

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010675.D
 Acq On : 04 Jul 2019 08:15
 Operator : JC/SP
 Sample : K3664-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580

Quant Time: Jul 05 00:57:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166839	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	119289	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
35) Dibromofluoromethane	5.50	113	113299	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
50) Toluene-d8	8.71	98	453354	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.13	95	155514	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	545	0.277	ug/l	92
5) Bromomethane	1.65	94	690	0.658	ug/l	88
6) Chloroethane	1.93	64	590	0.465	ug/l #	41
11) Tert butyl alcohol	3.02	59	1864	3.130	ug/l #	74
13) Acrolein	2.28	56	282	0.714	ug/l #	14
14) Allyl chloride	2.84	41	6655	2.228	ug/l #	70
15) Acrylonitrile	3.17	53	1594	1.352	ug/l #	42
16) Acetone	2.44	43	1914	1.678	ug/l #	78
18) Methyl Acetate	2.85	43	15930	7.008	ug/l #	49
31) Cyclohexane	5.58	56	44766	13.619	ug/l	93
36) 1,1-Dichloropropene	5.66	75	15912	5.321	ug/l #	47
38) Carbon Tetrachloride	5.67	117	21716	6.707	ug/l #	16
39) Methylcyclohexane	7.46	83	55206	14.045	ug/l	91
40) Benzene	6.15	78	19051	2.045	ug/l	91
43) Isopropyl Acetate	6.45	43	2075	0.408	ug/l #	66
47) Bromodichloromethane	7.85	83	681	0.220	ug/l #	31
49) 1,4-Dioxane	7.83	88	19	0.279	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	1528	0.469	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	17031	6.731	ug/l #	19
56) Ethyl methacrylate	9.16	69	3603	0.940	ug/l #	1
67) Ethyl Benzene	10.25	91	160346	13.555	ug/l	98
68) m/p-Xylenes	10.36	106	64104	13.986	ug/l	99
69) o-Xylene	10.69	106	9376	2.080	ug/l	97
73) Isopropylbenzene	11.02	105	98046	8.669	ug/l	100
74) N-amyl acetate	10.94	43	3143	0.735	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	11.27	83	1285	0.343	ug/l #	50
76) 1,2,3-Trichloropropane	11.13	75	76274	25.088	ug/l #	33
78) n-propylbenzene	11.36	91	143191	11.520	ug/l	98
79) 2-Chlorotoluene	11.45	91	4882	0.660	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.66	105	70324	7.543	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.13	75	76274	58.528	ug/l #	16
82) 4-Chlorotoluene	11.45	91	4882	0.580	ug/l #	42
83) tert-Butylbenzene	11.80	119	185375	19.810	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.80	105	1490730	159.145	ug/l	99

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

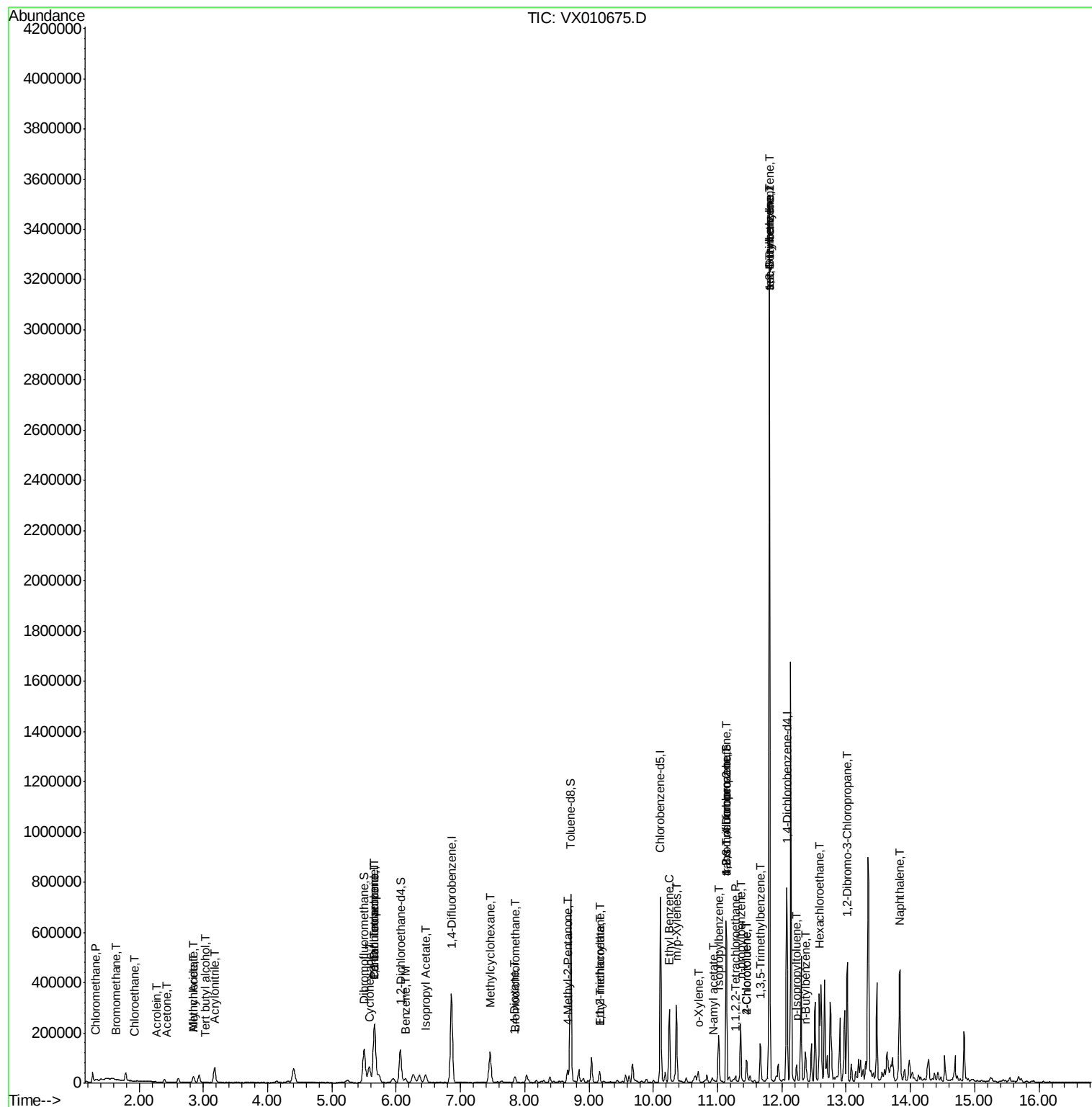
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.80	105	1490730	135.677	uq/l #	55
86) p-Isopropyltoluene	12.23	119	26467	2.604	uq/l	96
89) n-Butylbenzene	12.38	91	17821	2.064	uq/l #	43
90) Hexachloroethane	12.58	117	15052	8.565	uq/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1612	1.996	uq/l #	1
95) Naphthalene	13.83	128	290101	24.847	uq/l	98

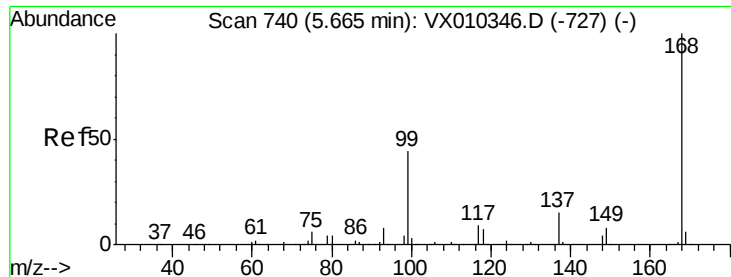
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampleId :

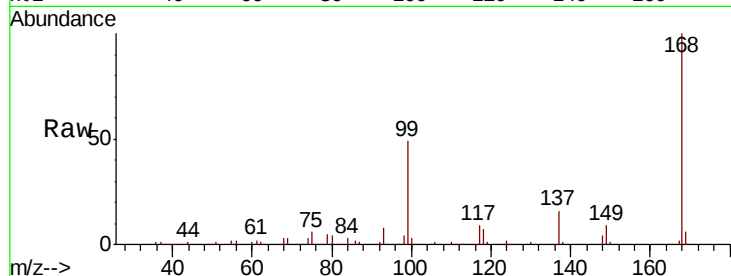
FL-0580

Tot Ion:168 Resp: 242704

Ion Ratio Lower Upper

168 100

99 48.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

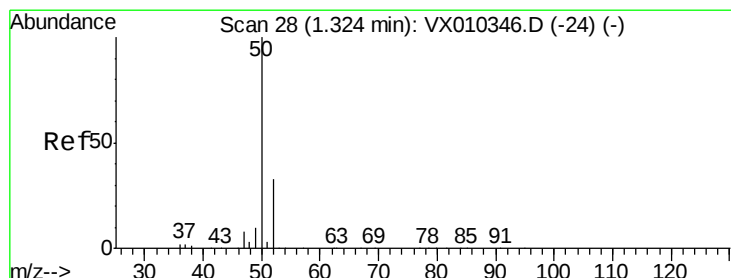
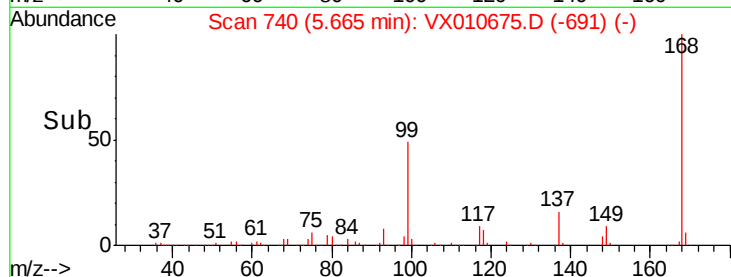
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.277 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010675.D

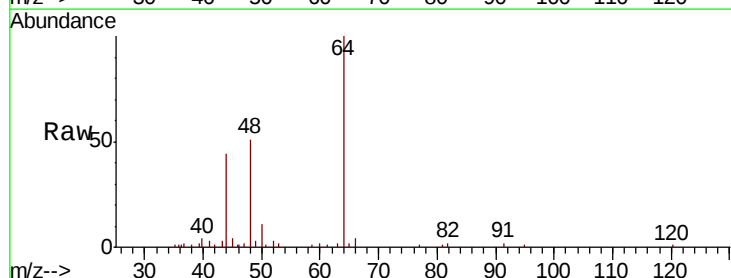
Acq: 04 Jul 2019 08:15

Tgt Ion: 50 Resp: 545

Ion Ratio Lower Upper

50 100

52 37.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

800

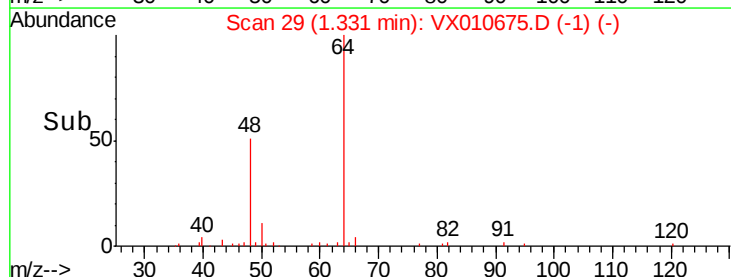
600

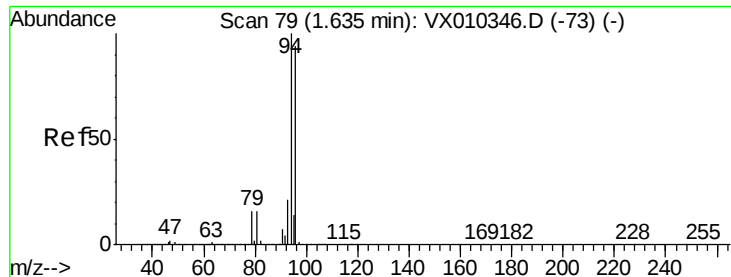
400

200

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.658 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampled :

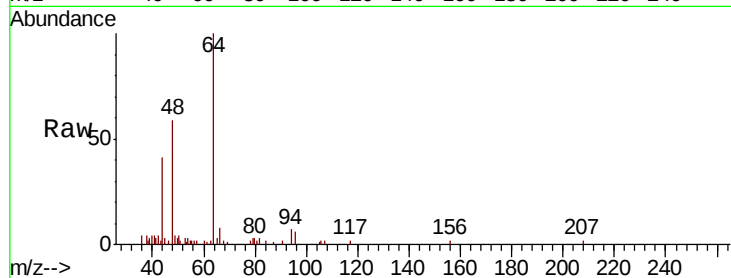
FL-0580

Tot Ion: 94 Resp: 690

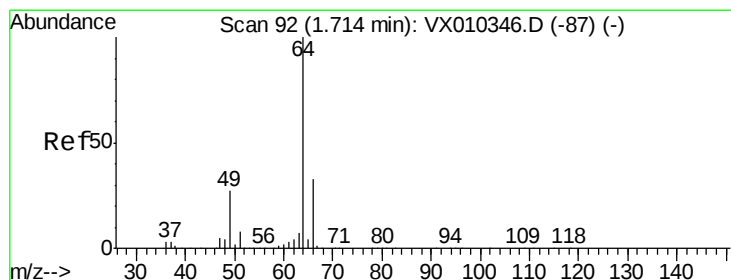
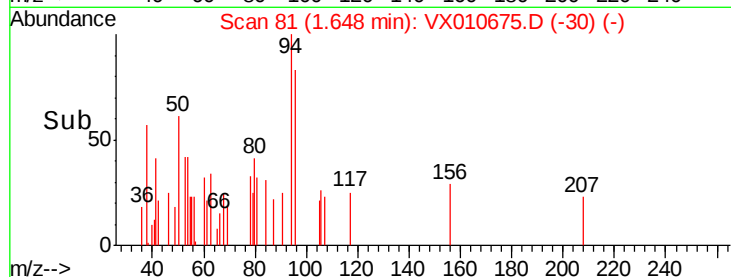
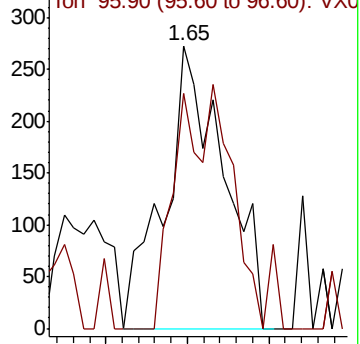
Ion Ratio Lower Upper

94 100

96 83.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0



#6

Chloroethane

Concen: 0.465 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.22 min

Lab File: VX010675.D

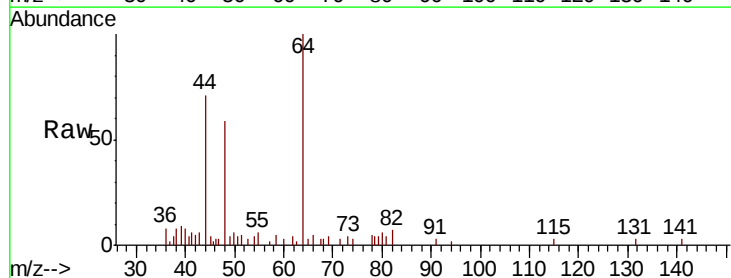
Acq: 04 Jul 2019 08:15

Tgt Ion: 64 Resp: 590

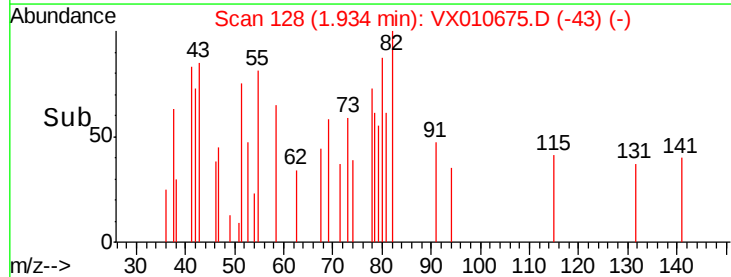
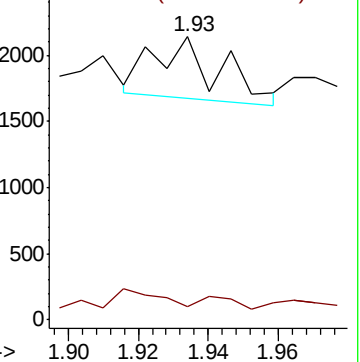
Ion Ratio Lower Upper

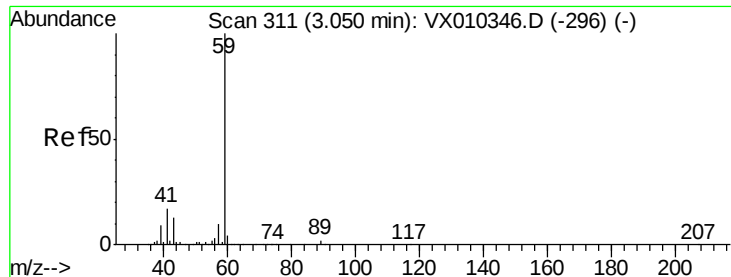
64 100

66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0



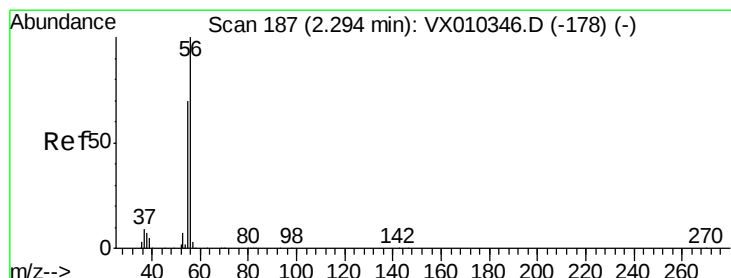
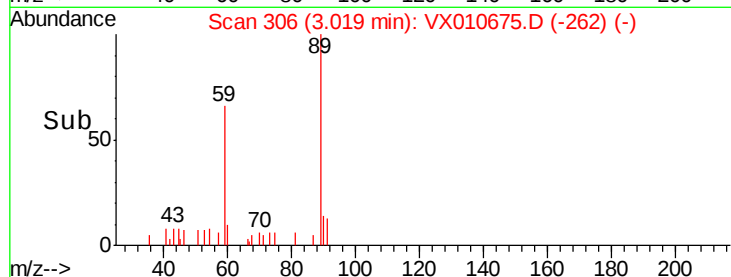
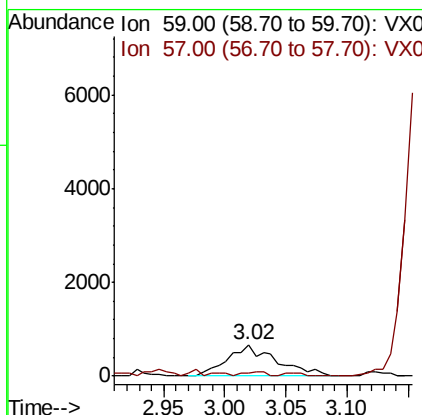
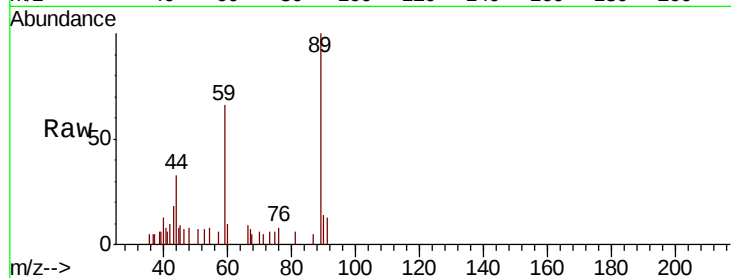


#11

Tert butvl alcohol
 Concen: 3.130 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX010675.D
 Acq: 04 Jul 2019 08:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580

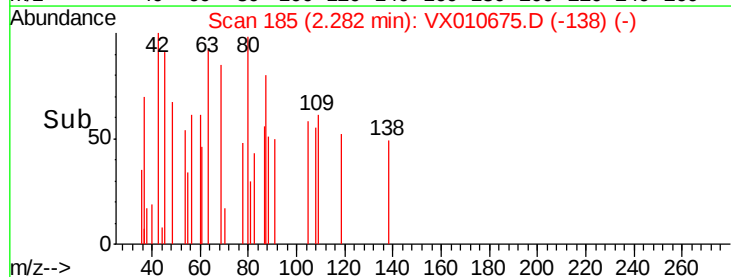
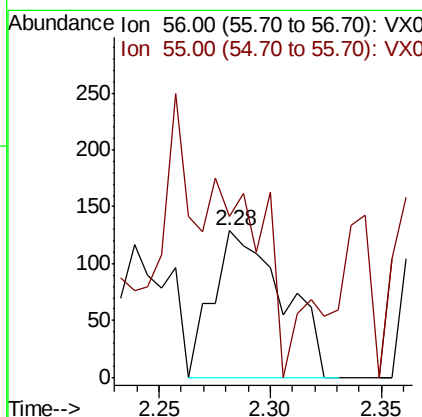
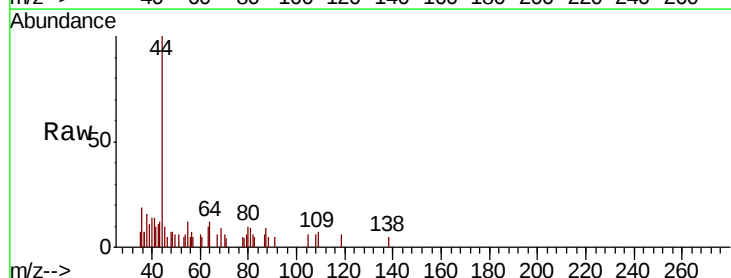
Tot Ion: 59 Resp: 1864
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

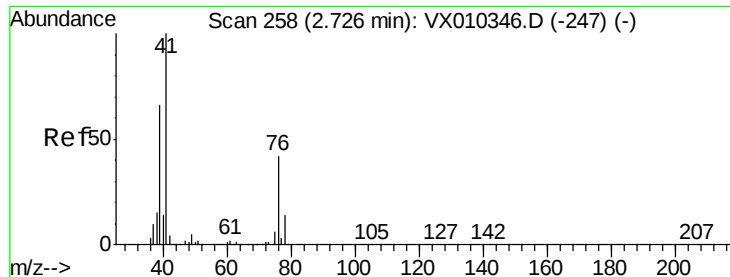


#13

Acrolein
 Concen: 0.714 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VX010675.D
 Acq: 04 Jul 2019 08:15

Tgt Ion: 56 Resp: 282
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#





#14

Allvl chloride

Concen: 2.228 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

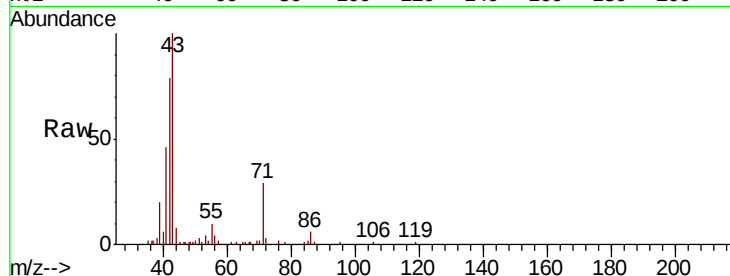
Tot Ion: 41 Resp: 6655

Ion Ratio Lower Upper

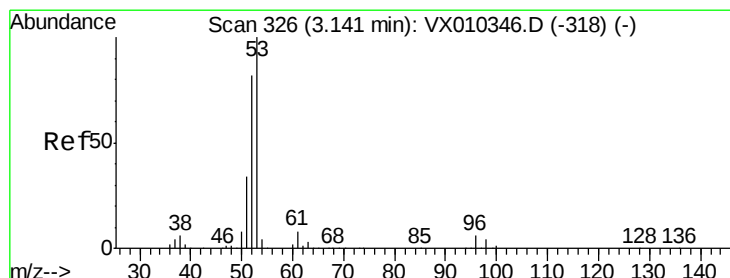
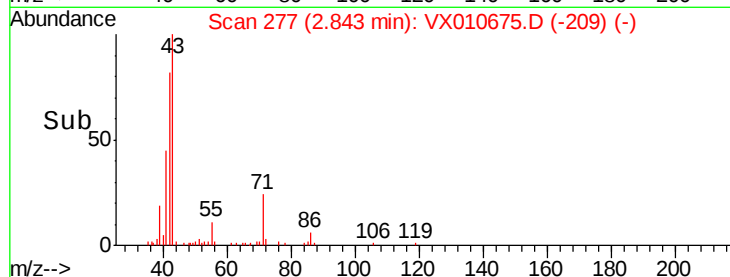
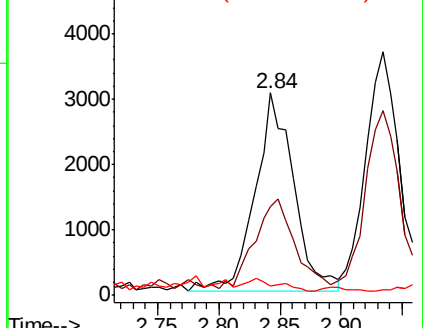
41 100

39 51.2 50.3 75.5

76 5.5 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: 1.352 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

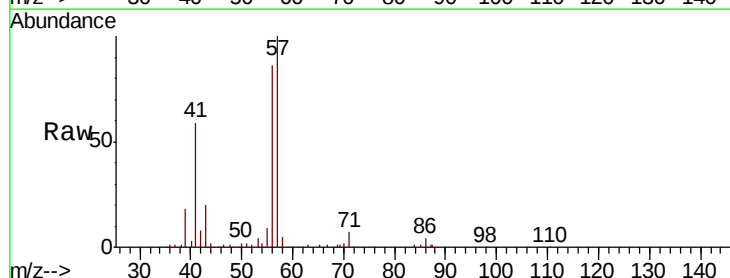
Tgt Ion: 53 Resp: 1594

Ion Ratio Lower Upper

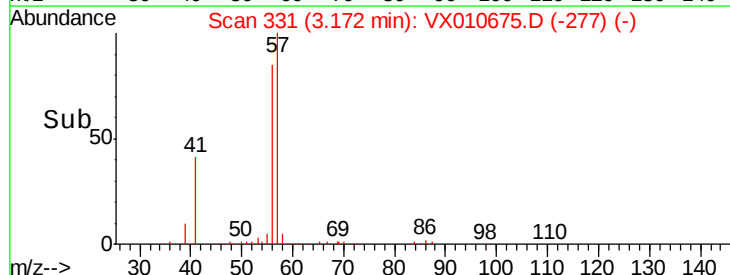
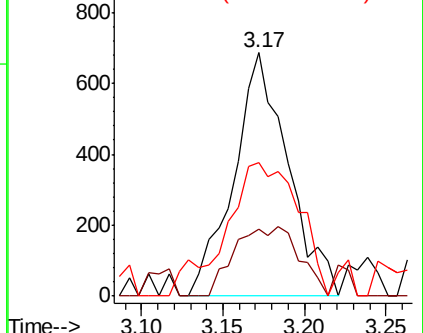
53 100

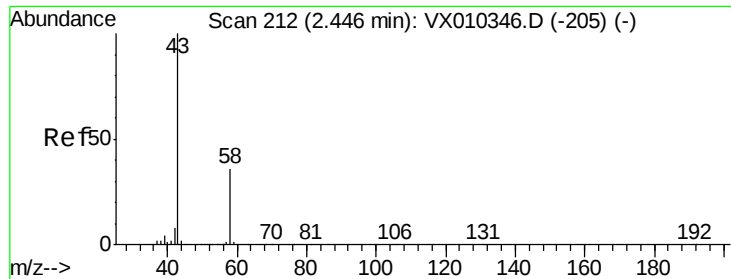
52 33.8 65.5 98.3#

51 74.2 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: 1.678 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

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ClientSampleId :

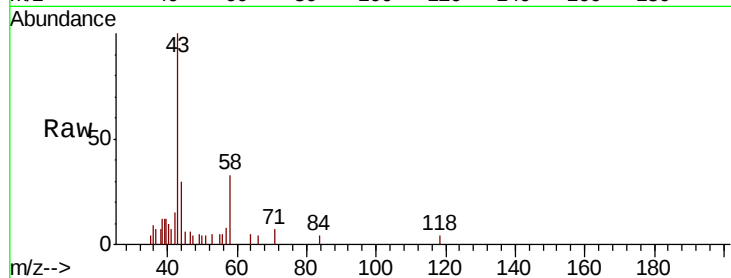
FL-0580

Tot Ion: 43 Resp: 1914

Ion Ratio Lower Upper

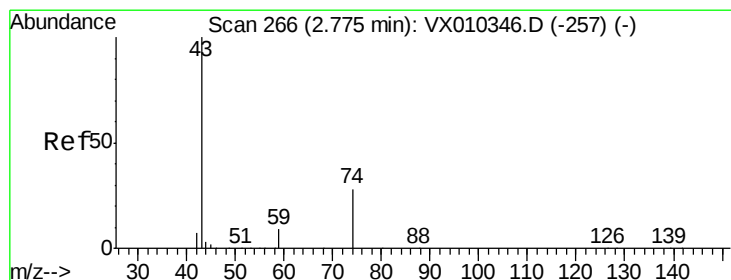
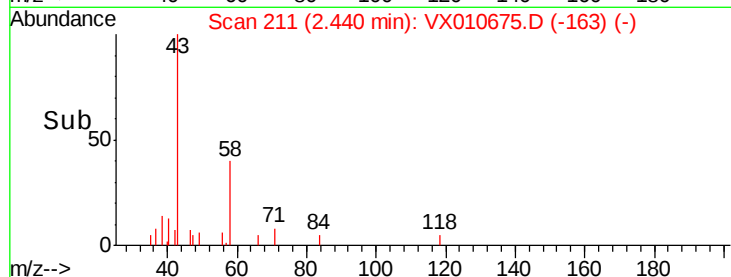
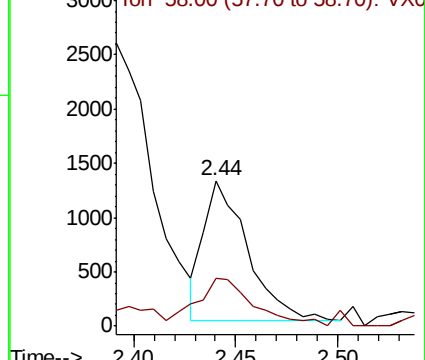
43 100

58 23.0 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: 7.008 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010675.D

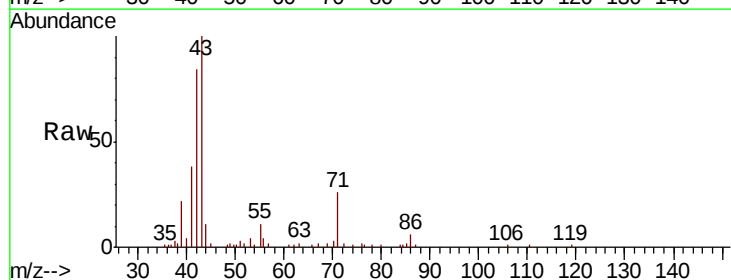
Acq: 04 Jul 2019 08:15

Tgt Ion: 43 Resp: 15930

Ion Ratio Lower Upper

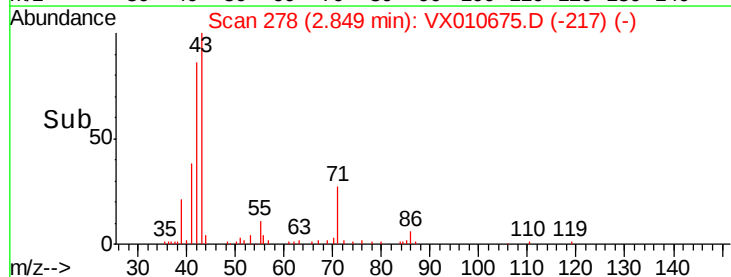
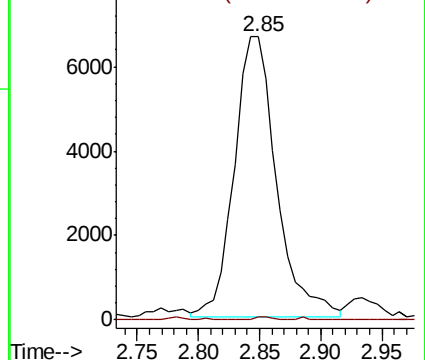
43 100

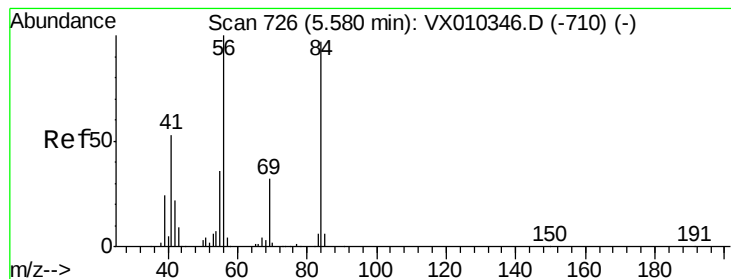
74 0.4 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#31

Cyclohexane

Concen: 13.619 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

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ClientSampleId :

FL-0580

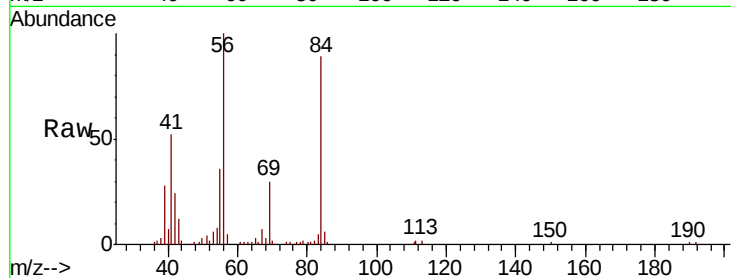
Tot Ion: 56 Resp: 44766

Ion Ratio Lower Upper

56 100

69 29.9 25.9 38.9

84 89.8 78.0 117.0

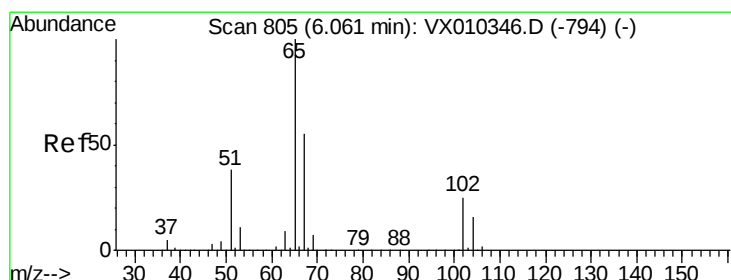
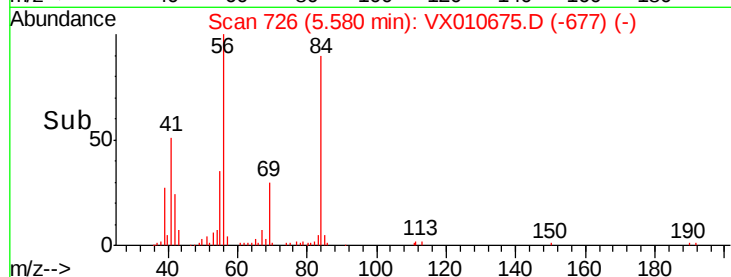
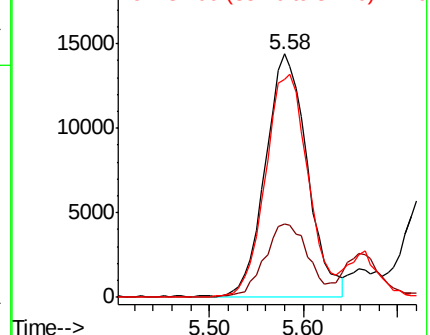


Abundance

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: 52.421 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010675.D

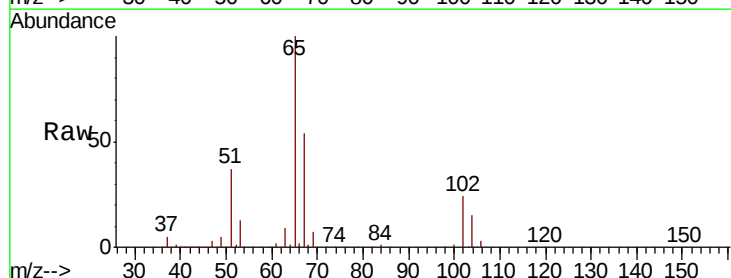
Acq: 04 Jul 2019 08:15

Tgt Ion: 65 Resp: 119289

Ion Ratio Lower Upper

65 100

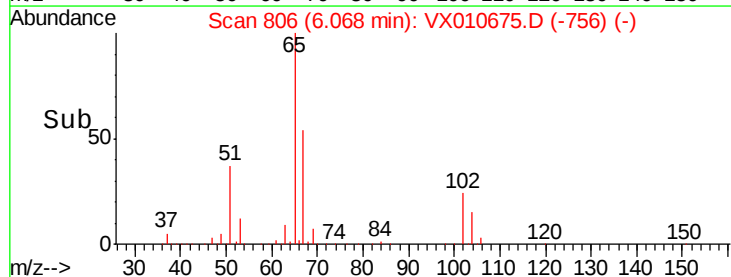
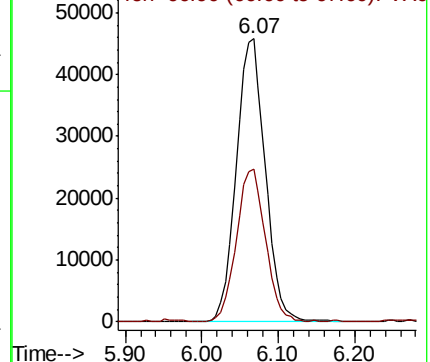
67 54.0 0.0 110.2

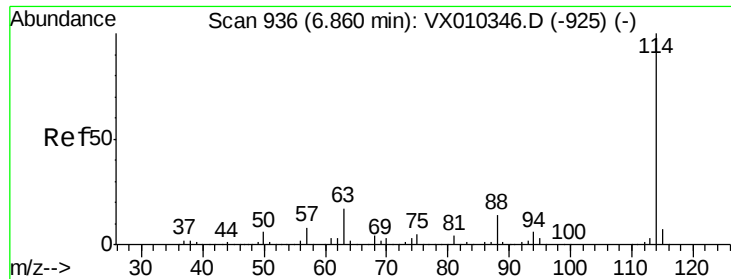


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

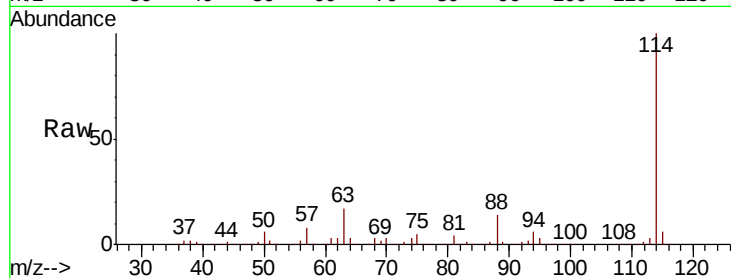




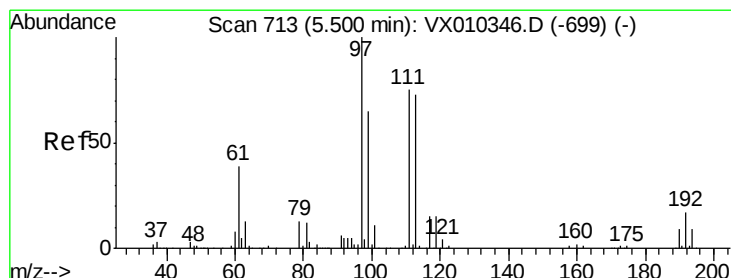
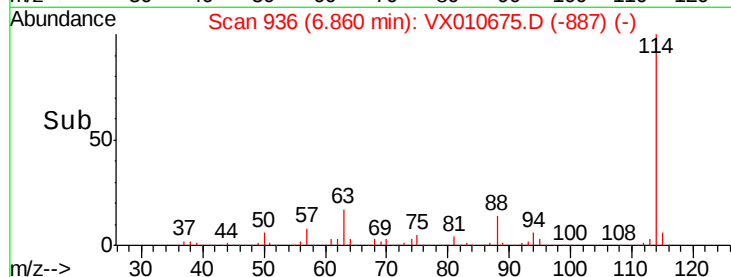
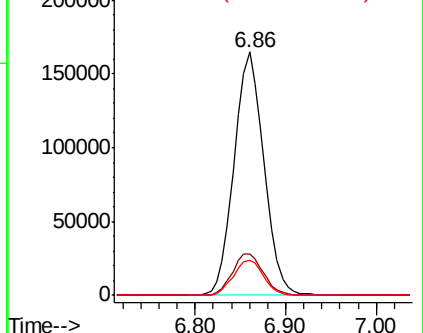
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tot Ion:114 Resp: 376287
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.8
88 14.4 0.0 27.6

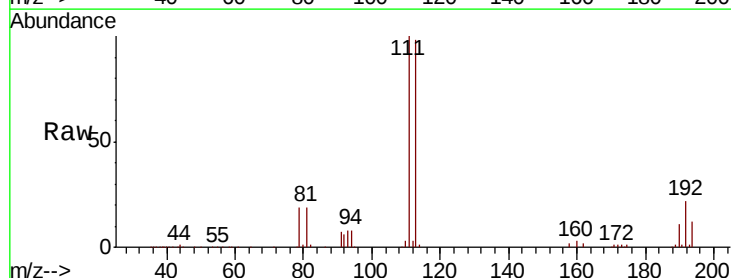


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

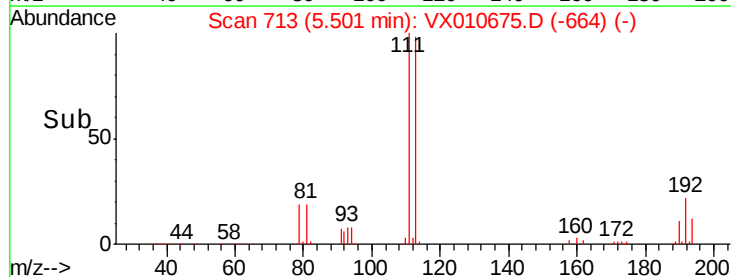
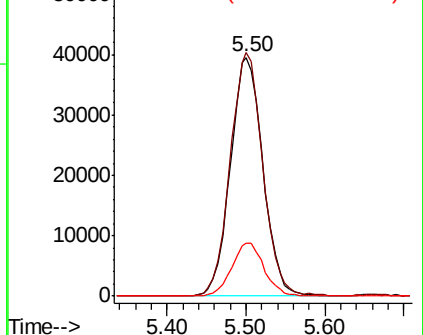


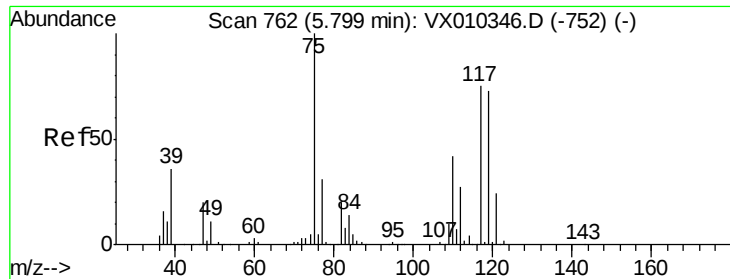
#35
Dibromofluoromethane
Concen: 49.212 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion:113 Resp: 113299
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 22.1 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

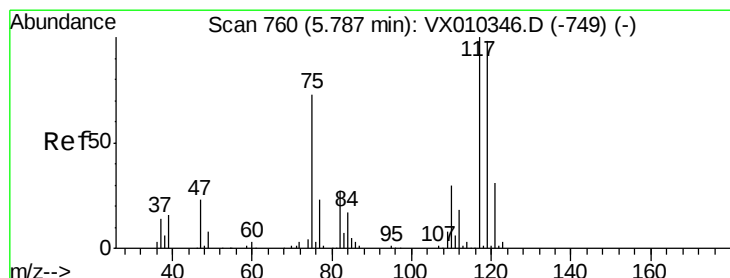
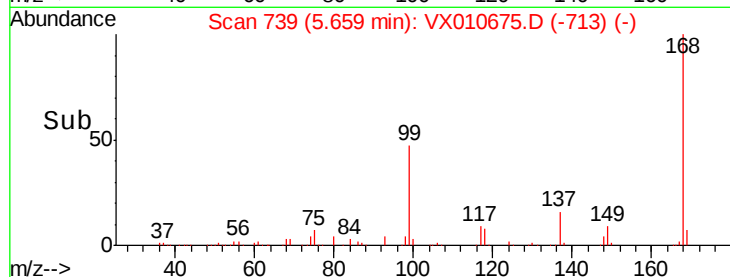
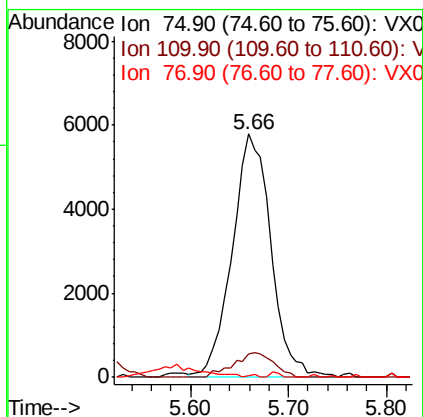
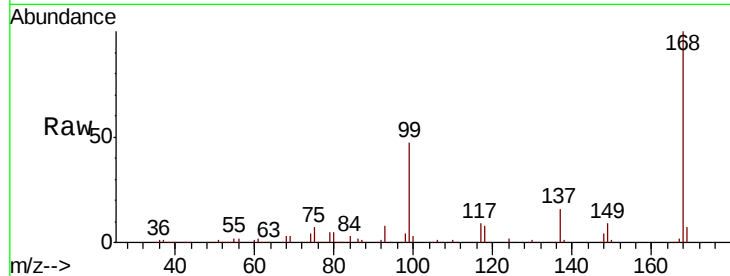




#36
 1,1-Dichloropropene
 Concen: 5.321 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010675.D
 Acq: 04 Jul 2019 08:15

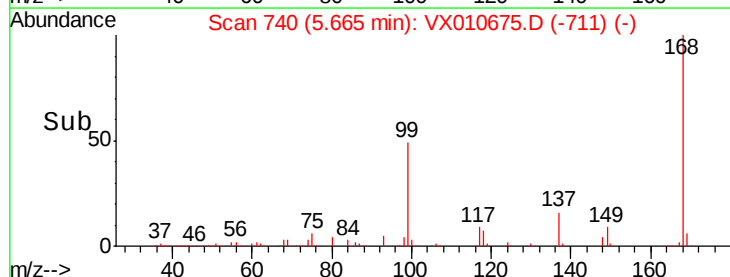
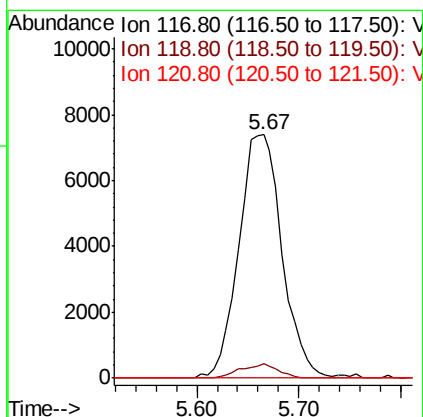
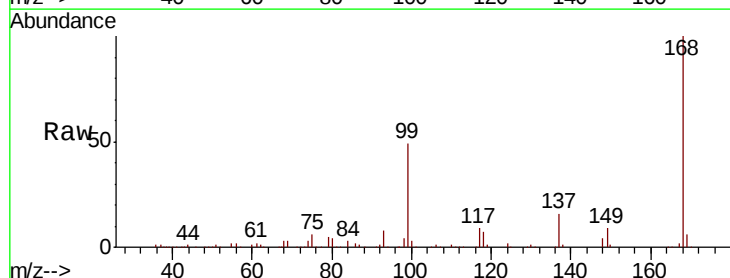
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580

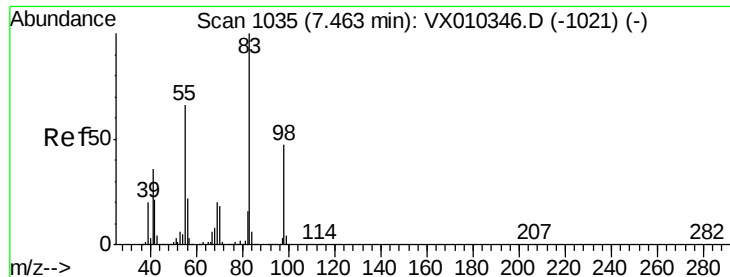
Tot Ion	75	Resp	15912
Ion Ratio	100	Lower	Upper
75	100		
110	10.4	20.8	62.2#
77	0.2	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.707 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010675.D
 Acq: 04 Jul 2019 08:15

Tgt Ion	117	Resp	21716
Ion Ratio	100	Lower	Upper
117	100		
119	6.0	78.2	117.4#
121	0.0	24.7	37.1#

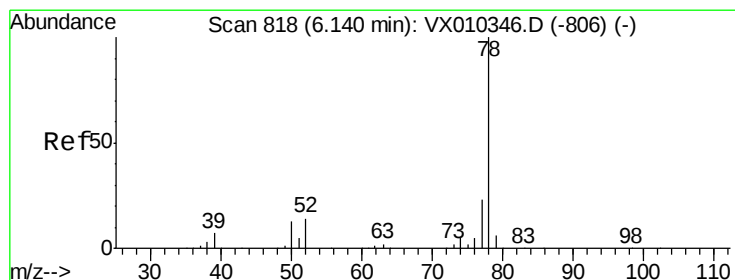
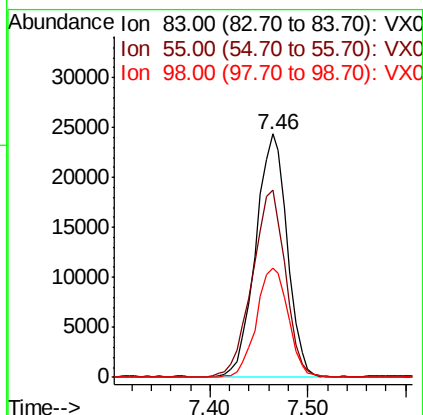
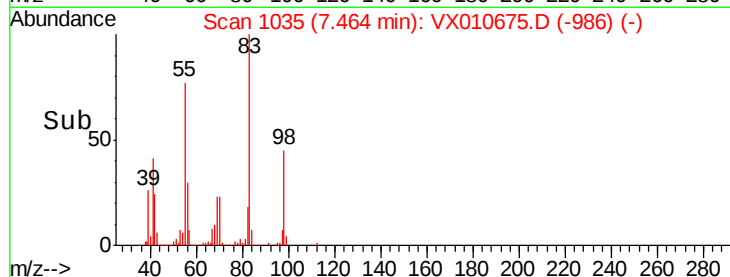
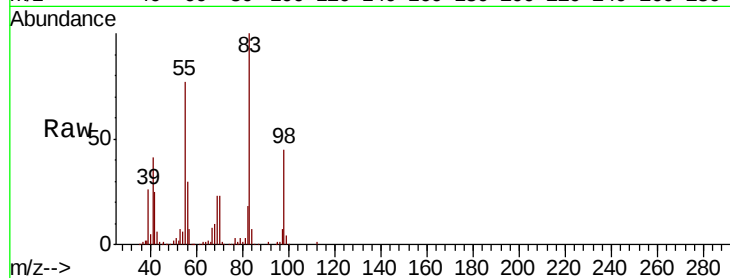




#39
Methvlcvclohexane
Concen: 14.045 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

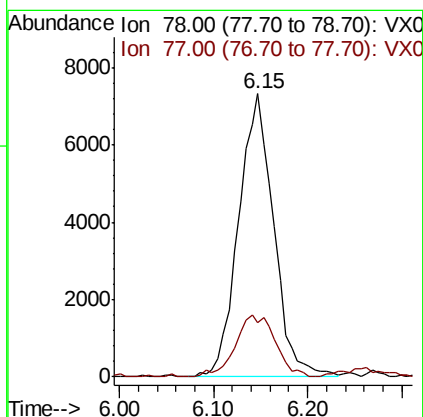
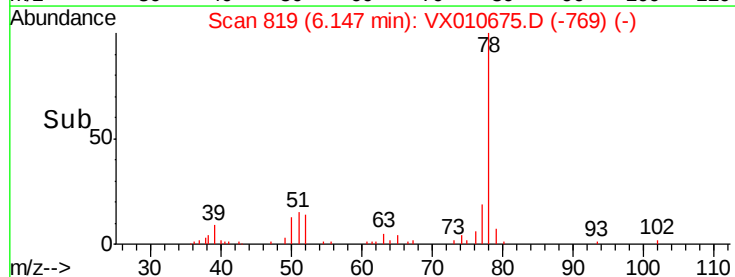
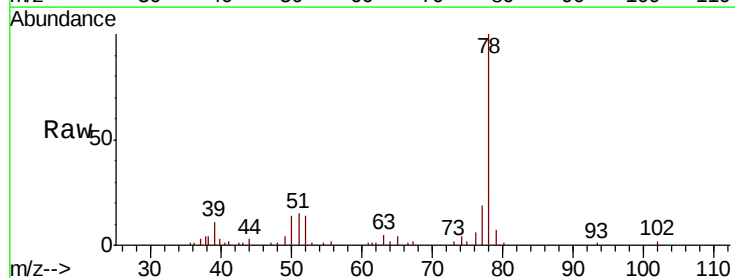
Instrument :
MSVOA_X
ClientSampleId :
FL-0580

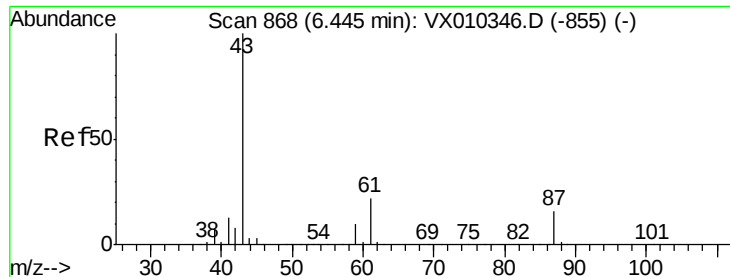
Tot Ion: 83 Resp: 55206
Ion Ratio Lower Upper
83 100
55 77.0 53.0 79.6
98 45.1 37.8 56.8



#40
Benzene
Concen: 2.045 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion: 78 Resp: 19051
Ion Ratio Lower Upper
78 100
77 19.1 18.6 28.0





#43

Isopropyl Acetate

Concen: 0.408 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampled :

FL-0580

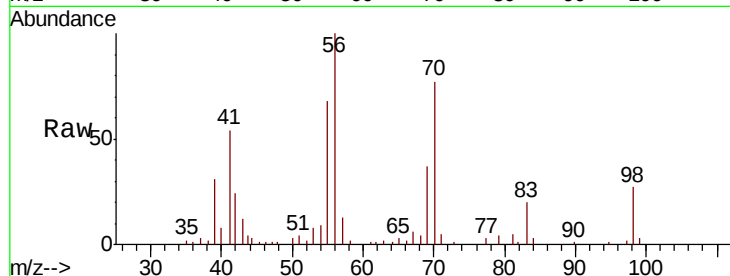
Tot Ion: 43 Resp: 2075

Ion Ratio Lower Upper

43 100

61 7.4 17.8 26.6#

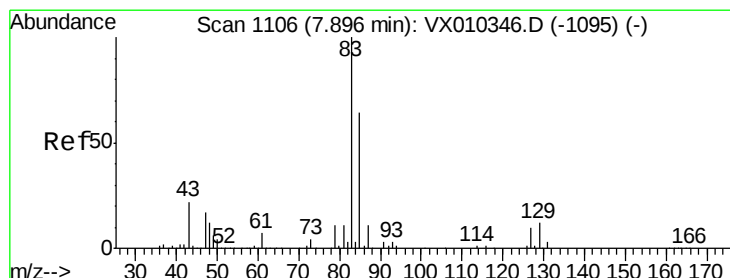
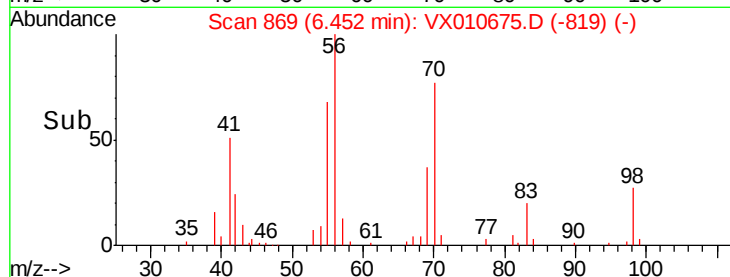
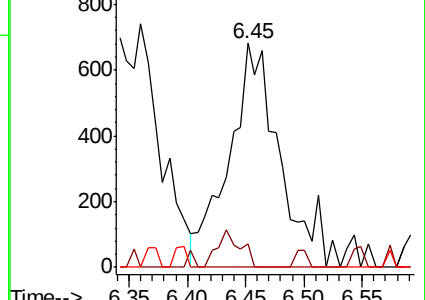
87 0.0 13.0 19.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#47

Bromodichloromethane

Concen: 0.220 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

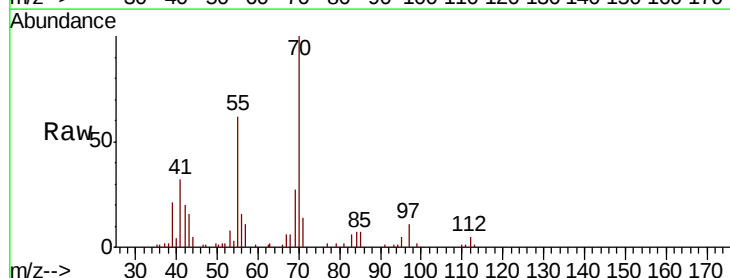
Tgt Ion: 83 Resp: 681

Ion Ratio Lower Upper

83 100

85 123.6 51.5 77.3#

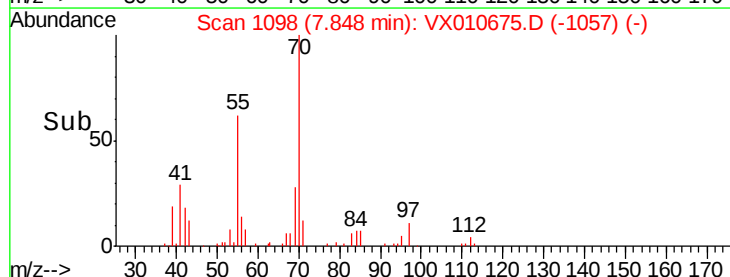
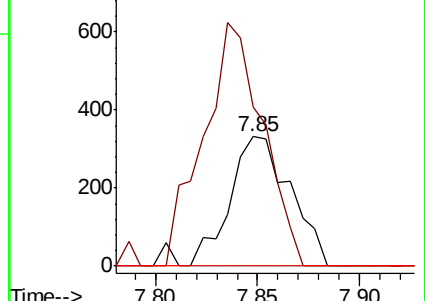
127 0.0 7.8 11.8#

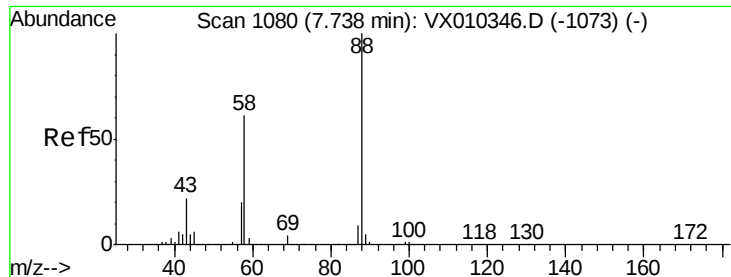


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

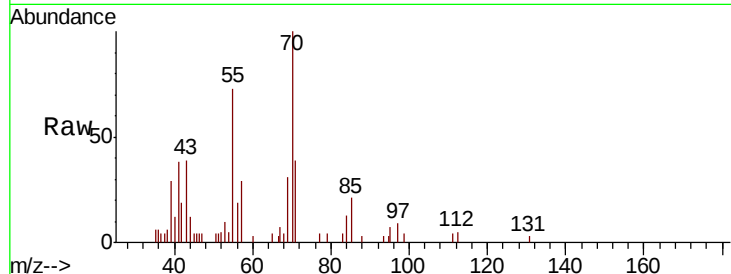




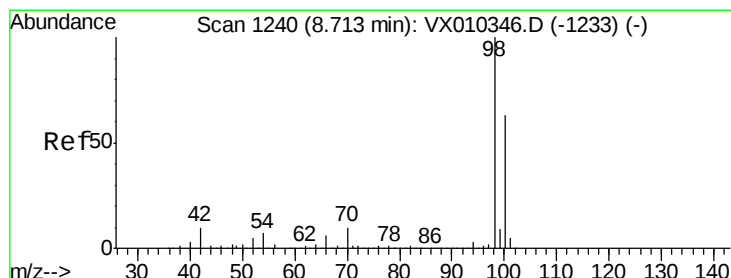
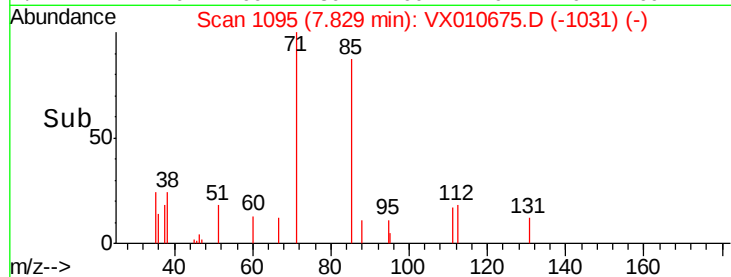
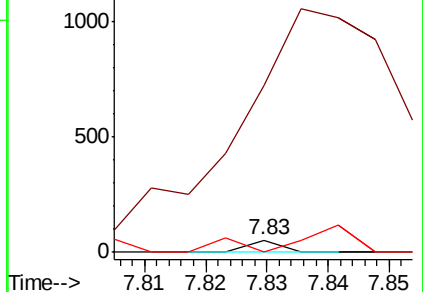
#49
1,4-Dioxane
Concen: 0.279 ug/l
RT: 7.83 min Scan# 1095
Delta R.T. 0.09 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 13273.7 20.2 30.2#
58 452.6 49.5 74.3#

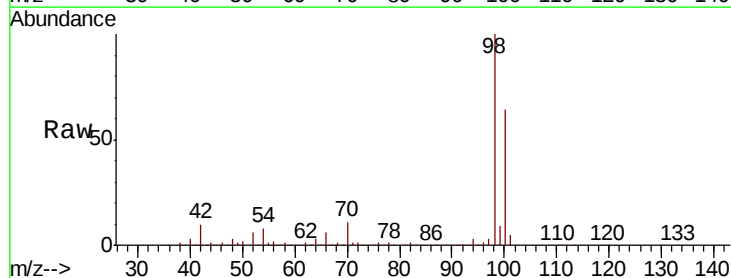


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

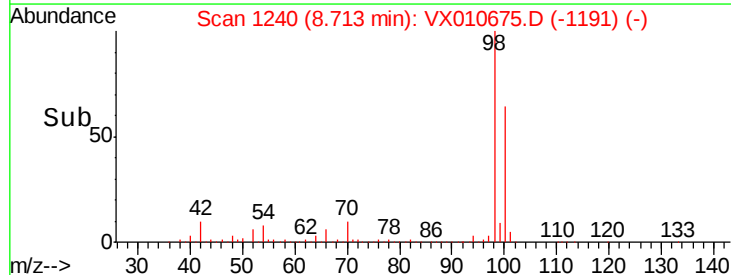
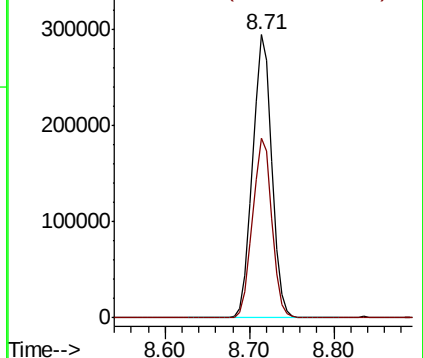


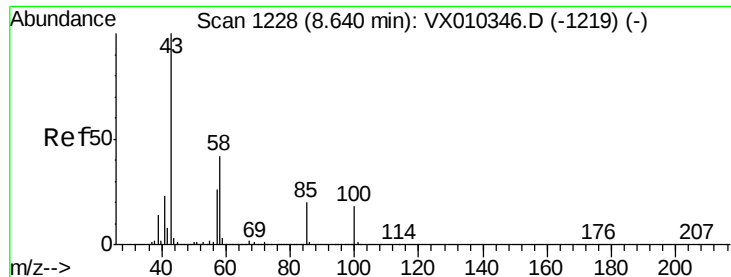
#50
Toluene-d8
Concen: 51.471 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion: 98 Resp: 453354
Ion Ratio Lower Upper
98 100
100 63.8 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: 0.469 ug/l

RT: 8.67 min Scan# 1233

Delta R.T. 0.03 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampled :

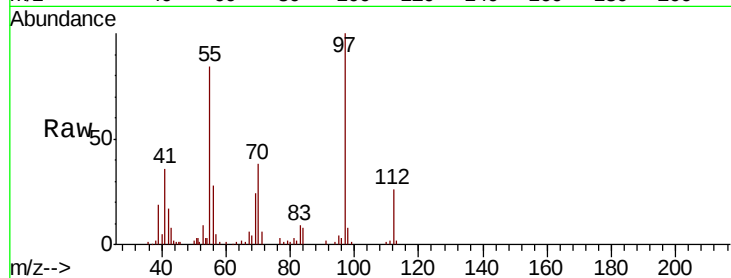
FL-0580

Tot Ion: 43 Resp: 1528

Ion Ratio Lower Upper

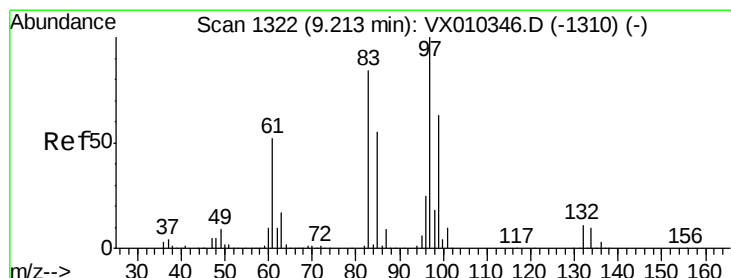
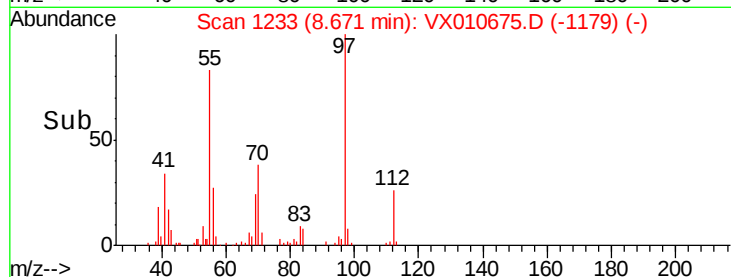
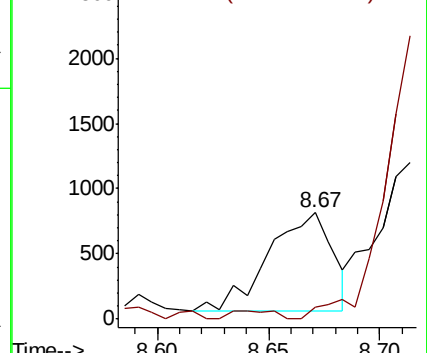
43 100

58 0.0 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 6.731 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Tgt Ion: 97 Resp: 17031

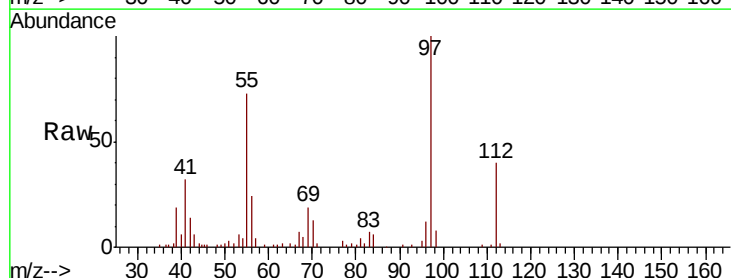
Ion Ratio Lower Upper

97 100

83 6.9 67.4 101.0#

85 0.0 43.8 65.8#

99 0.0 50.3 75.5#

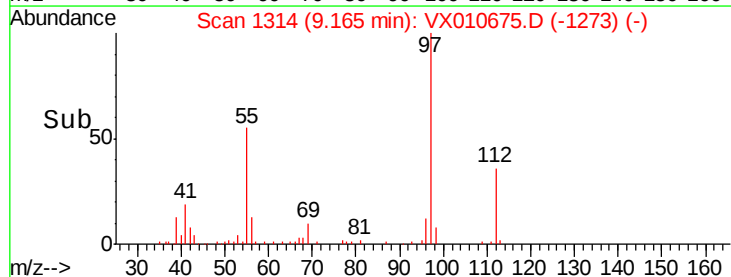
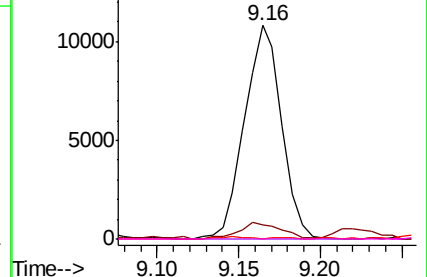


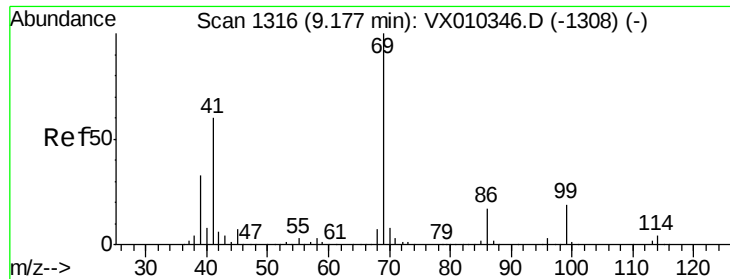
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.940 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

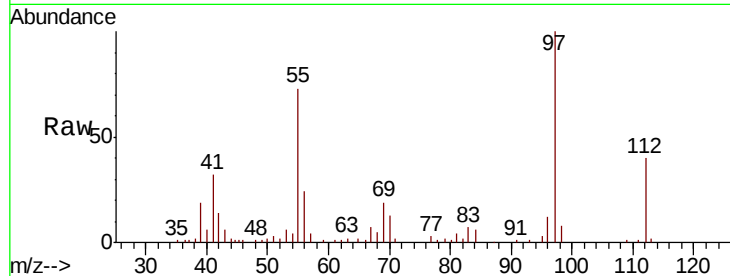
Tot Ion: 69 Resp: 3603

Ion Ratio Lower Upper

69 100

41 153.7 47.1 70.7#

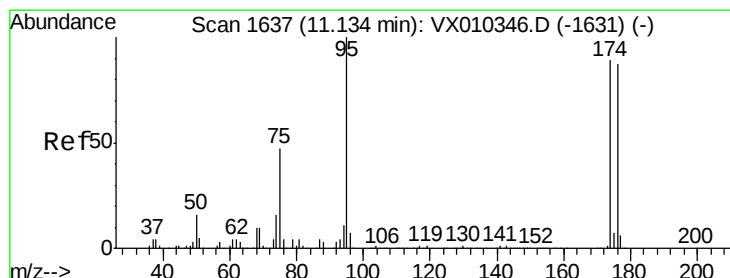
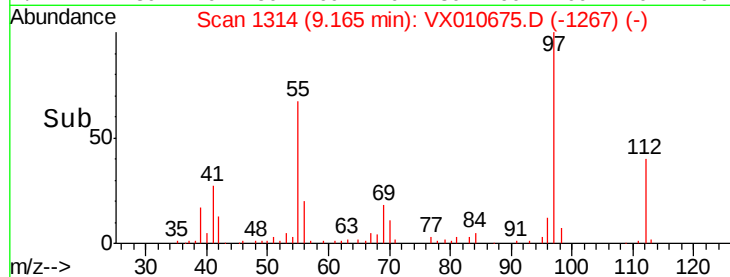
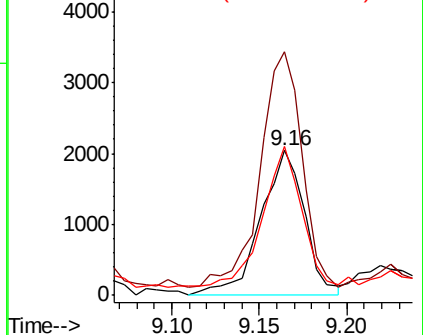
39 84.1 26.6 40.0#



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: 48.905 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

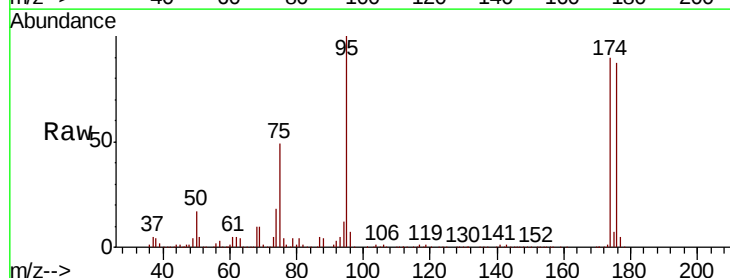
Tgt Ion: 95 Resp: 155514

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.6

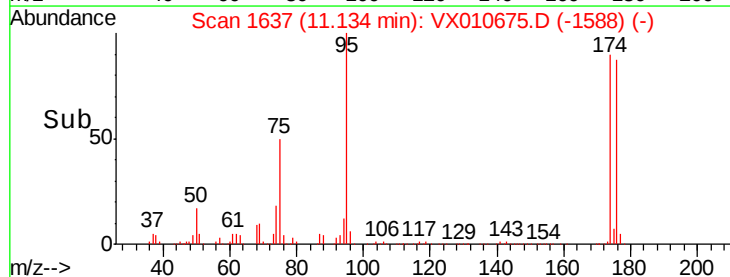
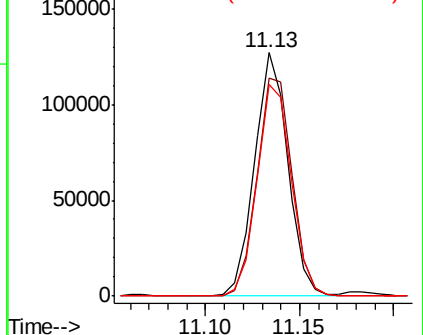
176 90.3 0.0 184.0

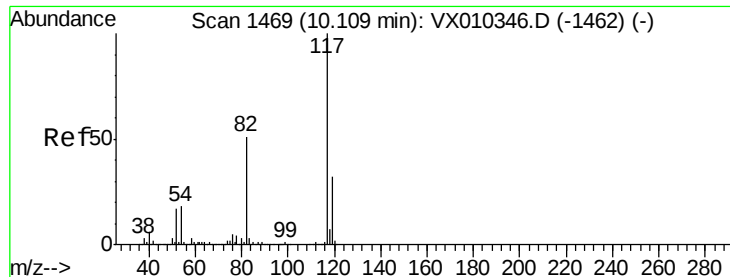


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

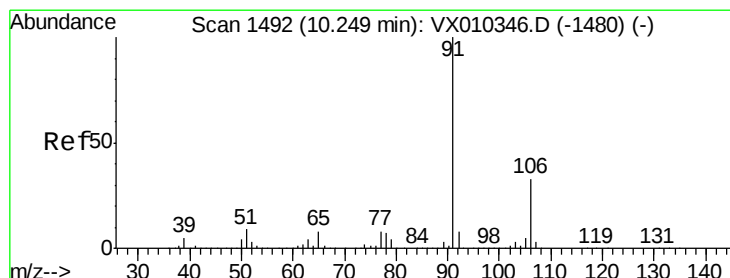
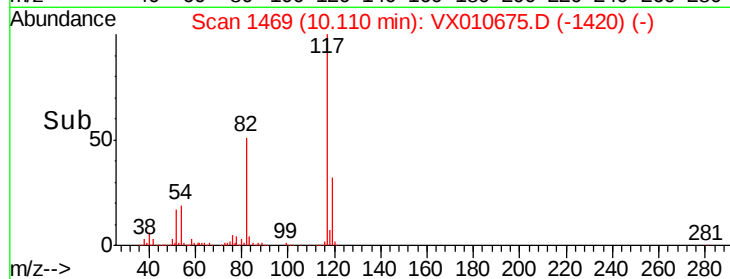
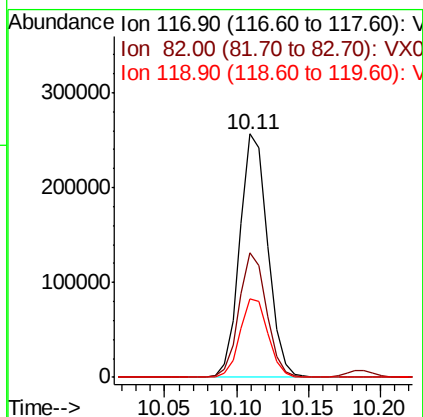
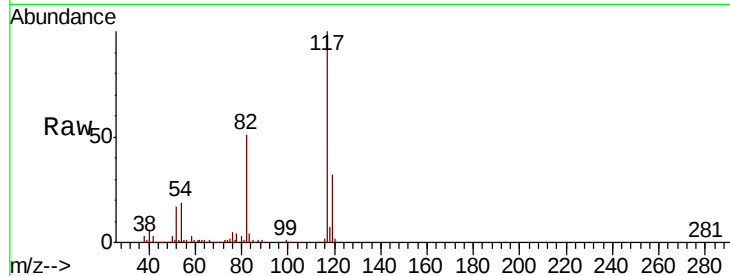




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

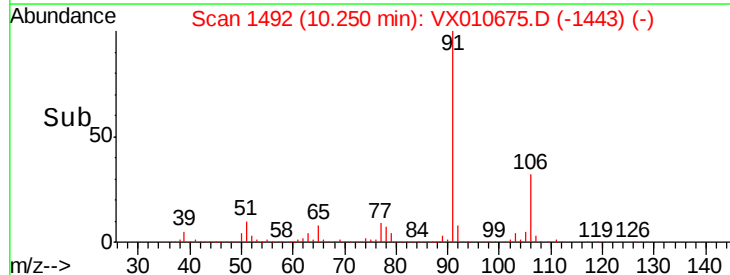
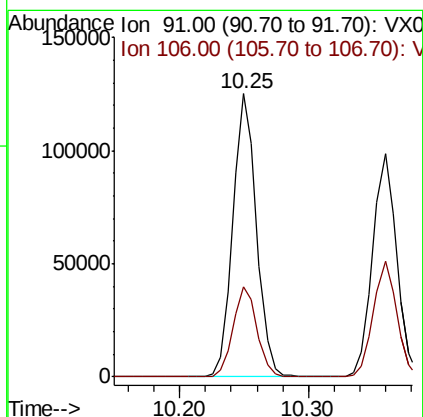
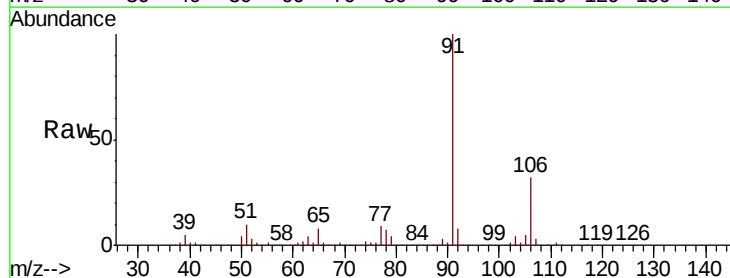
Instrument :
MSVOA_X
ClientSampleId :
FL-0580

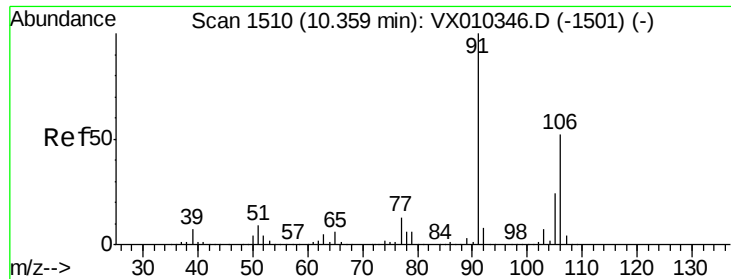
Tot Ion:117 Resp: 345126
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 13.555 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion: 91 Resp: 160346
Ion Ratio Lower Upper
91 100
106 31.6 26.2 39.2

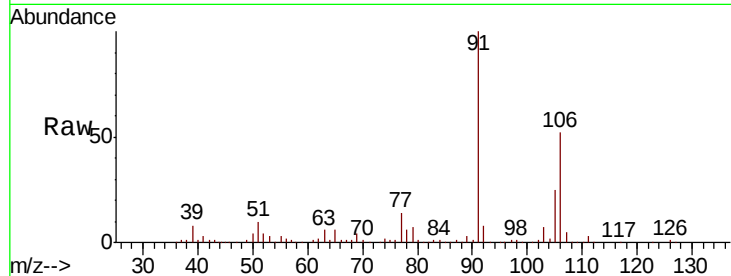




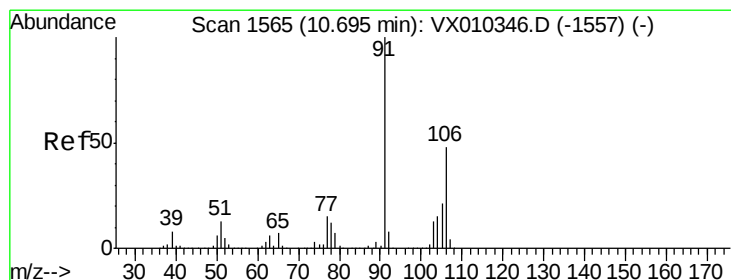
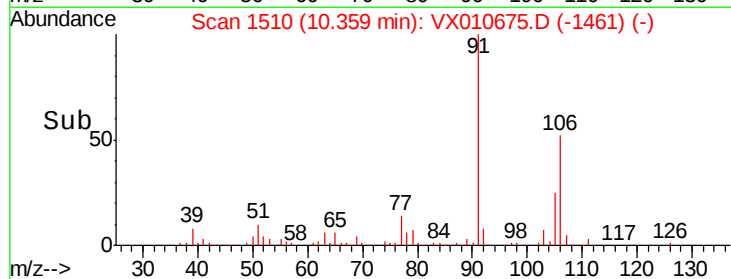
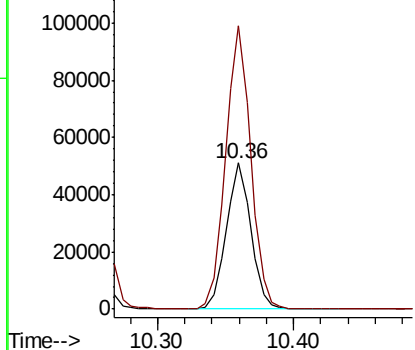
#68
m/p-Xylenes
Concen: 13.986 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tot Ion:106 Resp: 64104
Ion Ratio Lower Upper
106 100
91 196.2 155.3 232.9

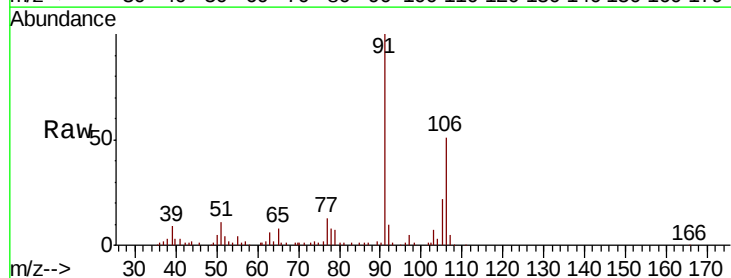


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

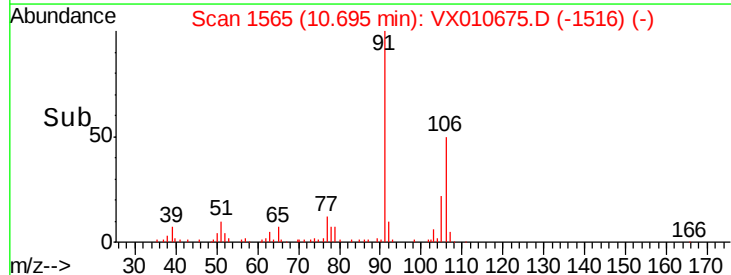
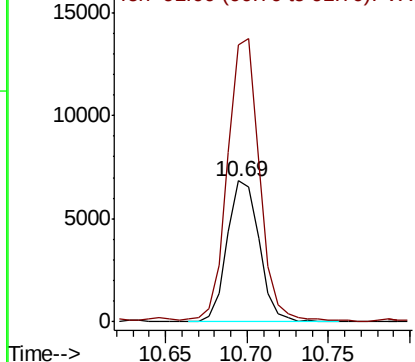


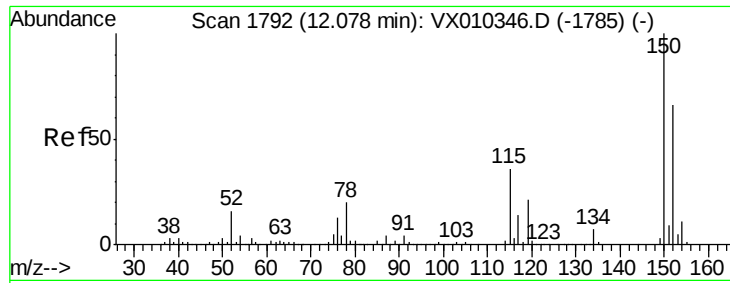
#69
o-Xylene
Concen: 2.080 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion:106 Resp: 9376
Ion Ratio Lower Upper
106 100
91 201.2 102.7 308.1



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: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

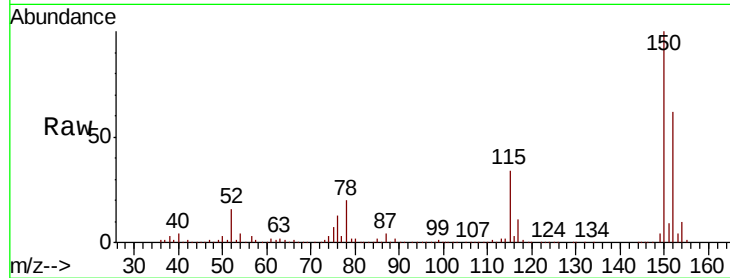
Tot Ion:152 Resp: 166839

Ion Ratio Lower Upper

152 100

115 58.1 38.6 115.7

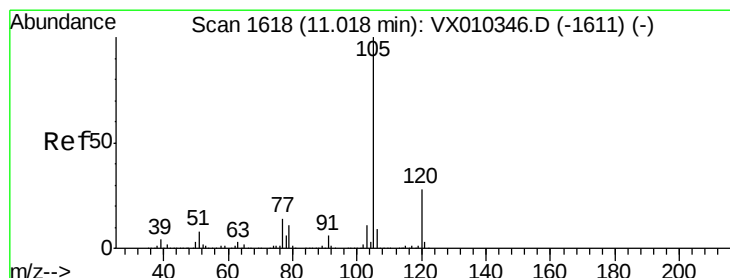
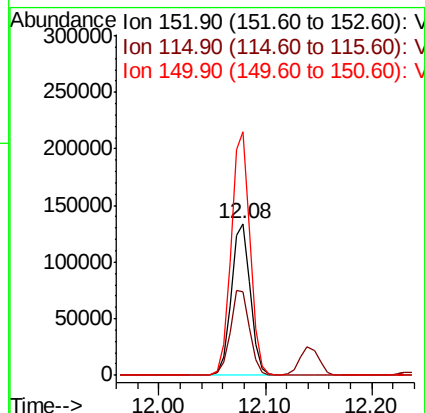
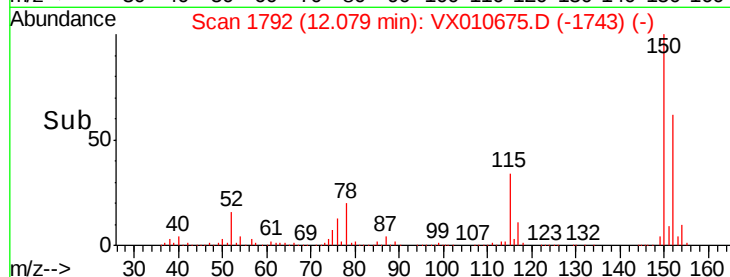
150 159.6 0.0 347.4



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: 8.669 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010675.D

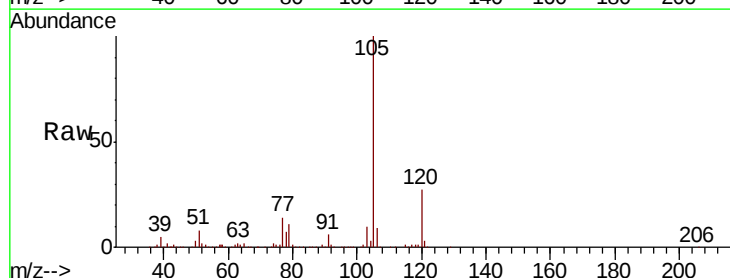
Acq: 04 Jul 2019 08:15

Tgt Ion:105 Resp: 98046

Ion Ratio Lower Upper

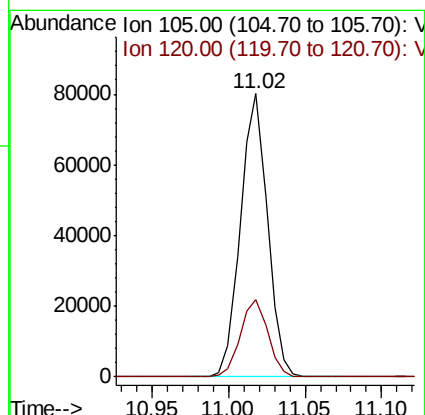
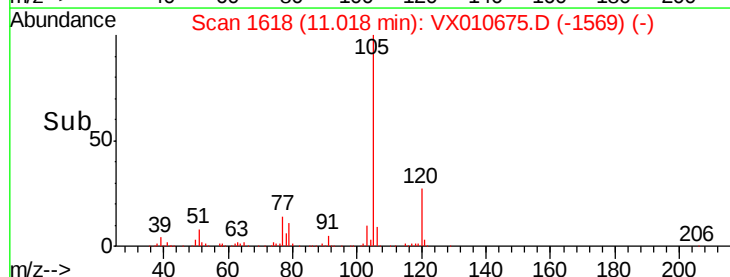
105 100

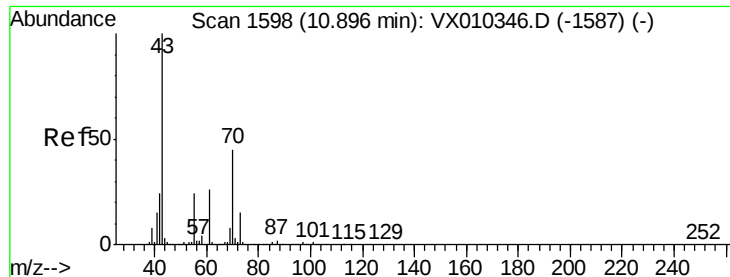
120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.735 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

Tot Ion: 43 Resp: 3143

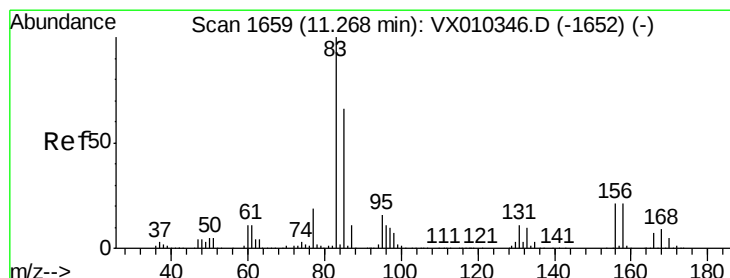
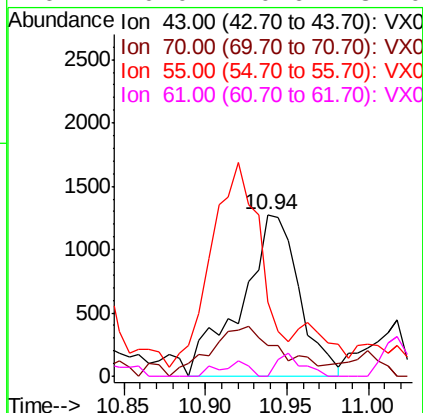
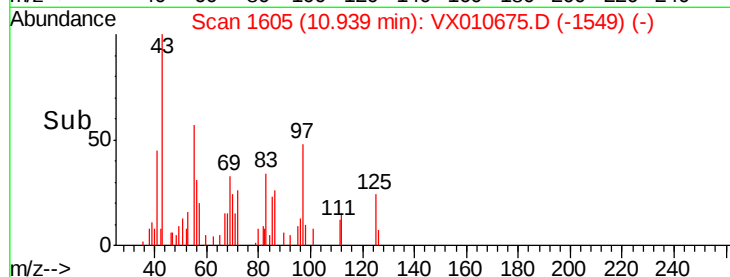
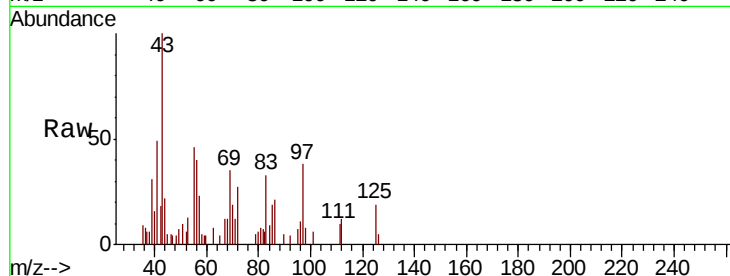
Ion Ratio Lower Upper

43 100

70 38.4 36.6 54.8

55 108.1 18.7 28.1#

61 0.0 20.6 31.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.343 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

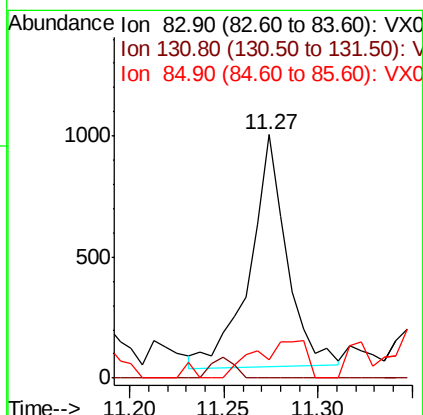
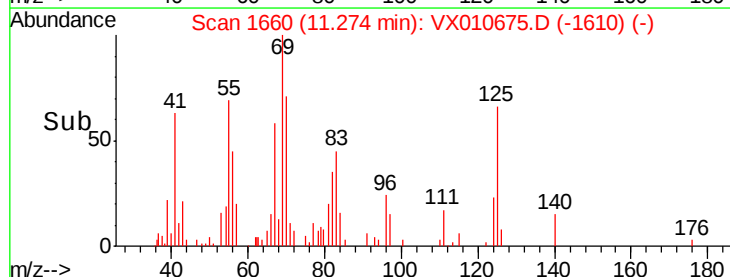
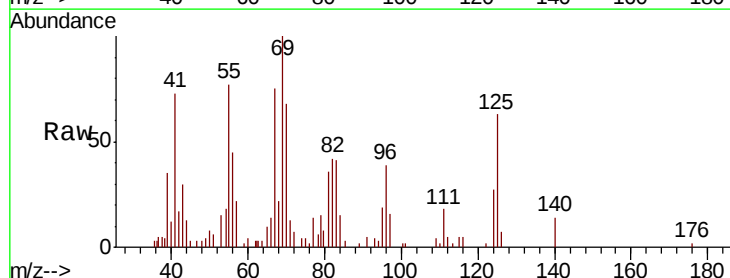
Tgt Ion: 83 Resp: 1285

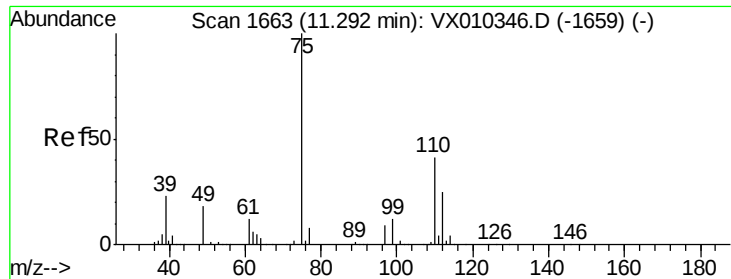
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 22.7 32.3 96.8#

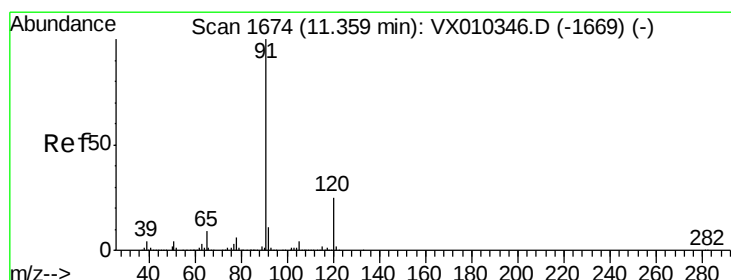
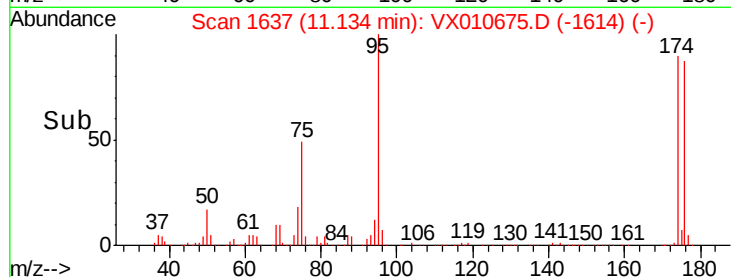
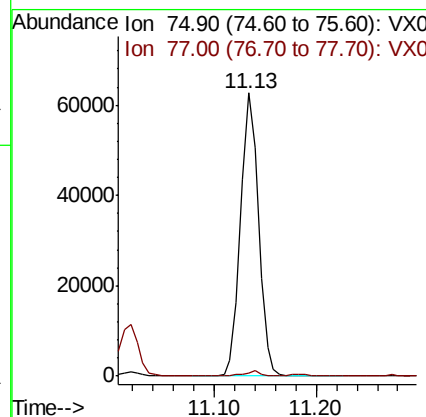
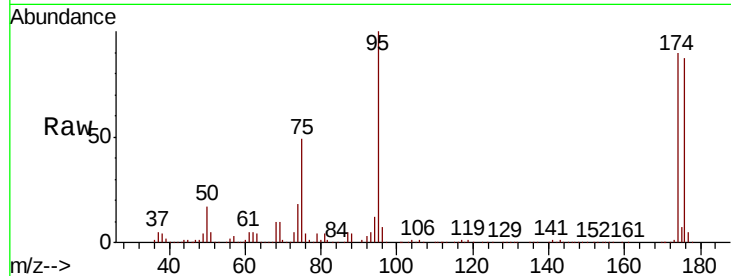




#76
1,2,3-Trichloropropane
Concen: 25.088 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

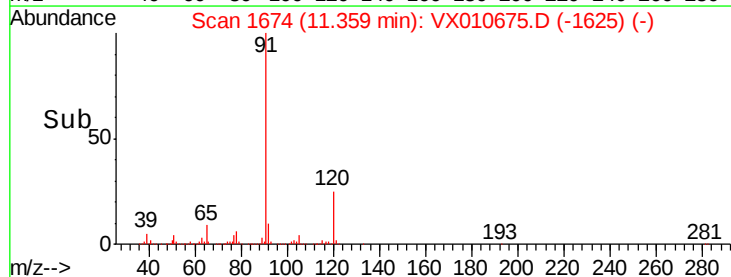
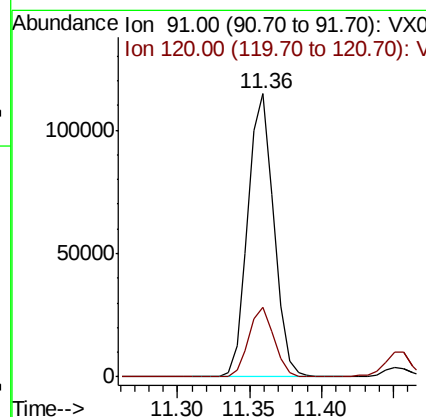
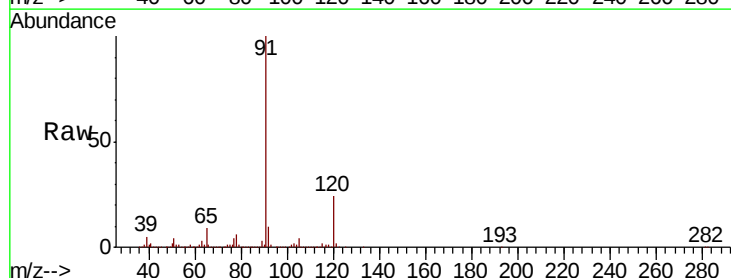
Instrument :
MSVOA_X
ClientSampleId :
FL-0580

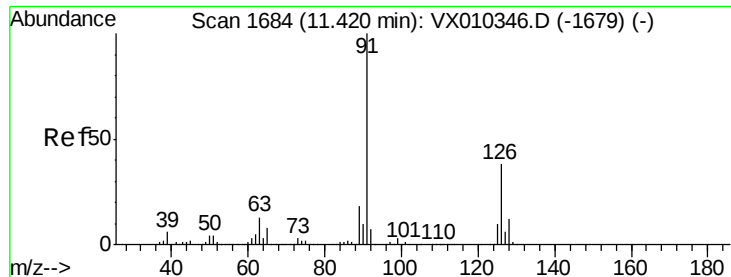
Tot Ion: 75 Resp: 76274
Ion Ratio Lower Upper
75 100
77 1.5 22.6 67.8#



#78
n-propylbenzene
Concen: 11.520 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion: 91 Resp: 143191
Ion Ratio Lower Upper
91 100
120 24.0 12.4 37.4





#79

2-Chlorotoluene

Concen: 0.660 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampleId :

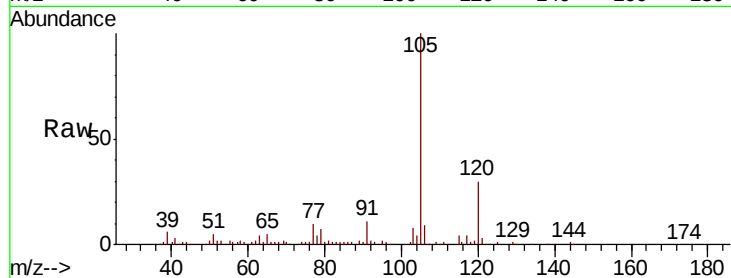
FL-0580

Tot Ion: 91 Resp: 4882

Ion Ratio Lower Upper

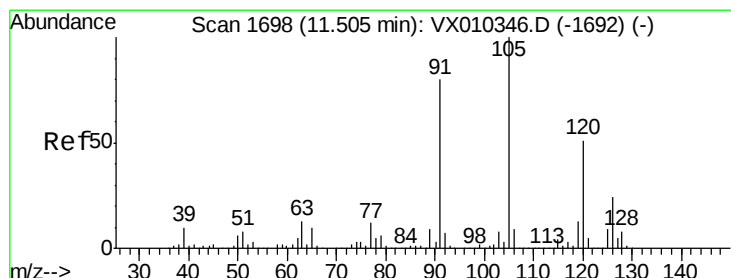
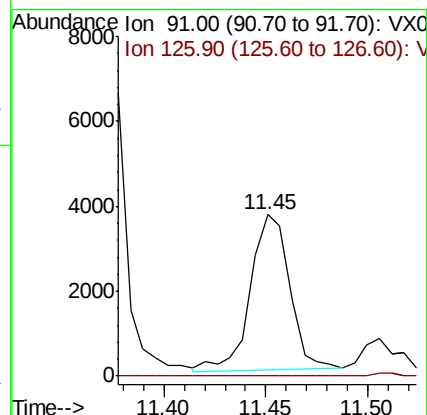
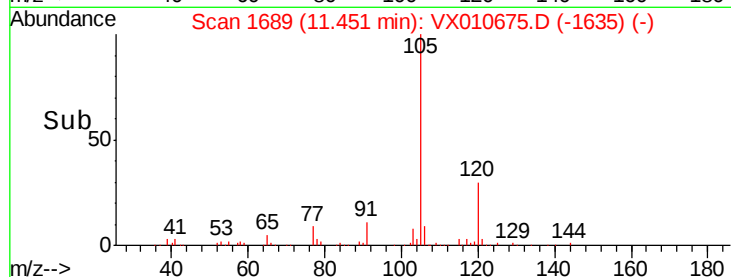
91 100

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: 7.543 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX010675.D

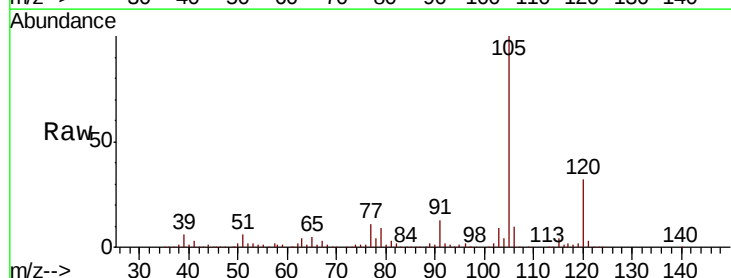
Acq: 04 Jul 2019 08:15

Tgt Ion:105 Resp: 70324

Ion Ratio Lower Upper

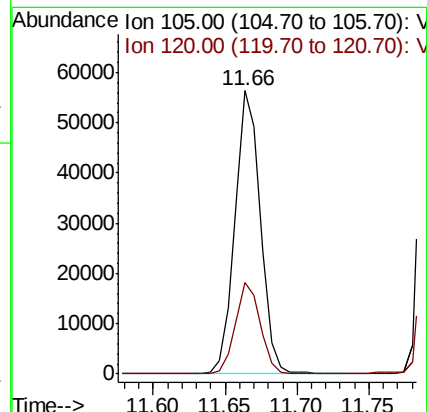
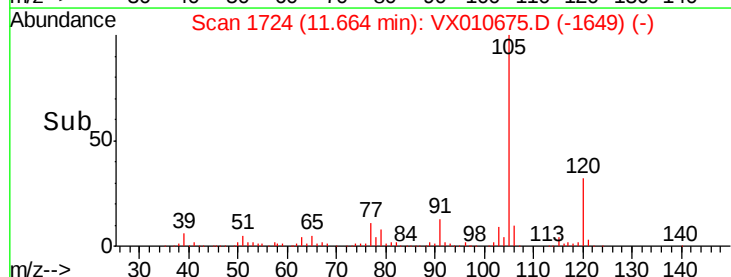
105 100

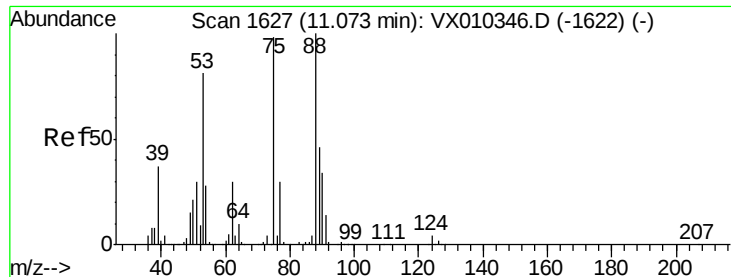
120 31.8 25.2 75.6



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: 58.528 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

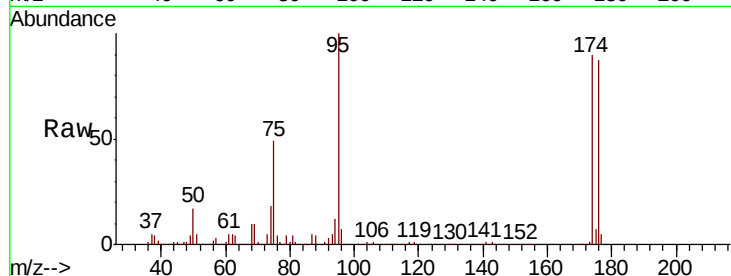
Tot Ion: 75 Resp: 76274

Ion Ratio Lower Upper

75 100

53 0.0 66.1 99.1#

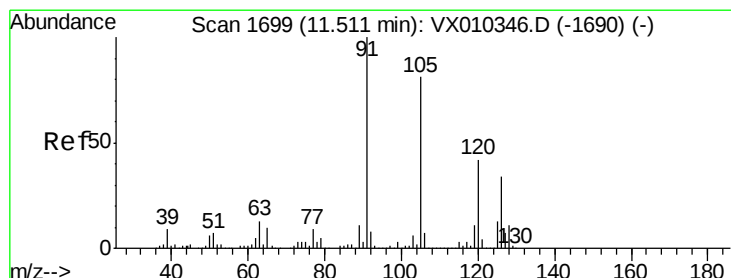
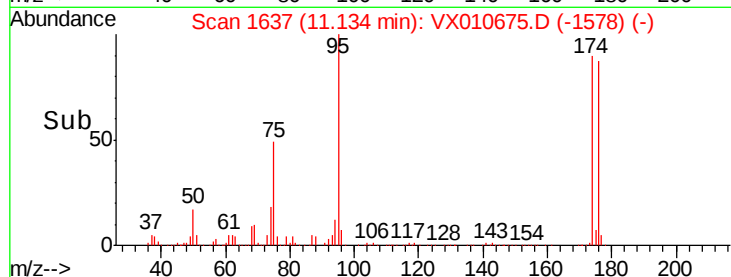
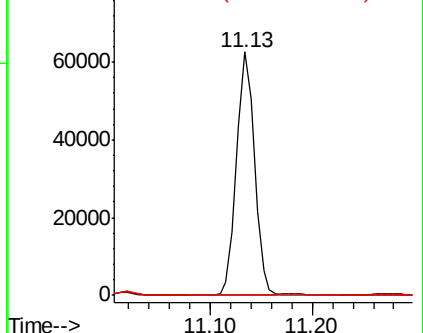
89 0.0 37.8 56.6#



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: 0.580 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.06 min

Lab File: VX010675.D

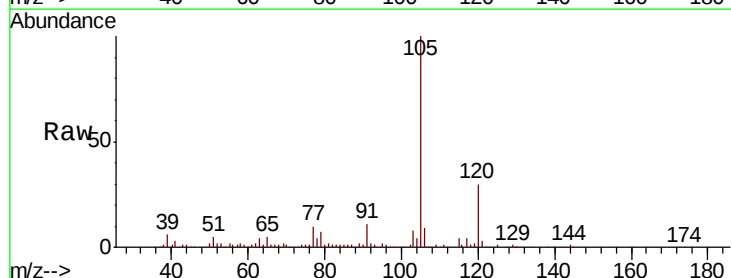
Acq: 04 Jul 2019 08:15

Tgt Ion: 91 Resp: 4882

Ion Ratio Lower Upper

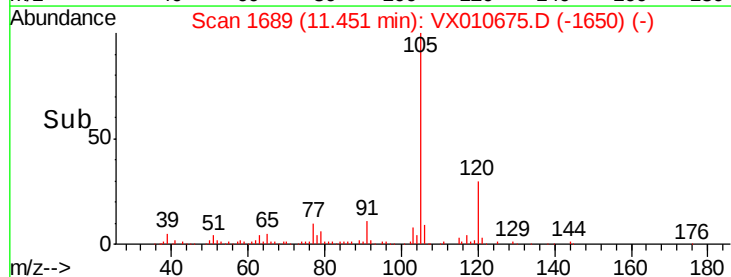
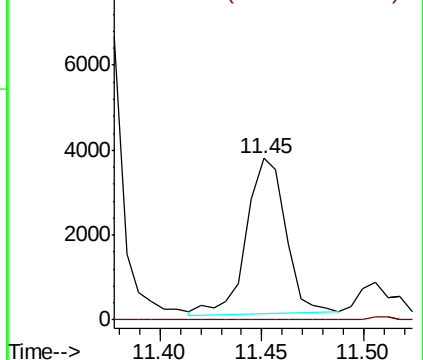
91 100

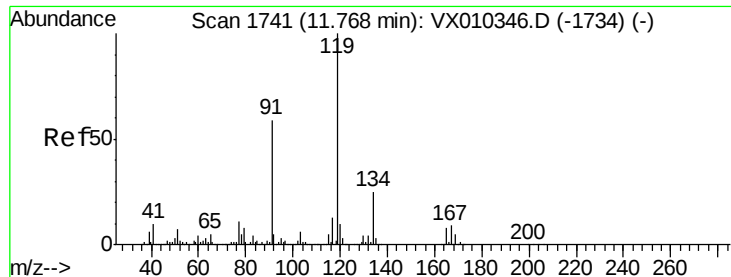
126 0.0 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.810 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

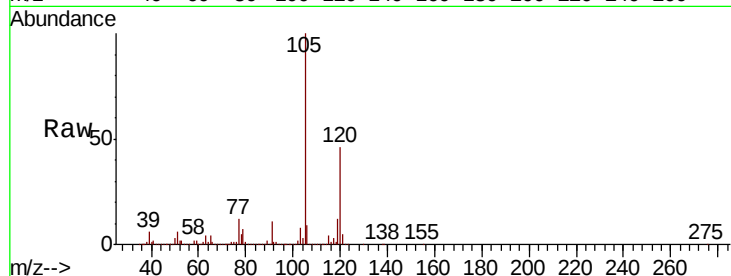
Tot Ion:119 Resp: 185375

Ion Ratio Lower Upper

119 100

91 85.1 27.6 82.7#

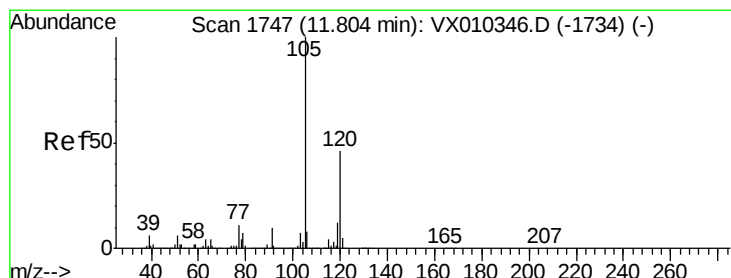
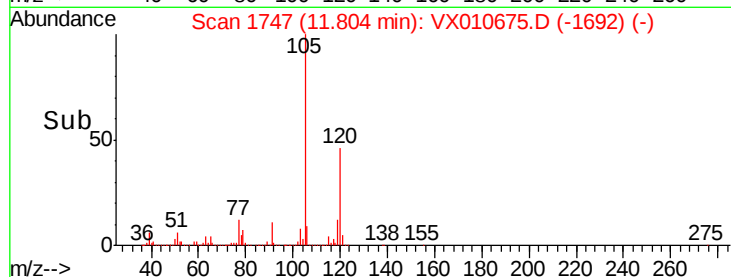
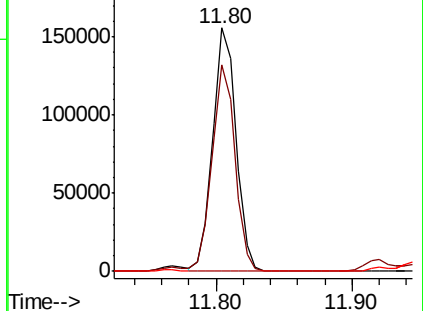
134 0.0 11.8 35.4#



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: 159.145 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010675.D

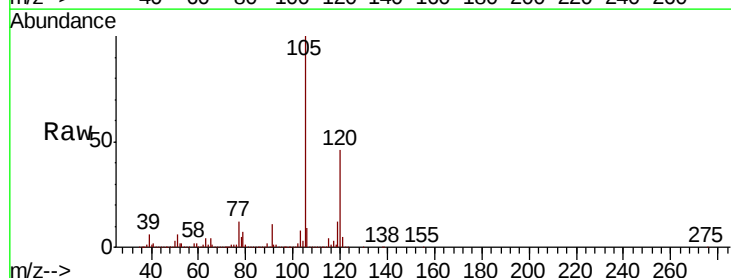
Acq: 04 Jul 2019 08:15

Tgt Ion:105 Resp: 1490730

Ion Ratio Lower Upper

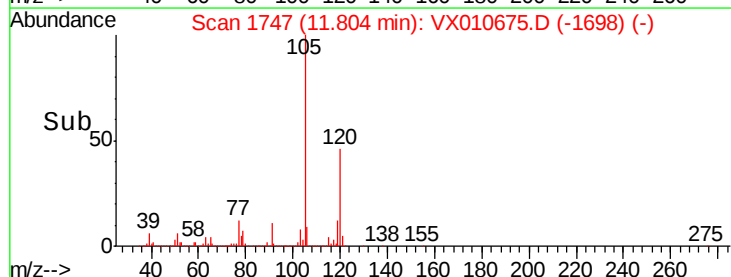
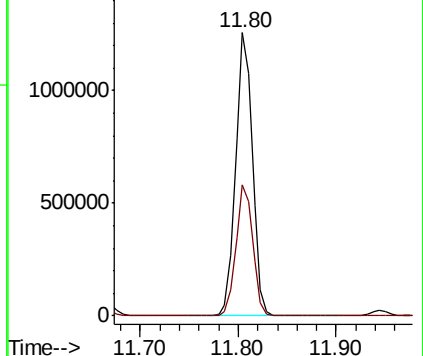
105 100

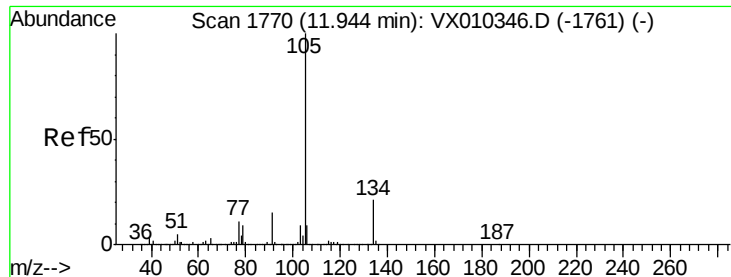
120 46.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 135.677 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampled :

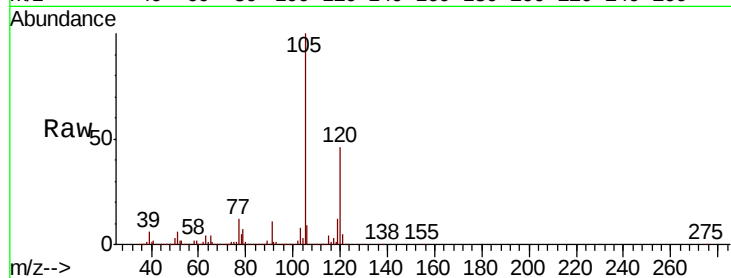
FL-0580

Tot Ion:105 Resp: 1490730

Ion Ratio Lower Upper

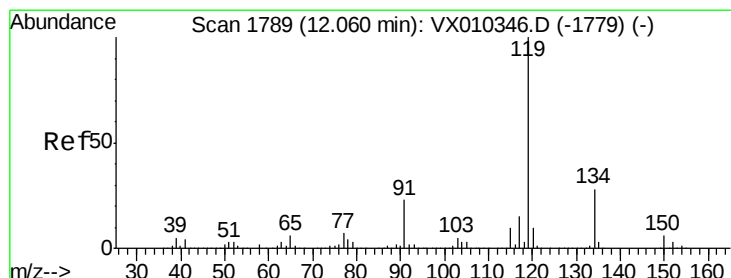
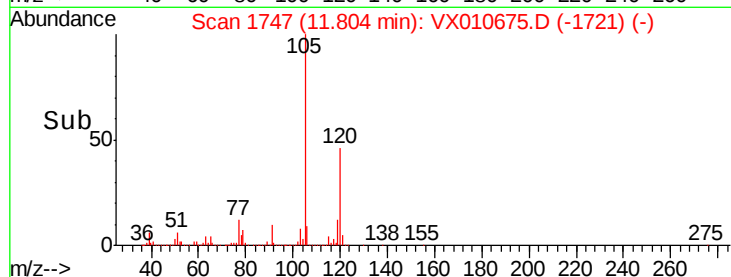
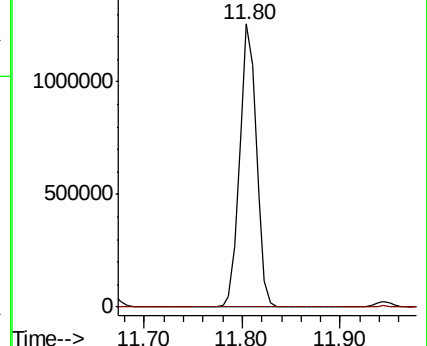
105 100

134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.604 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

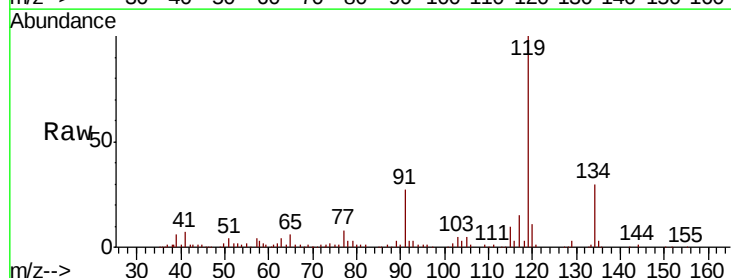
Tgt Ion:119 Resp: 26467

Ion Ratio Lower Upper

119 100

134 29.0 13.7 41.1

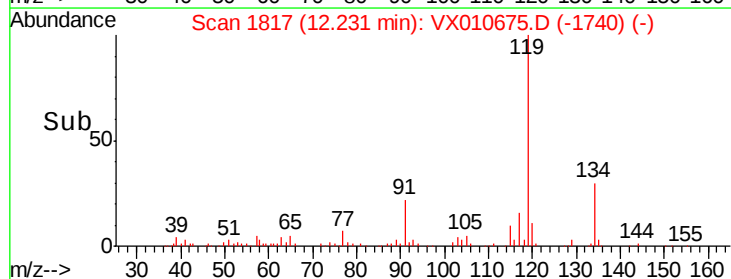
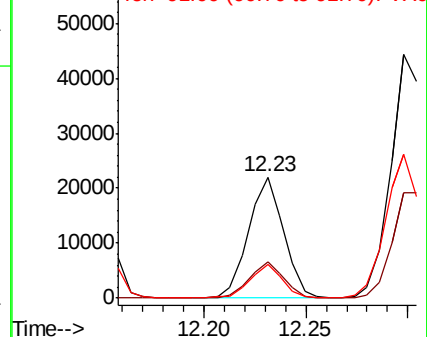
91 24.7 11.3 33.8

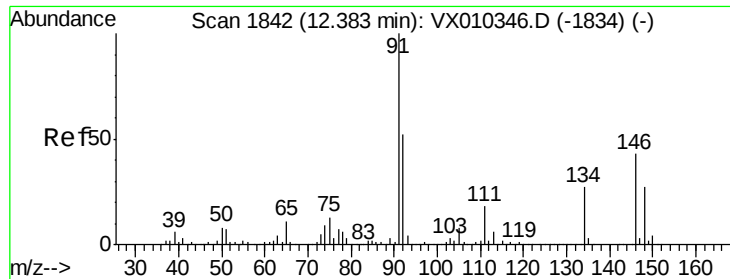


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

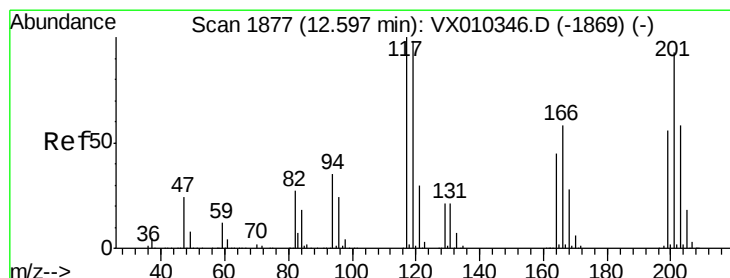
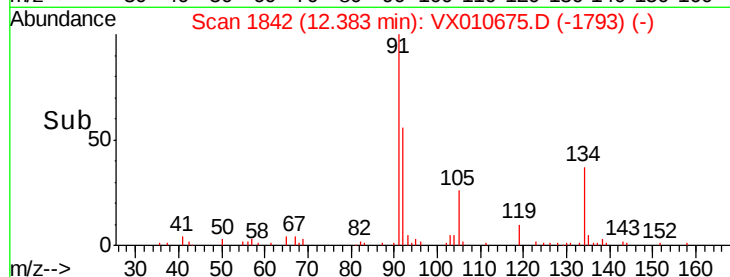
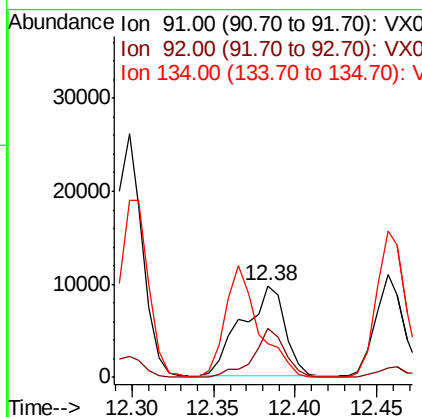
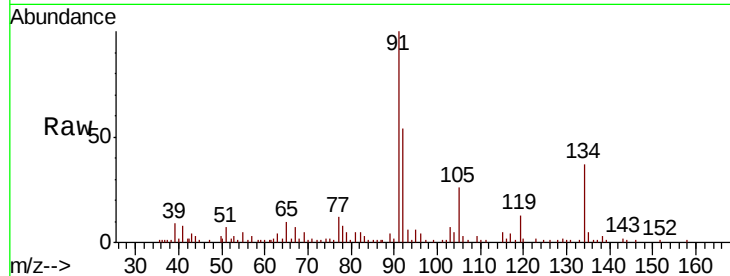




#89
n-Butylbenzene
Concen: 2.064 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

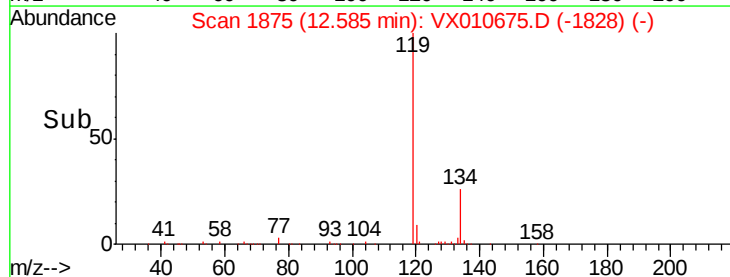
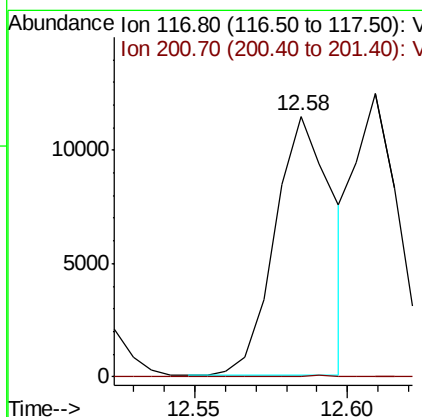
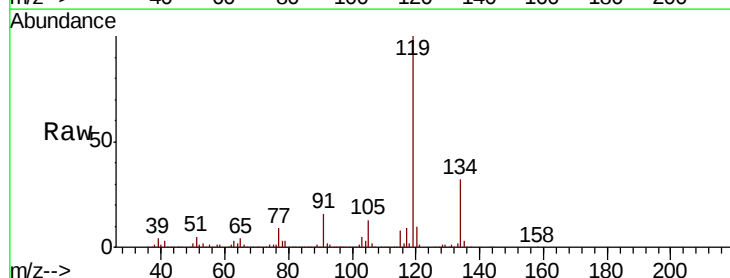
Instrument :
MSVOA_X
ClientSampleId :
FL-0580

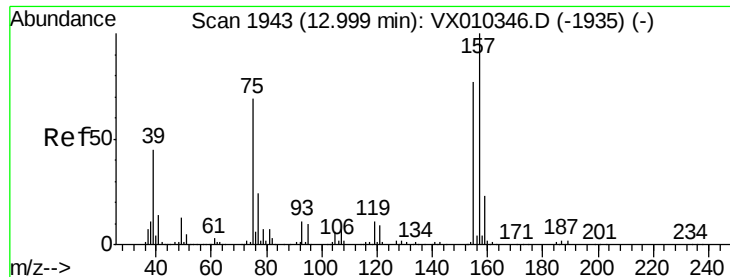
Tot Ion: 91 Resp: 17821
Ion Ratio Lower Upper
91 100
92 40.4 26.2 78.5
134 97.1 14.1 42.4#



#90
Hexachloroethane
Concen: 8.565 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion: 117 Resp: 15052
Ion Ratio Lower Upper
117 100
201 0.1 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.996 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

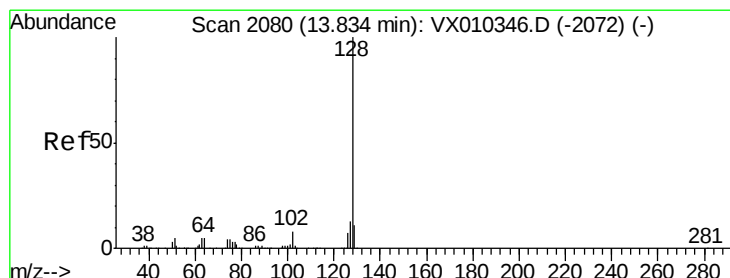
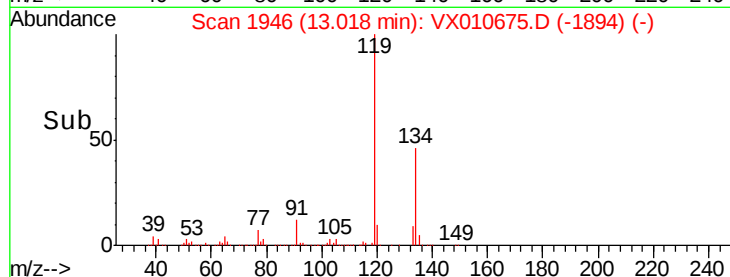
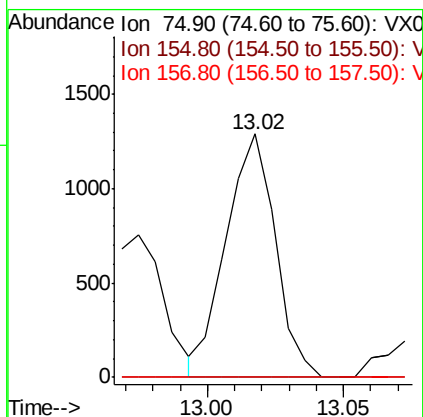
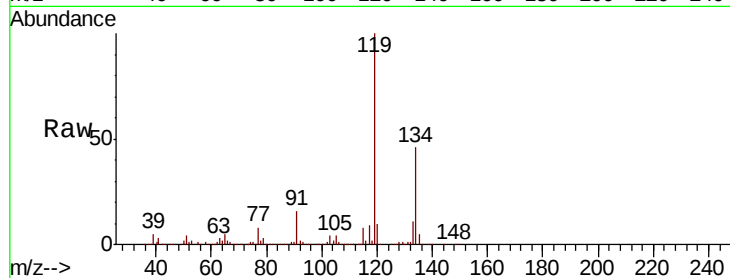
Tot Ion: 75 Resp: 1612

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#



#95

Naphthalene

Concen: 24.847 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Tgt Ion:128 Resp: 290101

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 12.0 8.9 13.3

