

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070819\
 Data File : VX010706.D
 Acq On : 08 Jul 2019 19:19
 Operator : JC/SP
 Sample : K3669-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0582

Quant Time: Jul 09 01:12:04 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	242514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176291	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117941	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
35) Dibromofluoromethane	5.50	113	112630	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	8.71	98	448168	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.13	95	159797	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	474	0.452	ug/l #	54
6) Chloroethane	1.69	64	458	0.361	ug/l #	65
11) Tert butyl alcohol	3.02	59	1943	3.266	ug/l #	74
13) Acrolein	2.39	56	12335	31.252	ug/l #	79
14) Allyl chloride	2.84	41	37089	12.428	ug/l #	63
15) Acrylonitrile	3.17	53	12201	10.357	ug/l #	41
16) Acetone	2.44	43	5655	4.962	ug/l	95
18) Methyl Acetate	2.85	43	92497	40.726	ug/l #	48
25) 2-Butanone	4.56	43	3910	2.339	ug/l #	46
26) 2,2-Dichloropropane	4.40	77	5937	1.895	ug/l #	49
31) Cyclohexane	5.59	56	680942	207.327	ug/l	98
36) 1,1-Dichloropropene	5.66	75	15007	5.097	ug/l #	48
38) Carbon Tetrachloride	5.66	117	21205	6.650	ug/l #	15
39) Methylcyclohexane	7.46	83	1065917	275.399	ug/l	97
40) Benzene	6.15	78	621116	67.708	ug/l	99
42) 1,2-Dichloroethane	6.13	62	5132	1.838	ug/l #	71
43) Isopropyl Acetate	6.46	43	11910	2.376	ug/l #	61
45) 1,2-Dichloropropane	7.46	63	9868	4.260	ug/l #	1
47) Bromodichloromethane	7.85	83	1321	0.434	ug/l #	19
48) Methyl methacrylate	7.73	41	45008	19.321	ug/l #	50
49) 1,4-Dioxane	7.78	88	24	0.358	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	5479	1.709	ug/l #	39
55) 1,1,2-Trichloroethane	9.16	97	35623	14.298	ug/l #	19
56) Ethyl methacrylate	9.16	69	7193	1.906	ug/l #	1
59) 2-Hexanone	9.30	43	874	0.346	ug/l	79
67) Ethyl Benzene	10.25	91	2915810	247.051	ug/l	100
68) m/p-Xylenes	10.35	106	443000	96.869	ug/l	99
69) o-Xylene	10.69	106	3716	0.826	ug/l	98
73) Isopropylbenzene	11.02	105	940622	78.711	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	1417	0.358	ug/l #	24
76) 1,2,3-Trichloropropane	11.36	75	9576	2.981	ug/l #	1
78) n-propylbenzene	11.36	91	1540382	117.282	ug/l	98
79) 2-Chlorotoluene	11.43	91	65573	8.384	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	297678	30.216	ug/l	98

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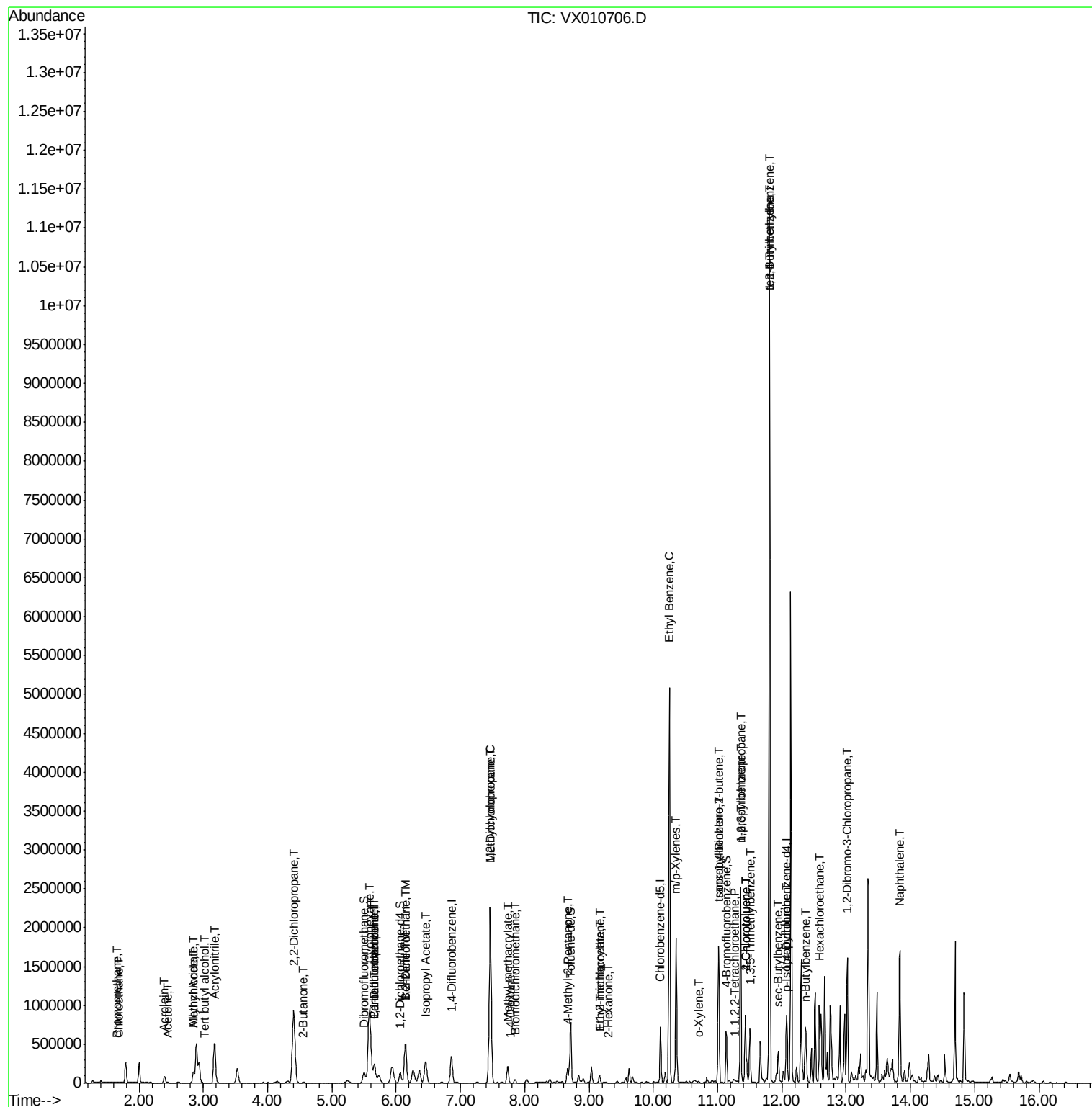
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.02	75	10541	7.655	ug/l #	58
82) 4-Chlorotoluene	11.43	91	65573	7.368	ug/l #	42
83) tert-Butylbenzene	11.81	119	641799	64.907	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.81	105	5090798	514.336	ug/l	99
85) sec-Butylbenzene	11.94	105	206961	17.826	ug/l	85
86) p-Isopropyltoluene	12.06	119	81895	7.626	ug/l	98
89) n-Butylbenzene	12.38	91	143182	15.691	ug/l #	47
90) Hexachloroethane	12.58	117	42045	22.643	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	4971	5.826	ug/l #	1
95) Naphthalene	13.83	128	1071606	86.860	ug/l	99

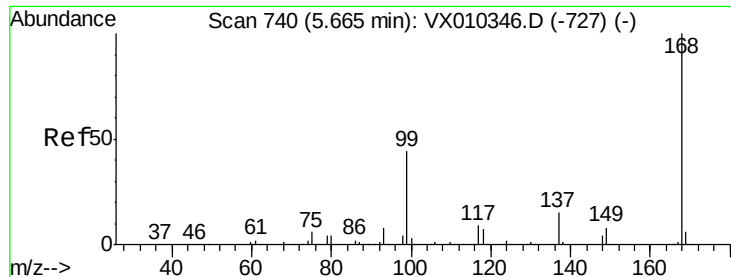
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

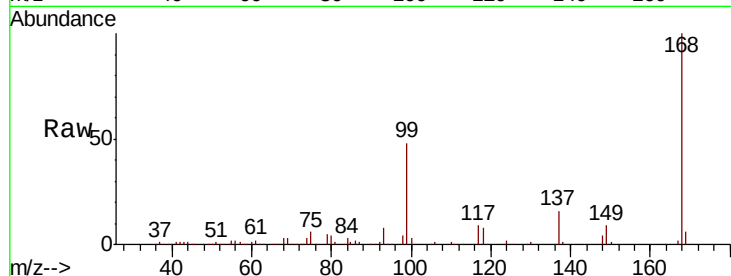
FL-0582

Tot Ion:168 Resp: 242514

Ion Ratio Lower Upper

168 100

99 48.3 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

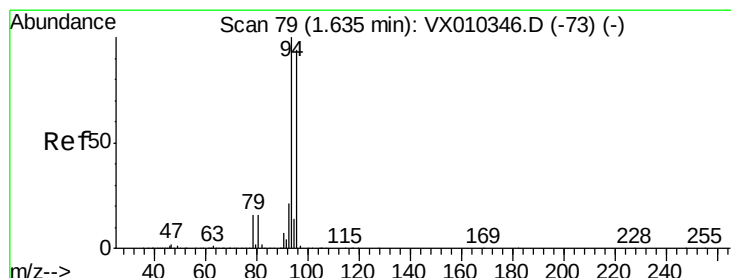
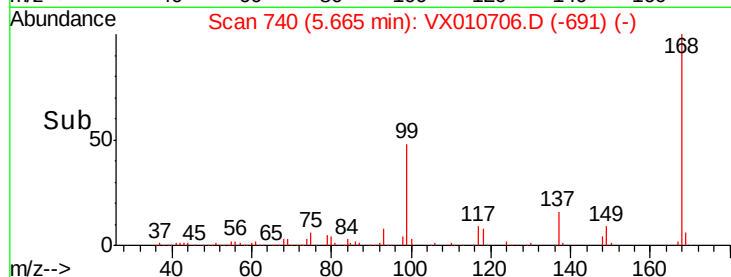
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.452 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010706.D

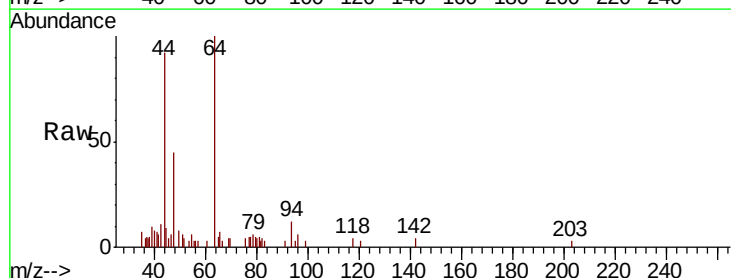
Acq: 08 Jul 2019 19:19

Tgt Ion: 94 Resp: 474

Ion Ratio Lower Upper

94 100

96 50.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

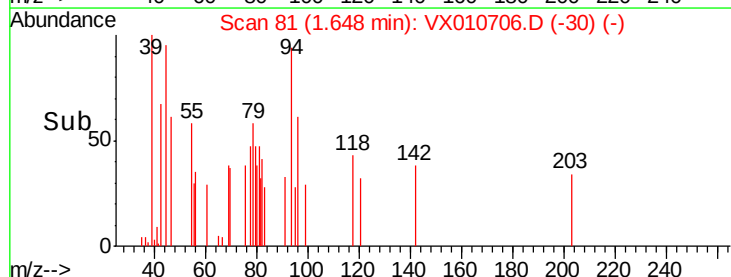
150

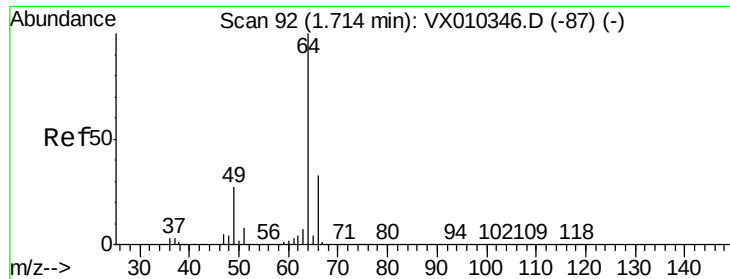
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.361 ug/l

RT: 1.69 min Scan# 88

Delta R.T. -0.02 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

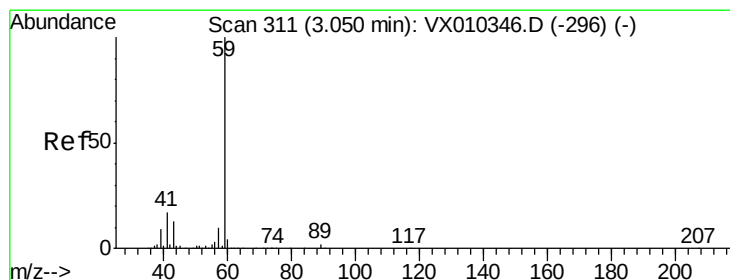
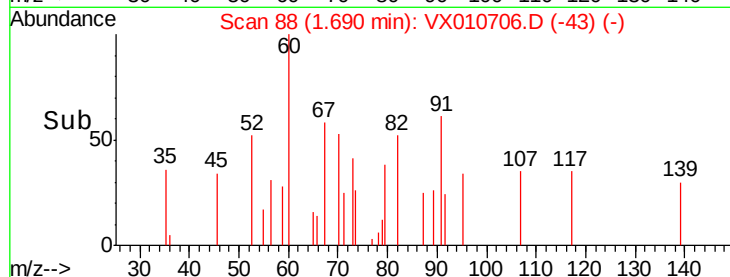
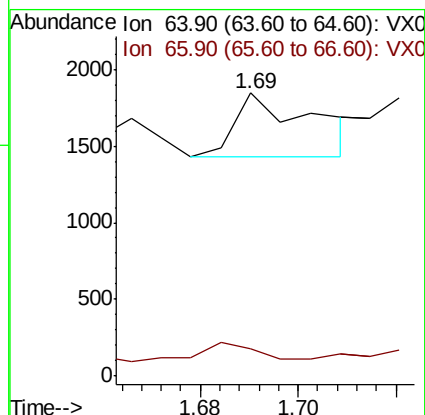
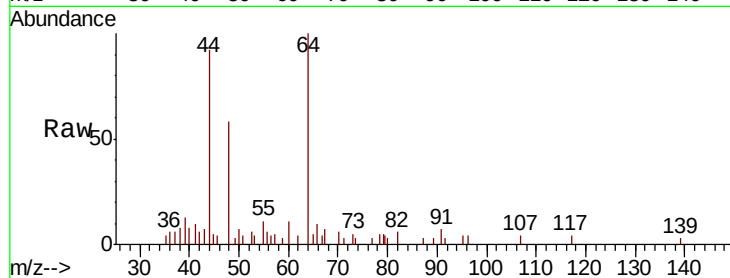
FL-0582

Tot Ion: 64 Resp: 458

Ion Ratio Lower Upper

64 100

66 13.7 26.6 40.0#



#11

Tert butyl alcohol

Concen: 3.266 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010706.D

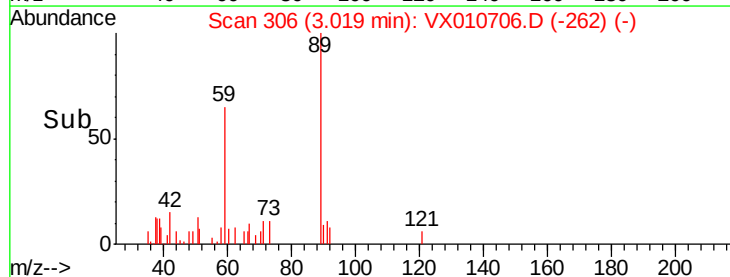
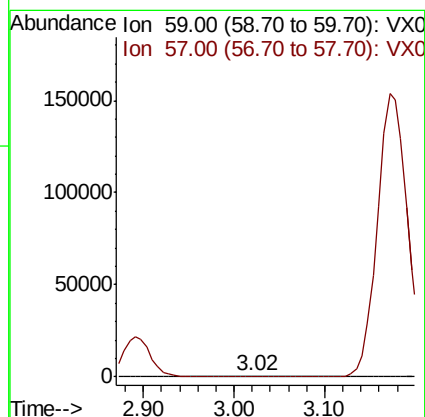
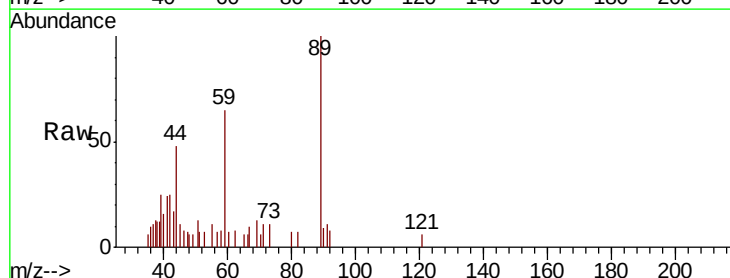
Acq: 08 Jul 2019 19:19

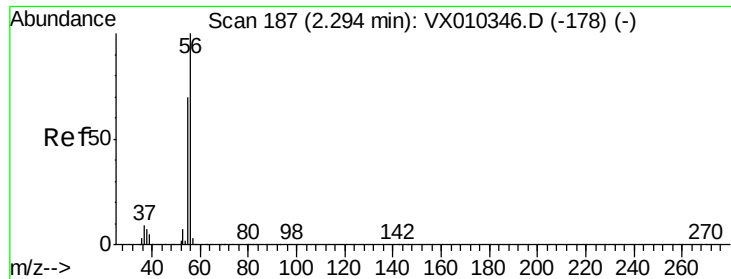
Tgt Ion: 59 Resp: 1943

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#





#13

Acrolein

Concen: 31.252 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.10 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

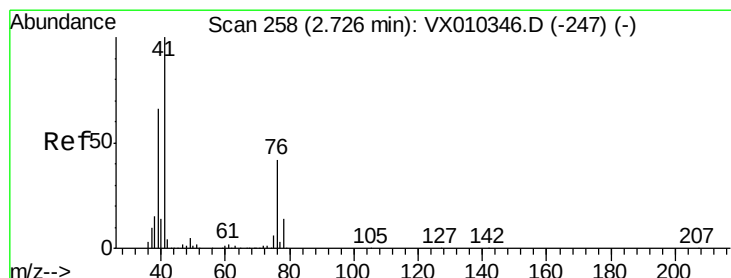
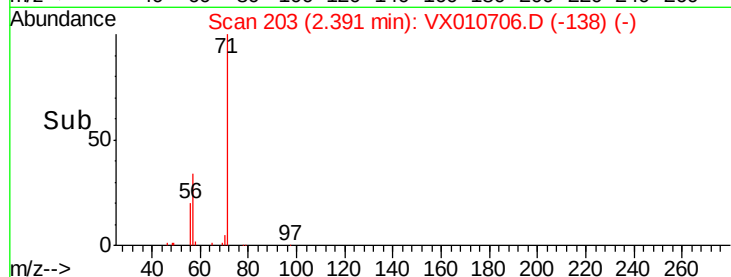
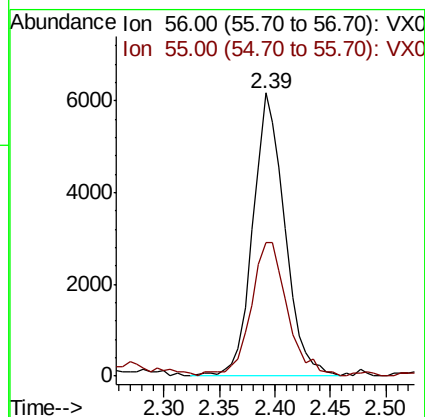
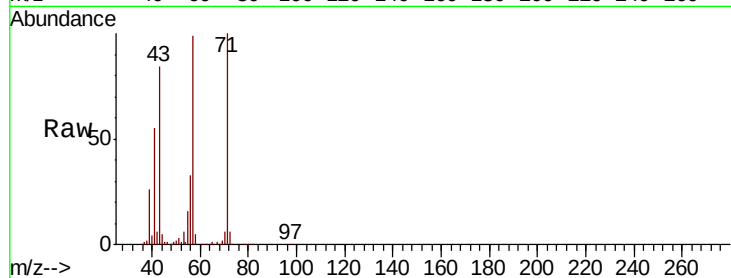
FL-0582

Tot Ion: 56 Resp: 12335

Ion Ratio Lower Upper

56 100

55 53.9 56.9 85.3#



#14

Allyl chloride

Concen: 12.428 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.12 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

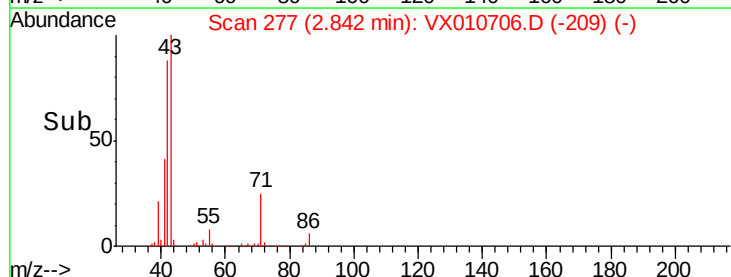
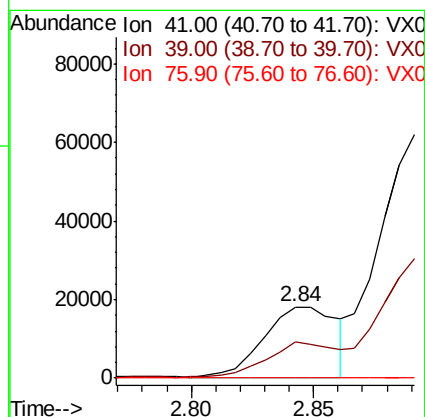
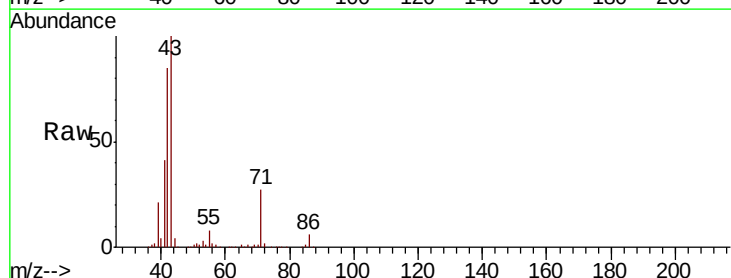
Tgt Ion: 41 Resp: 37089

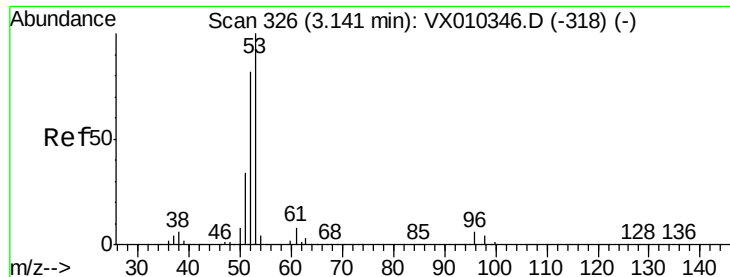
Ion Ratio Lower Upper

41 100

39 46.9 50.3 75.5#

76 0.3 31.3 46.9#





#15

Acrylonitrile

Concen: 10.357 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.03 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

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ClientSampleId :

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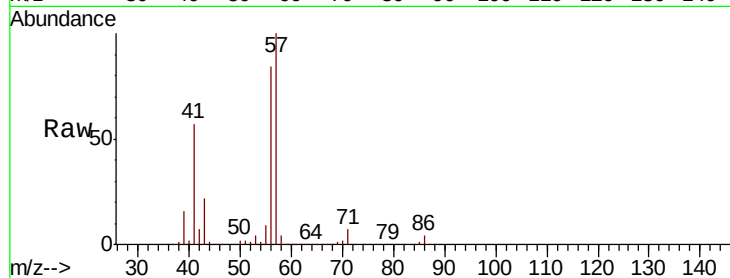
Tot Ion: 53 Resp: 12201

Ion Ratio Lower Upper

53 100

52 22.9 65.5 98.3#

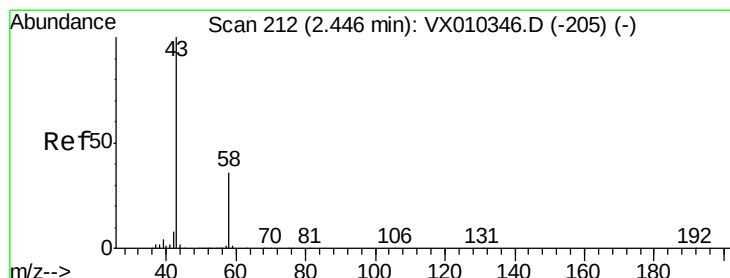
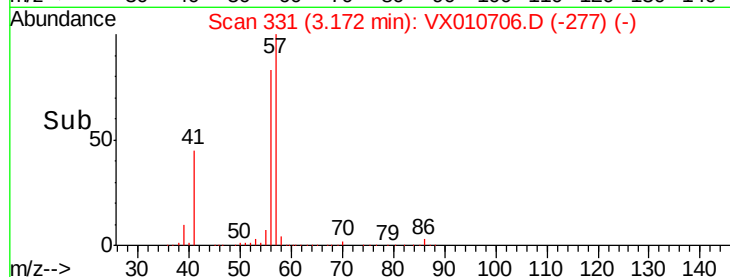
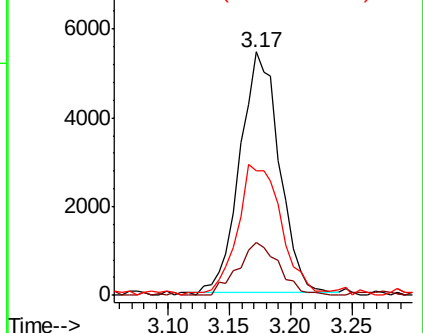
51 60.4 28.2 42.4#



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: 4.962 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010706.D

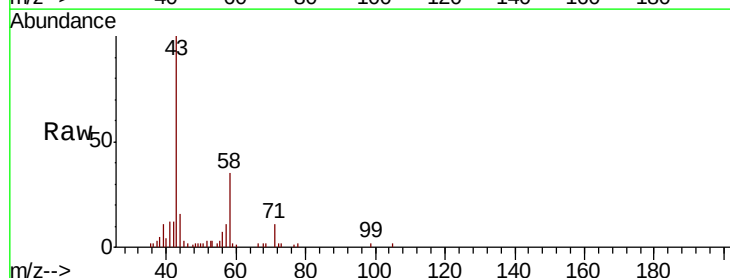
Acq: 08 Jul 2019 19:19

Tgt Ion: 43 Resp: 5655

Ion Ratio Lower Upper

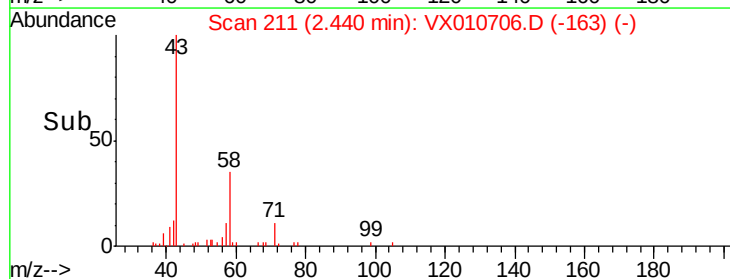
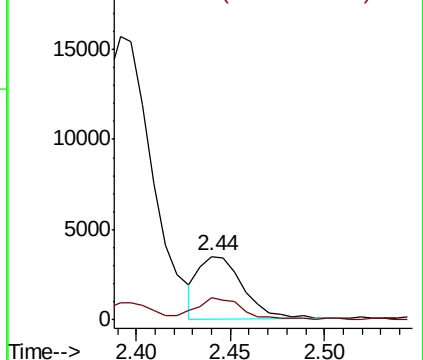
43 100

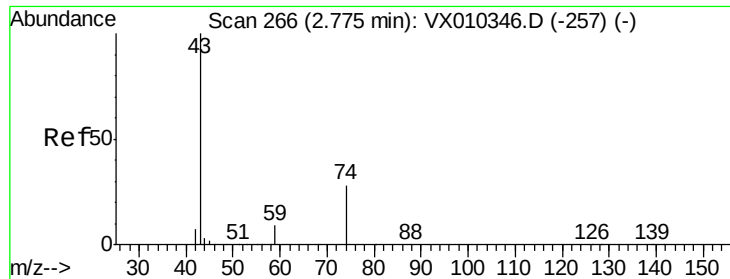
58 33.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

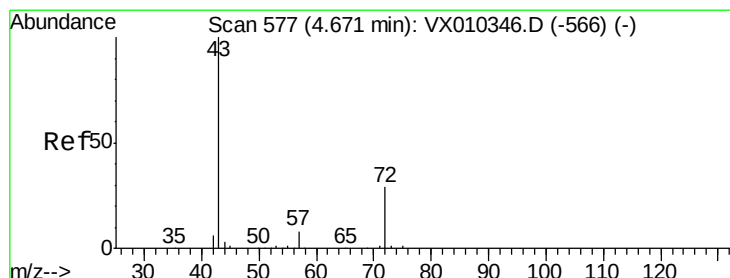
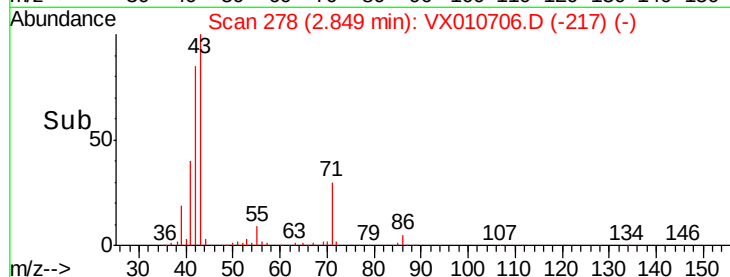
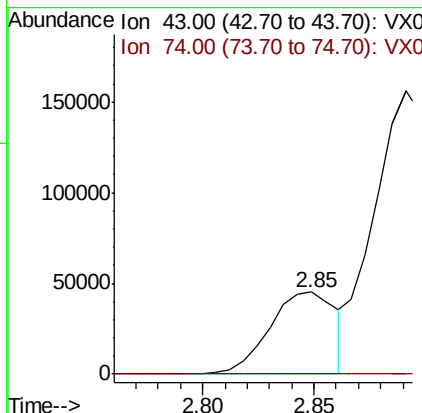
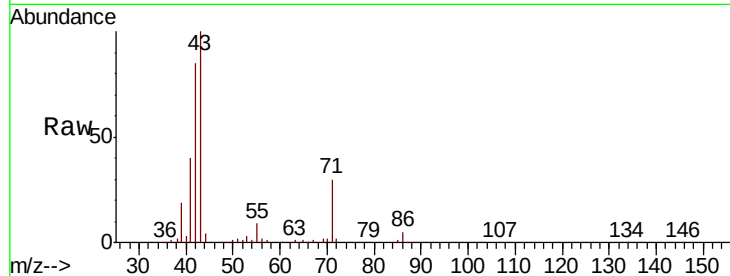




#18
Methyl Acetate
Concen: 40.726 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

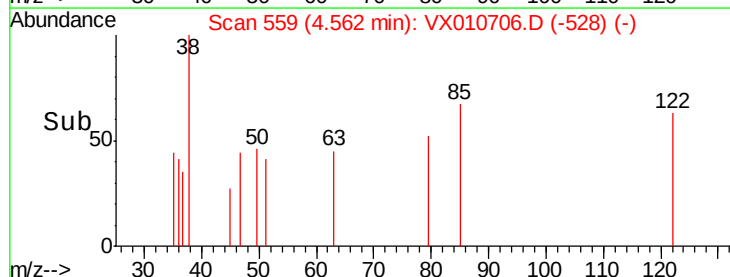
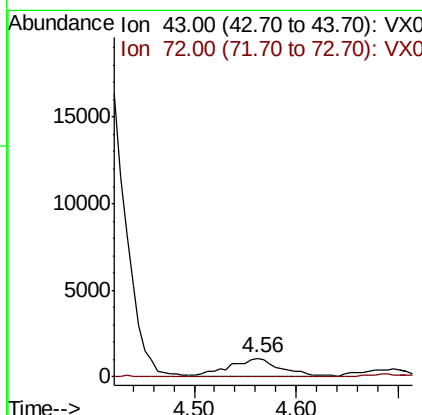
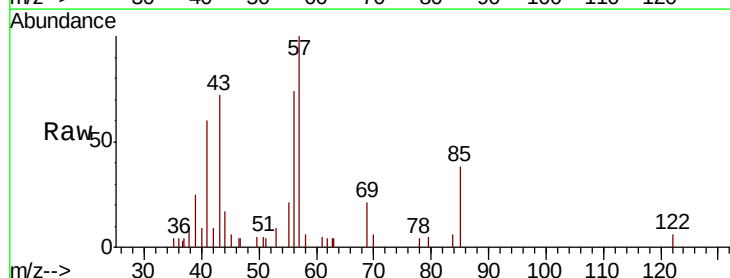
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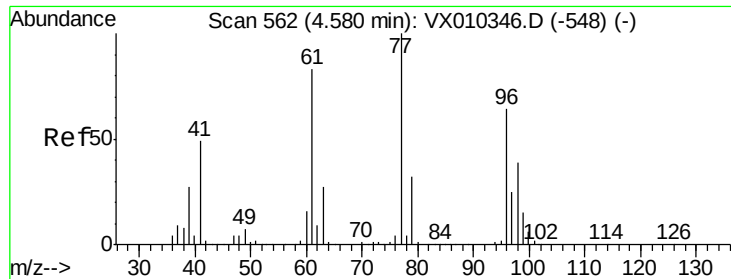
Tot Ion: 43 Resp: 92497
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



#25
2-Butanone
Concen: 2.339 ug/l
RT: 4.56 min Scan# 559
Delta R.T. -0.11 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion: 43 Resp: 3910
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#

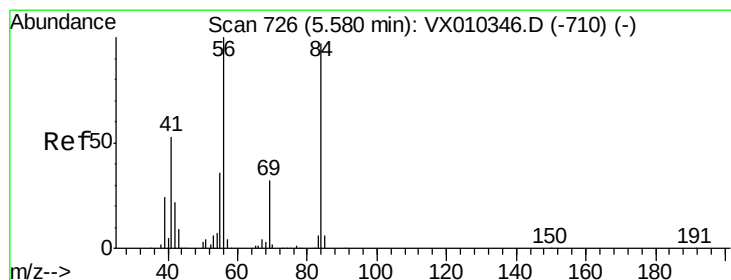
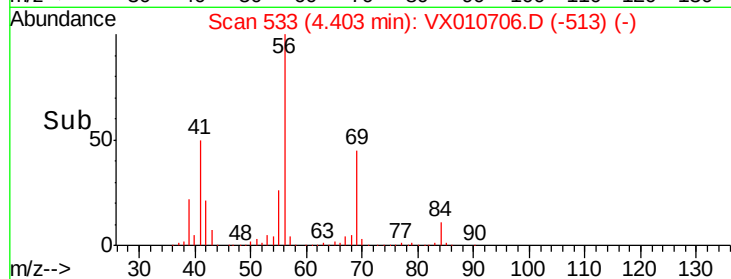
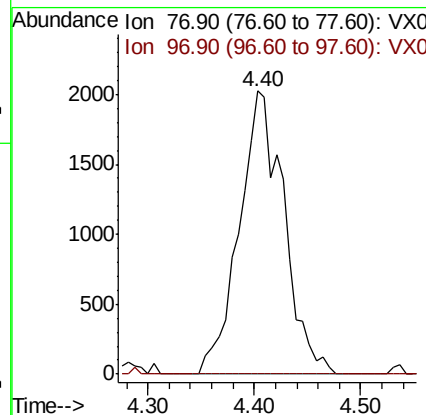
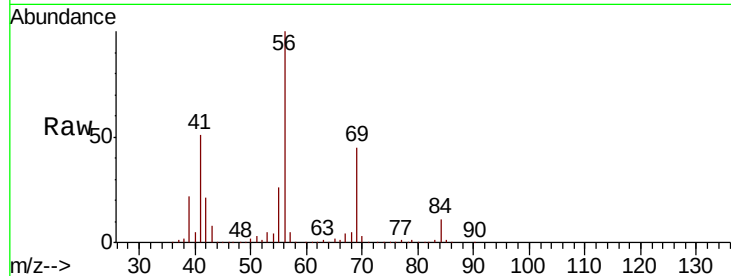




#26
 2,2-Dichloropropane
 Concen: 1.895 ug/l
 RT: 4.40 min Scan# 533
 Delta R.T. -0.18 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

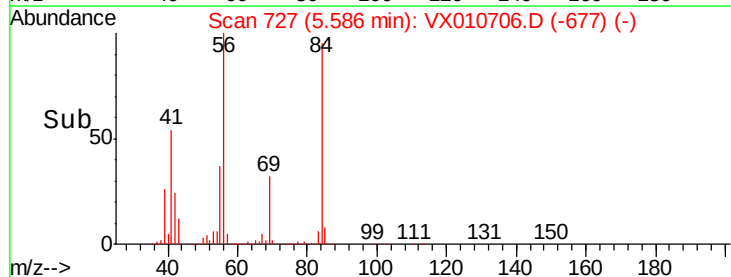
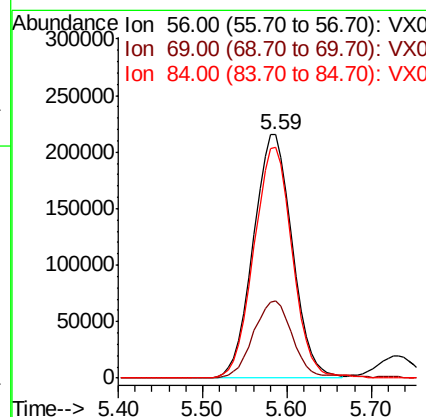
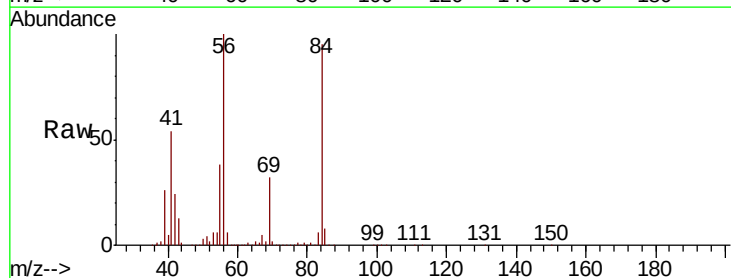
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0582

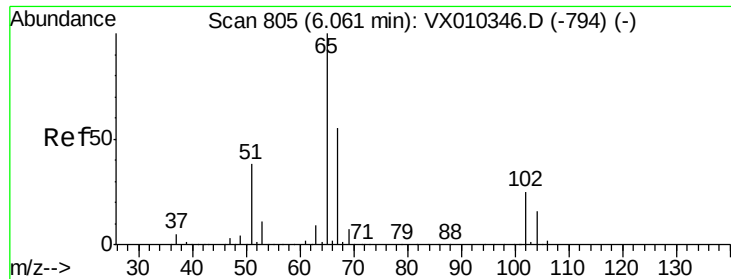
Tot Ion: 77 Resp: 5937
 Ion Ratio Lower Upper
 77 100
 97 0.0 13.1 39.3#



#31
 Cyclohexane
 Concen: 207.327 ug/l
 RT: 5.59 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

Tgt Ion: 56 Resp: 680942
 Ion Ratio Lower Upper
 56 100
 69 31.6 25.9 38.9
 84 94.7 78.0 117.0

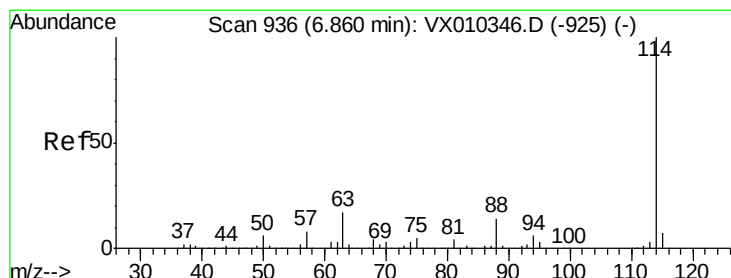
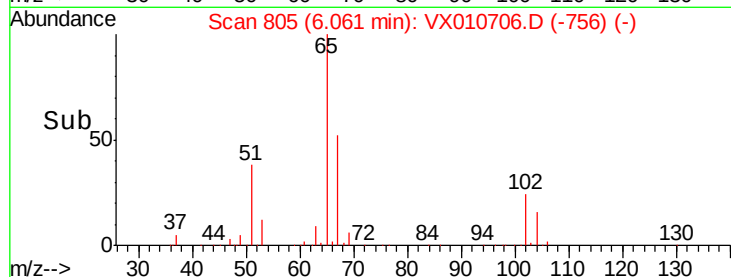
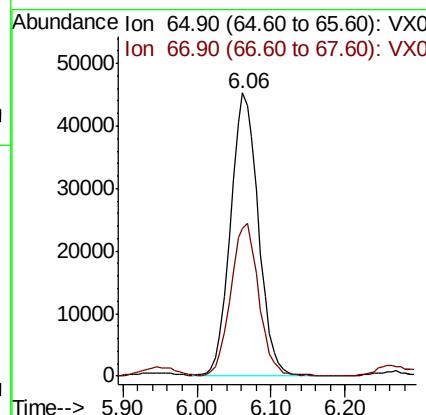
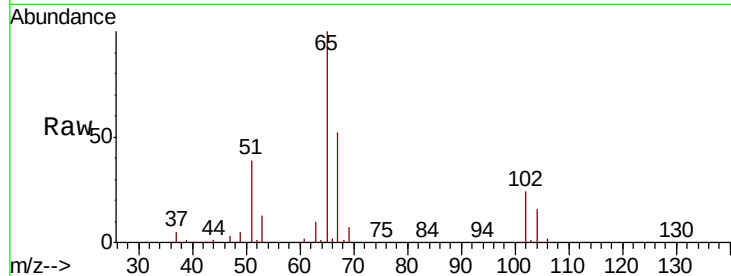




#33
 1,2-Dichloroethane-d4
 Concen: 51.869 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

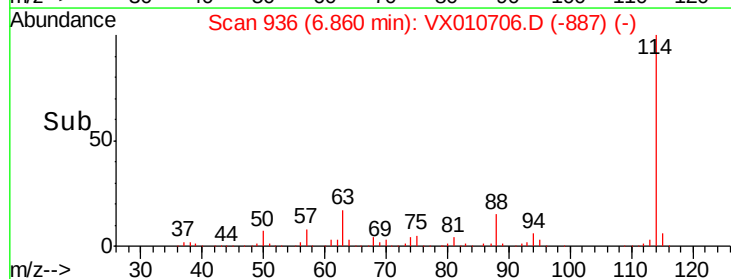
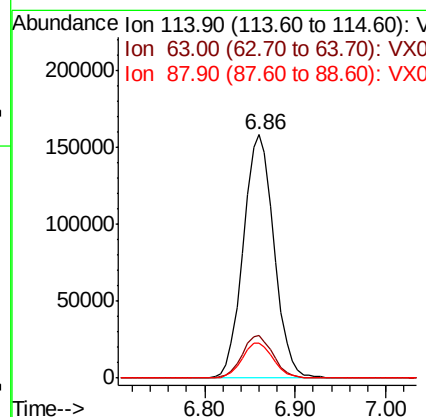
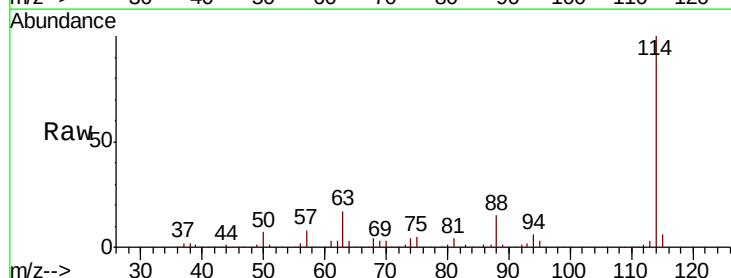
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0582

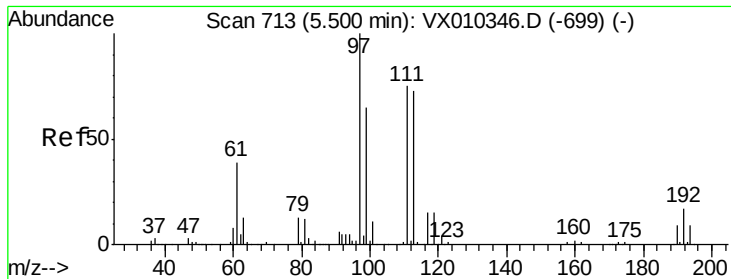
Tot Ion: 65 Resp: 117941
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

Tgt Ion: 114 Resp: 370537
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 33.8
 88 14.6 0.0 27.6

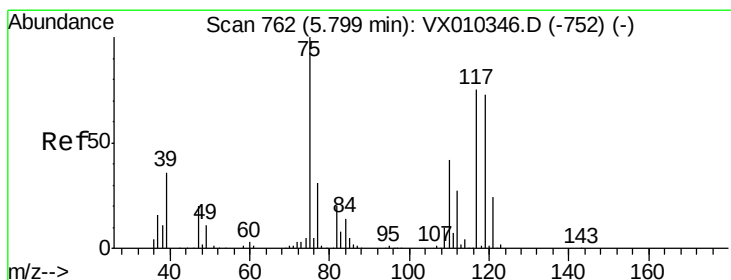
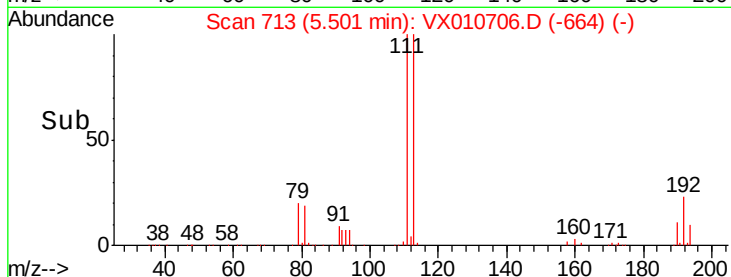
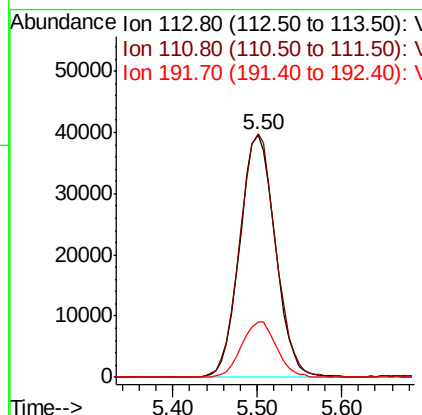
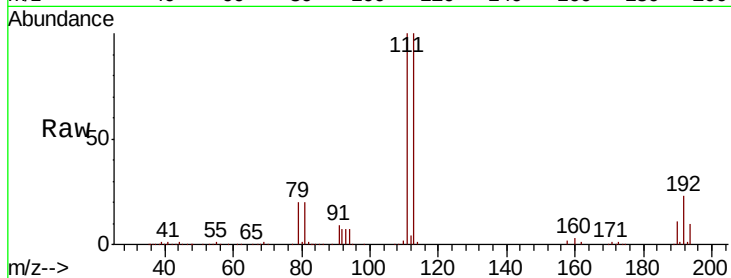




#35
 Dibromofluoromethane
 Concen: 49.681 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

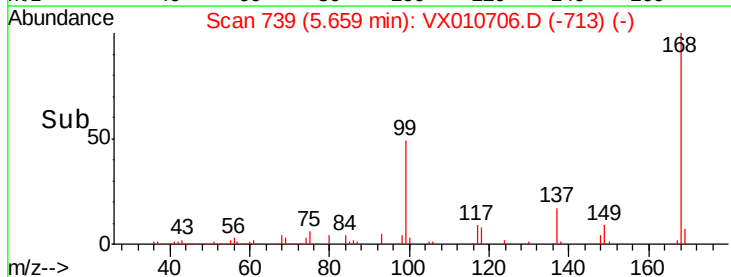
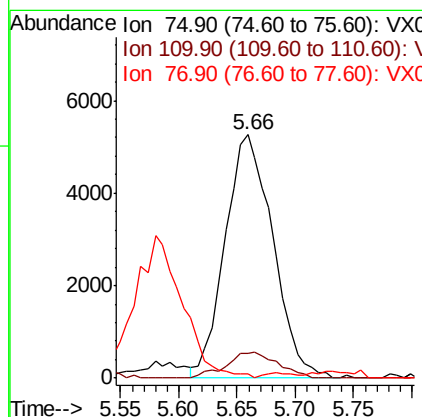
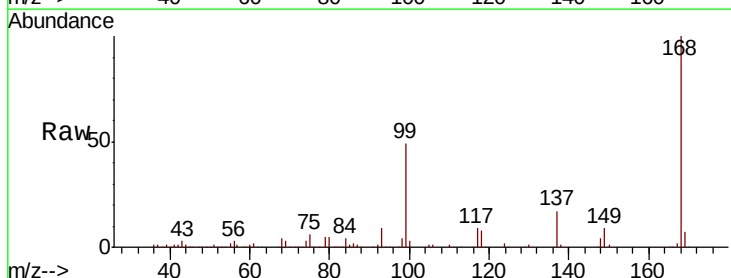
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0582

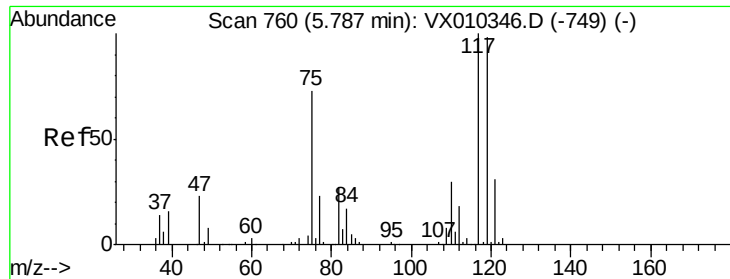
Tot Ion:113 Resp: 112630
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.2 121.8
 192 22.7 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 5.097 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

Tgt Ion: 75 Resp: 15007
 Ion Ratio Lower Upper
 75 100
 110 11.3 20.8 62.2#
 77 0.0 25.4 38.0#

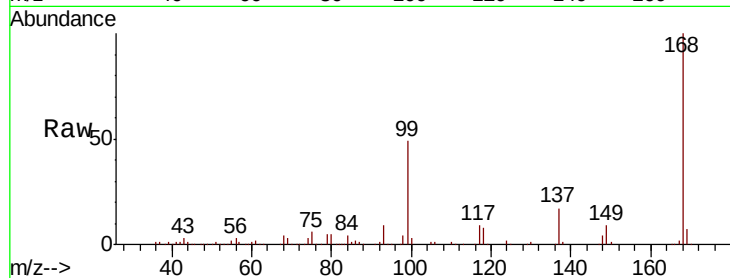




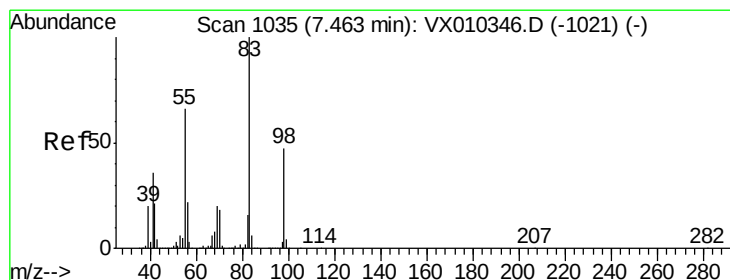
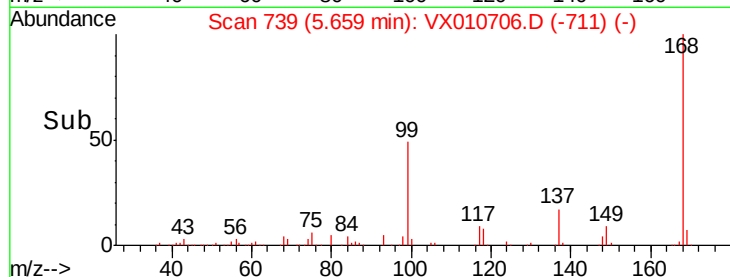
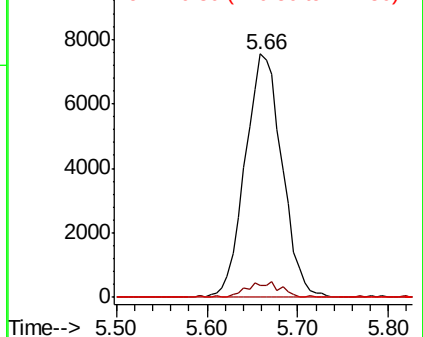
#38
Carbon Tetrachloride
Concen: 6.650 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Instrument :
MSVOA_X
ClientSampled :
FL-0582

Tot Ion:117 Resp: 21205
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.4#
121 0.0 24.7 37.1#

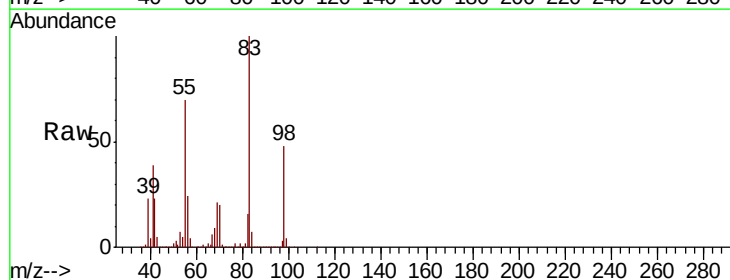


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

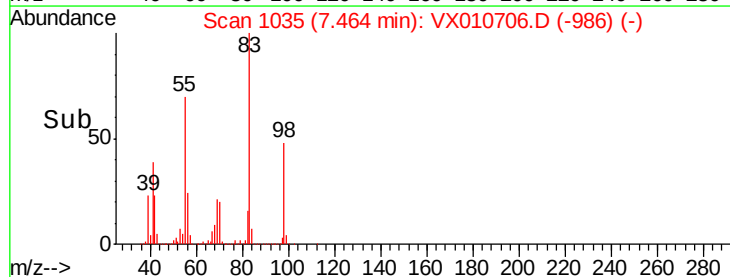
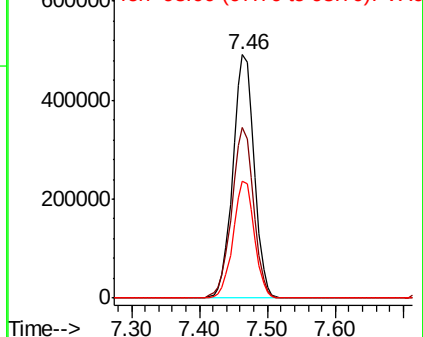


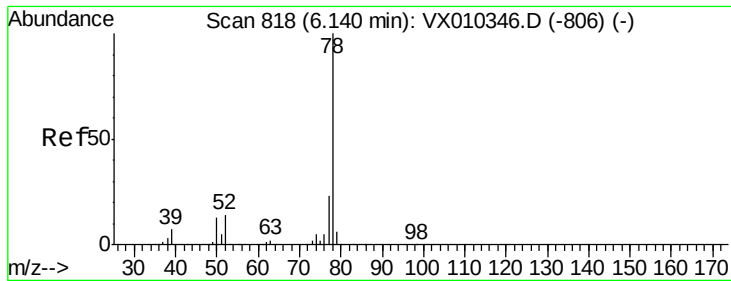
#39
Methylcyclohexane
Concen: 275.399 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion: 83 Resp: 1065917
Ion Ratio Lower Upper
83 100
55 70.3 53.0 79.6
98 47.9 37.8 56.8



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 67.708 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

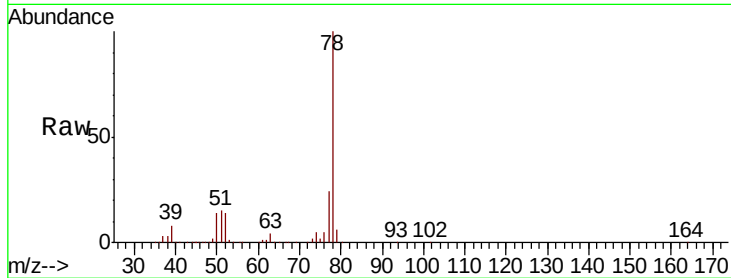
FL-0582

Tot Ion: 78 Resp: 621116

Ion Ratio Lower Upper

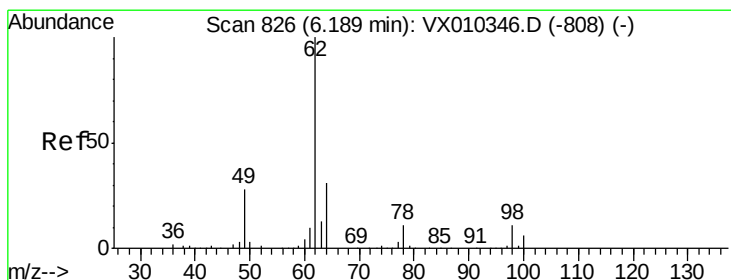
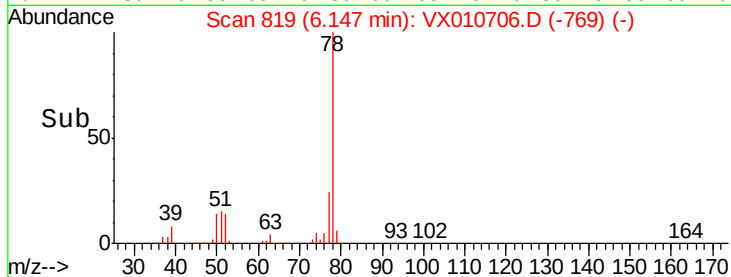
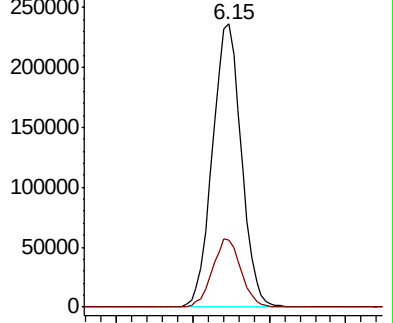
78 100

77 23.7 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 1.838 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.05 min

Lab File: VX010706.D

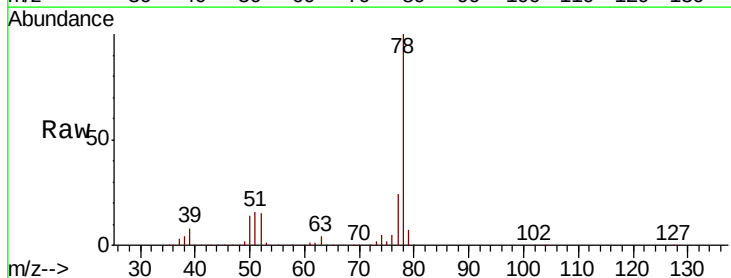
Acq: 08 Jul 2019 19:19

Tgt Ion: 62 Resp: 5132

Ion Ratio Lower Upper

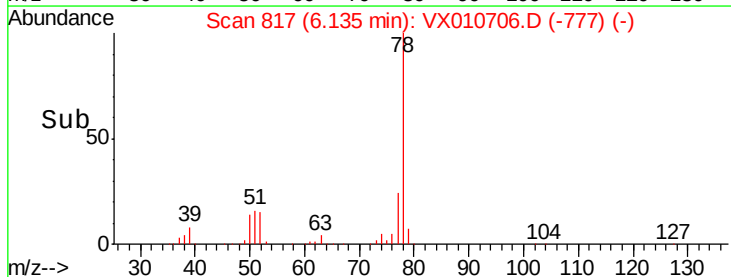
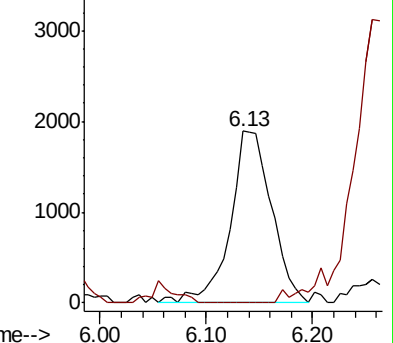
62 100

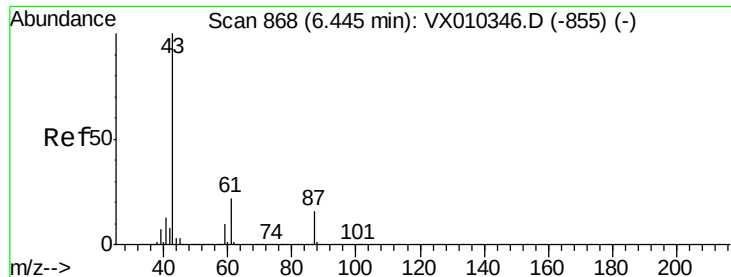
98 0.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 2.376 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

FL-0582

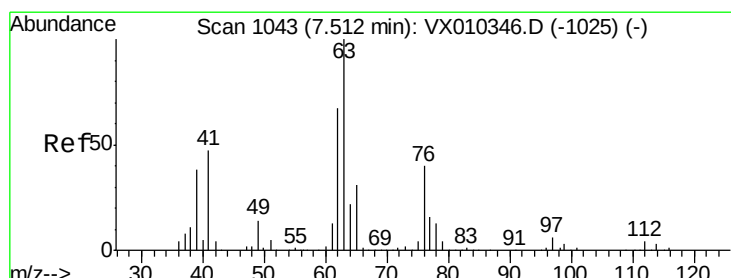
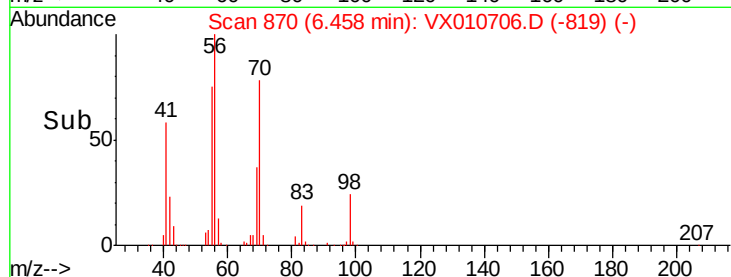
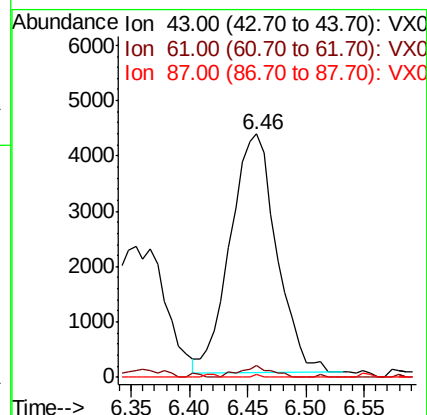
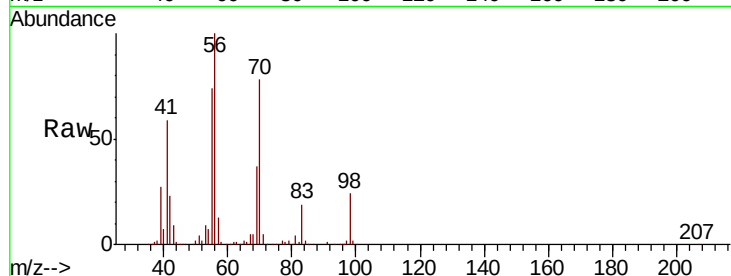
Tot Ion: 43 Resp: 11910

Ion Ratio Lower Upper

43 100

61 3.3 17.8 26.6#

87 0.2 13.0 19.4#



#45

1,2-Dichloropropane

Concen: 4.260 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010706.D

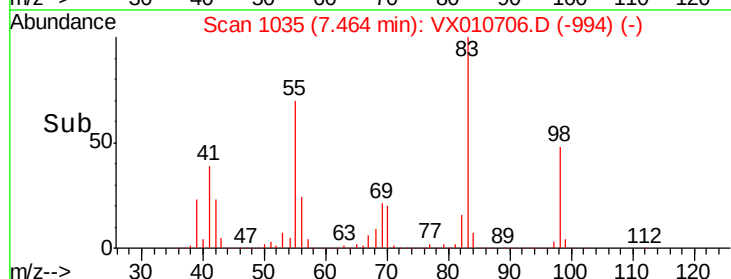
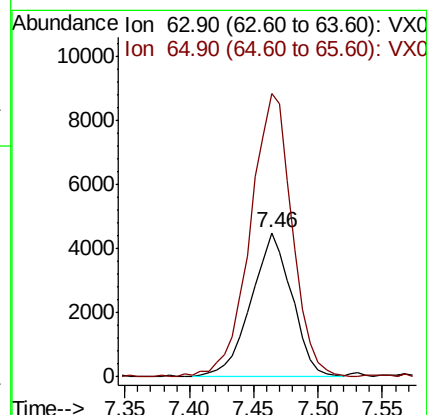
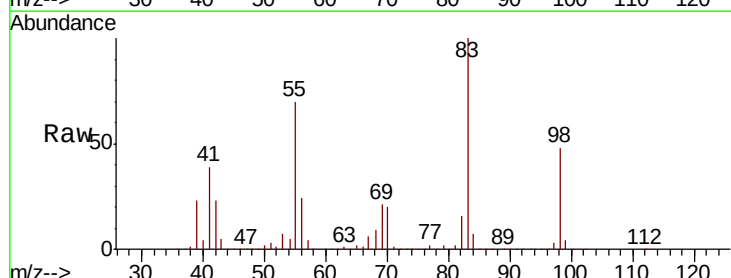
Acq: 08 Jul 2019 19:19

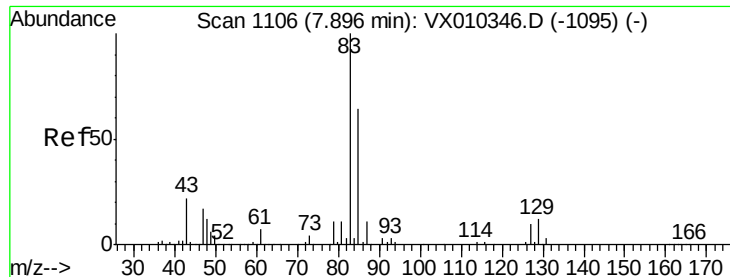
Tgt Ion: 63 Resp: 9868

Ion Ratio Lower Upper

63 100

65 195.1 24.8 37.2#





#47

Bromodichloromethane

Concen: 0.434 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

FL-0582

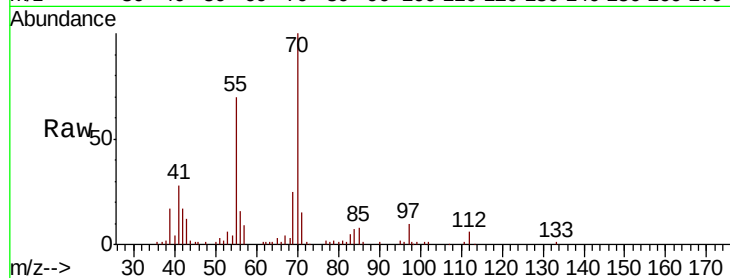
Tot Ion: 83 Resp: 1321

Ion Ratio Lower Upper

83 100

85 134.3 51.5 77.3#

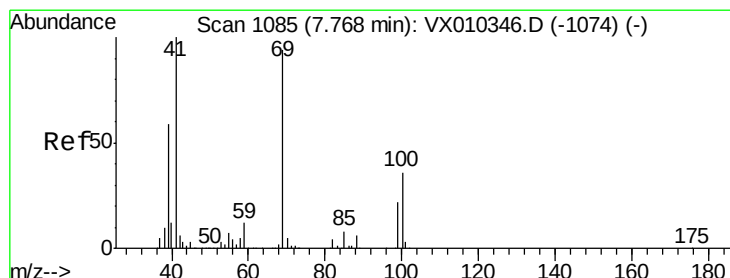
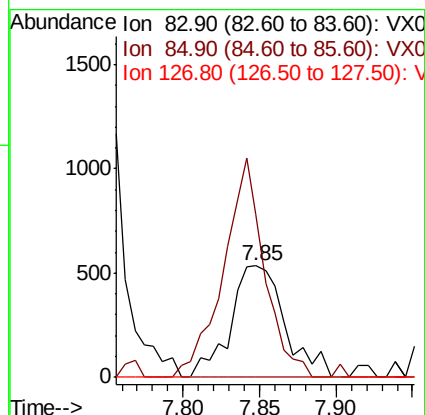
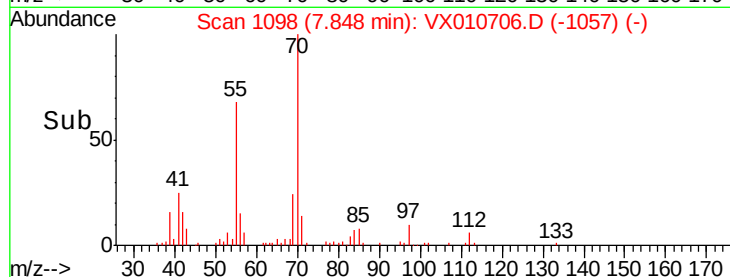
127 0.0 7.8 11.8#



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

Methyl methacrylate

Concen: 19.321 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

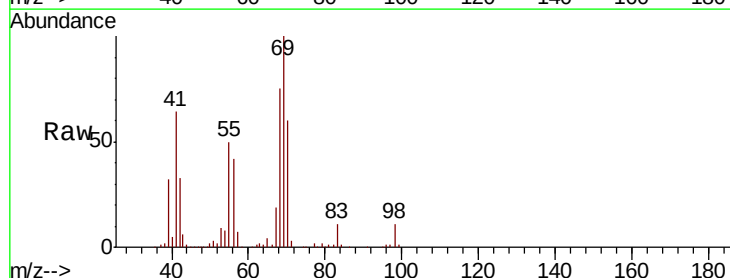
Tgt Ion: 41 Resp: 45008

Ion Ratio Lower Upper

41 100

69 166.7 76.1 114.1#

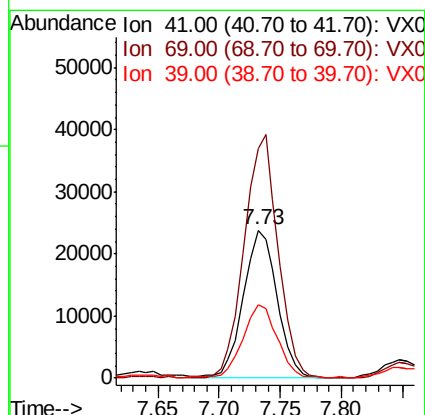
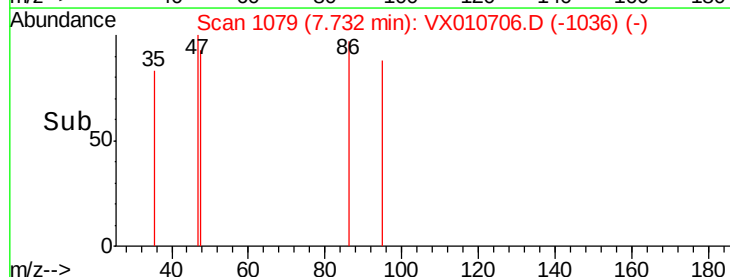
39 49.6 47.6 71.4

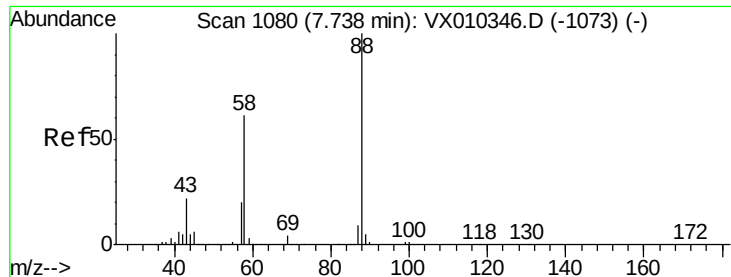


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

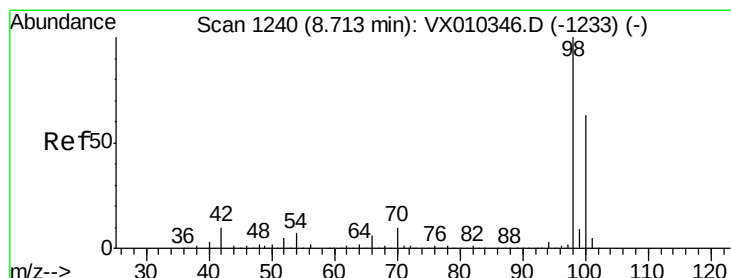
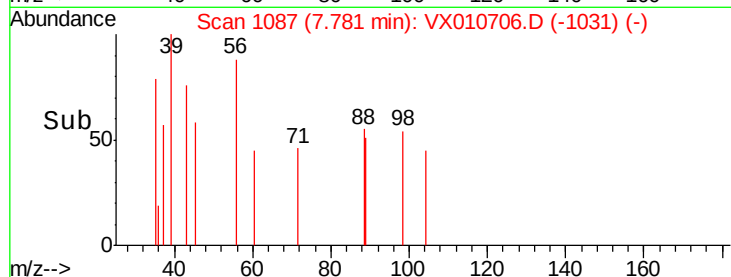
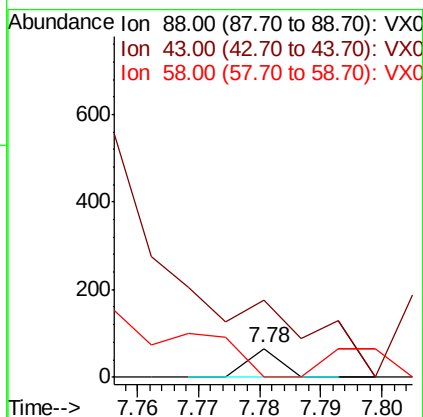
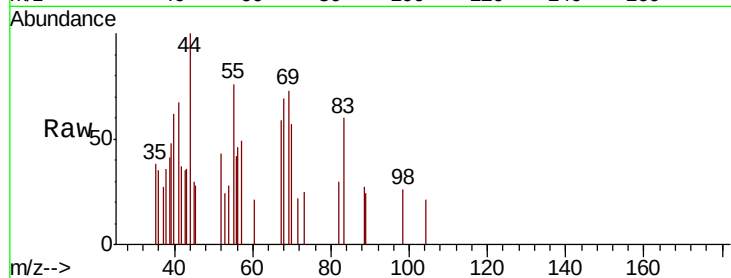




#49
1,4-Dioxane
Concen: 0.358 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.04 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

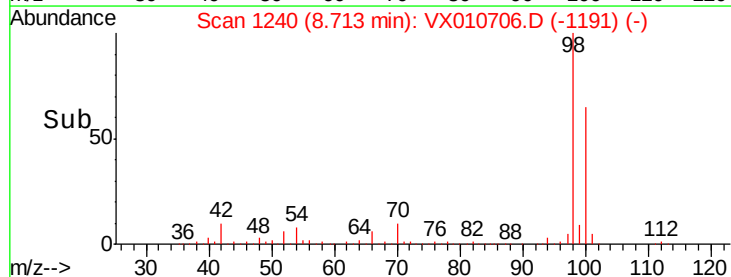
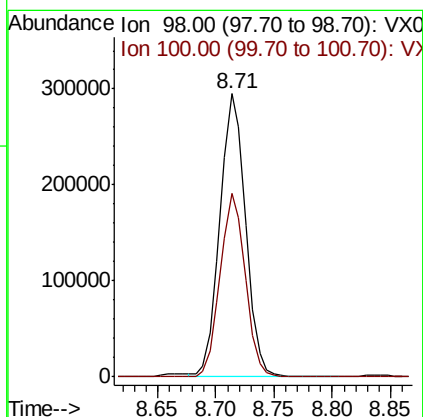
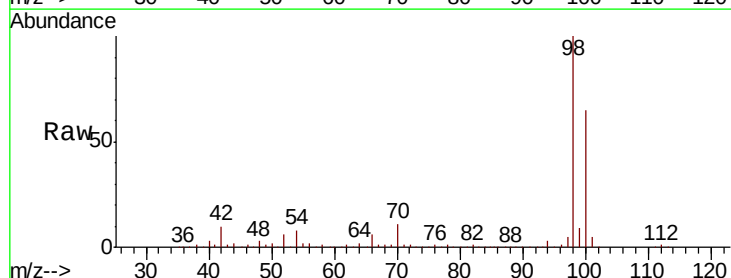
Instrument :
MSVOA_X
ClientSampled :
FL-0582

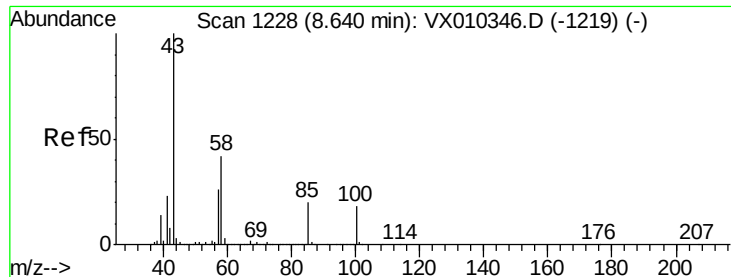
Tot Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 200.0 49.5 74.3#



#50
Toluene-d8
Concen: 51.672 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion: 98 Resp: 448168
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

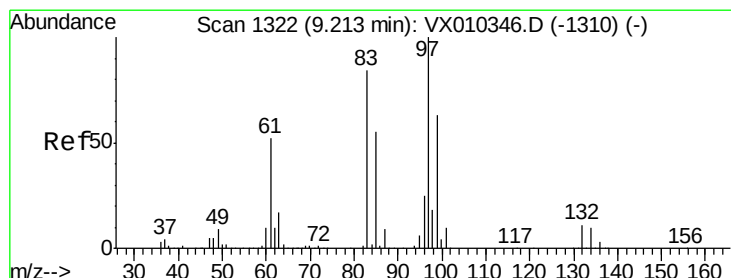
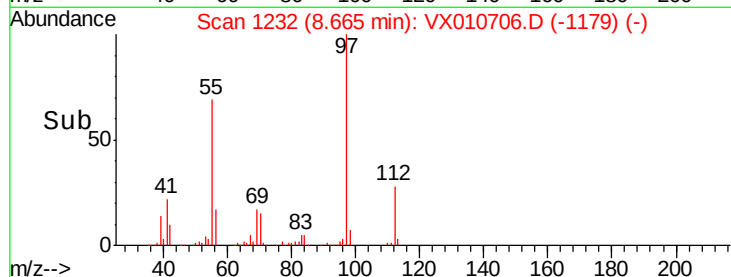
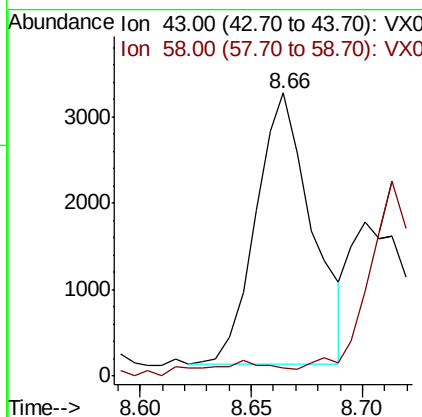
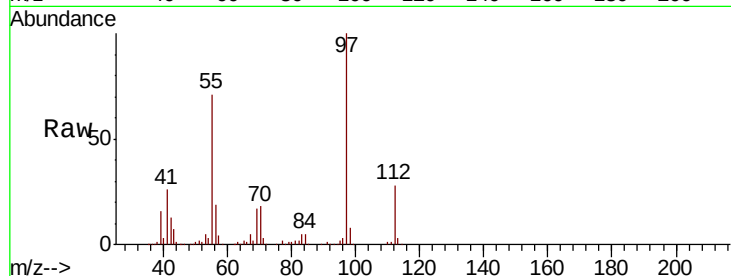




#51
 4-Methyl-2-Pentanone
 Concen: 1.709 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

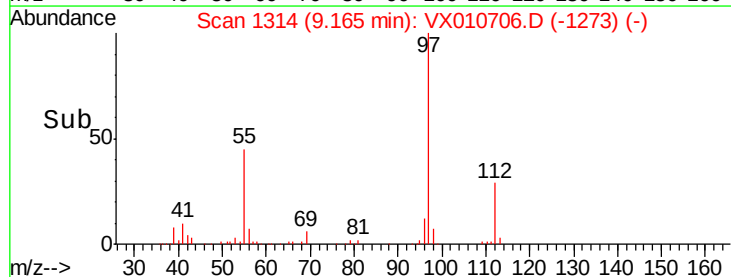
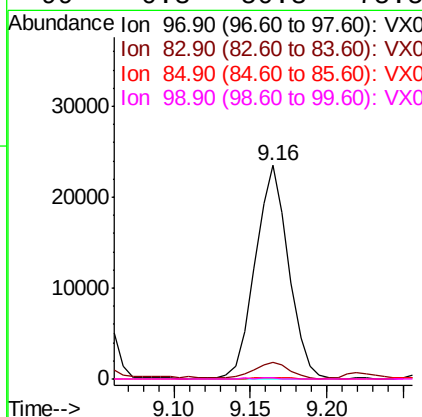
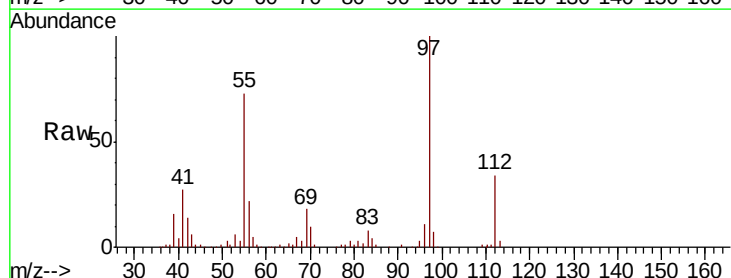
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0582

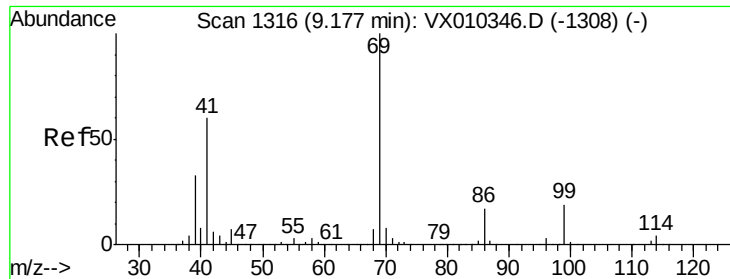
Tot Ion: 43 Resp: 5479
 Ion Ratio Lower Upper
 43 100
 58 3.4 33.5 50.3#



#55
 1,1,2-Trichloroethane
 Concen: 14.298 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

Tgt Ion: 97 Resp: 35623
 Ion Ratio Lower Upper
 97 100
 83 7.2 67.4 101.0#
 85 0.7 43.8 65.8#
 99 0.3 50.3 75.5#





#56

Ethyl methacrylate

Concen: 1.906 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

FL-0582

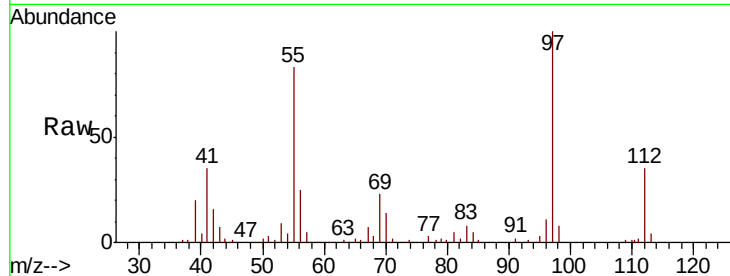
Tot Ion: 69 Resp: 7193

Ion Ratio Lower Upper

69 100

41 150.3 47.1 70.7#

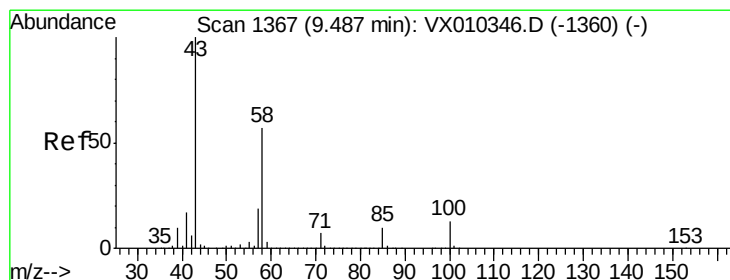
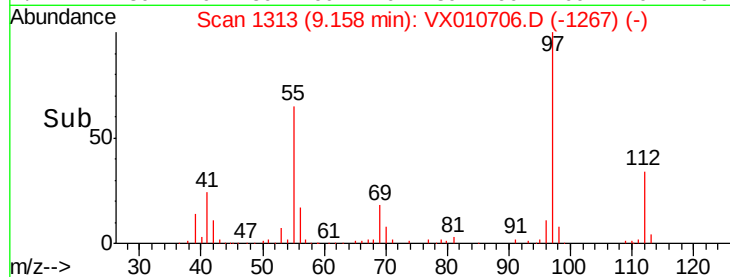
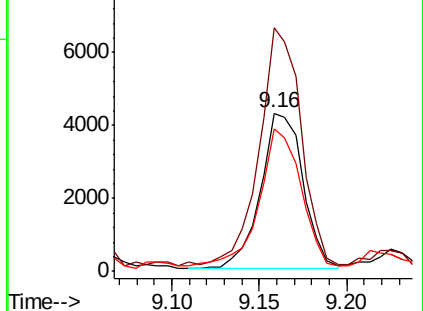
39 87.2 26.6 40.0#



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



#59

2-Hexanone

Concen: 0.346 ug/l

RT: 9.30 min Scan# 1336

Delta R.T. -0.19 min

Lab File: VX010706.D

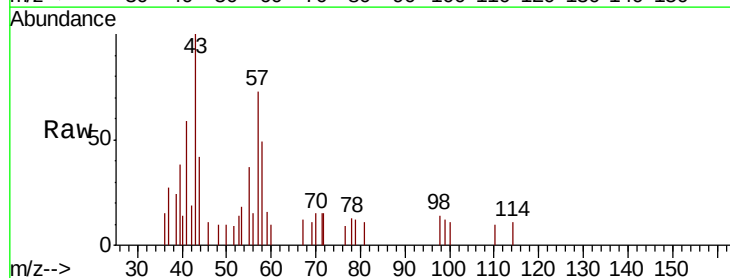
Acq: 08 Jul 2019 19:19

Tgt Ion: 43 Resp: 874

Ion Ratio Lower Upper

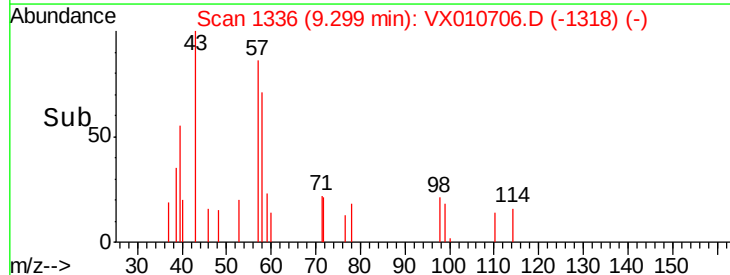
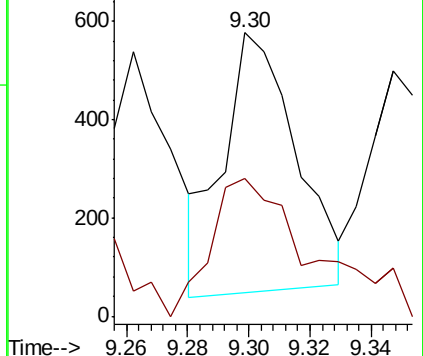
43 100

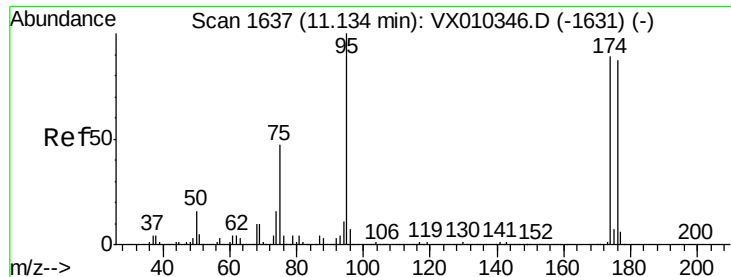
58 73.9 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

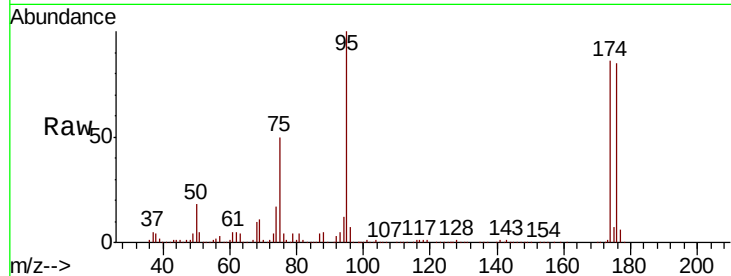




#62
4-Bromofluorobenzene
Concen: 51.031 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Instrument :
MSVOA_X
ClientSampleId :
FL-0582

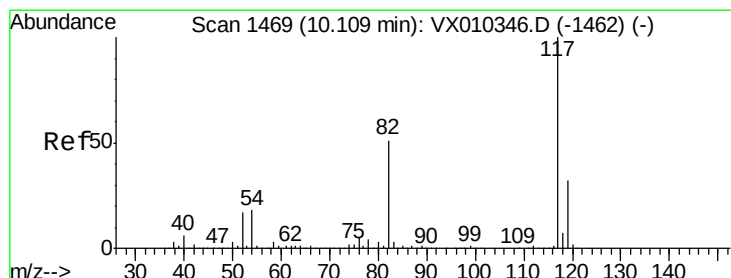
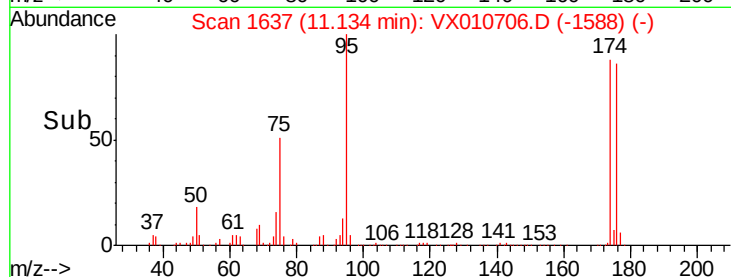
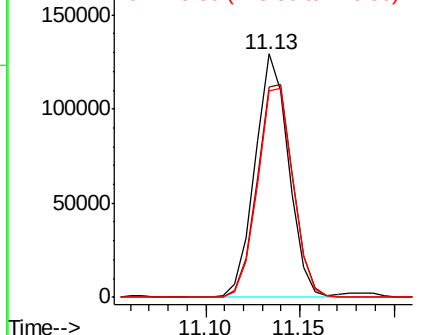
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	187.6
176	90.9	0.0	184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010706.D (-1631) (-)

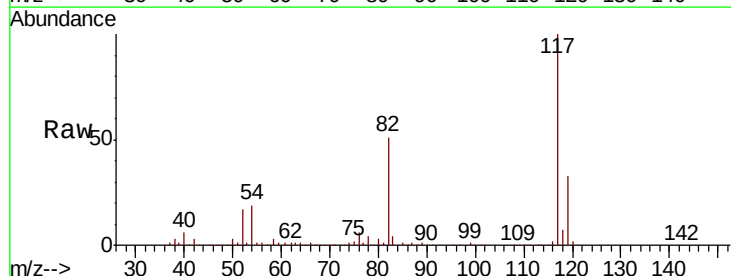
Ion 173.80 (173.50 to 174.50): VX010706.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010706.D (-1631) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

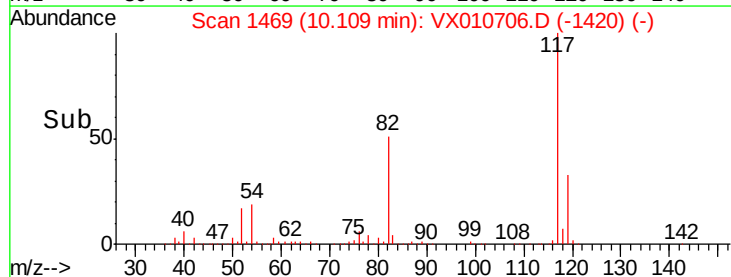
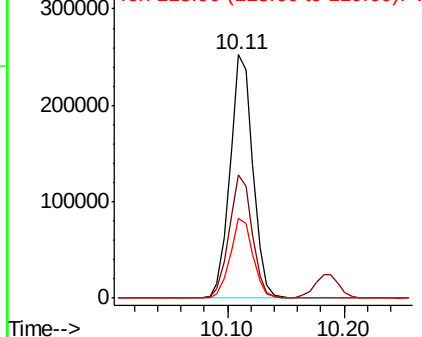
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.5	41.2	61.8
119	32.5	25.5	38.3

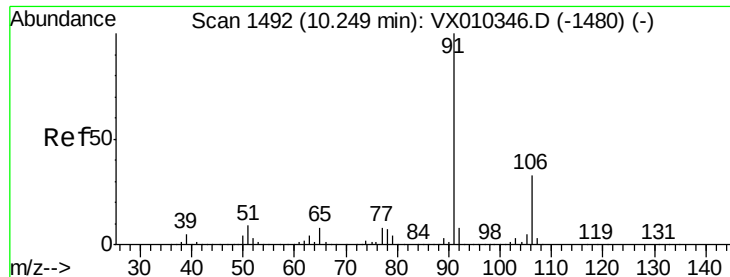


Abundance Ion 116.90 (116.60 to 117.60): VX010706.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010706.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010706.D (-1462) (-)





#67

Ethyl Benzene

Concen: 247.051 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

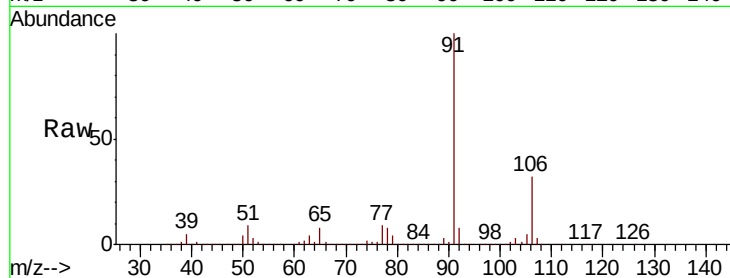
FL-0582

Tot Ion: 91 Resp: 2915810

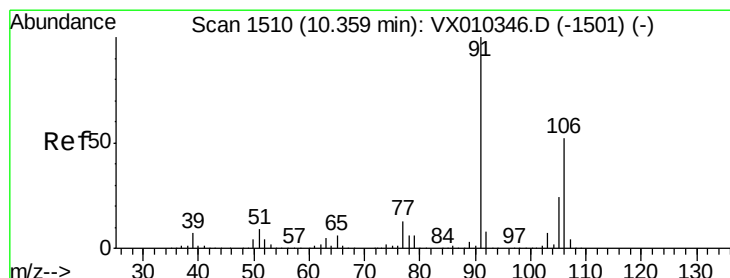
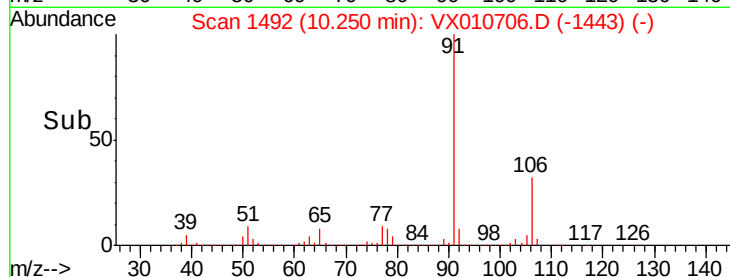
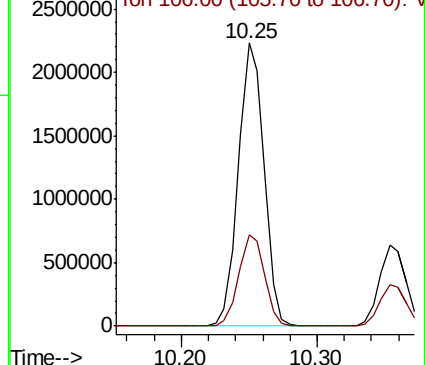
Ion Ratio Lower Upper

91 100

106 32.5 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX010706.D (-1443) (-)



#68

m/p-Xylenes

Concen: 96.869 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010706.D

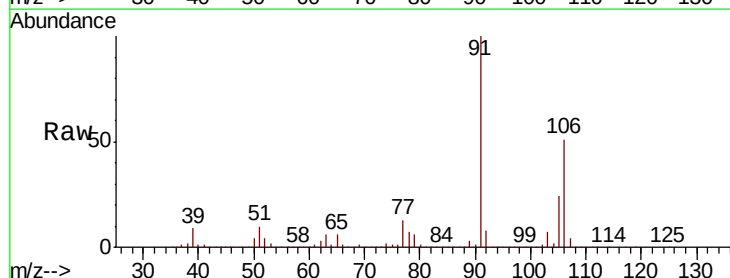
Acq: 08 Jul 2019 19:19

Tgt Ion: 106 Resp: 443000

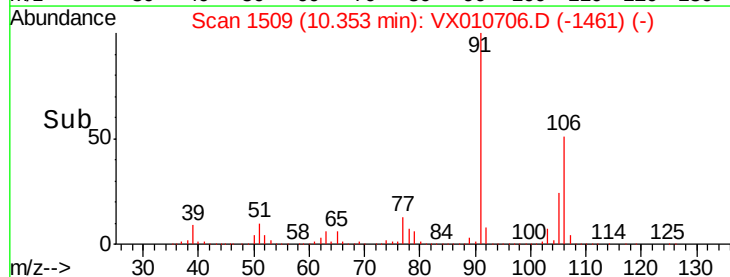
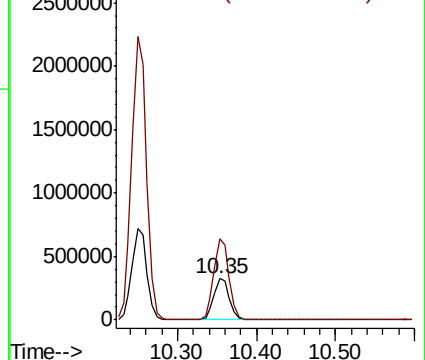
Ion Ratio Lower Upper

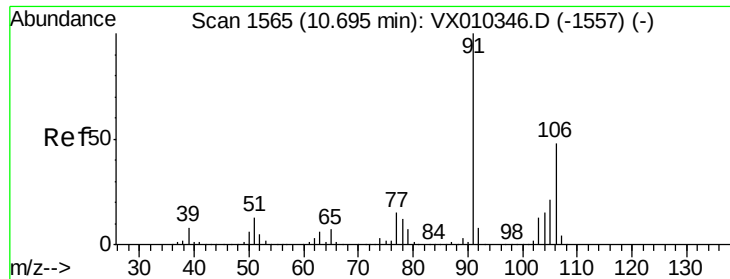
106 100

91 195.8 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): VX010706.D (-1461) (-)

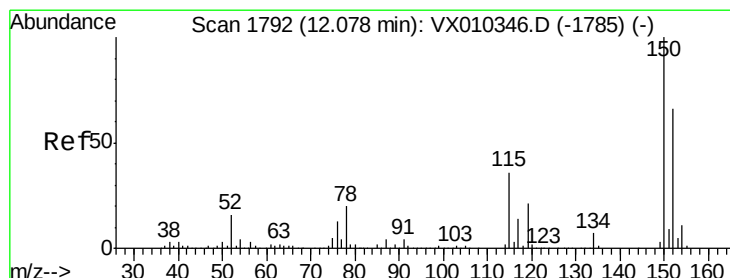
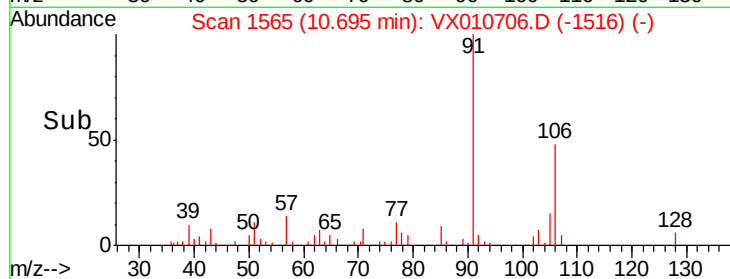
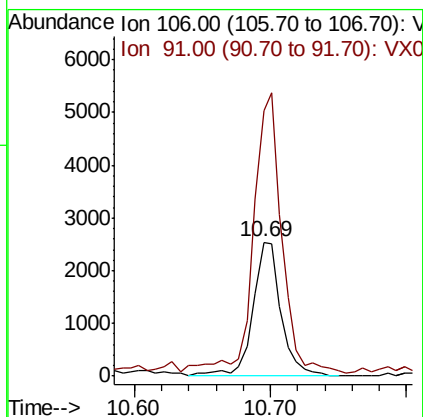
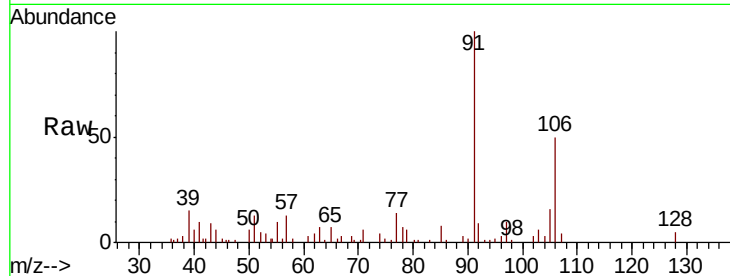




#69
o-Xylene
Concen: 0.826 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

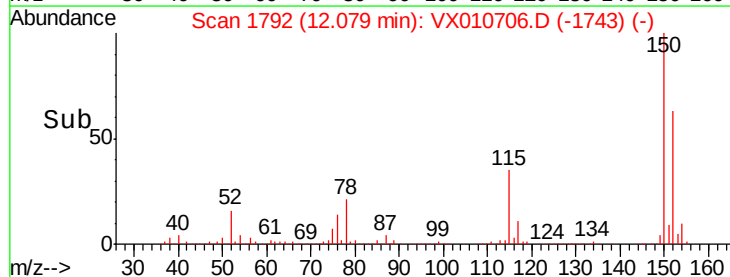
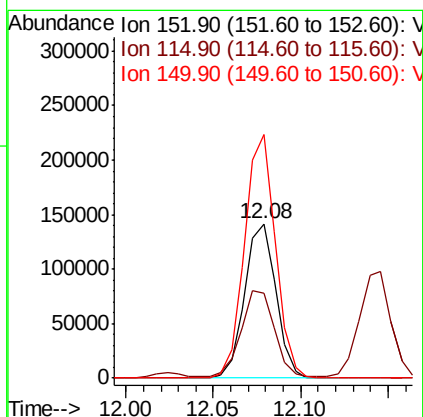
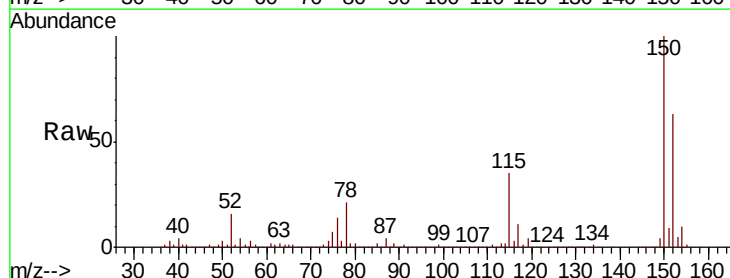
Instrument :
MSVOA_X
ClientSampled :
FL-0582

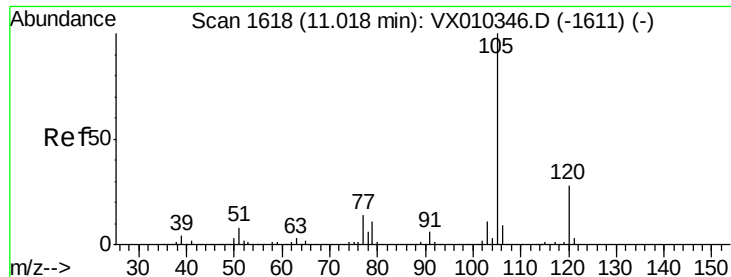
Tot Ion:106 Resp: 3716
Ion Ratio Lower Upper
106 100
91 208.3 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion:152 Resp: 176291
Ion Ratio Lower Upper
152 100
115 59.6 38.6 115.7
150 156.1 0.0 347.4

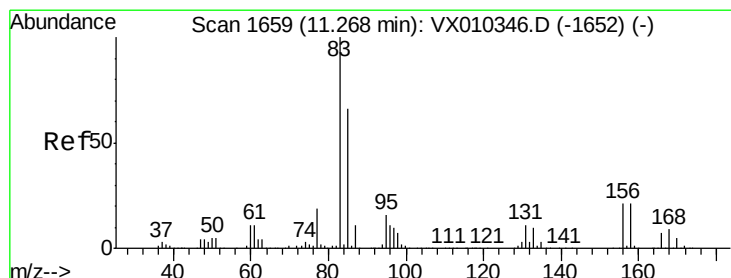
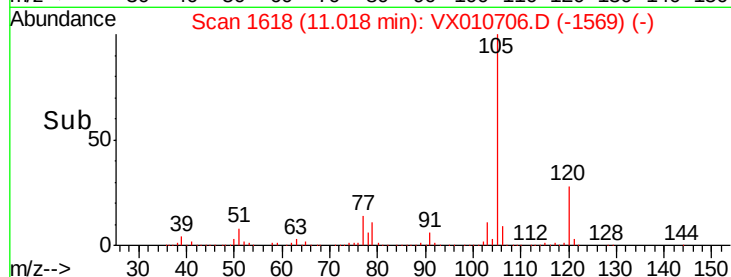
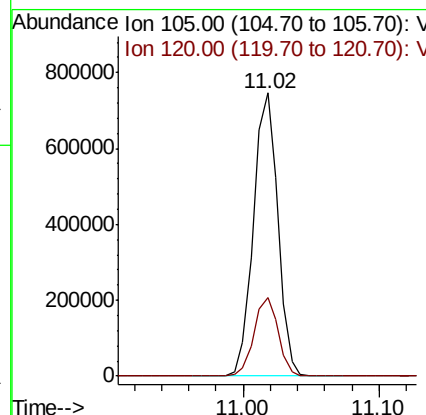
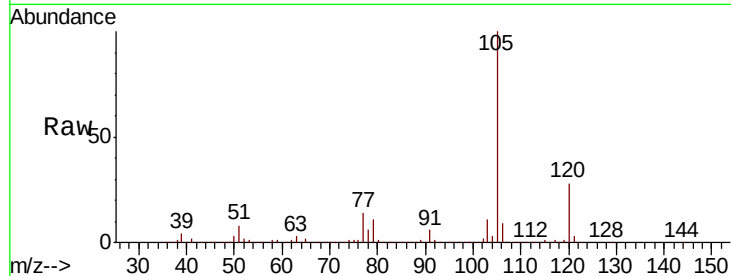




#73
Isopropylbenzene
Concen: 78.711 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

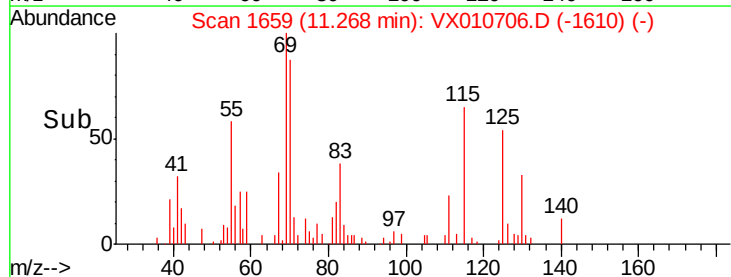
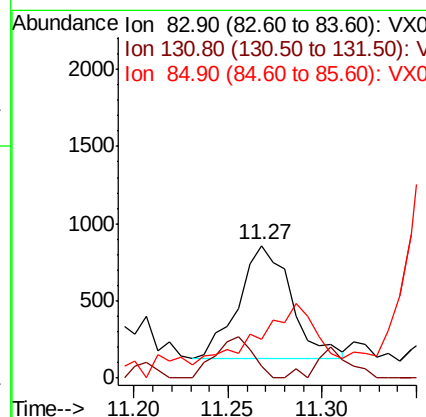
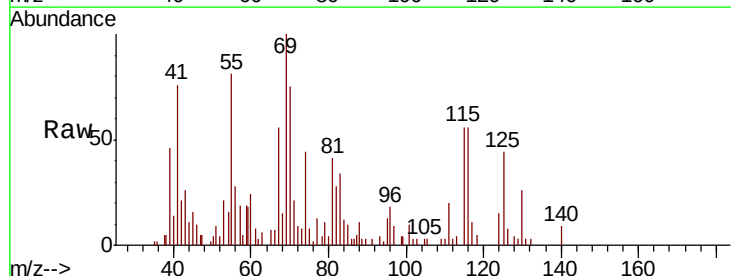
Instrument :
MSVOA_X
ClientSampleId :
FL-0582

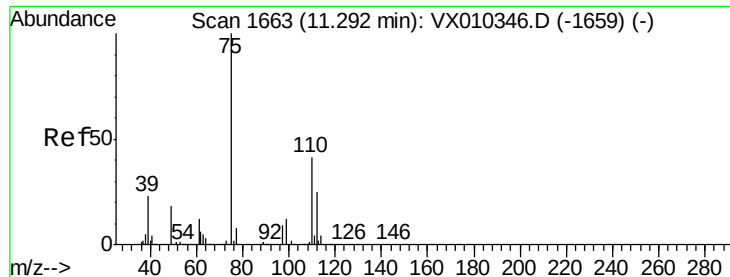
Tot Ion:105 Resp: 940622
Ion Ratio Lower Upper
105 100
120 27.5 14.1 42.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.358 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX010706.D
Acq: 08 Jul 2019 19:19

Tgt Ion: 83 Resp: 1417
Ion Ratio Lower Upper
83 100
131 25.9 5.5 16.4#
85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 2.981 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

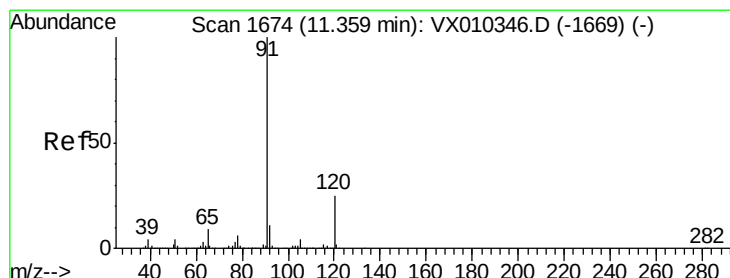
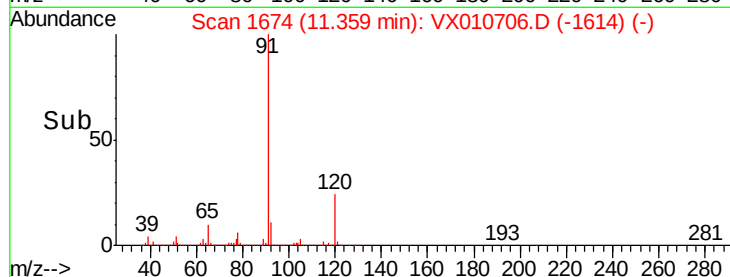
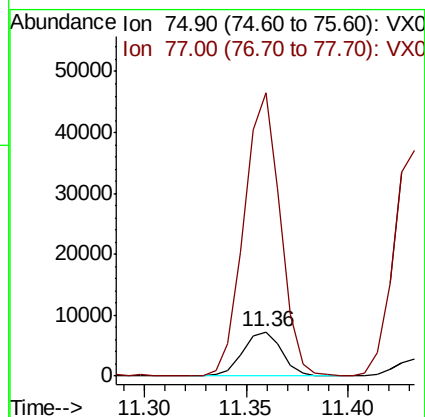
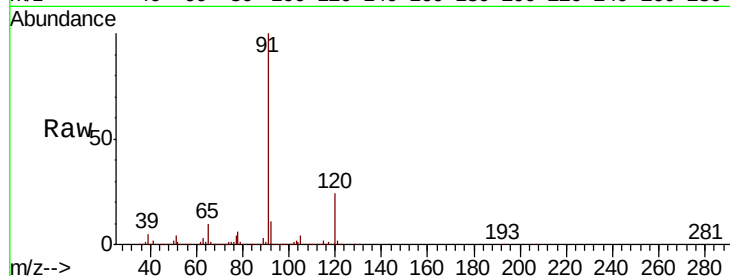
FL-0582

Tot Ion: 75 Resp: 9576

Ion Ratio Lower Upper

75 100

77 596.0 22.6 67.8#



#78

n-propylbenzene

Concen: 117.282 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010706.D

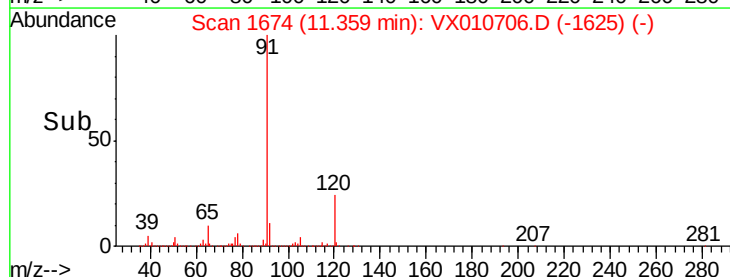
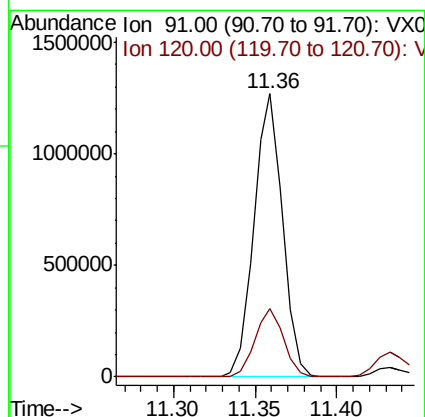
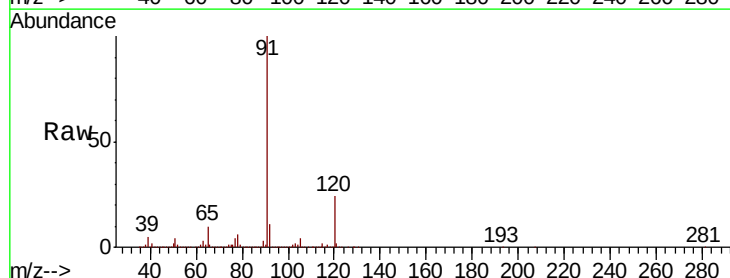
Acq: 08 Jul 2019 19:19

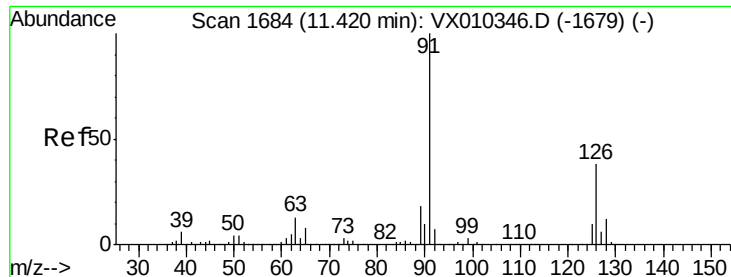
Tgt Ion: 91 Resp: 1540382

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.4





#79

2-Chlorotoluene

Concen: 8.384 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

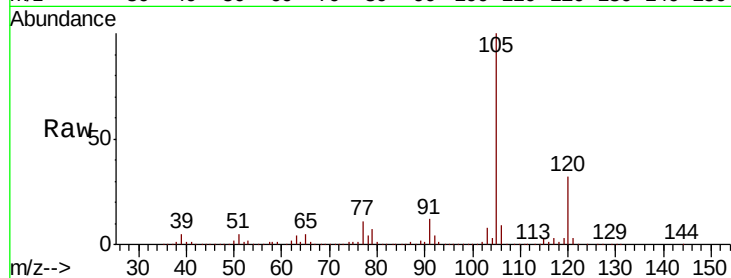
FL-0582

Tot Ion: 91 Resp: 65573

Ion Ratio Lower Upper

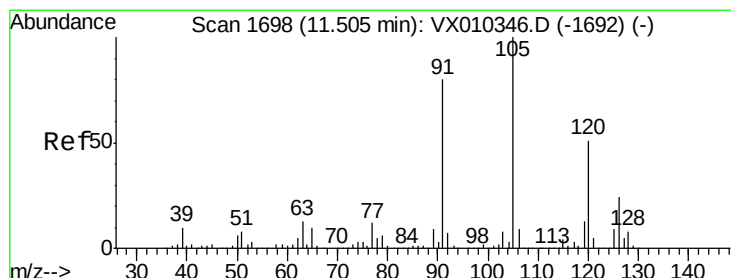
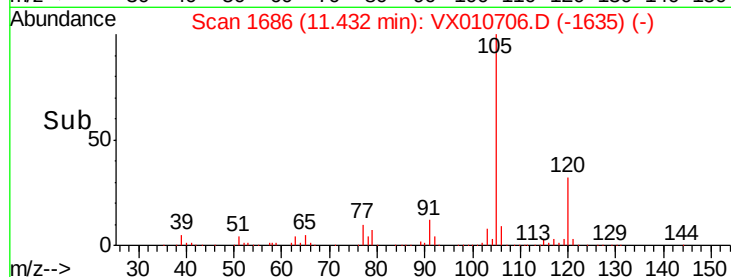
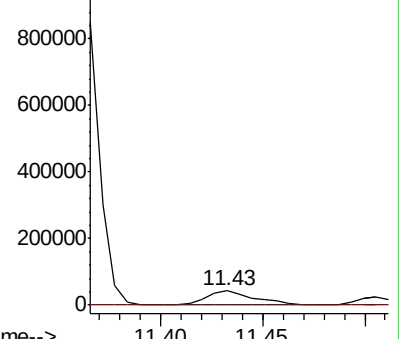
91 100

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: 30.216 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010706.D

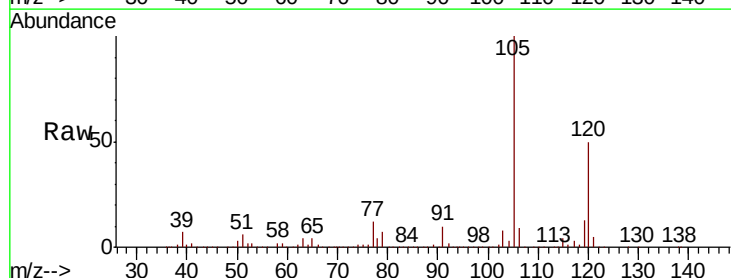
Acq: 08 Jul 2019 19:19

Tgt Ion:105 Resp: 297678

Ion Ratio Lower Upper

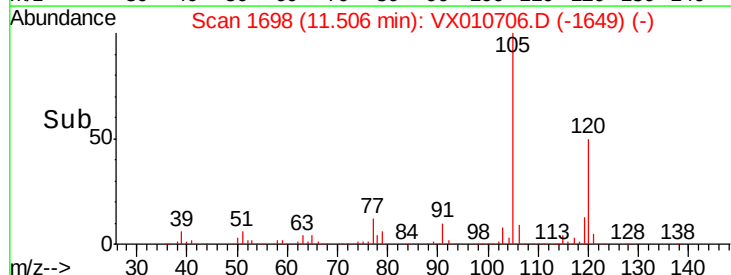
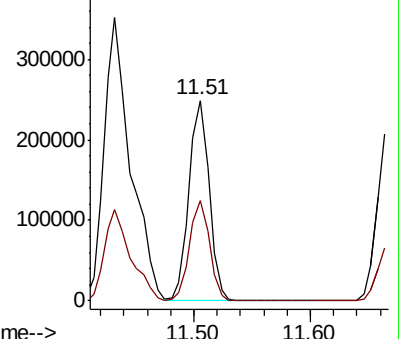
105 100

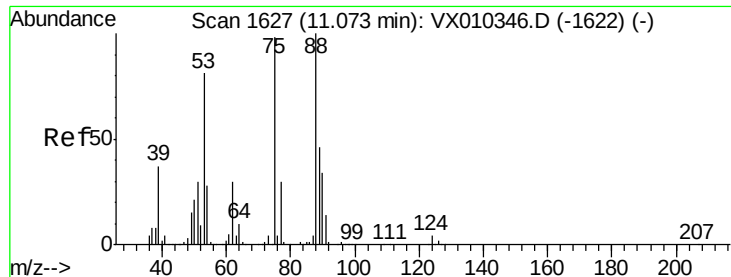
120 49.3 25.2 75.6



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: 7.655 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

FL-0582

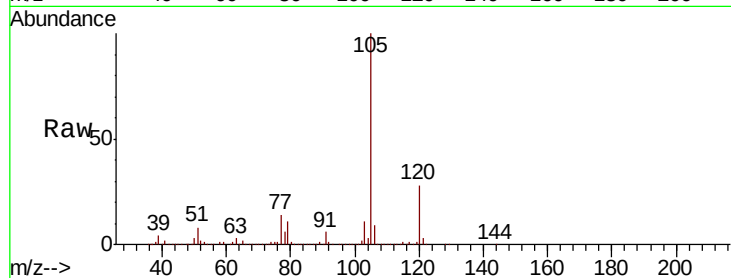
Tot Ion: 75 Resp: 10541

Ion Ratio Lower Upper

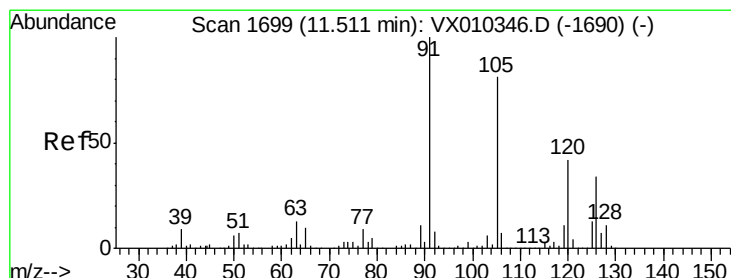
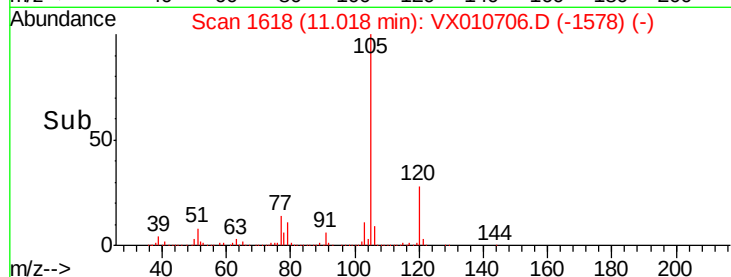
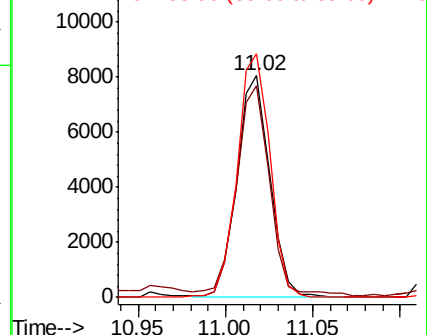
75 100

53 94.7 66.1 99.1

89 109.2 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: 7.368 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. -0.08 min

Lab File: VX010706.D

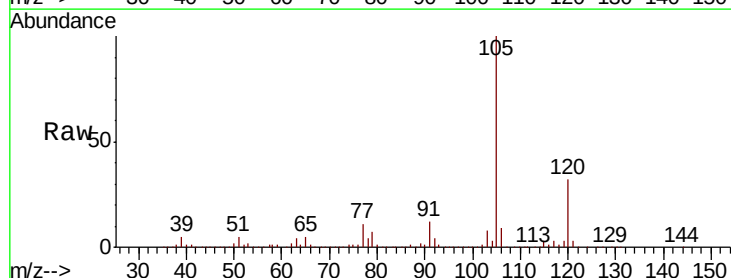
Acq: 08 Jul 2019 19:19

Tgt Ion: 91 Resp: 65573

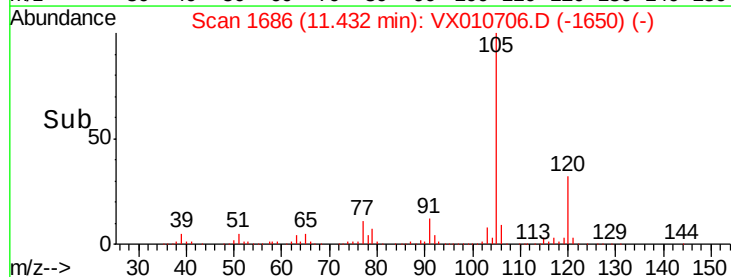
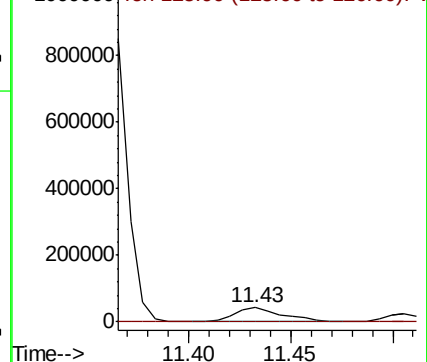
Ion Ratio Lower Upper

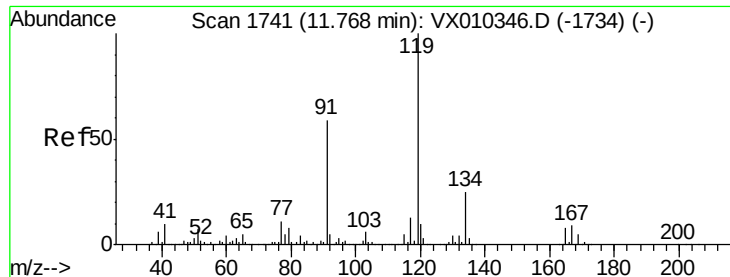
91 100

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

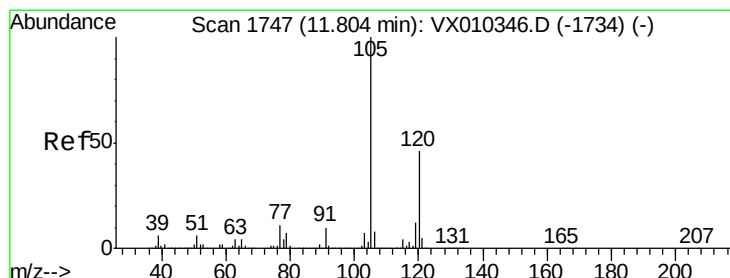
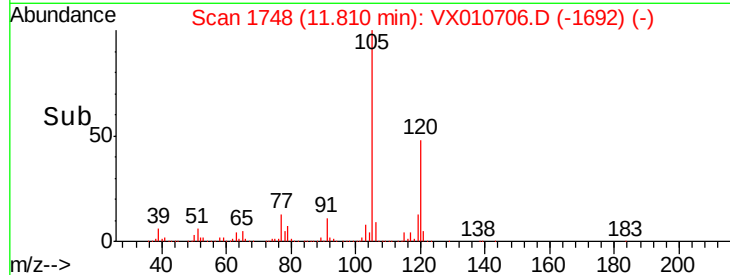
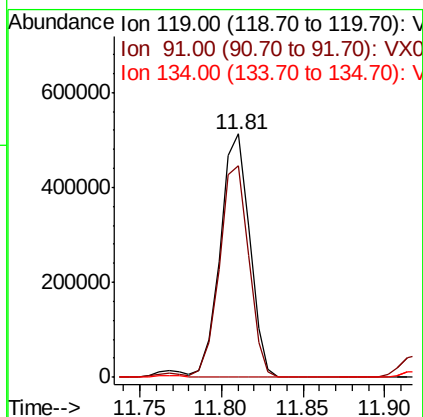
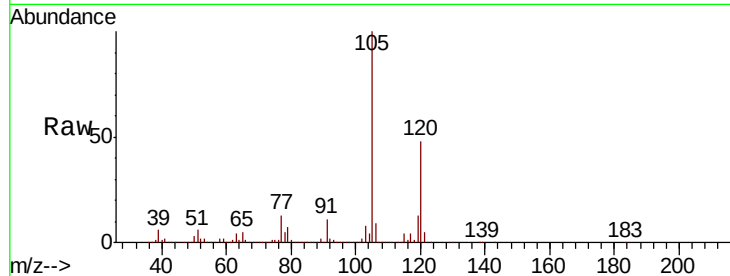




#83
 tert-Butylbenzene
 Concen: 64.907 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

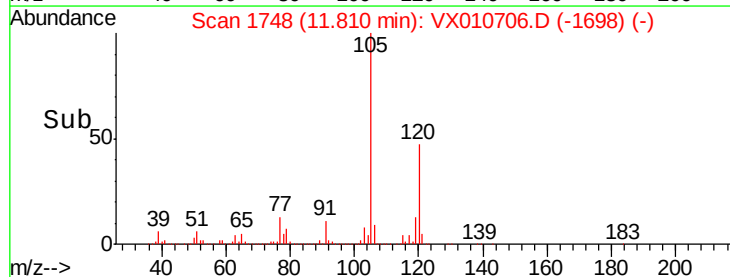
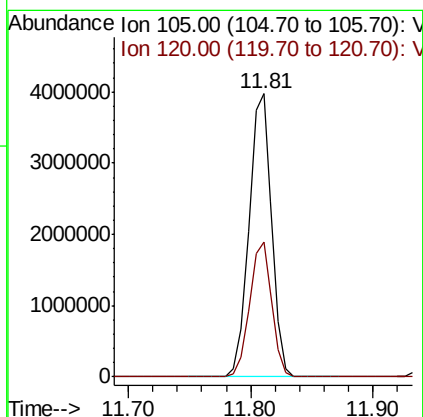
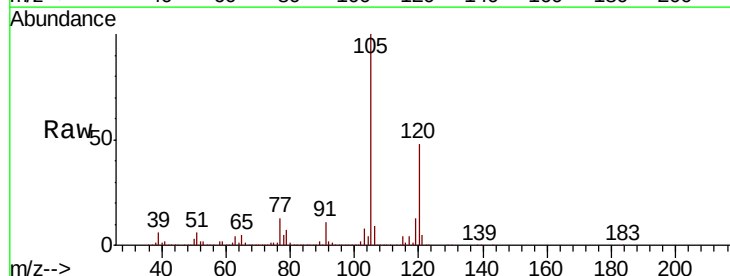
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0582

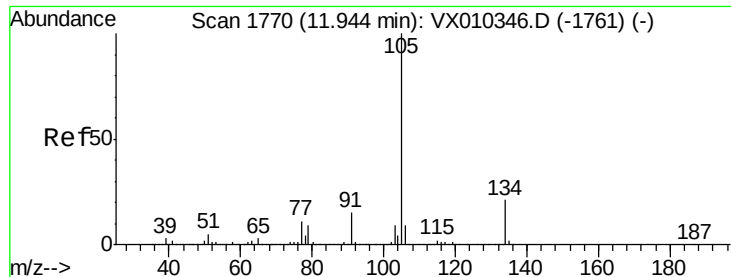
Tot Ion:	119	Resp:	641799
Ion	Ratio	Lower	Upper
119	100		
91	89.0	27.6	82.7#
134	0.0	11.8	35.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 514.336 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

Tgt Ion:	105	Resp:	5090798
Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 17.826 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

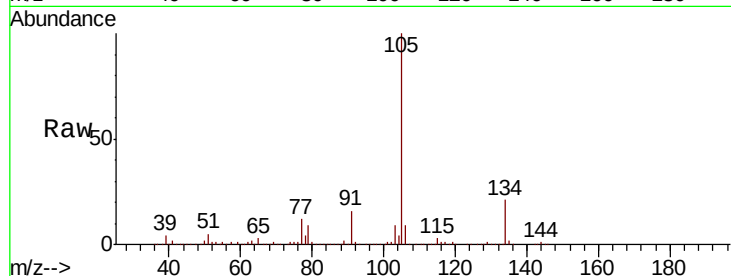
FL-0582

Tot Ion:105 Resp: 206961

Ion Ratio Lower Upper

105 100

134 28.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

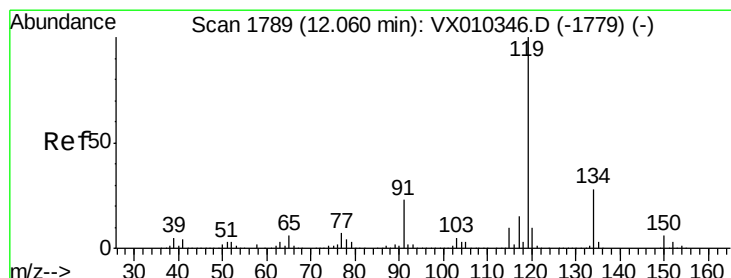
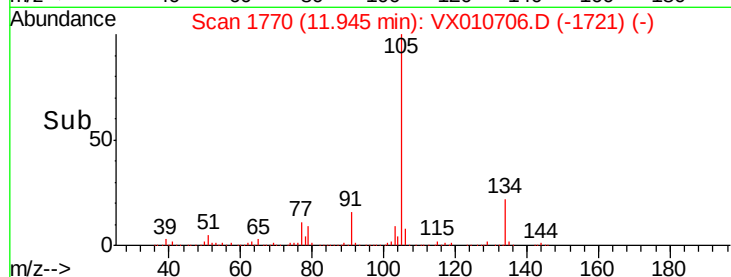
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 7.626 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

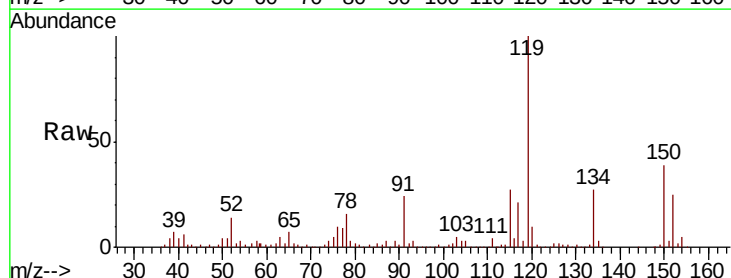
Tgt Ion:119 Resp: 81895

Ion Ratio Lower Upper

119 100

134 27.9 13.7 41.1

91 24.4 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

150000

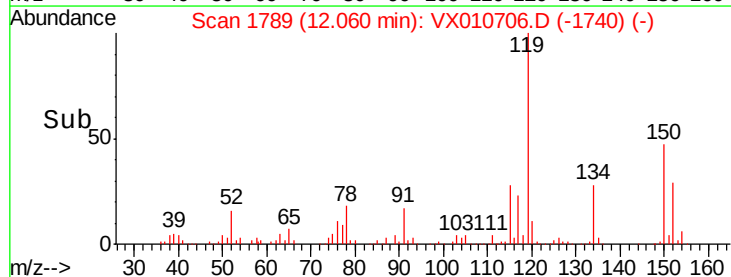
100000

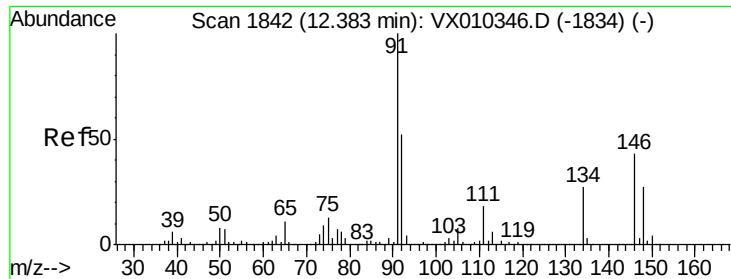
50000

0

12.05 12.10

Time-->





#89

n-Butylbenzene

Concen: 15.691 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010706.D

Acq: 08 Jul 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

FL-0582

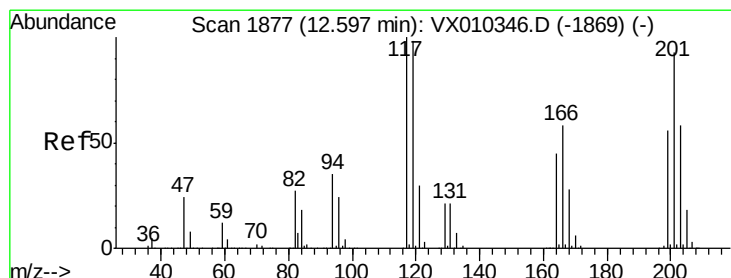
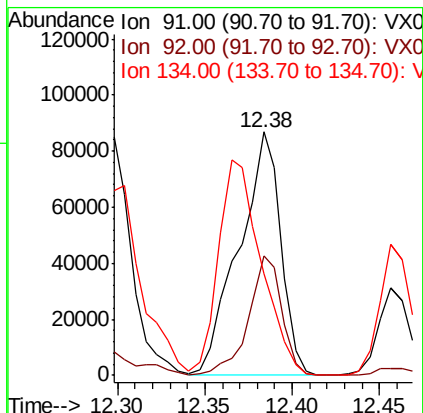
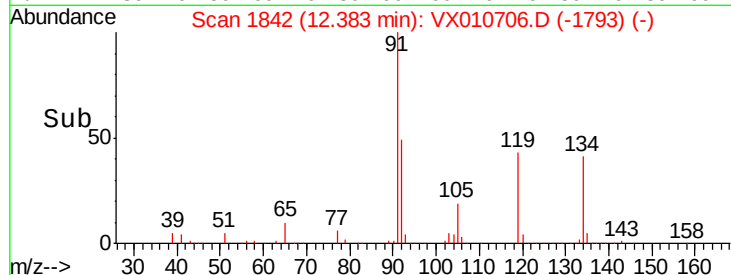
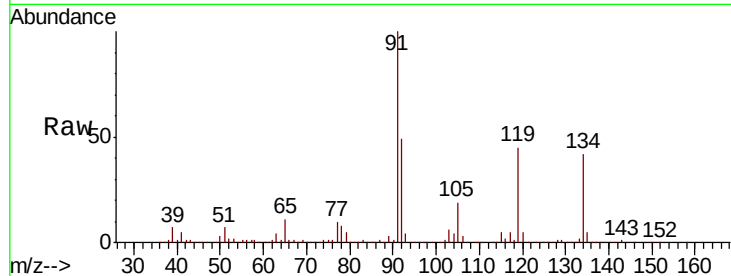
Tot Ion: 91 Resp: 143182

Ion Ratio Lower Upper

91 100

92 39.2 26.2 78.5

134 90.4 14.1 42.4#



#90

Hexachloroethane

Concen: 22.643 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010706.D

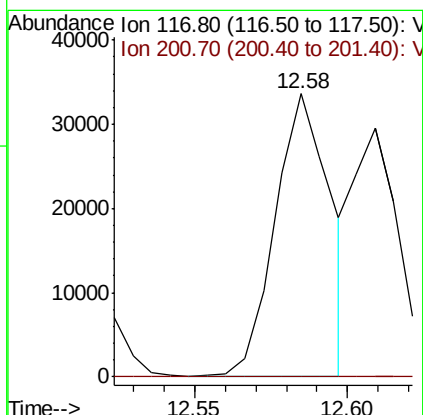
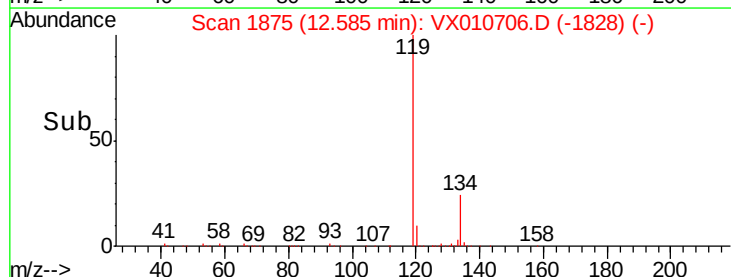
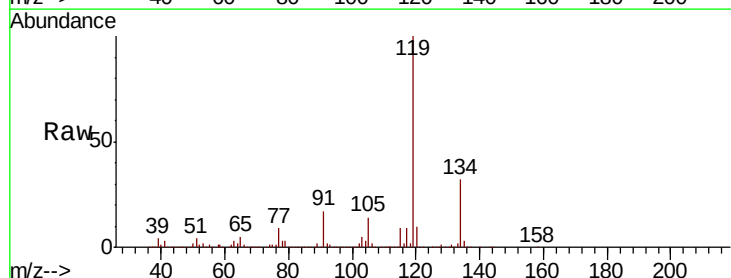
Acq: 08 Jul 2019 19:19

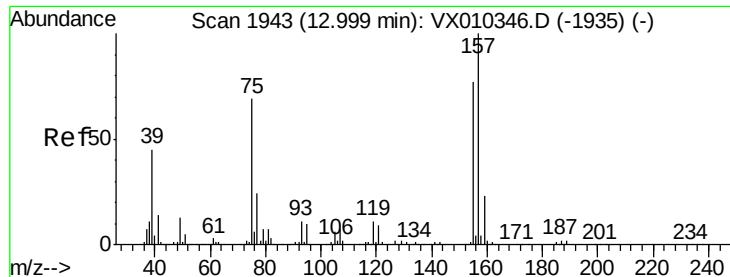
Tgt Ion: 117 Resp: 42045

Ion Ratio Lower Upper

117 100

201 0.0 44.0 131.8#

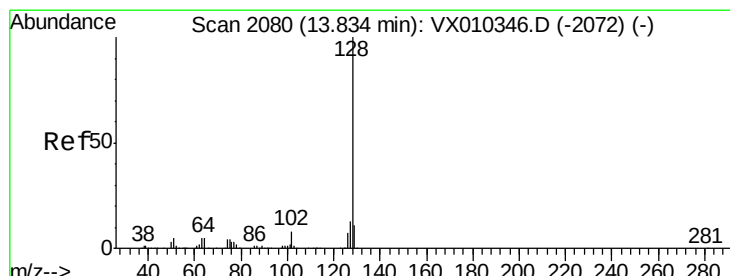
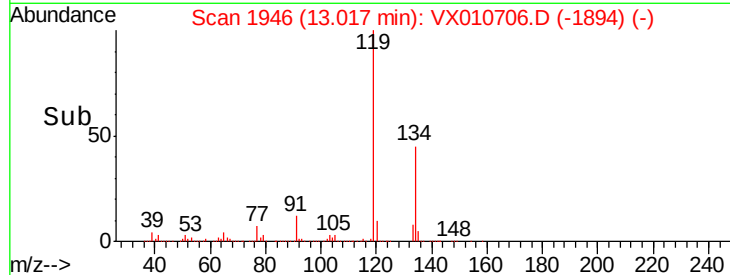
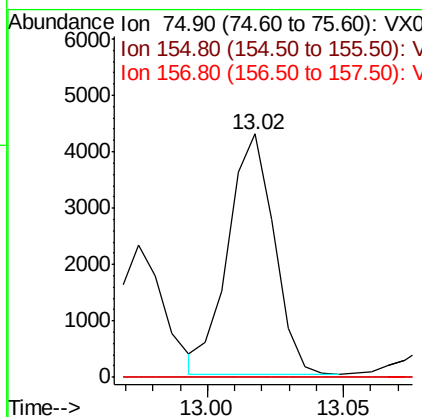
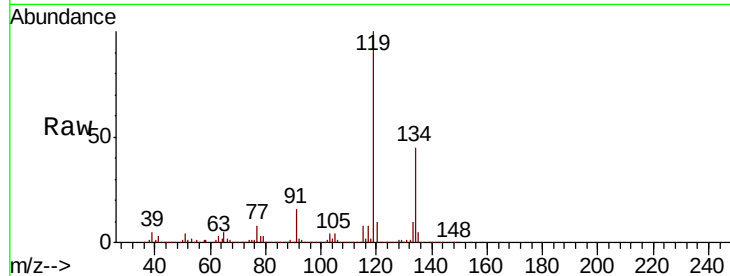




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.826 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0582

Tot Ion: 75 Resp: 4971
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.4 163.1#
 157 0.0 69.5 208.3#



#95
 Naphthalene
 Concen: 86.860 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010706.D
 Acq: 08 Jul 2019 19:19

Tgt Ion: 128 Resp: 1071606
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.4
 129 11.3 8.9 13.3

