

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070819\
 Data File : VX010697.D
 Acq On : 08 Jul 2019 15:49
 Operator : JC/SP
 Sample : K3664-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0585

Quant Time: Jul 09 01:09:17 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	230972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154159	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	114213	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
35) Dibromofluoromethane	5.50	113	108328	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	421259	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	144712	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	666	0.356	ug/l	89
6) Chloroethane	1.73	64	309	0.256	ug/l #	72
11) Tert butyl alcohol	3.03	59	518	0.914	ug/l #	74
13) Acrolein	2.39	56	5757	15.315	ug/l #	77
15) Acrylonitrile	3.17	53	1909	1.702	ug/l #	46
16) Acetone	2.44	43	2304	2.123	ug/l #	71
18) Methyl Acetate	2.85	43	22085	10.210	ug/l #	49
20) Methylene Chloride	2.85	84	595	0.266	ug/l #	27
31) Cyclohexane	5.58	56	19697	6.297	ug/l	90
36) 1,1-Dichloropropene	5.66	75	14469	5.114	ug/l #	49
38) Carbon Tetrachloride	5.66	117	20682	6.751	ug/l #	15
39) Methylcyclohexane	7.46	83	25224	6.783	ug/l	96
41) Methacrylonitrile	5.04	41	329	0.206	ug/l #	53
48) Methyl methacrylate	7.73	41	784	0.350	ug/l #	51
49) 1,4-Dioxane	7.62	88	26	0.403	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	3373	1.409	ug/l #	16
56) Ethyl methacrylate	9.16	69	781	0.215	ug/l #	1
67) Ethyl Benzene	10.25	91	42266	3.796	ug/l	100
68) m/p-Xylenes	10.36	106	22157	5.136	ug/l	98
73) Isopropylbenzene	11.02	105	25884	2.477	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	70557	25.117	ug/l #	33
78) n-propylbenzene	11.36	91	44092	3.839	ug/l	99
79) 2-Chlorotoluene	11.43	91	3220	0.471	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	22975	2.667	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	70557	58.594	ug/l #	16
82) 4-Chlorotoluene	11.51	91	2733	0.351	ug/l #	46
83) tert-Butylbenzene	11.77	119	2314	0.268	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	61882	7.150	ug/l	100
85) sec-Butylbenzene	11.94	105	23366	2.302	ug/l	84
86) p-Isopropyltoluene	12.02	119	2939	0.313	ug/l	87
89) n-Butylbenzene	12.38	91	3689	0.462	ug/l #	65
90) Hexachloroethane	12.58	117	1303	0.802	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	256	0.343	ug/l #	1
95) Naphthalene	13.83	128	5697	0.528	ug/l #	79

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

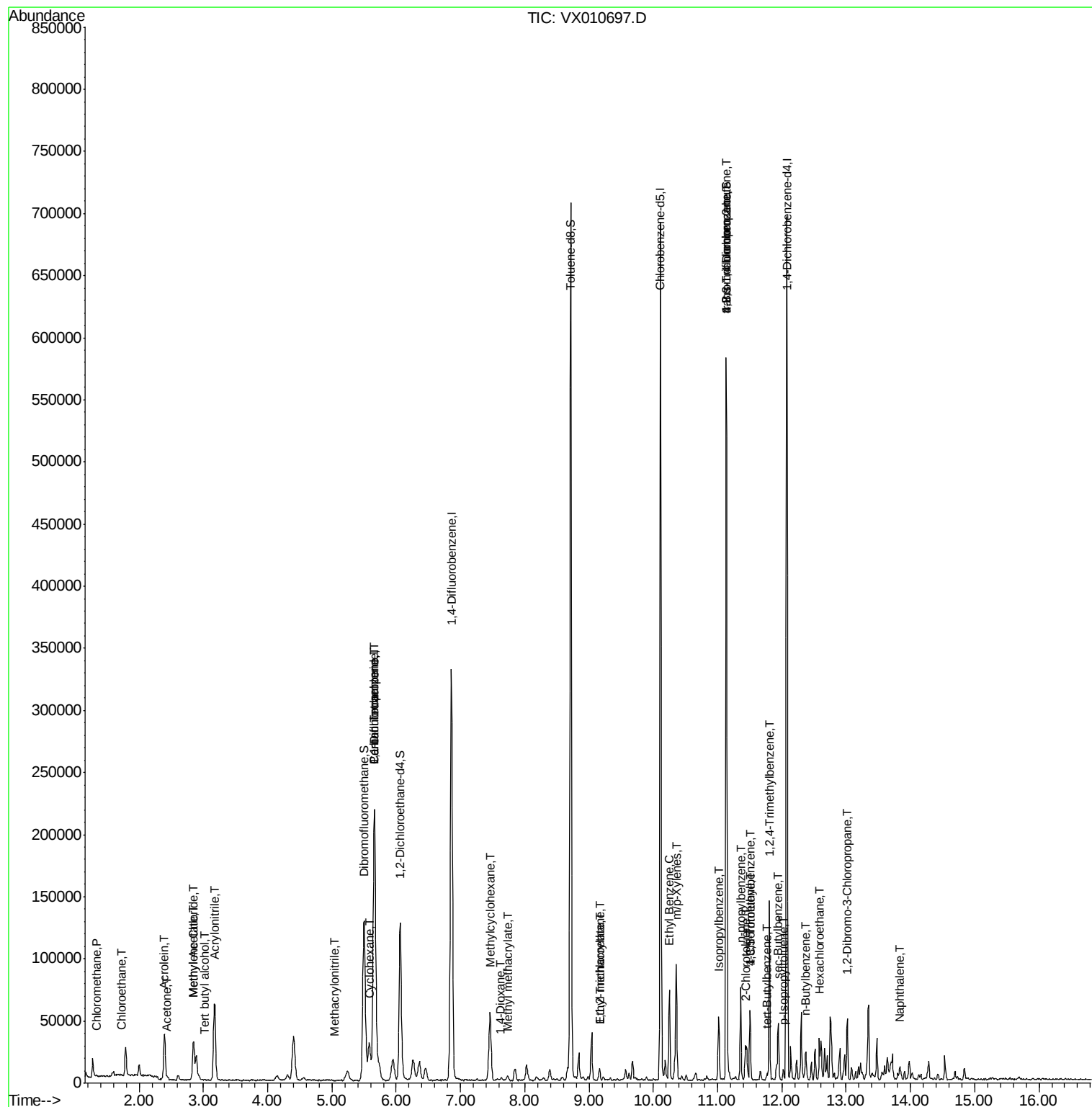
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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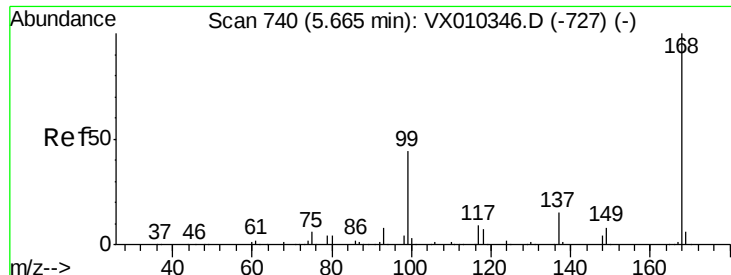
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

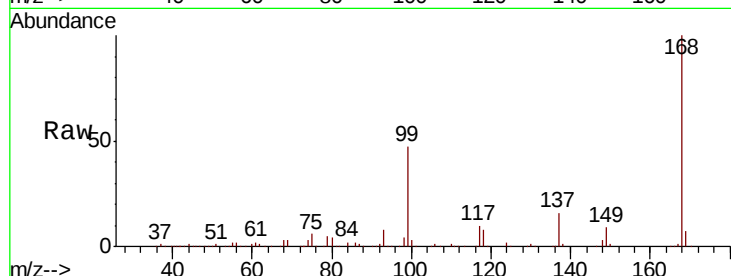
FL-0585

Tot Ion:168 Resp: 230972

Ion Ratio Lower Upper

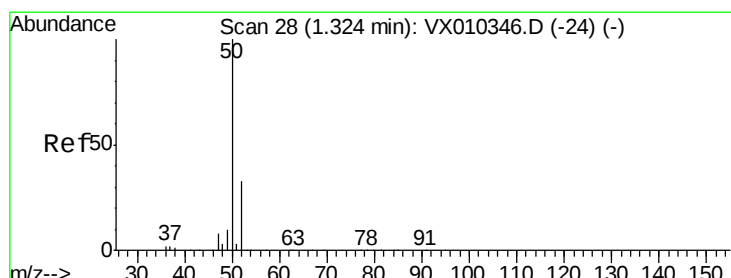
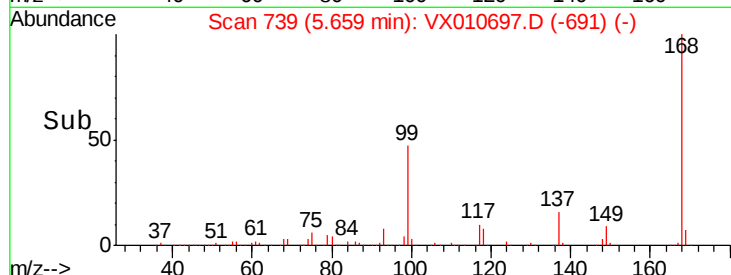
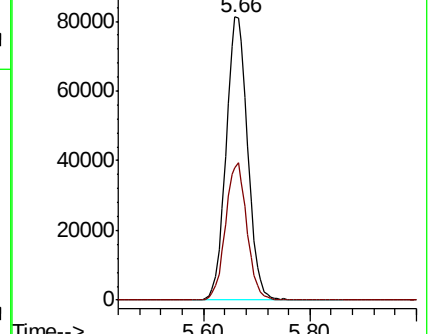
168 100

99 47.0 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: 0.356 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010697.D

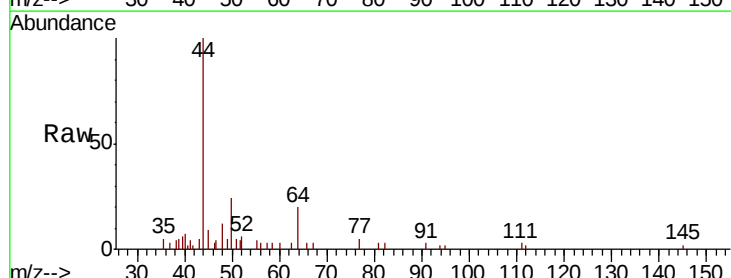
Acq: 08 Jul 2019 15:49

Tgt Ion: 50 Resp: 666

Ion Ratio Lower Upper

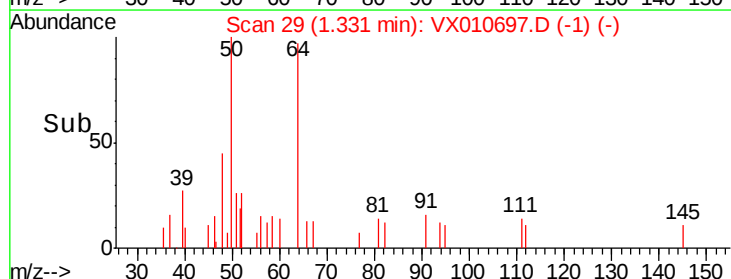
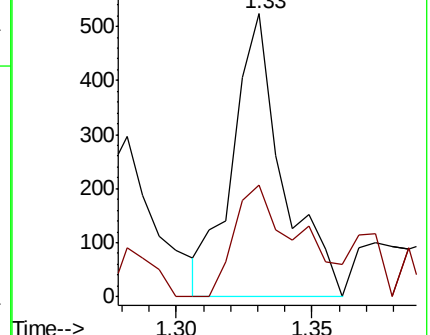
50 100

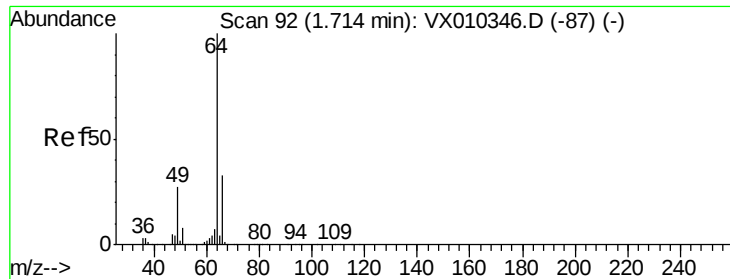
52 39.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 0.256 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampled :

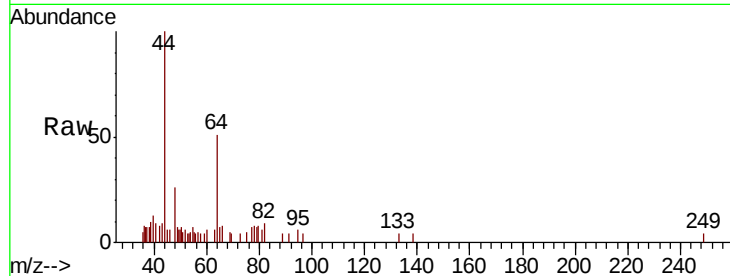
FL-0585

Tot Ion: 64 Resp: 309

Ion Ratio Lower Upper

64 100

66 17.5 26.6 40.0#

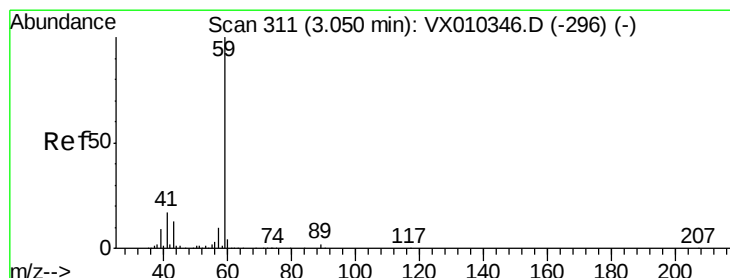
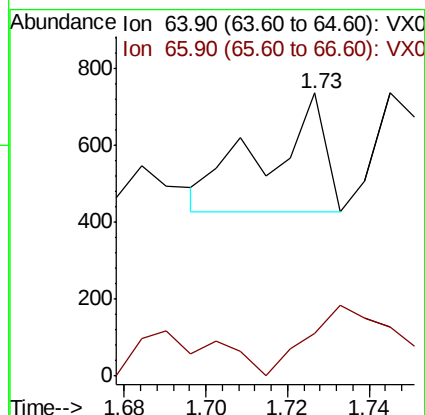
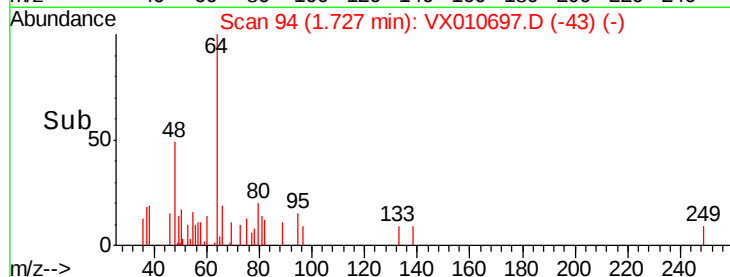


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

Time-->



#11

Tert butyl alcohol

Concen: 0.914 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX010697.D

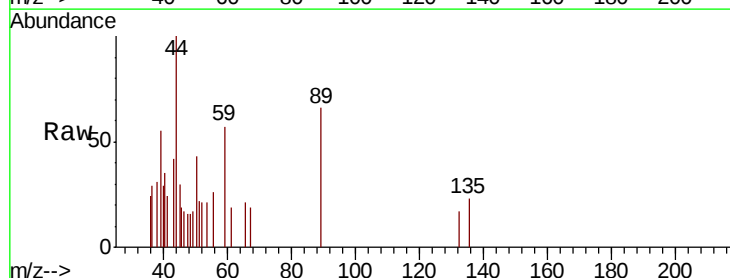
Acq: 08 Jul 2019 15:49

Tgt Ion: 59 Resp: 518

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#

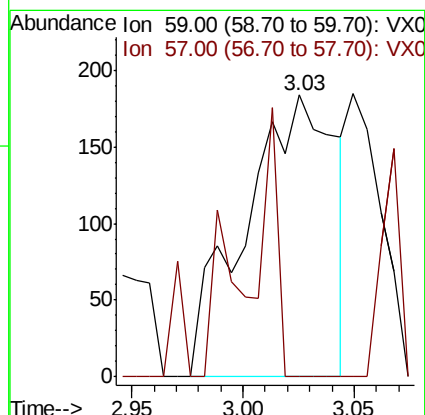
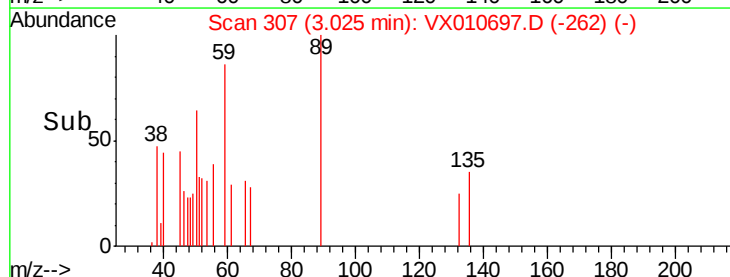


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

Time-->





#13

Acrolein

Concen: 15.315 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.10 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

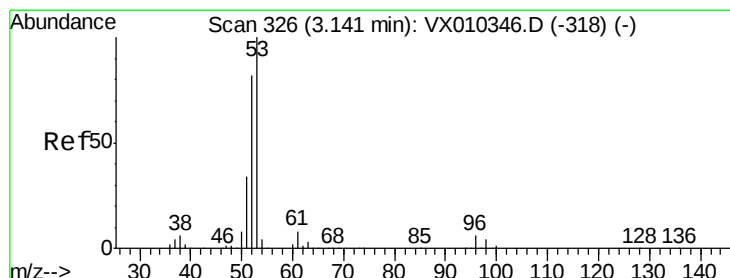
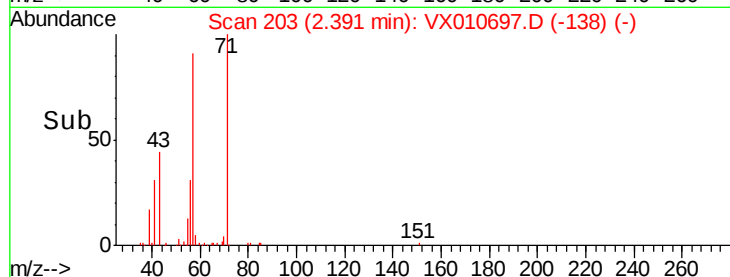
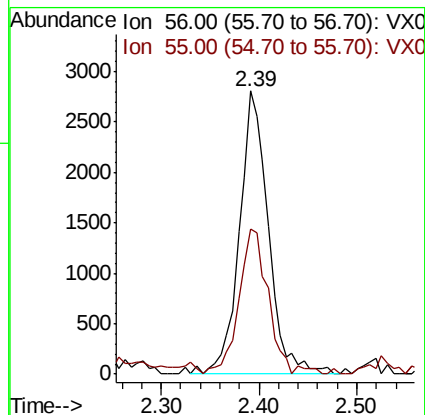
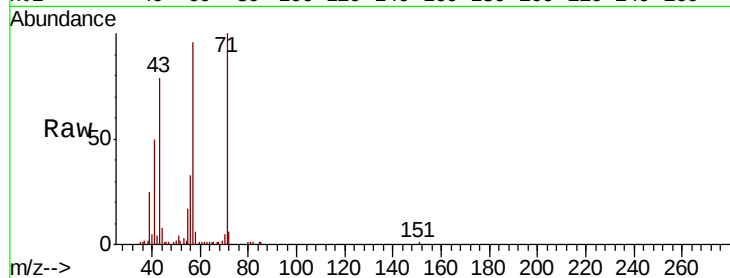
FL-0585

Tot Ion: 56 Resp: 5757

Ion Ratio Lower Upper

56 100

55 51.9 56.9 85.3#



#15

Acrylonitrile

Concen: 1.702 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

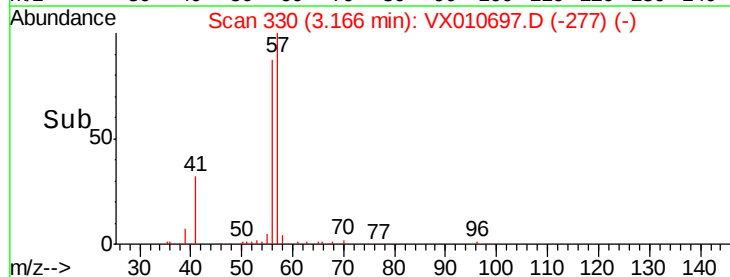
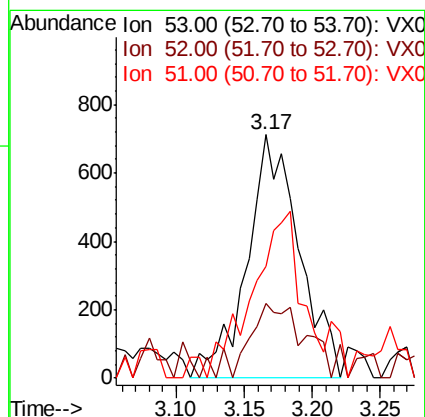
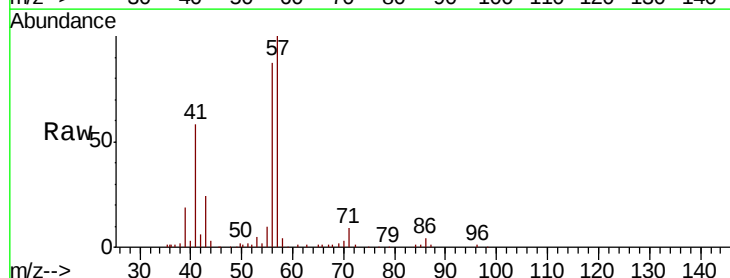
Tgt Ion: 53 Resp: 1909

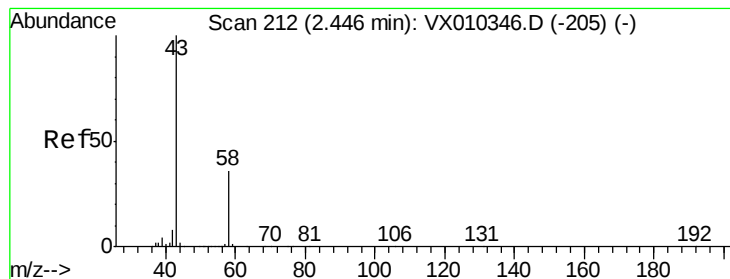
Ion Ratio Lower Upper

53 100

52 32.3 65.5 98.3#

51 64.4 28.2 42.4#





#16

Acetone

Concen: 2.123 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

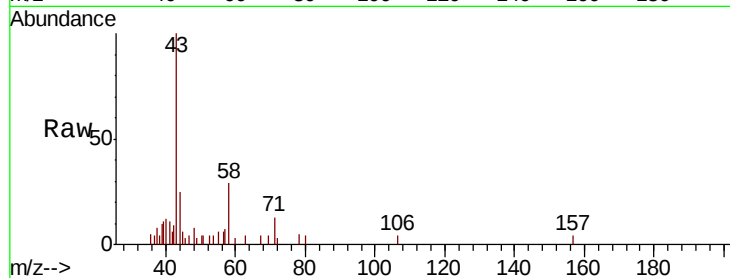
FL-0585

Tot Ion: 43 Resp: 2304

Ion Ratio Lower Upper

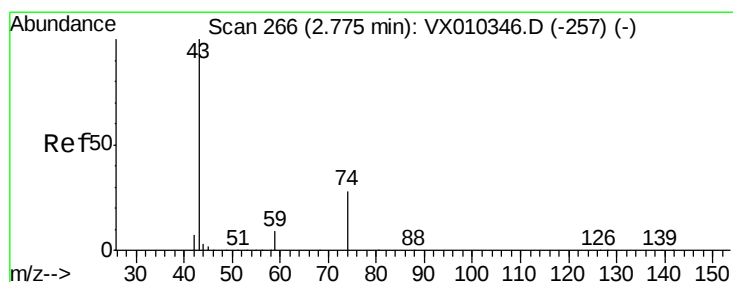
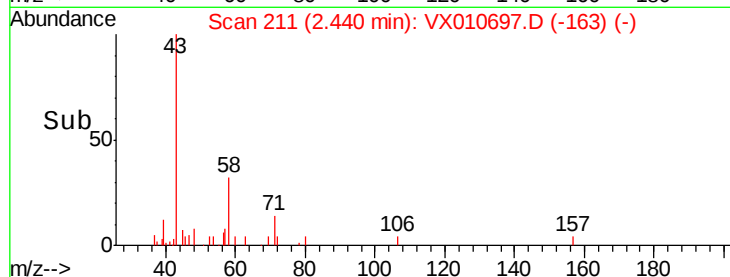
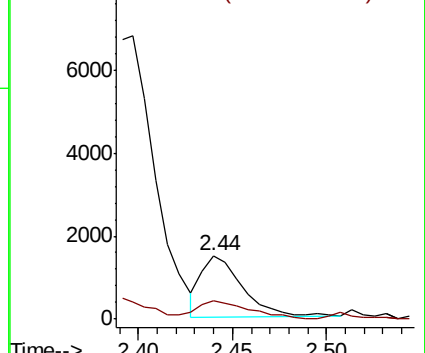
43 100

58 18.8 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: 10.210 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010697.D

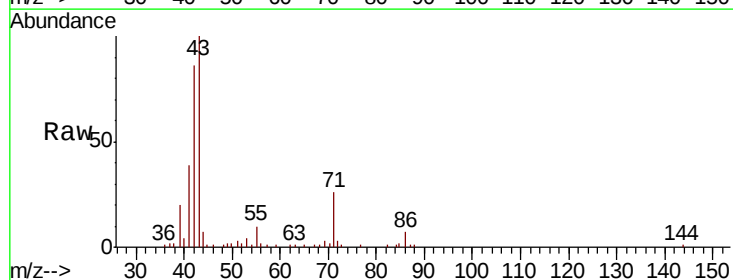
Acq: 08 Jul 2019 15:49

Tgt Ion: 43 Resp: 22085

Ion Ratio Lower Upper

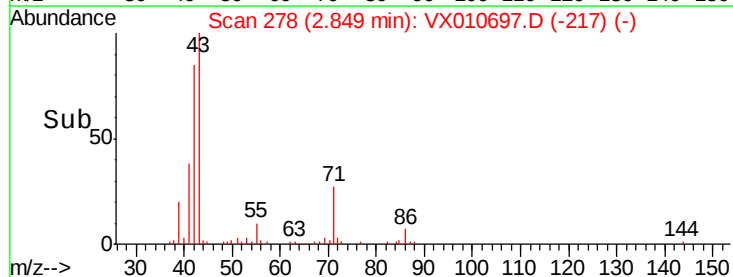
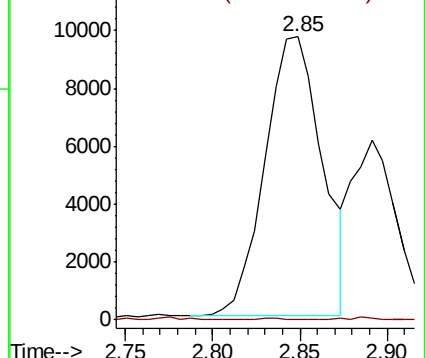
43 100

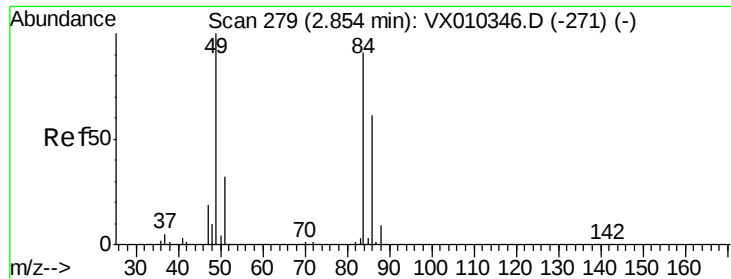
74 0.2 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

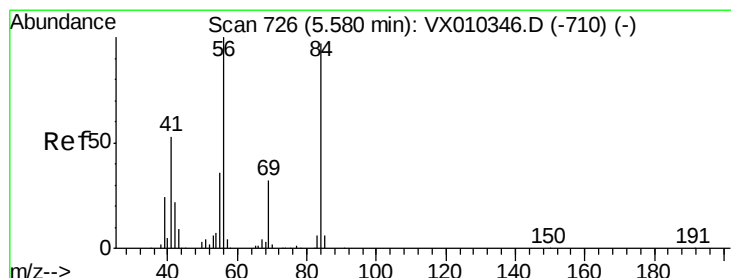
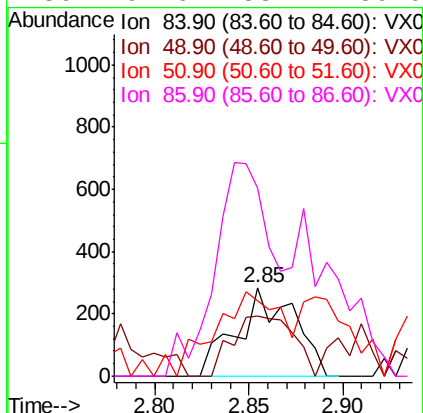
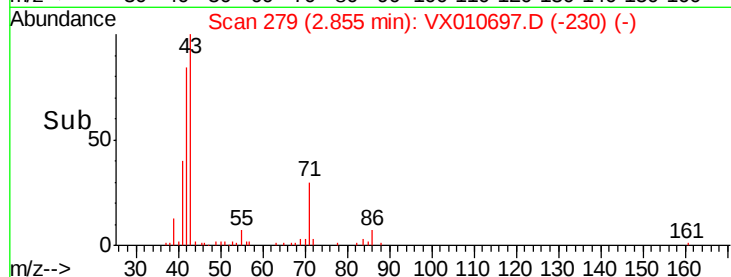
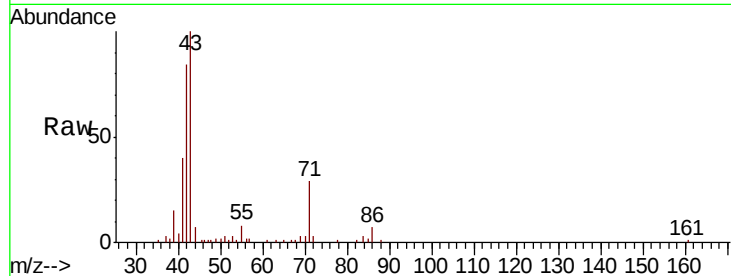




#20
Methvlene Chloride
Concen: 0.266 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

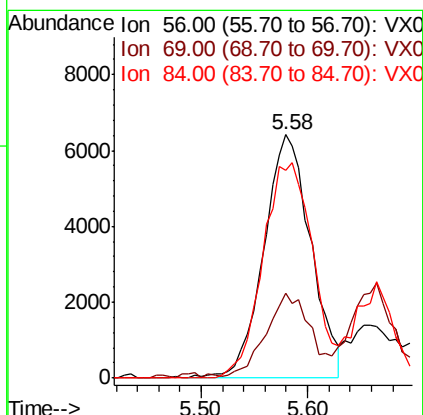
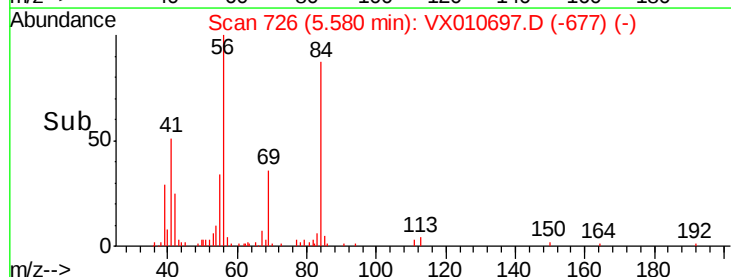
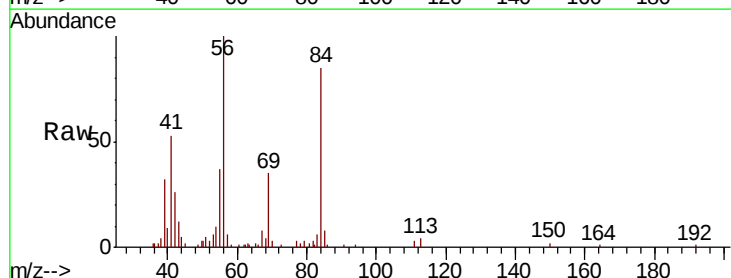
Instrument :
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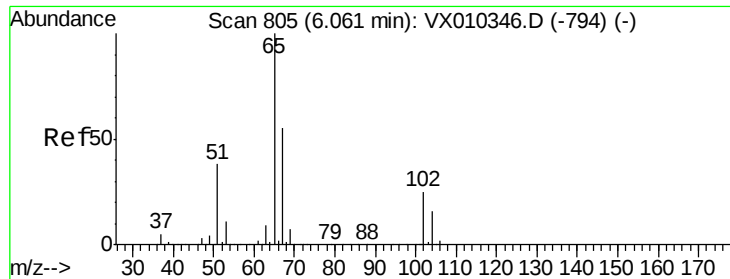
Tot Ion: 84 Resp: 595
Ion Ratio Lower Upper
84 100
49 68.7 87.5 131.3#
51 44.0 27.7 41.5#
86 192.6 53.4 80.0#



#31
Cyclohexane
Concen: 6.297 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

Tgt Ion: 56 Resp: 19697
Ion Ratio Lower Upper
56 100
69 33.3 25.9 38.9
84 85.2 78.0 117.0





#33

1,2-Dichloroethane-d4

Concen: 52.740 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

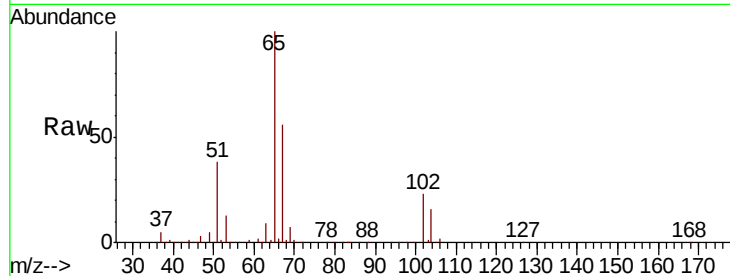
FL-0585

Tot Ion: 65 Resp: 114213

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

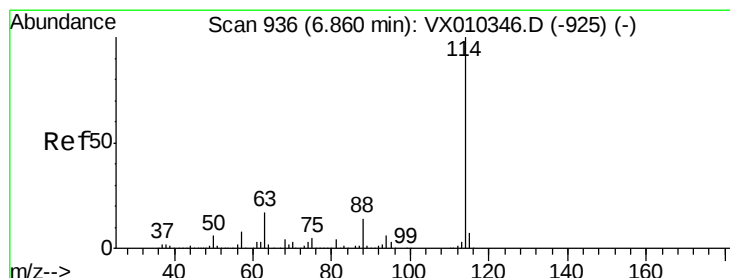
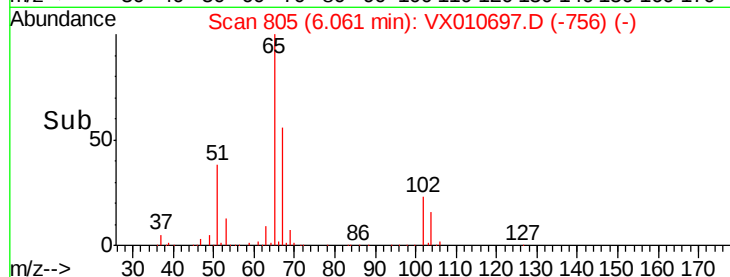
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

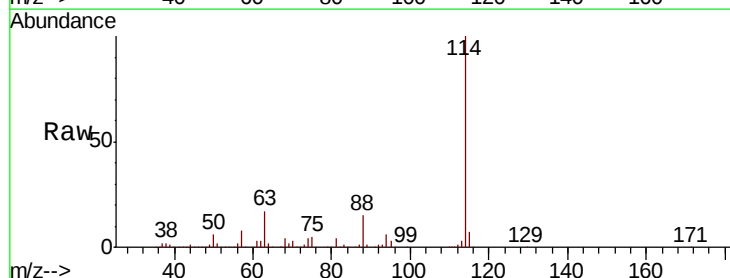
Tgt Ion: 114 Resp: 356017

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

88 14.6 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

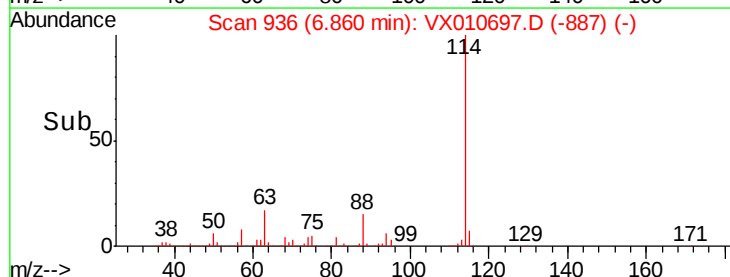
100000

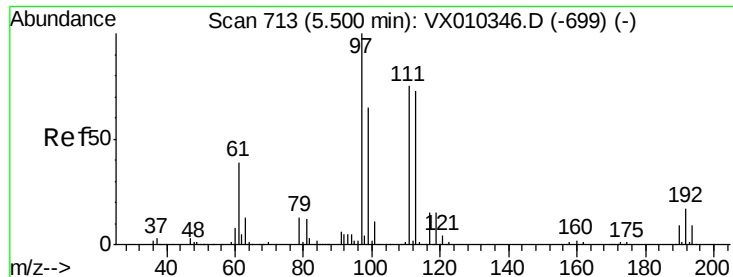
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.732 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

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MSVOA_X

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FL-0585

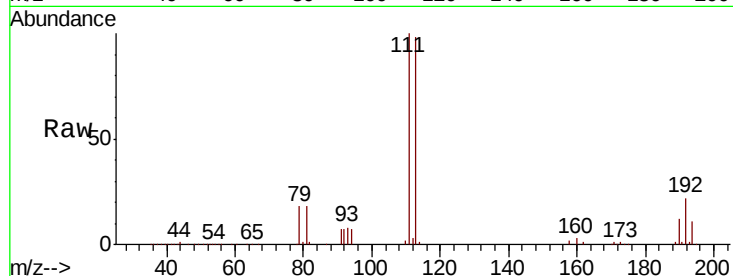
Tot Ion:113 Resp: 108328

Ion Ratio Lower Upper

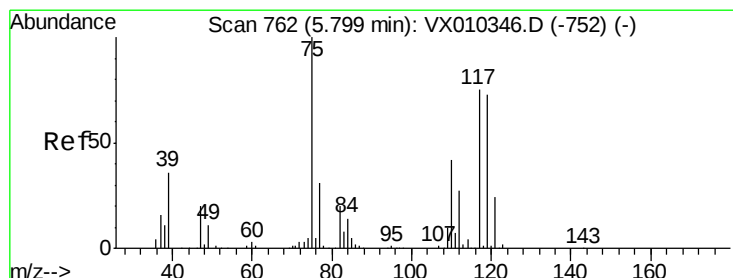
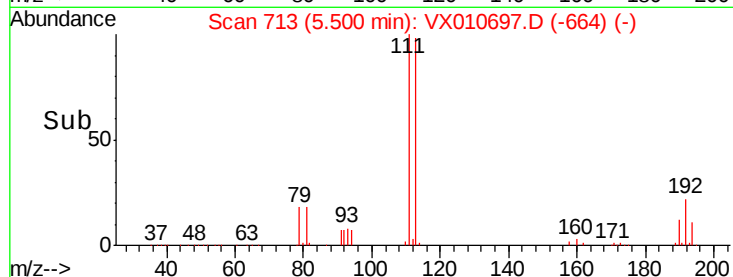
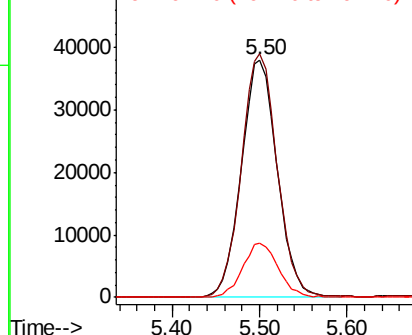
113 100

111 102.3 81.2 121.8

192 22.7 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: 5.114 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

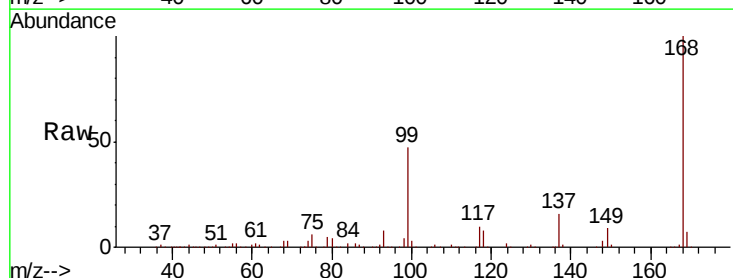
Tgt Ion: 75 Resp: 14469

Ion Ratio Lower Upper

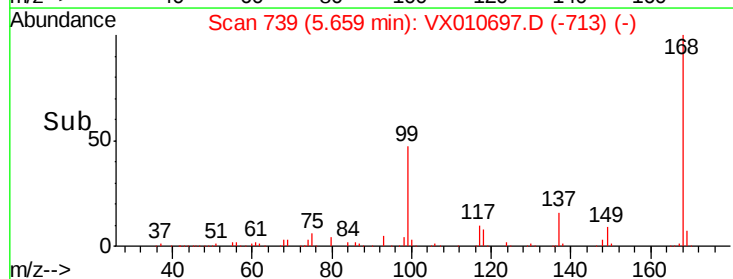
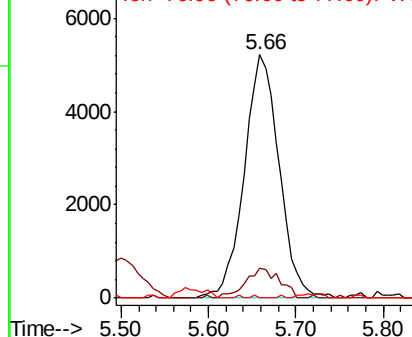
75 100

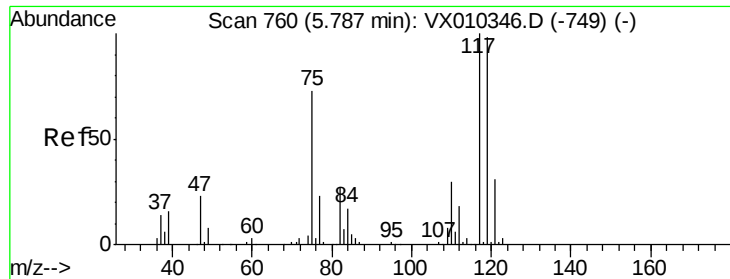
110 12.0 20.8 62.2#

77 0.1 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: 6.751 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampled :

FL-0585

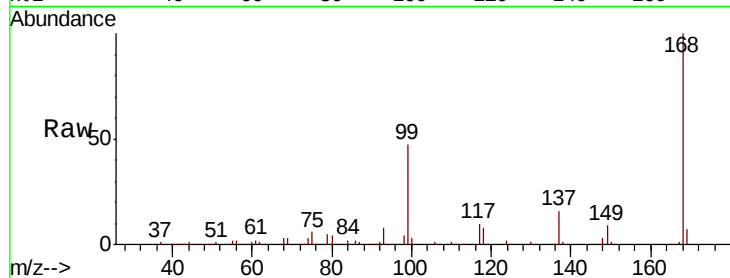
Tot Ion:117 Resp: 20682

Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.4#

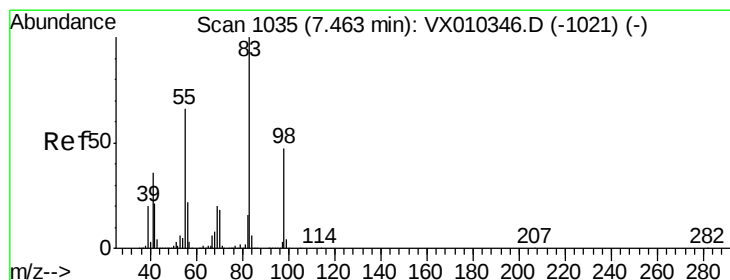
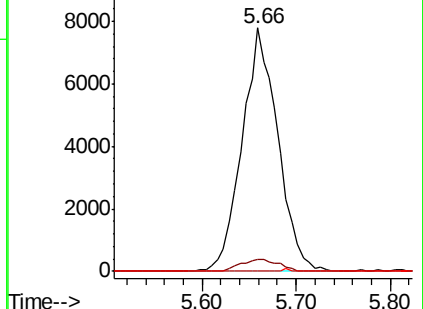
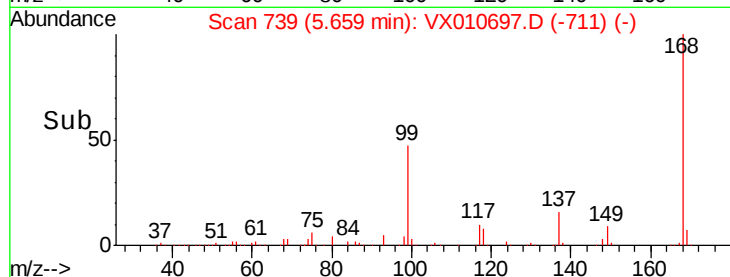
121 0.0 24.7 37.1#



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: 6.783 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

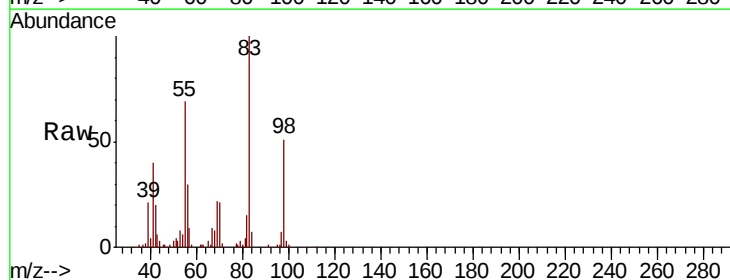
Tgt Ion: 83 Resp: 25224

Ion Ratio Lower Upper

83 100

55 68.7 53.0 79.6

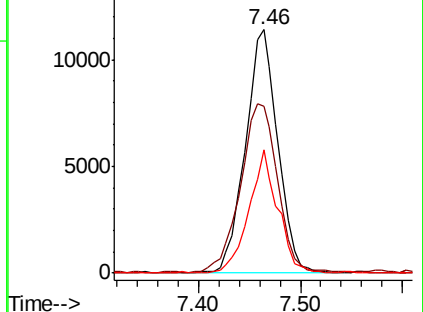
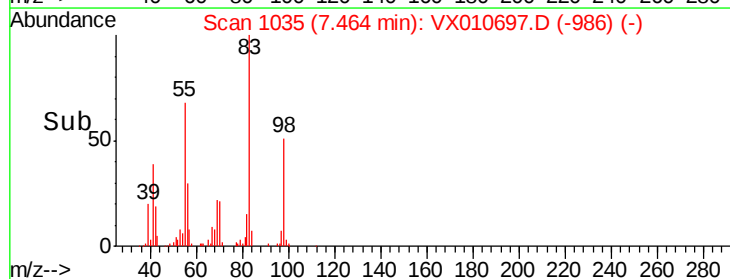
98 50.7 37.8 56.8

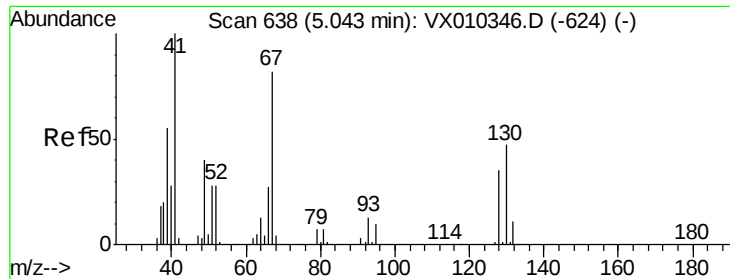


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

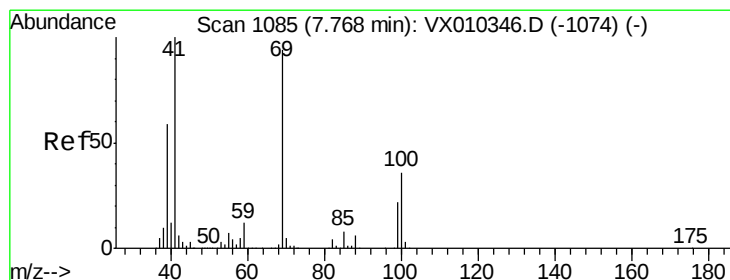
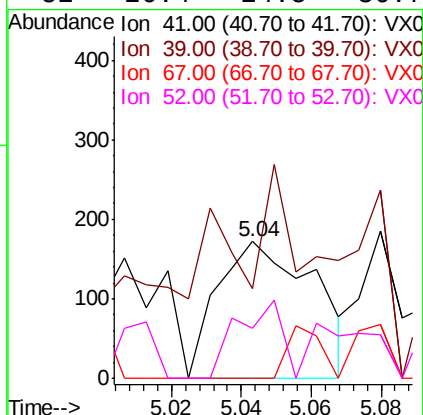
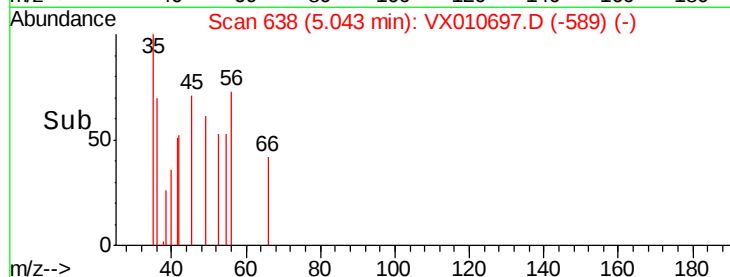
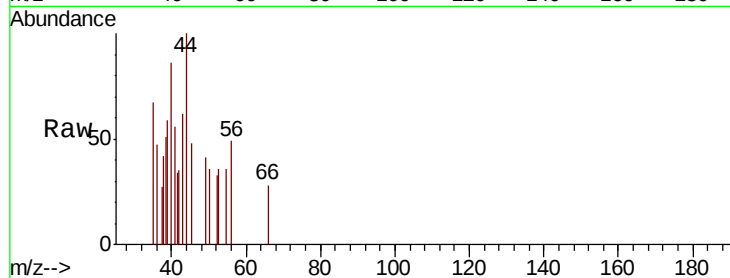




#41
Methacrylonitrile
Concen: 0.206 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

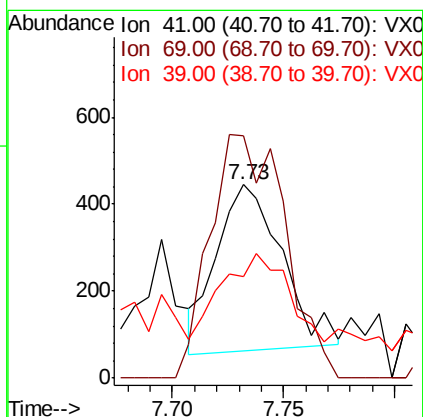
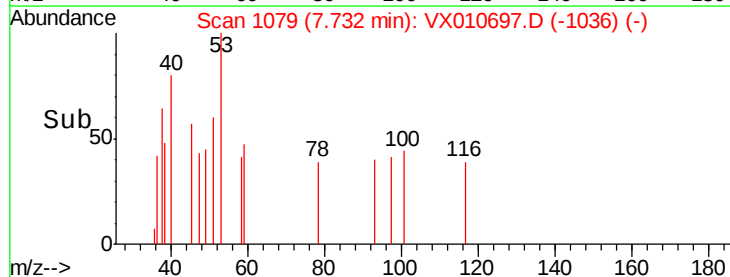
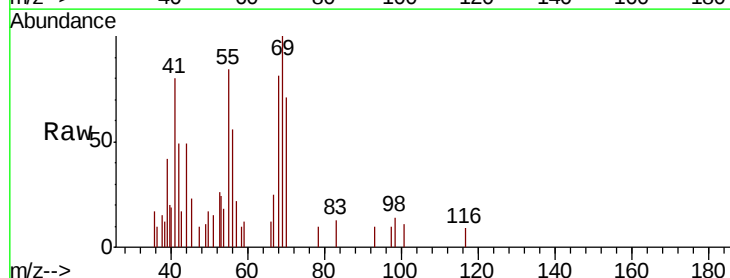
Instrument :
MSVOA_X
ClientSampled :
FL-0585

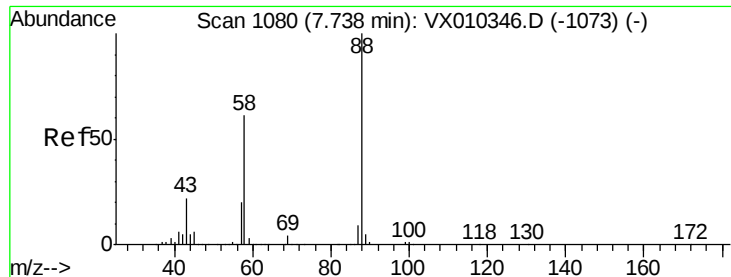
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.8	65.8
67	0.0	66.6	100.0#
52	26.4	24.5	36.7



#48
Methyl methacrylate
Concen: 0.350 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
41	100		
69	166.8	76.1	114.1#
39	52.7	47.6	71.4

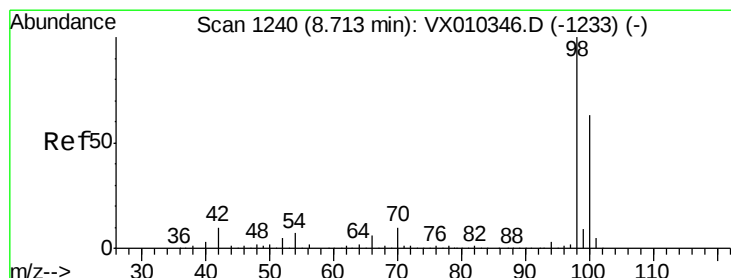
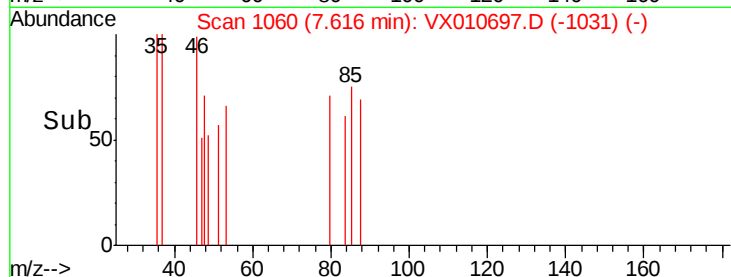
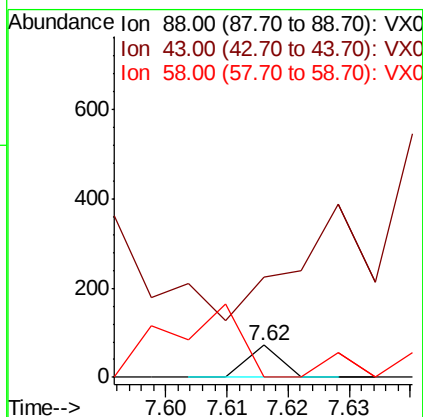
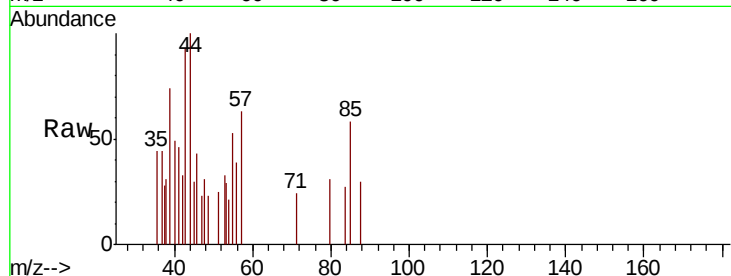




#49
1,4-Dioxane
Concen: 0.403 ug/l
RT: 7.62 min Scan# 1060
Delta R.T. -0.12 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

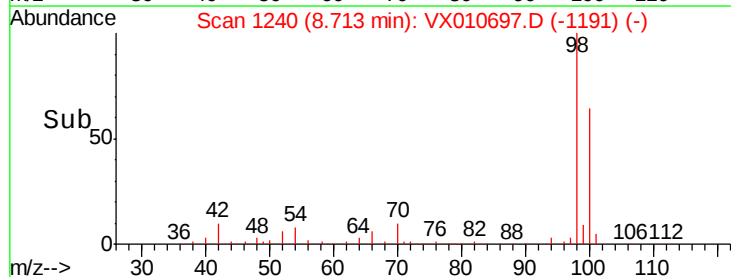
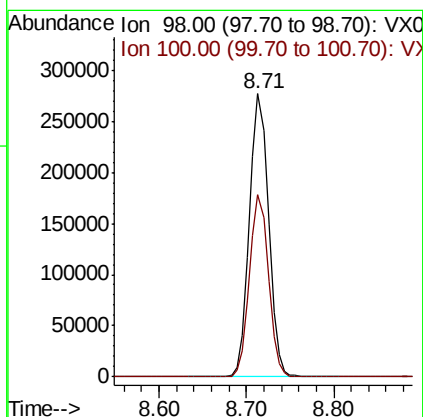
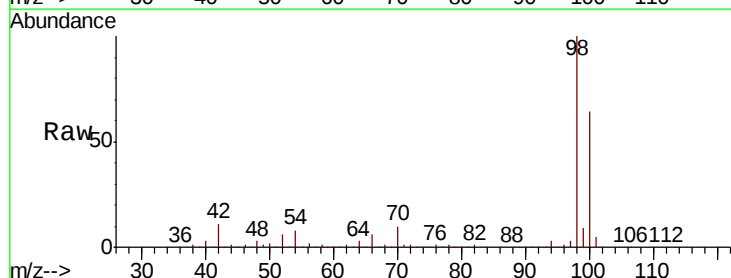
Instrument :
MSVOA_X
ClientSampleId :
FL-0585

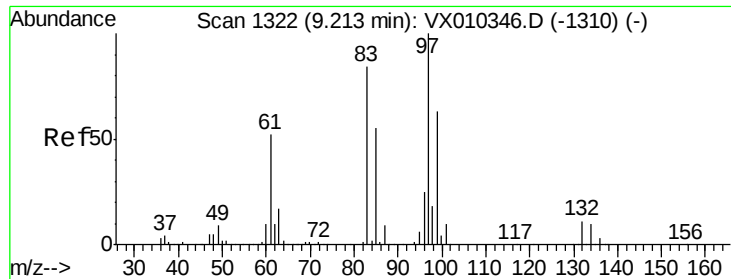
Tot Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 511.5 49.5 74.3#



#50
Toluene-d8
Concen: 50.550 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

Tgt Ion: 98 Resp: 421259
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

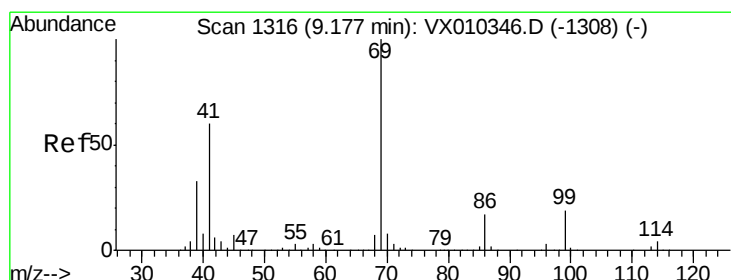
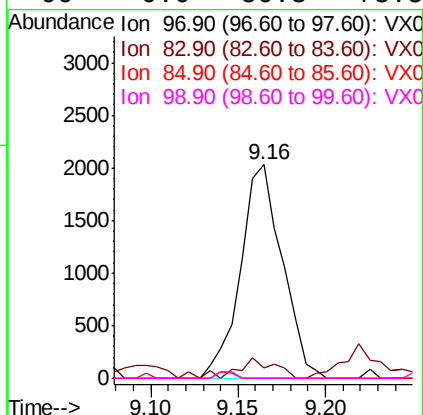
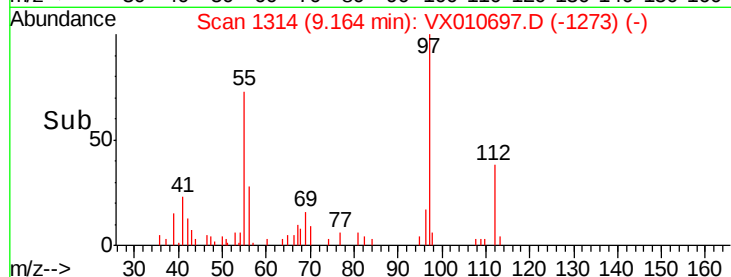
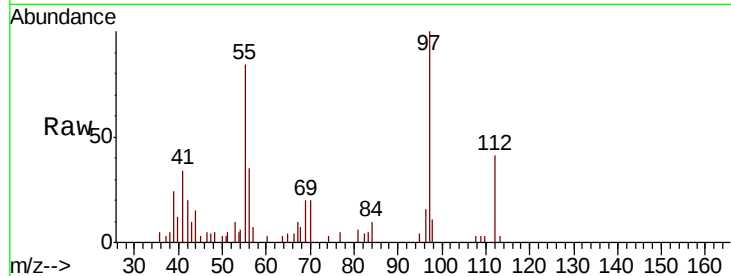




#55
 1,1,2-Trichloroethane
 Concen: 1.409 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010697.D
 Acq: 08 Jul 2019 15:49

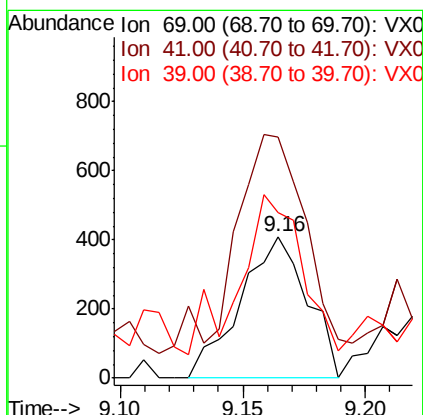
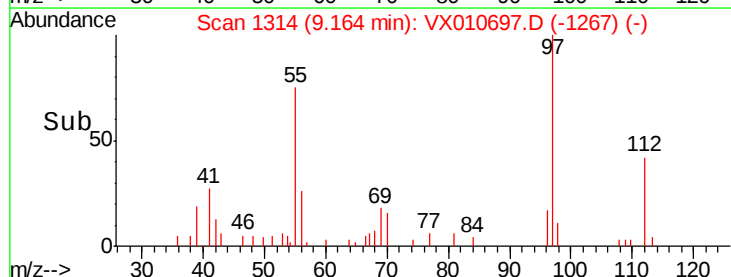
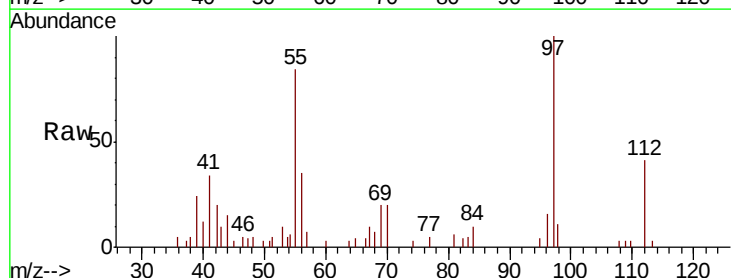
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0585

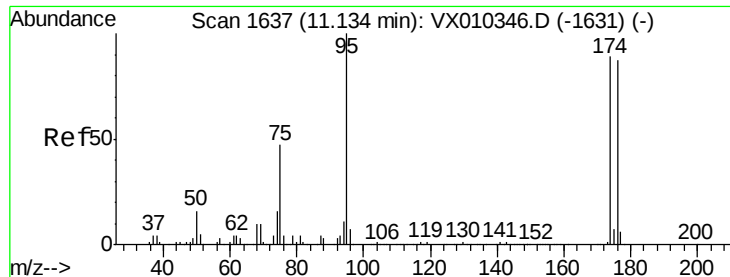
Tot Ion: 97 Resp: 3373
 Ion Ratio Lower Upper
 97 100
 83 1.8 67.4 101.0#
 85 0.0 43.8 65.8#
 99 0.0 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 0.215 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX010697.D
 Acq: 08 Jul 2019 15:49

Tgt Ion: 69 Resp: 781
 Ion Ratio Lower Upper
 69 100
 41 160.9 47.1 70.7#
 39 104.7 26.6 40.0#





#62

4-Bromofluorobenzene

Concen: 48.099 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

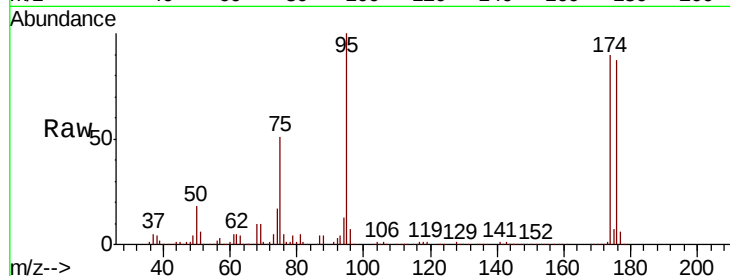
Tot Ion: 95 Resp: 144712

Ion Ratio Lower Upper

95 100

174 92.1 0.0 187.6

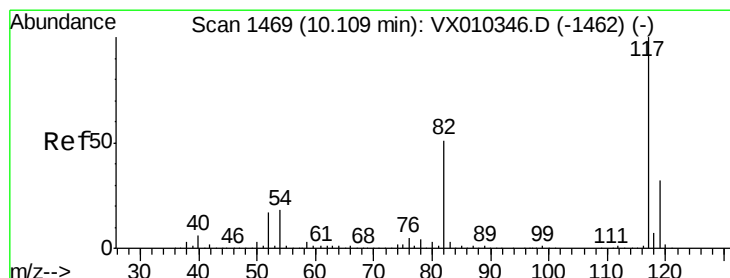
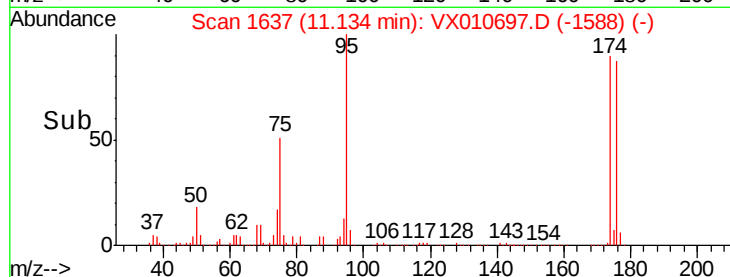
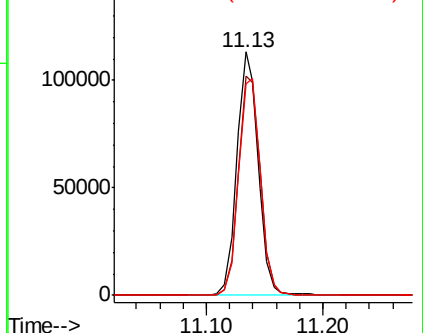
176 91.0 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

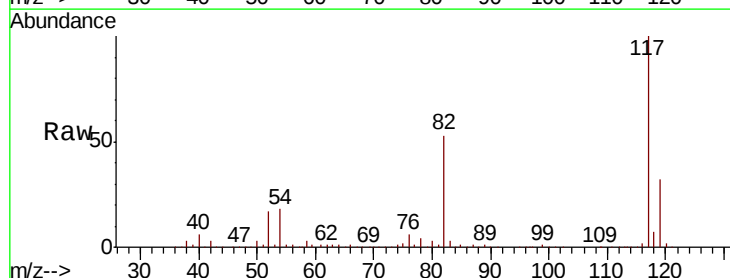
Tgt Ion: 117 Resp: 324867

Ion Ratio Lower Upper

117 100

82 52.8 41.2 61.8

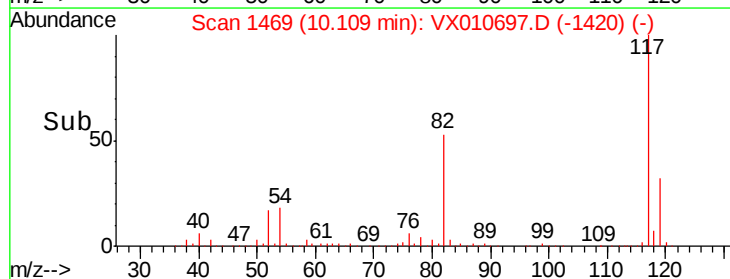
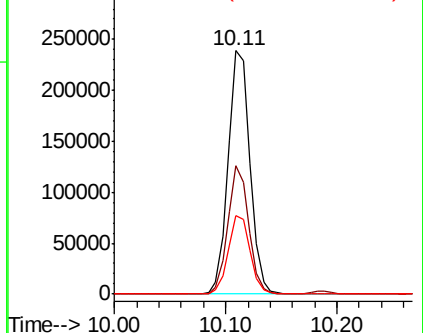
119 32.1 25.5 38.3

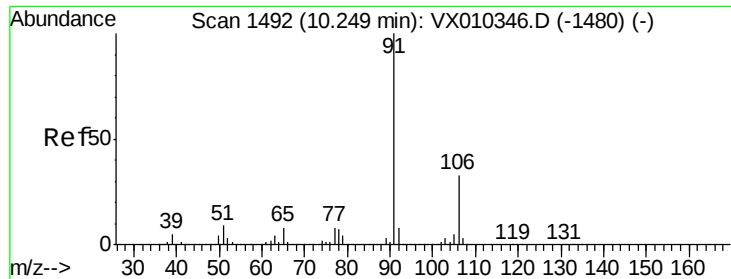


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

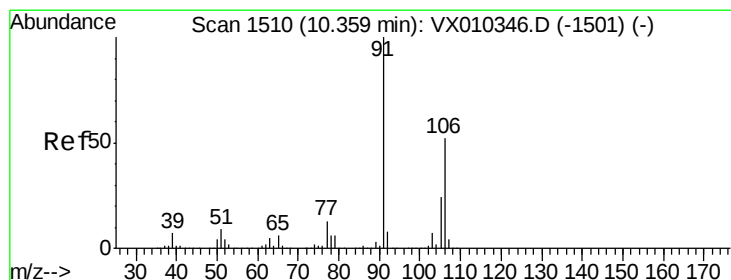
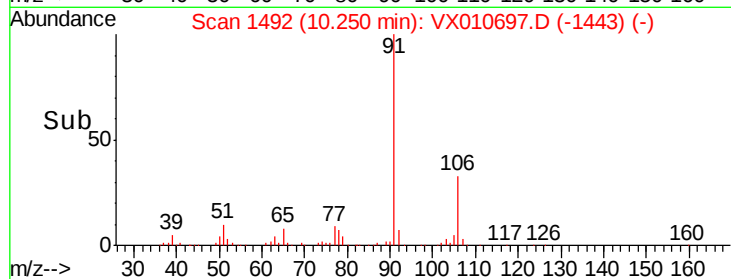
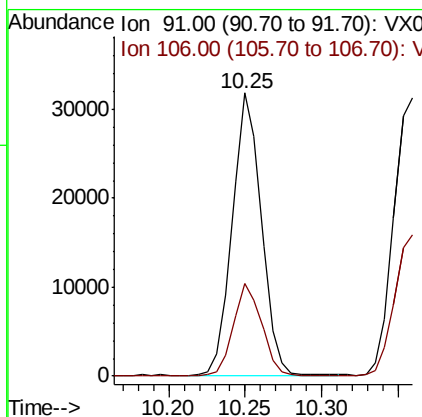
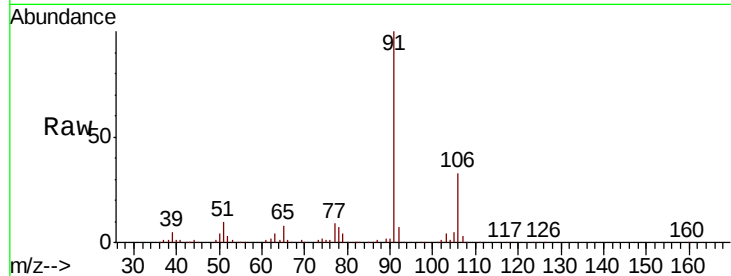




#67
Ethyl Benzene
Concen: 3.796 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

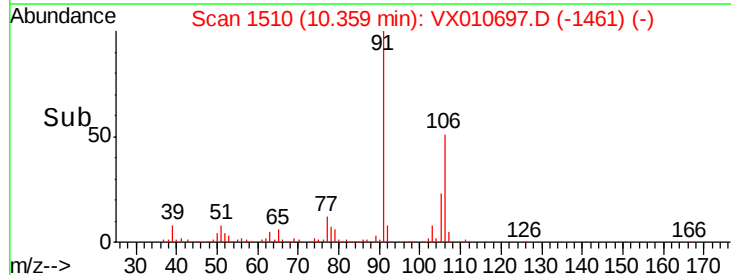
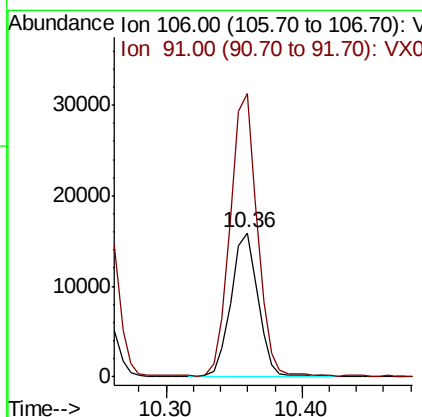
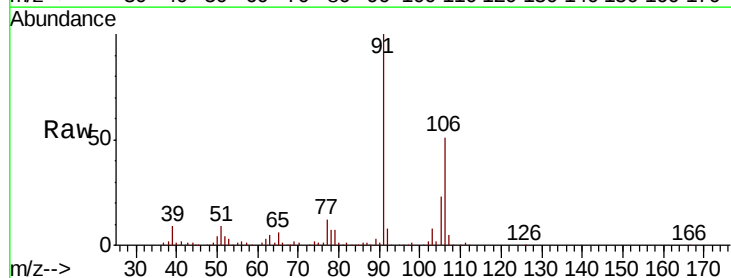
Instrument :
MSVOA_X
ClientSampleId :
FL-0585

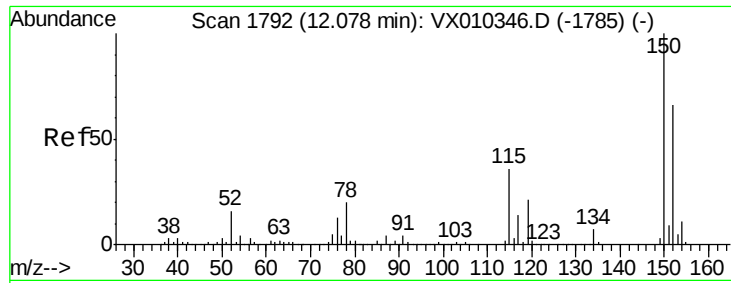
Tot Ion: 91 Resp: 42266
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2



#68
m/p-Xylenes
Concen: 5.136 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

Tgt Ion: 106 Resp: 22157
Ion Ratio Lower Upper
106 100
91 196.4 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

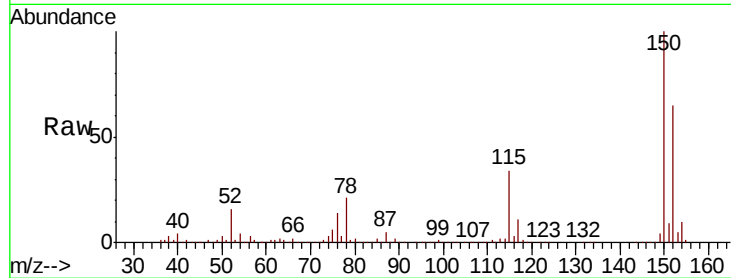
Tot Ion:152 Resp: 154159

Ion Ratio Lower Upper

152 100

115 54.5 38.6 115.7

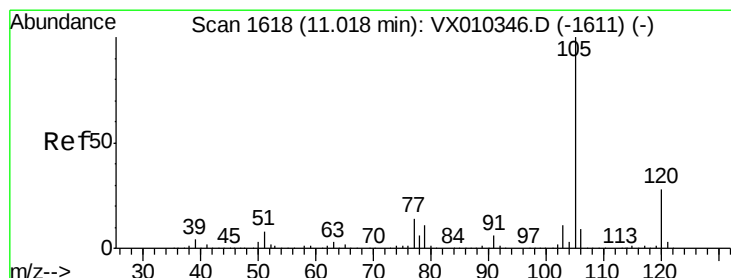
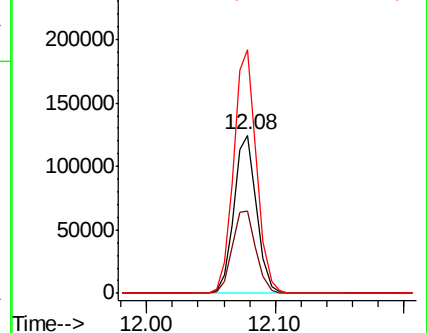
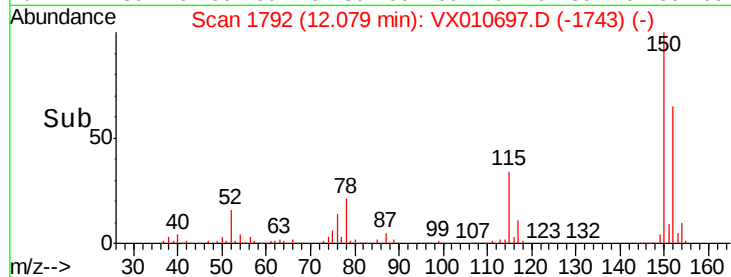
150 154.8 0.0 347.4



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: 2.477 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010697.D

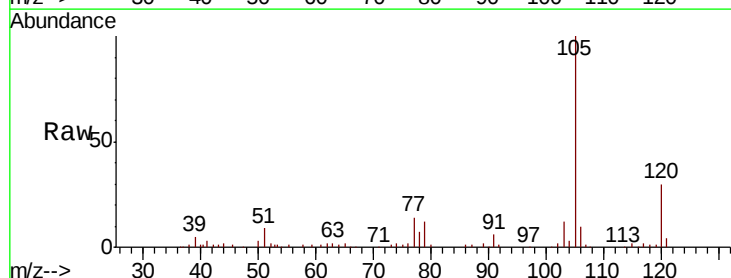
Acq: 08 Jul 2019 15:49

Tgt Ion:105 Resp: 25884

Ion Ratio Lower Upper

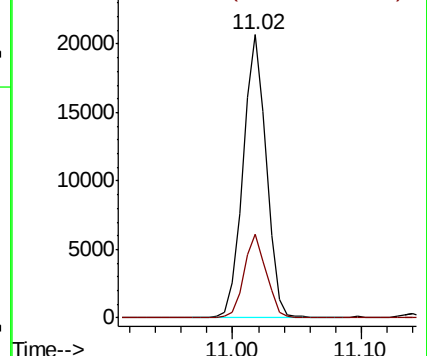
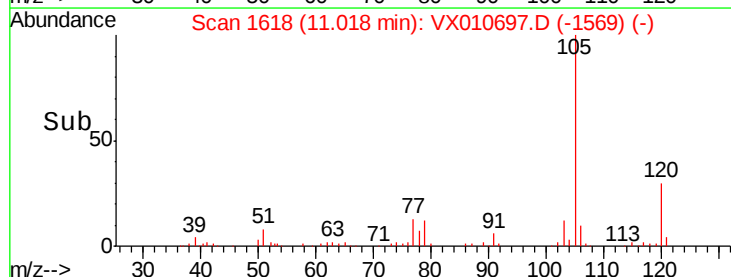
105 100

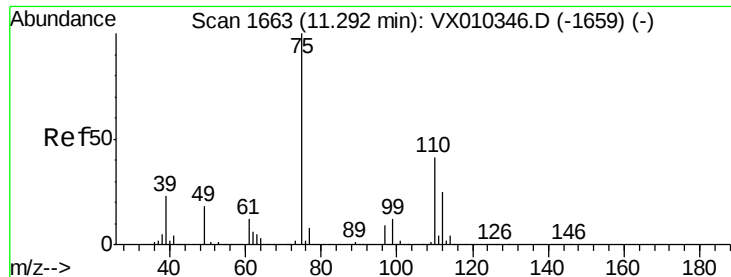
120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

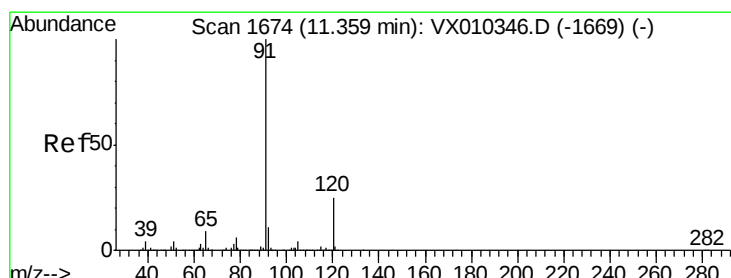
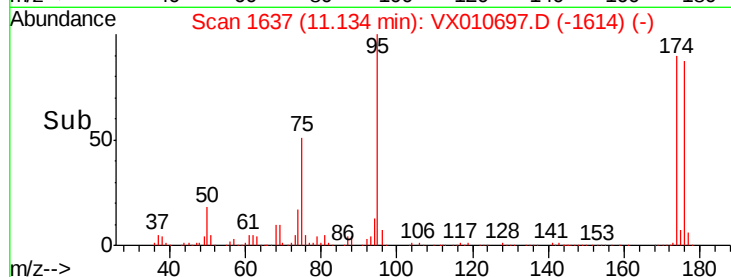
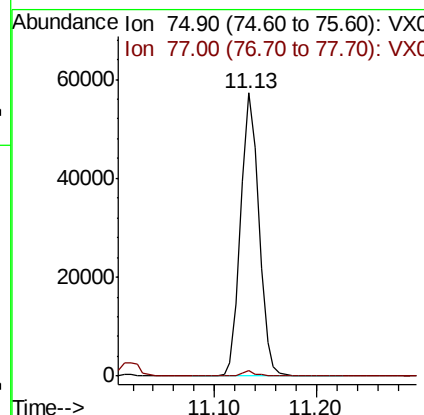
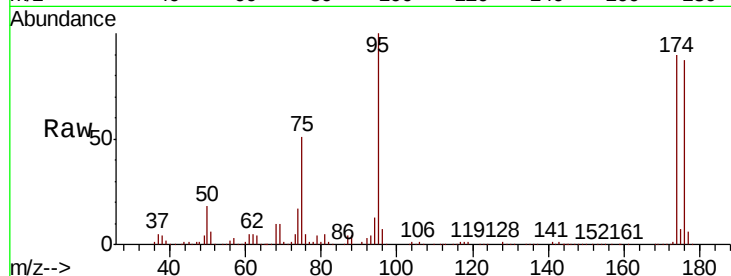




#76
 1,2,3-Trichloropropane
 Concen: 25.117 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010697.D
 Acq: 08 Jul 2019 15:49

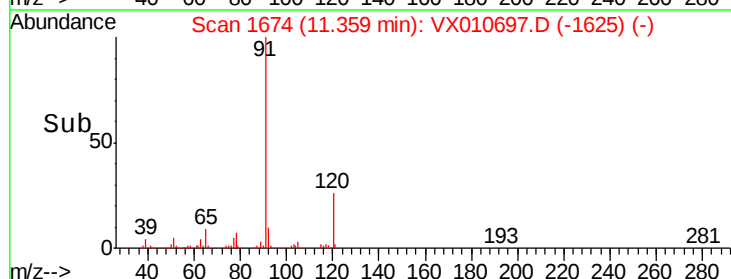
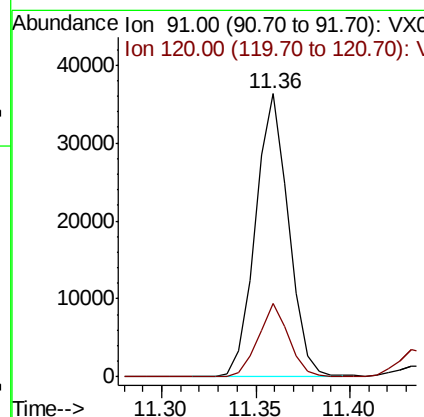
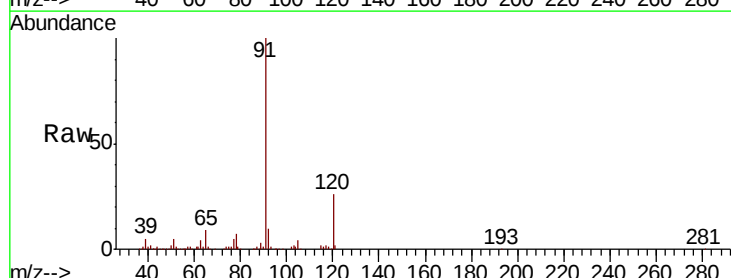
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0585

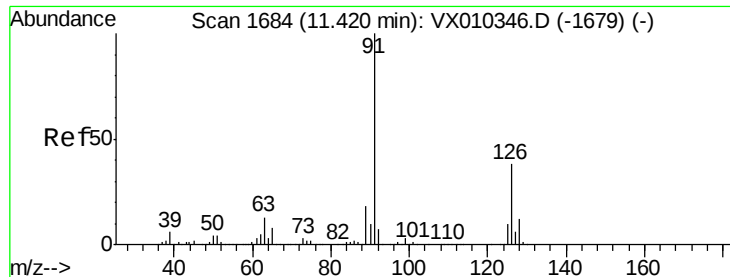
Tot Ion: 75 Resp: 70557
 Ion Ratio Lower Upper
 75 100
 77 1.6 22.6 67.8#



#78
 n-propylbenzene
 Concen: 3.839 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX010697.D
 Acq: 08 Jul 2019 15:49

Tgt Ion: 91 Resp: 44092
 Ion Ratio Lower Upper
 91 100
 120 24.4 12.4 37.4





#79

2-Chlorotoluene

Concen: 0.471 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

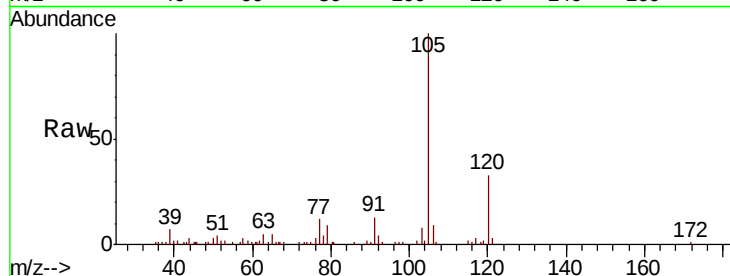
FL-0585

Tot Ion: 91 Resp: 3220

Ion Ratio Lower Upper

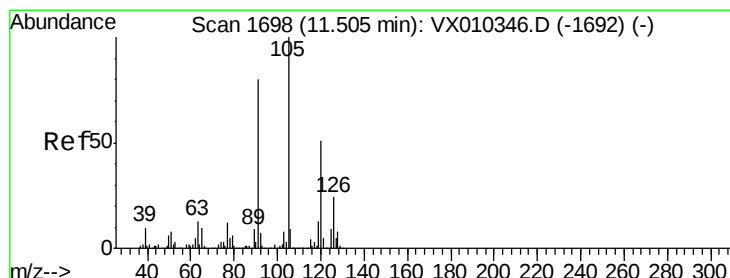
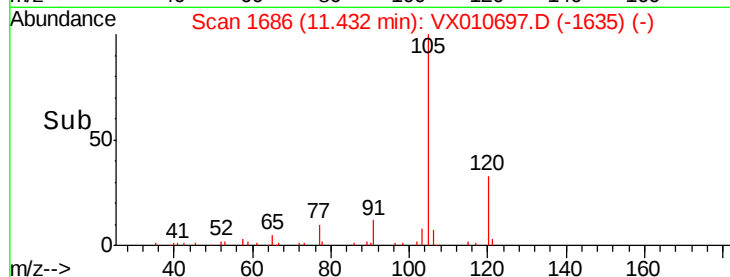
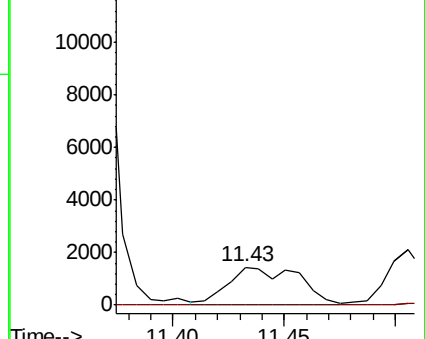
91 100

126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.667 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010697.D

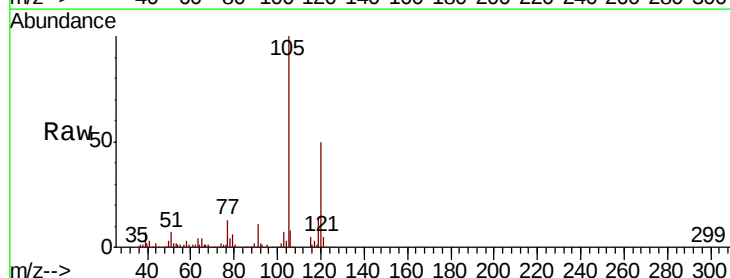
Acq: 08 Jul 2019 15:49

Tgt Ion:105 Resp: 22975

Ion Ratio Lower Upper

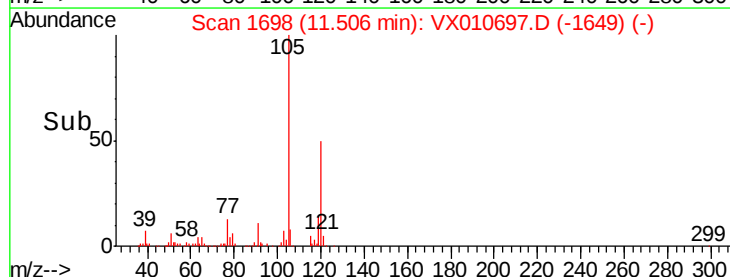
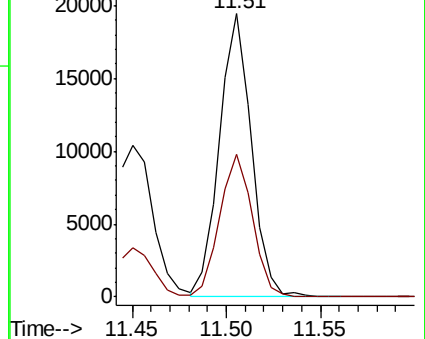
105 100

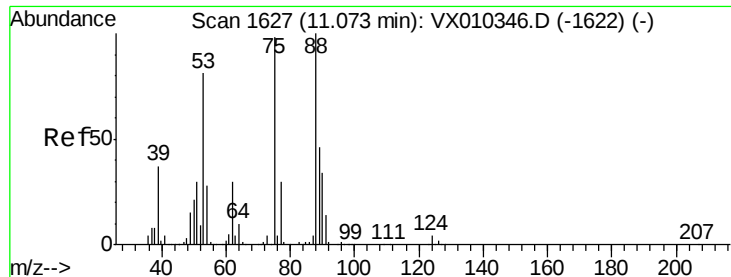
120 51.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 58.594 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

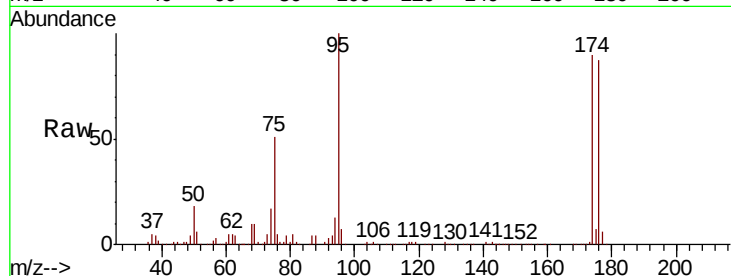
Tot Ion: 75 Resp: 70557

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

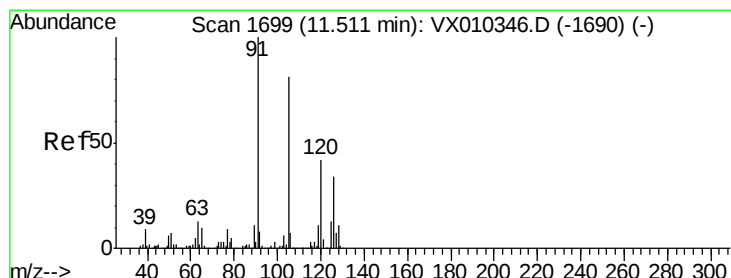
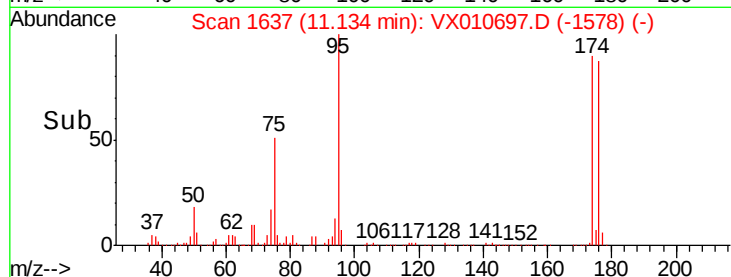
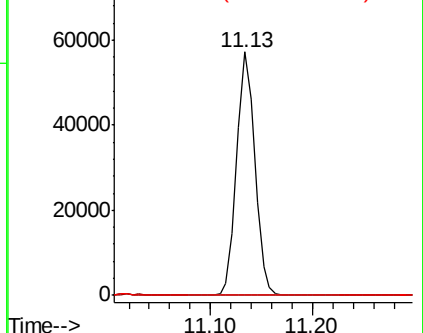
89 0.0 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.351 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010697.D

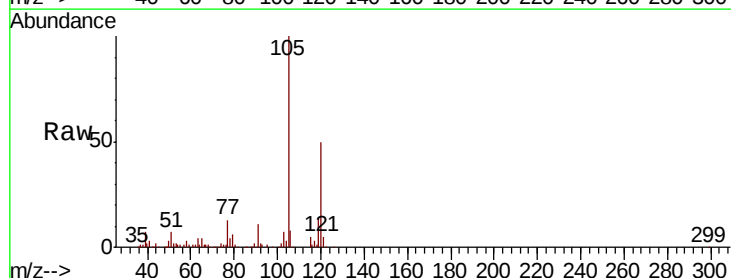
Acq: 08 Jul 2019 15:49

Tgt Ion: 91 Resp: 2733

Ion Ratio Lower Upper

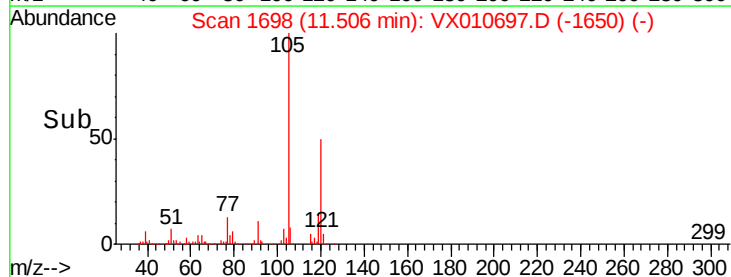
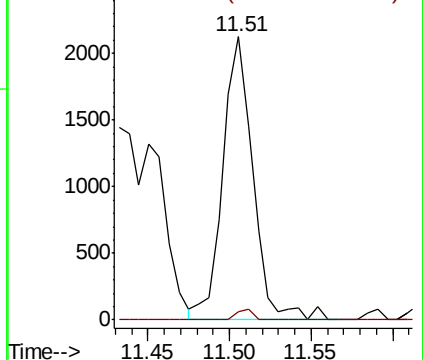
91 100

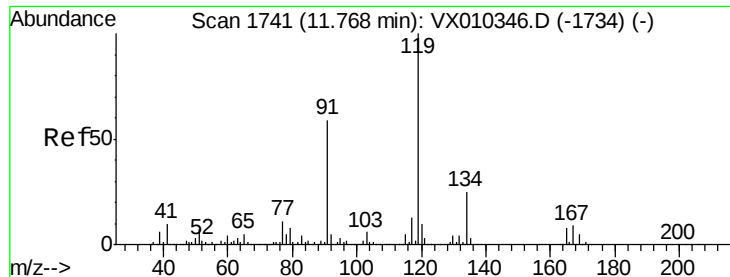
126 1.9 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.268 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

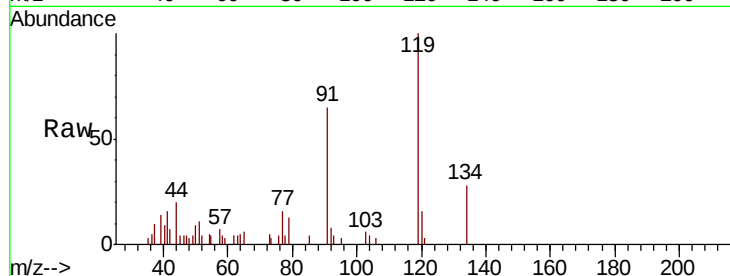
Tot Ion:119 Resp: 2314

Ion Ratio Lower Upper

119 100

91 66.3 27.6 82.7

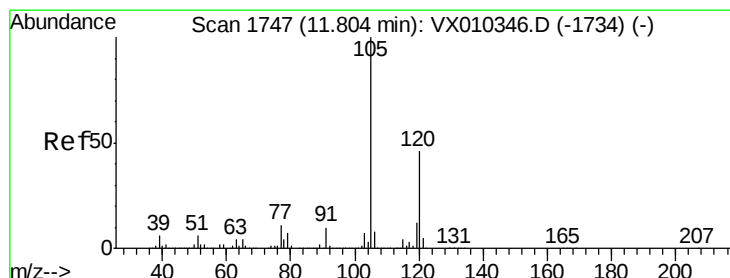
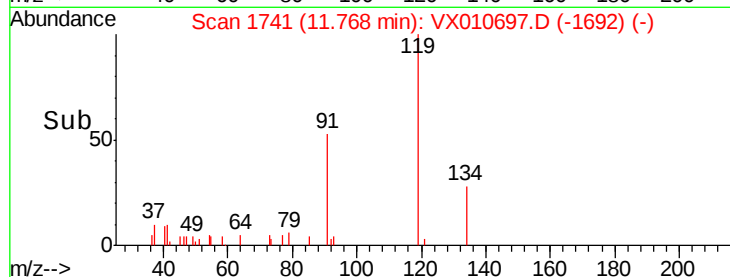
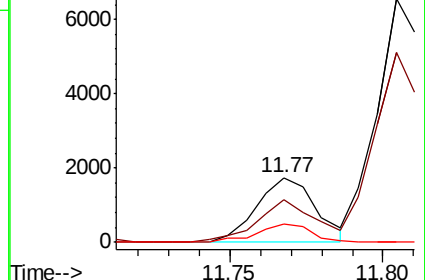
134 26.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 7.150 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010697.D

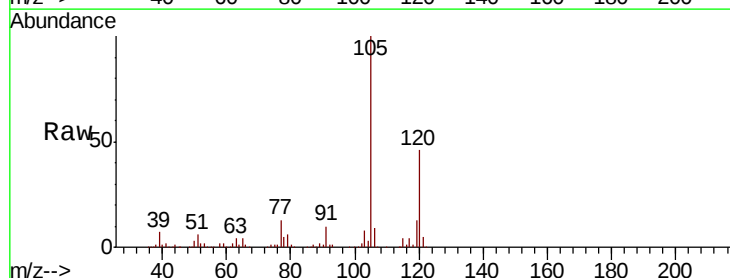
Acq: 08 Jul 2019 15:49

Tgt Ion:105 Resp: 61882

Ion Ratio Lower Upper

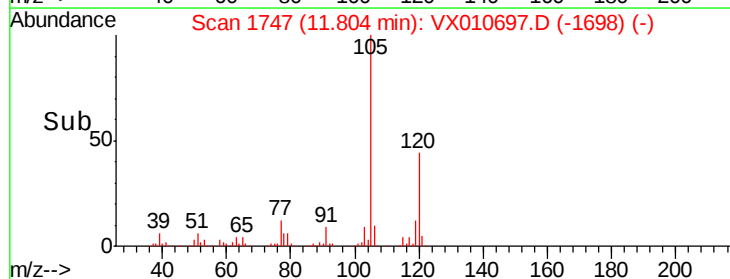
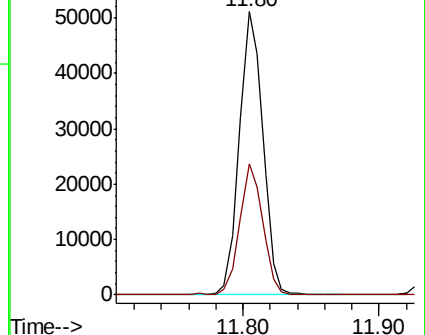
105 100

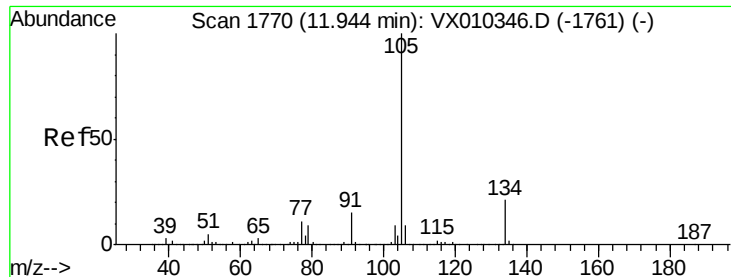
120 45.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.302 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

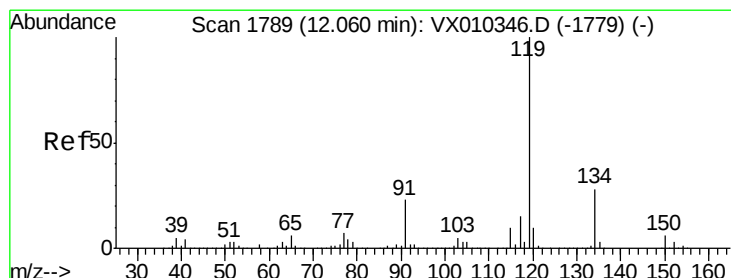
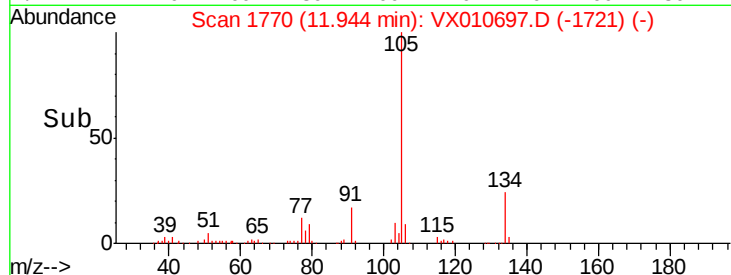
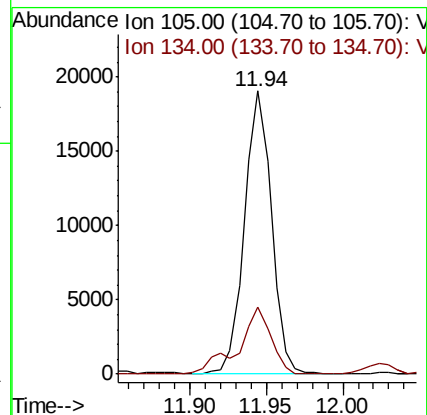
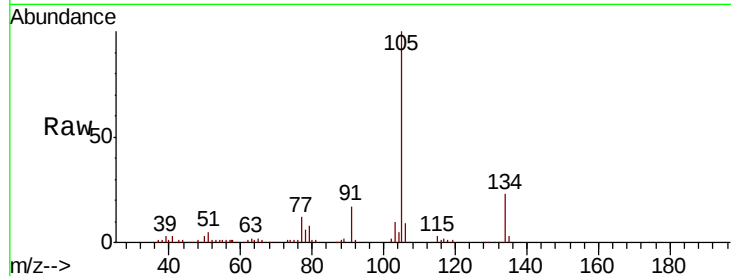
FL-0585

Tot Ion:105 Resp: 23366

Ion Ratio Lower Upper

105 100

134 28.8 10.7 31.9



#86

p-Isopropyltoluene

Concen: 0.313 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

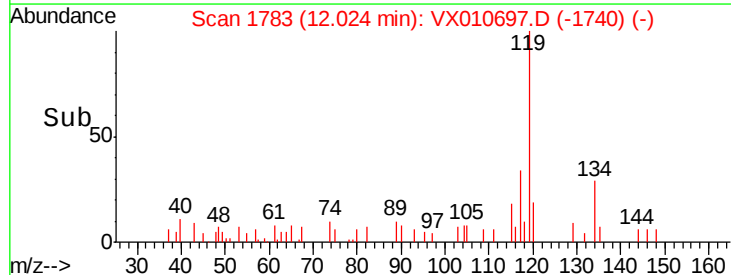
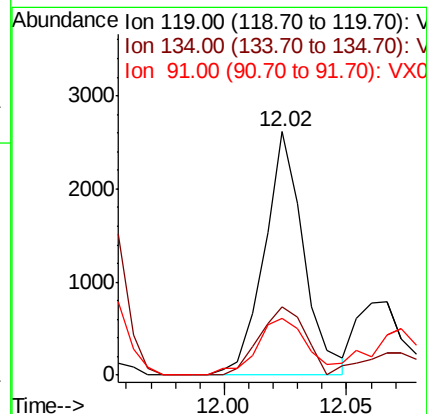
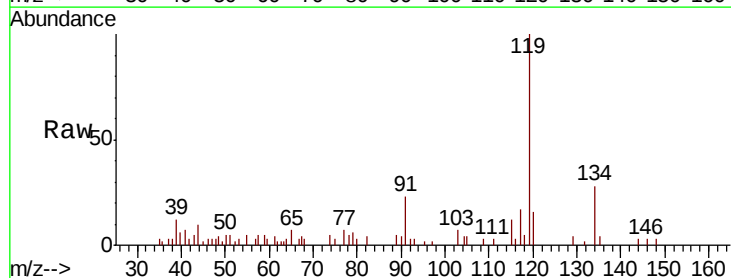
Tgt Ion:119 Resp: 2939

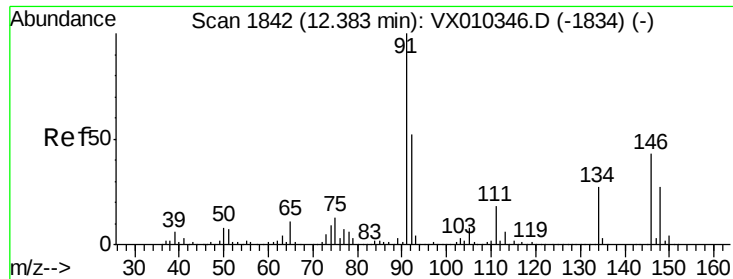
Ion Ratio Lower Upper

119 100

134 33.9 13.7 41.1

91 29.4 11.3 33.8

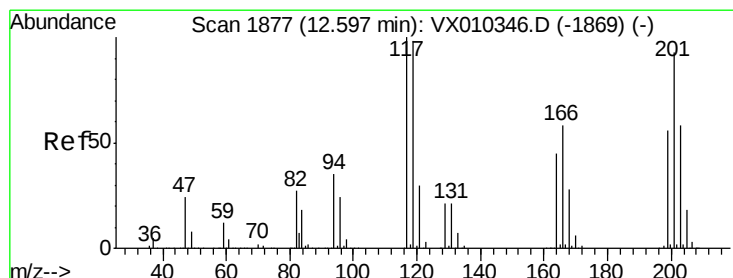
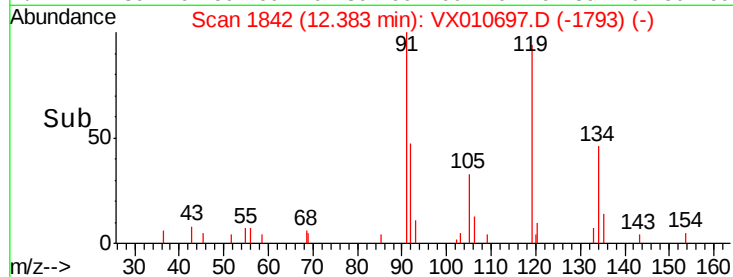
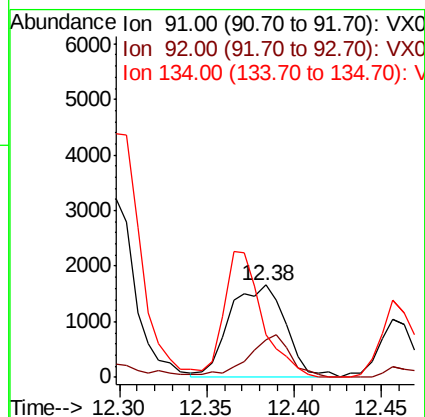
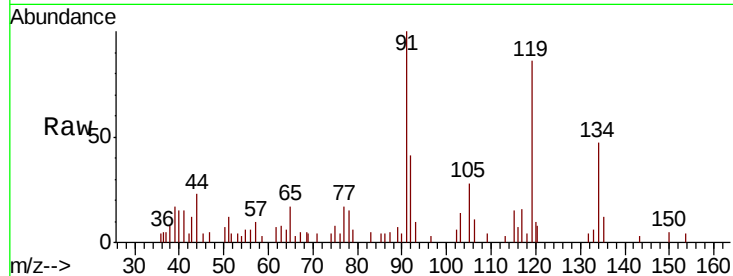




#89
n-Butylbenzene
Concen: 0.462 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

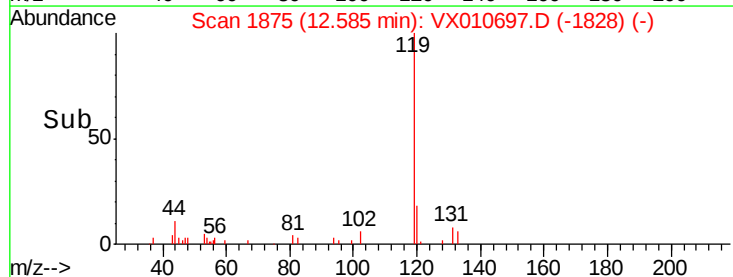
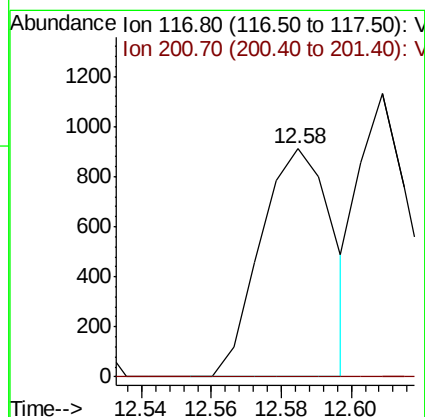
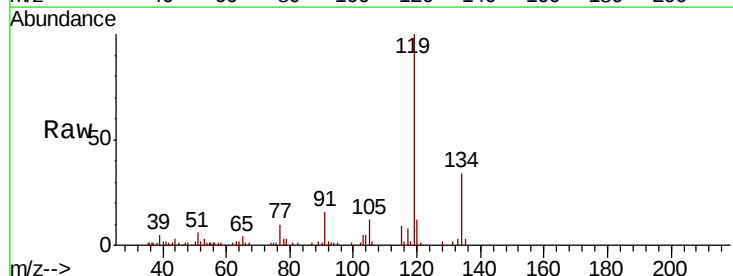
Instrument :
MSVOA_X
ClientSampleId :
FL-0585

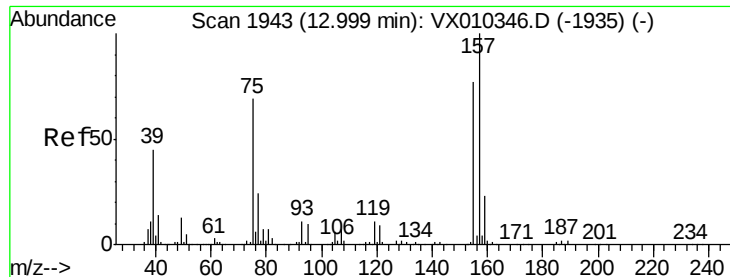
Tot Ion: 91 Resp: 3689
Ion Ratio Lower Upper
91 100
92 35.0 26.2 78.5
134 0.0 14.1 42.4#



#90
Hexachloroethane
Concen: 0.802 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010697.D
Acq: 08 Jul 2019 15:49

Tgt Ion: 117 Resp: 1303
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.343 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

Instrument :

MSVOA_X

ClientSampleId :

FL-0585

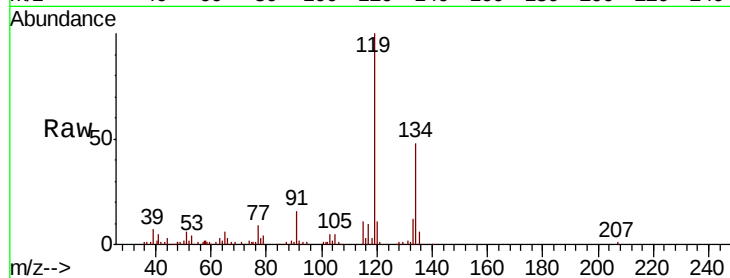
Tot Ion: 75 Resp: 256

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

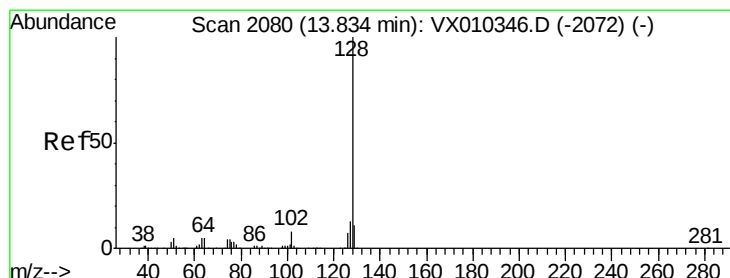
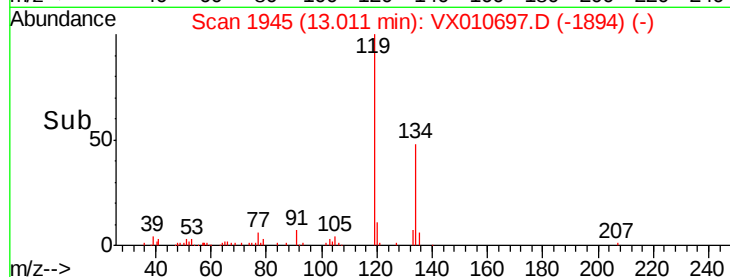
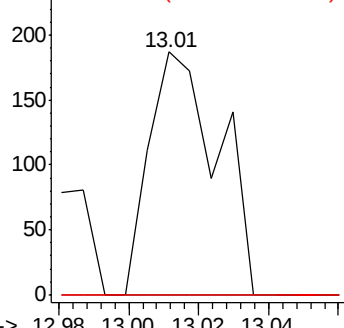
157 0.0 69.5 208.3#



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: 0.528 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010697.D

Acq: 08 Jul 2019 15:49

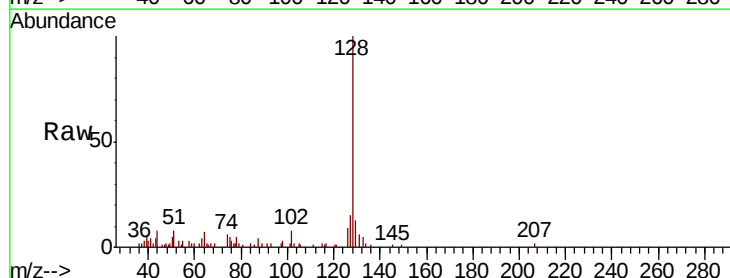
Tgt Ion: 128 Resp: 5697

Ion Ratio Lower Upper

128 100

127 18.0 10.2 15.4#

129 22.5 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

