

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010699.D
 Acq On : 08 Jul 2019 16:36
 Operator : JC/SP
 Sample : K3664-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580

Quant Time: Jul 09 01:09:55 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	230165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114005	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	5.50	113	107285	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	428999	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.13	95	147234	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	483	0.259	ug/l	89
5) Bromomethane	1.66	94	600	0.603	ug/l #	43
6) Chloroethane	1.92	64	656	0.545	ug/l #	41
11) Tert butyl alcohol	3.02	59	2705	4.790	ug/l #	74
13) Acrolein	2.29	56	226	0.603	ug/l #	69
15) Acrylonitrile	3.17	53	2099	1.877	ug/l #	50
16) Acetone	2.45	43	1954	1.807	ug/l #	74
18) Methyl Acetate	2.84	43	16251	7.539	ug/l #	48
29) Tetrahydrofuran	5.13	42	267	0.272	ug/l #	66
31) Cyclohexane	5.58	56	42120	13.512	ug/l	98
36) 1,1-Dichloropropene	5.67	75	14937	5.296	ug/l #	47
38) Carbon Tetrachloride	5.66	117	20961	6.863	ug/l #	16
39) Methylcyclohexane	7.46	83	52709	14.218	ug/l	93
40) Benzene	6.15	78	17522	1.994	ug/l	93
43) Isopropyl Acetate	6.46	43	1915	0.399	ug/l #	61
47) Bromodichloromethane	7.85	83	855	0.293	ug/l #	21
48) Methyl methacrylate	7.85	41	4180	1.873	ug/l #	84
49) 1,4-Dioxane	7.69	88	52	0.809	ug/l #	28
55) 1,1,2-Trichloroethane	9.16	97	17115	7.172	ug/l #	19
56) Ethyl methacrylate	9.16	69	3759	1.040	ug/l #	1
67) Ethyl Benzene	10.25	91	149799	13.445	ug/l	99
68) m/p-Xylenes	10.36	106	60543	14.024	ug/l	99
69) o-Xylene	10.69	106	8713	2.052	ug/l	99
73) Isopropylbenzene	11.02	105	93112	8.598	ug/l	99
74) N-amyl acetate	10.94	43	2431	0.594	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	11.27	83	1558	0.434	ug/l #	27
76) 1,2,3-Trichloropropane	11.13	75	70997	24.387	ug/l #	33
78) n-propylbenzene	11.36	91	135032	11.345	ug/l	99
79) 2-Chlorotoluene	11.45	91	4229	0.597	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.66	105	67952	7.611	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.13	75	70997	56.893	ug/l #	16
82) 4-Chlorotoluene	11.45	91	4229	0.524	ug/l #	45
83) tert-Butylbenzene	11.80	119	183187	20.444	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.80	105	1420845	158.407	ug/l	99

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

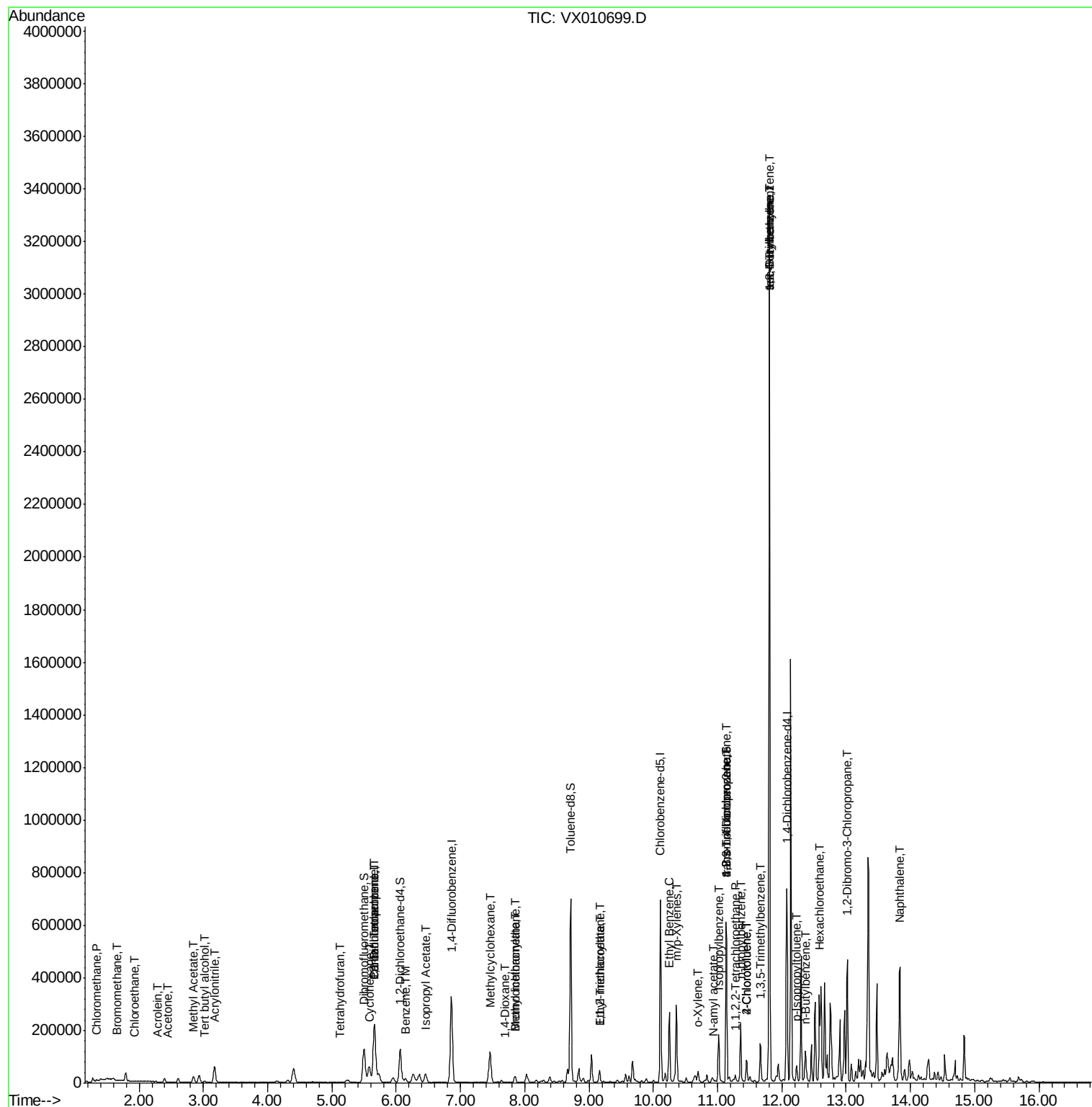
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.80	105	1420845	135.049	ug/l #	55
86) p-Isopropyltoluene	12.23	119	25425	2.613	ug/l	97
89) n-Butylbenzene	12.38	91	16767	2.028	ug/l #	41
90) Hexachloroethane	12.58	117	14157	8.413	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1303	1.685	ug/l #	1
95) Naphthalene	13.83	128	278037	24.869	ug/l	99

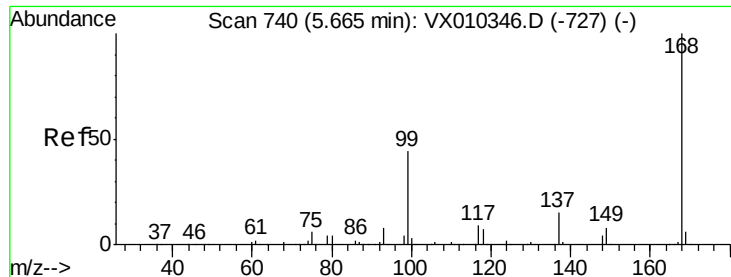
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampled :

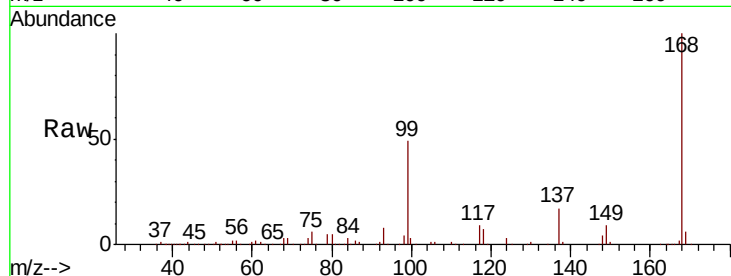
FL-0580

Tot Ion:168 Resp: 230165

Ion Ratio Lower Upper

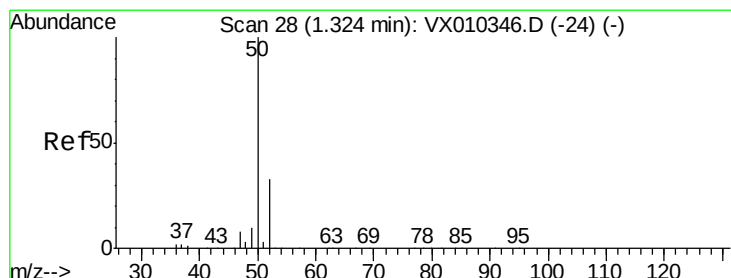
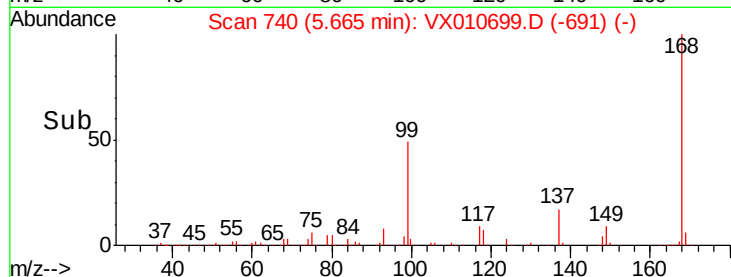
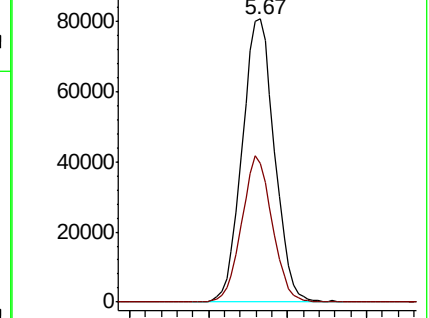
168 100

99 49.0 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: 0.259 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010699.D

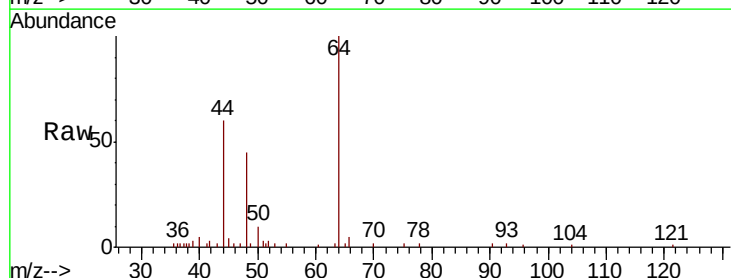
Acq: 08 Jul 2019 16:36

Tgt Ion: 50 Resp: 483

Ion Ratio Lower Upper

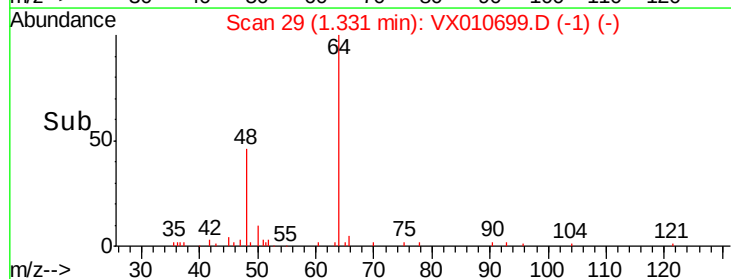
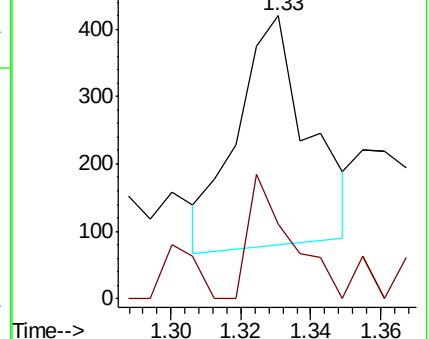
50 100

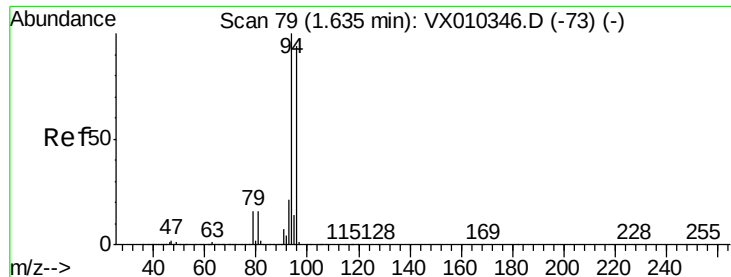
52 39.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.603 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

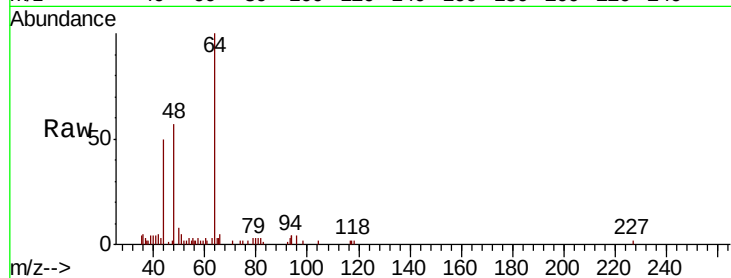
FL-0580

Tot Ion: 94 Resp: 600

Ion Ratio Lower Upper

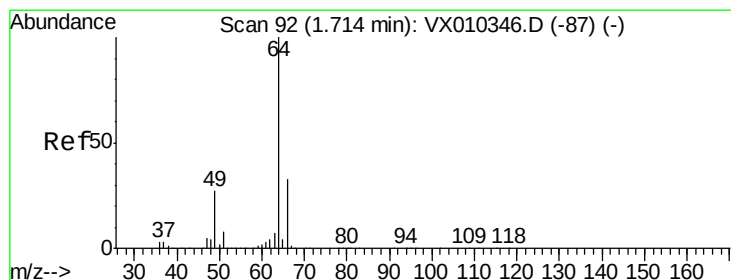
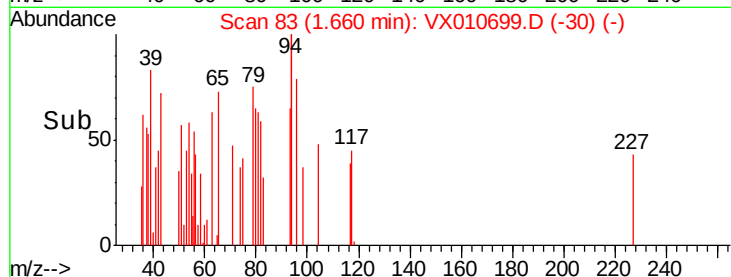
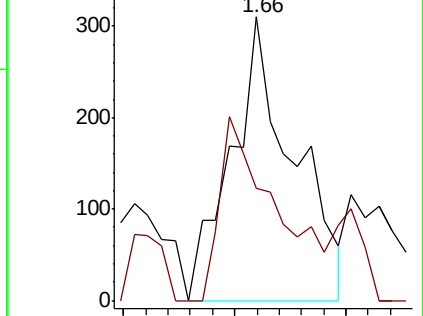
94 100

96 39.7 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.545 ug/l

RT: 1.92 min Scan# 126

Delta R.T. 0.21 min

Lab File: VX010699.D

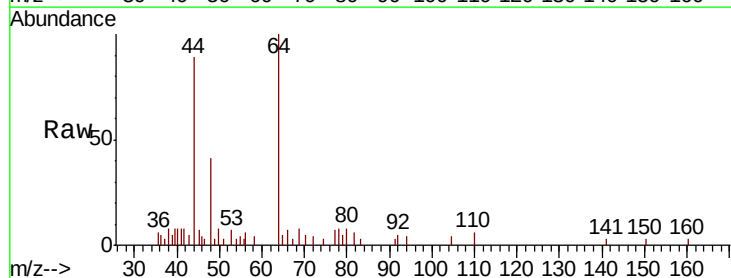
Acq: 08 Jul 2019 16:36

Tgt Ion: 64 Resp: 656

Ion Ratio Lower Upper

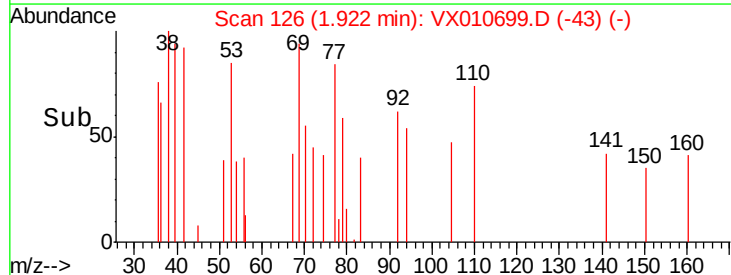
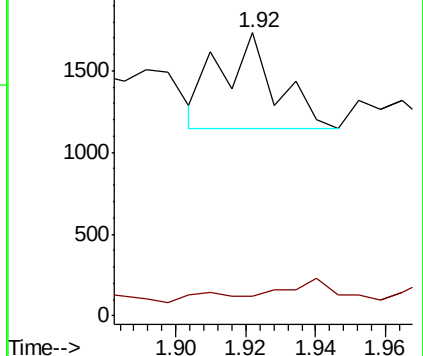
64 100

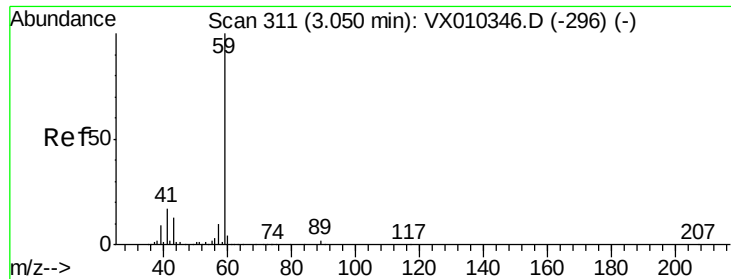
66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

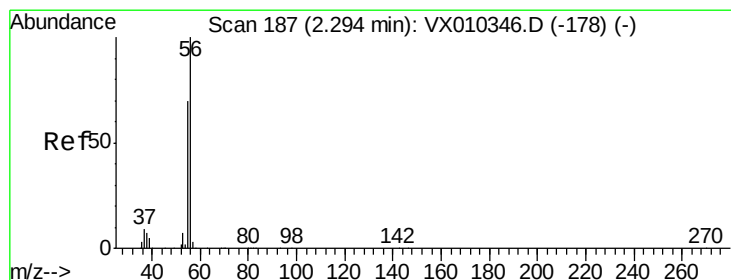
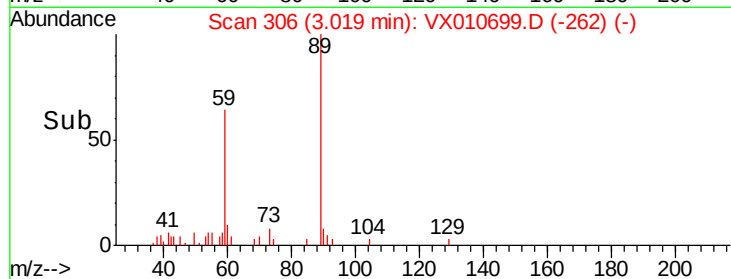
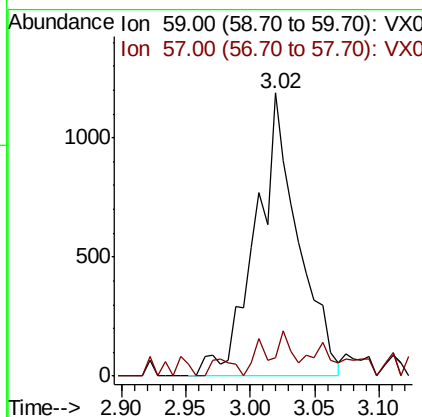
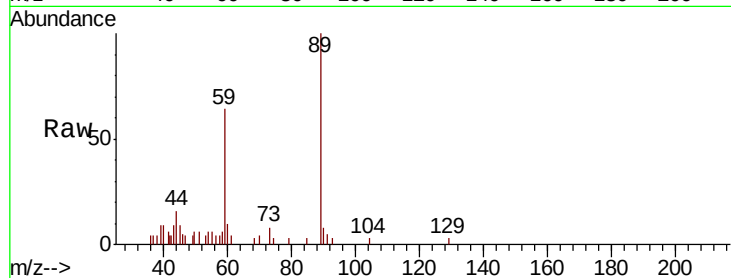




#11
Tert butyl alcohol
Concen: 4.790 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

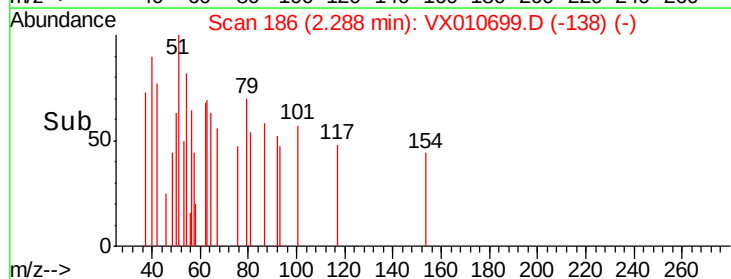
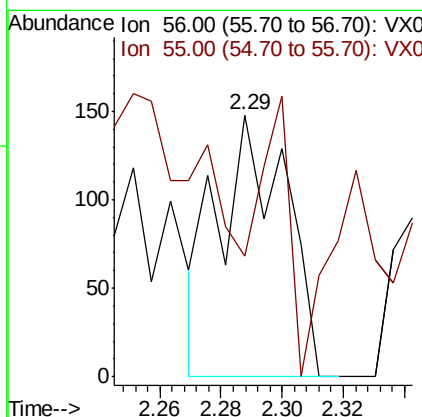
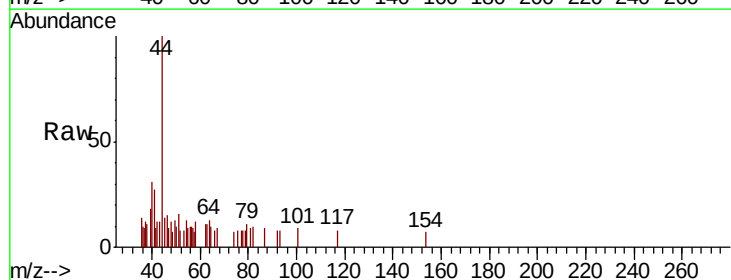
Instrument :
MSVOA_X
ClientSampled :
FL-0580

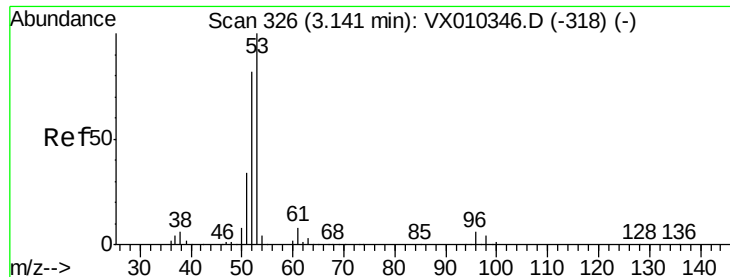
Tot Ion: 59 Resp: 2705
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 0.603 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion: 56 Resp: 226
Ion Ratio Lower Upper
56 100
55 45.1 56.9 85.3#





#15

Acrylonitrile

Concen: 1.877 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

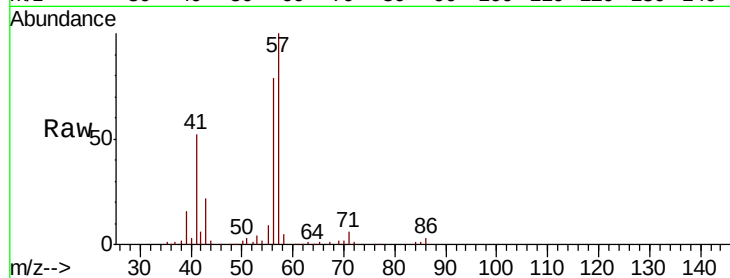
Tot Ion: 53 Resp: 2099

Ion Ratio Lower Upper

53 100

52 30.5 65.5 98.3#

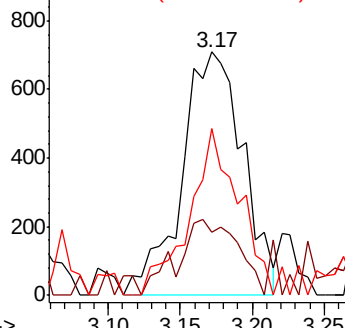
51 55.2 28.2 42.4#



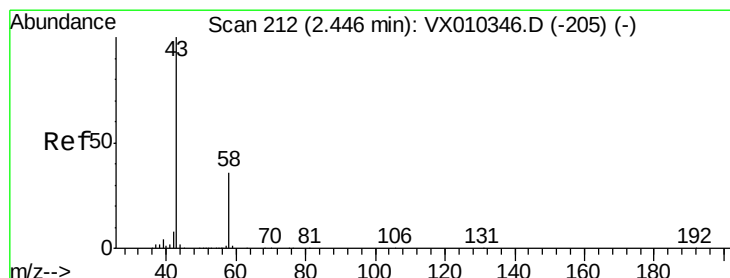
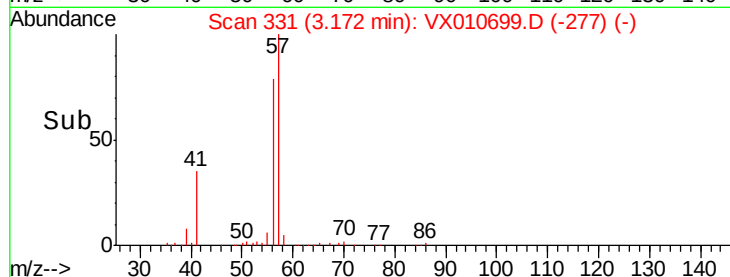
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 1.807 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010699.D

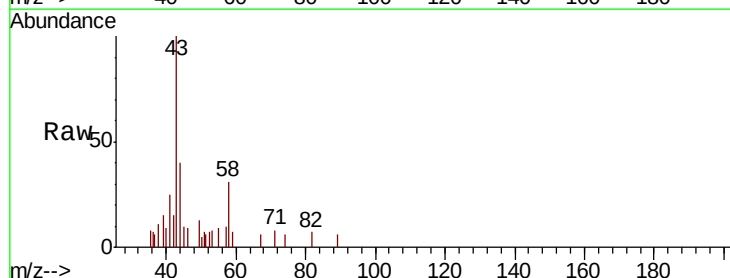
Acq: 08 Jul 2019 16:36

Tgt Ion: 43 Resp: 1954

Ion Ratio Lower Upper

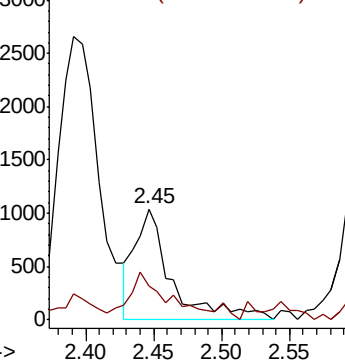
43 100

58 20.8 28.9 43.3#

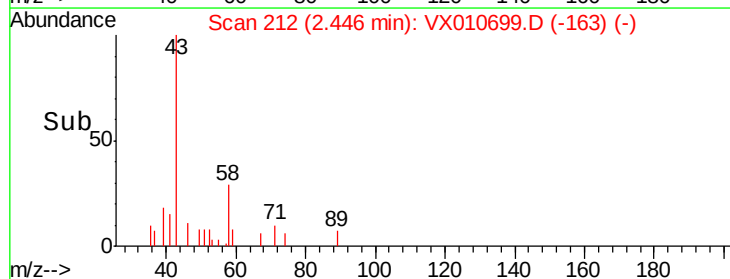


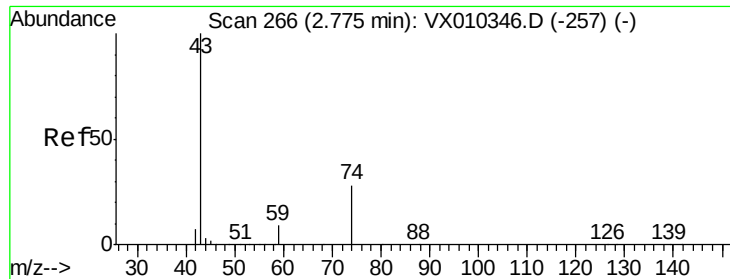
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

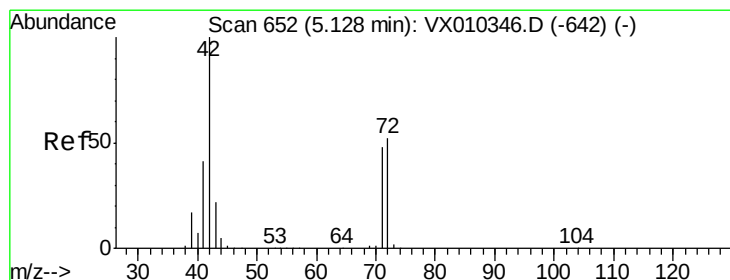
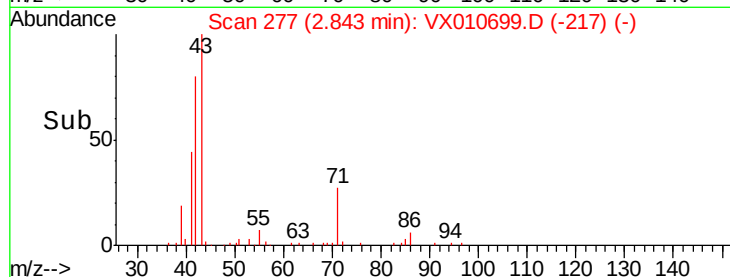
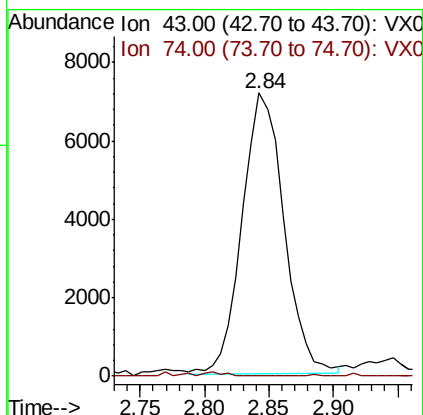
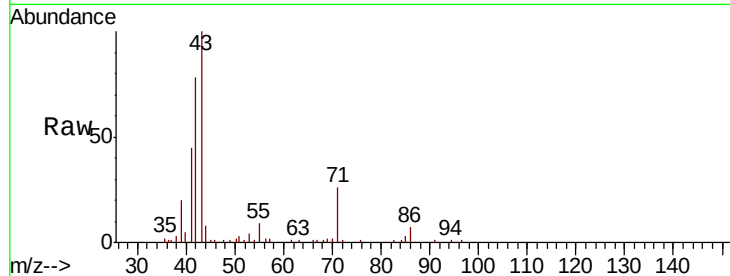




#18
Methyl Acetate
Concen: 7.539 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.07 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

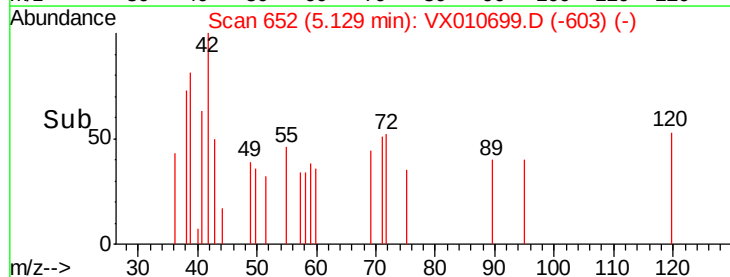
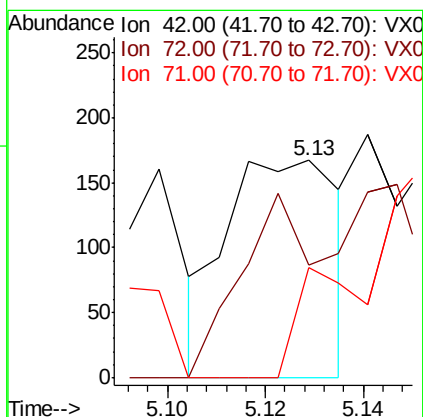
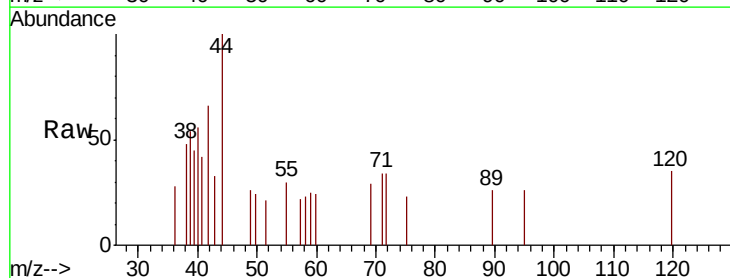
Instrument :
MSVOA_X
ClientSampled :
FL-0580

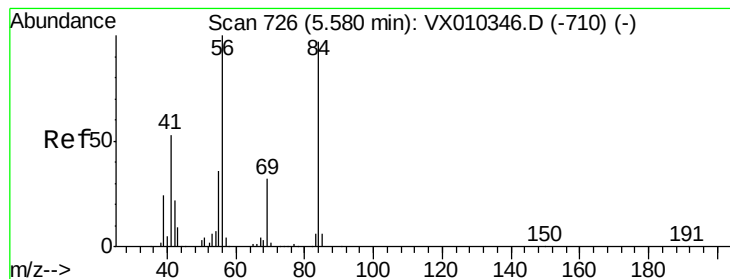
Tot Ion: 43 Resp: 16251
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



#29
Tetrahydrofuran
Concen: 0.272 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion: 42 Resp: 267
Ion Ratio Lower Upper
42 100
72 50.6 40.6 60.8
71 0.0 37.8 56.8#





#31

Cyclohexane

Concen: 13.512 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

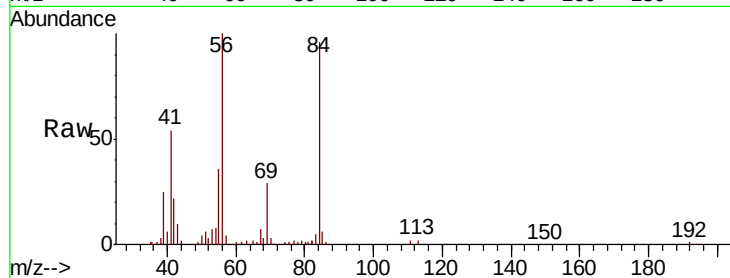
Tot Ion: 56 Resp: 42120

Ion Ratio Lower Upper

56 100

69 29.4 25.9 38.9

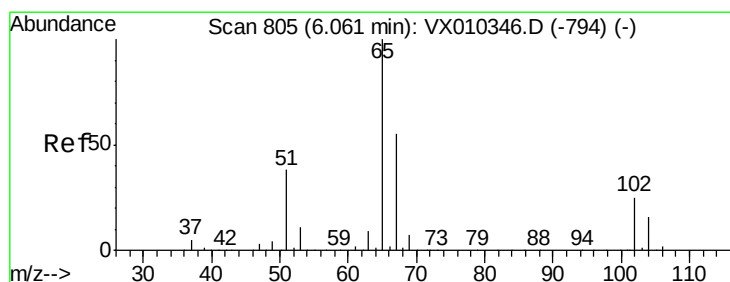
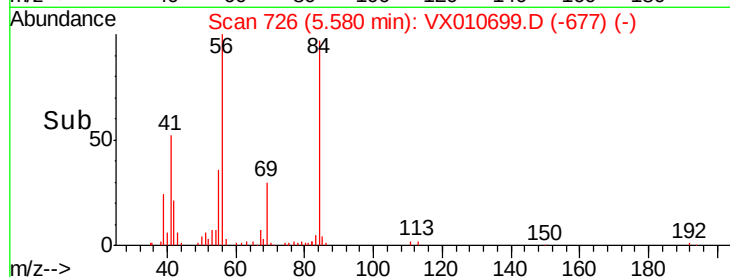
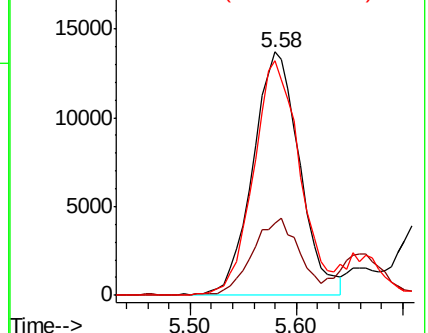
84 96.3 78.0 117.0



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: 52.828 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010699.D

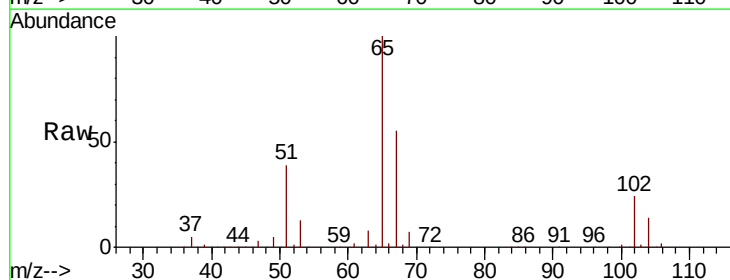
Acq: 08 Jul 2019 16:36

Tgt Ion: 65 Resp: 114005

Ion Ratio Lower Upper

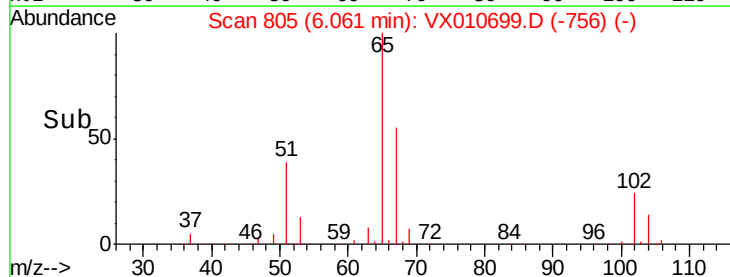
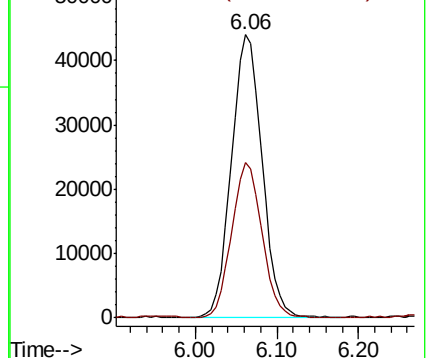
65 100

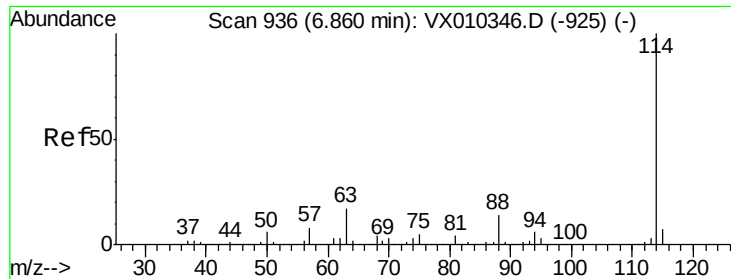
67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

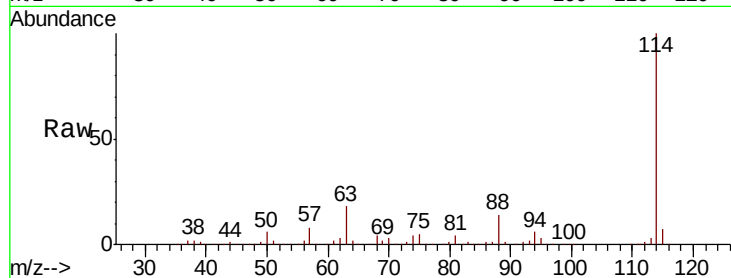




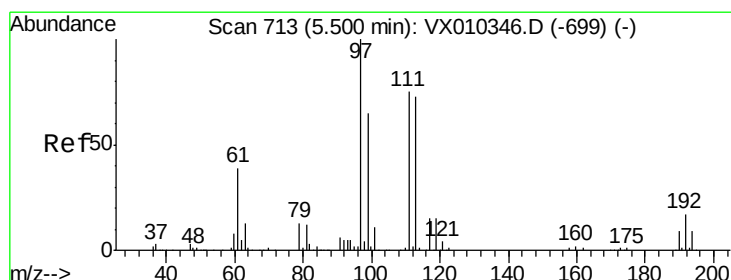
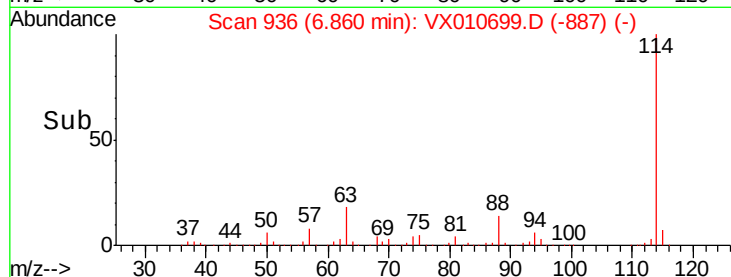
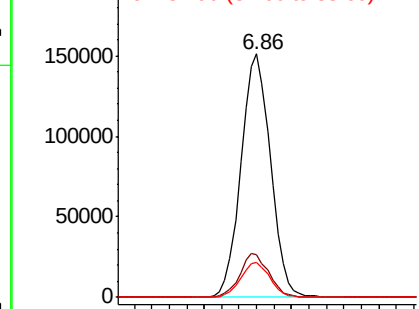
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580

Tot Ion:114 Resp: 354918
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 14.1 0.0 27.6

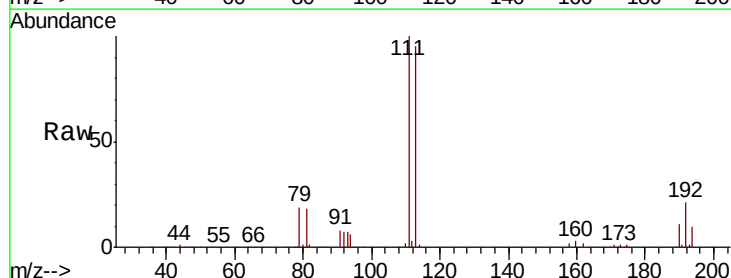


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

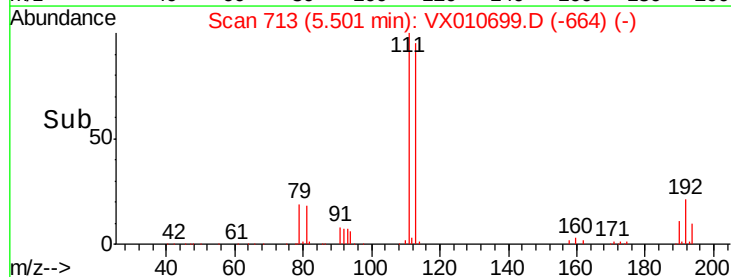
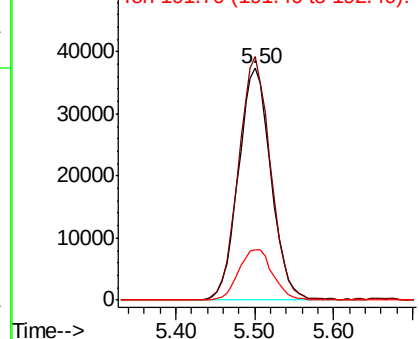


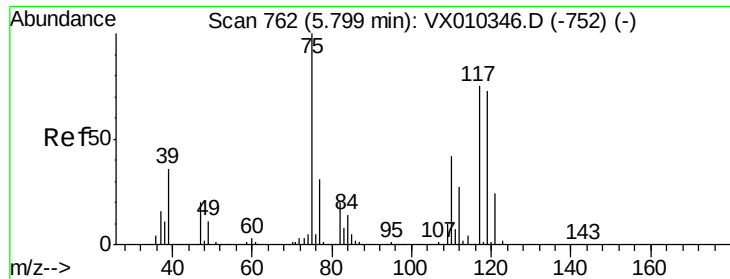
#35
 Dibromofluoromethane
 Concen: 49.406 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

Tgt Ion:113 Resp: 107285
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.2 121.8
 192 22.9 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

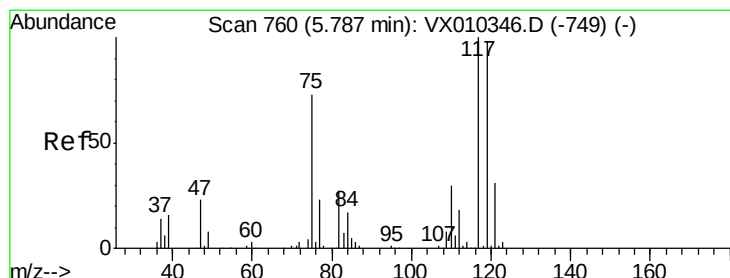
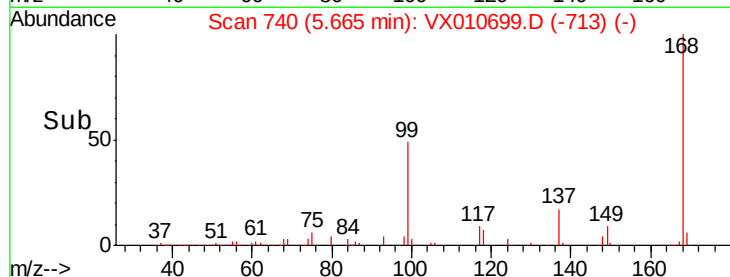
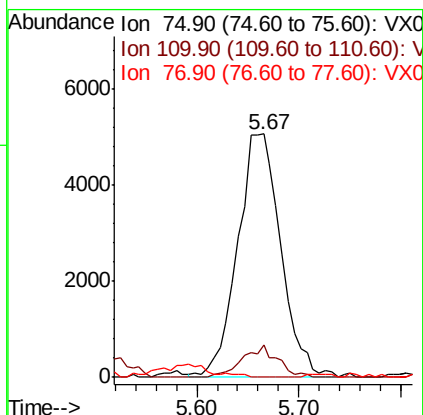
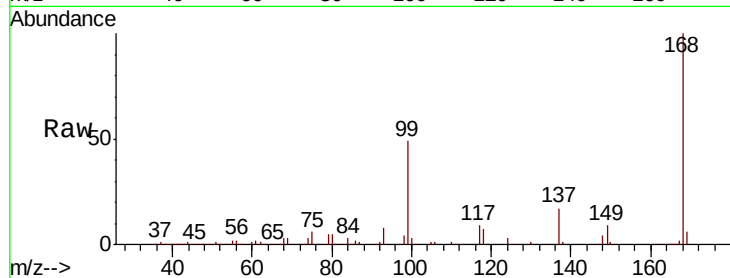




#36
 1,1-Dichloropropene
 Concen: 5.296 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

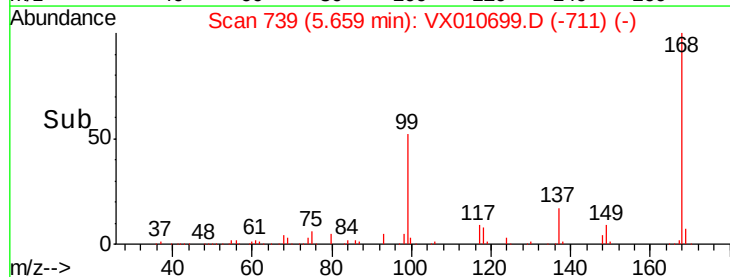
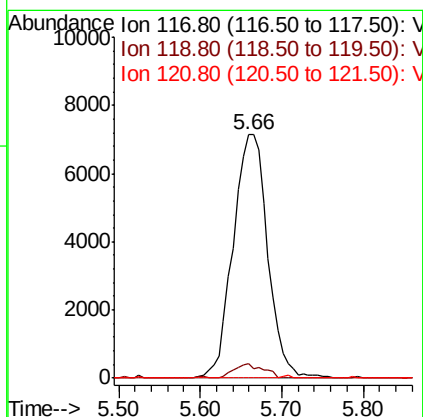
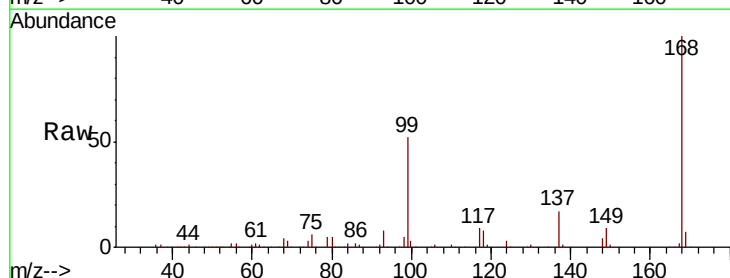
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0580

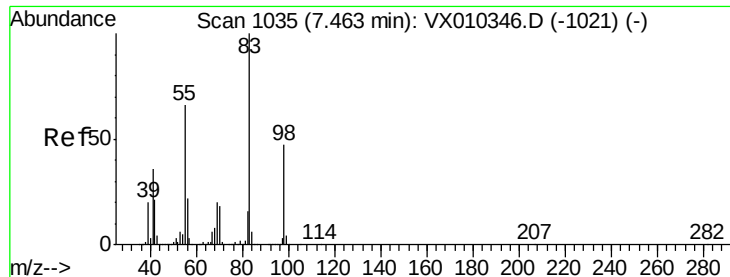
Tot Ion: 75 Resp: 14937
 Ion Ratio Lower Upper
 75 100
 110 10.7 20.8 62.2#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.863 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

Tgt Ion: 117 Resp: 20961
 Ion Ratio Lower Upper
 117 100
 119 5.7 78.2 117.4#
 121 0.0 24.7 37.1#

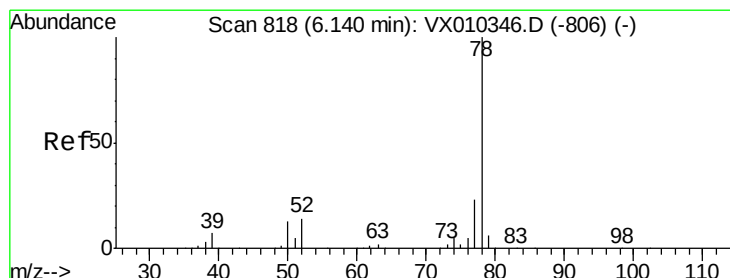
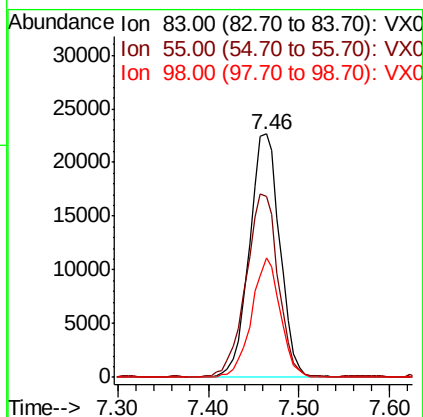
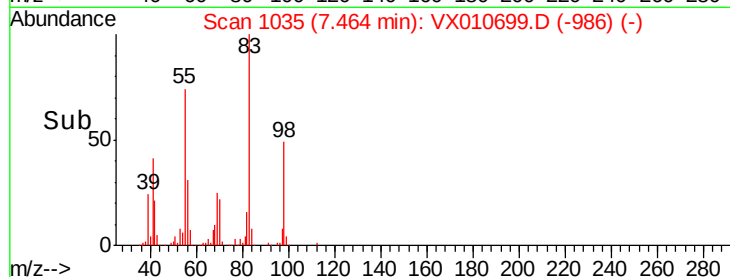
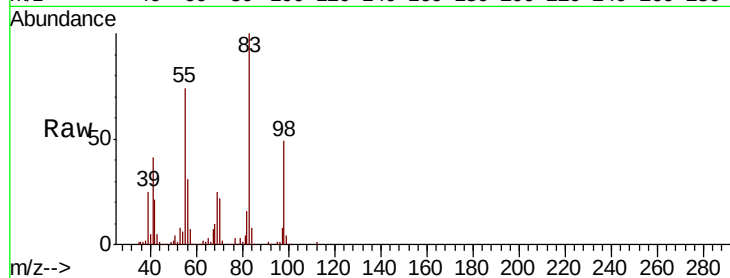




#39
Methylvlcyclohexane
Concen: 14.218 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

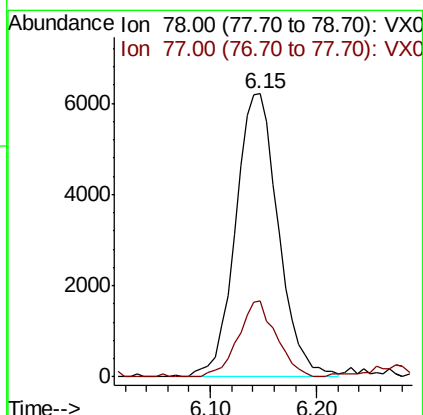
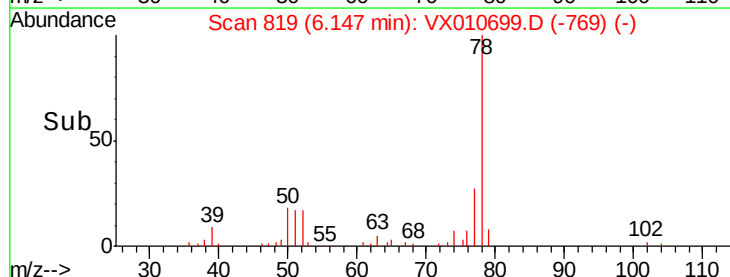
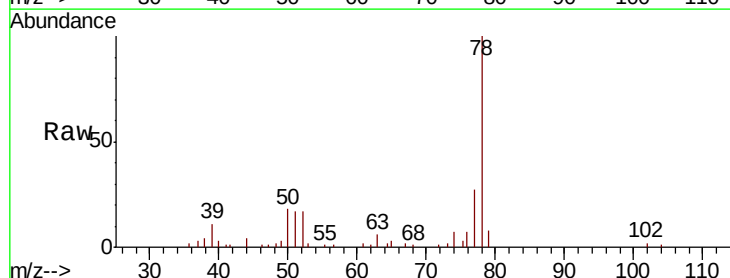
Instrument :
MSVOA_X
ClientSampleId :
FL-0580

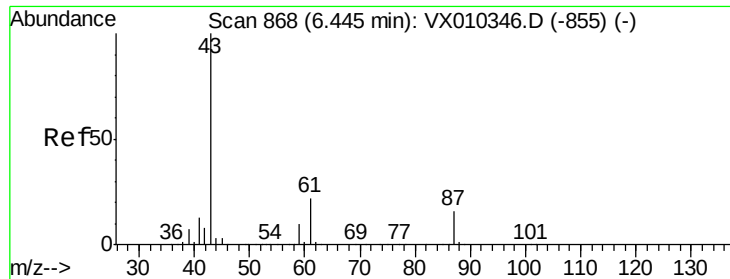
Tot Ion: 83 Resp: 52709
Ion Ratio Lower Upper
83 100
55 73.7 53.0 79.6
98 49.1 37.8 56.8



#40
Benzene
Concen: 1.994 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion: 78 Resp: 17522
Ion Ratio Lower Upper
78 100
77 26.9 18.6 28.0





#43

Isopropyl Acetate

Concen: 0.399 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampled :

FL-0580

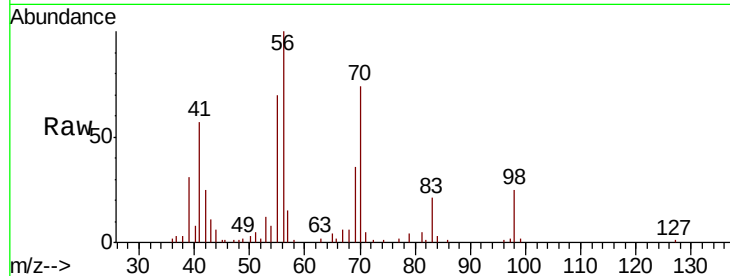
Tot Ion: 43 Resp: 1915

Ion Ratio Lower Upper

43 100

61 2.9 17.8 26.6#

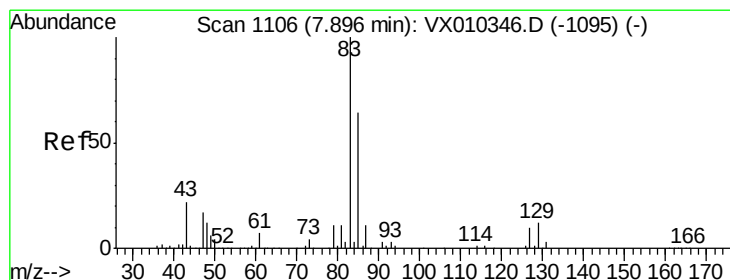
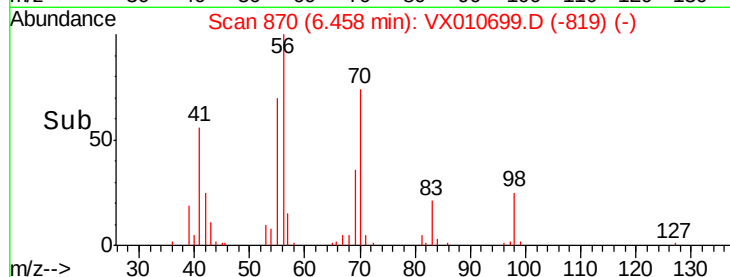
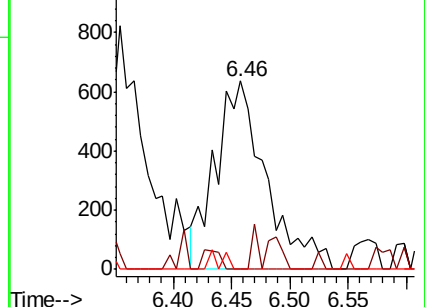
87 0.0 13.0 19.4#



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: 0.293 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

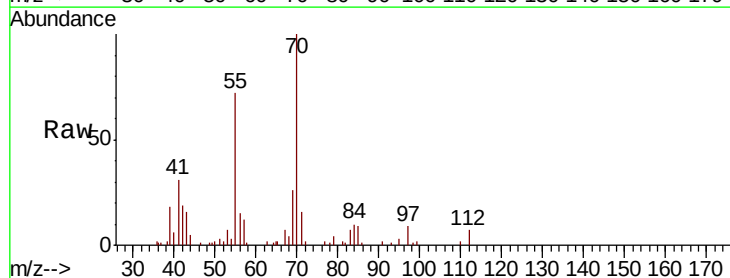
Tgt Ion: 83 Resp: 855

Ion Ratio Lower Upper

83 100

85 132.4 51.5 77.3#

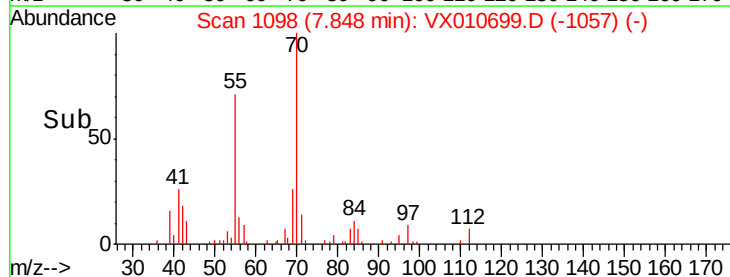
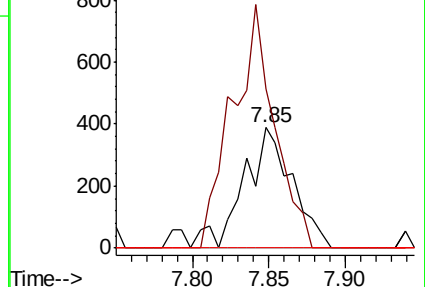
127 0.0 7.8 11.8#

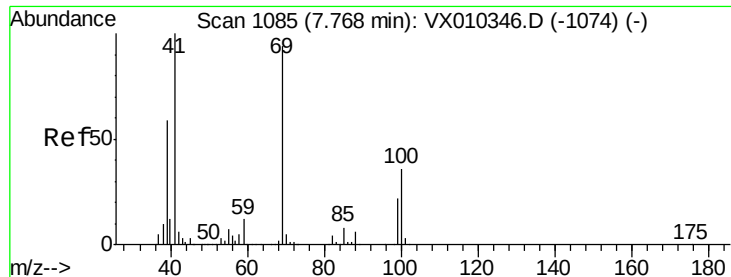


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

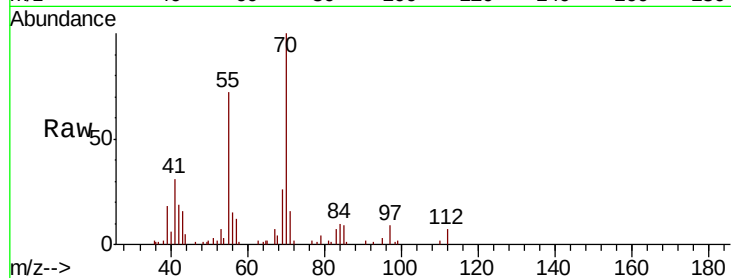




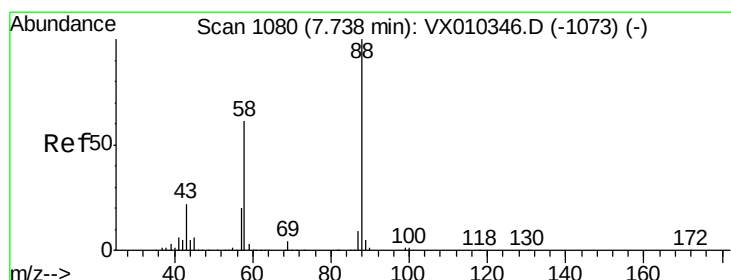
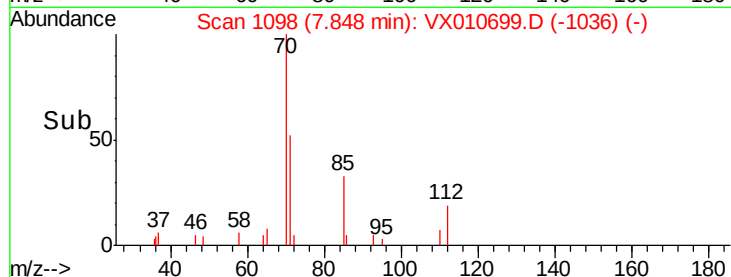
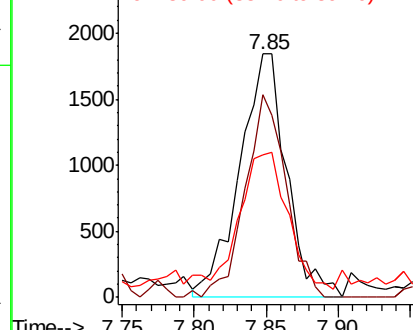
#48
Methvl methacrylate
Concen: 1.873 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. 0.08 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tot Ion: 41 Resp: 4180
Ion Ratio Lower Upper
41 100
69 72.2 76.1 114.1#
39 56.5 47.6 71.4

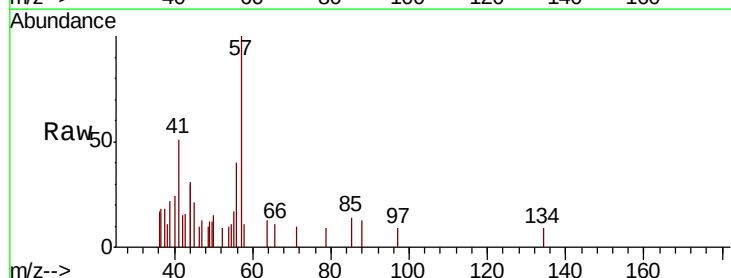


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

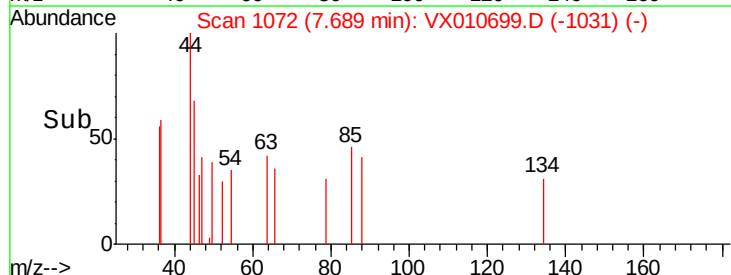
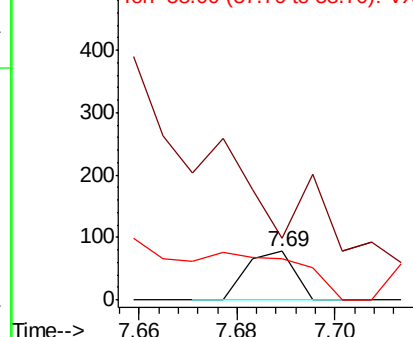


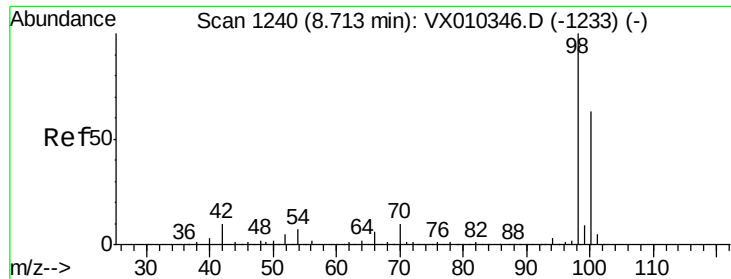
#49
1,4-Dioxane
Concen: 0.809 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.05 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#



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

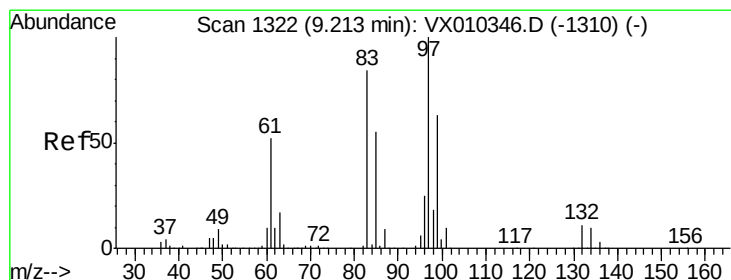
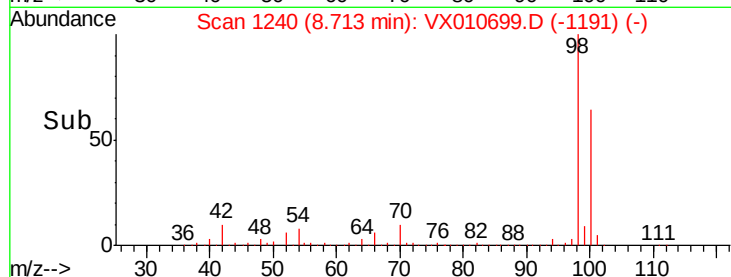
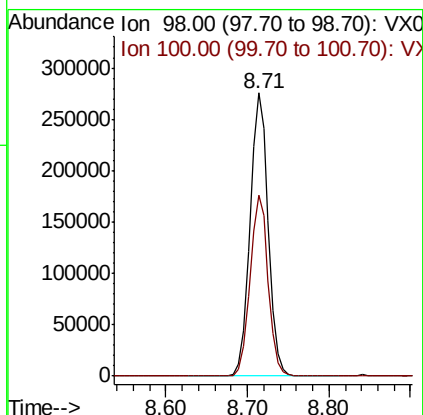
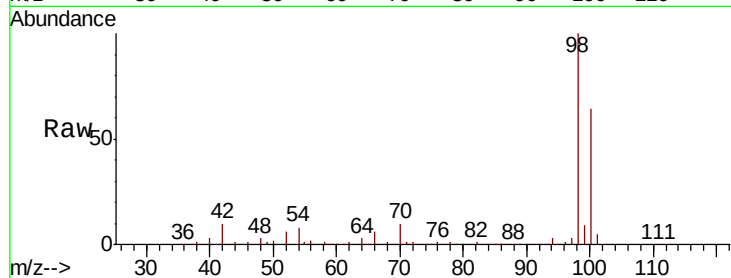




#50
Toluene-d8
Concen: 51.638 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

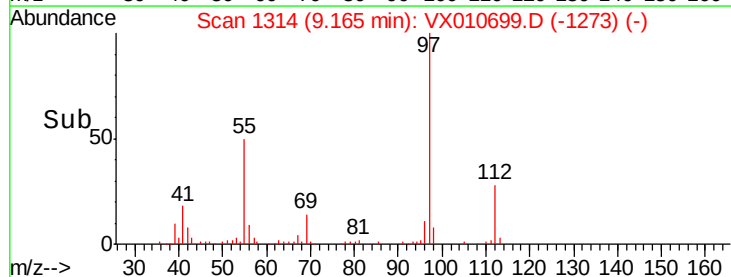
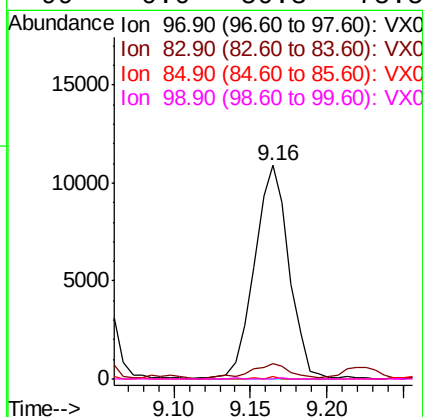
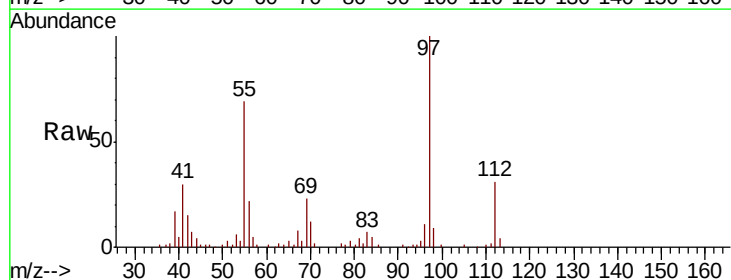
Instrument :
MSVOA_X
ClientSampled :
FL-0580

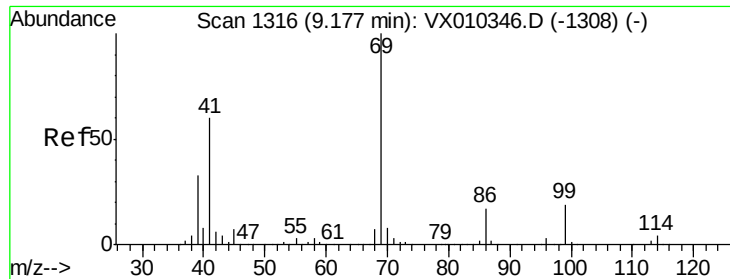
Tot Ion: 98 Resp: 428999
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#55
1,1,2-Trichloroethane
Concen: 7.172 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion: 97 Resp: 17115
Ion Ratio Lower Upper
97 100
83 6.6 67.4 101.0#
85 1.0 43.8 65.8#
99 0.0 50.3 75.5#

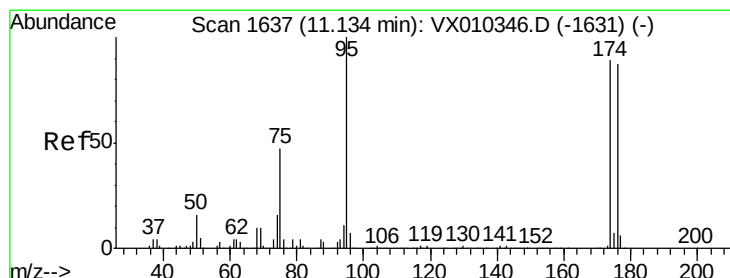
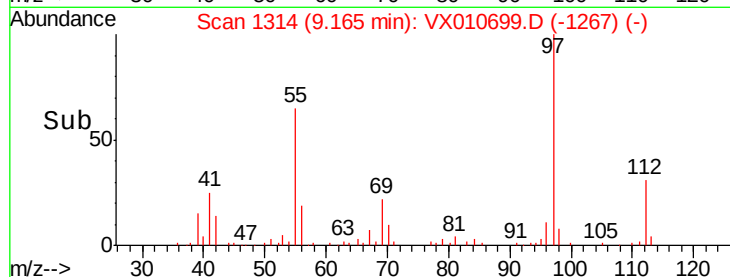
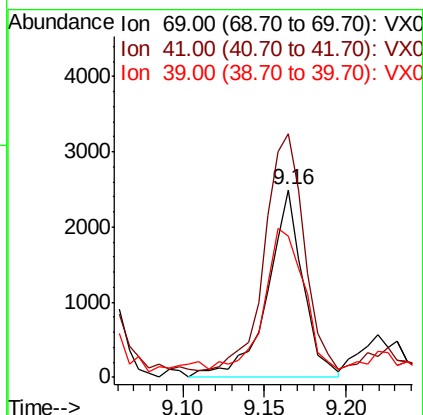
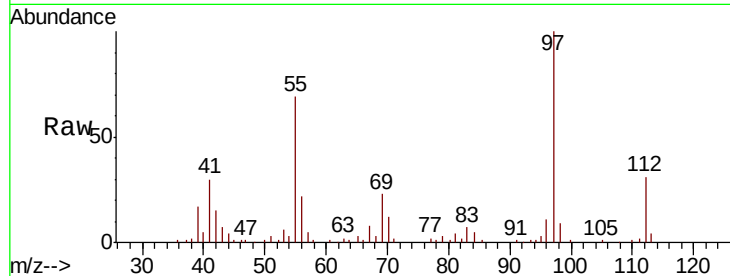




#56
Ethyl methacrylate
Concen: 1.040 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

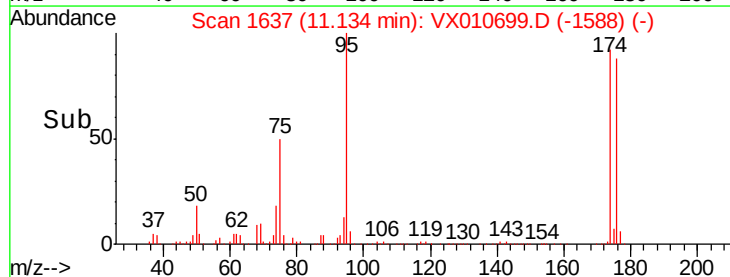
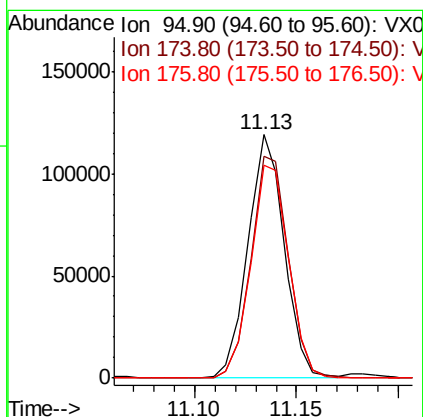
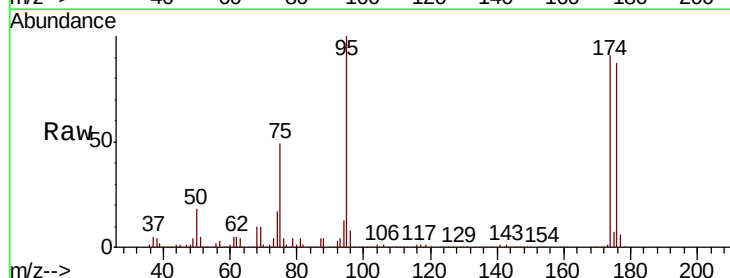
Instrument :
MSVOA_X
ClientSampleId :
FL-0580

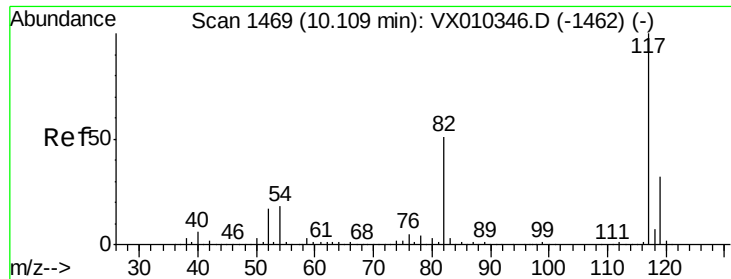
Tot Ion: 69 Resp: 3759
Ion Ratio Lower Upper
69 100
41 138.8 47.1 70.7#
39 83.4 26.6 40.0#



#62
4-Bromofluorobenzene
Concen: 49.089 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion: 95 Resp: 147234
Ion Ratio Lower Upper
95 100
174 94.9 0.0 187.6
176 91.7 0.0 184.0

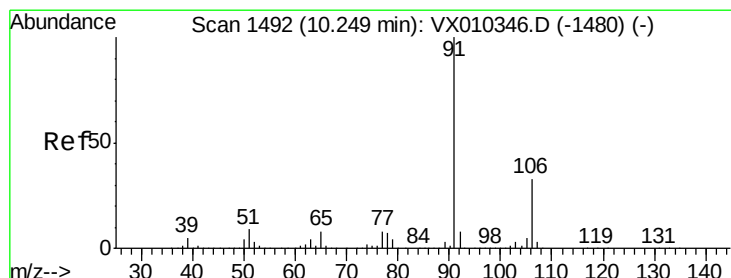
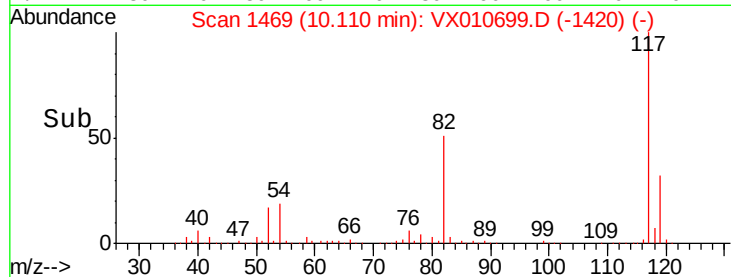
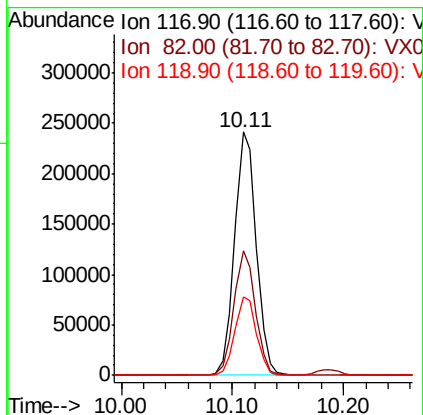
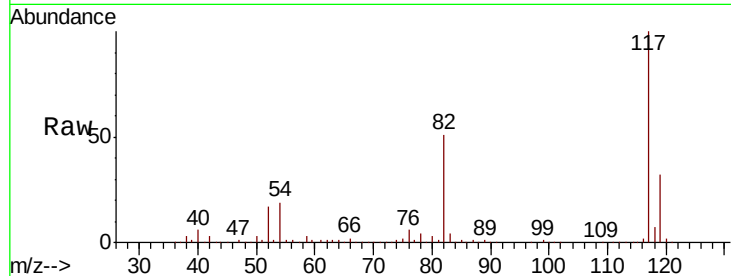




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

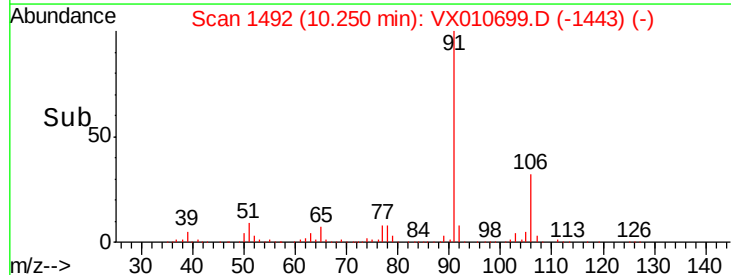
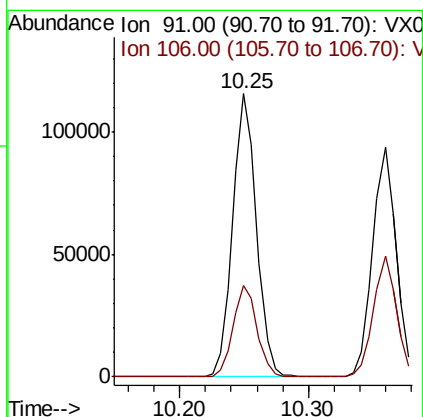
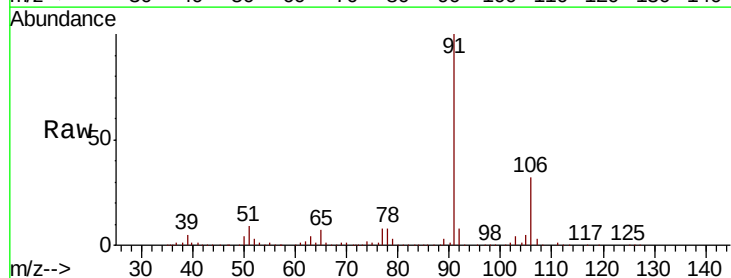
Instrument :
MSVOA_X
ClientSampleId :
FL-0580

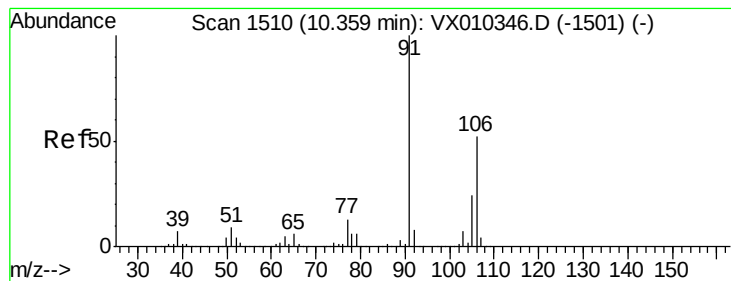
Tot Ion:117 Resp: 325077
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 32.0 25.5 38.3



#67
Ethyl Benzene
Concen: 13.445 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion: 91 Resp: 149799
Ion Ratio Lower Upper
91 100
106 32.3 26.2 39.2





#68

m/p-Xylenes

Concen: 14.024 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampled :

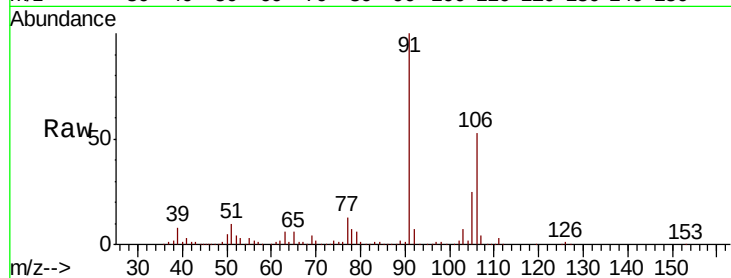
FL-0580

Tot Ion:106 Resp: 60543

Ion Ratio Lower Upper

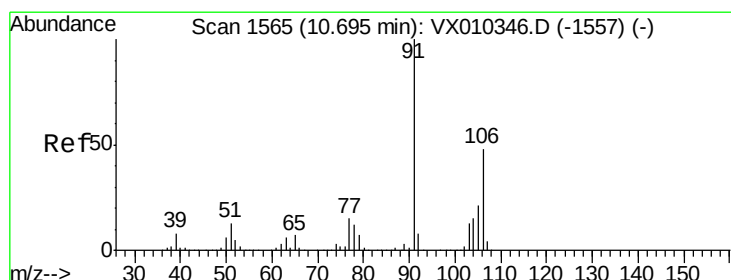
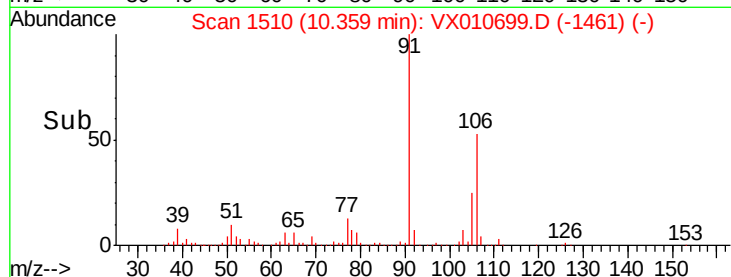
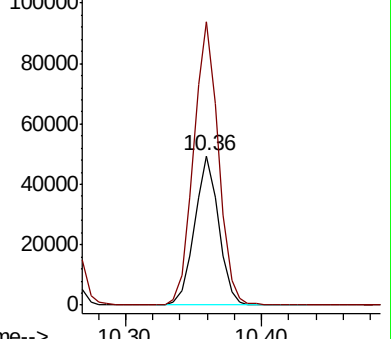
106 100

91 195.0 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 2.052 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX010699.D

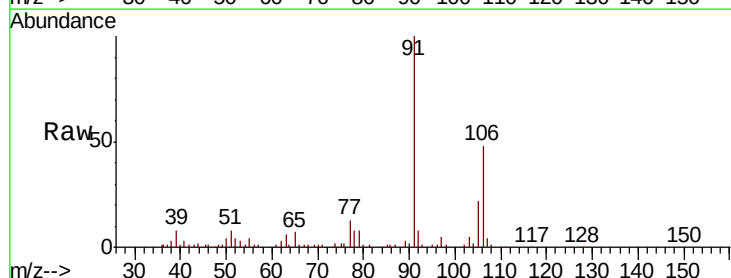
Acq: 08 Jul 2019 16:36

Tgt Ion:106 Resp: 8713

Ion Ratio Lower Upper

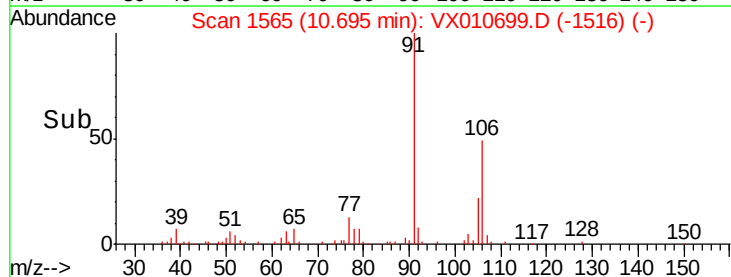
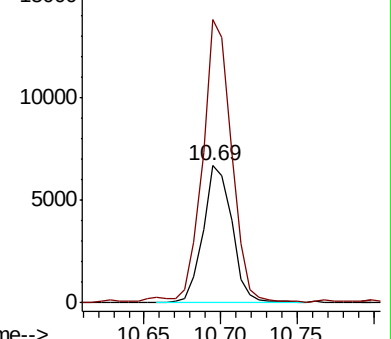
106 100

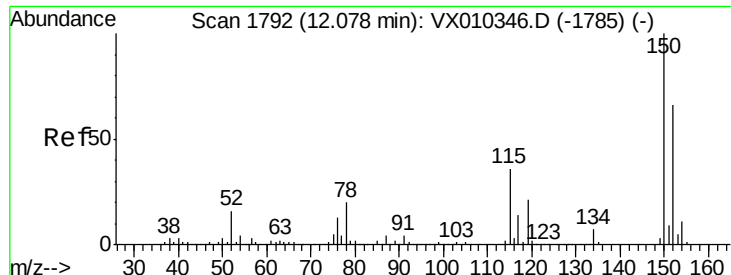
91 206.7 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



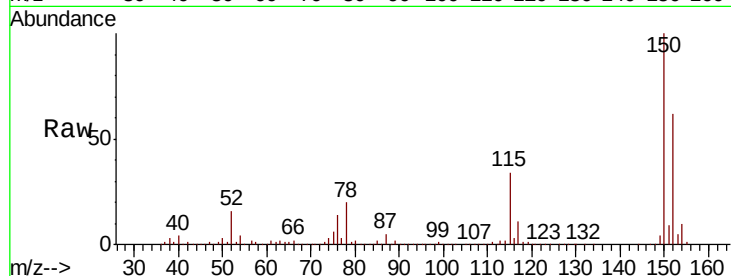


#72

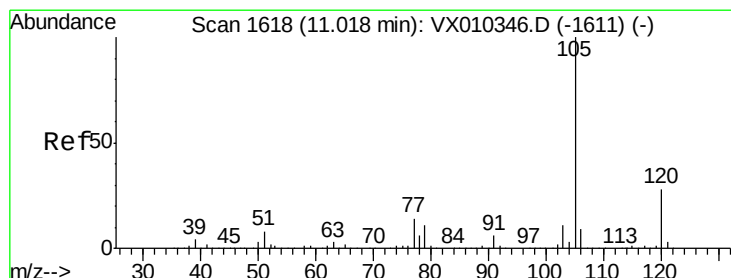
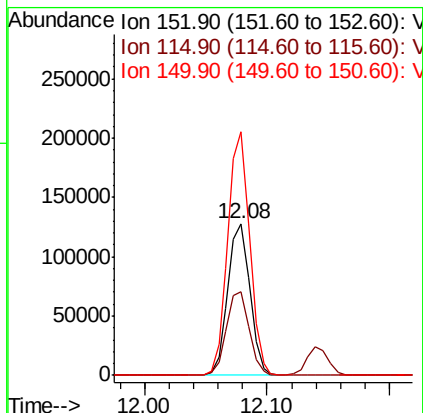
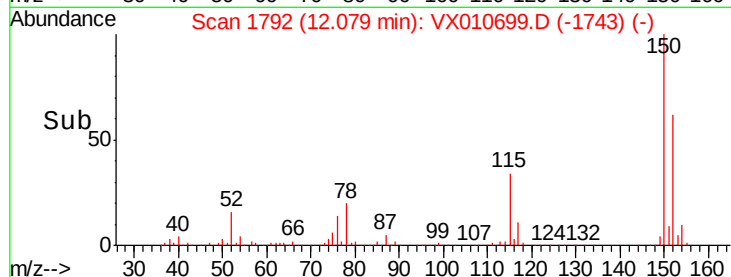
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Instrument :
MSVOA_X
ClientSampled :
FL-0580

Tot Ion:152 Resp: 159758
Ion Ratio Lower Upper
152 100
115 55.9 38.6 115.7
150 158.7 0.0 347.4



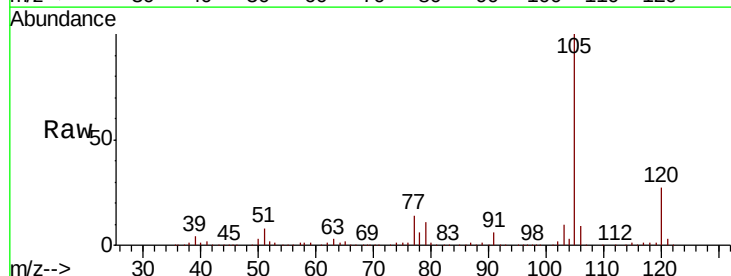
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



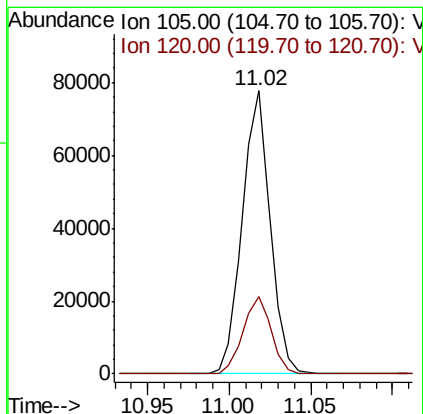
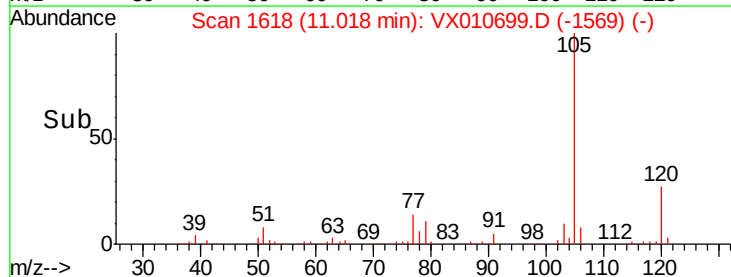
#73

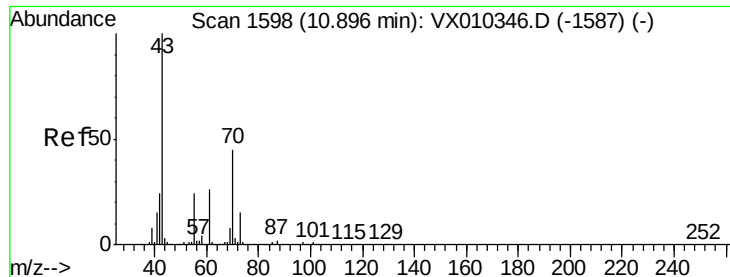
Isopropylbenzene
Concen: 8.598 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010699.D
Acq: 08 Jul 2019 16:36

Tgt Ion:105 Resp: 93112
Ion Ratio Lower Upper
105 100
120 27.6 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: 0.594 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

Tot Ion: 43 Resp: 2431

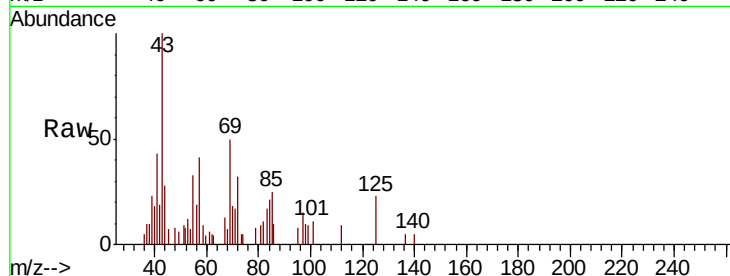
Ion Ratio Lower Upper

43 100

70 0.0 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#

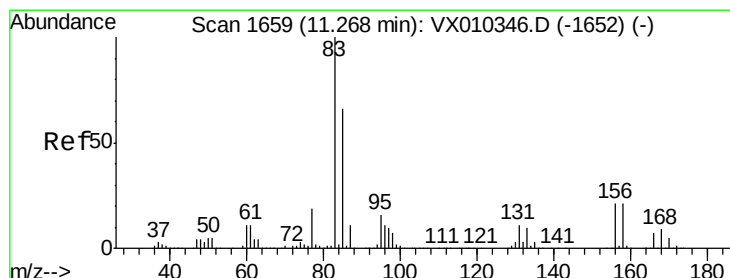
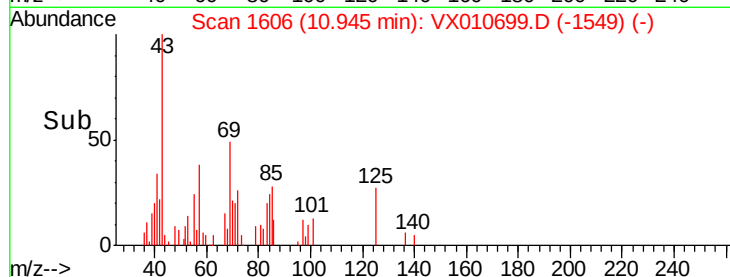
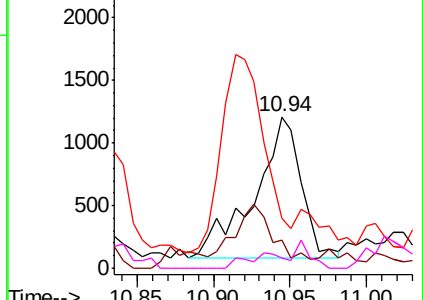


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.434 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

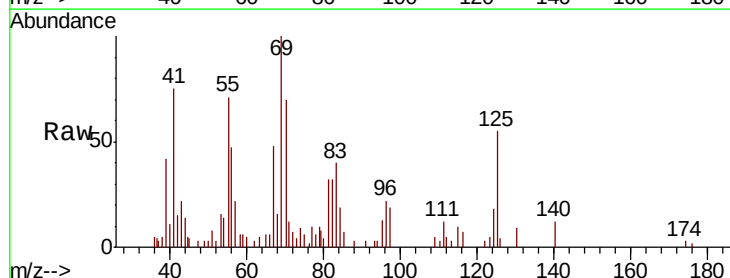
Tgt Ion: 83 Resp: 1558

Ion Ratio Lower Upper

83 100

131 4.9 5.5 16.4#

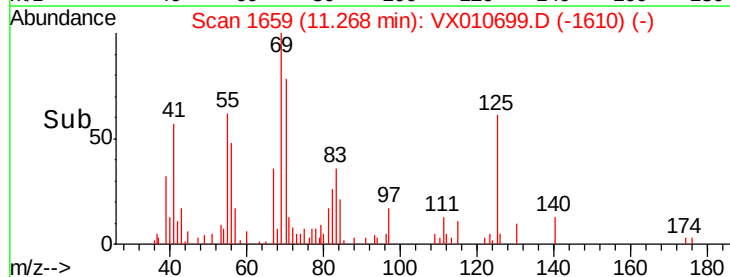
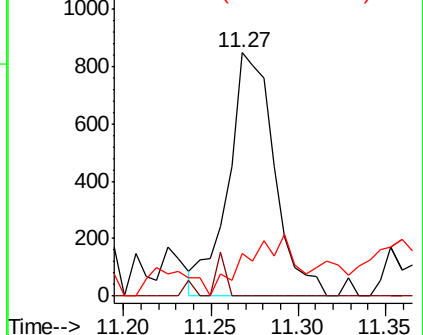
85 0.0 32.3 96.8#

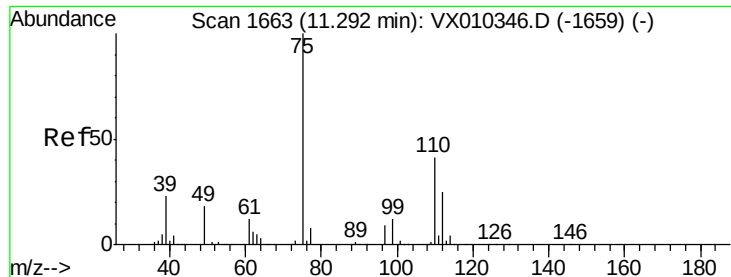


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

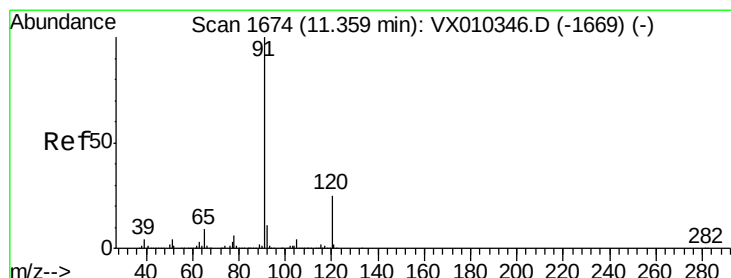
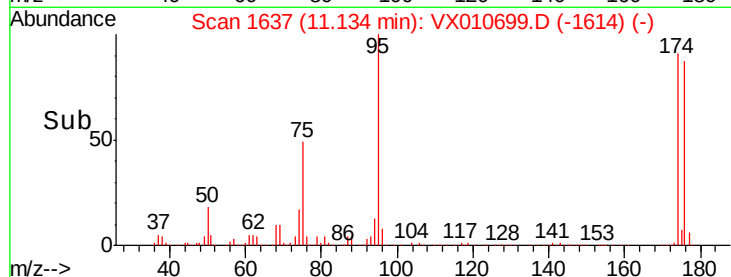
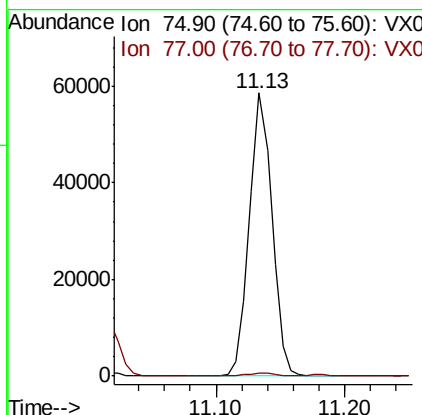
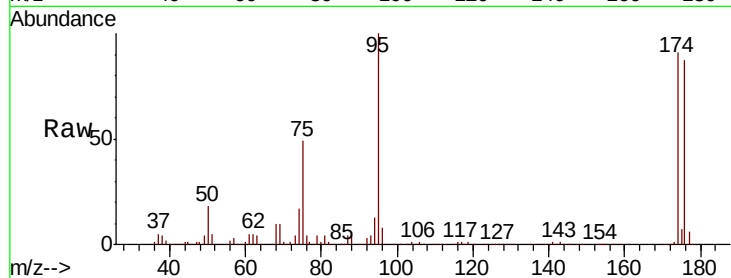




#76
 1,2,3-Trichloropropane
 Concen: 24.387 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

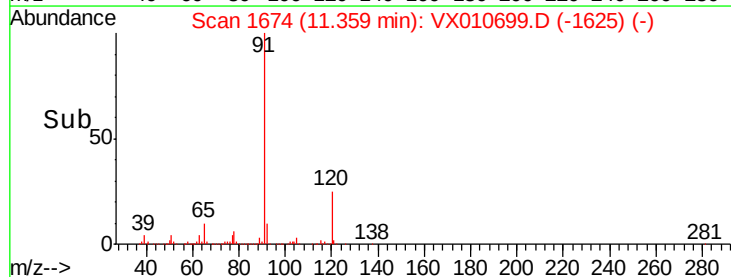
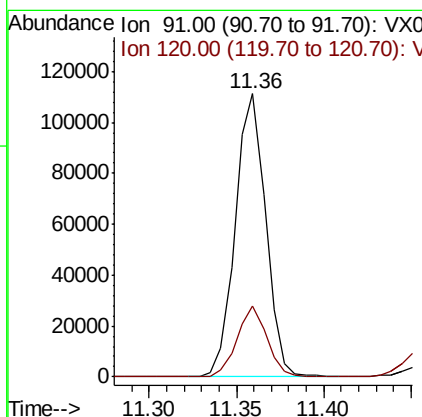
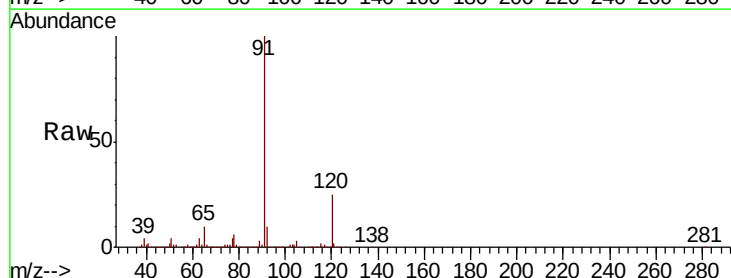
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580

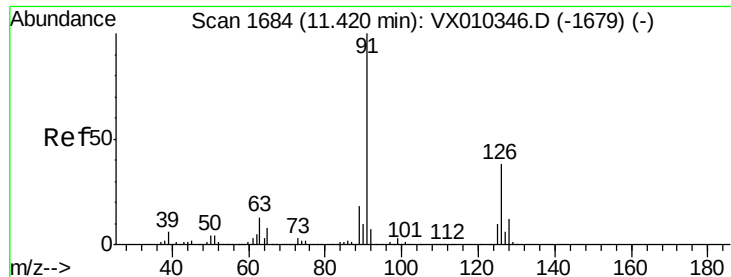
Tot Ion: 75 Resp: 70997
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.6 67.8#



#78
 n-propylbenzene
 Concen: 11.345 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

Tgt Ion: 91 Resp: 135032
 Ion Ratio Lower Upper
 91 100
 120 24.5 12.4 37.4





#79

2-Chlorotoluene

Concen: 0.597 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

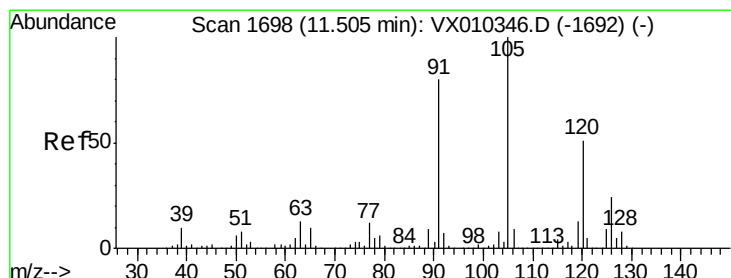
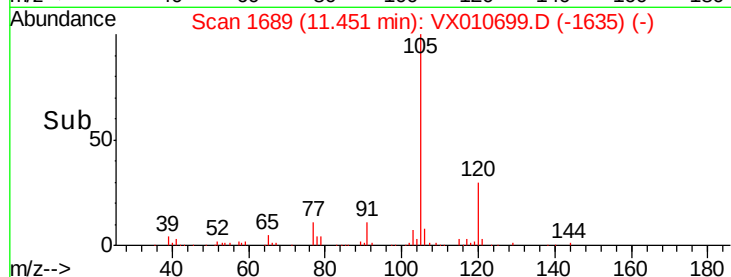
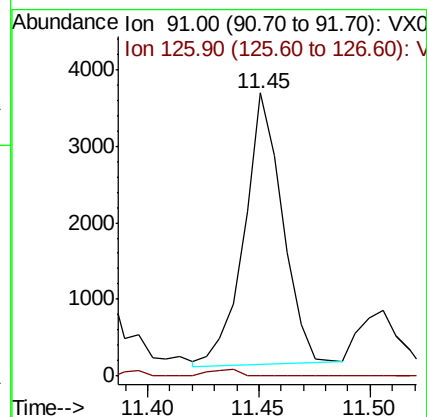
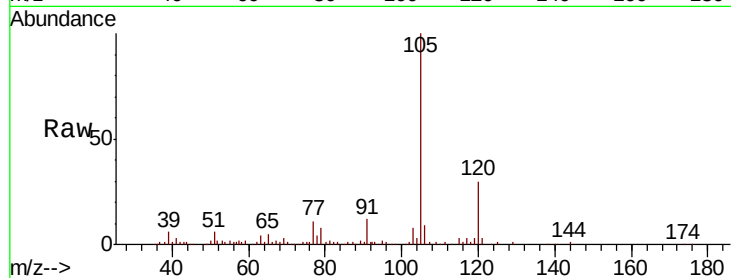
FL-0580

Tot Ion: 91 Resp: 4229

Ion Ratio Lower Upper

91 100

126 1.8 18.7 56.1#



#80

1,3,5-Trimethylbenzene

Concen: 7.611 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX010699.D

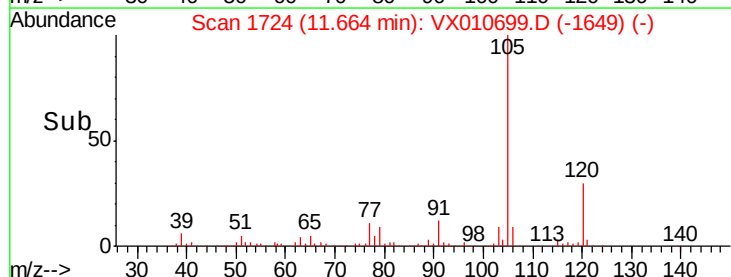
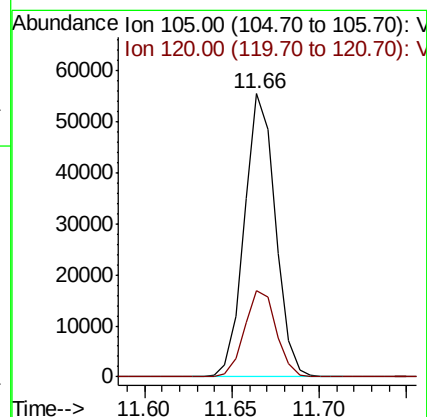
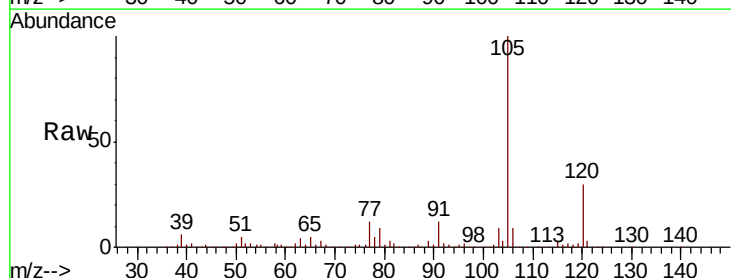
Acq: 08 Jul 2019 16:36

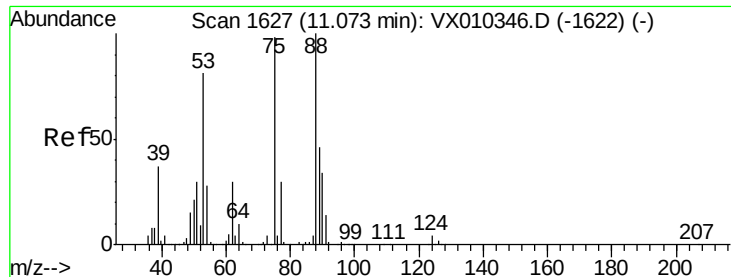
Tgt Ion:105 Resp: 67952

Ion Ratio Lower Upper

105 100

120 31.2 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 56.893 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

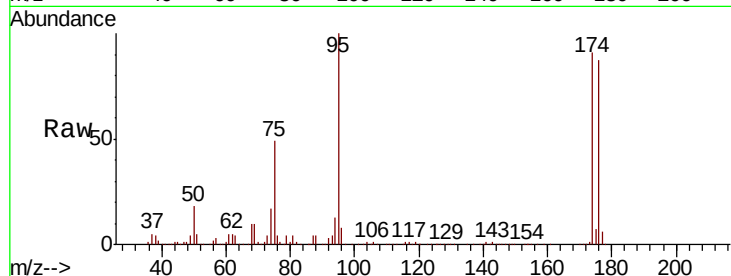
Tot Ion: 75 Resp: 70997

Ion Ratio Lower Upper

75 100

53 0.2 66.1 99.1#

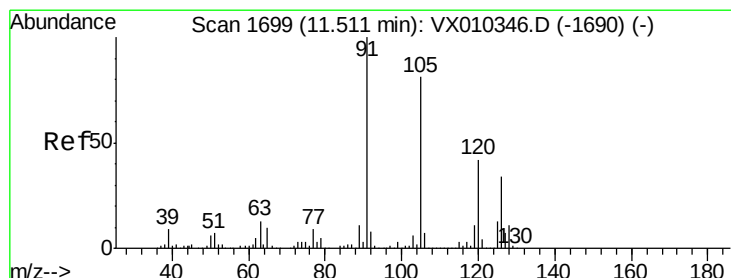
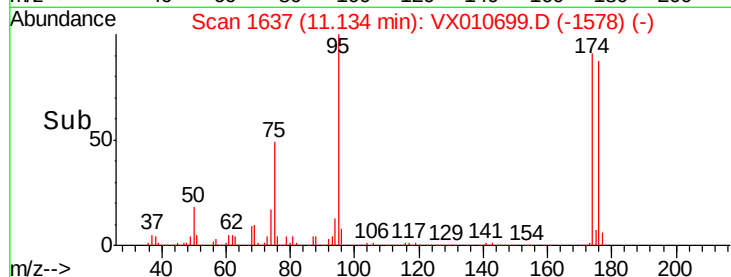
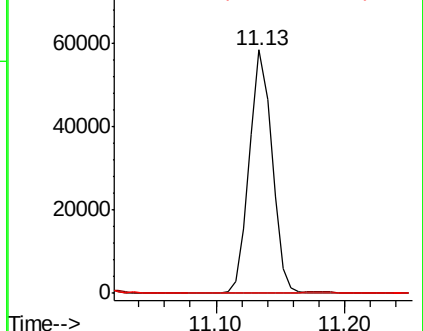
89 0.0 37.8 56.6#



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: 0.524 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.06 min

Lab File: VX010699.D

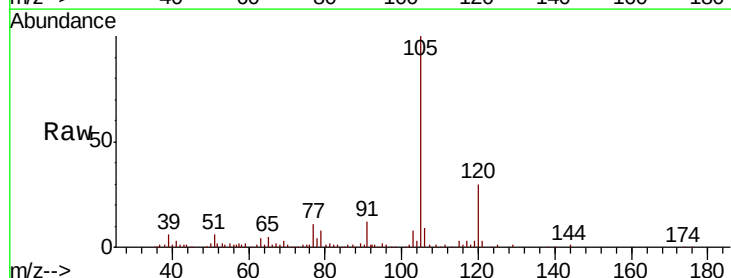
Acq: 08 Jul 2019 16:36

Tgt Ion: 91 Resp: 4229

Ion Ratio Lower Upper

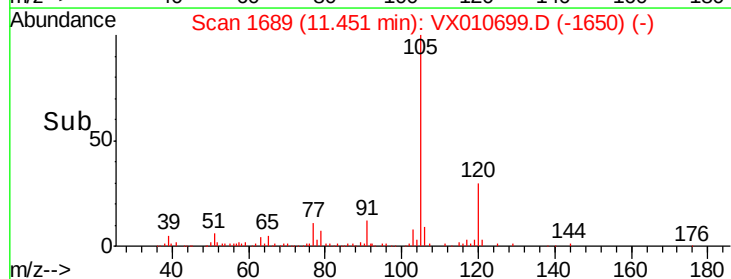
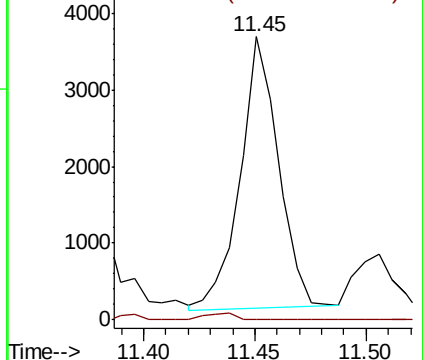
91 100

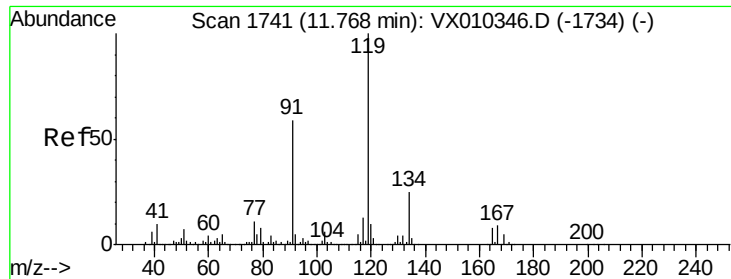
126 1.8 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

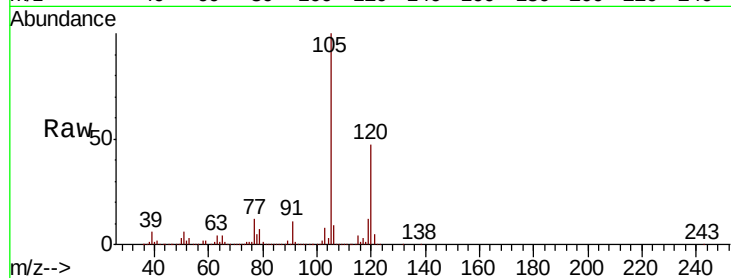




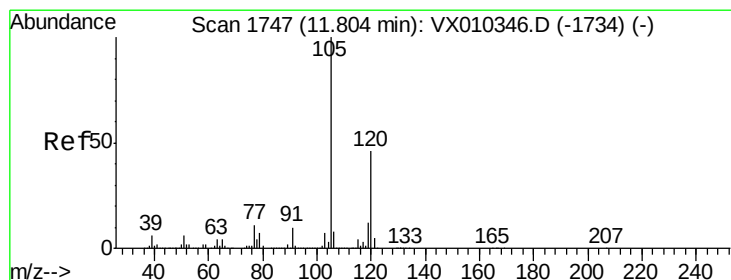
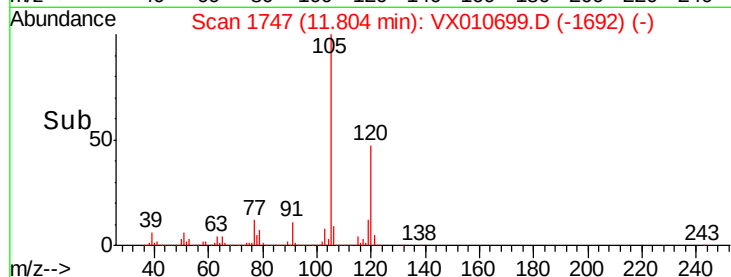
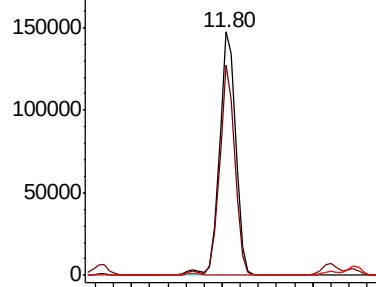
#83
 tert-Butylbenzene
 Concen: 20.444 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.04 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580

Tot Ion:119 Resp: 183187
 Ion Ratio Lower Upper
 119 100
 91 81.9 27.6 82.7
 134 0.0 11.8 35.4#

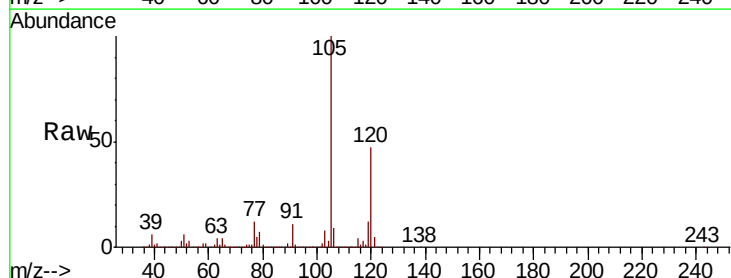


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

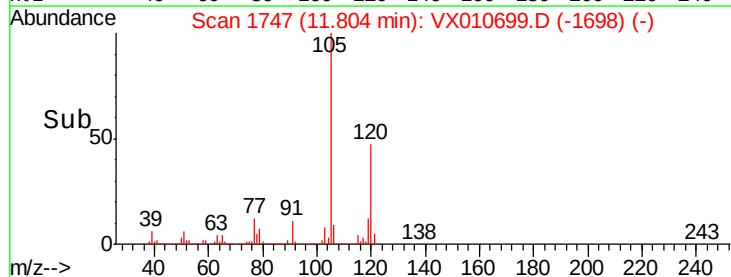
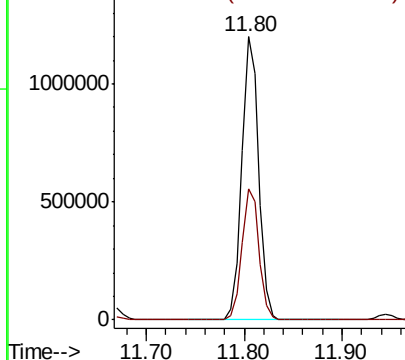


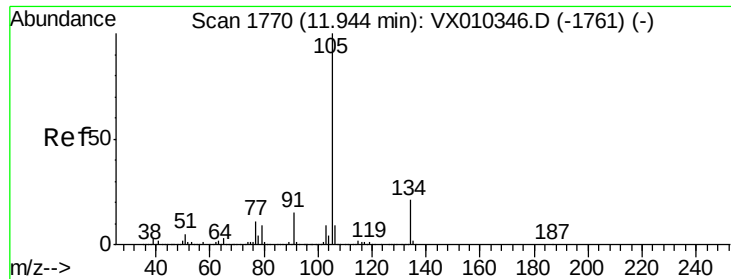
#84
 1,2,4-Trimethylbenzene
 Concen: 158.407 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010699.D
 Acq: 08 Jul 2019 16:36

Tgt Ion:105 Resp: 1420845
 Ion Ratio Lower Upper
 105 100
 120 47.0 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: 135.049 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

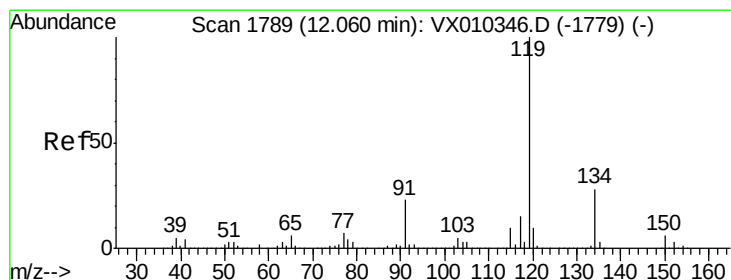
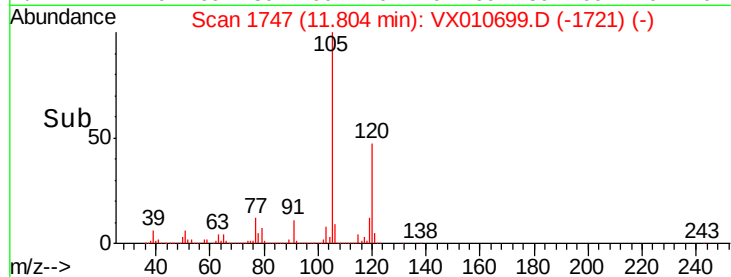
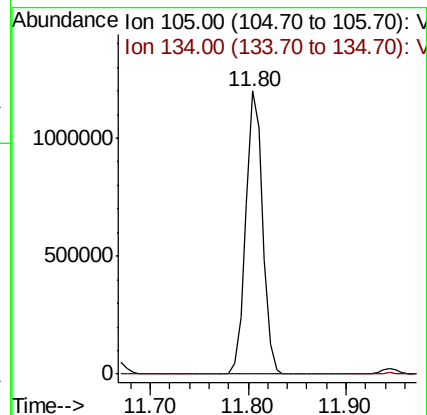
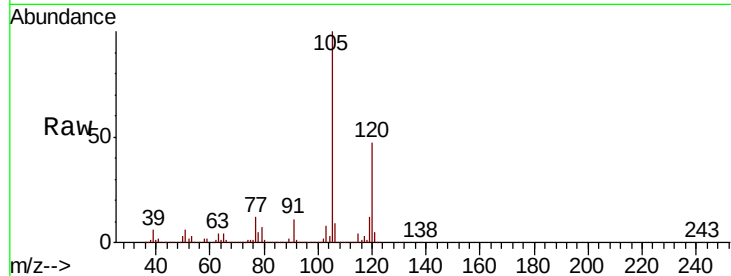
FL-0580

Tot Ion:105 Resp: 1420845

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#



#86

p-Isopropyltoluene

Concen: 2.613 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

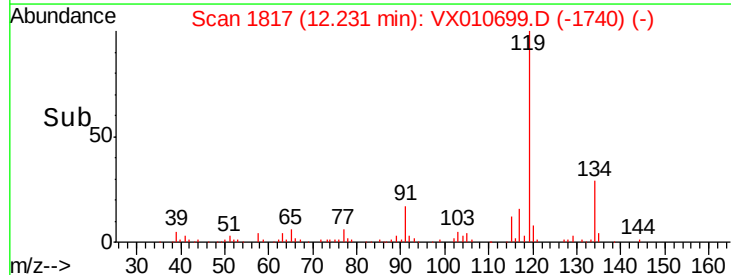
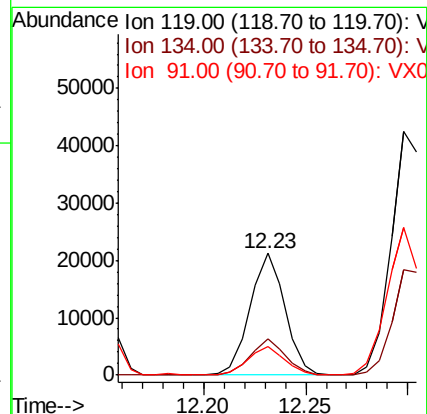
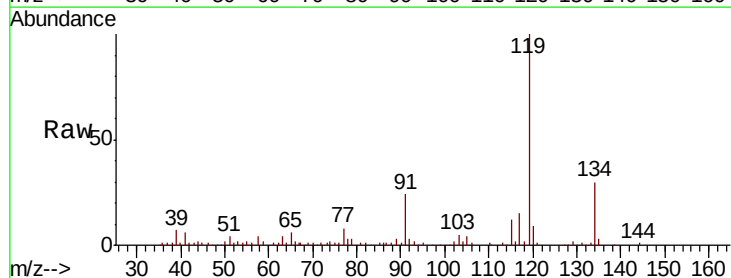
Tgt Ion:119 Resp: 25425

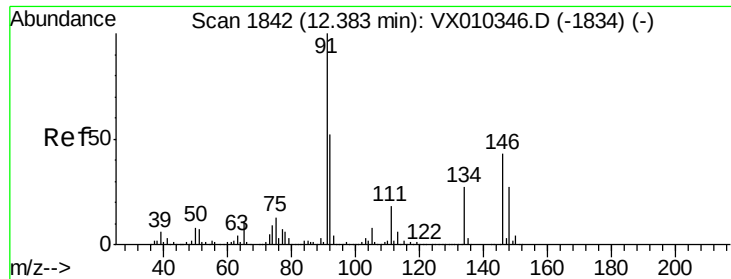
Ion Ratio Lower Upper

119 100

134 29.4 13.7 41.1

91 23.5 11.3 33.8





#89

n-Butylbenzene

Concen: 2.028 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

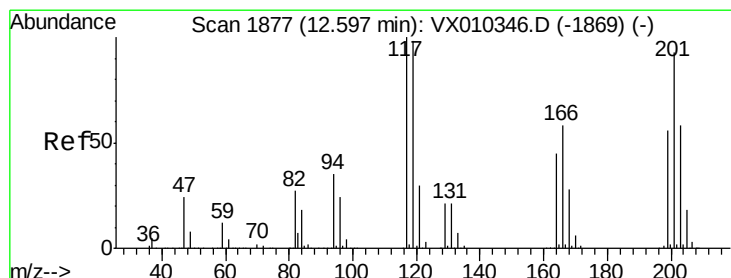
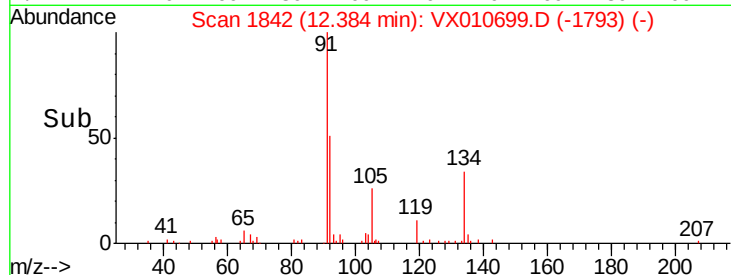
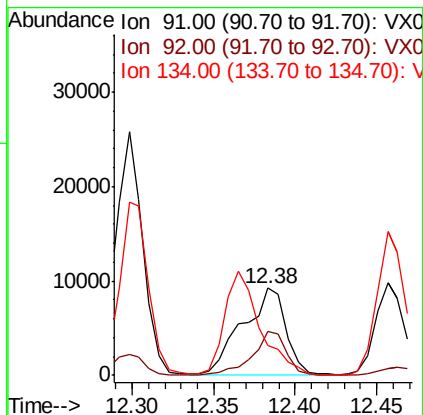
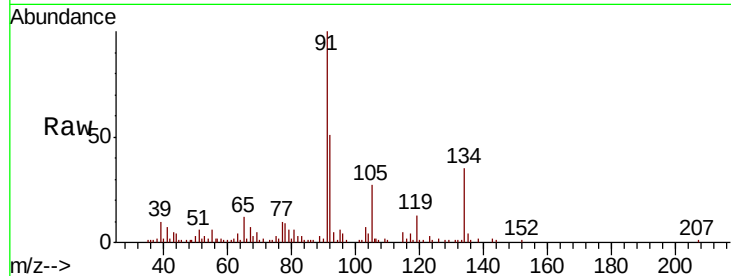
Tot Ion: 91 Resp: 16767

Ion Ratio Lower Upper

91 100

92 39.6 26.2 78.5

134 99.9 14.1 42.4#



#90

Hexachloroethane

Concen: 8.413 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010699.D

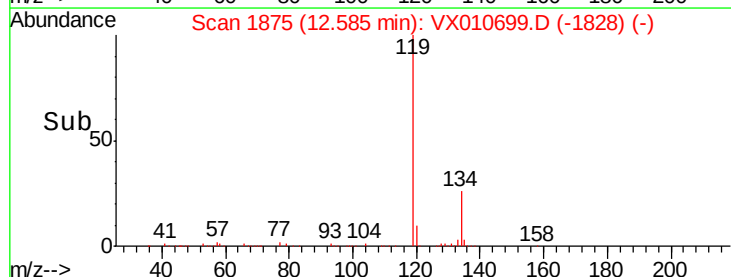
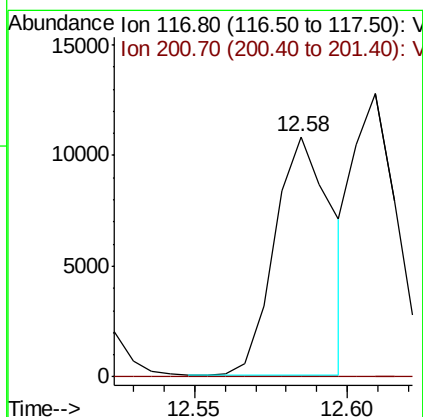
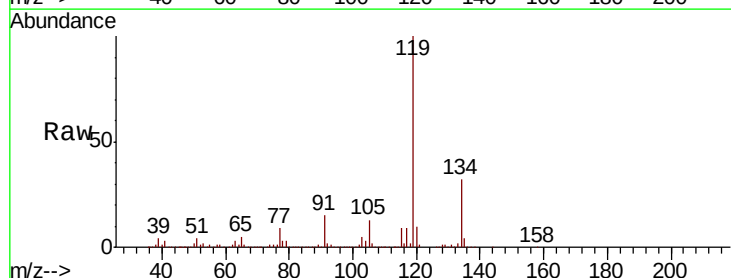
Acq: 08 Jul 2019 16:36

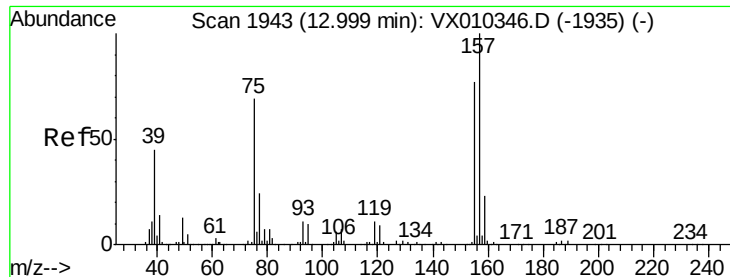
Tgt Ion: 117 Resp: 14157

Ion Ratio Lower Upper

117 100

201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.685 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

FL-0580

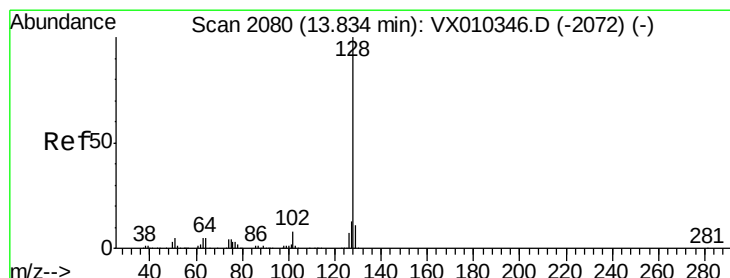
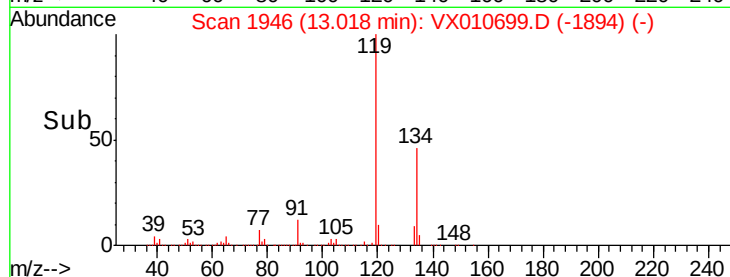
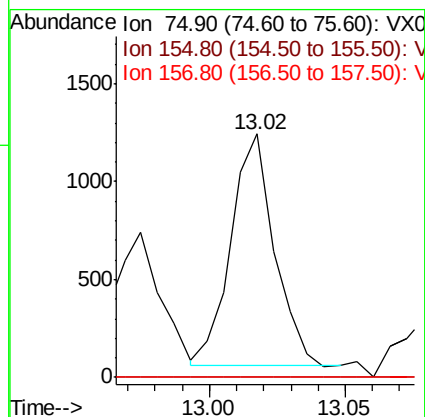
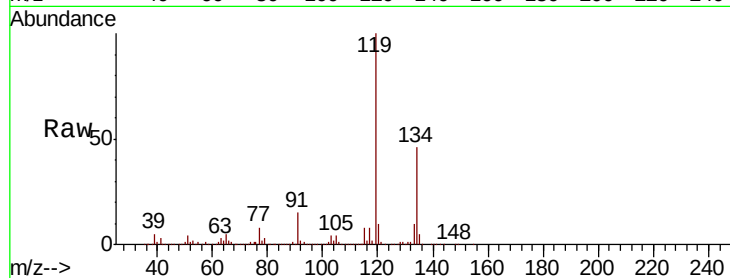
Tot Ion: 75 Resp: 1303

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#



#95

Naphthalene

Concen: 24.869 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010699.D

Acq: 08 Jul 2019 16:36

Tgt Ion:128 Resp: 278037

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.8 8.9 13.3

