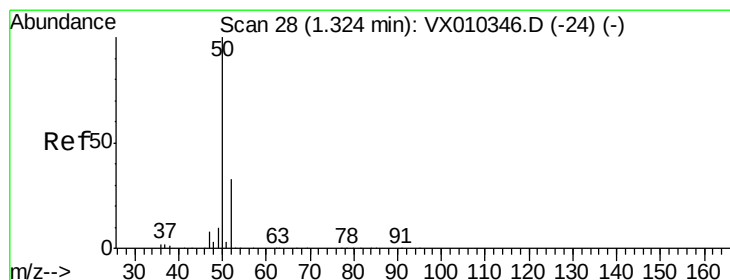
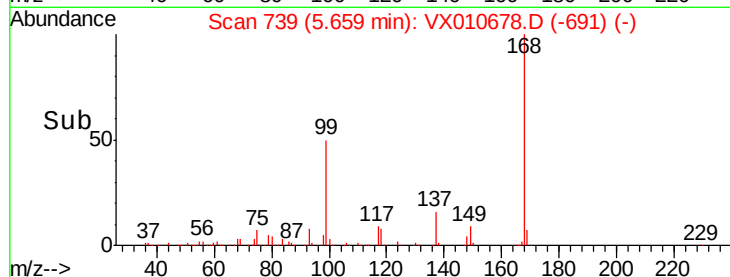
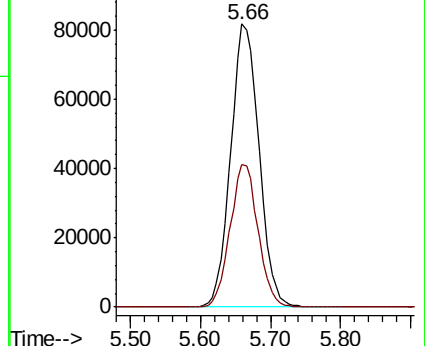
168 100

99 50.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.412 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010678.D

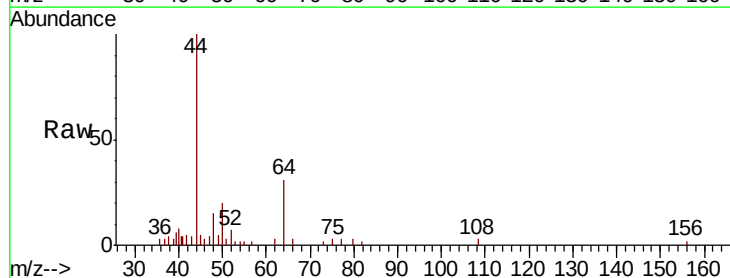
Acq: 04 Jul 2019 09:25

Tgt Ion: 50 Resp: 768

Ion Ratio Lower Upper

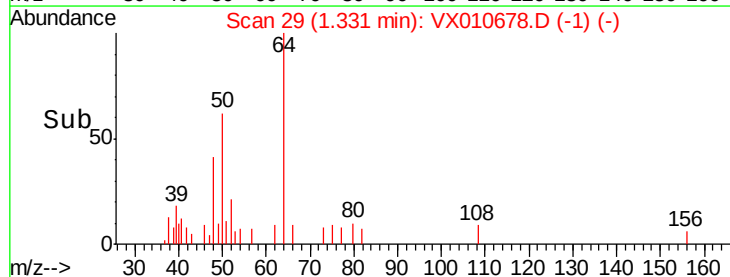
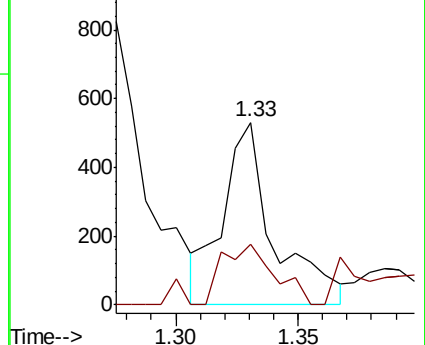
50 100

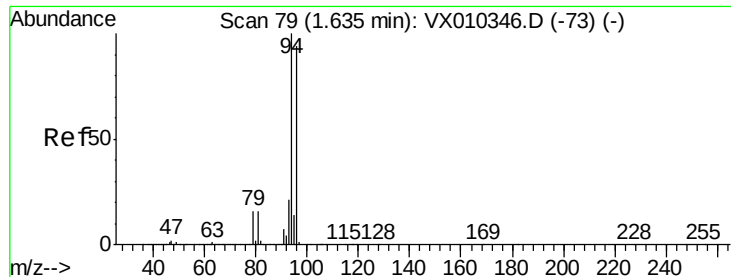
52 37.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.644 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampleId :

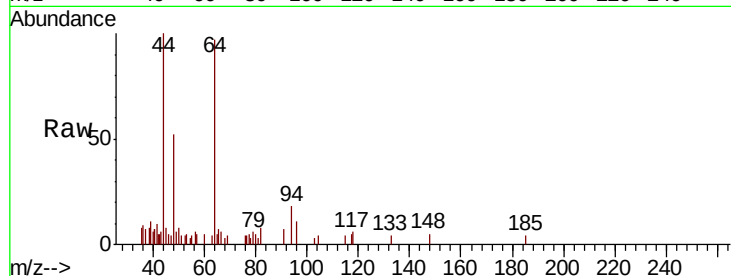
FL-0585

Tot Ion: 94 Resp: 641

Ion Ratio Lower Upper

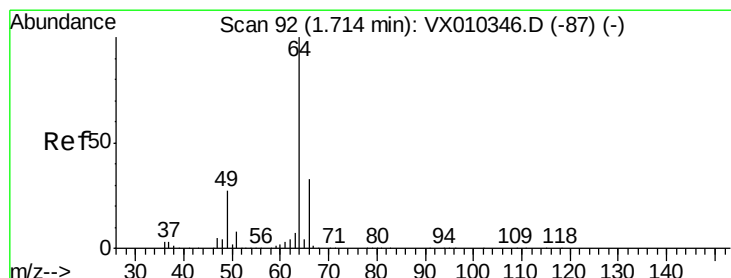
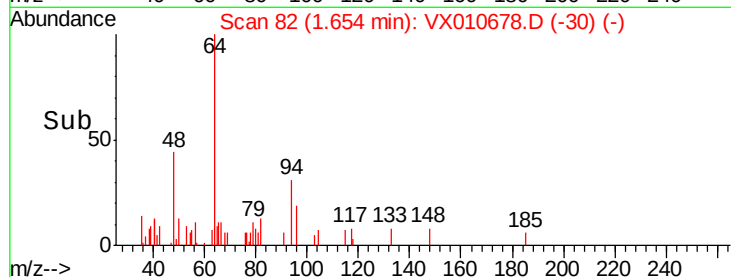
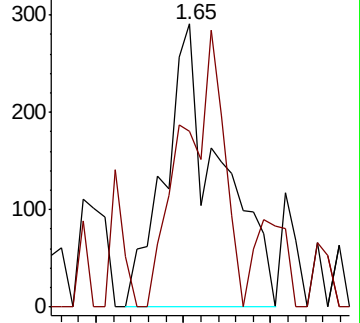
94 100

96 44.7 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.391 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.09 min

Lab File: VX010678.D

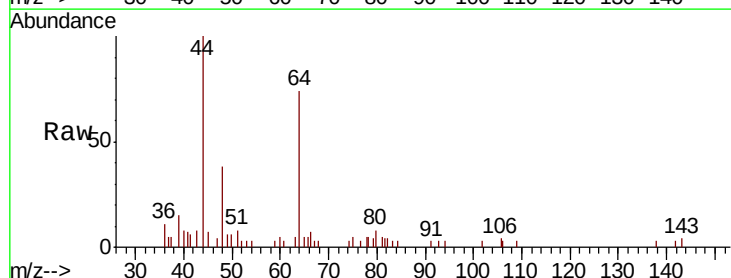
Acq: 04 Jul 2019 09:25

Tgt Ion: 64 Resp: 471

Ion Ratio Lower Upper

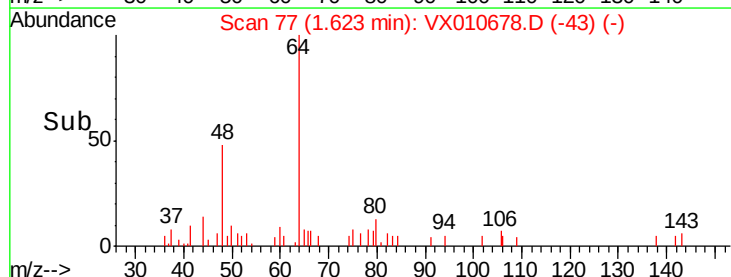
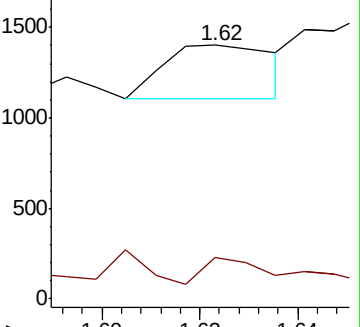
64 100

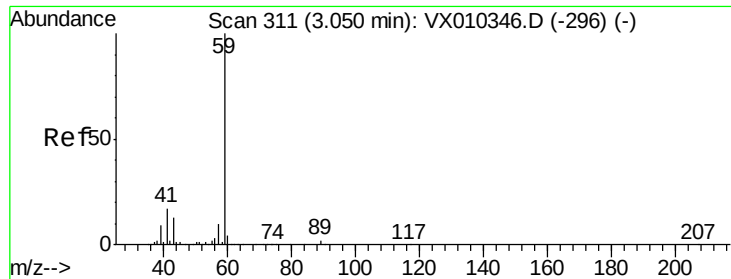
66 39.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

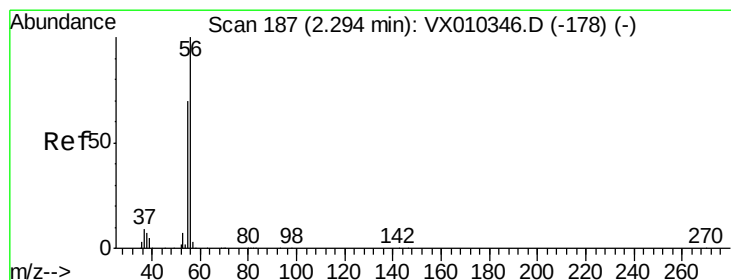
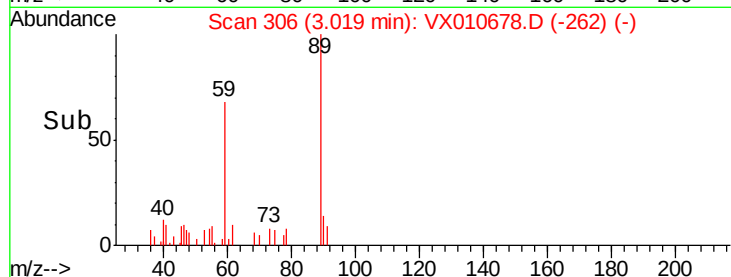
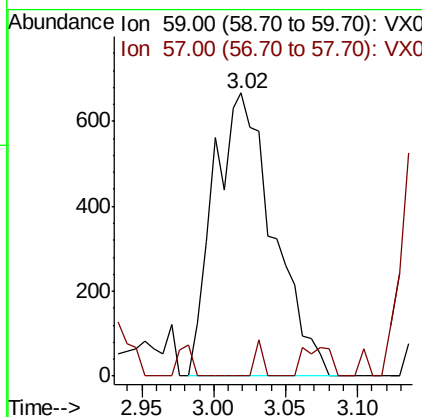
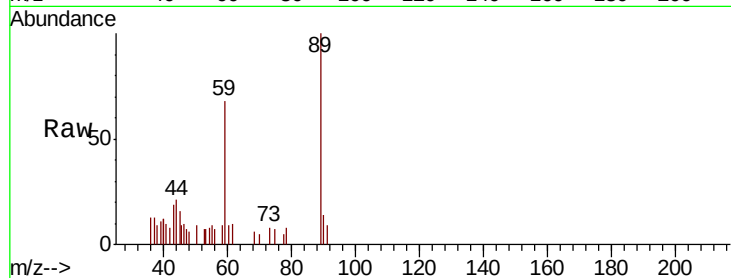




#11
Tert butyl alcohol
Concen: 3.410 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

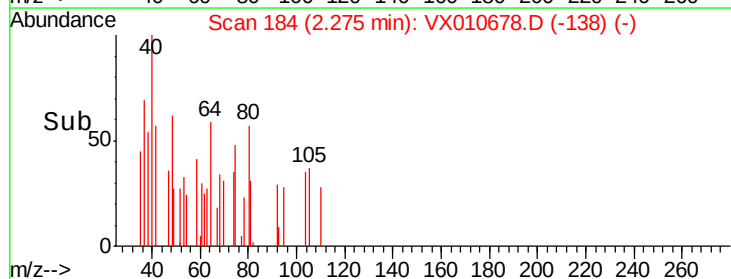
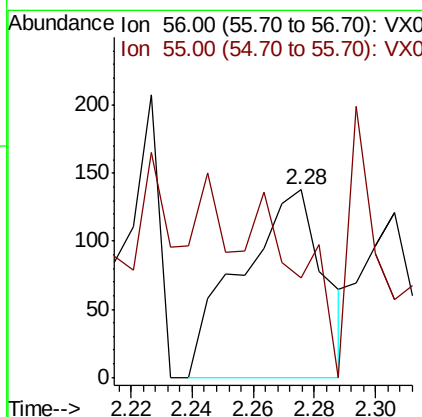
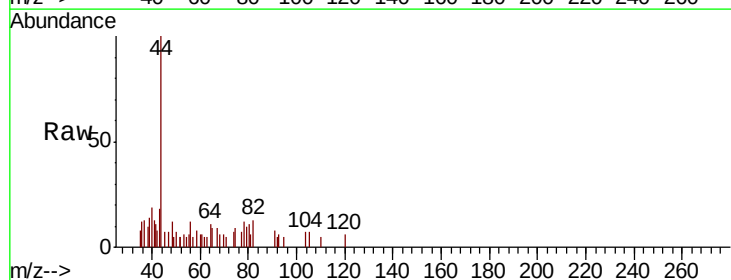
Instrument :
MSVOA_X
ClientSampleId :
FL-0585

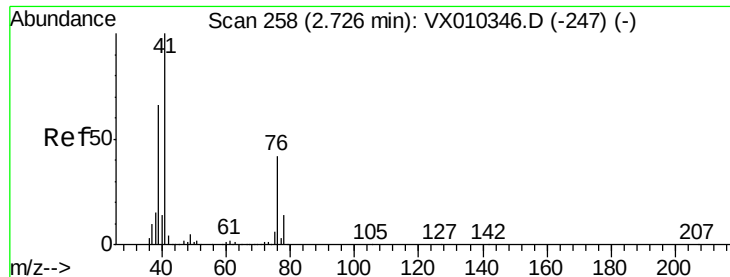
Tot Ion: 59 Resp: 1928
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 0.696 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Tgt Ion: 56 Resp: 261
Ion Ratio Lower Upper
56 100
55 48.7 56.9 85.3#





#14

Allvl chloride

Concen: 3.311 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

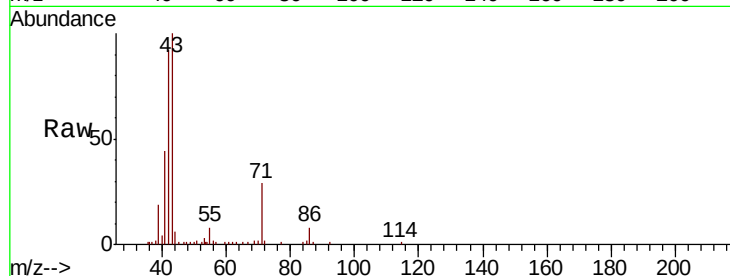
Tot Ion: 41 Resp: 9390

Ion Ratio Lower Upper

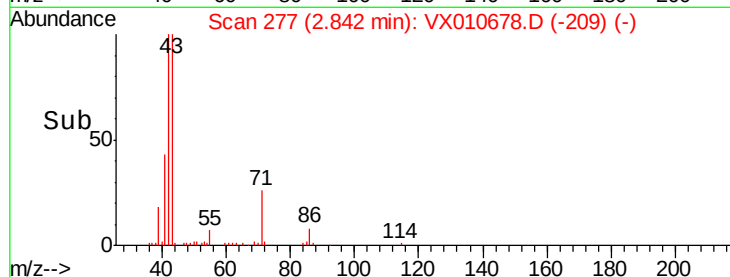
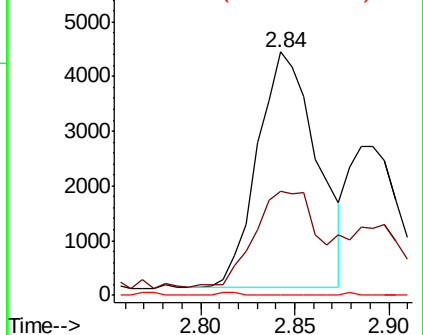
41 100

39 43.3 50.3 75.5#

76 0.0 31.3 46.9#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 1.741 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.04 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

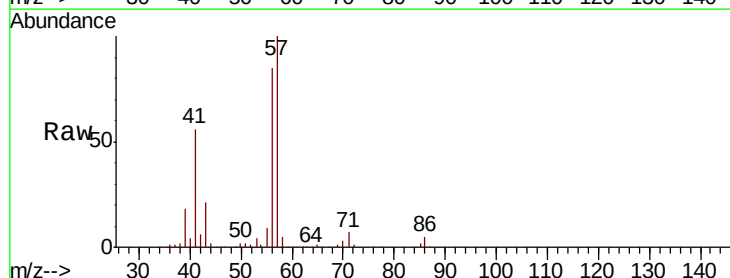
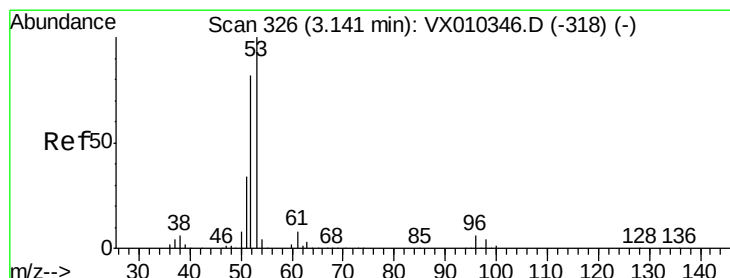
Tgt Ion: 53 Resp: 1949

Ion Ratio Lower Upper

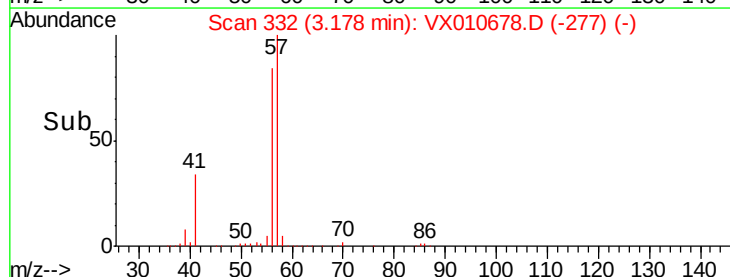
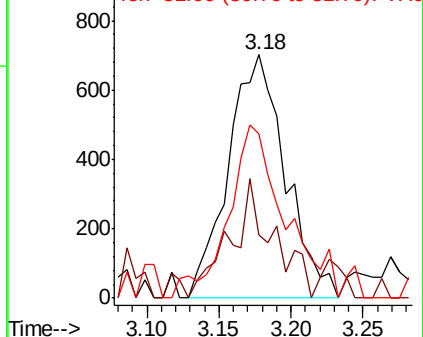
53 100

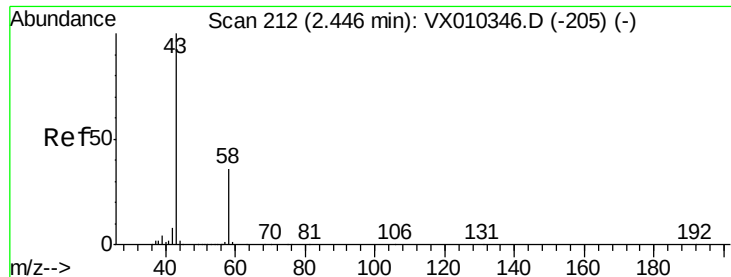
52 36.9 65.5 98.3#

51 73.2 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 3.042 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampleId :

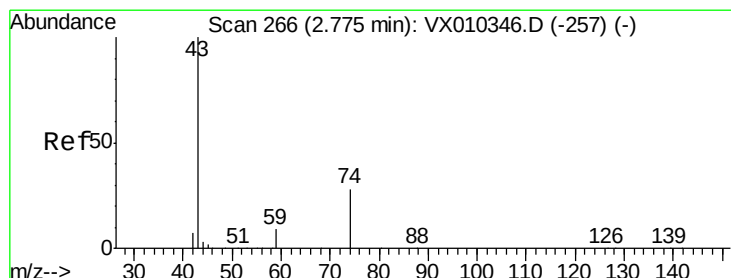
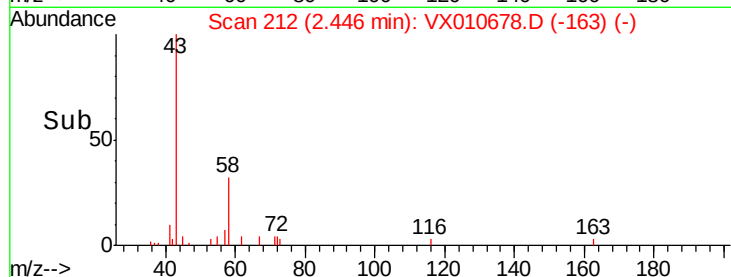
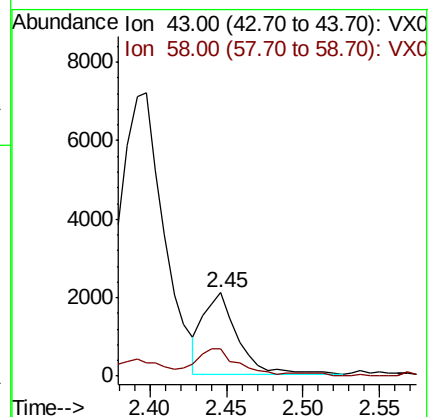
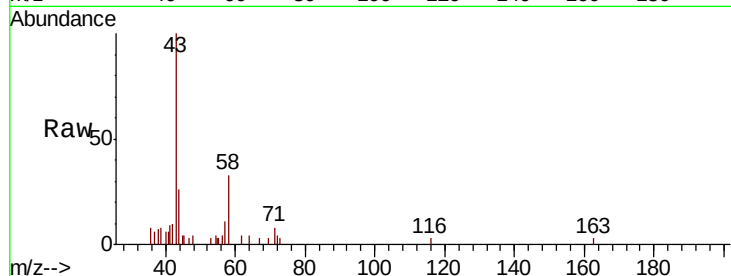
FL-0585

Tot Ion: 43 Resp: 3295

Ion Ratio Lower Upper

43 100

58 33.7 28.9 43.3



#18

Methyl Acetate

Concen: 10.843 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010678.D

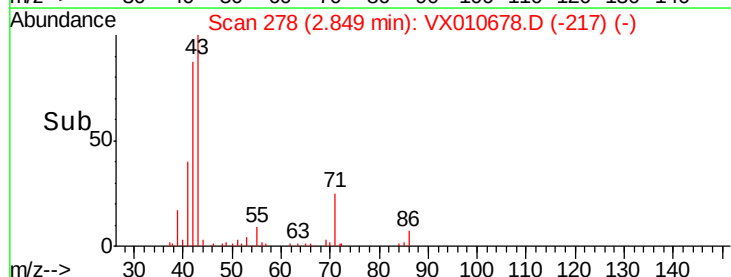
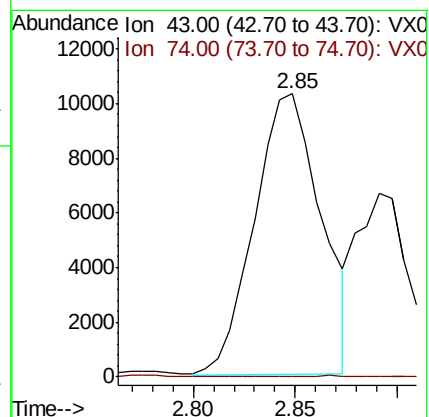
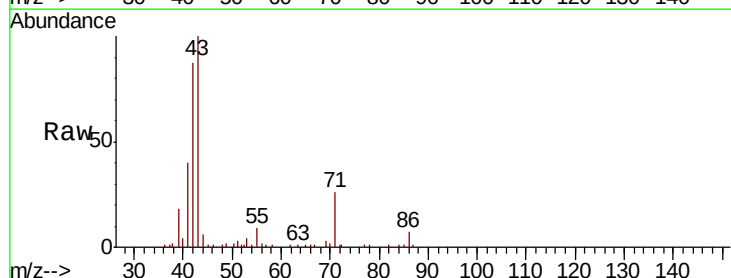
Acq: 04 Jul 2019 09:25

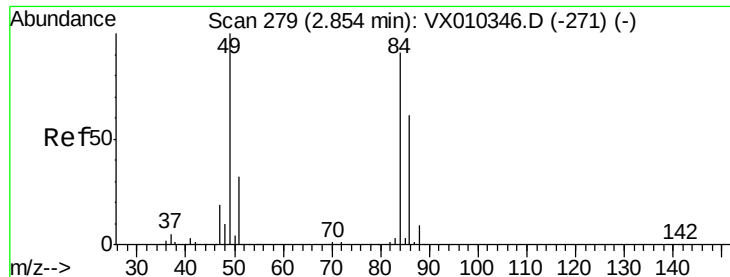
Tgt Ion: 43 Resp: 23406

Ion Ratio Lower Upper

43 100

74 0.1 21.3 31.9#





#20

Methylene Chloride

Concen: 0.288 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

Tot Ion: 84 Resp: 643

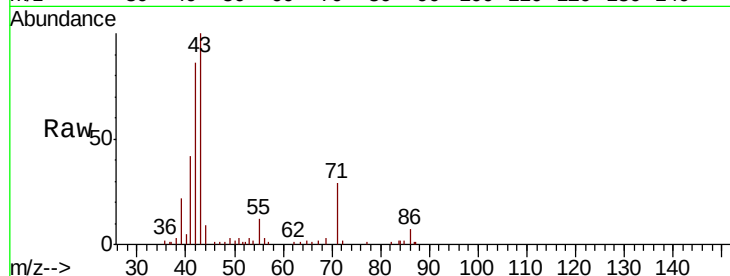
Ion Ratio Lower Upper

84 100

49 77.6 87.5 131.3#

51 50.0 27.7 41.5#

86 174.5 53.4 80.0#

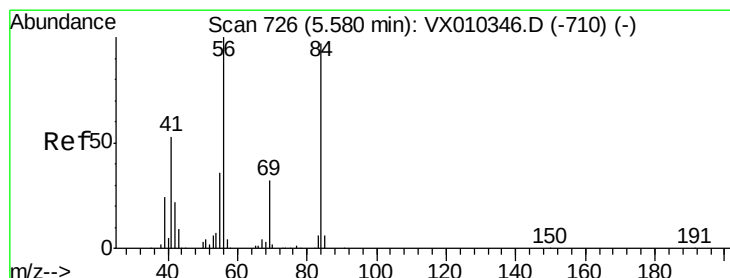
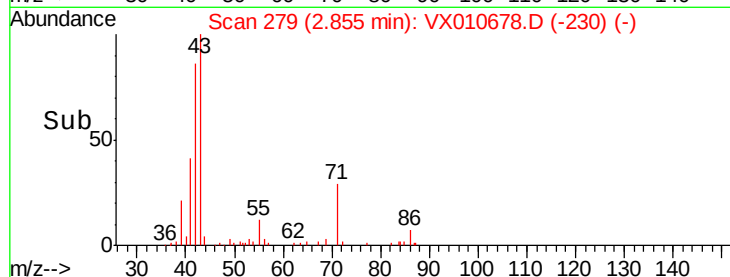
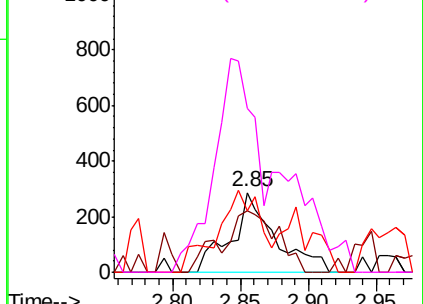


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#31

Cyclohexane

Concen: 6.760 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

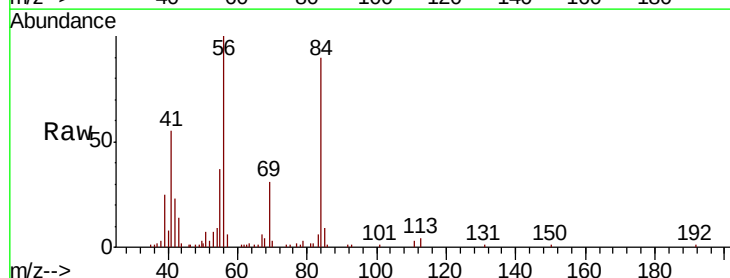
Tgt Ion: 56 Resp: 21102

Ion Ratio Lower Upper

56 100

69 29.9 25.9 38.9

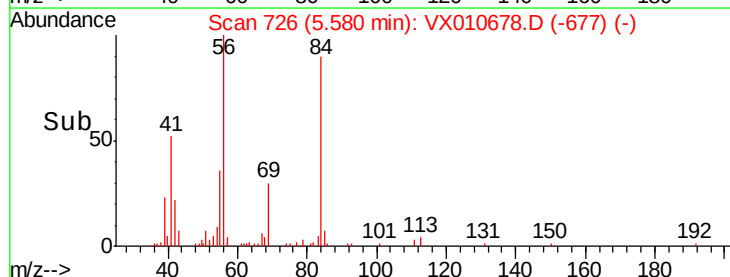
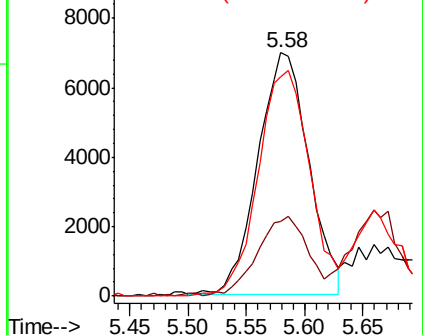
84 90.7 78.0 117.0

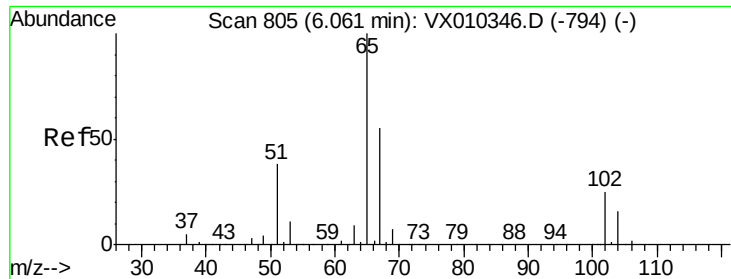


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

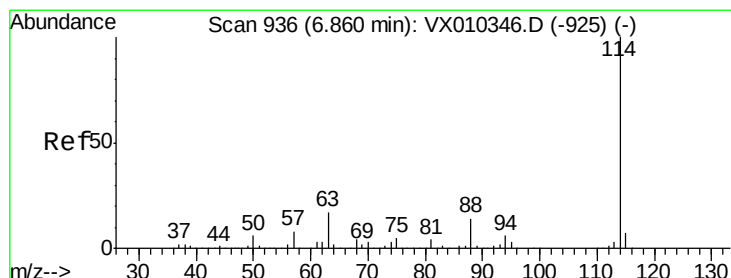
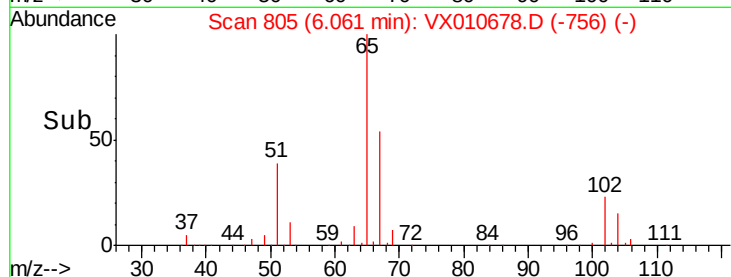
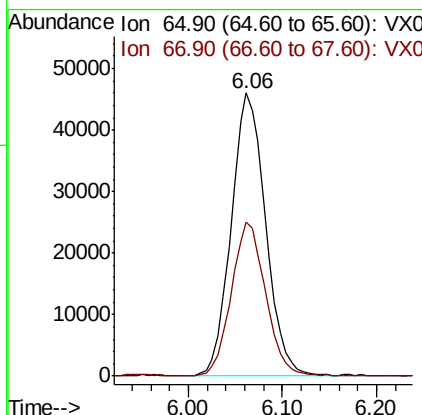
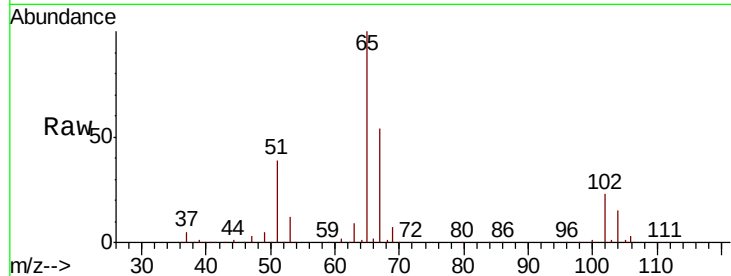




#33
 1,2-Dichloroethane-d4
 Concen: 54.209 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010678.D
 Acq: 04 Jul 2019 09:25

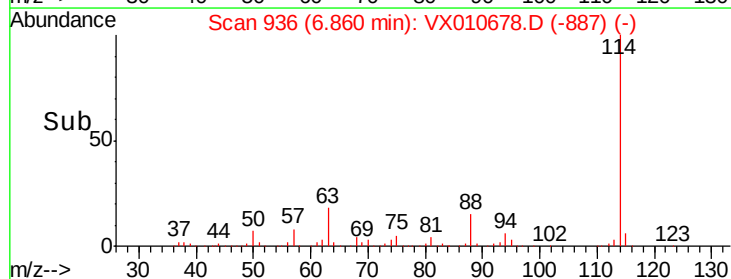
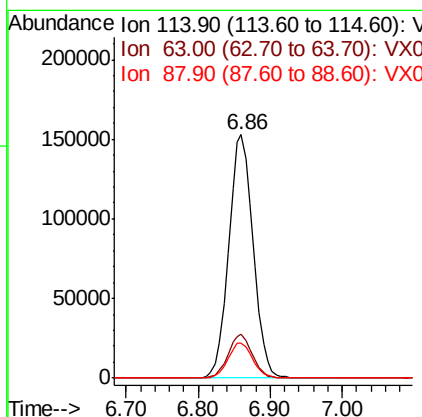
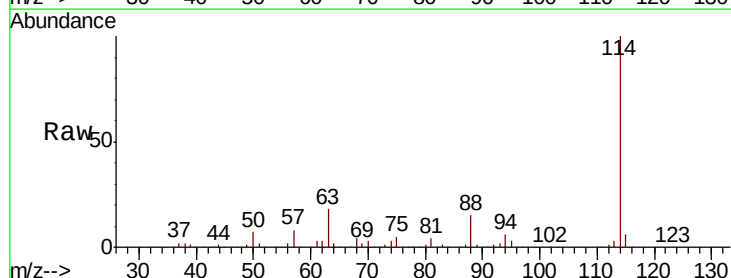
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0585

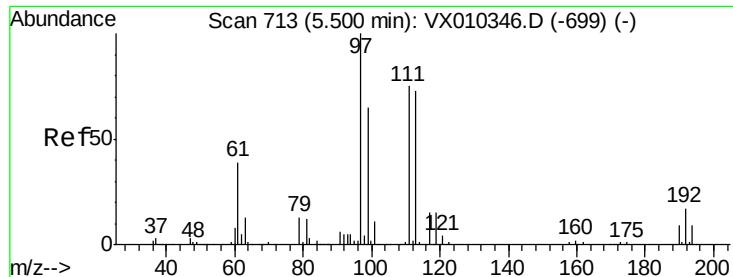
Tot Ion: 65 Resp: 117147
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010678.D
 Acq: 04 Jul 2019 09:25

Tgt Ion: 114 Resp: 360961
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 33.8
 88 14.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.926 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampled :

FL-0585

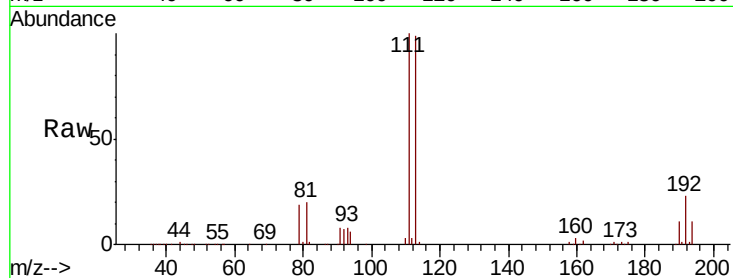
Tot Ion:113 Resp: 110262

Ion Ratio Lower Upper

113 100

111 100.0 81.2 121.8

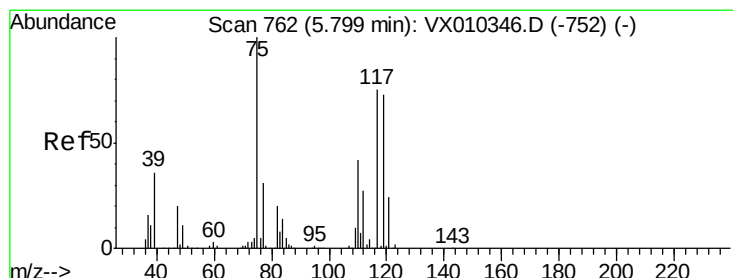
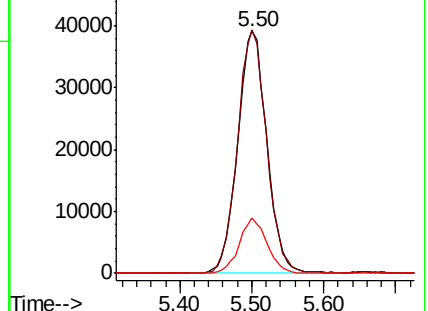
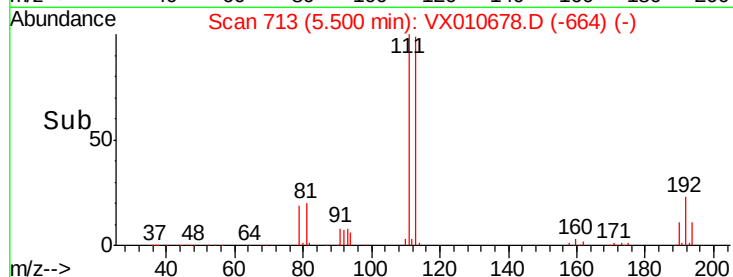
192 21.6 18.6 27.8



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: 5.291 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

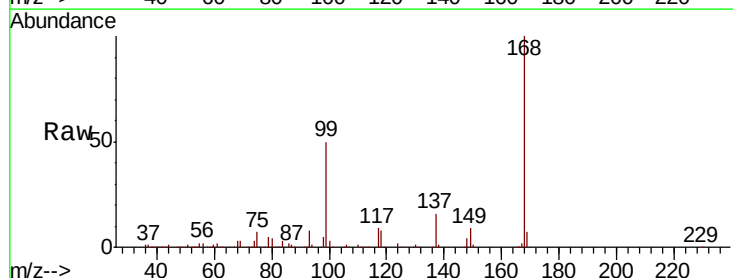
Tgt Ion: 75 Resp: 15177

Ion Ratio Lower Upper

75 100

110 10.3 20.8 62.2#

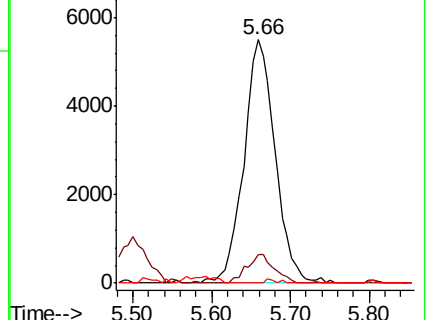
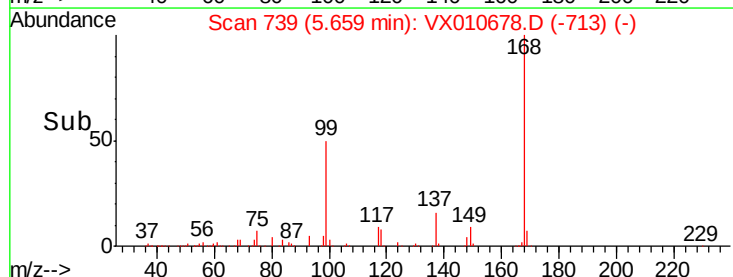
77 0.5 25.4 38.0#

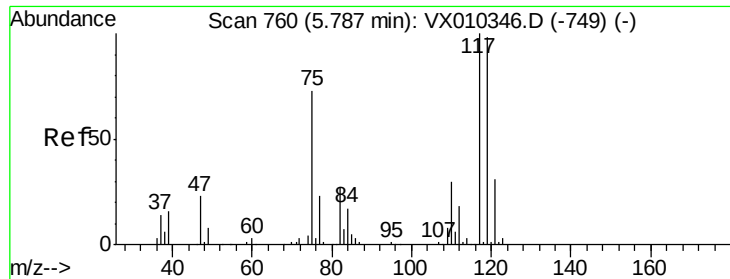


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

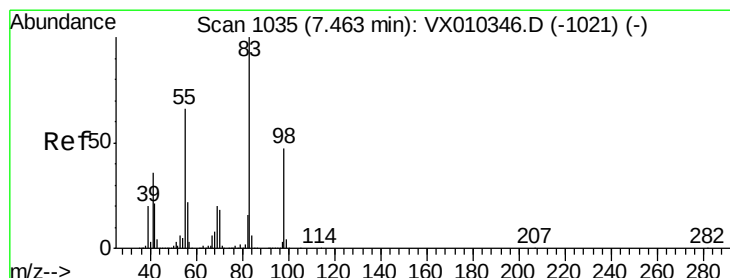
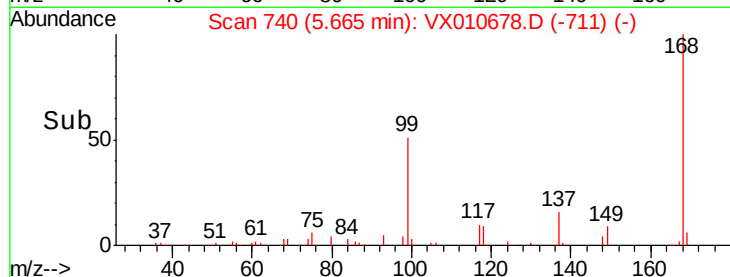
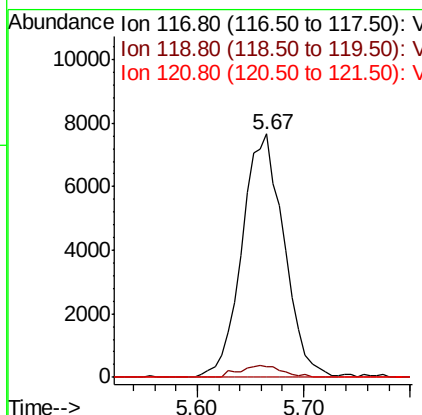
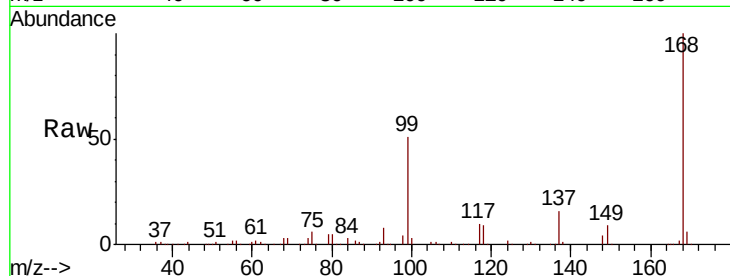




#38
Carbon Tetrachloride
Concen: 6.817 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

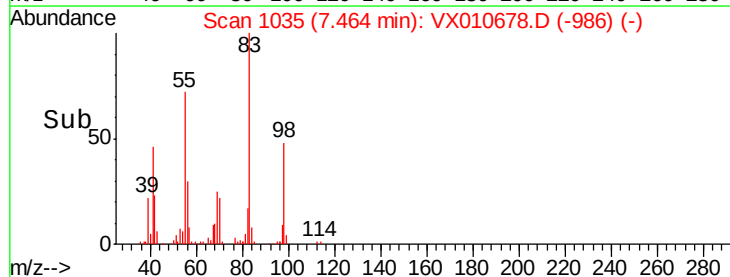
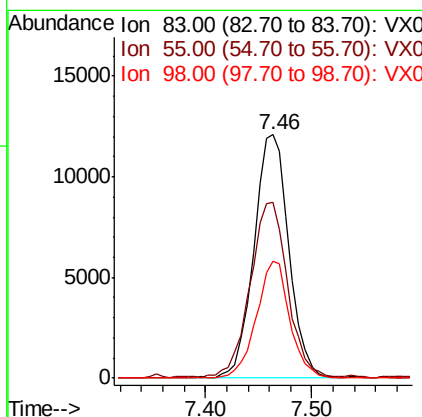
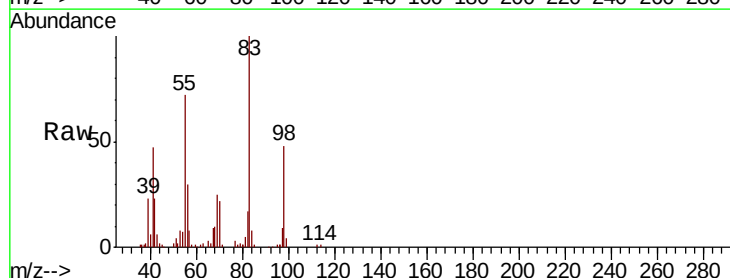
Instrument :
MSVOA_X
ClientSampled :
FL-0585

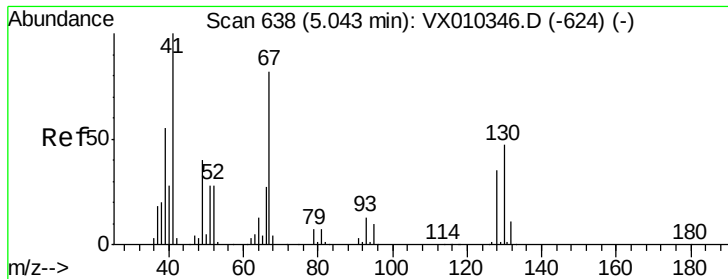
Tot Ion:117 Resp: 21173
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.4#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 7.372 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Tgt Ion: 83 Resp: 27794
Ion Ratio Lower Upper
83 100
55 71.6 53.0 79.6
98 47.8 37.8 56.8

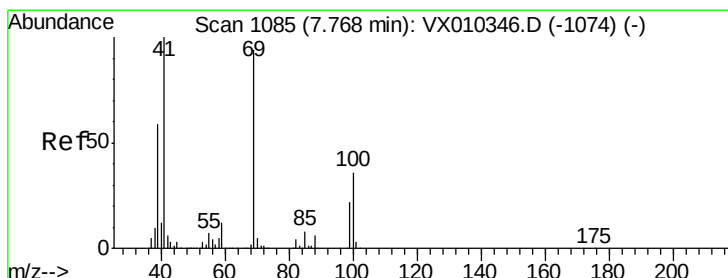
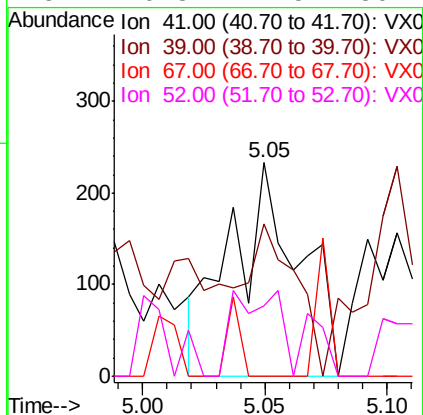
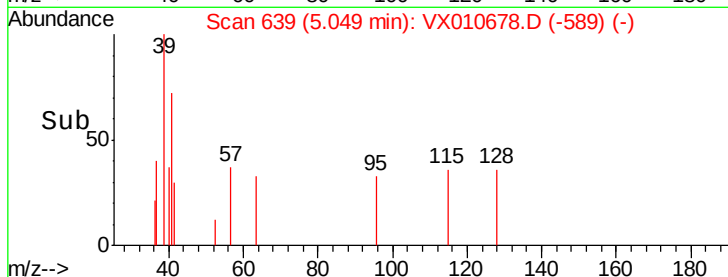
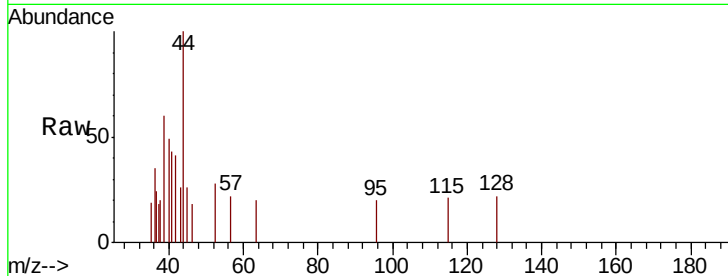




#41
Methacrylonitrile
Concen: 0.281 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

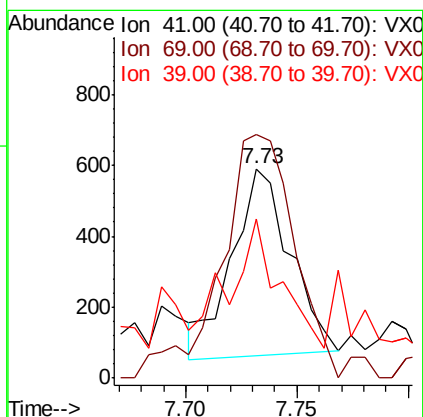
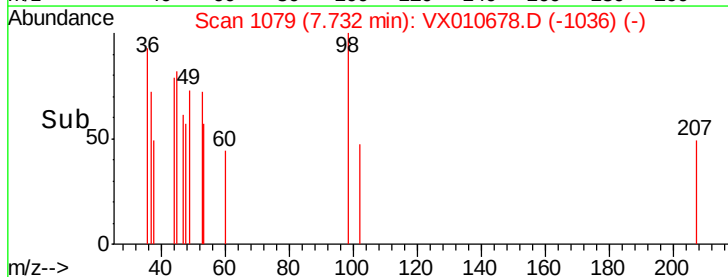
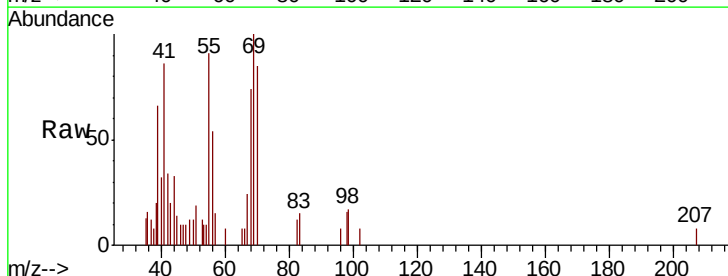
Instrument :
MSVOA_X
ClientSampled :
FL-0585

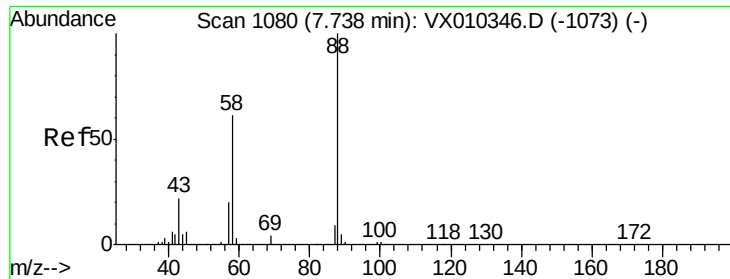
Tot Ion:	41	Resp:	455
Ion	Ratio	Lower	Upper
41	100		
39	48.1	43.8	65.8
67	6.8	66.6	100.0#
52	26.8	24.5	36.7



#48
Methyl methacrylate
Concen: 0.422 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Tgt Ion:	41	Resp:	958
Ion	Ratio	Lower	Upper
41	100		
69	169.3	76.1	114.1#
39	59.4	47.6	71.4

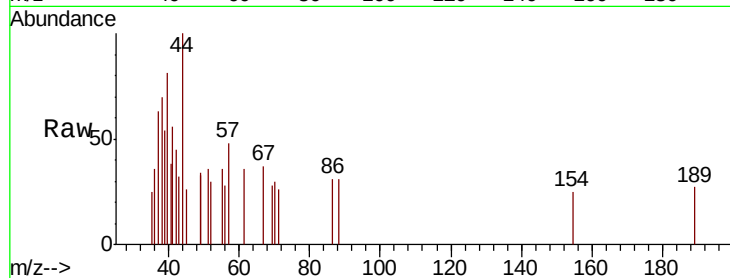




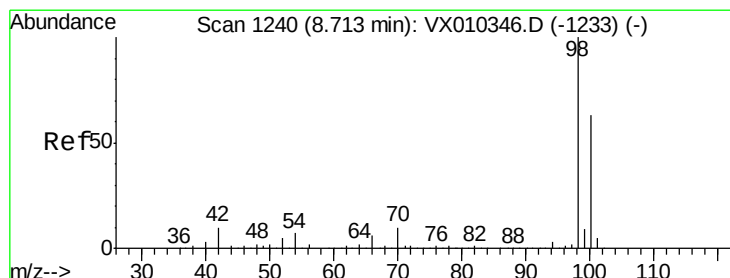
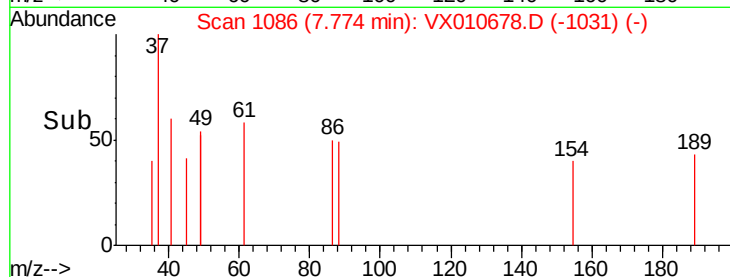
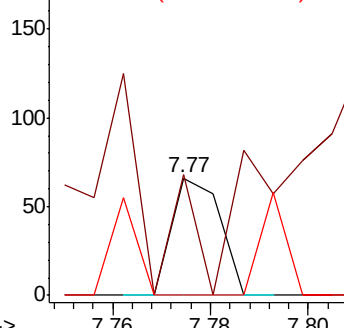
#49
1,4-Dioxane
Concen: 0.688 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.04 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Instrument :
MSVOA_X
ClientSampled :
FL-0585

Tot Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 44.4 49.5 74.3#

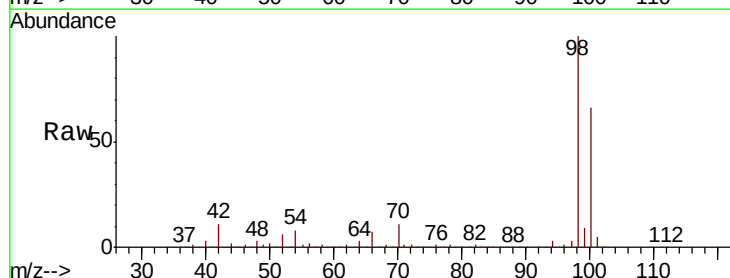


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

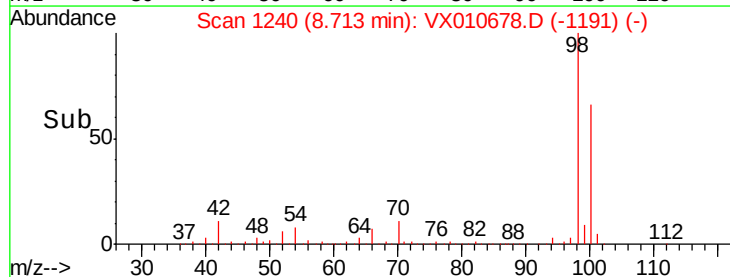
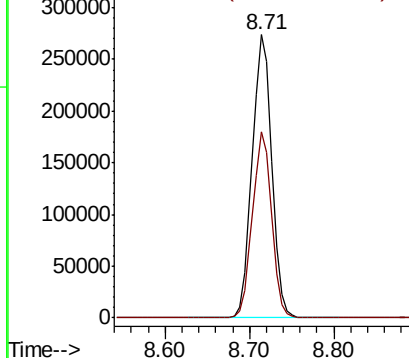


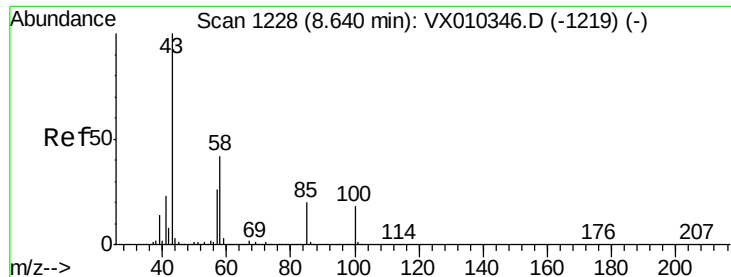
#50
Toluene-d8
Concen: 50.753 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Tgt Ion: 98 Resp: 428826
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): V





#51

4-Methyl-2-Pentanone

Concen: 0.243 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampled :

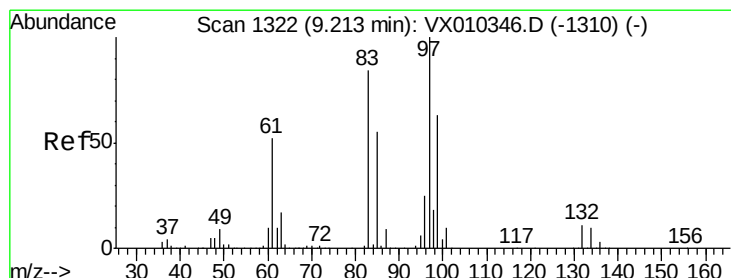
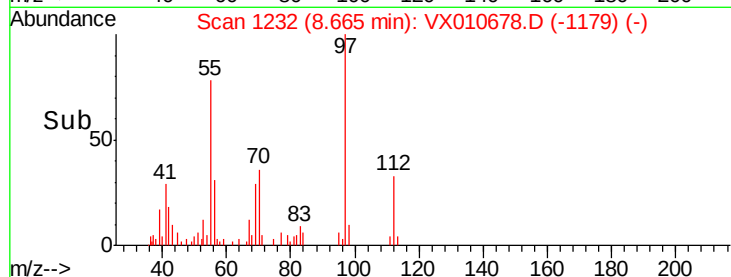
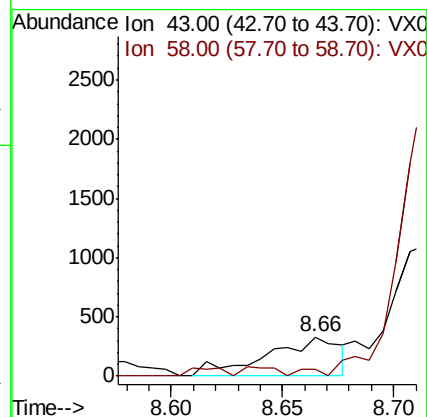
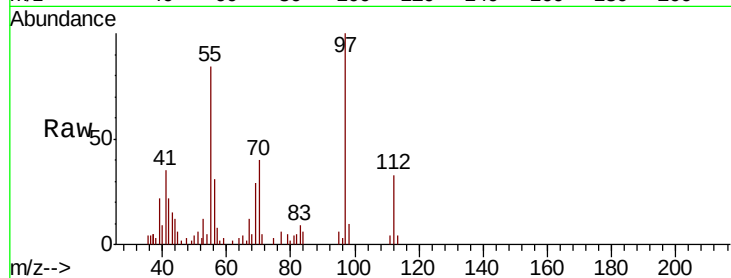
FL-0585

Tot Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

58 0.0 33.5 50.3#



#55

1,1,2-Trichloroethane

Concen: 1.733 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Tgt Ion: 97 Resp: 4206

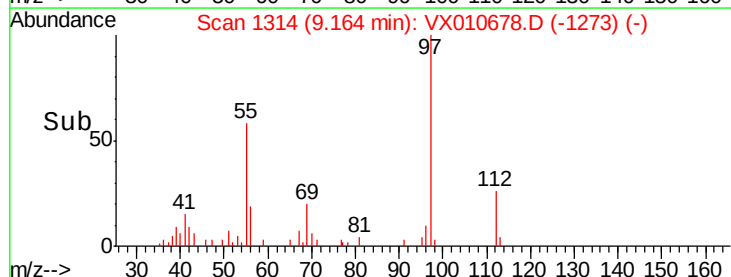
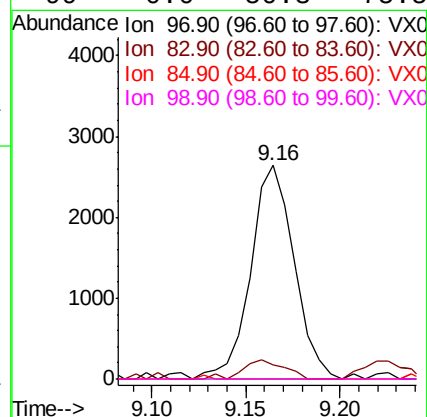
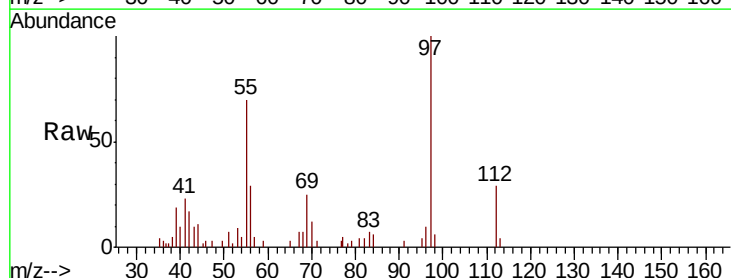
Ion Ratio Lower Upper

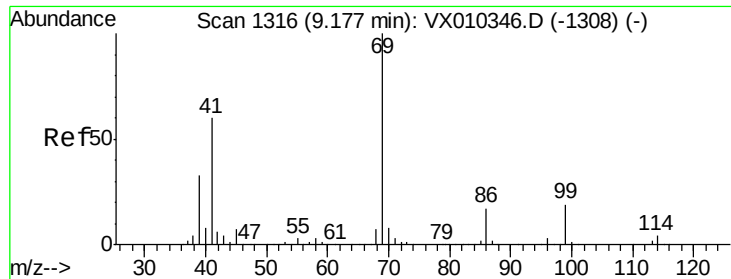
97 100

83 6.7 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#





#56

Ethyl methacrylate

Concen: 0.245 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampleID :

FL-0585

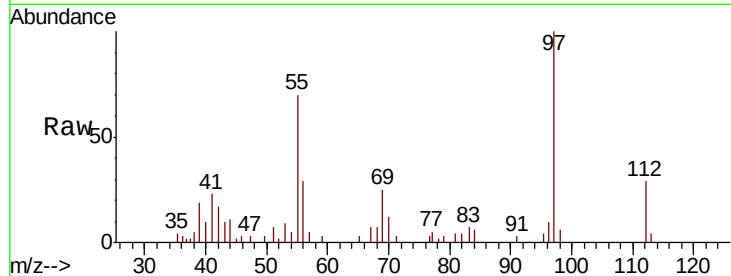
Tot Ion: 69 Resp: 899

Ion Ratio Lower Upper

69 100

41 133.0 47.1 70.7#

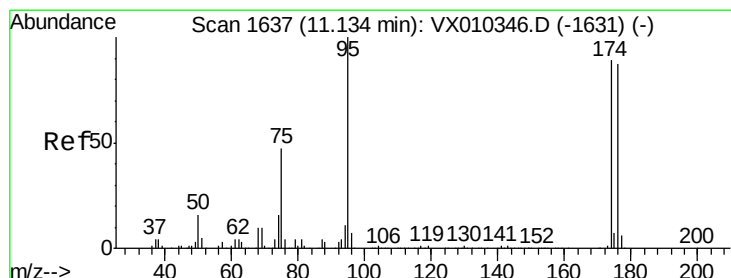
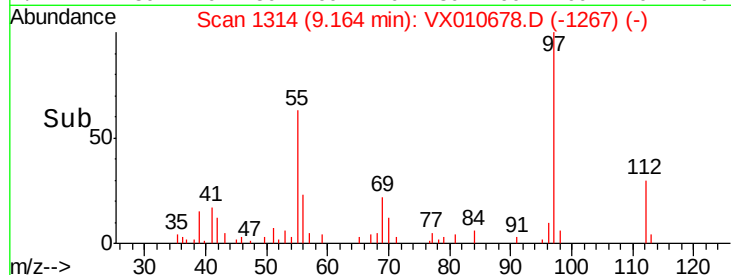
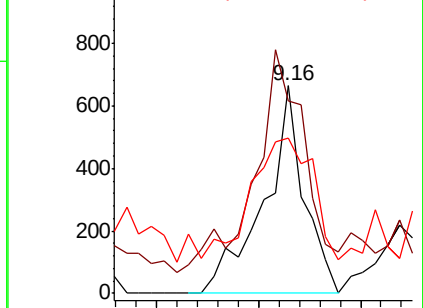
39 86.0 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.929 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

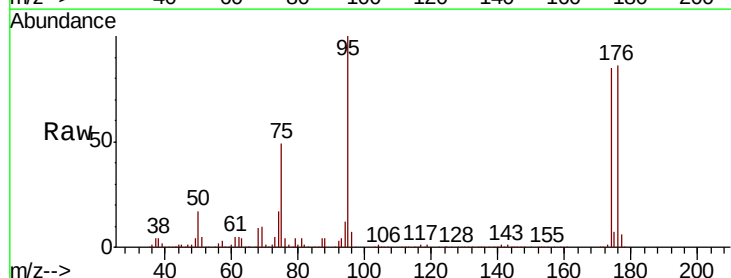
Tgt Ion: 95 Resp: 149255

Ion Ratio Lower Upper

95 100

174 91.3 0.0 187.6

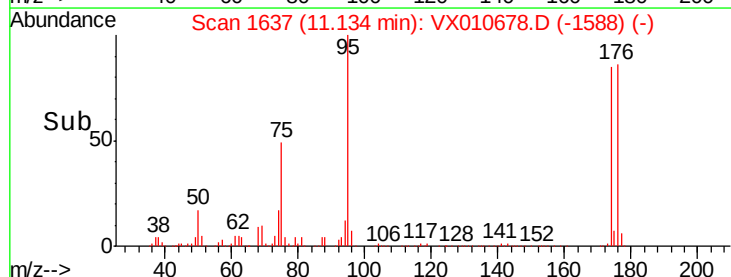
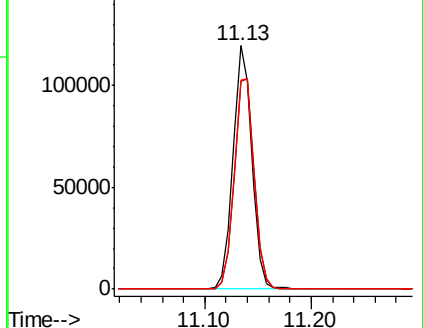
176 91.3 0.0 184.0

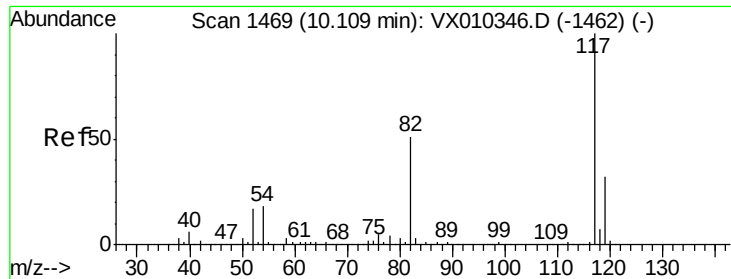


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

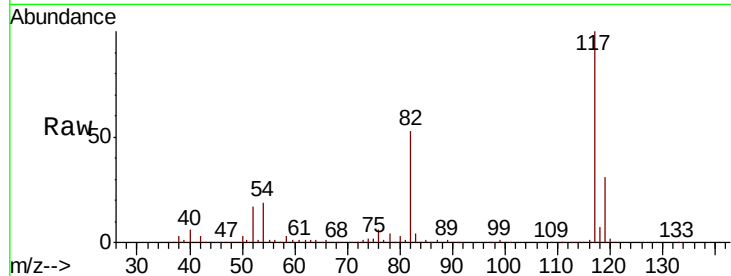




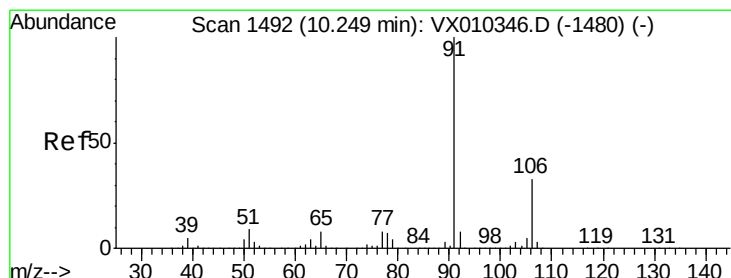
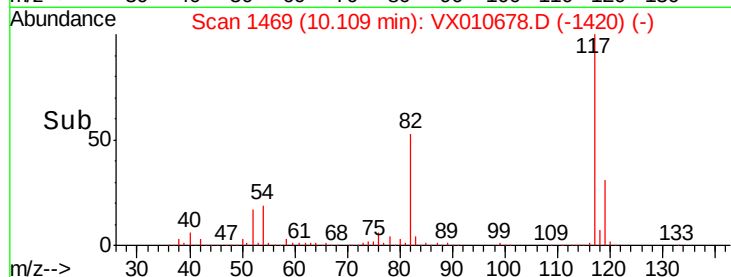
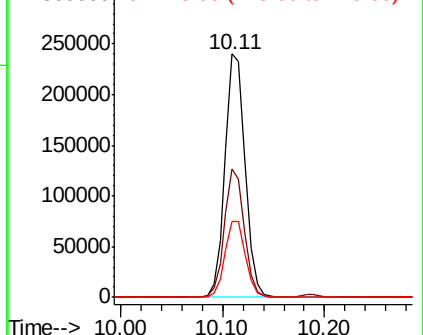
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Instrument :
MSVOA_X
ClientSampleId :
FL-0585

Tot Ion:117 Resp: 327304
Ion Ratio Lower Upper
117 100
82 52.7 41.2 61.8
119 31.3 25.5 38.3

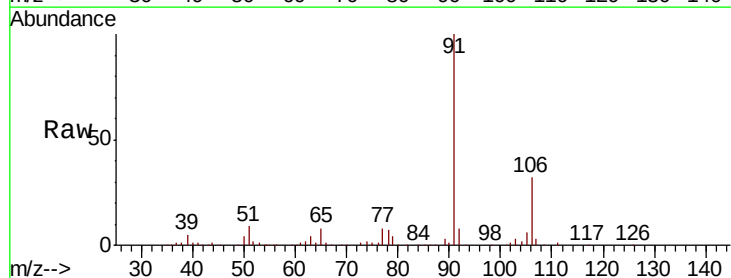


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

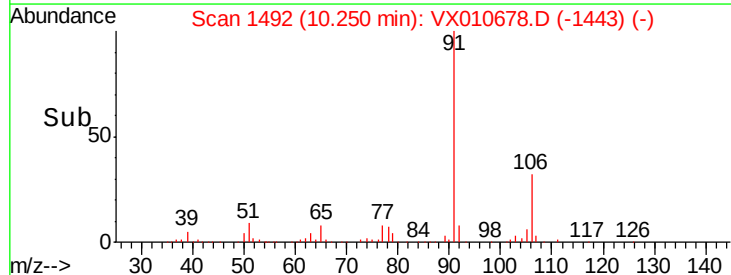
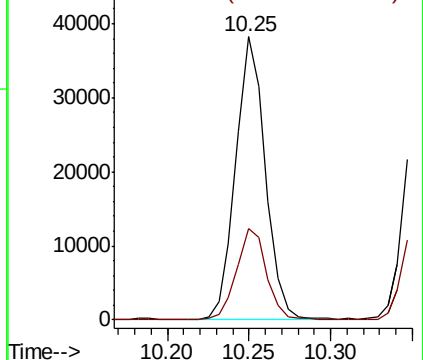


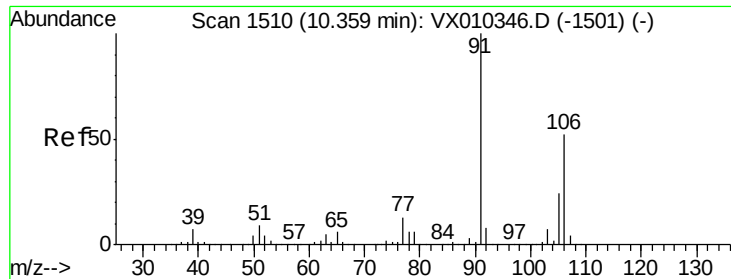
#67
Ethyl Benzene
Concen: 4.339 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Tgt Ion: 91 Resp: 48676
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2



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

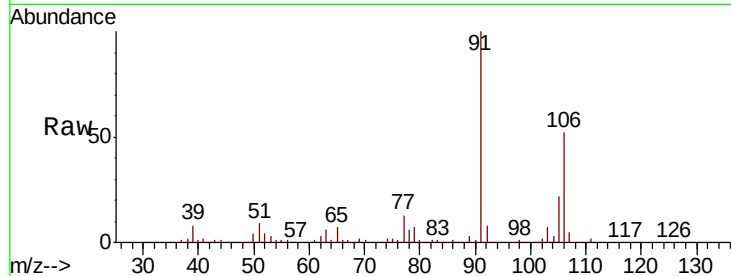




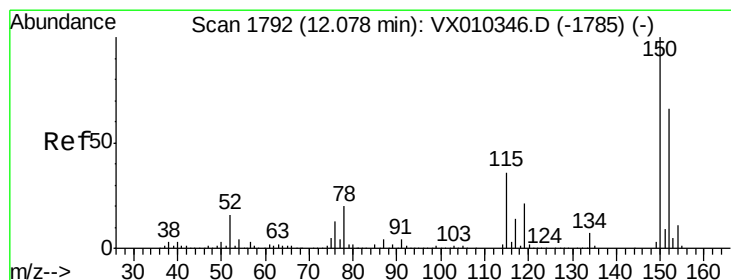
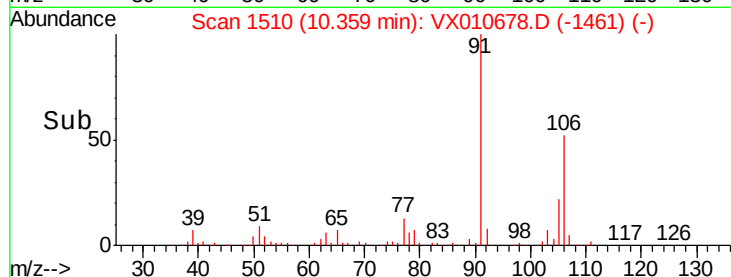
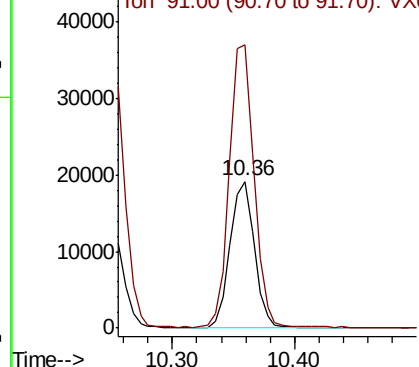
#68
m/p-Xylenes
Concen: 6.100 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Instrument :
MSVOA_X
ClientSampled :
FL-0585

Tot Ion:106 Resp: 26515
Ion Ratio Lower Upper
106 100
91 195.7 155.3 232.9

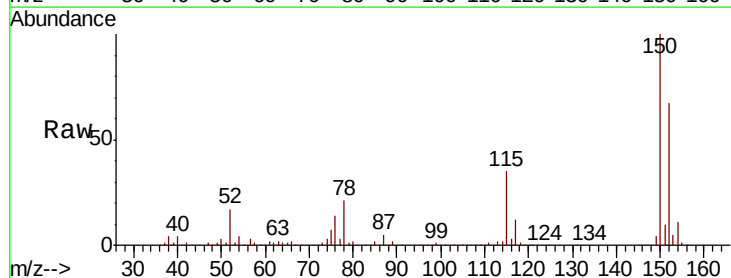


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

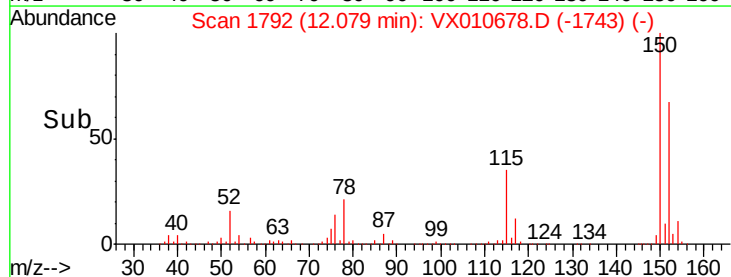
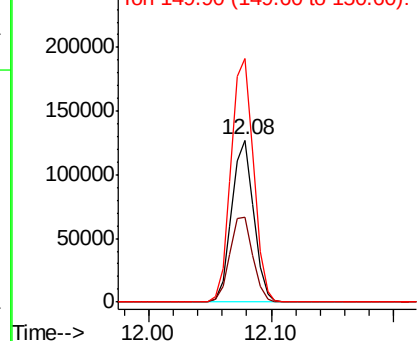


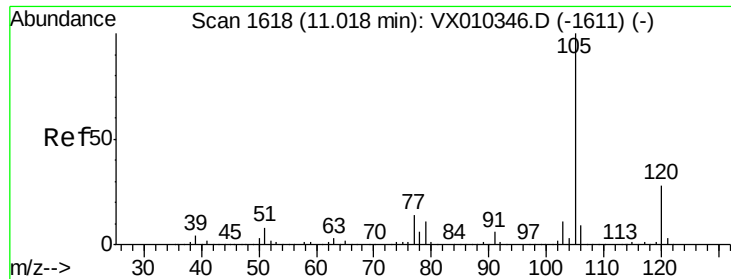
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Tgt Ion:152 Resp: 156999
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 154.7 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: 2.699 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampled :

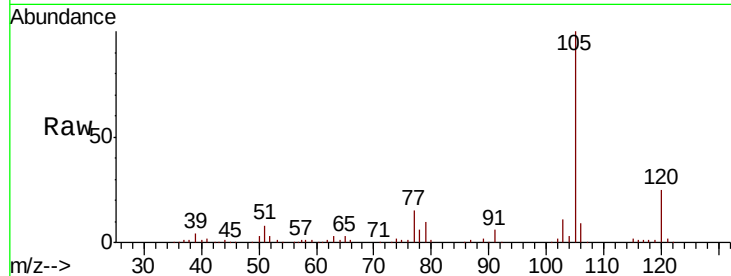
FL-0585

Tot Ion:105 Resp: 28725

Ion Ratio Lower Upper

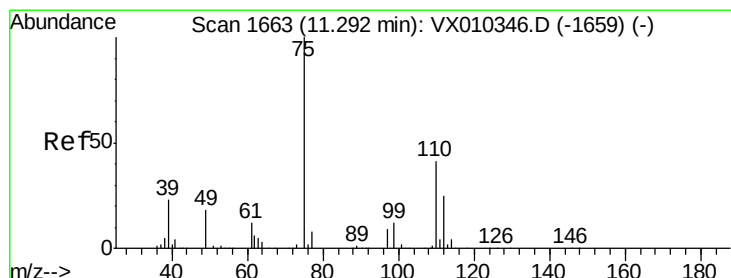
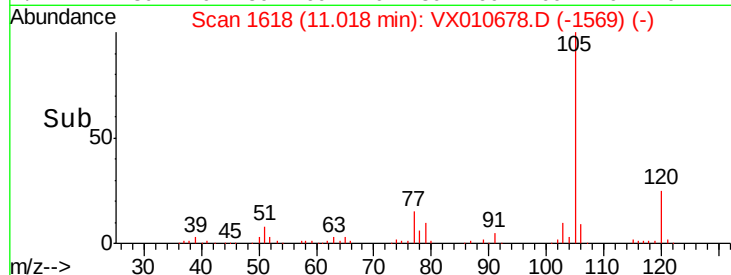
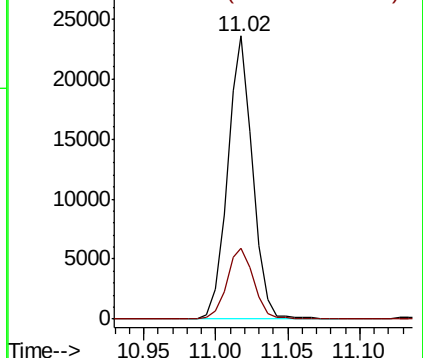
105 100

120 26.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 25.664 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010678.D

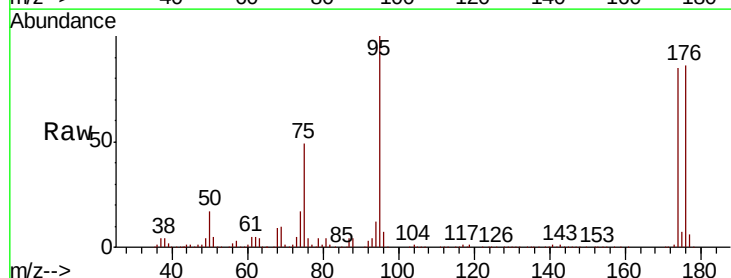
Acq: 04 Jul 2019 09:25

Tgt Ion: 75 Resp: 73423

Ion Ratio Lower Upper

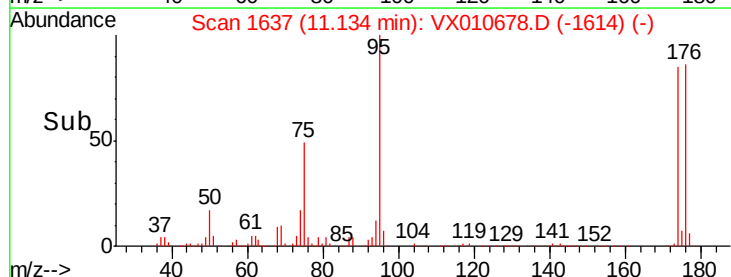
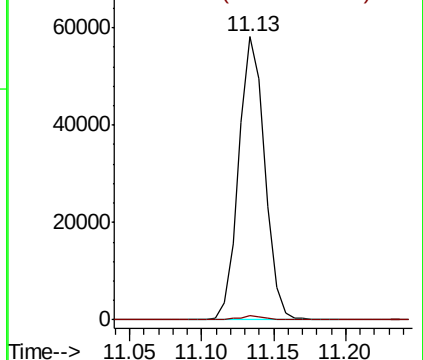
75 100

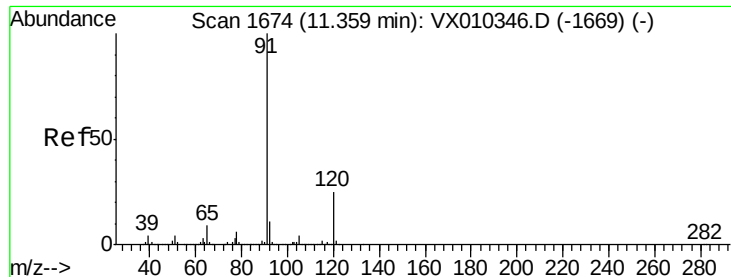
77 1.5 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 4.270 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampleId :

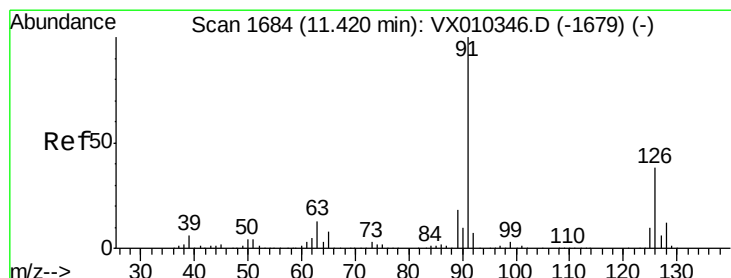
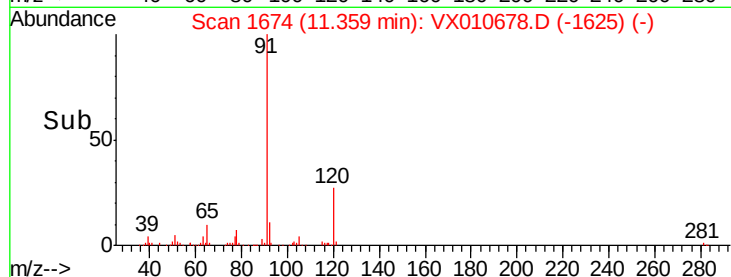
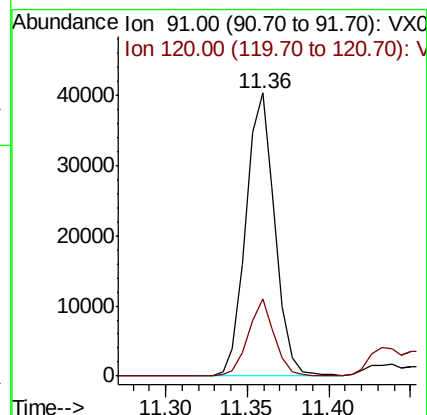
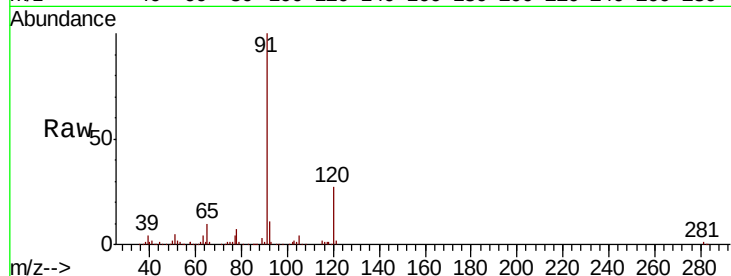
FL-0585

Tot Ion: 91 Resp: 49941

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.4



#79

2-Chlorotoluene

Concen: 0.559 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX010678.D

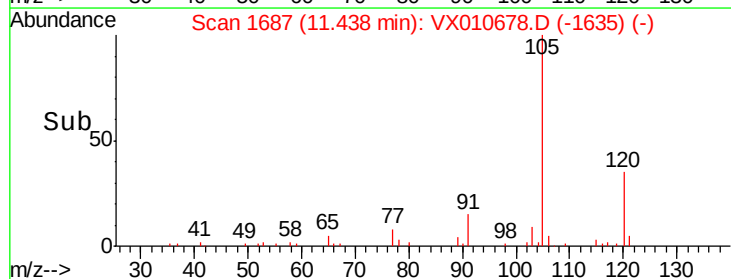
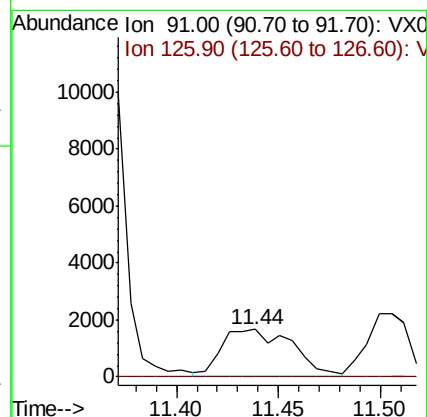
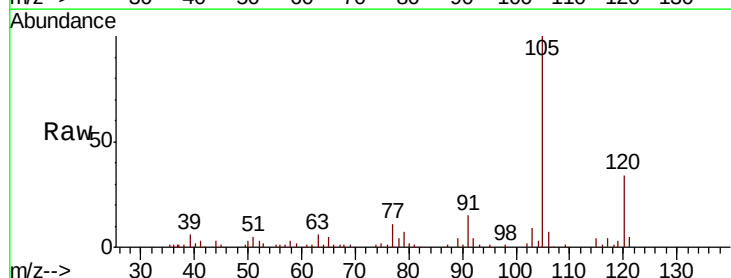
Acq: 04 Jul 2019 09:25

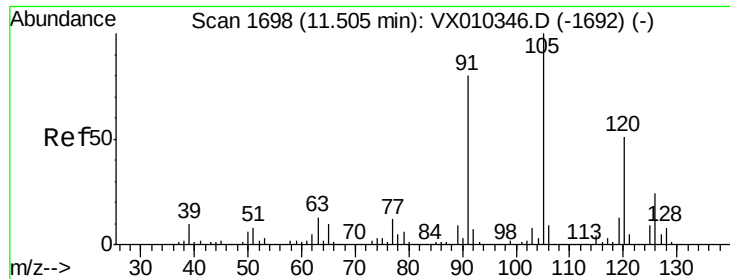
Tgt Ion: 91 Resp: 3894

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#

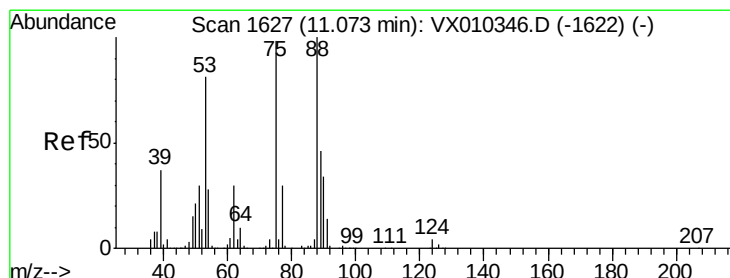
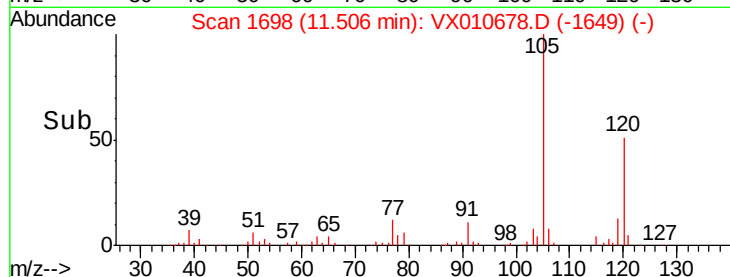
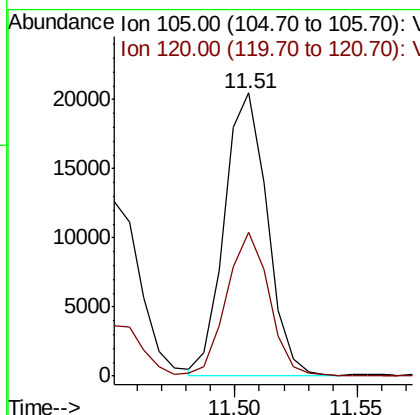
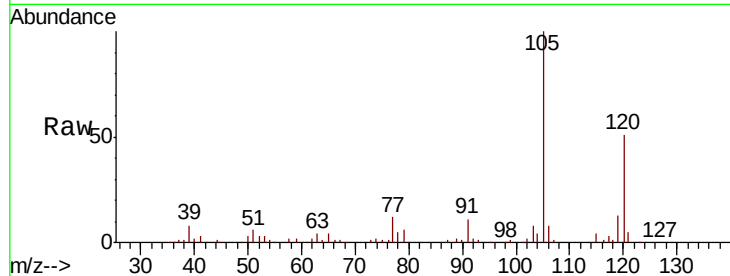




#80
 1,3,5-Trimethylbenzene
 Concen: 2.832 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010678.D
 Acq: 04 Jul 2019 09:25

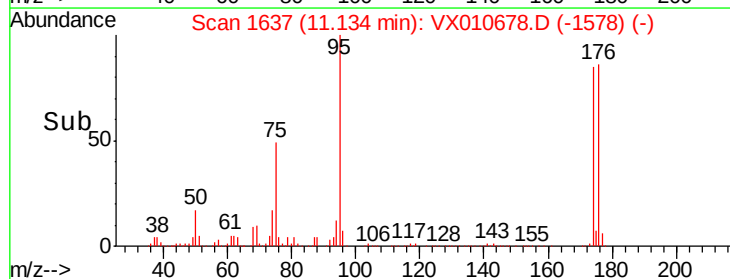
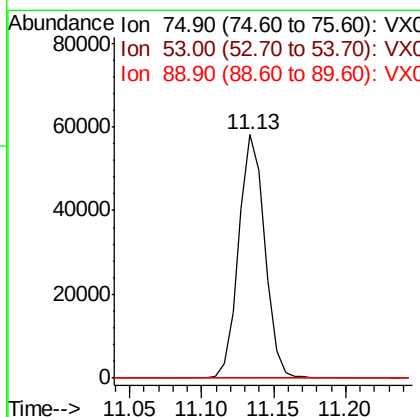
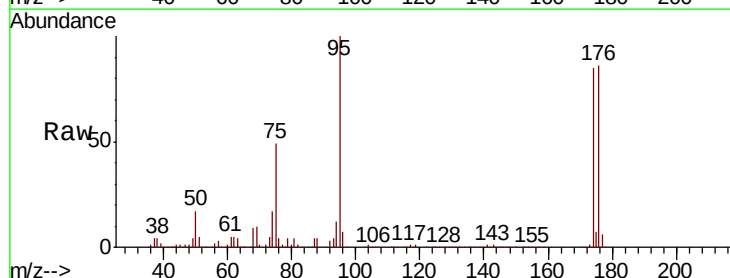
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0585

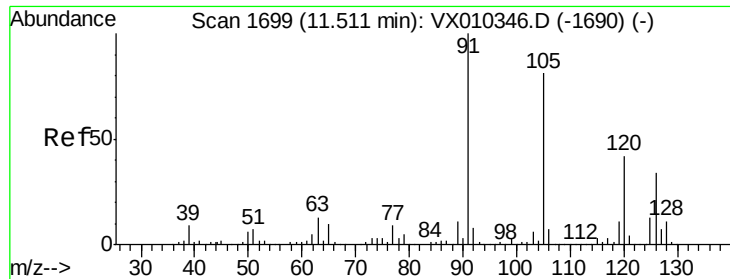
Tot Ion:105 Resp: 24844
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.871 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010678.D
 Acq: 04 Jul 2019 09:25

Tgt Ion: 75 Resp: 73423
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#

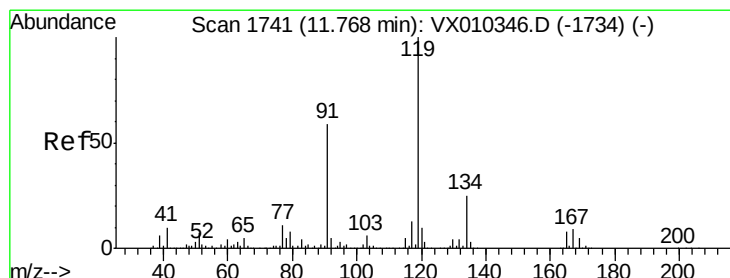
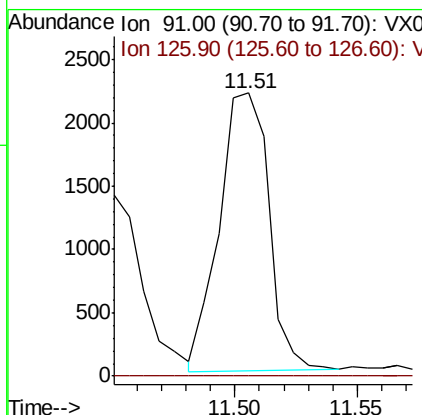
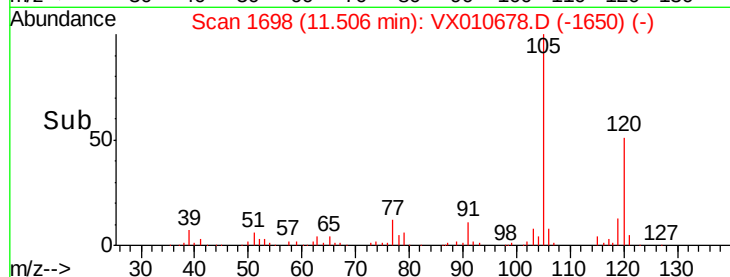
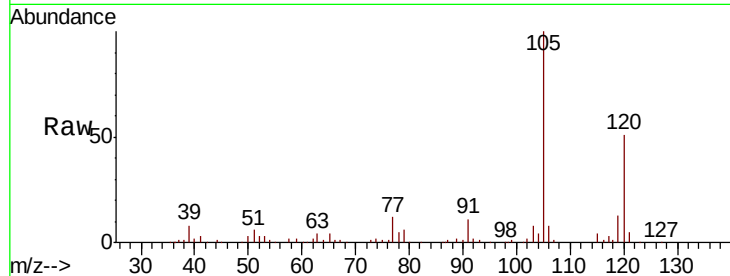




#82
4-Chlorotoluene
Concen: 0.390 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

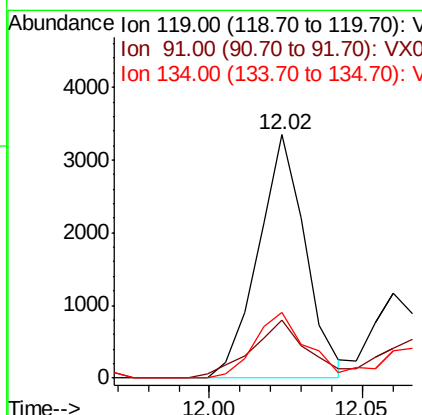
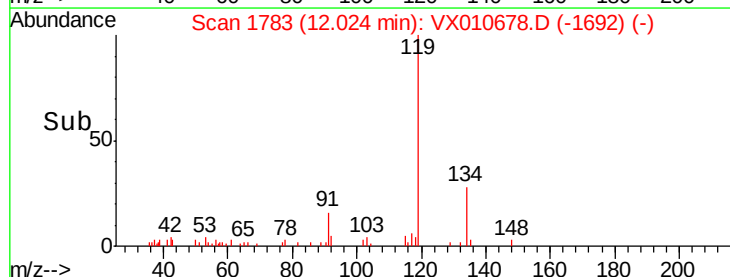
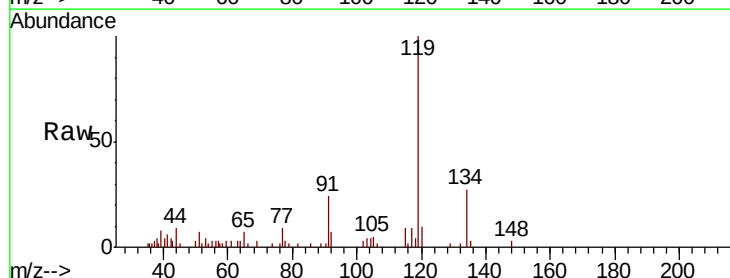
Instrument :
MSVOA_X
ClientSampleId :
FL-0585

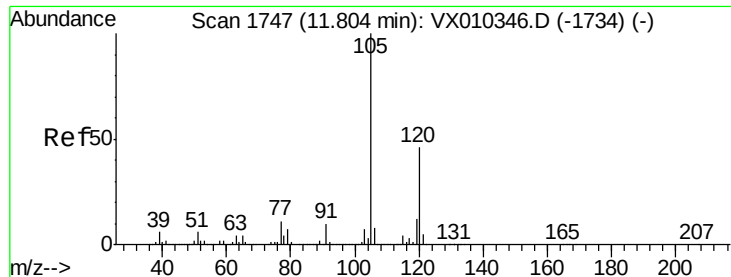
Tot Ion: 91 Resp: 3090
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 0.407 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.26 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Tgt Ion: 119 Resp: 3583
Ion Ratio Lower Upper
119 100
91 28.2 27.6 82.7
134 29.1 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 8.256 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampleId :

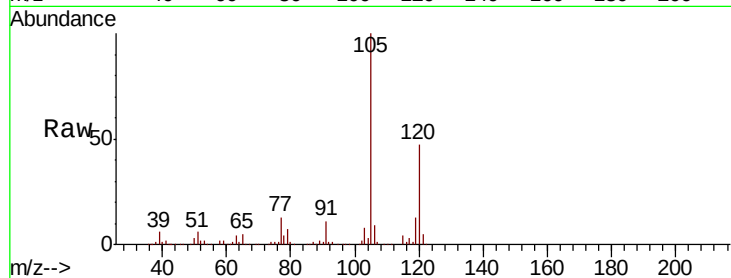
FL-0585

Tot Ion:105 Resp: 72770

Ion Ratio Lower Upper

105 100

120 46.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.80

60000

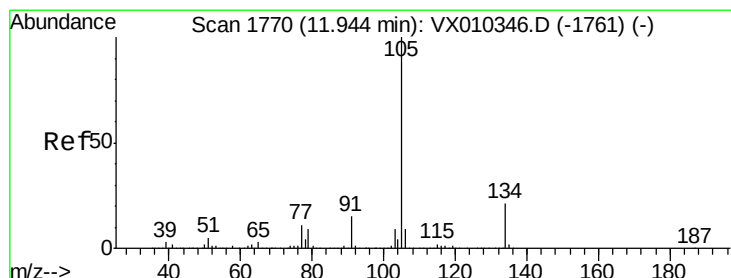
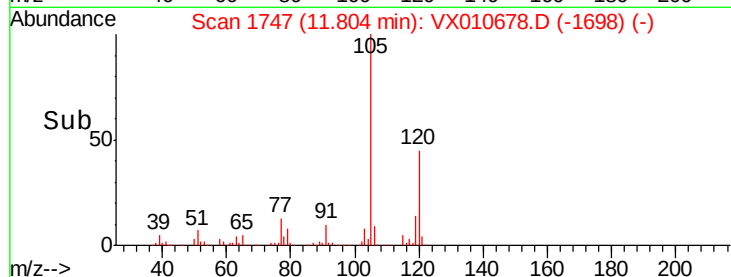
40000

20000

0

11.75 11.80 11.85

Time-->



#85

sec-Butylbenzene

Concen: 2.544 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010678.D

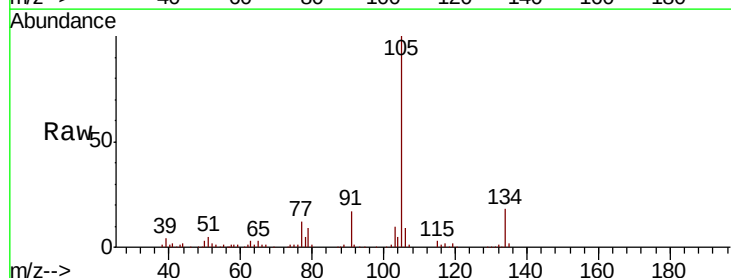
Acq: 04 Jul 2019 09:25

Tgt Ion:105 Resp: 26298

Ion Ratio Lower Upper

105 100

134 25.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

25000

20000

15000

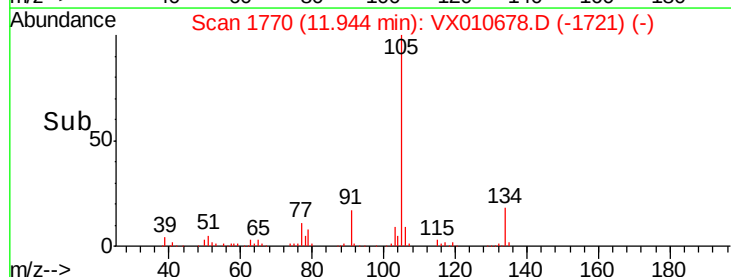
10000

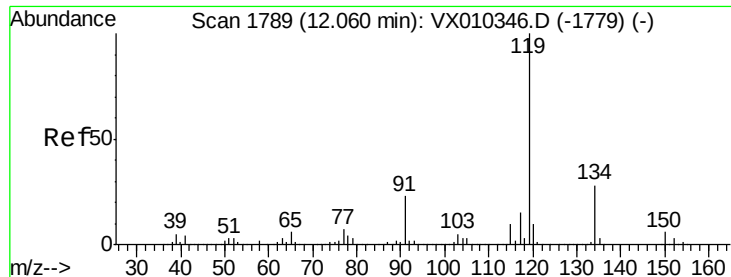
5000

0

11.85 11.90 11.95 12.00

Time-->

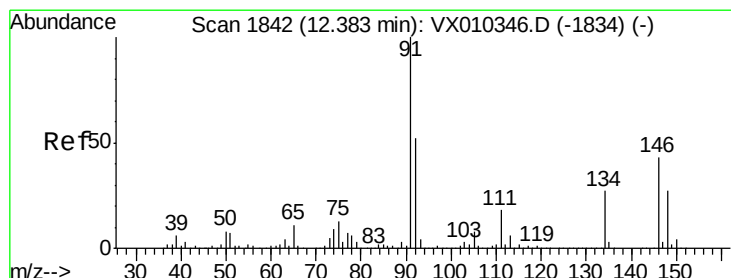
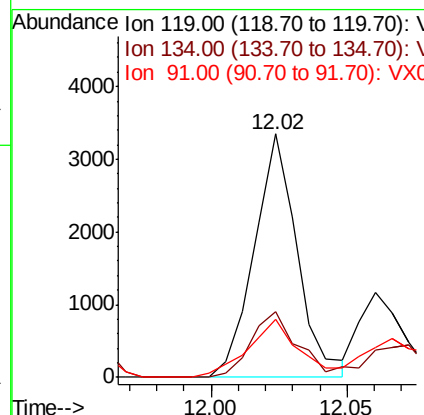
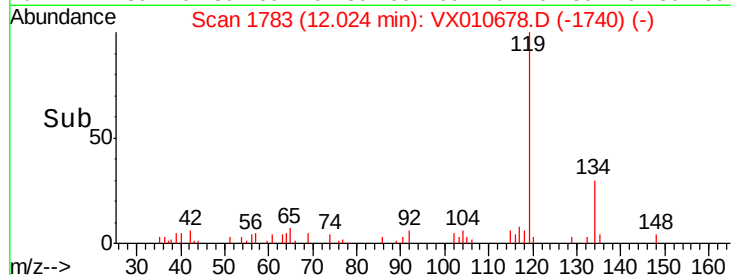
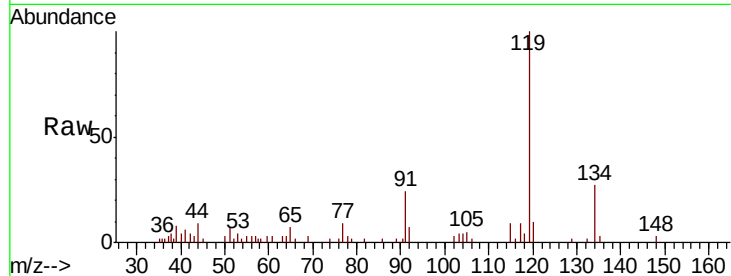




#86
p-Isopropyltoluene
Concen: 0.384 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

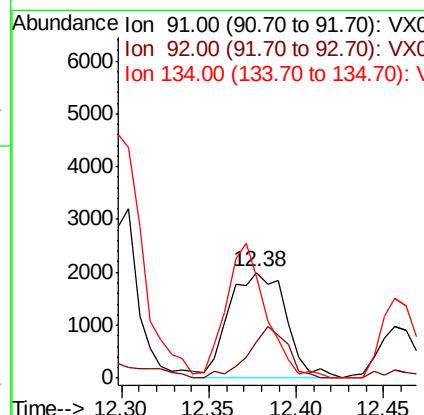
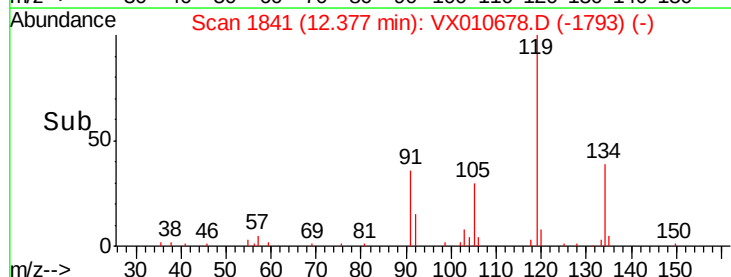
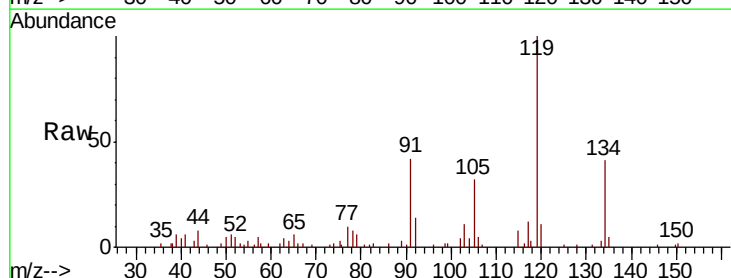
Instrument :
MSVOA_X
ClientSampleId :
FL-0585

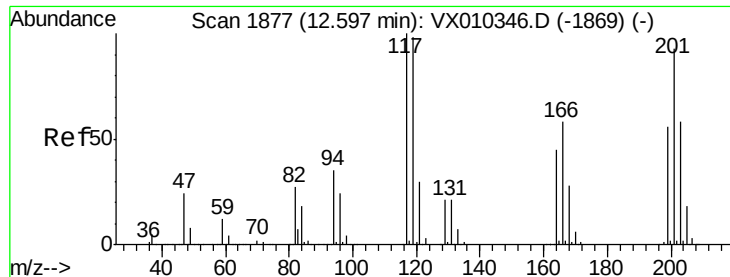
Tot Ion:119 Resp: 3668
Ion Ratio Lower Upper
119 100
134 31.1 13.7 41.1
91 28.7 11.3 33.8



#89
n-Butylbenzene
Concen: 0.560 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Tgt Ion: 91 Resp: 4547
Ion Ratio Lower Upper
91 100
92 33.2 26.2 78.5
134 90.0 14.1 42.4#





#90

Hexachloroethane

Concen: 0.981 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

Instrument :

MSVOA_X

ClientSampled :

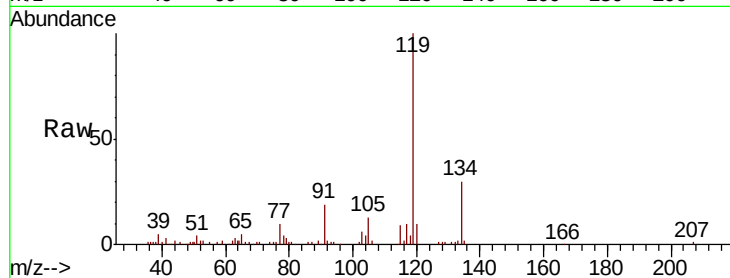
FL-0585

Tot Ion:117 Resp: 1622

Ion Ratio Lower Upper

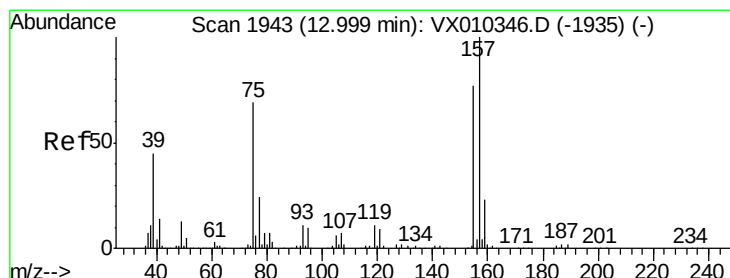
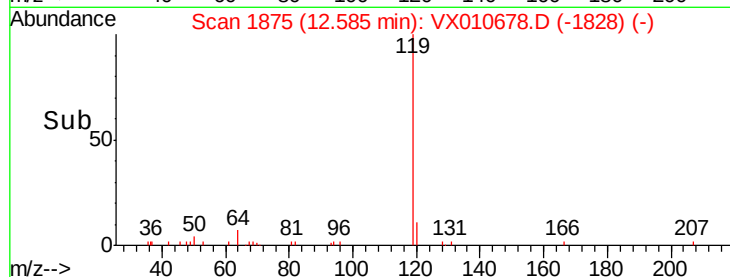
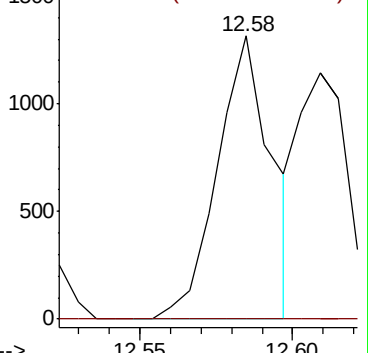
117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.400 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010678.D

Acq: 04 Jul 2019 09:25

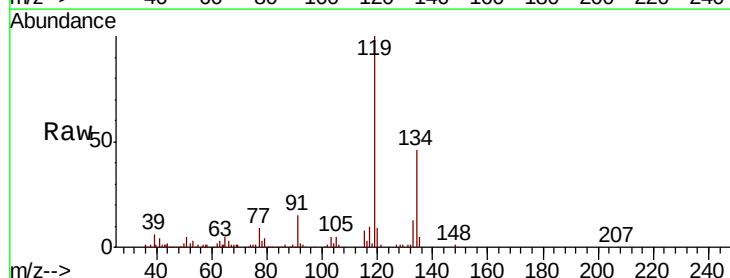
Tgt Ion: 75 Resp: 304

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

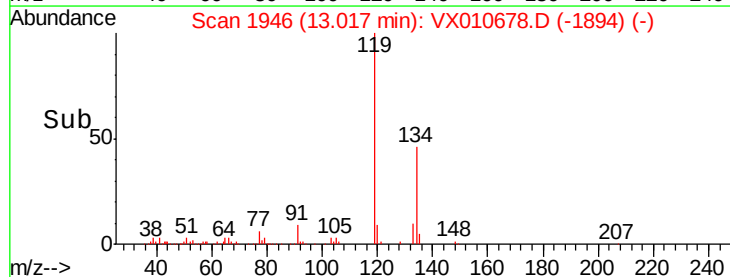
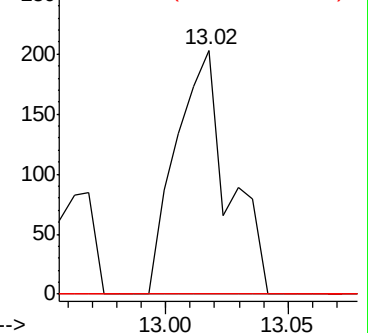
157 0.0 69.5 208.3#

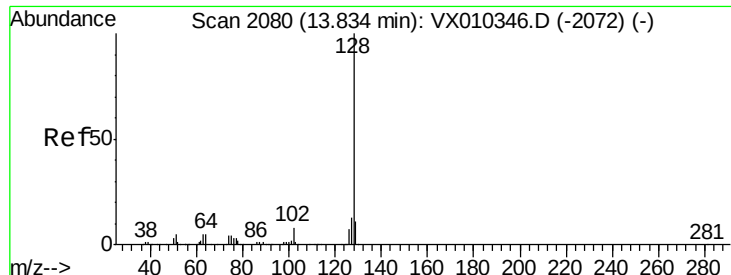


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

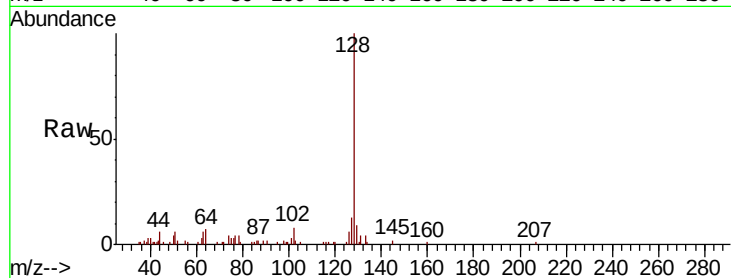




#95
Naphthalene
Concen: 0.924 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010678.D
Acq: 04 Jul 2019 09:25

Instrument :
MSVOA_X
ClientSampleId :
FL-0585

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.2	15.4
129	13.3	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

