

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010676.D
 Acq On : 04 Jul 2019 08:38
 Operator : JC/SP
 Sample : K3664-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0579

Quant Time: Jul 05 00:57:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	243291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	121277	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
35) Dibromofluoromethane	5.50	113	111644	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.71	98	446961	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.13	95	157849	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	427	0.217 ug/l #	88
5) Bromomethane	1.66	94	574	0.546 ug/l #	33
6) Chloroethane	1.72	64	267	0.210 ug/l #	82
11) Tert butyl alcohol	3.04	59	1152	1.930 ug/l #	74
13) Acrolein	2.29	56	255	0.644 ug/l #	1
14) Allyl chloride	2.84	41	23851	7.967 ug/l #	64
15) Acrylonitrile	3.18	53	7469	6.320 ug/l #	36
16) Acetone	2.44	43	10478	9.165 ug/l #	86
18) Methyl Acetate	2.84	43	57676	25.313 ug/l #	48
25) 2-Butanone	4.68	43	8075	4.815 ug/l	99
26) 2,2-Dichloropropane	4.40	77	3460	1.101 ug/l #	49
31) Cyclohexane	5.59	56	388578	117.933 ug/l	95
36) 1,1-Dichloropropene	5.66	75	15132	5.135 ug/l #	48
37) Ethyl Acetate	4.68	43	8075	2.663 ug/l #	67
38) Carbon Tetrachloride	5.67	117	22319	6.994 ug/l #	15
39) Methylcyclohexane	7.46	83	643676	166.161 ug/l	97
40) Benzene	6.15	78	54854	5.974 ug/l	100
43) Isopropyl Acetate	6.46	43	7695	1.534 ug/l #	57
45) 1,2-Dichloropropane	7.46	63	6120	2.640 ug/l #	1
47) Bromodichloromethane	7.85	83	1117	0.366 ug/l #	62
48) Methyl methacrylate	7.73	41	20837	8.937 ug/l #	49
51) 4-Methyl-2-Pentanone	8.66	43	5261	1.640 ug/l #	48
55) 1,1,2-Trichloroethane	9.16	97	31336	12.566 ug/l #	20
56) Ethyl methacrylate	9.16	69	6333	1.676 ug/l #	1
59) 2-Hexanone	9.31	43	528	0.209 ug/l	78
67) Ethyl Benzene	10.25	91	690212	58.586 ug/l	99
68) m/p-Xylenes	10.36	106	215801	47.274 ug/l	98
69) o-Xylene	10.69	106	8511	1.896 ug/l	95
73) Isopropylbenzene	11.02	105	474607	39.778 ug/l	99
74) N-amyl acetate	10.95	43	3418	0.758 ug/l #	41
75) 1,1,2,2-Tetrachloroethane	11.27	83	1229	0.311 ug/l	66
76) 1,2,3-Trichloropropane	11.36	75	4825	1.504 ug/l #	1
78) n-propylbenzene	11.36	91	813828	62.061 ug/l	99
79) 2-Chlorotoluene	11.36	91	813828	104.222 ug/l #	38

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010676.D
 Acq On : 04 Jul 2019 08:38
 Operator : JC/SP
 Sample : K3664-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0579

Quant Time: Jul 05 00:57:53 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

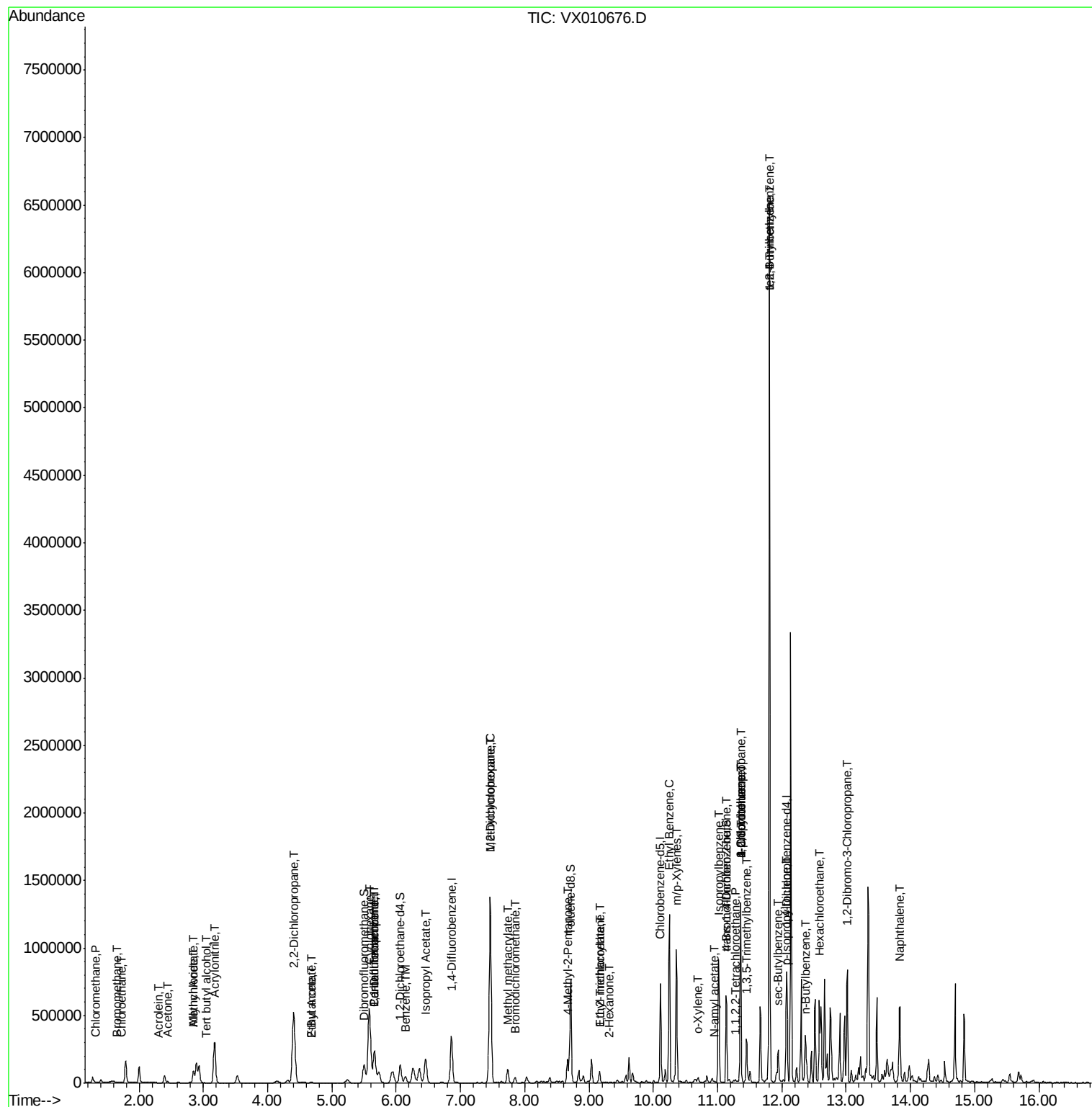
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.45	105	164758	16.750	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.13	75	78600	57.169	ug/l #	16
82) 4-Chlorotoluene	11.36	91	813828	91.592	ug/l #	42
83) tert-Butylbenzene	11.80	119	350084	35.461	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.80	105	2836964	287.078	ug/l	100
85) sec-Butylbenzene	11.94	105	121072	10.445	ug/l	82
86) p-Isopropyltoluene	12.06	119	54632	5.095	ug/l	98
89) n-Butylbenzene	12.38	91	78957	8.666	ug/l #	60
90) Hexachloroethane	12.58	117	25611	13.814	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	2573	3.020	ug/l #	1
95) Naphthalene	13.83	128	361504	29.348	ug/l	99

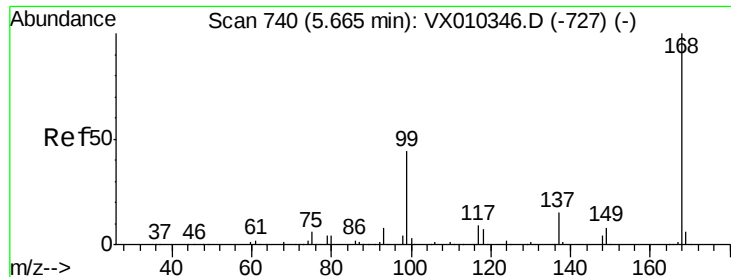
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010676.D
Acq On : 04 Jul 2019 08:38
Operator : JC/SP
Sample : K3664-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0579

Quant Time: Jul 05 00:57:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

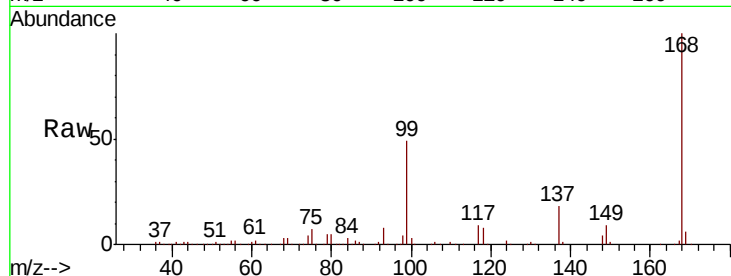
FL-0579

Tot Ion:168 Resp: 243291

Ion Ratio Lower Upper

168 100

99 49.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

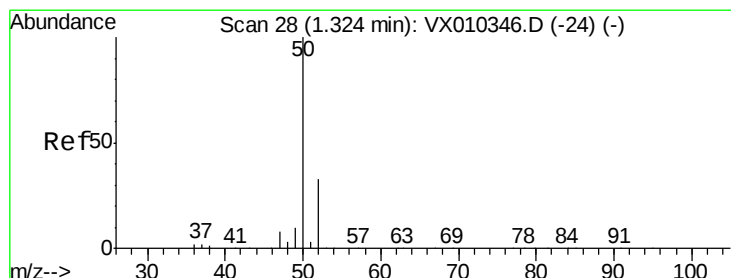
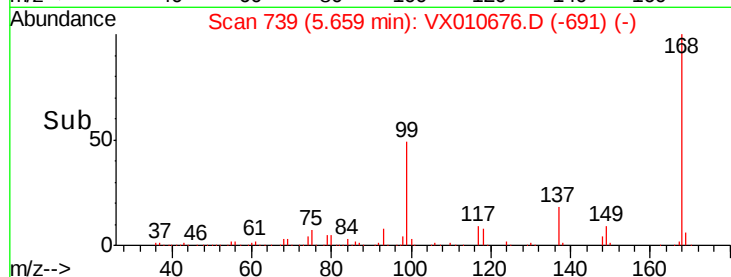
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.217 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010676.D

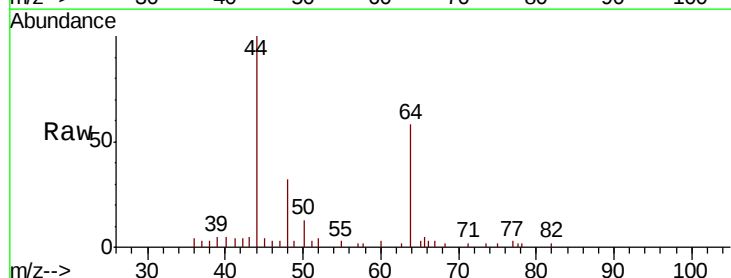
Acq: 04 Jul 2019 08:38

Tgt Ion: 50 Resp: 427

Ion Ratio Lower Upper

50 100

52 39.9 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

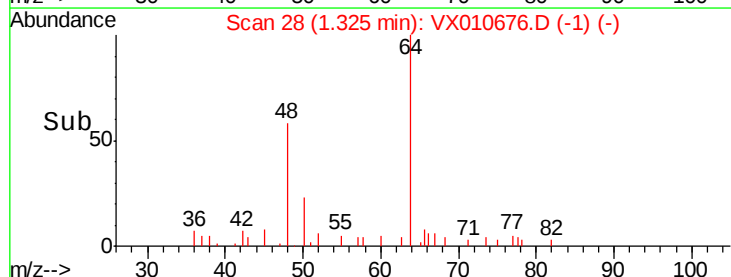
600

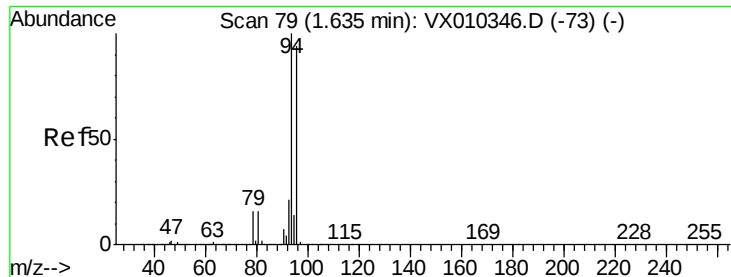
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.546 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampled :

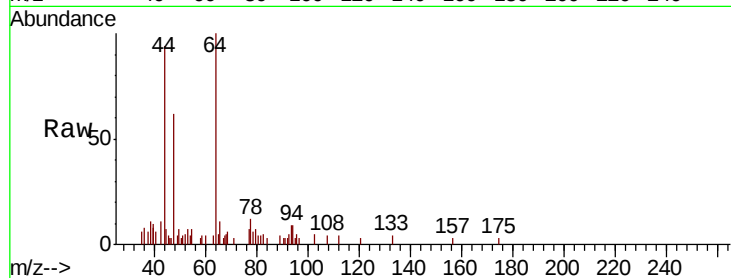
FL-0579

Tot Ion: 94 Resp: 574

Ion Ratio Lower Upper

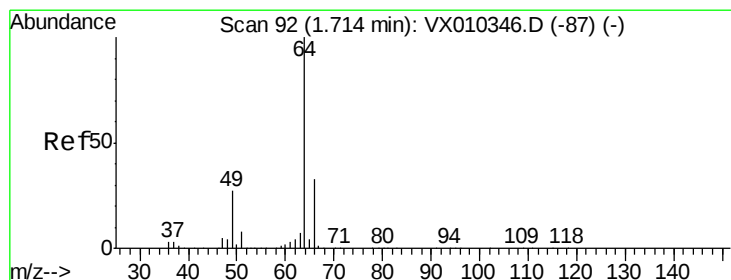
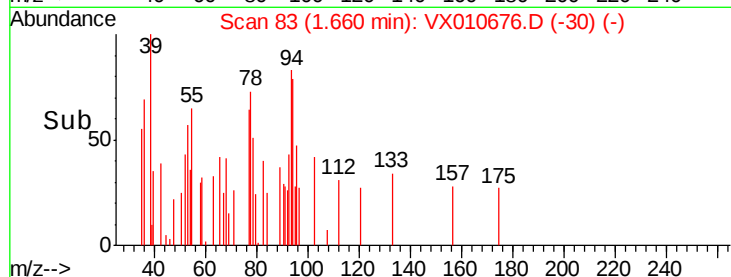
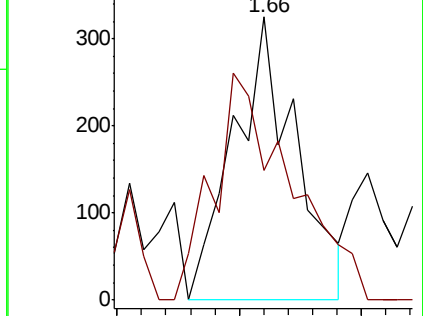
94 100

96 29.5 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: 0.210 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010676.D

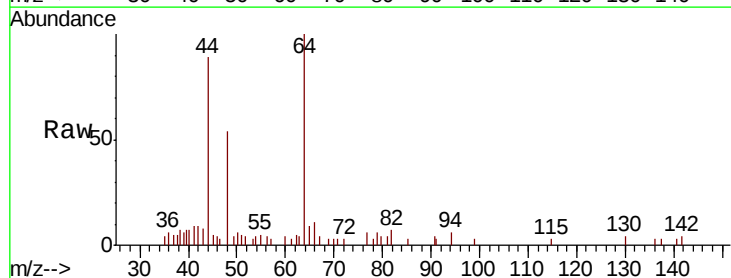
Acq: 04 Jul 2019 08:38

Tgt Ion: 64 Resp: 267

Ion Ratio Lower Upper

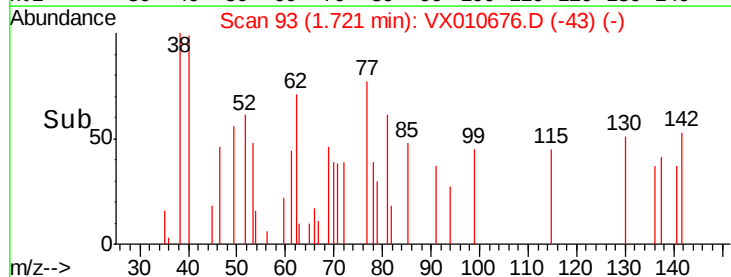
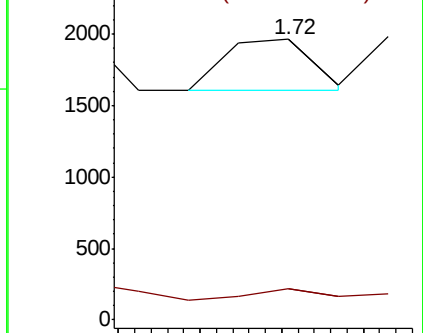
64 100

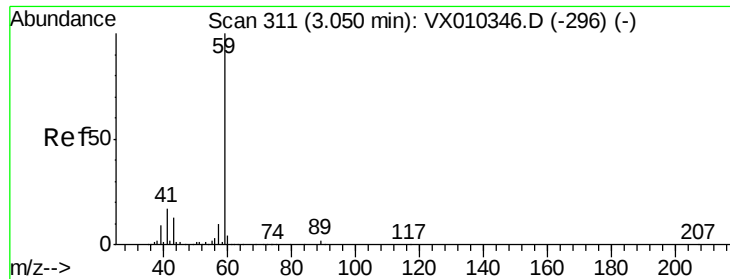
66 22.9 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

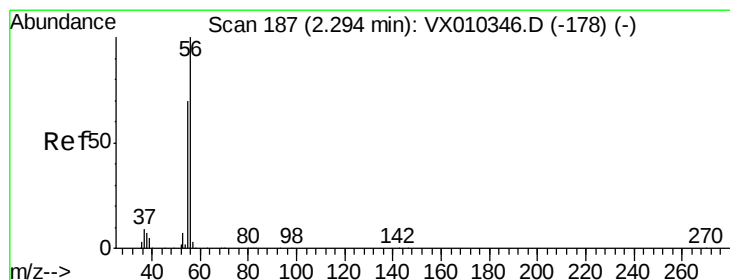
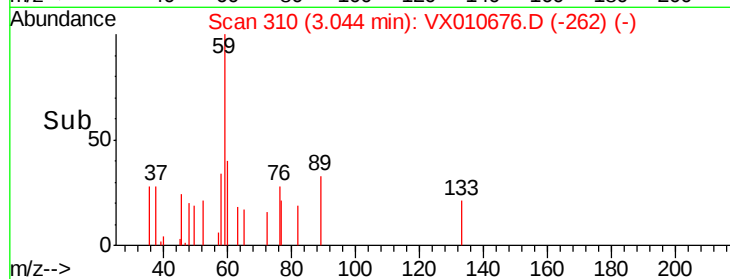
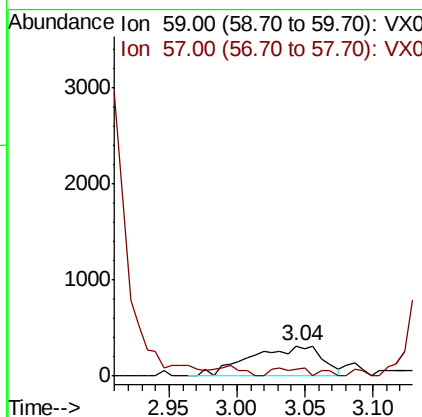
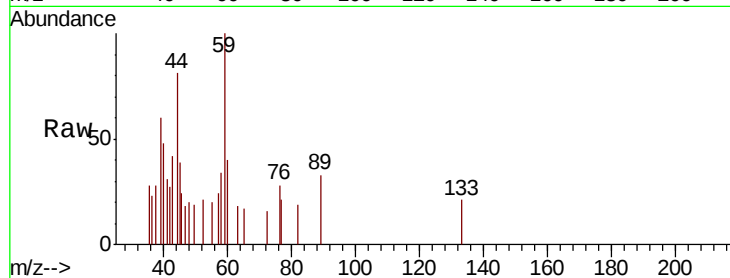




#11
Tert butyl alcohol
Concen: 1.930 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010676.D
Acq: 04 Jul 2019 08:38

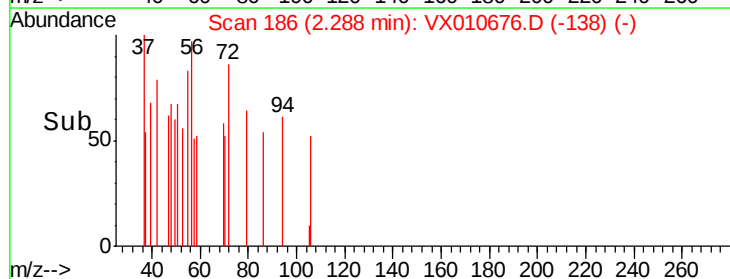
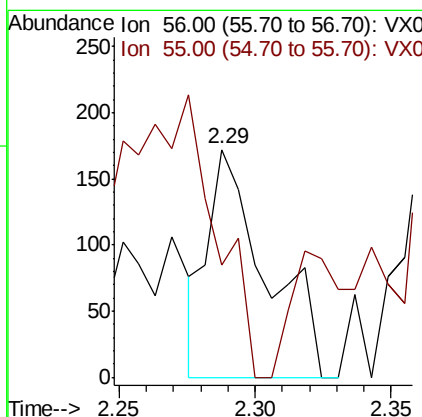
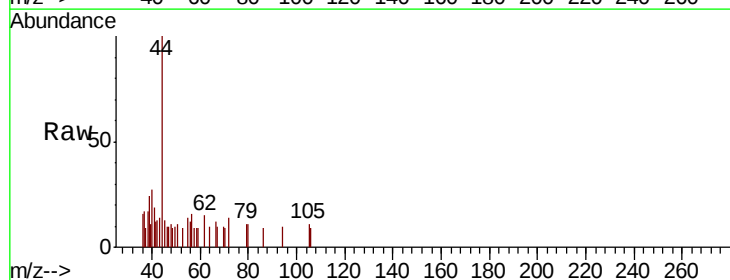
Instrument :
MSVOA_X
ClientSampled :
FL-0579

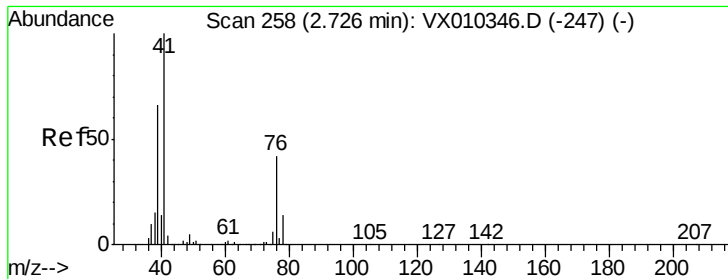
Tot Ion: 59 Resp: 1152
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: 0.644 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX010676.D
Acq: 04 Jul 2019 08:38

Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 196.1 56.9 85.3#

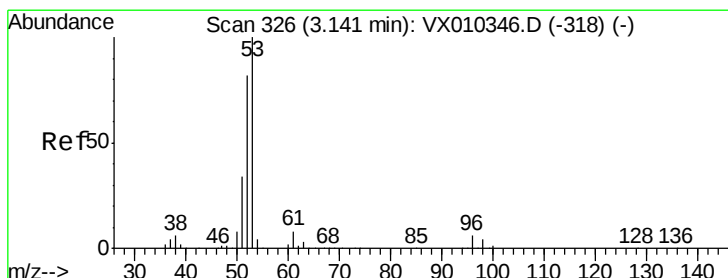
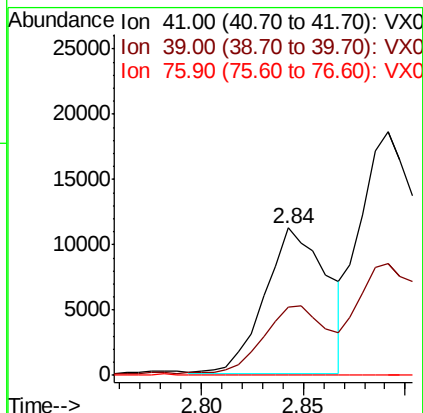
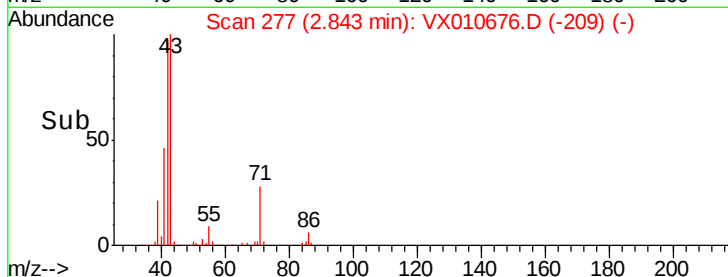
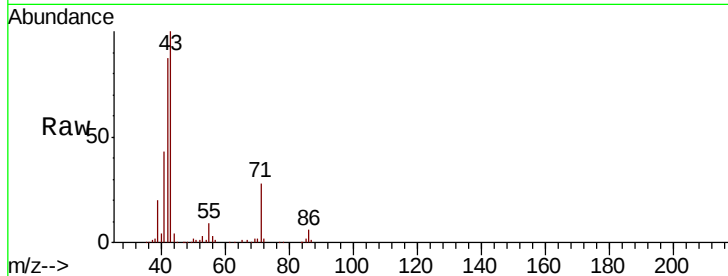




#14
Allvl chloride
Concen: 7.967 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX010676.D
Acq: 04 Jul 2019 08:38

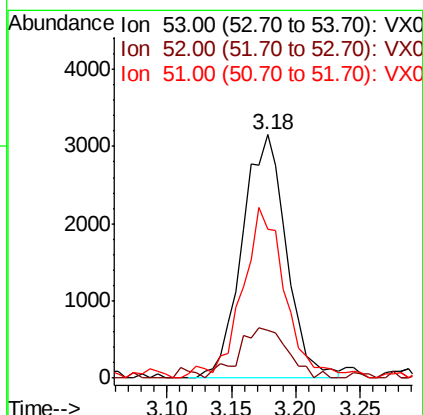
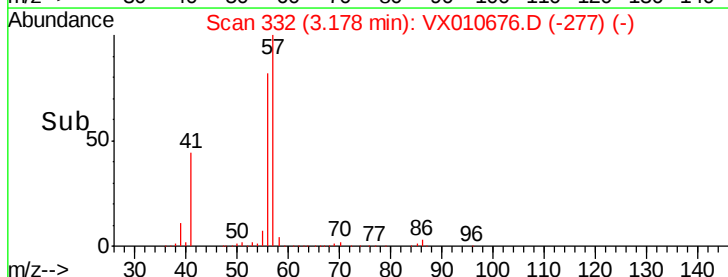
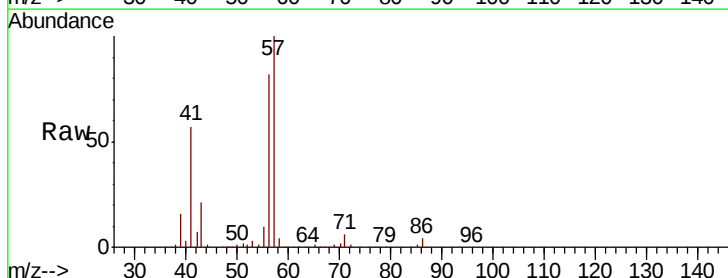
Instrument :
MSVOA_X
ClientSampled :
FL-0579

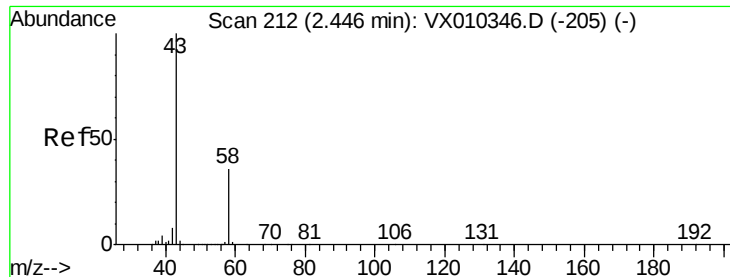
Tot Ion: 41 Resp: 23851
Ion Ratio Lower Upper
41 100
39 48.0 50.3 75.5#
76 0.0 31.3 46.9#



#15
Acrylonitrile
Concen: 6.320 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.04 min
Lab File: VX010676.D
Acq: 04 Jul 2019 08:38

Tgt Ion: 53 Resp: 7469
Ion Ratio Lower Upper
53 100
52 22.7 65.5 98.3#
51 68.9 28.2 42.4#





#16

Acetone

Concen: 9.165 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampled :

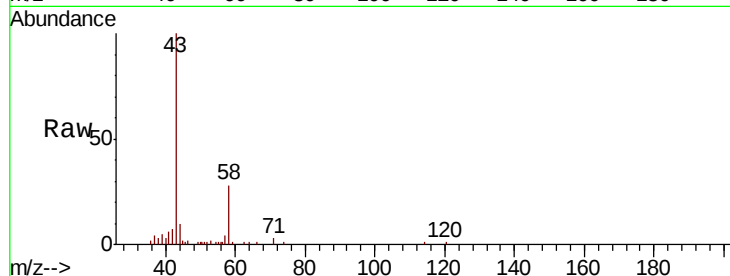
FL-0579

Tot Ion: 43 Resp: 10478

Ion Ratio Lower Upper

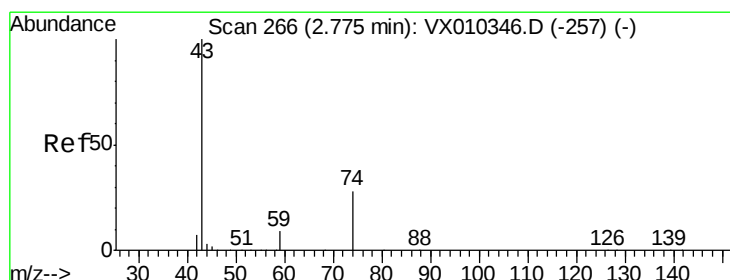
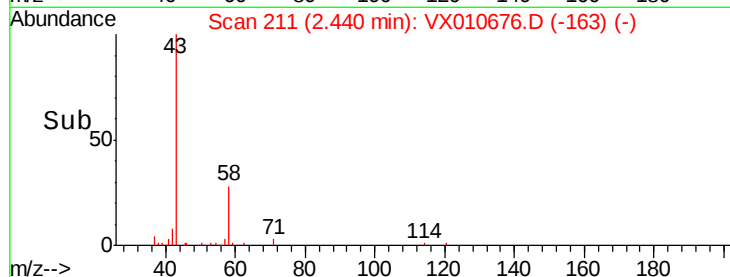
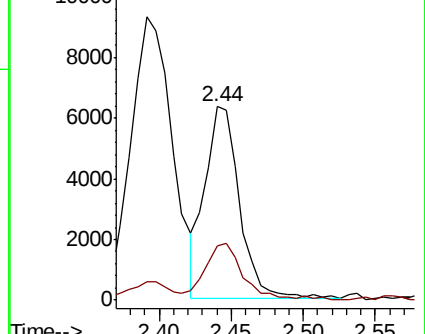
43 100

58 27.6 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: 25.313 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX010676.D

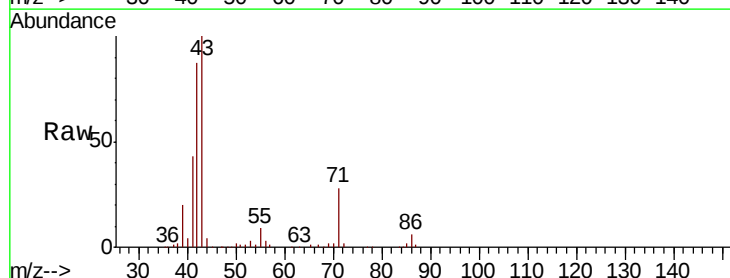
Acq: 04 Jul 2019 08:38

Tgt Ion: 43 Resp: 57676

Ion Ratio Lower Upper

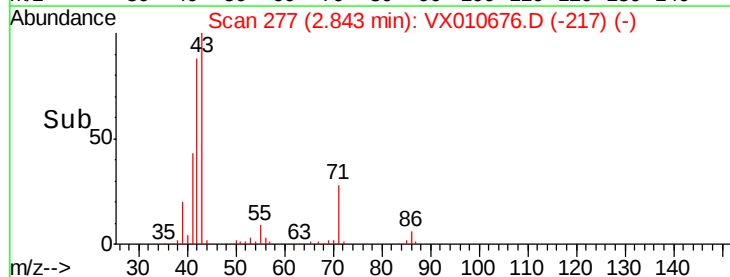
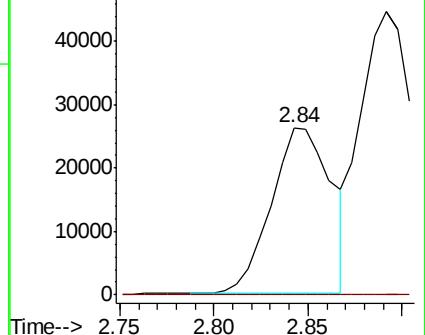
43 100

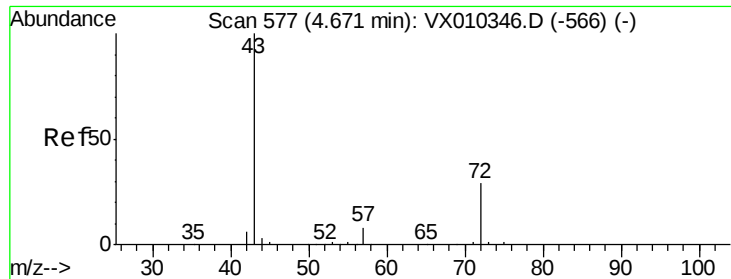
74 0.0 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 4.815 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampled :

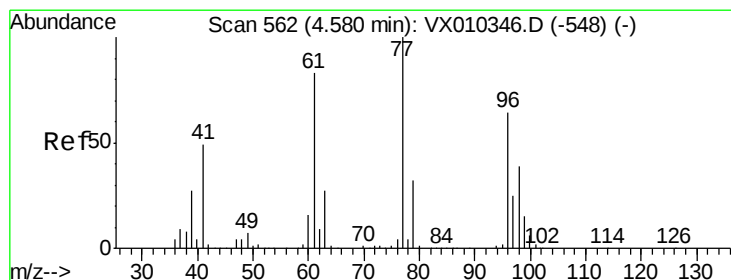
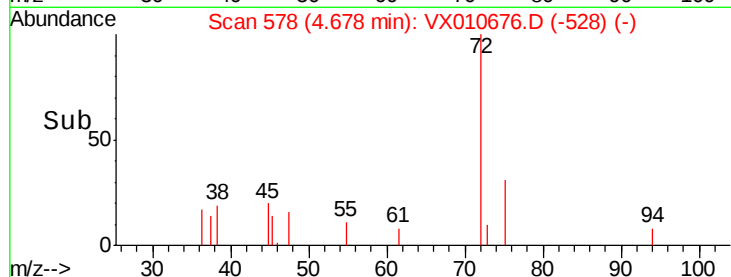
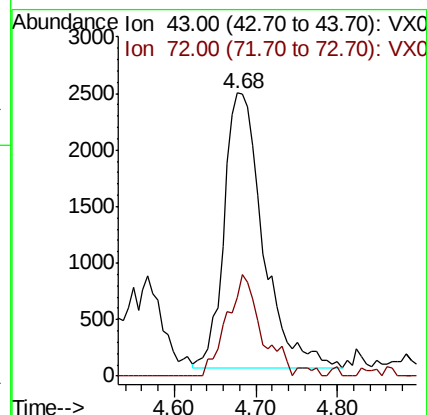
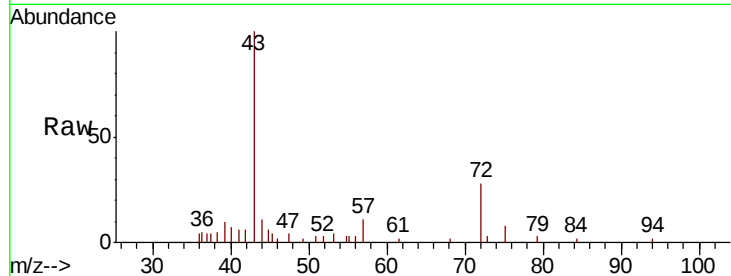
FL-0579

Tot Ion: 43 Resp: 8075

Ion Ratio Lower Upper

43 100

72 28.4 23.3 34.9



#26

2,2-Dichloropropane

Concen: 1.101 ug/l

RT: 4.40 min Scan# 533

Delta R.T. -0.18 min

Lab File: VX010676.D

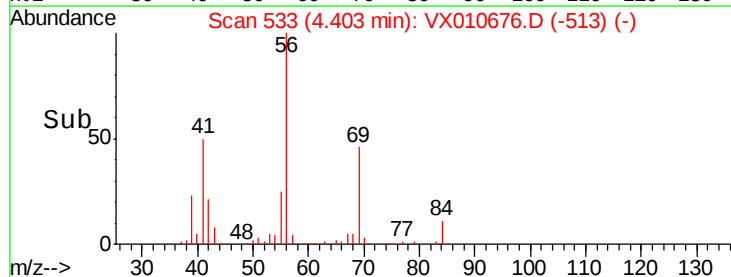
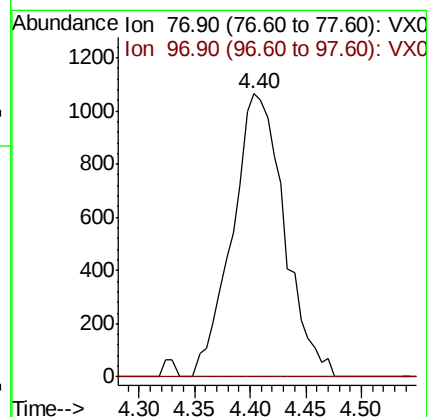
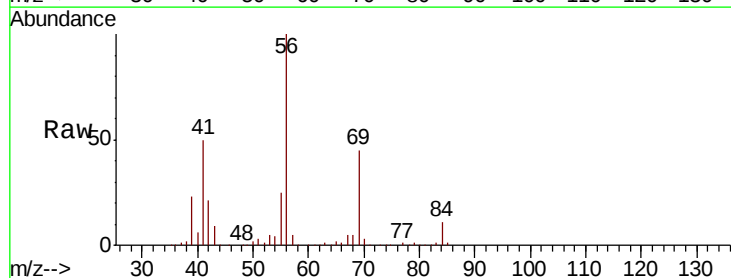
Acq: 04 Jul 2019 08:38

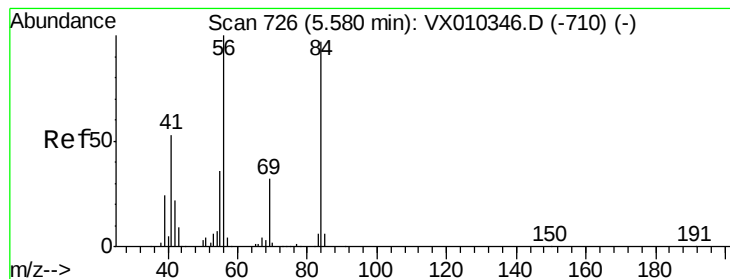
Tgt Ion: 77 Resp: 3460

Ion Ratio Lower Upper

77 100

97 0.0 13.1 39.3#





#31

Cyclohexane

Concen: 117.933 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampled :

FL-0579

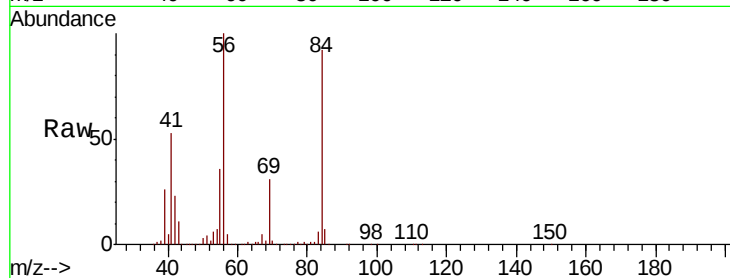
Tot Ion: 56 Resp: 388578

Ion Ratio Lower Upper

56 100

69 31.1 25.9 38.9

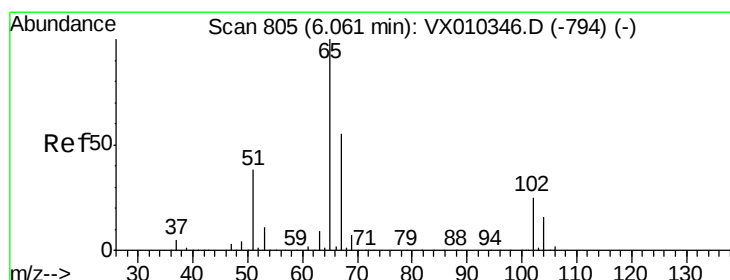
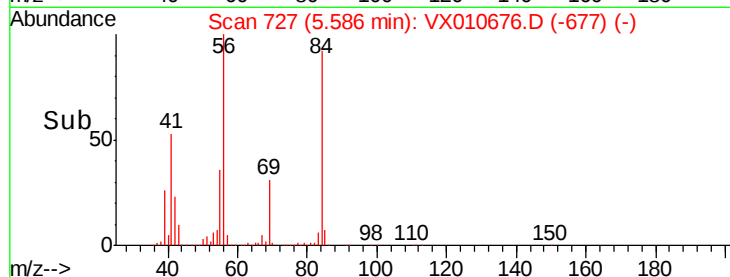
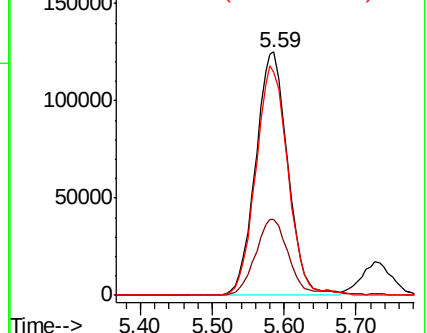
84 91.6 78.0 117.0



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: 53.166 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010676.D

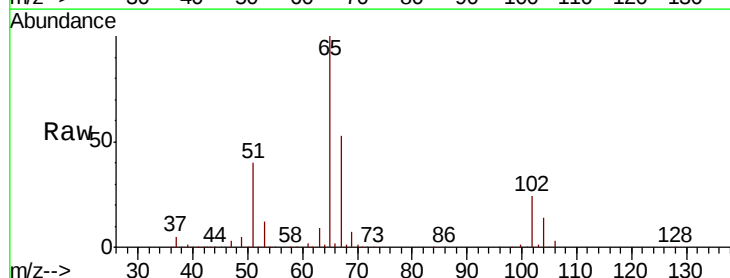
Acq: 04 Jul 2019 08:38

Tgt Ion: 65 Resp: 121277

Ion Ratio Lower Upper

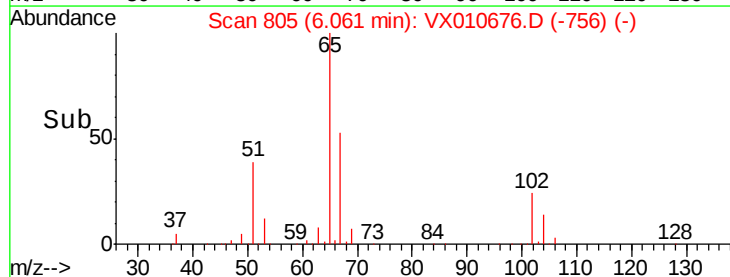
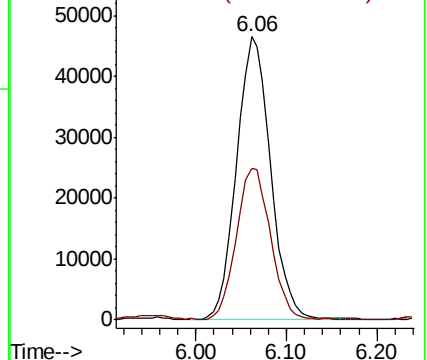
65 100

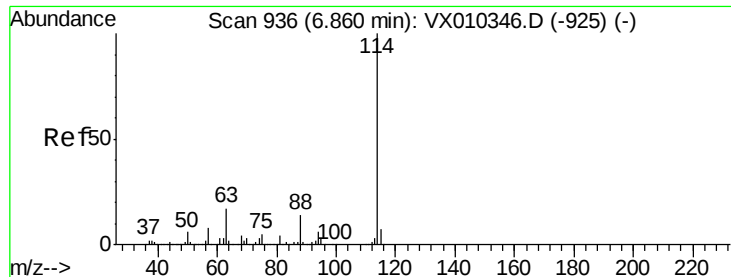
67 53.6 0.0 110.2



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: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0579

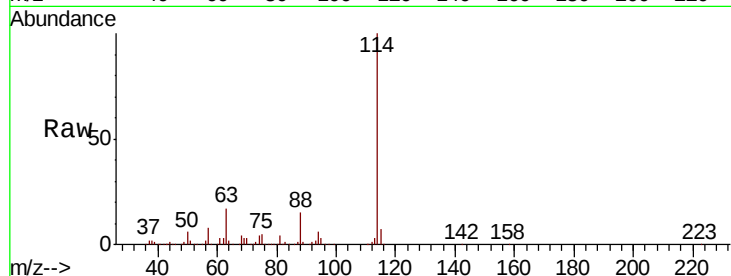
Tot Ion:114 Resp: 370859

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

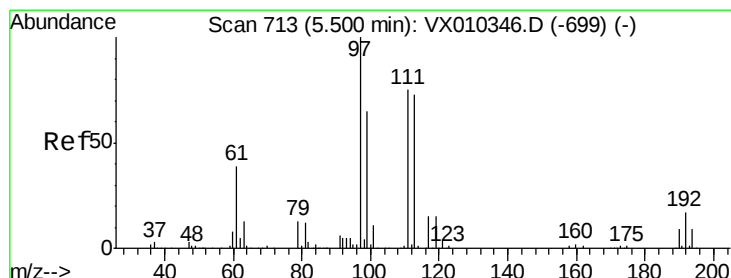
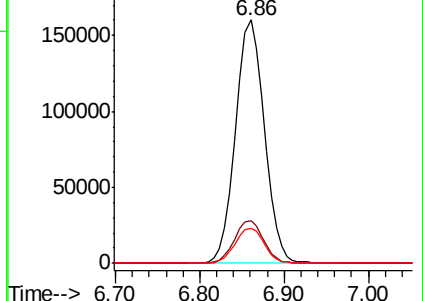
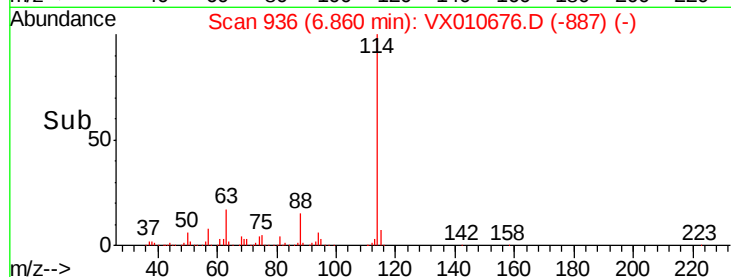
88 14.6 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.203 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

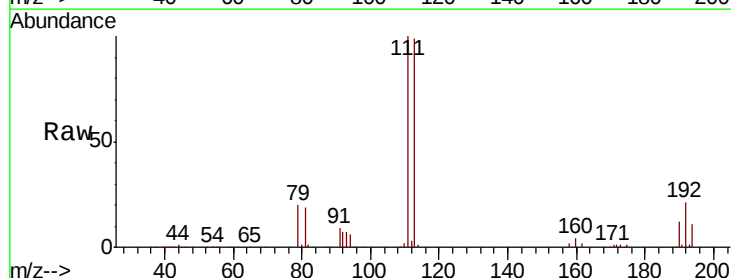
Tgt Ion:113 Resp: 111644

Ion Ratio Lower Upper

113 100

111 103.9 81.2 121.8

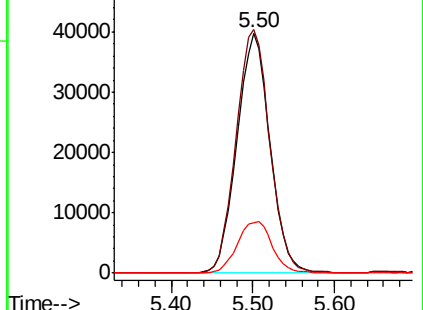
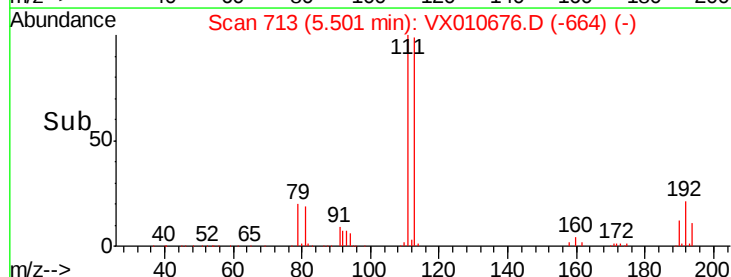
192 22.8 18.6 27.8

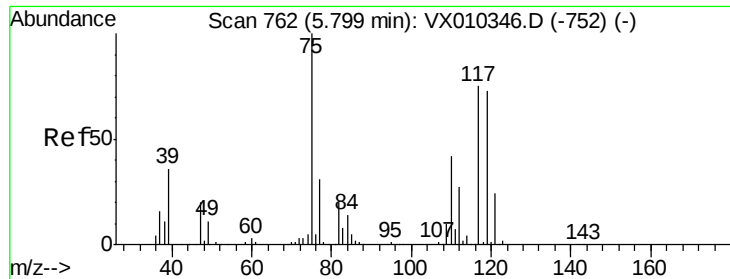


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

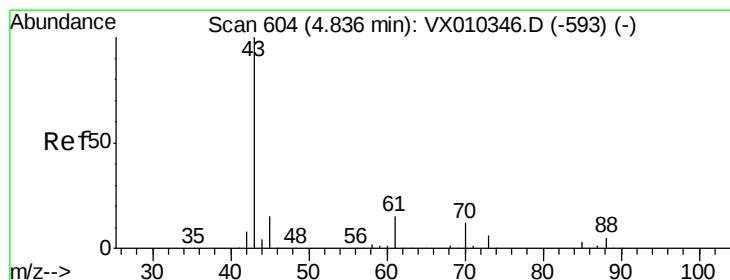
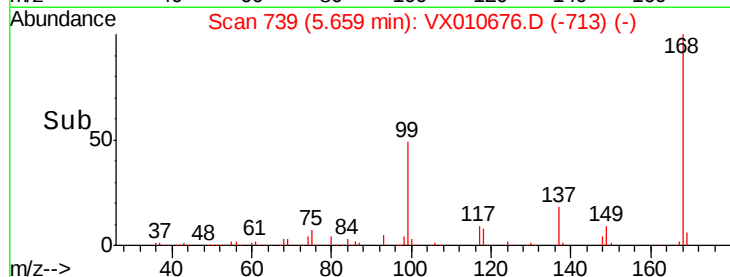
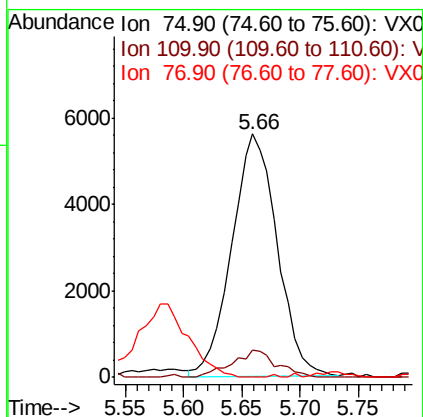
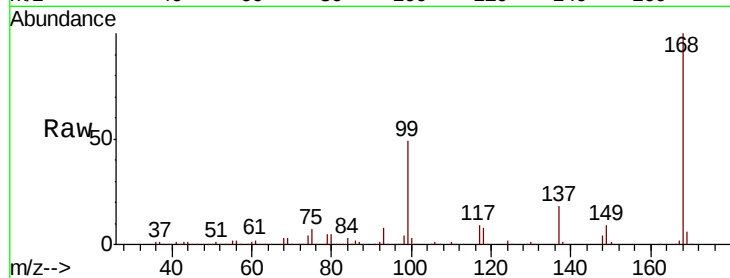




#36
 1,1-Dichloropropene
 Concen: 5.135 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010676.D
 Acq: 04 Jul 2019 08:38

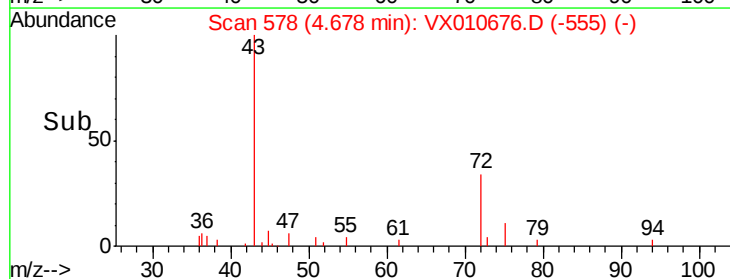
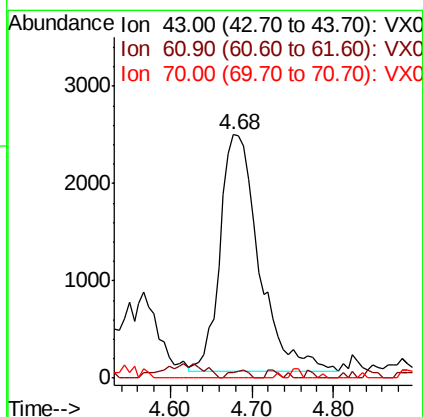
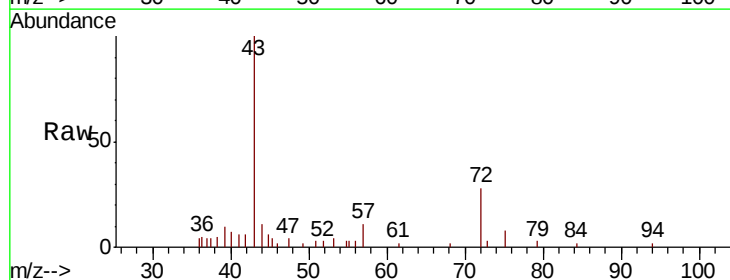
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0579

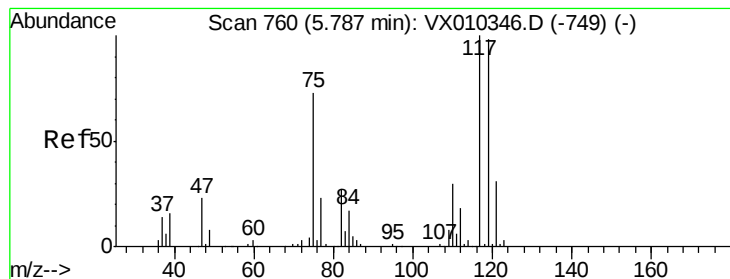
Tot Ion: 75 Resp: 15132
 Ion Ratio Lower Upper
 75 100
 110 11.2 20.8 62.2#
 77 0.0 25.4 38.0#



#37
 Ethyl Acetate
 Concen: 2.663 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. -0.16 min
 Lab File: VX010676.D
 Acq: 04 Jul 2019 08:38

Tgt Ion: 43 Resp: 8075
 Ion Ratio Lower Upper
 43 100
 61 1.4 12.4 18.6#
 70 0.0 9.8 14.8#





#38

Carbon Tetrachloride

Concen: 6.994 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0579

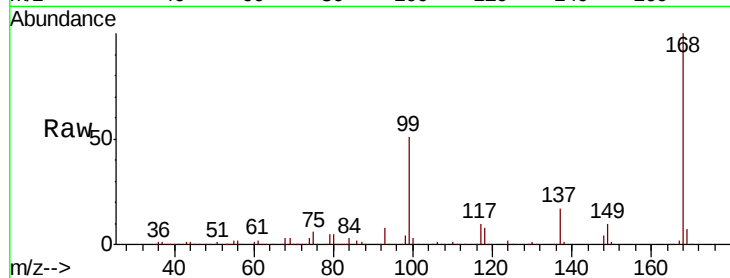
Tot Ion:117 Resp: 22319

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.4#

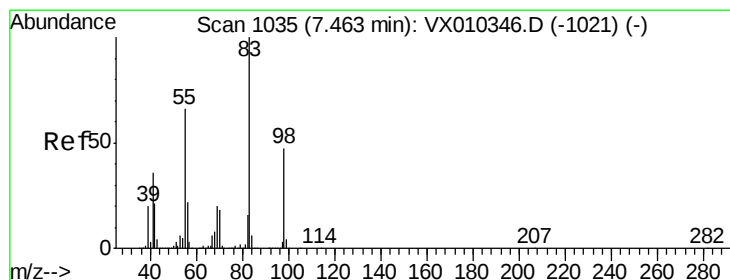
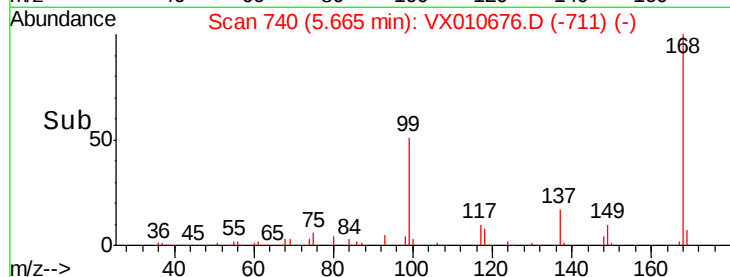
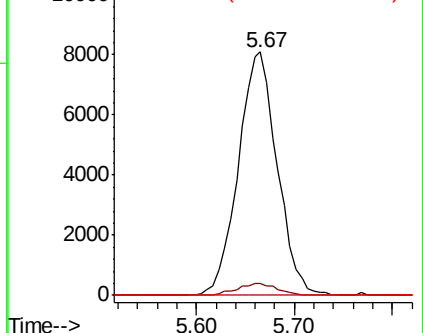
121 0.0 24.7 37.1#



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: 166.161 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

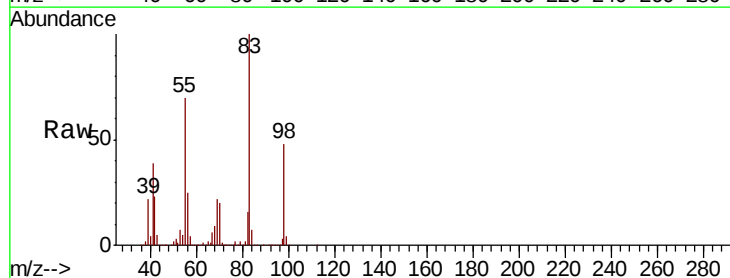
Tgt Ion: 83 Resp: 643676

Ion Ratio Lower Upper

83 100

55 70.4 53.0 79.6

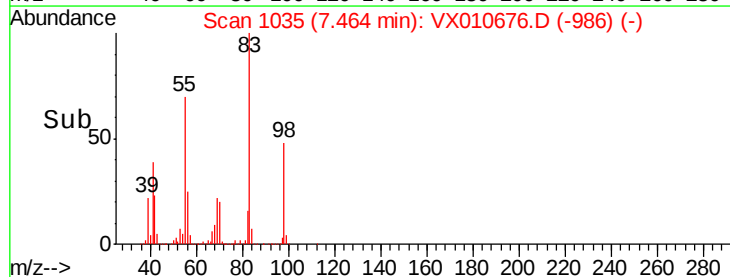
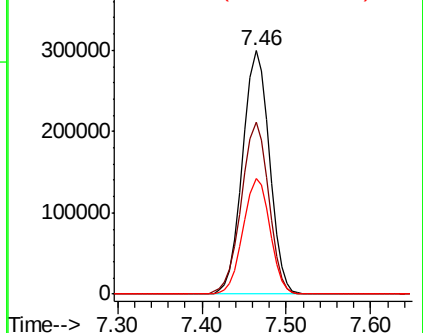
98 47.6 37.8 56.8

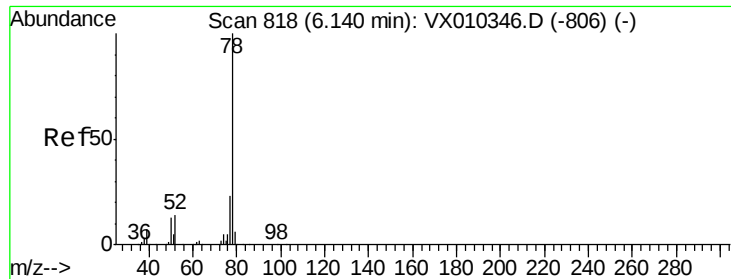


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 5.974 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampled :

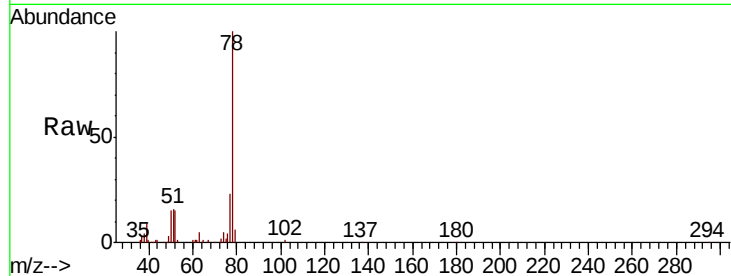
FL-0579

Tot Ion: 78 Resp: 54854

Ion Ratio Lower Upper

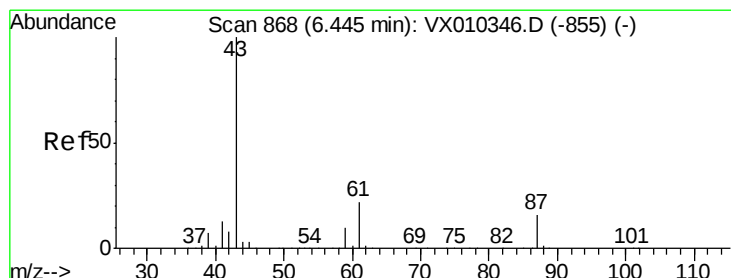
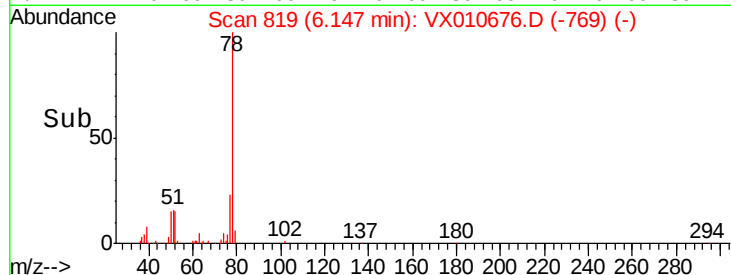
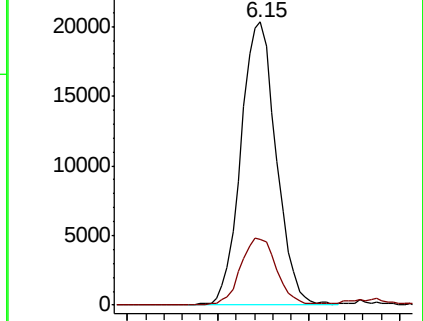
78 100

77 23.1 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 1.534 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

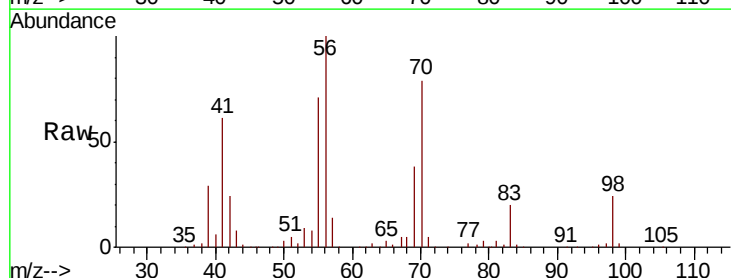
Tgt Ion: 43 Resp: 7695

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

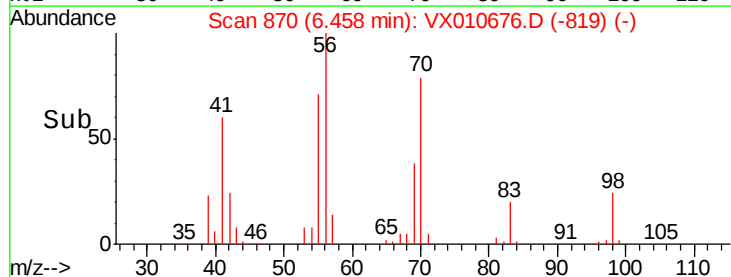
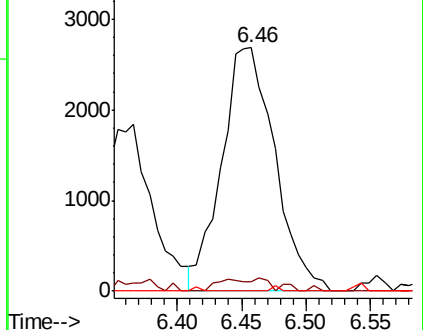
87 0.3 13.0 19.4#

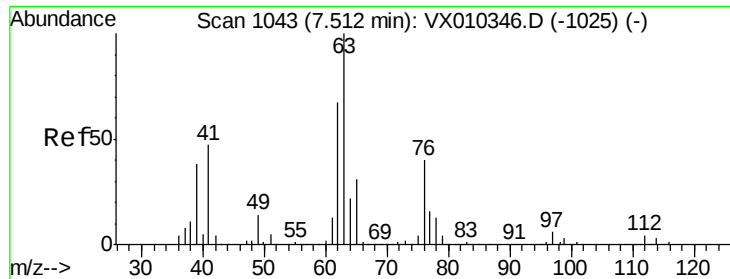


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#45

1,2-Dichloropropane

Concen: 2.640 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampled :

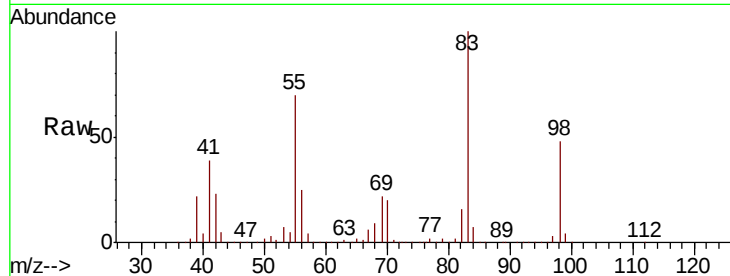
FL-0579

Tot Ion: 63 Resp: 6120

Ion Ratio Lower Upper

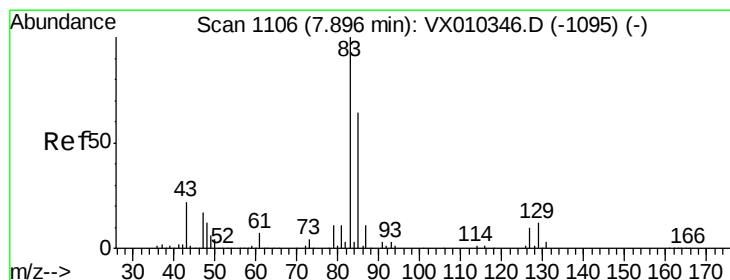
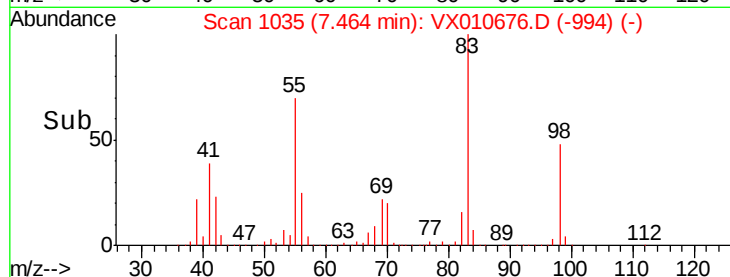
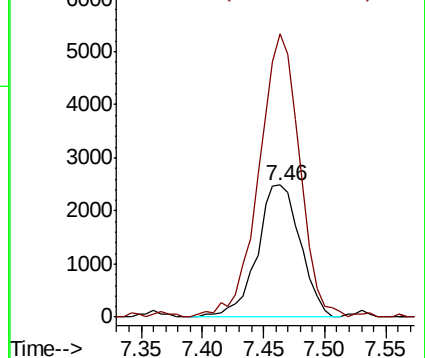
63 100

65 214.5 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.366 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. -0.04 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

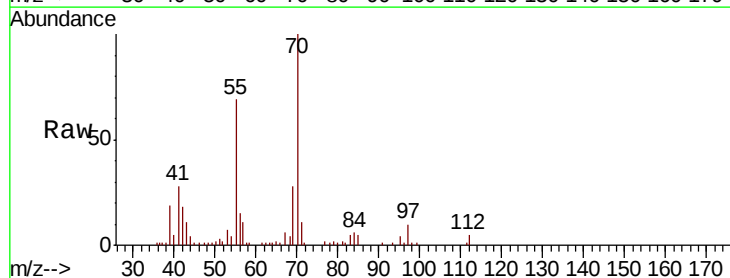
Tgt Ion: 83 Resp: 1117

Ion Ratio Lower Upper

83 100

85 95.2 51.5 77.3#

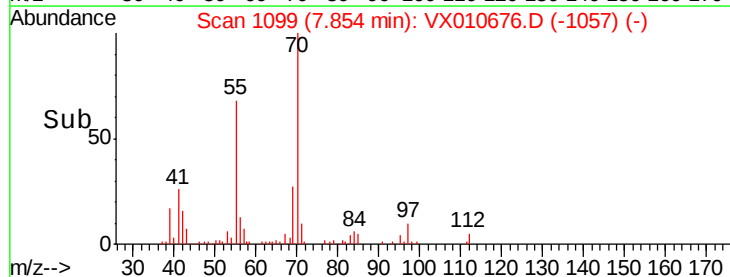
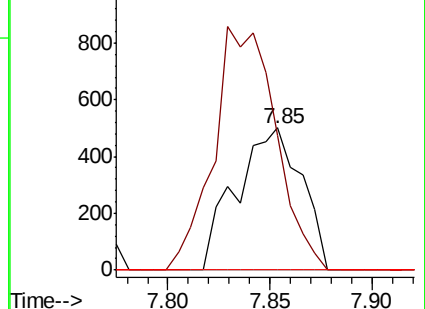
127 0.0 7.8 11.8#

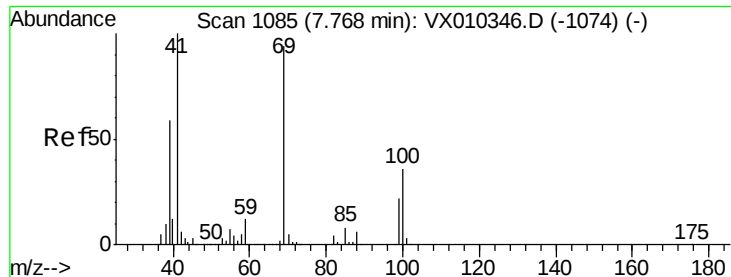


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#48

Methvl methacrylate

Concen: 8.937 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0579

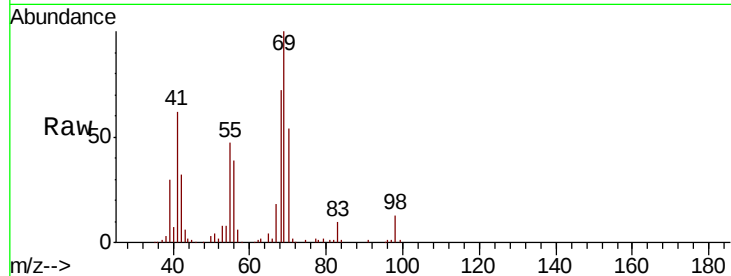
Tot Ion: 41 Resp: 20837

Ion Ratio Lower Upper

41 100

69 168.2 76.1 114.1#

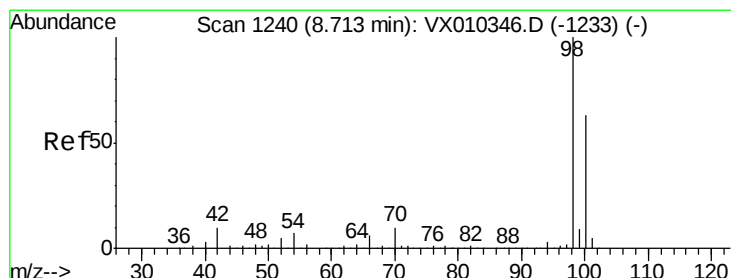
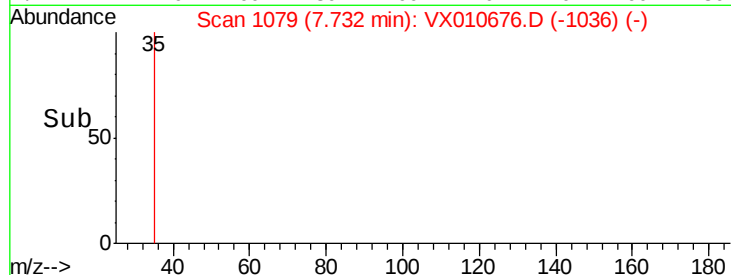
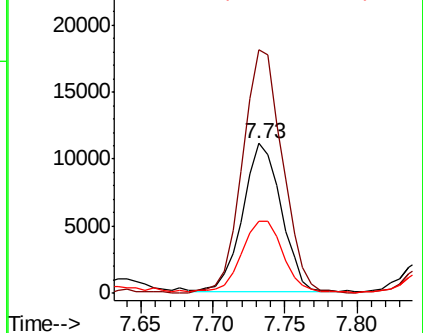
39 50.9 47.6 71.4



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



#50

Toluene-d8

Concen: 51.488 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010676.D

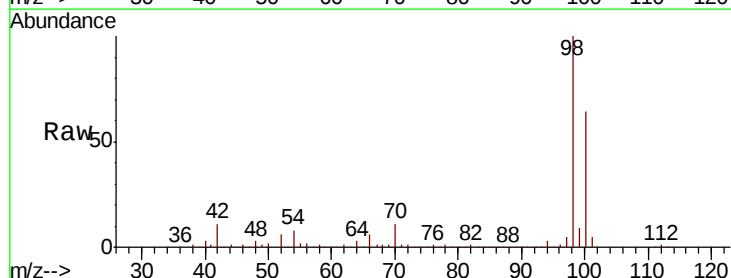
Acq: 04 Jul 2019 08:38

Tgt Ion: 98 Resp: 446961

Ion Ratio Lower Upper

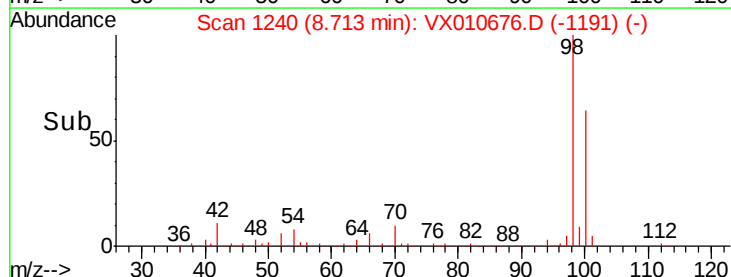
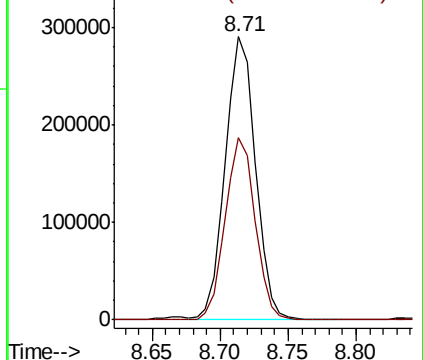
98 100

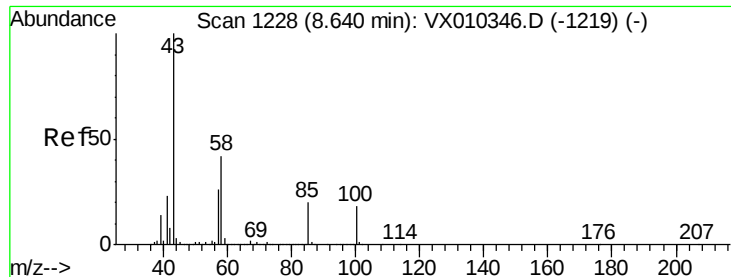
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

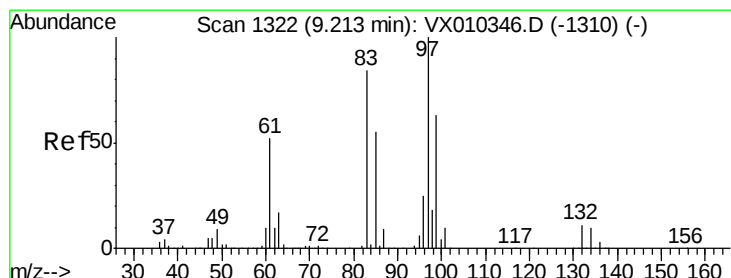
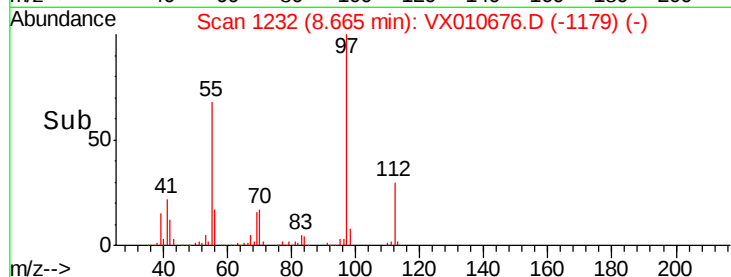
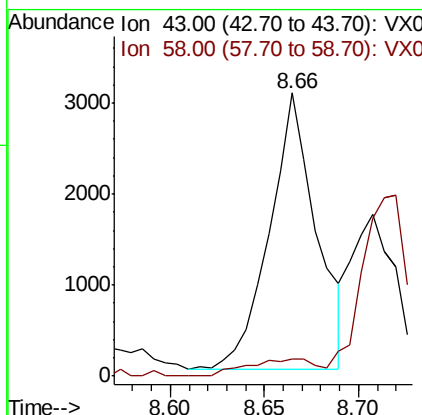
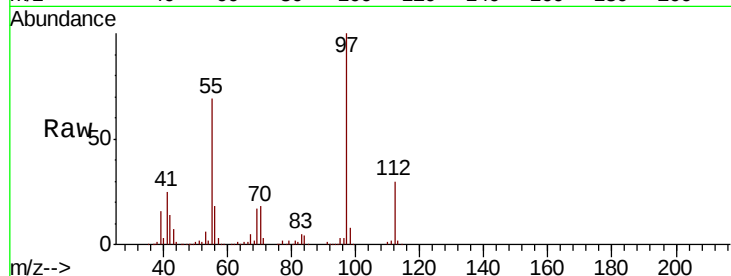




#51
 4-Methyl-2-Pentanone
 Concen: 1.640 ug/l
 RT: 8.66 min Scan# 1232
 Delta R.T. 0.02 min
 Lab File: VX010676.D
 Acq: 04 Jul 2019 08:38

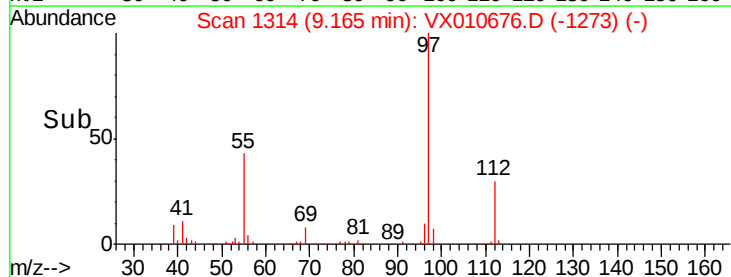
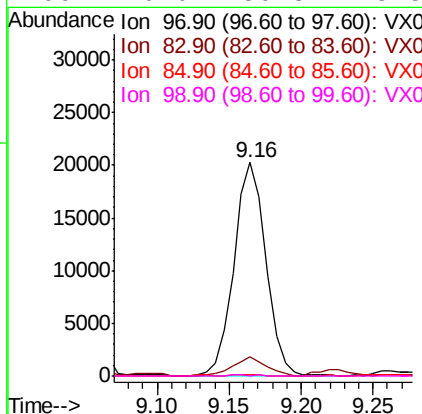
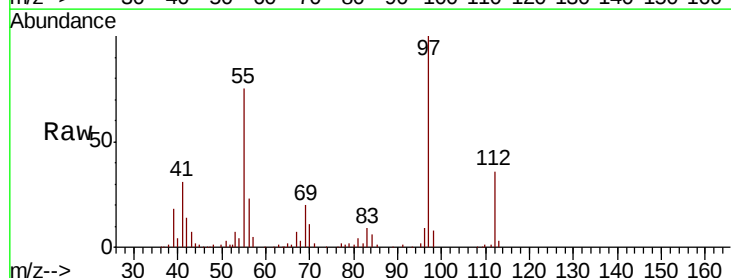
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0579

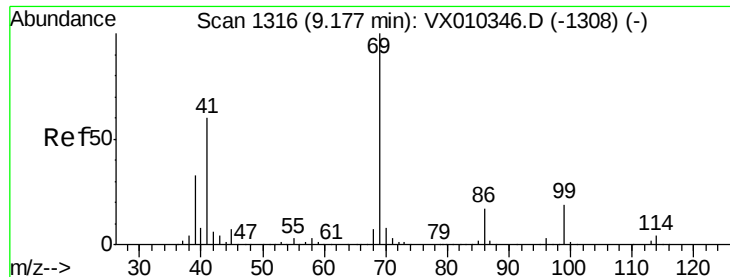
Tot Ion: 43 Resp: 5261
 Ion Ratio Lower Upper
 43 100
 58 9.2 33.5 50.3#



#55
 1,1,2-Trichloroethane
 Concen: 12.566 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010676.D
 Acq: 04 Jul 2019 08:38

Tgt Ion: 97 Resp: 31336
 Ion Ratio Lower Upper
 97 100
 83 8.8 67.4 101.0#
 85 0.4 43.8 65.8#
 99 0.0 50.3 75.5#

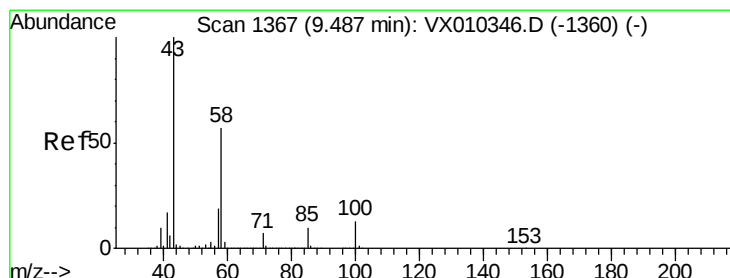
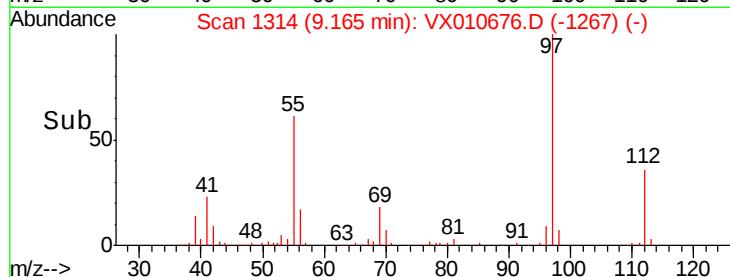
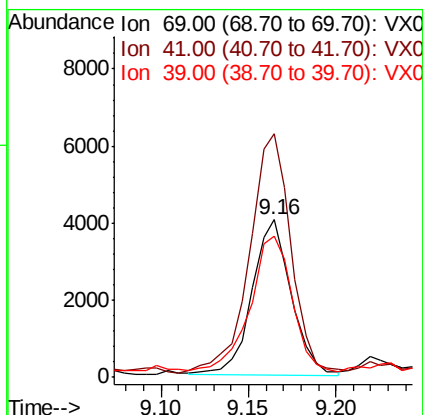
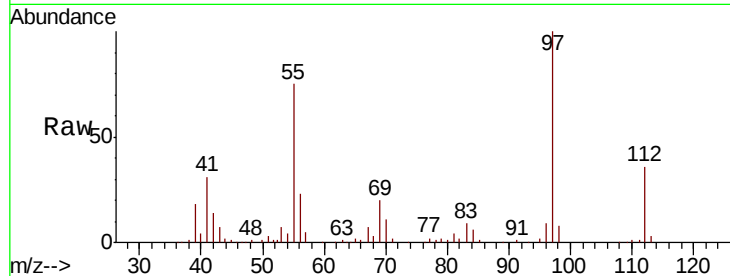




#56
Ethyl methacrylate
Concen: 1.676 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX010676.D
Acq: 04 Jul 2019 08:38

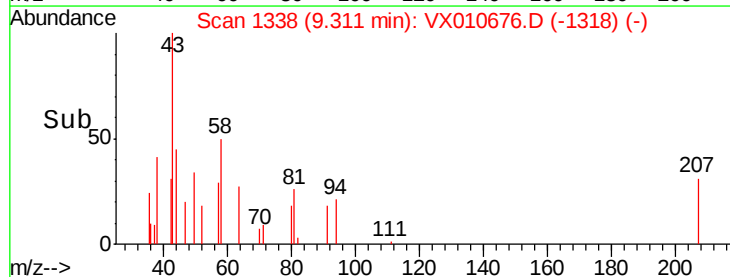
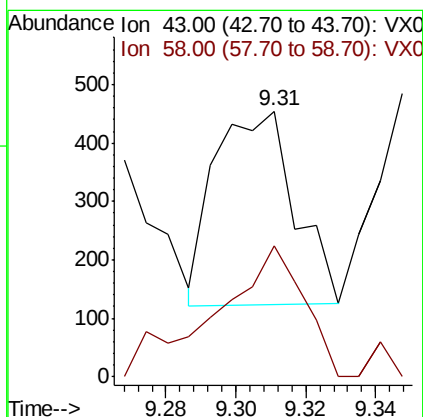
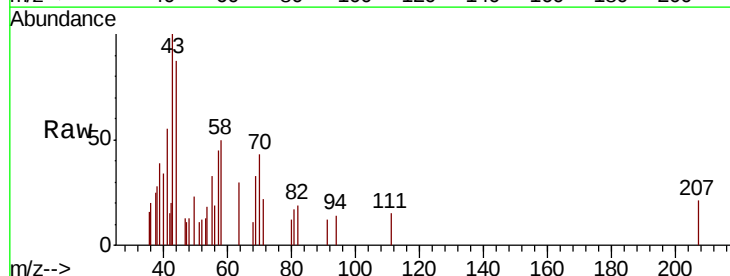
Instrument :
MSVOA_X
ClientSampled :
FL-0579

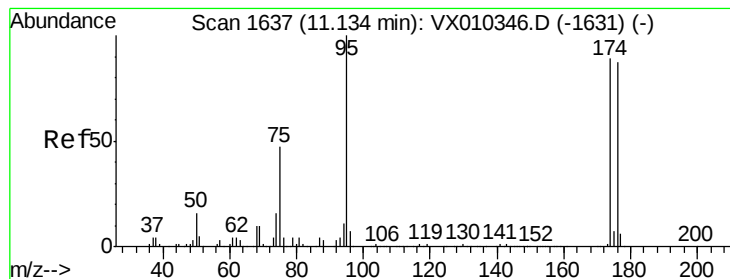
Tot Ion: 69 Resp: 6333
Ion Ratio Lower Upper
69 100
41 161.8 47.1 70.7#
39 92.5 26.6 40.0#



#59
2-Hexanone
Concen: 0.209 ug/l
RT: 9.31 min Scan# 1338
Delta R.T. -0.18 min
Lab File: VX010676.D
Acq: 04 Jul 2019 08:38

Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
58 74.4 29.0 87.1





#62

4-Bromofluorobenzene

Concen: 50.366 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0579

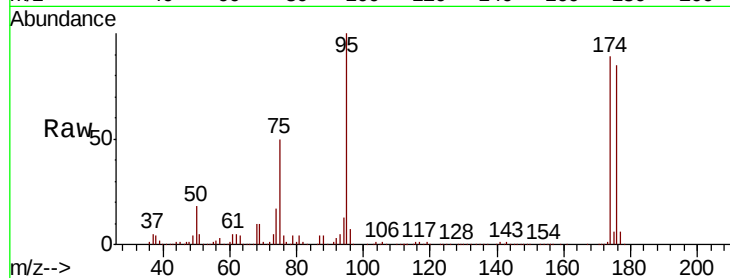
Tot Ion: 95 Resp: 157849

Ion Ratio Lower Upper

95 100

174 94.0 0.0 187.6

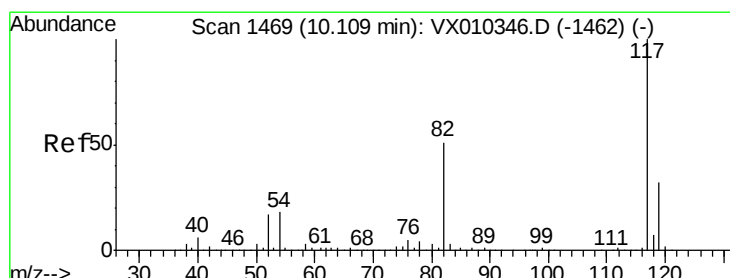
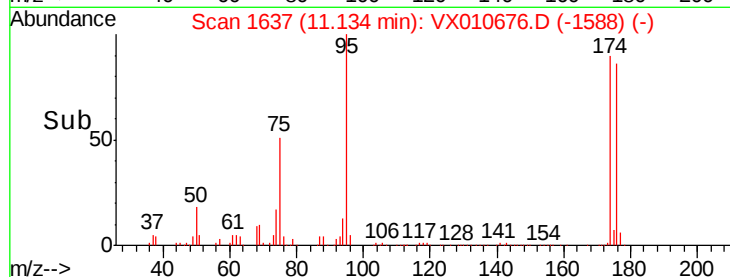
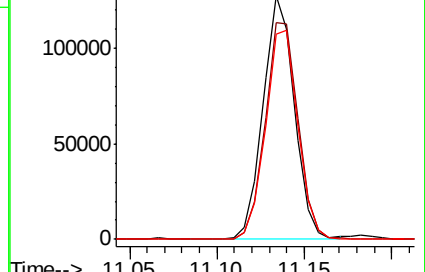
176 89.7 0.0 184.0



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

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

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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

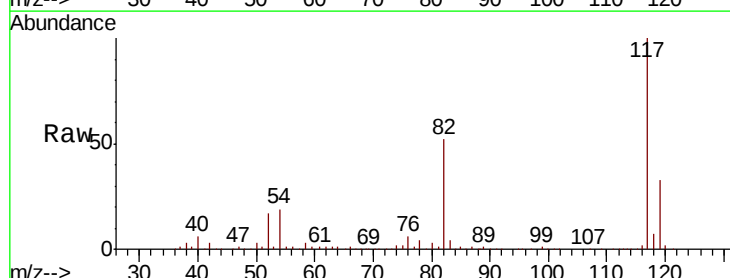
Tgt Ion: 117 Resp: 343735

Ion Ratio Lower Upper

117 100

82 52.0 41.2 61.8

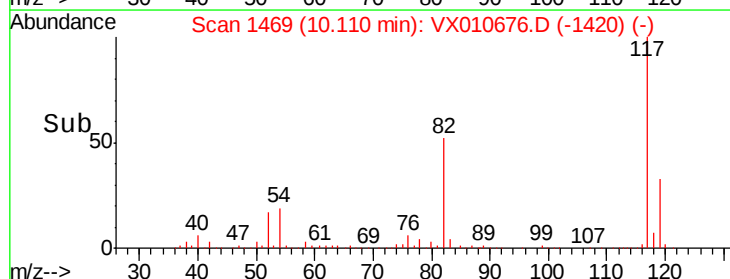
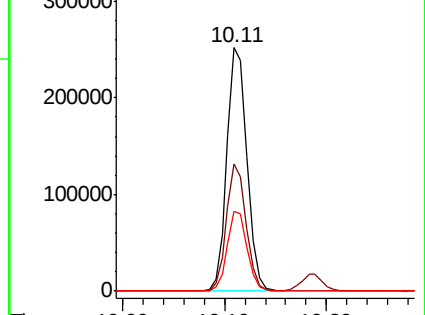
119 32.8 25.5 38.3

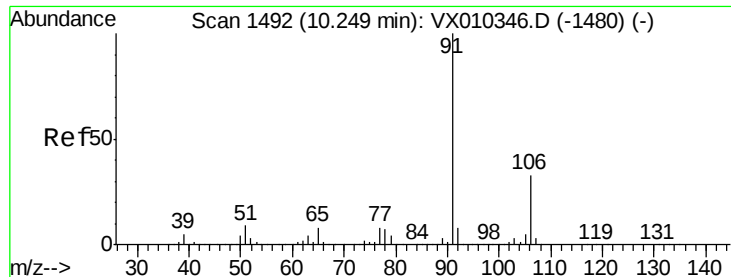


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

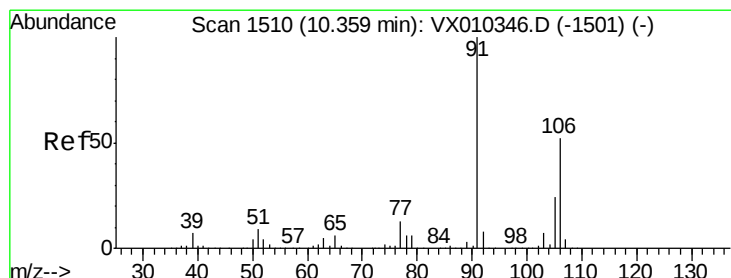
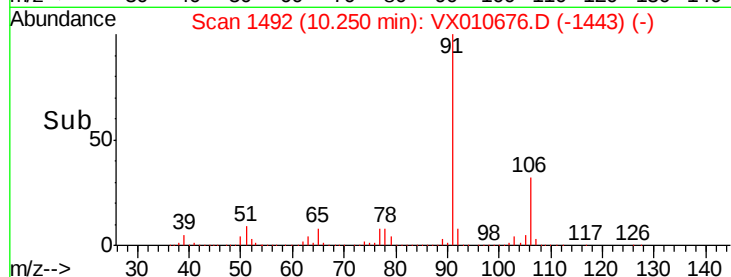
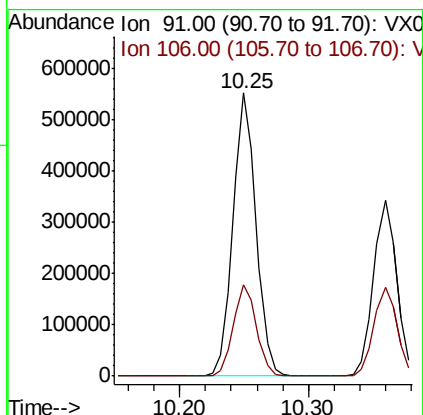
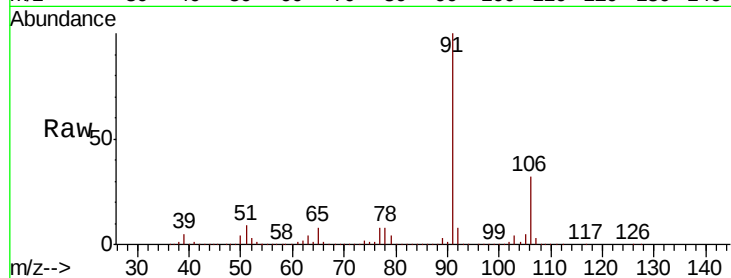




#67
Ethyl Benzene
Concen: 58.586 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010676.D
Acq: 04 Jul 2019 08:38

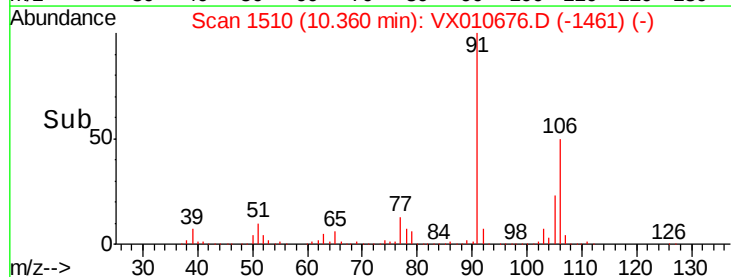
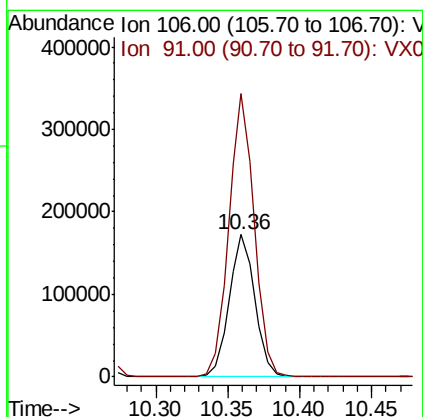
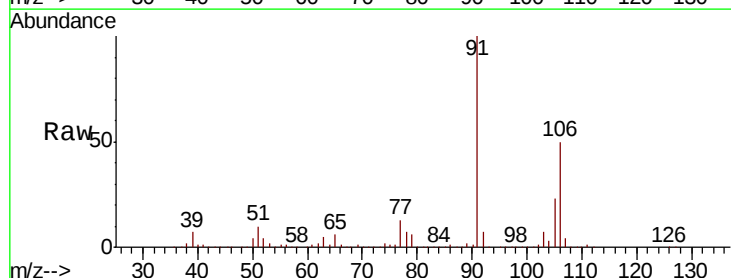
Instrument :
MSVOA_X
ClientSampleId :
FL-0579

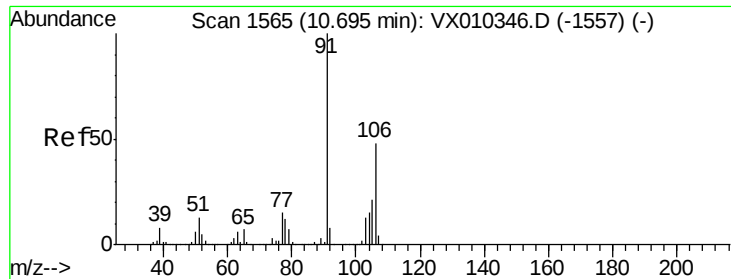
Tot Ion: 91 Resp: 690212
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2



#68
m/p-Xylenes
Concen: 47.274 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010676.D
Acq: 04 Jul 2019 08:38

Tgt Ion: 106 Resp: 215801
Ion Ratio Lower Upper
106 100
91 196.9 155.3 232.9

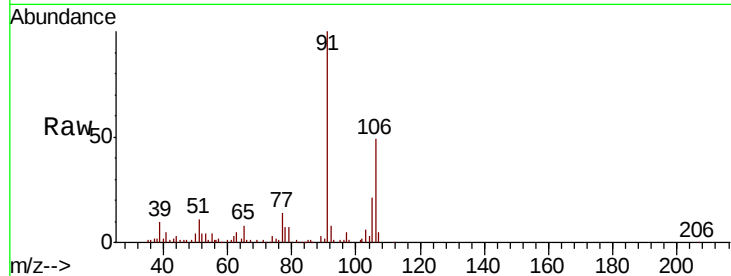




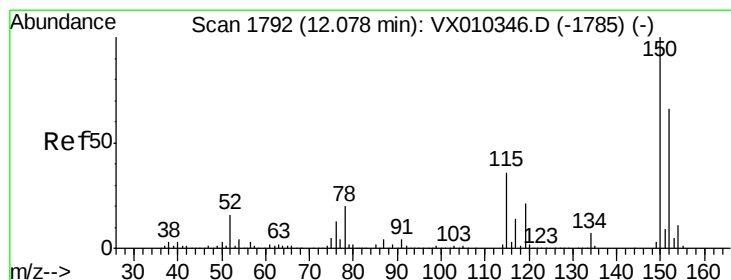
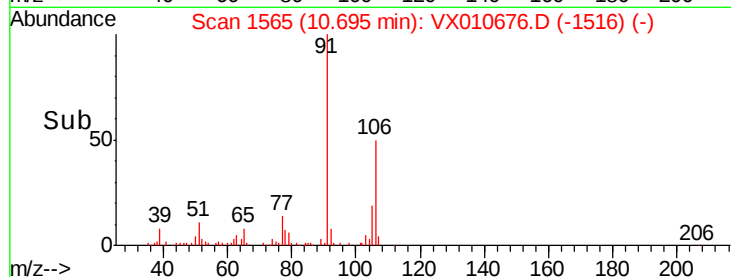
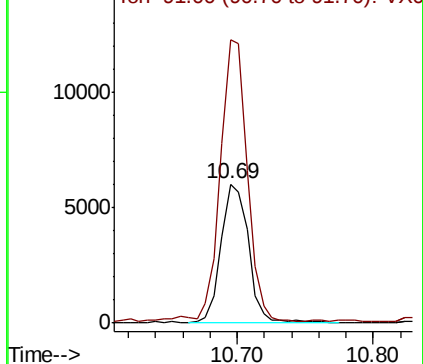
#69
o-Xylene
Concen: 1.896 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010676.D
Acq: 04 Jul 2019 08:38

Instrument :
MSVOA_X
ClientSampled :
FL-0579

Tot Ion:106 Resp: 8511
Ion Ratio Lower Upper
106 100
91 198.3 102.7 308.1

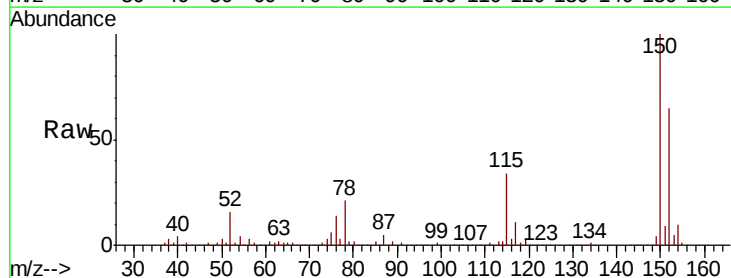


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

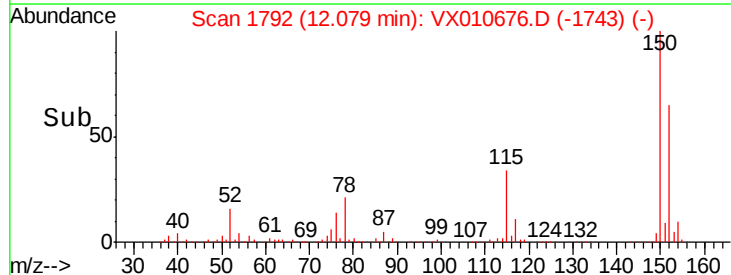
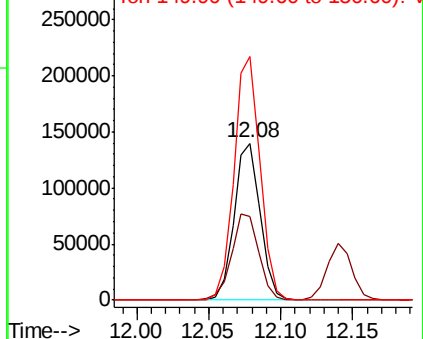


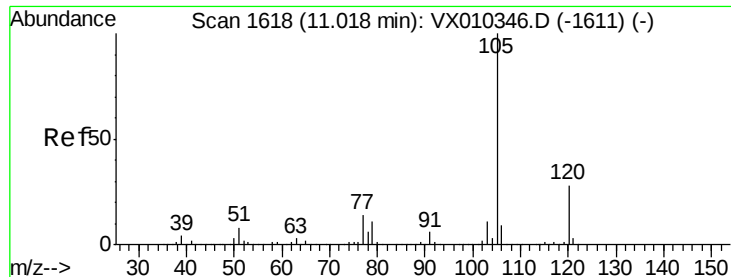
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010676.D
Acq: 04 Jul 2019 08:38

Tgt Ion:152 Resp: 176013
Ion Ratio Lower Upper
152 100
115 57.0 38.6 115.7
150 155.9 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: 39.778 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

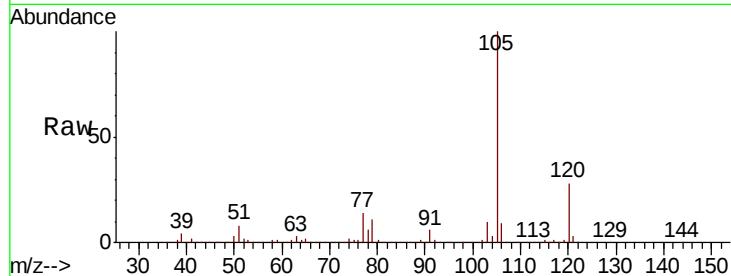
FL-0579

Tot Ion:105 Resp: 474607

Ion Ratio Lower Upper

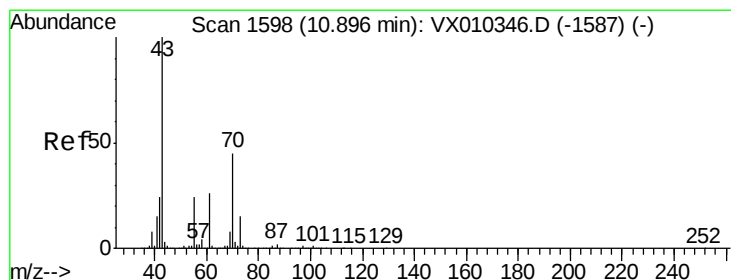
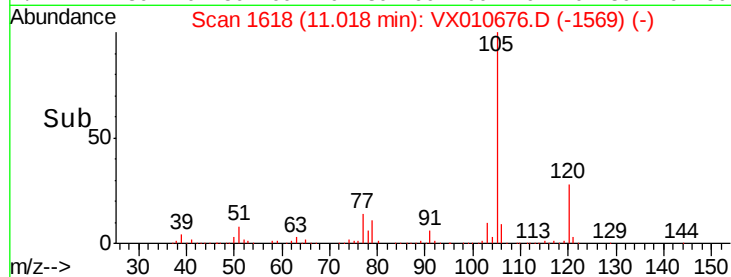
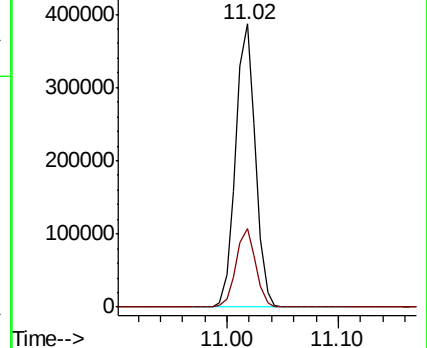
105 100

120 27.5 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-ethyl acetate

Concen: 0.758 ug/l

RT: 10.95 min Scan# 1607

Delta R.T. 0.06 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Tgt Ion: 43 Resp: 3418

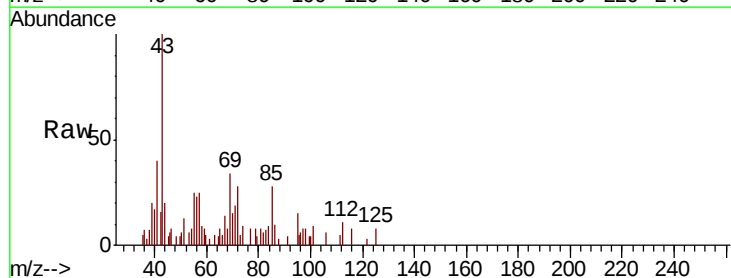
Ion Ratio Lower Upper

43 100

70 0.0 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#

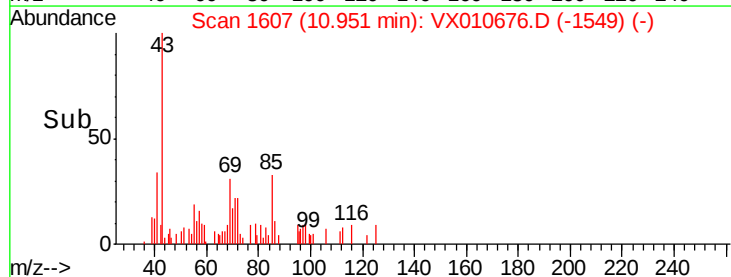
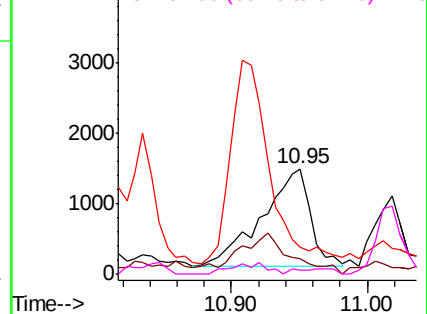


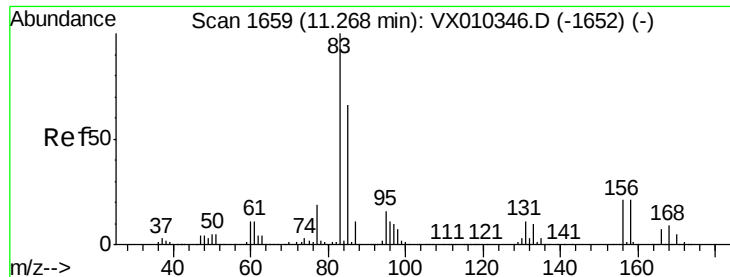
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.311 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0579

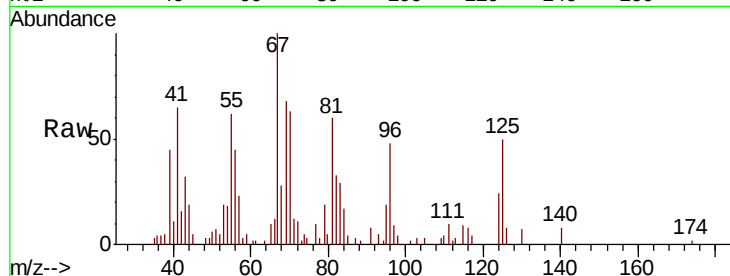
Tot Ion: 83 Resp: 1229

Ion Ratio Lower Upper

83 100

131 9.0 5.5 16.4

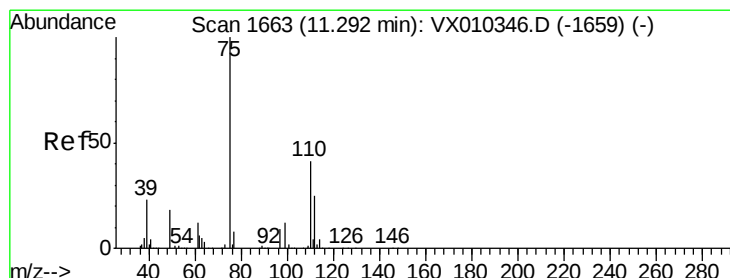
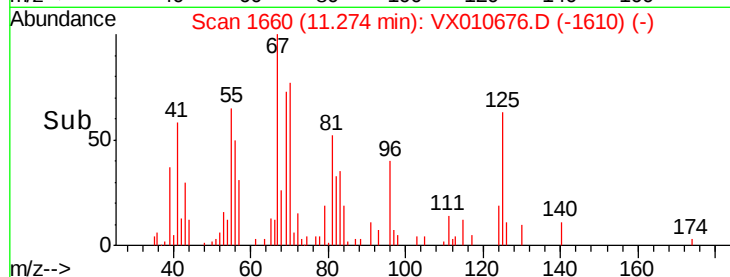
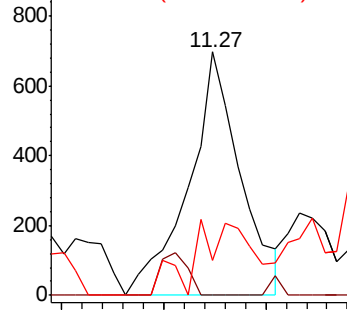
85 33.6 32.3 96.8



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: 1.504 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010676.D

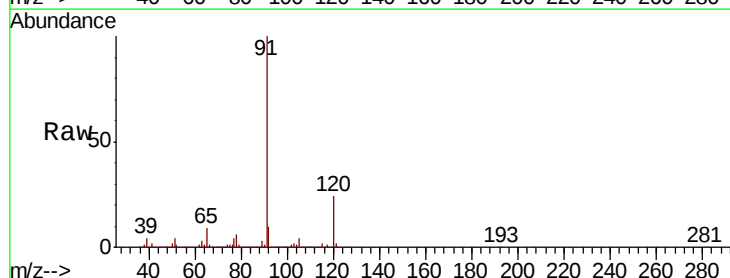
Acq: 04 Jul 2019 08:38

Tgt Ion: 75 Resp: 4825

Ion Ratio Lower Upper

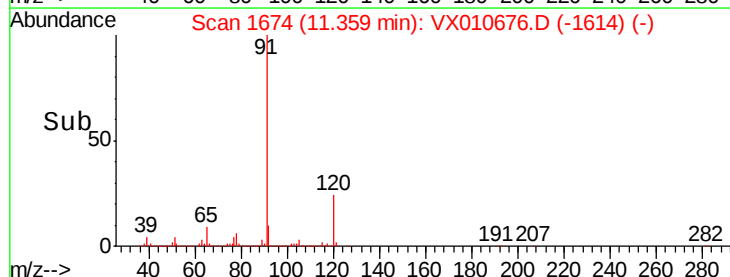
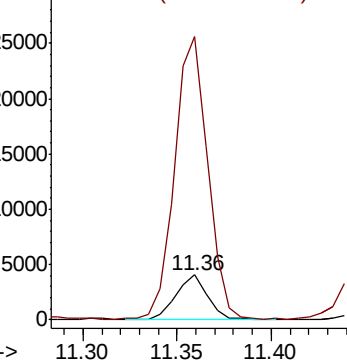
75 100

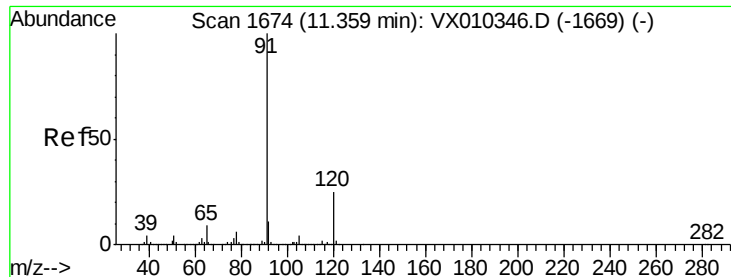
77 643.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 62.061 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

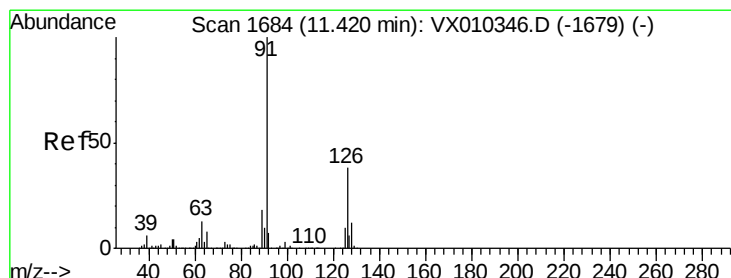
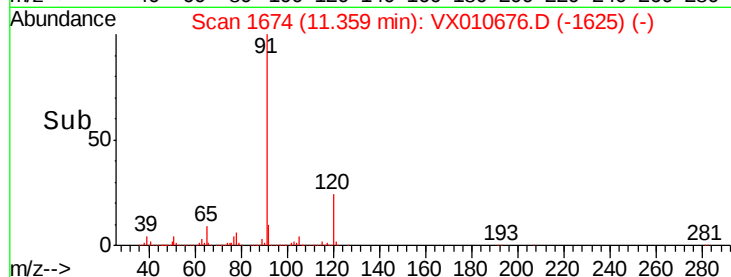
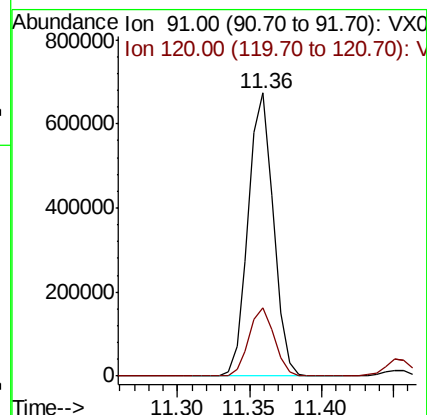
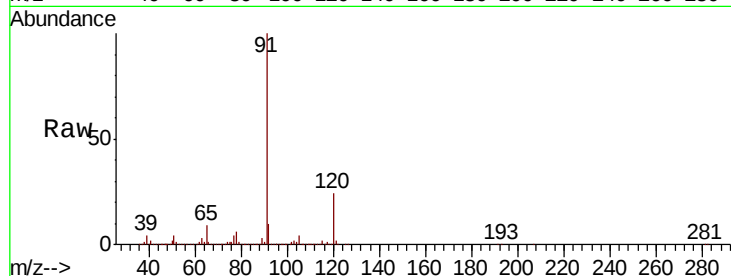
FL-0579

Tot Ion: 91 Resp: 813828

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4



#79

2-Chlorotoluene

Concen: 104.222 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010676.D

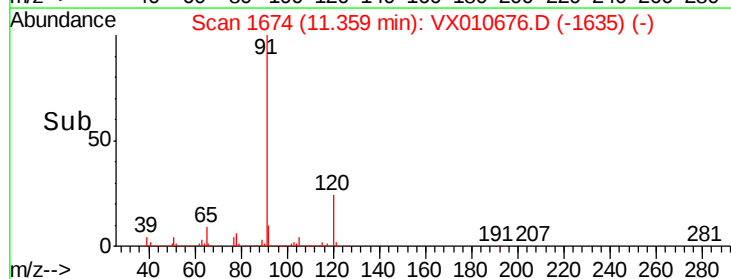
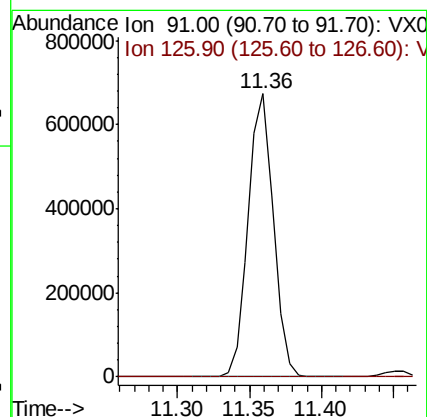
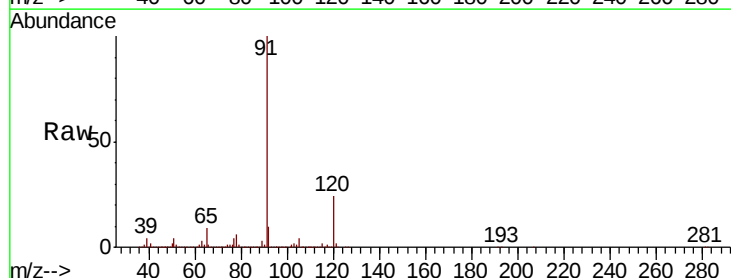
Acq: 04 Jul 2019 08:38

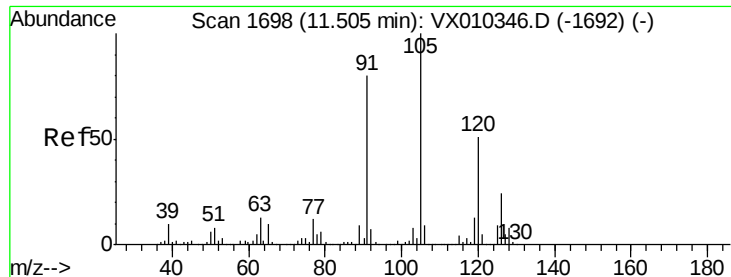
Tgt Ion: 91 Resp: 813828

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 16.750 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.05 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

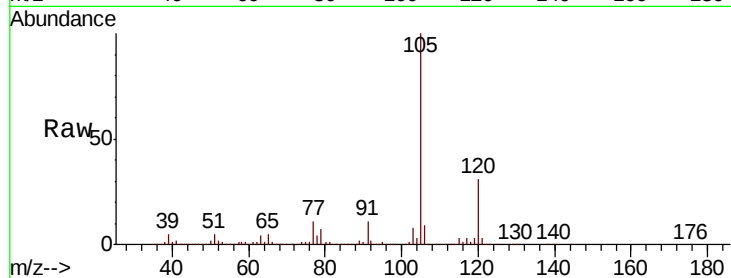
FL-0579

Tot Ion:105 Resp: 164758

Ion Ratio Lower Upper

105 100

120 31.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

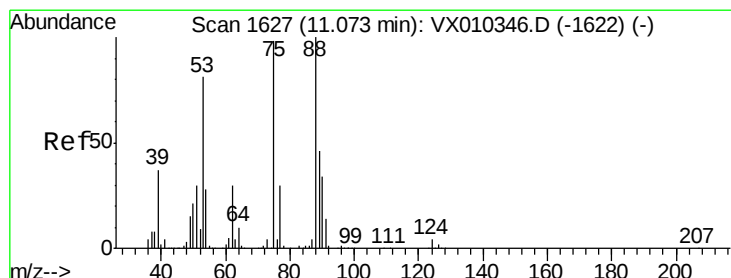
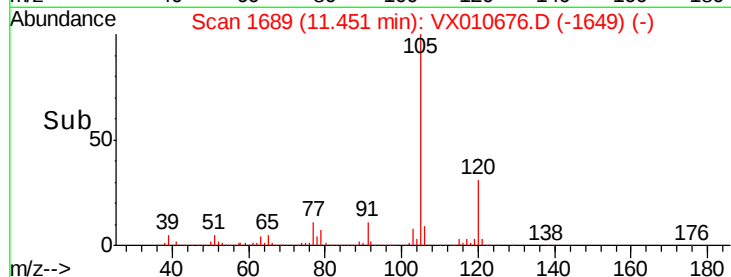
Ion 120.00 (119.70 to 120.70): V

11.45

11.45

11.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 57.169 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

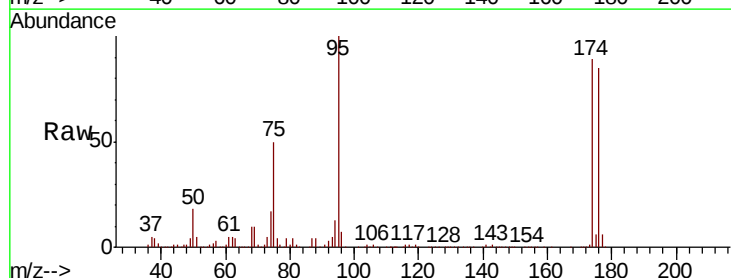
Tgt Ion: 75 Resp: 78600

Ion Ratio Lower Upper

75 100

53 0.6 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

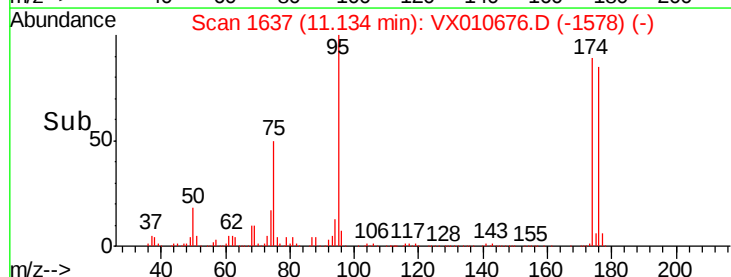
Ion 88.90 (88.60 to 89.60): VX0

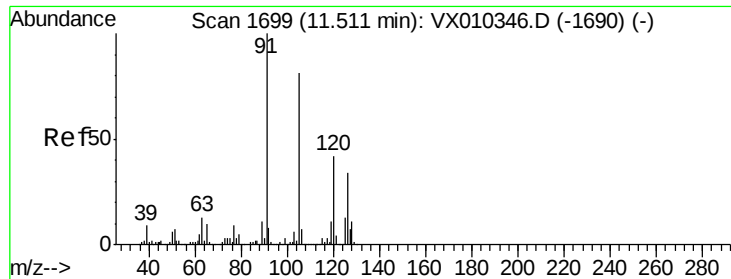
11.13

11.13

11.20

Time-->





#82

4-Chlorotoluene

Concen: 91.592 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

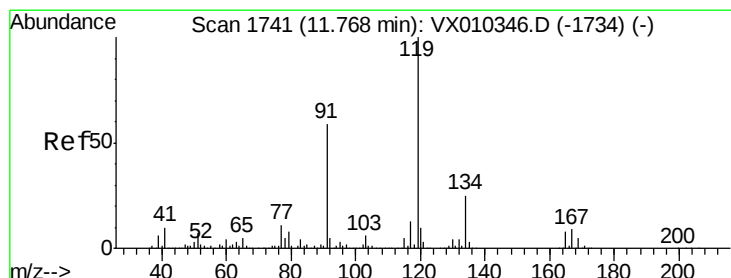
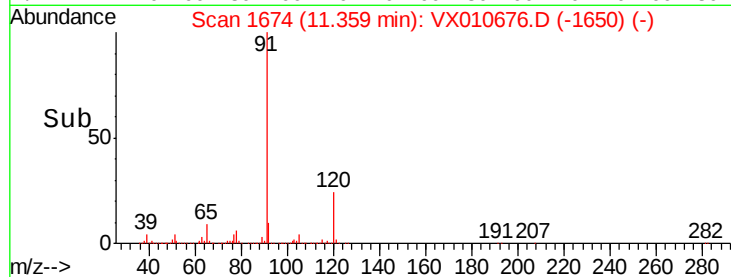
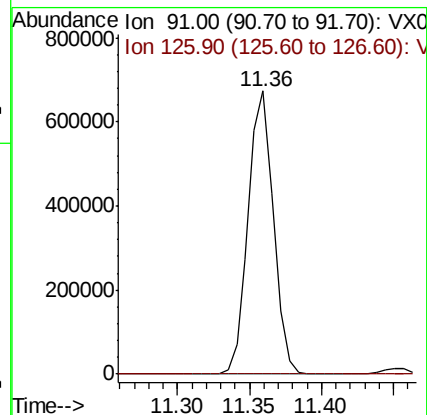
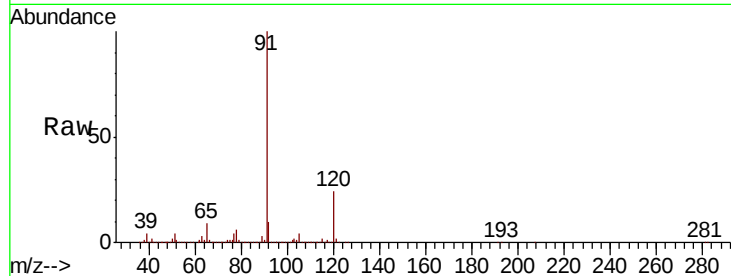
FL-0579

Tot Ion: 91 Resp: 813828

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 35.461 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

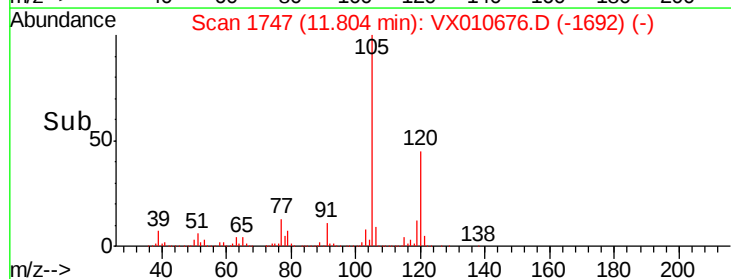
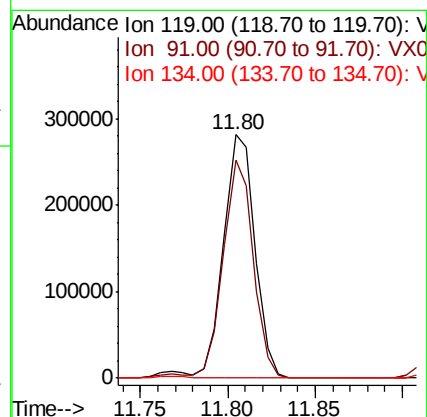
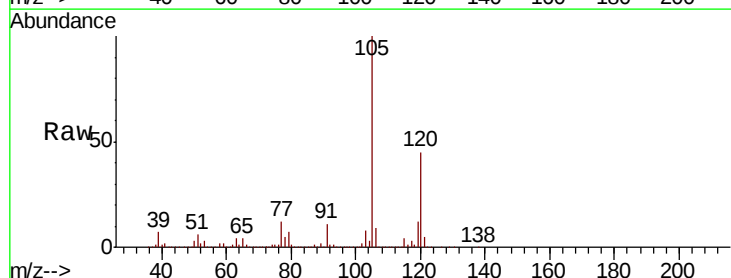
Tgt Ion: 119 Resp: 350084

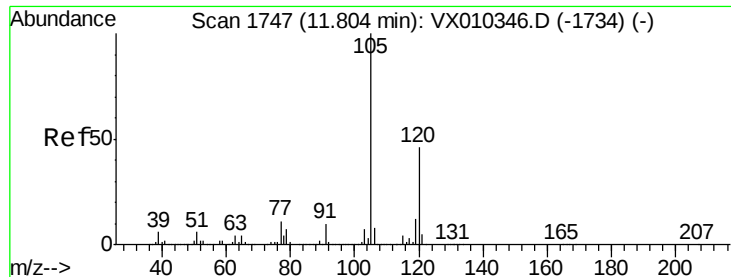
Ion Ratio Lower Upper

119 100

91 87.8 27.6 82.7#

134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 287.078 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

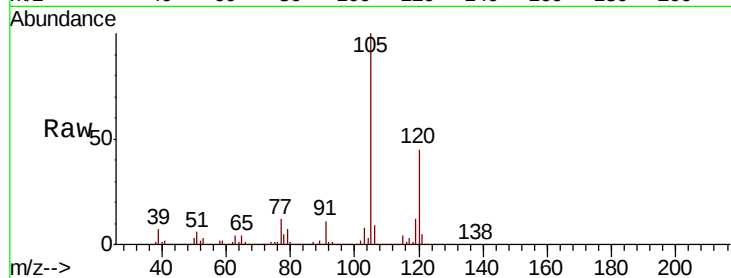
FL-0579

Tot Ion:105 Resp: 2836964

Ion Ratio Lower Upper

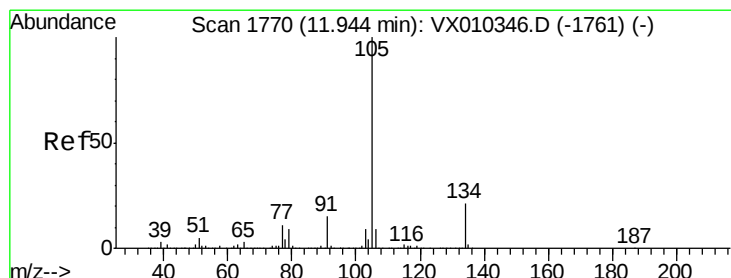
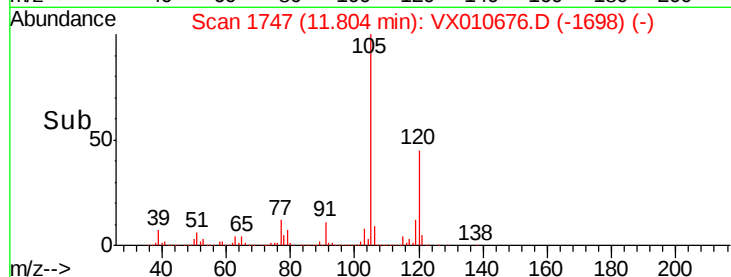
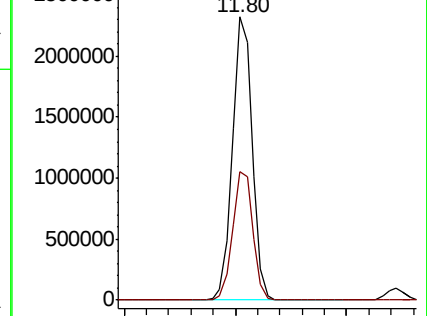
105 100

120 46.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 10.445 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010676.D

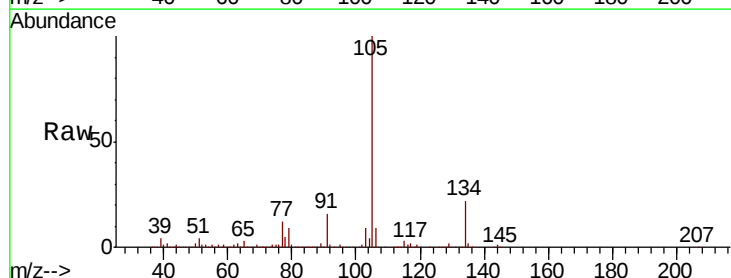
Acq: 04 Jul 2019 08:38

Tgt Ion:105 Resp: 121072

Ion Ratio Lower Upper

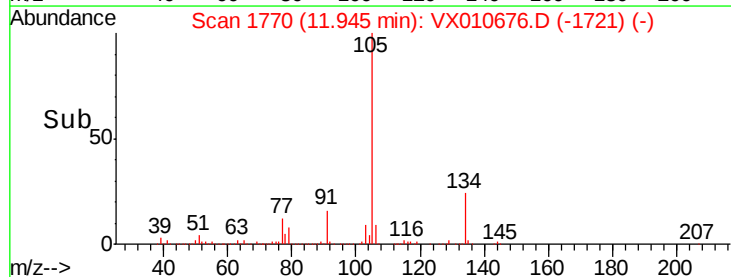
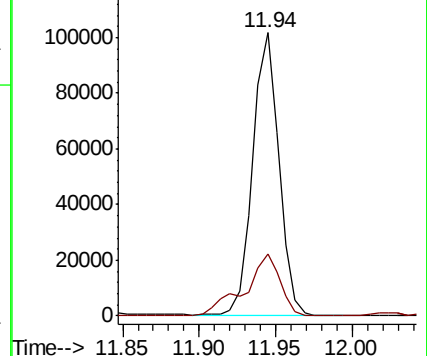
105 100

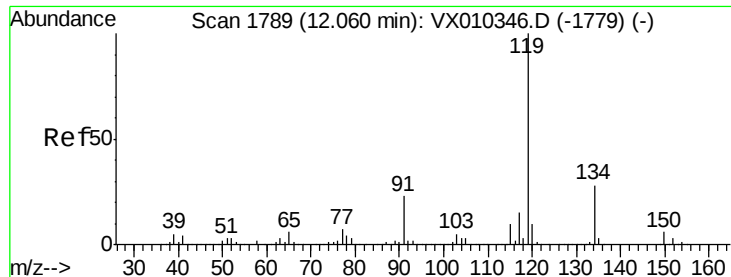
134 29.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

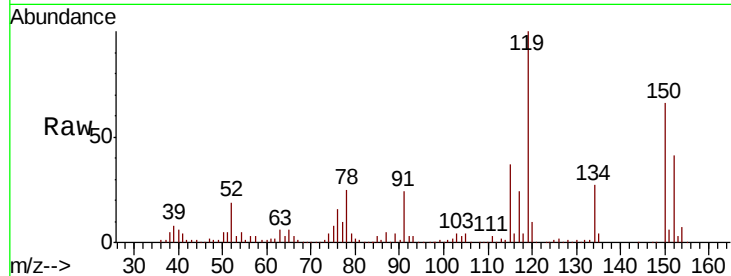




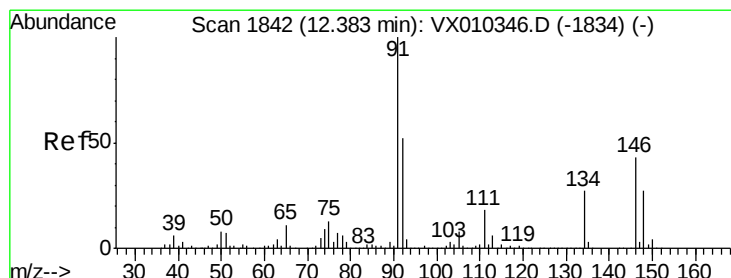
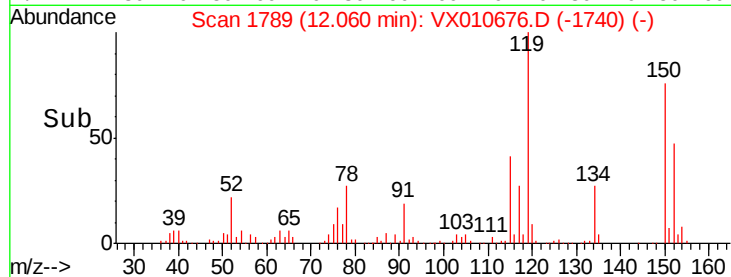
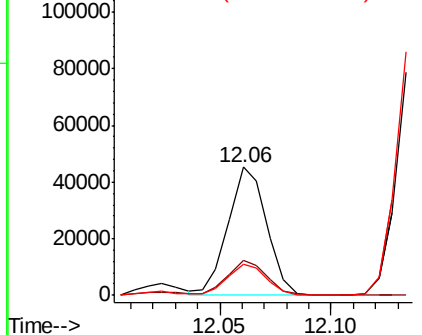
#86
 p-Isopropyltoluene
 Concen: 5.095 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010676.D
 Acq: 04 Jul 2019 08:38

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0579

Tot Ion:119 Resp: 54632
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.7 41.1
 91 24.1 11.3 33.8

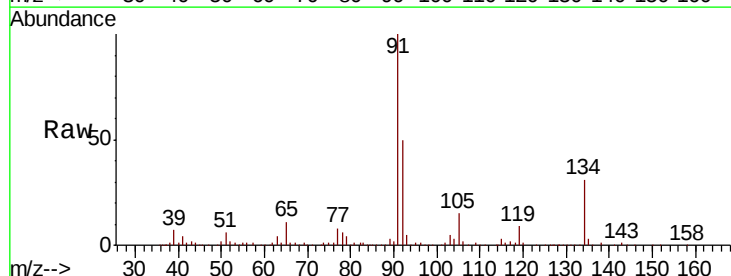


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

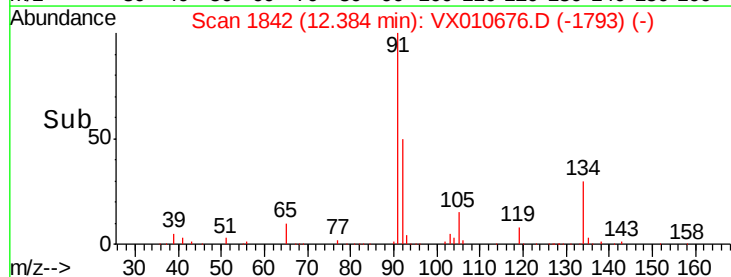
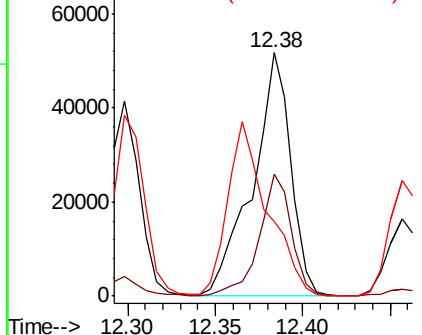


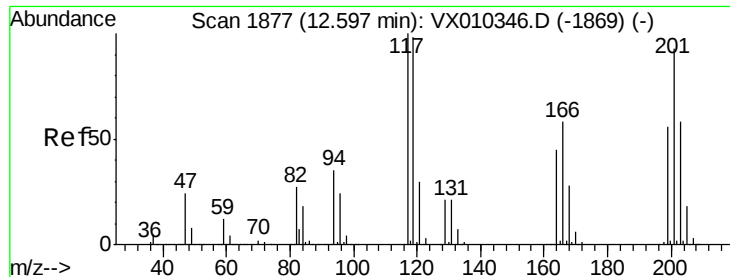
#89
 n-Butylbenzene
 Concen: 8.666 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010676.D
 Acq: 04 Jul 2019 08:38

Tgt Ion: 91 Resp: 78957
 Ion Ratio Lower Upper
 91 100
 92 41.9 26.2 78.5
 134 74.8 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 13.814 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

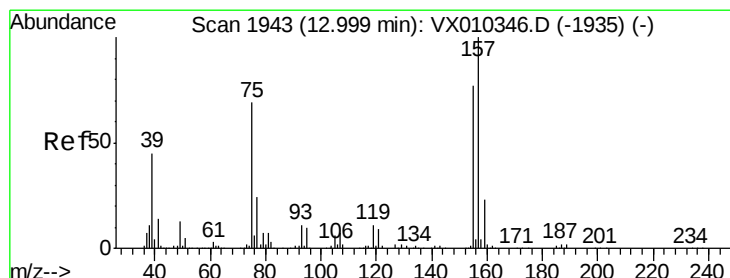
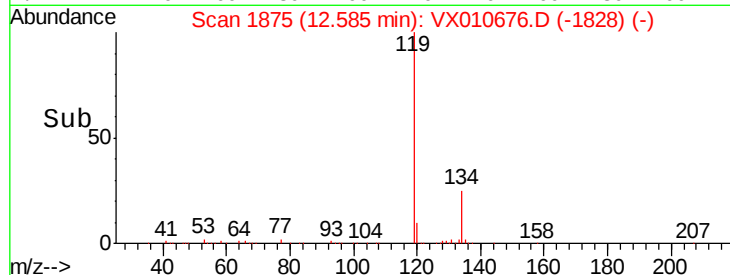
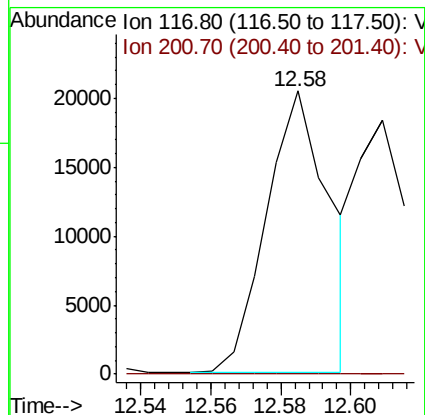
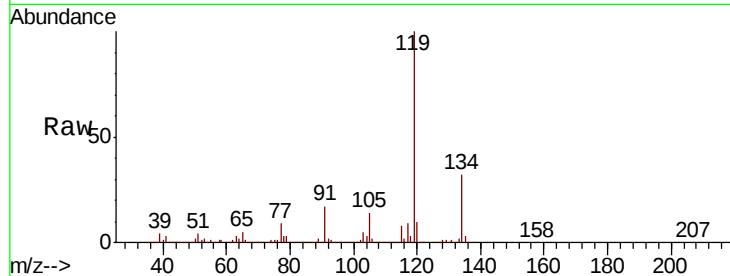
FL-0579

Tot Ion:117 Resp: 25611

Ion Ratio Lower Upper

117 100

201 0.0 44.0 131.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.020 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

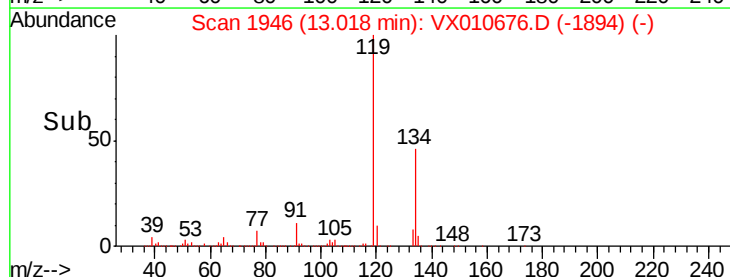
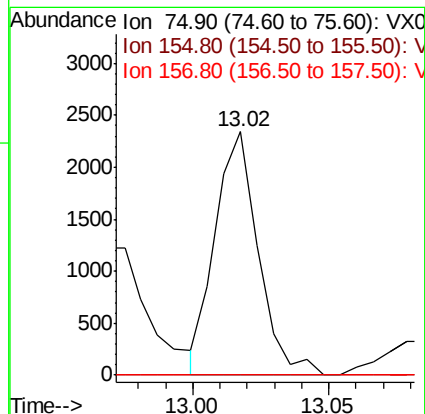
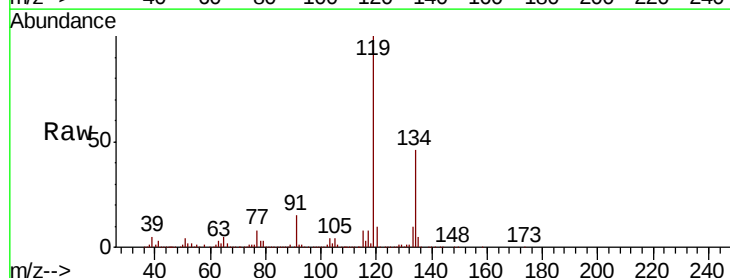
Tgt Ion: 75 Resp: 2573

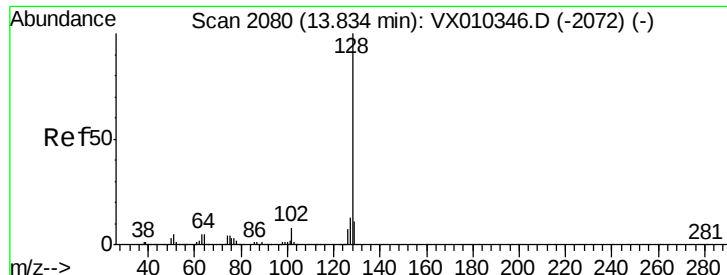
Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#





#95

Naphthalene

Concen: 29.348 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010676.D

Acq: 04 Jul 2019 08:38

Instrument :

MSVOA_X

ClientSampleId :

FL-0579

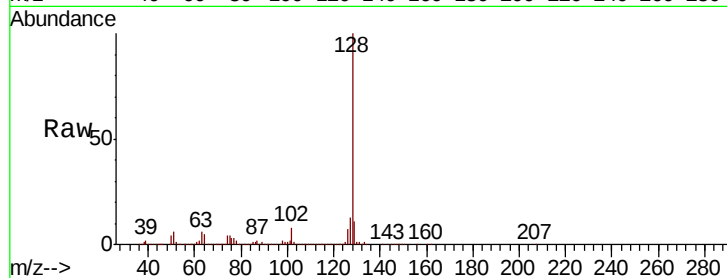
Tot Ion:128 Resp: 361504

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

